HAMPTONCLARKE·VERITECH

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Project: Port Ivory-Site 1 Remed.

Client PO: Not Available

Report To: Hatch Mott MacDonald
27 Bleeker Street
Millburn, NJ 07041

Attn: R.Trepp

Received Date: 3/4/2010

Report Date: 3/23/2010

Deliverables: NYDOH-CatB

Lab ID: AC50108

Lab Project No: 0030408

Jeri Rossi - Quality Assurance Director OR **Stanley Gilewicz - Laboratory Director**

NJ	(07071 and 07069)	NY	(ELAP11408 and 11939)	CT	(PH-0671)	USACE
PA	(68-00463 and 68-04409)	KY	(90124)	WV	(353)	

NELAP ACCREDITED TNI LABORATORY

HC·V
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SDG Narrative

HC·V
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SDG Narrative

Client: Port Authority of NY& NJ
Project: Port Ivory-Site 1 Remed.

Hampton-Clarke/Veritech (HC·V) received the following samples on March 4, 2010:

Client ID	HCV Sample ID	Matrix	Analysis
PI-01-TP-RAP3030210S01	AC50108-001	Soil	VO (8260B), BNA (8270C)
PI-01-TP-RAP1030210S01	AC50108-002	Soil	VO (8260B), BNA (8270C)
PI-01-TP-RAP2030210S01	AC50108-003	Soil	VO (8260B), BNA (8270C)
PI-01-TP-RAP4030210S01	AC50108-004	Soil	VO (8260B), BNA (8270C)
PI-01-TP-RAN3030210S01	AC50108-005	Soil	VO (8260B), BNA (8270C)

Volatile Organic Analysis:

Data conforms to method requirements.

Base Neutral Acid Extractable Analysis:

Data conforms to method requirements.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Jeri Rossi
Quality Assurance Director

Or

Stanley Gilewicz
Laboratory Director

3/23/10
Date

Reporting Limit Definitions

HC·V
HAMPTONCLARKE·VERITECH

REPORTING LIMIT DEFINITIONS

RL = Reporting Limit

MDL = Method Detection Limit

For Clean Water Act and SW846 Organic methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act Metals method, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve.

For Clean Water Act and SW846 Wet Chemistry methods, the Reporting Limit is determined by the concentration of the lowest standard in the calibration curve. For most gravimetric methods the Reporting Limit is defined as a value 3 to 5 times the MDL.

Data Package Summary Forms

Veritech Report Of Analysis

Lab#: AC50108-001 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP3030210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		56
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	1	mg/kg	NA	300J
1,2,4-Trichlorobenzene	1	mg/kg	0.12	ND
1,2-Diphenylhydrazine	1	mg/kg	0.12	ND
2,4,5-Trichlorophenol	1	mg/kg	0.12	ND
2,4,6-Trichlorophenol	1	mg/kg	0.12	ND
2,4-Dichlorophenol	1	mg/kg	0.12	ND
2,4-Dimethylphenol	1	mg/kg	0.12	ND
2,4-Dinitrophenol	1	mg/kg	0.60	ND
2,4-Dinitrotoluene	1	mg/kg	0.12	ND
2,6-Dinitrotoluene	1	mg/kg	0.12	ND
2-Chloronaphthalene	1	mg/kg	0.12	ND
2-Chlorophenol	1	mg/kg	0.12	ND
2-Methylnaphthalene	1	mg/kg	0.12	ND
2-Methylphenol	1	mg/kg	0.12	ND
2-Nitroaniline	1	mg/kg	0.12	ND
2-Nitrophenol	1	mg/kg	0.12	ND
3&4-Methylphenol	1	mg/kg	0.12	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.12	ND
3-Nitroaniline	1	mg/kg	0.12	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.60	ND
4-Bromophenyl-phenylether	1	mg/kg	0.12	ND
4-Chloro-3-methylphenol	1	mg/kg	0.12	ND
4-Chloroaniline	1	mg/kg	0.12	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.12	ND
4-Nitroaniline	1	mg/kg	0.12	ND
4-Nitrophenol	1	mg/kg	0.12	ND
Acenaphthene	1	mg/kg	0.12	ND
Acenaphthylene	1	mg/kg	0.12	ND
Aniline	1	mg/kg	0.12	ND
Anthracene	1	mg/kg	0.12	ND
Benzidine	1	mg/kg	0.60	ND
Benzo[a]anthracene	1	mg/kg	0.12	ND
Benzo[a]pyrene	1	mg/kg	0.12	ND
Benzo[b]fluoranthene	1	mg/kg	0.12	ND
Benzo[g,h,i]perylene	1	mg/kg	0.12	ND
Benzo[k]fluoranthene	1	mg/kg	0.12	ND
Benzoic acid	1	mg/kg	0.60	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.12	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.12	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.12	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.12	ND
Butylbenzylphthalate	1	mg/kg	0.12	ND
Carbazole	1	mg/kg	0.12	ND
Chrysene	1	mg/kg	0.12	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.12	ND
Dibenzofuran	1	mg/kg	0.12	ND
Diethylphthalate	1	mg/kg	0.12	ND
Dimethylphthalate	1	mg/kg	0.12	ND
Di-n-butylphthalate	1	mg/kg	0.12	ND
Di-n-octylphthalate	1	mg/kg	0.12	ND
Fluoranthene	1	mg/kg	0.12	ND
Fluorene	1	mg/kg	0.12	ND
Hexachlorobenzene	1	mg/kg	0.12	ND
Hexachlorobutadiene	1	mg/kg	0.12	ND
Hexachlorocyclopentadiene	1	mg/kg	0.60	ND
Hexachloroethane	1	mg/kg	0.12	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.12	ND
Isophorone	1	mg/kg	0.12	ND
Naphthalene	1	mg/kg	0.12	ND
Nitrobenzene	1	mg/kg	0.12	ND
N-Nitrosodimethylamine	1	mg/kg	0.12	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.12	ND
N-Nitrosodiphenylamine	1	mg/kg	0.12	ND
Pentachlorophenol	1	mg/kg	0.60	ND
Phenanthrene	1	mg/kg	0.12	ND
Phenol	1	mg/kg	0.12	ND
Pyrene	1	mg/kg	0.12	ND

Lab#: AC50108-001 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP3030210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.996	mg/kg	NA	0.068J
1,1,1-Trichloroethane	0.996	mg/kg	0.0089	ND
1,1,2,2-Tetrachloroethane	0.996	mg/kg	0.0089	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.996	mg/kg	0.0089	ND
1,1,2-Trichloroethane	0.996	mg/kg	0.0089	ND
1,1-Dichloroethane	0.996	mg/kg	0.0089	ND
1,1-Dichloroethene	0.996	mg/kg	0.0089	ND
1,2,3-Trichloropropane	0.996	mg/kg	0.0089	ND
1,2,4-Trimethylbenzene	0.996	mg/kg	0.0018	ND
1,2-Dichlorobenzene	0.996	mg/kg	0.0089	ND
1,2-Dichloroethane	0.996	mg/kg	0.0089	ND
1,2-Dichloropropane	0.996	mg/kg	0.0089	ND
1,3,5-Trimethylbenzene	0.996	mg/kg	0.0018	ND
1,3-Dichlorobenzene	0.996	mg/kg	0.0089	ND
1,3-Dichloropropane	0.996	mg/kg	0.0089	ND
1,4-Dichlorobenzene	0.996	mg/kg	0.0089	ND
1,4-Dioxane	0.996	mg/kg	0.44	ND
2-Butanone	0.996	mg/kg	0.0089	ND
2-Chloroethylvinylether	0.996	mg/kg	0.0089	ND
2-Hexanone	0.996	mg/kg	0.0089	ND
4-Isopropyltoluene	0.996	mg/kg	0.0018	ND
4-Methyl-2-pentanone	0.996	mg/kg	0.0089	ND
Acetone	0.996	mg/kg	0.044	ND
Acrolein	0.996	mg/kg	0.044	ND
Acrylonitrile	0.996	mg/kg	0.0089	ND
Benzene	0.996	mg/kg	0.0018	0.0018
Bromodichloromethane	0.996	mg/kg	0.0089	ND
Bromoform	0.996	mg/kg	0.0089	ND
Bromomethane	0.996	mg/kg	0.0089	ND
Carbon disulfide	0.996	mg/kg	0.0089	0.023
Carbon tetrachloride	0.996	mg/kg	0.0089	ND
Chlorobenzene	0.996	mg/kg	0.0089	ND
Chloroethane	0.996	mg/kg	0.0089	ND
Chloroform	0.996	mg/kg	0.0089	ND
Chloromethane	0.996	mg/kg	0.0089	ND
cis-1,2-Dichloroethene	0.996	mg/kg	0.0089	ND
cis-1,3-Dichloropropene	0.996	mg/kg	0.0089	ND
Dibromochloromethane	0.996	mg/kg	0.0089	ND
Dichlorodifluoromethane	0.996	mg/kg	0.0089	ND
Ethylbenzene	0.996	mg/kg	0.0018	ND
Isopropylbenzene	0.996	mg/kg	0.0018	ND
m&p-Xylenes	0.996	mg/kg	0.0018	ND
Methylene chloride	0.996	mg/kg	0.0089	ND
Methyl-t-butyl ether	0.996	mg/kg	0.0018	ND
n-Butylbenzene	0.996	mg/kg	0.0018	ND
n-Propylbenzene	0.996	mg/kg	0.0018	ND
o-Xylene	0.996	mg/kg	0.0018	ND
sec-Butylbenzene	0.996	mg/kg	0.0018	ND
Styrene	0.996	mg/kg	0.0089	ND
t-Butyl Alcohol	0.996	mg/kg	0.044	ND
t-Butylbenzene	0.996	mg/kg	0.0018	ND
Tetrachloroethene	0.996	mg/kg	0.0089	ND
Toluene	0.996	mg/kg	0.0018	ND
trans-1,2-Dichloroethene	0.996	mg/kg	0.0089	ND
trans-1,3-Dichloropropene	0.996	mg/kg	0.0089	ND
Trichloroethene	0.996	mg/kg	0.0089	ND
Trichlorofluoromethane	0.996	mg/kg	0.0089	ND
Vinyl chloride	0.996	mg/kg	0.0089	ND
Xylenes (Total)	0.996	mg/kg	0.0018	ND

Lab#: AC50108-002 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP1030210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**57**
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**1**	**mg/kg**	**NA**	**330J**
1,2,4-Trichlorobenzene	1	mg/kg	0.12	ND
1,2-Diphenylhydrazine	1	mg/kg	0.12	ND
2,4,5-Trichlorophenol	1	mg/kg	0.12	ND
2,4,6-Trichlorophenol	1	mg/kg	0.12	ND
2,4-Dichlorophenol	1	mg/kg	0.12	ND
2,4-Dimethylphenol	1	mg/kg	0.12	ND
2,4-Dinitrophenol	1	mg/kg	0.58	ND
2,4-Dinitrotoluene	1	mg/kg	0.12	ND
2,6-Dinitrotoluene	1	mg/kg	0.12	ND
2-Chloronaphthalene	1	mg/kg	0.12	ND
2-Chlorophenol	1	mg/kg	0.12	ND
2-Methylnaphthalene	**1**	**mg/kg**	**0.12**	**0.53**
2-Methylphenol	1	mg/kg	0.12	ND
2-Nitroaniline	1	mg/kg	0.12	ND
2-Nitrophenol	1	mg/kg	0.12	ND
3&4-Methylphenol	1	mg/kg	0.12	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.12	ND
3-Nitroaniline	1	mg/kg	0.12	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.58	ND
4-Bromophenyl-phenylether	1	mg/kg	0.12	ND
4-Chloro-3-methylphenol	1	mg/kg	0.12	ND
4-Chloroaniline	1	mg/kg	0.12	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.12	ND
4-Nitroaniline	1	mg/kg	0.12	ND
4-Nitrophenol	1	mg/kg	0.12	ND
Acenaphthene	1	mg/kg	0.12	ND
Acenaphthylene	1	mg/kg	0.12	ND
Aniline	1	mg/kg	0.12	ND
Anthracene	1	mg/kg	0.12	ND
Benzidine	1	mg/kg	0.58	ND
Benzo[a]anthracene	1	mg/kg	0.12	ND
Benzo[a]pyrene	1	mg/kg	0.12	ND
Benzo[b]fluoranthene	**1**	**mg/kg**	**0.12**	**0.13**
Benzo[g,h,i]perylene	1	mg/kg	0.12	ND
Benzo[k]fluoranthene	1	mg/kg	0.12	ND
Benzoic acid	1	mg/kg	0.58	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.12	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.12	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.12	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.12	ND
Butylbenzylphthalate	1	mg/kg	0.12	ND
Carbazole	1	mg/kg	0.12	ND
Chrysene	**1**	**mg/kg**	**0.12**	**0.17**
Dibenzo[a,h]anthracene	1	mg/kg	0.12	ND
Dibenzofuran	1	mg/kg	0.12	ND
Diethylphthalate	1	mg/kg	0.12	ND
Dimethylphthalate	1	mg/kg	0.12	ND
Di-n-butylphthalate	1	mg/kg	0.12	ND
Di-n-octylphthalate	1	mg/kg	0.12	ND
Fluoranthene	**1**	**mg/kg**	**0.12**	**0.34**
Fluorene	1	mg/kg	0.12	ND
Hexachlorobenzene	1	mg/kg	0.12	ND
Hexachlorobutadiene	1	mg/kg	0.12	ND
Hexachlorocyclopentadiene	1	mg/kg	0.58	ND
Hexachloroethane	1	mg/kg	0.12	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.12	ND
Isophorone	1	mg/kg	0.12	ND
Naphthalene	**1**	**mg/kg**	**0.12**	**0.34**
Nitrobenzene	1	mg/kg	0.12	ND
N-Nitrosodimethylamine	1	mg/kg	0.12	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.12	ND
N-Nitrosodiphenylamine	1	mg/kg	0.12	ND
Pentachlorophenol	1	mg/kg	0.58	ND
Phenanthrene	**1**	**mg/kg**	**0.12**	**0.33**
Phenol	1	mg/kg	0.12	ND
Pyrene	**1**	**mg/kg**	**0.12**	**0.27**

Lab#: AC50108-002 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP1030210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	**0.996**	**mg/kg**	**NA**	**0.64J**
1,1,1-Trichloroethane	0.996	mg/kg	0.0087	ND
1,1,2,2-Tetrachloroethane	0.996	mg/kg	0.0087	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.996	mg/kg	0.0087	ND
1,1,2-Trichloroethane	0.996	mg/kg	0.0087	ND
1,1-Dichloroethane	0.996	mg/kg	0.0087	ND
1,1-Dichloroethene	0.996	mg/kg	0.0087	ND
1,2,3-Trichloropropane	0.996	mg/kg	0.0087	ND
1,2,4-Trimethylbenzene	0.996	mg/kg	0.0017	ND
1,2-Dichlorobenzene	0.996	mg/kg	0.0087	ND
1,2-Dichloroethane	0.996	mg/kg	0.0087	ND
1,2-Dichloropropane	0.996	mg/kg	0.0087	ND
1,3,5-Trimethylbenzene	0.996	mg/kg	0.0017	ND
1,3-Dichlorobenzene	0.996	mg/kg	0.0087	ND
1,3-Dichloropropane	0.996	mg/kg	0.0087	ND
1,4-Dichlorobenzene	0.996	mg/kg	0.0087	ND
1,4-Dioxane	0.996	mg/kg	0.44	ND
2-Butanone	0.996	mg/kg	0.0087	ND
2-Chloroethylvinylether	0.996	mg/kg	0.0087	ND
2-Hexanone	0.996	mg/kg	0.0087	ND
4-Isopropyltoluene	0.996	mg/kg	0.0017	ND
4-Methyl-2-pentanone	0.996	mg/kg	0.0087	ND
Acetone	0.996	mg/kg	0.044	ND
Acrolein	0.996	mg/kg	0.044	ND
Acrylonitrile	0.996	mg/kg	0.0087	ND
Benzene	0.996	mg/kg	0.0017	ND
Bromodichloromethane	0.996	mg/kg	0.0087	ND
Bromoform	0.996	mg/kg	0.0087	ND
Bromomethane	0.996	mg/kg	0.0087	ND
Carbon disulfide	**0.996**	**mg/kg**	**0.0087**	**0.012**
Carbon tetrachloride	0.996	mg/kg	0.0087	ND
Chlorobenzene	0.996	mg/kg	0.0087	ND
Chloroethane	0.996	mg/kg	0.0087	ND
Chloroform	0.996	mg/kg	0.0087	ND
Chloromethane	0.996	mg/kg	0.0087	ND
cis-1,2-Dichloroethene	0.996	mg/kg	0.0087	ND
cis-1,3-Dichloropropene	0.996	mg/kg	0.0087	ND
Dibromochloromethane	0.996	mg/kg	0.0087	ND
Dichlorodifluoromethane	0.996	mg/kg	0.0087	ND
Ethylbenzene	0.996	mg/kg	0.0017	ND
Isopropylbenzene	0.996	mg/kg	0.0017	ND
m&p-Xylenes	0.996	mg/kg	0.0017	ND
Methylene chloride	0.996	mg/kg	0.0087	ND
Methyl-t-butyl ether	0.996	mg/kg	0.0017	ND
n-Butylbenzene	0.996	mg/kg	0.0017	ND
n-Propylbenzene	0.996	mg/kg	0.0017	ND
o-Xylene	0.996	mg/kg	0.0017	ND
sec-Butylbenzene	0.996	mg/kg	0.0017	ND
Styrene	0.996	mg/kg	0.0087	ND
t-Butyl Alcohol	0.996	mg/kg	0.044	ND
t-Butylbenzene	0.996	mg/kg	0.0017	ND
Tetrachloroethene	0.996	mg/kg	0.0087	ND
Toluene	0.996	mg/kg	0.0017	ND
trans-1,2-Dichloroethene	0.996	mg/kg	0.0087	ND
trans-1,3-Dichloropropene	0.996	mg/kg	0.0087	ND
Trichloroethene	0.996	mg/kg	0.0087	ND
Trichlorofluoromethane	0.996	mg/kg	0.0087	ND
Vinyl chloride	0.996	mg/kg	0.0087	ND
Xylenes (Total)	0.996	mg/kg	0.0017	ND

Lab#: AC50108-003 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP2030210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	**1**	**percent**		**62**
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	**10**	**mg/kg**	**NA**	**1100J**
1,2,4-Trichlorobenzene	10	mg/kg	4.8	ND
1,2-Diphenylhydrazine	10	mg/kg	4.8	ND
2,4,5-Trichlorophenol	10	mg/kg	4.8	ND
2,4,6-Trichlorophenol	10	mg/kg	4.8	ND
2,4-Dichlorophenol	10	mg/kg	4.8	ND
2,4-Dimethylphenol	10	mg/kg	4.8	ND
2,4-Dinitrophenol	10	mg/kg	24	ND
2,4-Dinitrotoluene	10	mg/kg	4.8	ND
2,6-Dinitrotoluene	10	mg/kg	4.8	ND
2-Chloronaphthalene	10	mg/kg	4.8	ND
2-Chlorophenol	10	mg/kg	4.8	ND
2-Methylnaphthalene	10	mg/kg	4.8	ND
2-Methylphenol	10	mg/kg	4.8	ND
2-Nitroaniline	10	mg/kg	4.8	ND
2-Nitrophenol	10	mg/kg	4.8	ND
3&4-Methylphenol	10	mg/kg	4.8	ND
3,3'-Dichlorobenzidine	10	mg/kg	4.8	ND
3-Nitroaniline	10	mg/kg	4.8	ND
4,6-Dinitro-2-methylphenol	10	mg/kg	24	ND
4-Bromophenyl-phenylether	10	mg/kg	4.8	ND
4-Chloro-3-methylphenol	10	mg/kg	4.8	ND
4-Chloroaniline	10	mg/kg	4.8	ND
4-Chlorophenyl-phenylether	10	mg/kg	4.8	ND
4-Nitroaniline	10	mg/kg	4.8	ND
4-Nitrophenol	10	mg/kg	4.8	ND
Acenaphthene	**10**	**mg/kg**	**4.8**	**5.0**
Acenaphthylene	10	mg/kg	4.8	ND
Aniline	10	mg/kg	4.8	ND
Anthracene	**10**	**mg/kg**	**4.8**	**11**
Benzidine	10	mg/kg	24	ND
Benzo[a]anthracene	**10**	**mg/kg**	**4.8**	**11**
Benzo[a]pyrene	**10**	**mg/kg**	**4.8**	**7.4**
Benzo[b]fluoranthene	10	mg/kg	4.8	ND
Benzo[g,h,i]perylene	**10**	**mg/kg**	**4.8**	**5.1**
Benzo[k]fluoranthene	10	mg/kg	4.8	ND
Benzoic acid	10	mg/kg	24	ND
bis(2-Chloroethoxy)methane	10	mg/kg	4.8	ND
bis(2-Chloroethyl)ether	10	mg/kg	4.8	ND
bis(2-Chloroisopropyl)ether	10	mg/kg	4.8	ND
bis(2-Ethylhexyl)phthalate	10	mg/kg	4.8	ND
Butylbenzylphthalate	10	mg/kg	4.8	ND
Carbazole	10	mg/kg	4.8	ND
Chrysene	**10**	**mg/kg**	**4.8**	**16**
Dibenzo[a,h]anthracene	10	mg/kg	4.8	ND
Dibenzofuran	10	mg/kg	4.8	ND
Diethylphthalate	10	mg/kg	4.8	ND
Dimethylphthalate	10	mg/kg	4.8	ND
Di-n-butylphthalate	10	mg/kg	4.8	ND
Di-n-octylphthalate	10	mg/kg	4.8	ND
Fluoranthene	**10**	**mg/kg**	**4.8**	**6.0**
Fluorene	10	mg/kg	4.8	ND
Hexachlorobenzene	10	mg/kg	4.8	ND
Hexachlorobutadiene	10	mg/kg	4.8	ND
Hexachlorocyclopentadiene	10	mg/kg	24	ND
Hexachloroethane	10	mg/kg	4.8	ND
Indeno[1,2,3-cd]pyrene	10	mg/kg	4.8	ND
Isophorone	10	mg/kg	4.8	ND
Naphthalene	10	mg/kg	4.8	ND
Nitrobenzene	10	mg/kg	4.8	ND
N-Nitrosodimethylamine	10	mg/kg	4.8	ND
N-Nitroso-di-n-propylamine	10	mg/kg	4.8	ND
N-Nitrosodiphenylamine	10	mg/kg	4.8	ND
Pentachlorophenol	10	mg/kg	24	ND
Phenanthrene	10	mg/kg	4.8	ND
Phenol	10	mg/kg	4.8	ND
Pyrene	**10**	**mg/kg**	**4.8**	**41**

Lab#: AC50108-003 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP2030210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	**5**	**mg/kg**	**NA**	**11J**
1,1,1-Trichloroethane	5	mg/kg	0.040	ND
1,1,2,2-Tetrachloroethane	5	mg/kg	0.040	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5	mg/kg	0.040	ND
1,1,2-Trichloroethane	5	mg/kg	0.040	ND
1,1-Dichloroethane	5	mg/kg	0.040	ND
1,1-Dichloroethene	5	mg/kg	0.040	ND
1,2,3-Trichloropropane	5	mg/kg	0.040	ND
1,2,4-Trimethylbenzene	5	mg/kg	0.0081	ND
1,2-Dichlorobenzene	5	mg/kg	0.040	ND
1,2-Dichloroethane	5	mg/kg	0.040	ND
1,2-Dichloropropane	5	mg/kg	0.040	ND
1,3,5-Trimethylbenzene	5	mg/kg	0.0081	ND
1,3-Dichlorobenzene	5	mg/kg	0.040	ND
1,3-Dichloropropane	5	mg/kg	0.040	ND
1,4-Dichlorobenzene	5	mg/kg	0.040	ND
1,4-Dioxane	5	mg/kg	2.0	ND
2-Butanone	5	mg/kg	0.040	ND
2-Chloroethylvinylether	5	mg/kg	0.040	ND
2-Hexanone	5	mg/kg	0.040	ND
4-Isopropyltoluene	5	mg/kg	0.0081	ND
4-Methyl-2-pentanone	5	mg/kg	0.040	ND
Acetone	**5**	**mg/kg**	**0.20**	**0.27**
Acrolein	5	mg/kg	0.20	ND
Acrylonitrile	5	mg/kg	0.040	ND
Benzene	5	mg/kg	0.0081	ND
Bromodichloromethane	5	mg/kg	0.040	ND
Bromoform	5	mg/kg	0.040	ND
Bromomethane	5	mg/kg	0.040	ND
Carbon disulfide	**5**	**mg/kg**	**0.040**	**0.093**
Carbon tetrachloride	5	mg/kg	0.040	ND
Chlorobenzene	5	mg/kg	0.040	ND
Chloroethane	5	mg/kg	0.040	ND
Chloroform	5	mg/kg	0.040	ND
Chloromethane	5	mg/kg	0.040	ND
cis-1,2-Dichloroethene	5	mg/kg	0.040	ND
cis-1,3-Dichloropropene	5	mg/kg	0.040	ND
Dibromochloromethane	5	mg/kg	0.040	ND
Dichlorodifluoromethane	5	mg/kg	0.040	ND
Ethylbenzene	5	mg/kg	0.0081	ND
Isopropylbenzene	5	mg/kg	0.0081	ND
m&p-Xylenes	5	mg/kg	0.0081	ND
Methylene chloride	5	mg/kg	0.040	ND
Methyl-t-butyl ether	5	mg/kg	0.0081	ND
n-Butylbenzene	**5**	**mg/kg**	**0.0081**	**0.020**
n-Propylbenzene	5	mg/kg	0.0081	ND
o-Xylene	5	mg/kg	0.0081	ND
sec-Butylbenzene	**5**	**mg/kg**	**0.0081**	**0.047**
Styrene	5	mg/kg	0.040	ND
t-Butyl Alcohol	5	mg/kg	0.20	ND
t-Butylbenzene	**5**	**mg/kg**	**0.0081**	**0.011**
Tetrachloroethene	5	mg/kg	0.040	ND
Toluene	5	mg/kg	0.0081	ND
trans-1,2-Dichloroethene	5	mg/kg	0.040	ND
trans-1,3-Dichloropropene	5	mg/kg	0.040	ND
Trichloroethene	5	mg/kg	0.040	ND
Trichlorofluoromethane	5	mg/kg	0.040	ND
Vinyl chloride	5	mg/kg	0.040	ND
Xylenes (Total)	5	mg/kg	0.0081	ND

Lab#: AC50108-004 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP4030210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		84
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	1	mg/kg	NA	190J
1,2,4-Trichlorobenzene	1	mg/kg	0.079	ND
1,2-Diphenylhydrazine	1	mg/kg	0.079	ND
2,4,5-Trichlorophenol	1	mg/kg	0.079	ND
2,4,6-Trichlorophenol	1	mg/kg	0.079	ND
2,4-Dichlorophenol	1	mg/kg	0.079	ND
2,4-Dimethylphenol	1	mg/kg	0.079	ND
2,4-Dinitrophenol	1	mg/kg	0.40	ND
2,4-Dinitrotoluene	1	mg/kg	0.079	ND
2,6-Dinitrotoluene	1	mg/kg	0.079	ND
2-Chloronaphthalene	1	mg/kg	0.079	ND
2-Chlorophenol	1	mg/kg	0.079	ND
2-Methylnaphthalene	1	mg/kg	0.079	ND
2-Methylphenol	1	mg/kg	0.079	ND
2-Nitroaniline	1	mg/kg	0.079	ND
2-Nitrophenol	1	mg/kg	0.079	ND
3&4-Methylphenol	1	mg/kg	0.079	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.079	ND
3-Nitroaniline	1	mg/kg	0.079	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.40	ND
4-Bromophenyl-phenylether	1	mg/kg	0.079	ND
4-Chloro-3-methylphenol	1	mg/kg	0.079	ND
4-Chloroaniline	1	mg/kg	0.079	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.079	ND
4-Nitroaniline	1	mg/kg	0.079	ND
4-Nitrophenol	1	mg/kg	0.079	ND
Acenaphthene	1	mg/kg	0.079	ND
Acenaphthylene	1	mg/kg	0.079	ND
Aniline	1	mg/kg	0.079	ND
Anthracene	1	mg/kg	0.079	ND
Benzidine	1	mg/kg	0.40	ND
Benzo[a]anthracene	1	mg/kg	0.079	ND
Benzo[a]pyrene	1	mg/kg	0.079	ND
Benzo[b]fluoranthene	1	mg/kg	0.079	ND
Benzo[g,h,i]perylene	1	mg/kg	0.079	ND
Benzo[k]fluoranthene	1	mg/kg	0.079	ND
Benzoic acid	1	mg/kg	0.40	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.079	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.079	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.079	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.079	ND
Butylbenzylphthalate	1	mg/kg	0.079	ND
Carbazole	1	mg/kg	0.079	ND
Chrysene	1	mg/kg	0.079	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.079	ND
Dibenzofuran	1	mg/kg	0.079	ND
Diethylphthalate	1	mg/kg	0.079	ND
Dimethylphthalate	1	mg/kg	0.079	ND
Di-n-butylphthalate	1	mg/kg	0.079	ND
Di-n-octylphthalate	1	mg/kg	0.079	ND
Fluoranthene	1	mg/kg	0.079	ND
Fluorene	1	mg/kg	0.079	ND
Hexachlorobenzene	1	mg/kg	0.079	ND
Hexachlorobutadiene	1	mg/kg	0.079	ND
Hexachlorocyclopentadiene	1	mg/kg	0.40	ND
Hexachloroethane	1	mg/kg	0.079	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.079	ND
Isophorone	1	mg/kg	0.079	ND
Naphthalene	1	mg/kg	0.079	ND
Nitrobenzene	1	mg/kg	0.079	ND
N-Nitrosodimethylamine	1	mg/kg	0.079	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.079	ND
N-Nitrosodiphenylamine	1	mg/kg	0.079	ND
Pentachlorophenol	1	mg/kg	0.40	ND
Phenanthrene	1	mg/kg	0.079	ND
Phenol	1	mg/kg	0.079	ND
Pyrene	1	mg/kg	0.079	ND

Lab#: AC50108-004 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAP4030210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.971	mg/kg	NA	0.029J
1,1,1-Trichloroethane	0.971	mg/kg	0.0058	ND
1,1,2,2-Tetrachloroethane	0.971	mg/kg	0.0058	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.971	mg/kg	0.0058	ND
1,1,2-Trichloroethane	0.971	mg/kg	0.0058	ND
1,1-Dichloroethane	0.971	mg/kg	0.0058	ND
1,1-Dichloroethene	0.971	mg/kg	0.0058	ND
1,2,3-Trichloropropane	0.971	mg/kg	0.0058	ND
1,2,4-Trimethylbenzene	0.971	mg/kg	0.0012	ND
1,2-Dichlorobenzene	0.971	mg/kg	0.0058	ND
1,2-Dichloroethane	0.971	mg/kg	0.0058	ND
1,2-Dichloropropane	0.971	mg/kg	0.0058	ND
1,3,5-Trimethylbenzene	0.971	mg/kg	0.0012	ND
1,3-Dichlorobenzene	0.971	mg/kg	0.0058	ND
1,3-Dichloropropane	0.971	mg/kg	0.0058	ND
1,4-Dichlorobenzene	0.971	mg/kg	0.0058	ND
1,4-Dioxane	0.971	mg/kg	0.29	ND
2-Butanone	0.971	mg/kg	0.0058	ND
2-Chloroethylvinylether	0.971	mg/kg	0.0058	ND
2-Hexanone	0.971	mg/kg	0.0058	ND
4-Isopropyltoluene	0.971	mg/kg	0.0012	ND
4-Methyl-2-pentanone	0.971	mg/kg	0.0058	ND
Acetone	0.971	mg/kg	0.029	ND
Acrolein	0.971	mg/kg	0.029	ND
Acrylonitrile	0.971	mg/kg	0.0058	ND
Benzene	0.971	mg/kg	0.0012	ND
Bromodichloromethane	0.971	mg/kg	0.0058	ND
Bromoform	0.971	mg/kg	0.0058	ND
Bromomethane	0.971	mg/kg	0.0058	ND
Carbon disulfide	0.971	mg/kg	0.0058	ND
Carbon tetrachloride	0.971	mg/kg	0.0058	ND
Chlorobenzene	0.971	mg/kg	0.0058	ND
Chloroethane	0.971	mg/kg	0.0058	ND
Chloroform	0.971	mg/kg	0.0058	ND
Chloromethane	0.971	mg/kg	0.0058	ND
cis-1,2-Dichloroethene	0.971	mg/kg	0.0058	ND
cis-1,3-Dichloropropene	0.971	mg/kg	0.0058	ND
Dibromochloromethane	0.971	mg/kg	0.0058	ND
Dichlorodifluoromethane	0.971	mg/kg	0.0058	ND
Ethylbenzene	0.971	mg/kg	0.0012	ND
Isopropylbenzene	0.971	mg/kg	0.0012	ND
m&p-Xylenes	0.971	mg/kg	0.0012	ND
Methylene chloride	0.971	mg/kg	0.0058	ND
Methyl-t-butyl ether	0.971	mg/kg	0.0012	ND
n-Butylbenzene	0.971	mg/kg	0.0012	ND
n-Propylbenzene	0.971	mg/kg	0.0012	ND
o-Xylene	0.971	mg/kg	0.0012	ND
sec-Butylbenzene	0.971	mg/kg	0.0012	ND
Styrene	0.971	mg/kg	0.0058	ND
t-Butyl Alcohol	0.971	mg/kg	0.029	ND
t-Butylbenzene	0.971	mg/kg	0.0012	ND
Tetrachloroethene	0.971	mg/kg	0.0058	ND
Toluene	0.971	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	0.971	mg/kg	0.0058	ND
trans-1,3-Dichloropropene	0.971	mg/kg	0.0058	ND
Trichloroethene	0.971	mg/kg	0.0058	ND
Trichlorofluoromethane	0.971	mg/kg	0.0058	ND
Vinyl chloride	0.971	mg/kg	0.0058	ND
Xylenes (Total)	0.971	mg/kg	0.0012	ND

Lab#: AC50108-005 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAN3030210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		58
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	5	mg/kg	NA	540J
1,2,4-Trichlorobenzene	5	mg/kg	0.57	ND
1,2-Diphenylhydrazine	5	mg/kg	0.57	ND
2,4,5-Trichlorophenol	5	mg/kg	0.57	ND
2,4,6-Trichlorophenol	5	mg/kg	0.57	ND
2,4-Dichlorophenol	5	mg/kg	0.57	ND
2,4-Dimethylphenol	5	mg/kg	0.57	ND
2,4-Dinitrophenol	5	mg/kg	2.9	ND
2,4-Dinitrotoluene	5	mg/kg	0.57	ND
2,6-Dinitrotoluene	5	mg/kg	0.57	ND
2-Chloronaphthalene	5	mg/kg	0.57	ND
2-Chlorophenol	5	mg/kg	0.57	ND
2-Methylnaphthalene	**5**	**mg/kg**	**0.57**	**13**
2-Methylphenol	5	mg/kg	0.57	ND
2-Nitroaniline	5	mg/kg	0.57	ND
2-Nitrophenol	5	mg/kg	0.57	ND
3&4-Methylphenol	5	mg/kg	0.57	ND
3,3'-Dichlorobenzidine	5	mg/kg	0.57	ND
3-Nitroaniline	5	mg/kg	0.57	ND
4,6-Dinitro-2-methylphenol	5	mg/kg	2.9	ND
4-Bromophenyl-phenylether	5	mg/kg	0.57	ND
4-Chloro-3-methylphenol	5	mg/kg	0.57	ND
4-Chloroaniline	5	mg/kg	0.57	ND
4-Chlorophenyl-phenylether	5	mg/kg	0.57	ND
4-Nitroaniline	5	mg/kg	0.57	ND
4-Nitrophenol	5	mg/kg	0.57	ND
Acenaphthene	**5**	**mg/kg**	**0.57**	**1.6**
Acenaphthylene	5	mg/kg	0.57	ND
Aniline	5	mg/kg	0.57	ND
Anthracene	**5**	**mg/kg**	**0.57**	**2.2**
Benzidine	5	mg/kg	2.9	ND
Benzo[a]anthracene	**5**	**mg/kg**	**0.57**	**1.9**
Benzo[a]pyrene	**5**	**mg/kg**	**0.57**	**1.2**
Benzo[b]fluoranthene	**5**	**mg/kg**	**0.57**	**0.67**
Benzo[g,h,i]perylene	**5**	**mg/kg**	**0.57**	**1.2**
Benzo[k]fluoranthene	5	mg/kg	0.57	ND
Benzoic acid	5	mg/kg	2.9	ND
bis(2-Chloroethoxy)methane	5	mg/kg	0.57	ND
bis(2-Chloroethyl)ether	5	mg/kg	0.57	ND
bis(2-Chloroisopropyl)ether	5	mg/kg	0.57	ND
bis(2-Ethylhexyl)phthalate	5	mg/kg	0.57	ND
Butylbenzylphthalate	5	mg/kg	0.57	ND
Carbazole	5	mg/kg	0.57	ND
Chrysene	**5**	**mg/kg**	**0.57**	**2.8**
Dibenzo[a,h]anthracene	5	mg/kg	0.57	ND
Dibenzofuran	5	mg/kg	0.57	ND
Diethylphthalate	5	mg/kg	0.57	ND
Dimethylphthalate	5	mg/kg	0.57	ND
Di-n-butylphthalate	5	mg/kg	0.57	ND
Di-n-octylphthalate	5	mg/kg	0.57	ND
Fluoranthene	**5**	**mg/kg**	**0.57**	**1.4**
Fluorene	**5**	**mg/kg**	**0.57**	**2.6**
Hexachlorobenzene	5	mg/kg	0.57	ND
Hexachlorobutadiene	5	mg/kg	0.57	ND
Hexachlorocyclopentadiene	5	mg/kg	2.9	ND
Hexachloroethane	5	mg/kg	0.57	ND
Indeno[1,2,3-cd]pyrene	5	mg/kg	0.57	ND
Isophorone	5	mg/kg	0.57	ND
Naphthalene	**5**	**mg/kg**	**0.57**	**0.83**
Nitrobenzene	5	mg/kg	0.57	ND
N-Nitrosodimethylamine	5	mg/kg	0.57	ND
N-Nitroso-di-n-propylamine	5	mg/kg	0.57	ND
N-Nitrosodiphenylamine	5	mg/kg	0.57	ND
Pentachlorophenol	5	mg/kg	2.9	ND
Phenanthrene	**5**	**mg/kg**	**0.57**	**11**
Phenol	5	mg/kg	0.57	ND
Pyrene	**5**	**mg/kg**	**0.57**	**8.1**

Lab#: AC50108-005 Collection Date: 3/2/2010
Sample ID: PI-01-TP-RAN3030210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	**98.4**	**mg/kg**	**NA**	**30J**
1,1,1-Trichloroethane	98.4	mg/kg	0.17	ND
1,1,2,2-Tetrachloroethane	98.4	mg/kg	0.17	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	98.4	mg/kg	0.85	ND
1,1,2-Trichloroethane	98.4	mg/kg	0.17	ND
1,1-Dichloroethane	98.4	mg/kg	0.17	ND
1,1-Dichloroethene	98.4	mg/kg	0.17	ND
1,2,3-Trichloropropane	98.4	mg/kg	0.17	ND
1,2,4-Trimethylbenzene	98.4	mg/kg	0.17	ND
1,2-Dichlorobenzene	98.4	mg/kg	0.17	ND
1,2-Dichloroethane	98.4	mg/kg	0.085	ND
1,2-Dichloropropane	98.4	mg/kg	0.17	ND
1,3,5-Trimethylbenzene	98.4	mg/kg	0.17	ND
1,3-Dichlorobenzene	98.4	mg/kg	0.17	ND
1,3-Dichloropropane	98.4	mg/kg	0.17	ND
1,4-Dichlorobenzene	98.4	mg/kg	0.17	ND
1,4-Dioxane	98.4	mg/kg	8.5	ND
2-Butanone	98.4	mg/kg	0.17	ND
2-Chloroethylvinylether	98.4	mg/kg	0.17	ND
2-Hexanone	98.4	mg/kg	0.17	ND
4-Isopropyltoluene	98.4	mg/kg	0.17	ND
4-Methyl-2-pentanone	98.4	mg/kg	0.17	ND
Acetone	98.4	mg/kg	0.85	ND
Acrolein	98.4	mg/kg	0.85	ND
Acrylonitrile	98.4	mg/kg	0.85	ND
Benzene	98.4	mg/kg	0.085	ND
Bromodichloromethane	98.4	mg/kg	0.17	ND
Bromoform	98.4	mg/kg	0.17	ND
Bromomethane	98.4	mg/kg	0.17	ND
Carbon disulfide	98.4	mg/kg	0.17	ND
Carbon tetrachloride	98.4	mg/kg	0.17	ND
Chlorobenzene	98.4	mg/kg	0.17	ND
Chloroethane	98.4	mg/kg	0.17	ND
Chloroform	98.4	mg/kg	0.17	ND
Chloromethane	98.4	mg/kg	0.17	ND
cis-1,2-Dichloroethene	98.4	mg/kg	0.17	ND
cis-1,3-Dichloropropene	98.4	mg/kg	0.17	ND
Dibromochloromethane	98.4	mg/kg	0.17	ND
Dichlorodifluoromethane	98.4	mg/kg	0.17	ND
Ethylbenzene	98.4	mg/kg	0.17	ND
Isopropylbenzene	**98.4**	**mg/kg**	**0.17**	**0.22**
m&p-Xylenes	98.4	mg/kg	0.17	ND
Methylene chloride	98.4	mg/kg	0.17	ND
Methyl-t-butyl ether	98.4	mg/kg	0.085	ND
n-Butylbenzene	**98.4**	**mg/kg**	**0.17**	**0.18**
n-Propylbenzene	**98.4**	**mg/kg**	**0.17**	**0.21**
o-Xylene	98.4	mg/kg	0.17	ND
sec-Butylbenzene	98.4	mg/kg	0.17	ND
Styrene	98.4	mg/kg	0.17	ND
t-Butyl Alcohol	98.4	mg/kg	0.85	ND
t-Butylbenzene	98.4	mg/kg	0.17	ND
Tetrachloroethene	98.4	mg/kg	0.17	ND
Toluene	98.4	mg/kg	0.17	ND
trans-1,2-Dichloroethene	98.4	mg/kg	0.17	ND
trans-1,3-Dichloropropene	98.4	mg/kg	0.17	ND
Trichloroethene	98.4	mg/kg	0.17	ND
Trichlorofluoromethane	98.4	mg/kg	0.17	ND
Vinyl chloride	98.4	mg/kg	0.17	ND
Xylenes (Total)	98.4	mg/kg	0.17	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210S01
Data File: 1M54840.D
Analysis Date: 03/08/10 13:33
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 56

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0089	U	56-23-5	Carbon Tetrachloride	0.0089	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0089	U	108-90-7	Chlorobenzene	0.0089	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0089	U	75-00-3	Chloroethane	0.0089	U
79-00-5	1,1,2-Trichloroethane	0.0089	U	67-66-3	Chloroform	0.0089	U
75-34-3	1,1-Dichloroethane	0.0089	U	74-87-3	Chloromethane	0.0089	U
75-35-4	1,1-Dichloroethene	0.0089	U	156-59-2	cis-1,2-Dichloroethene	0.0089	U
96-18-4	1,2,3-Trichloropropane	0.0089	U	10061-01-5	cis-1,3-Dichloropropene	0.0089	U
95-63-6	1,2,4-Trimethylbenzene	0.0018	U	124-48-1	Dibromochloromethane	0.0089	U
95-50-1	1,2-Dichlorobenzene	0.0089	U	75-71-8	Dichlorodifluoromethane	0.0089	U
107-06-2	1,2-Dichloroethane	0.0089	U	100-41-4	Ethylbenzene	0.0018	U
78-87-5	1,2-Dichloropropane	0.0089	U	98-82-8	Isopropylbenzene	0.0018	U
108-67-8	1,3,5-Trimethylbenzene	0.0018	U	136777612	m&p-Xylenes	0.0018	U
541-73-1	1,3-Dichlorobenzene	0.0089	U	75-09-2	Methylene Chloride	0.0089	U
142-28-9	1,3-Dichloropropane	0.0089	U	1634-04-4	Methyl-t-butyl ether	0.0018	U
106-46-7	1,4-Dichlorobenzene	0.0089	U	104-51-8	n-Butylbenzene	0.0018	U
123-91-1	1,4-Dioxane	0.44	U	103-65-1	n-Propylbenzene	0.0018	U
78-93-3	2-Butanone	0.0089	U	95-47-6	o-Xylene	0.0018	U
110-75-8	2-Chloroethylvinylether	0.0089	U	135-98-8	sec-Butylbenzene	0.0018	U
591-78-6	2-Hexanone	0.0089	U	100-42-5	Styrene	0.0089	U
99-87-6	4-Isopropyltoluene	0.0018	U	75-65-0	t-Butyl Alcohol	0.044	U
108-10-1	4-Methyl-2-Pentanone	0.0089	U	98-06-6	t-Butylbenzene	0.0018	U
67-64-1	Acetone	0.044	U	127-18-4	Tetrachloroethene	0.0089	U
107-02-8	Acrolein	0.044	U	108-88-3	Toluene	0.0018	U
107-13-1	Acrylonitrile	0.0089	U	156-60-5	trans-1,2-Dichloroethene	0.0089	U
71-43-2	**Benzene**	**0.0018**	**0.0018**	10061-02-6	trans-1,3-Dichloropropene	0.0089	U
75-27-4	Bromodichloromethane	0.0089	U	79-01-6	Trichloroethene	0.0089	U
75-25-2	Bromoform	0.0089	U	75-69-4	Trichlorofluoromethane	0.0089	U
74-83-9	Bromomethane	0.0089	U	75-01-4	Vinyl Chloride	0.0089	U
75-15-0	**Carbon Disulfide**	**0.0089**	**0.023**	1330-20-7	Xylenes (Total)	0.0018	U

Worksheet #: 144620

Total Target Concentration 0.025

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210
Data File: 1M54840.D
Analysis Date: 03/08/10 13:33
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 56
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.031 J
2	554-14-3	Thiophene, 2-methyl-	5.69	0.0085 J
3	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.89	0.0070 J
4	91-20-3	Naphthalene	9.34	0.021 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0.068

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210S01
Data File: 1M54841.D
Analysis Date: 03/08/10 13:49
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 57

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0087	U	56-23-5	Carbon Tetrachloride	0.0087	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0087	U	108-90-7	Chlorobenzene	0.0087	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0087	U	75-00-3	Chloroethane	0.0087	U
79-00-5	1,1,2-Trichloroethane	0.0087	U	67-66-3	Chloroform	0.0087	U
75-34-3	1,1-Dichloroethane	0.0087	U	74-87-3	Chloromethane	0.0087	U
75-35-4	1,1-Dichloroethene	0.0087	U	156-59-2	cis-1,2-Dichloroethene	0.0087	U
96-18-4	1,2,3-Trichloropropane	0.0087	U	10061-01-5	cis-1,3-Dichloropropene	0.0087	U
95-63-6	1,2,4-Trimethylbenzene	0.0017	U	124-48-1	Dibromochloromethane	0.0087	U
95-50-1	1,2-Dichlorobenzene	0.0087	U	75-71-8	Dichlorodifluoromethane	0.0087	U
107-06-2	1,2-Dichloroethane	0.0087	U	100-41-4	Ethylbenzene	0.0017	U
78-87-5	1,2-Dichloropropane	0.0087	U	98-82-8	Isopropylbenzene	0.0017	U
108-67-8	1,3,5-Trimethylbenzene	0.0017	U	136777612	m&p-Xylenes	0.0017	U
541-73-1	1,3-Dichlorobenzene	0.0087	U	75-09-2	Methylene Chloride	0.0087	U
142-28-9	1,3-Dichloropropane	0.0087	U	1634-04-4	Methyl-t-butyl ether	0.0017	U
106-46-7	1,4-Dichlorobenzene	0.0087	U	104-51-8	n-Butylbenzene	0.0017	U
123-91-1	1,4-Dioxane	0.44	U	103-65-1	n-Propylbenzene	0.0017	U
78-93-3	2-Butanone	0.0087	U	95-47-6	o-Xylene	0.0017	U
110-75-8	2-Chloroethylvinylether	0.0087	U	135-98-8	sec-Butylbenzene	0.0017	U
591-78-6	2-Hexanone	0.0087	U	100-42-5	Styrene	0.0087	U
99-87-6	4-Isopropyltoluene	0.0017	U	75-65-0	t-Butyl Alcohol	0.044	U
108-10-1	4-Methyl-2-Pentanone	0.0087	U	98-06-6	t-Butylbenzene	0.0017	U
67-64-1	Acetone	0.044	U	127-18-4	Tetrachloroethene	0.0087	U
107-02-8	Acrolein	0.044	U	108-88-3	Toluene	0.0017	U
107-13-1	Acrylonitrile	0.0087	U	156-60-5	trans-1,2-Dichloroethene	0.0087	U
71-43-2	Benzene	0.0017	U	10061-02-6	trans-1,3-Dichloropropene	0.0087	U
75-27-4	Bromodichloromethane	0.0087	U	79-01-6	Trichloroethene	0.0087	U
75-25-2	Bromoform	0.0087	U	75-69-4	Trichlorofluoromethane	0.0087	U
74-83-9	Bromomethane	0.0087	U	75-01-4	Vinyl Chloride	0.0087	U
75-15-0	**Carbon Disulfide**	**0.0087**	**0.012**	1330-20-7	Xylenes (Total)	0.0017	U

Worksheet #: 144620

Total Target Concentration 0.012

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210
Data File: 1M54841.D
Analysis Date: 03/08/10 13:49
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 57
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.020 J
2	508-32-7	Tricyclene	6.98	0.091 J
3	5794-03-6	Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-m	7.21	0.049 J
4	928-49-4	3-Hexyne	7.30	0.025 J
5	20536-40-7	ENDOISOCAMPHANE	7.40	0.067 J
6	20536-40-7	ENDOISOCAMPHANE	7.48	0.28 J
7	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.41	0.018 J
8	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.90	0.042 J
9	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.21	0.018 J
10	91-20-3	Naphthalene	9.34	0.033 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0.64

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-003(5X)
Client Id: PI-01-TP-RAP2030210S01
Data File: 1M54843.D
Analysis Date: 03/08/10 14:21
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 1g
Final Vol: NA
Dilution: 5.00
Solids: 62

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.040	U	56-23-5	Carbon Tetrachloride	0.040	U
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	108-90-7	Chlorobenzene	0.040	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.040	U	75-00-3	Chloroethane	0.040	U
79-00-5	1,1,2-Trichloroethane	0.040	U	67-66-3	Chloroform	0.040	U
75-34-3	1,1-Dichloroethane	0.040	U	74-87-3	Chloromethane	0.040	U
75-35-4	1,1-Dichloroethene	0.040	U	156-59-2	cis-1,2-Dichloroethene	0.040	U
96-18-4	1,2,3-Trichloropropane	0.040	U	10061-01-5	cis-1,3-Dichloropropene	0.040	U
95-63-6	1,2,4-Trimethylbenzene	0.0081	U	124-48-1	Dibromochloromethane	0.040	U
95-50-1	1,2-Dichlorobenzene	0.040	U	75-71-8	Dichlorodifluoromethane	0.040	U
107-06-2	1,2-Dichloroethane	0.040	U	100-41-4	Ethylbenzene	0.0081	U
78-87-5	1,2-Dichloropropane	0.040	U	98-82-8	Isopropylbenzene	0.0081	U
108-67-8	1,3,5-Trimethylbenzene	0.0081	U	136777612	m&p-Xylenes	0.0081	U
541-73-1	1,3-Dichlorobenzene	0.040	U	75-09-2	Methylene Chloride	0.040	U
142-28-9	1,3-Dichloropropane	0.040	U	1634-04-4	Methyl-t-butyl ether	0.0081	U
106-46-7	1,4-Dichlorobenzene	0.040	U	**104-51-8**	**n-Butylbenzene**	**0.0081**	**0.020**
123-91-1	1,4-Dioxane	2.0	U	103-65-1	n-Propylbenzene	0.0081	U
78-93-3	2-Butanone	0.040	U	95-47-6	o-Xylene	0.0081	U
110-75-8	2-Chloroethylvinylether	0.040	U	**135-98-8**	**sec-Butylbenzene**	**0.0081**	**0.047**
591-78-6	2-Hexanone	0.040	U	100-42-5	Styrene	0.040	U
99-87-6	4-Isopropyltoluene	0.0081	U	75-65-0	t-Butyl Alcohol	0.20	U
108-10-1	4-Methyl-2-Pentanone	0.040	U	**98-06-6**	**t-Butylbenzene**	**0.0081**	**0.011**
67-64-1	**Acetone**	**0.20**	**0.27**	127-18-4	Tetrachloroethene	0.040	U
107-02-8	Acrolein	0.20	U	108-88-3	Toluene	0.0081	U
107-13-1	Acrylonitrile	0.040	U	156-60-5	trans-1,2-Dichloroethene	0.040	U
71-43-2	Benzene	0.0081	U	10061-02-6	trans-1,3-Dichloropropene	0.040	U
75-27-4	Bromodichloromethane	0.040	U	79-01-6	Trichloroethene	0.040	U
75-25-2	Bromoform	0.040	U	75-69-4	Trichlorofluoromethane	0.040	U
74-83-9	Bromomethane	0.040	U	75-01-4	Vinyl Chloride	0.040	U
75-15-0	**Carbon Disulfide**	**0.040**	**0.093**	1330-20-7	Xylenes (Total)	0.0081	U

Worksheet #: 144620

Total Target Concentration 0.44

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-003(5X)
Client Id: PI-01-TP-RAP2030210
Data File: 1M54843.D
Analysis Date: 03/08/10 14:21
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 1g
Final Vol: NA
Dilution: 5.00
Solids: 62
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	31502-14-4	2-Nonen-1-ol, (E)-	6.95	0.96 J
2		unknown	7.33	0.83 J
3		unknown	7.39	0.83 J
4	4442-79-9	Cyclohexaneethanol	7.77	1.2 J
5	81983-71-3	1,1-DIMETHYL-2-PROPYLCYCLOHEX	7.98	0.91 J
6	91-17-8	Naphthalene, decahydro-	8.12	1.9 J
7		unknown	8.30	0.81 J
8	2958-76-1	2-METHYLDECALIN (PROBABLY TRA	8.53	1.5 J
9	17301-23-4	Undecane, 2,6-dimethyl-	8.89	1.4 J
10	54725-16-5	2H-Inden-2-one, 1,4,5,6,7,7a-hexahydro	9.04	0.80 J

Worksheet #: 144620

Total Tentatively Identified Concentration 11

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210S01
Data File: 1M54842.D
Analysis Date: 03/08/10 14:05
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.15g
Final Vol: NA
Dilution: 0.971
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0058	U	56-23-5	Carbon Tetrachloride	0.0058	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0058	U	108-90-7	Chlorobenzene	0.0058	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0058	U	75-00-3	Chloroethane	0.0058	U
79-00-5	1,1,2-Trichloroethane	0.0058	U	67-66-3	Chloroform	0.0058	U
75-34-3	1,1-Dichloroethane	0.0058	U	74-87-3	Chloromethane	0.0058	U
75-35-4	1,1-Dichloroethene	0.0058	U	156-59-2	cis-1,2-Dichloroethene	0.0058	U
96-18-4	1,2,3-Trichloropropane	0.0058	U	10061-01-5	cis-1,3-Dichloropropene	0.0058	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0058	U
95-50-1	1,2-Dichlorobenzene	0.0058	U	75-71-8	Dichlorodifluoromethane	0.0058	U
107-06-2	1,2-Dichloroethane	0.0058	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0058	U	98-82-8	Isopropylbenzene	0.0012	U
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	136777612	m&p-Xylenes	0.0012	U
541-73-1	1,3-Dichlorobenzene	0.0058	U	75-09-2	Methylene Chloride	0.0058	U
142-28-9	1,3-Dichloropropane	0.0058	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0058	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.29	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0058	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0058	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0058	U	100-42-5	Styrene	0.0058	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.029	U
108-10-1	4-Methyl-2-Pentanone	0.0058	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.029	U	127-18-4	Tetrachloroethene	0.0058	U
107-02-8	Acrolein	0.029	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0058	U	156-60-5	trans-1,2-Dichloroethene	0.0058	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0058	U
75-27-4	Bromodichloromethane	0.0058	U	79-01-6	Trichloroethene	0.0058	U
75-25-2	Bromoform	0.0058	U	75-69-4	Trichlorofluoromethane	0.0058	U
74-83-9	Bromomethane	0.0058	U	75-01-4	Vinyl Chloride	0.0058	U
75-15-0	Carbon Disulfide	0.0058	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144620

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210
Data File: 1M54842.D
Analysis Date: 03/08/10 14:05
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.15g
Final Vol: NA
Dilution: 0.971
Solids: 84
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.025 J
2	54774-91-3	2-Propenoic acid, 6-methylheptyl ester	8.65	0.0042 J

Worksheet #: 144620

Total Tentativelv Identified Concentration 0.029

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-005
Client Id: PI-01-TP-RAN3030210S01
Data File: 2M49903.D
Analysis Date: 03/09/10 09:04
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Methanol
Extraction Ratio: 5.08g:10ml
Final Vol: NA
Dilution: 98.4
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.17	U	56-23-5	Carbon Tetrachloride	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	108-90-7	Chlorobenzene	0.17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.85	U	75-00-3	Chloroethane	0.17	U
79-00-5	1,1,2-Trichloroethane	0.17	U	67-66-3	Chloroform	0.17	U
75-34-3	1,1-Dichloroethane	0.17	U	74-87-3	Chloromethane	0.17	U
75-35-4	1,1-Dichloroethene	0.17	U	156-59-2	cis-1,2-Dichloroethene	0.17	U
96-18-4	1,2,3-Trichloropropane	0.17	U	10061-01-5	cis-1,3-Dichloropropene	0.17	U
95-63-6	1,2,4-Trimethylbenzene	0.17	U	124-48-1	Dibromochloromethane	0.17	U
95-50-1	1,2-Dichlorobenzene	0.17	U	75-71-8	Dichlorodifluoromethane	0.17	U
107-06-2	1,2-Dichloroethane	0.085	U	100-41-4	Ethylbenzene	0.17	U
78-87-5	1,2-Dichloropropane	0.17	U	**98-82-8**	**Isopropylbenzene**	**0.17**	**0.22**
108-67-8	1,3,5-Trimethylbenzene	0.17	U	136777612	m&p-Xylenes	0.17	U
541-73-1	1,3-Dichlorobenzene	0.17	U	75-09-2	Methylene Chloride	0.17	U
142-28-9	1,3-Dichloropropane	0.17	U	1634-04-4	Methyl-t-butyl ether	0.085	U
106-46-7	1,4-Dichlorobenzene	0.17	U	**104-51-8**	**n-Butylbenzene**	**0.17**	**0.18**
123-91-1	1,4-Dioxane	8.5	U	**103-65-1**	**n-Propylbenzene**	**0.17**	**0.21**
78-93-3	2-Butanone	0.17	U	95-47-6	o-Xylene	0.17	U
110-75-8	2-Chloroethylvinylether	0.17	U	135-98-8	sec-Butylbenzene	0.17	U
591-78-6	2-Hexanone	0.17	U	100-42-5	Styrene	0.17	U
99-87-6	4-Isopropyltoluene	0.17	U	75-65-0	t-Butyl Alcohol	0.85	U
108-10-1	4-Methyl-2-Pentanone	0.17	U	98-06-6	t-Butylbenzene	0.17	U
67-64-1	Acetone	0.85	U	127-18-4	Tetrachloroethene	0.17	U
107-02-8	Acrolein	0.85	U	108-88-3	Toluene	0.17	U
107-13-1	Acrylonitrile	0.85	U	156-60-5	trans-1,2-Dichloroethene	0.17	U
71-43-2	Benzene	0.085	U	10061-02-6	trans-1,3-Dichloropropene	0.17	U
75-27-4	Bromodichloromethane	0.17	U	79-01-6	Trichloroethene	0.17	U
75-25-2	Bromoform	0.17	U	75-69-4	Trichlorofluoromethane	0.17	U
74-83-9	Bromomethane	0.17	U	75-01-4	Vinyl Chloride	0.17	U
75-15-0	Carbon Disulfide	0.17	U	1330-20-7	Xylenes (Total)	0.17	U

Worksheet #: 144620

Total Target Concentration 0.61

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-005
Client Id: PI-01-TP-RAN3030210
Data File: 2M49903.D
Analysis Date: 03/09/10 09:04
Date Rec/Extracted: 03/04/10-NA

Matrix: Methanol
Extraction Ratio: 5.08g:10ml
Final Vol: NA
Dilution: 98.4
Solids: 58
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.12	1.7 J
2	488-23-3	Benzene, 1,2,3,4-tetramethyl-	8.59	1.7 J
3	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	8.80	2.3 J
4	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	8.91	3.2 J
5		unknown	9.12	1.7 J
6	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.37	3.1 J
7	2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	9.51	2.4 J
8	4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dim	9.62	1.6 J
9	90-12-0	Naphthalene, 1-methyl-	9.77	7.1 J
10	91-57-6	Naphthalene, 2-methyl-	9.90	5.4 J

Worksheet #: 144620

Total Tentatively Identified Concentration 30

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210S01
Data File: 9M23594.D
Analysis Date: 03/05/10 18:05
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 56

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.12	U	191-24-2	Benzo[g,h,i]perylene	0.12	U
122-66-7	1,2-Diphenylhydrazine	0.12	U	207-08-9	Benzo[k]fluoranthene	0.12	U
95-95-4	2,4,5-Trichlorophenol	0.12	U	65-85-0	Benzoic Acid	0.60	U
88-06-2	2,4,6-Trichlorophenol	0.12	U	111-91-1	bis(2-Chloroethoxy)methan	0.12	U
120-83-2	2,4-Dichlorophenol	0.12	U	111-44-4	bis(2-Chloroethyl)ether	0.12	U
105-67-9	2,4-Dimethylphenol	0.12	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
51-28-5	2,4-Dinitrophenol	0.60	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.12	U
121-14-2	2,4-Dinitrotoluene	0.12	U	85-68-7	Butylbenzylphthalate	0.12	U
606-20-2	2,6-Dinitrotoluene	0.12	U	86-74-8	Carbazole	0.12	U
91-58-7	2-Chloronaphthalene	0.12	U	218-01-9	Chrysene	0.12	U
95-57-8	2-Chlorophenol	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.12	U
91-57-6	2-Methylnaphthalene	0.12	U	132-64-9	Dibenzofuran	0.12	U
95-48-7	2-Methylphenol	0.12	U	84-66-2	Diethylphthalate	0.12	U
88-74-4	2-Nitroaniline	0.12	U	131-11-3	Dimethylphthalate	0.12	U
88-75-5	2-Nitrophenol	0.12	U	84-74-2	Di-n-butylphthalate	0.12	U
106-44-5	3&4-Methylphenol	0.12	U	117-84-0	Di-n-octylphthalate	0.12	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	206-44-0	Fluoranthene	0.12	U
99-09-2	3-Nitroaniline	0.12	U	86-73-7	Fluorene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.60	U	118-74-1	Hexachlorobenzene	0.12	U
101-55-3	4-Bromophenyl-phenylether	0.12	U	87-68-3	Hexachlorobutadiene	0.12	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.60	U
106-47-8	4-Chloroaniline	0.12	U	67-72-1	Hexachloroethane	0.12	U
7005-72-3	4-Chlorophenyl-phenylether	0.12	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.12	U
100-01-6	4-Nitroaniline	0.12	U	78-59-1	Isophorone	0.12	U
100-02-7	4-Nitrophenol	0.12	U	91-20-3	Naphthalene	0.12	U
83-32-9	Acenaphthene	0.12	U	98-95-3	Nitrobenzene	0.12	U
208-96-8	Acenaphthylene	0.12	U	62-75-9	N-Nitrosodimethylamine	0.12	U
62-53-3	Aniline	0.12	U	621-64-7	N-Nitroso-di-n-propylamine	0.12	U
120-12-7	Anthracene	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.12	U
92-87-5	Benzidine	0.60	U	87-86-5	Pentachlorophenol	0.60	U
56-55-3	Benzo[a]anthracene	0.12	U	85-01-8	Phenanthrene	0.12	U
50-32-8	Benzo[a]pyrene	0.12	U	108-95-2	Phenol	0.12	U
205-99-2	Benzo[b]fluoranthene	0.12	U	129-00-0	Pyrene	0.12	U

Worksheet #: 144678

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210
Data File: 9M23594.D
Analysis Date: 03/05/10 18:05
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 56
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.79	0.54 JAB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.69	290 JAB
3	111-76-2	Ethanol, 2-butoxy-	4.27	0.33 J
4		unknown	4.38	1.1 JB
5	5131-66-8	2-Propanol, 1-butoxy-	4.60	0.44 J
6	108-67-8	Benzene, 1,3,5-trimethyl-	5.06	0.25 J
7		unknown	6.20	0.37 JB
8	112-95-8	Eicosane	9.78	0.25 J
9	593-45-3	Octadecane	10.22	0.32 J
10	7225-64-1	Heptadecane, 9-octyl-	10.66	0.45 J
11	638-68-6	Triacontane	11.09	0.46 J
12	1560-97-0	Dodecane, 2-methyl-	11.50	0.53 J
13	593-45-3	Octadecane	11.64	0.24 J
14	629-99-2	Pentacosane	11.90	0.44 J
15		unknown	12.25	0.27 J
16	55282-12-7	Octadecane, 3-ethyl-5-(2-ethylbutyl)-	12.29	0.40 J
17		unknown	12.41	0.34 J
18	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.78	0.36 J
19	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.04	2.1 J
20		unknown	15.64	0.25 J

Worksheet #: 144678

Total Tentatively Identified Concentration 300

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210S01
Data File: 9M23609.D
Analysis Date: 03/08/10 09:23
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 57

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.12	U	191-24-2	Benzo[g,h,i]perylene	0.12	U
122-66-7	1,2-Diphenylhydrazine	0.12	U	207-08-9	Benzo[k]fluoranthene	0.12	U
95-95-4	2,4,5-Trichlorophenol	0.12	U	65-85-0	Benzoic Acid	0.58	U
88-06-2	2,4,6-Trichlorophenol	0.12	U	111-91-1	bis(2-Chloroethoxy)methan	0.12	U
120-83-2	2,4-Dichlorophenol	0.12	U	111-44-4	bis(2-Chloroethyl)ether	0.12	U
105-67-9	2,4-Dimethylphenol	0.12	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
51-28-5	2,4-Dinitrophenol	0.58	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.12	U
121-14-2	2,4-Dinitrotoluene	0.12	U	85-68-7	Butylbenzylphthalate	0.12	U
606-20-2	2,6-Dinitrotoluene	0.12	U	86-74-8	Carbazole	0.12	U
91-58-7	2-Chloronaphthalene	0.12	U	**218-01-9**	**Chrysene**	**0.12**	**0.17**
95-57-8	2-Chlorophenol	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.12	U
91-57-6	**2-Methylnaphthalene**	**0.12**	**0.53**	132-64-9	Dibenzofuran	0.12	U
95-48-7	2-Methylphenol	0.12	U	84-66-2	Diethylphthalate	0.12	U
88-74-4	2-Nitroaniline	0.12	U	131-11-3	Dimethylphthalate	0.12	U
88-75-5	2-Nitrophenol	0.12	U	84-74-2	Di-n-butylphthalate	0.12	U
106-44-5	3&4-Methylphenol	0.12	U	117-84-0	Di-n-octylphthalate	0.12	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	**206-44-0**	**Fluoranthene**	**0.12**	**0.34**
99-09-2	3-Nitroaniline	0.12	U	86-73-7	Fluorene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.58	U	118-74-1	Hexachlorobenzene	0.12	U
101-55-3	4-Bromophenyl-phenylether	0.12	U	87-68-3	Hexachlorobutadiene	0.12	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.58	U
106-47-8	4-Chloroaniline	0.12	U	67-72-1	Hexachloroethane	0.12	U
7005-72-3	4-Chlorophenyl-phenylether	0.12	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.12	U
100-01-6	4-Nitroaniline	0.12	U	78-59-1	Isophorone	0.12	U
100-02-7	4-Nitrophenol	0.12	U	**91-20-3**	**Naphthalene**	**0.12**	**0.34**
83-32-9	Acenaphthene	0.12	U	98-95-3	Nitrobenzene	0.12	U
208-96-8	Acenaphthylene	0.12	U	62-75-9	N-Nitrosodimethylamine	0.12	U
62-53-3	Aniline	0.12	U	621-64-7	N-Nitroso-di-n-propylamine	0.12	U
120-12-7	Anthracene	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.12	U
92-87-5	Benzidine	0.58	U	87-86-5	Pentachlorophenol	0.58	U
56-55-3	Benzo[a]anthracene	0.12	U	**85-01-8**	**Phenanthrene**	**0.12**	**0.33**
50-32-8	Benzo[a]pyrene	0.12	U	108-95-2	Phenol	0.12	U
205-99-2	**Benzo[b]fluoranthene**	**0.12**	**0.13**	**129-00-0**	**Pyrene**	**0.12**	**0.27**

Worksheet #: 144678

Total Target Concentration 2.1

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210
Data File: 9M23609.D
Analysis Date: 03/08/10 09:23
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 57
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	260 JAB
2	629-78-7	Heptadecane	8.39	1.5 J
3	544-63-8	Tetradecanoic acid	9.60	5.3 J
4		unknown	9.87	1.8 J
5		unknown	9.99	3.3 J
6	40230-93-1	3-[(Trimethylsilyl)ethynyl]benzotrifluor	10.09	1.4 J
7	54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	10.21	1.5 J
8	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.34	2.9 J
9	7225-66-3	Tridecane, 7-hexyl-	10.65	1.6 J
10	16914-12-8	(E,E)-2,5-Diphenyl-2,4-hexadiene	10.88	3.1 J
11	638-67-5	Tricosane	11.08	1.7 J
12	630-06-8	Hexatriacontane	11.89	1.6 J
13		unknown	13.26	4.5 J
14		unknown	13.31	3.4 J
15	19454-79-6	19-NORCHOLESTA-1,3,5(10)-TRIEN-6-	13.67	1.8 J
16		unknown	13.87	2.3 J
17		unknown	13.92	3.6 J
18		unknown	13.97	2.1 J
19		unknown	14.13	2.5 J
20		unknown	14.26	1.4 J
21		unknown	14.65	3.1 J
22	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.02	5.8 J
23		unknown	15.11	2.5 J
24		unknown	15.19	2.3 J
25		unknown	15.53	9.5 J

Worksheet #: 144678

Total Tentatively Identified Concentration 330

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-003(10X)
Client Id: PI-01-TP-RAP2030210S01
Data File: 9M23616.D
Analysis Date: 03/08/10 12:54
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 4.5ml
Dilution: 10
Solids: 62

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	4.8	U	**191-24-2**	**Benzo[g,h,i]perylene**	**4.8**	**5.1**
122-66-7	1,2-Diphenylhydrazine	4.8	U	207-08-9	Benzo[k]fluoranthene	4.8	U
95-95-4	2,4,5-Trichlorophenol	4.8	U	65-85-0	Benzoic Acid	24	U
88-06-2	2,4,6-Trichlorophenol	4.8	U	111-91-1	bis(2-Chloroethoxy)methan	4.8	U
120-83-2	2,4-Dichlorophenol	4.8	U	111-44-4	bis(2-Chloroethyl)ether	4.8	U
105-67-9	2,4-Dimethylphenol	4.8	U	108-60-1	bis(2-chloroisopropyl)ether	4.8	U
51-28-5	2,4-Dinitrophenol	24	U	117-81-7	bis(2-Ethylhexyl)phthalate	4.8	U
121-14-2	2,4-Dinitrotoluene	4.8	U	85-68-7	Butylbenzylphthalate	4.8	U
606-20-2	2,6-Dinitrotoluene	4.8	U	86-74-8	Carbazole	4.8	U
91-58-7	2-Chloronaphthalene	4.8	U	**218-01-9**	**Chrysene**	**4.8**	**16**
95-57-8	2-Chlorophenol	4.8	U	53-70-3	Dibenzo[a,h]anthracene	4.8	U
91-57-6	2-Methylnaphthalene	4.8	U	132-64-9	Dibenzofuran	4.8	U
95-48-7	2-Methylphenol	4.8	U	84-66-2	Diethylphthalate	4.8	U
88-74-4	2-Nitroaniline	4.8	U	131-11-3	Dimethylphthalate	4.8	U
88-75-5	2-Nitrophenol	4.8	U	84-74-2	Di-n-butylphthalate	4.8	U
106-44-5	3&4-Methylphenol	4.8	U	117-84-0	Di-n-octylphthalate	4.8	U
91-94-1	3,3'-Dichlorobenzidine	4.8	U	**206-44-0**	**Fluoranthene**	**4.8**	**6.0**
99-09-2	3-Nitroaniline	4.8	U	86-73-7	Fluorene	4.8	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U	118-74-1	Hexachlorobenzene	4.8	U
101-55-3	4-Bromophenyl-phenylether	4.8	U	87-68-3	Hexachlorobutadiene	4.8	U
59-50-7	4-Chloro-3-methylphenol	4.8	U	77-47-4	Hexachlorocyclopentadiene	24	U
106-47-8	4-Chloroaniline	4.8	U	67-72-1	Hexachloroethane	4.8	U
7005-72-3	4-Chlorophenyl-phenylether	4.8	U	193-39-5	Indeno[1,2,3-cd]pyrene	4.8	U
100-01-6	4-Nitroaniline	4.8	U	78-59-1	Isophorone	4.8	U
100-02-7	4-Nitrophenol	4.8	U	91-20-3	Naphthalene	4.8	U
83-32-9	**Acenaphthene**	**4.8**	**5.0**	98-95-3	Nitrobenzene	4.8	U
208-96-8	Acenaphthylene	4.8	U	62-75-9	N-Nitrosodimethylamine	4.8	U
62-53-3	Aniline	4.8	U	621-64-7	N-Nitroso-di-n-propylamine	4.8	U
120-12-7	**Anthracene**	**4.8**	**11**	86-30-6	n-Nitrosodiphenylamine	4.8	U
92-87-5	Benzidine	24	U	87-86-5	Pentachlorophenol	24	U
56-55-3	**Benzo[a]anthracene**	**4.8**	**11**	85-01-8	Phenanthrene	4.8	U
50-32-8	**Benzo[a]pyrene**	**4.8**	**7.4**	108-95-2	Phenol	4.8	U
205-99-2	Benzo[b]fluoranthene	4.8	U	**129-00-0**	**Pyrene**	**4.8**	**41**

Worksheet #: 144678

Total Target Concentration 100

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-003(10X)
Client Id: PI-01-TP-RAP2030210
Data File: 9M23616.D
Analysis Date: 03/08/10 12:54
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 4.5ml
Dilution: 10
Solids: 62
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	330 JAB
2	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.73	24 J
3	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.83	24 J
4	829-26-5	Naphthalene, 2,3,6-trimethyl-	7.90	27 J
5	2523-37-7	9H-Fluorene, 9-methyl-	8.55	25 J
6		unknown	8.85	25 J
7	7372-88-5	Dibenzothiophene, 4-methyl-	9.29	26 J
8	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.48	35 J
9		unknown	9.61	43 J
10	1207-15-4	2,8-Dimethyldibenzothiophene	9.83	25 J
11	3674-66-6	Phenanthrene, 2,5-dimethyl-	9.98	45 J
12	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.10	65 J
13		unknown	10.12	27 J
14	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.19	27 J
15	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.34	27 J
16	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.57	34 J
17	18694-06-9	[4,4'-Bipyrimidine]-2,2',6(1H,1'H,3H)-tr	10.62	54 J
18		unknown	10.92	46 J
19	3353-12-6	Pyrene, 4-methyl-	11.04	27 J
20	3353-12-6	Pyrene, 4-methyl-	11.15	33 J
21	2381-21-7	Pyrene, 1-methyl-	11.18	29 J
22	15254-25-8	2,3,6,7-Tetramethylanthracene	11.25	34 J
23	84-15-1	1,1':2',1"-Terphenyl	11.64	28 J
24	64401-21-4	Pyrene, 1,3-dimethyl-	11.73	27 J
25		unknown	13.85	24 J

IL 3.9.10

Worksheet #: 144678

Total Tentatively Identified Concentration 1100

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210S01
Data File: 9M23595.D
Analysis Date: 03/05/10 18:28
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.079	U	191-24-2	Benzo[g,h,i]perylene	0.079	U
122-66-7	1,2-Diphenylhydrazine	0.079	U	207-08-9	Benzo[k]fluoranthene	0.079	U
95-95-4	2,4,5-Trichlorophenol	0.079	U	65-85-0	Benzoic Acid	0.40	U
88-06-2	2,4,6-Trichlorophenol	0.079	U	111-91-1	bis(2-Chloroethoxy)methan	0.079	U
120-83-2	2,4-Dichlorophenol	0.079	U	111-44-4	bis(2-Chloroethyl)ether	0.079	U
105-67-9	2,4-Dimethylphenol	0.079	U	108-60-1	bis(2-chloroisopropyl)ether	0.079	U
51-28-5	2,4-Dinitrophenol	0.40	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.079	U
121-14-2	2,4-Dinitrotoluene	0.079	U	85-68-7	Butylbenzylphthalate	0.079	U
606-20-2	2,6-Dinitrotoluene	0.079	U	86-74-8	Carbazole	0.079	U
91-58-7	2-Chloronaphthalene	0.079	U	218-01-9	Chrysene	0.079	U
95-57-8	2-Chlorophenol	0.079	U	53-70-3	Dibenzo[a,h]anthracene	0.079	U
91-57-6	2-Methylnaphthalene	0.079	U	132-64-9	Dibenzofuran	0.079	U
95-48-7	2-Methylphenol	0.079	U	84-66-2	Diethylphthalate	0.079	U
88-74-4	2-Nitroaniline	0.079	U	131-11-3	Dimethylphthalate	0.079	U
88-75-5	2-Nitrophenol	0.079	U	84-74-2	Di-n-butylphthalate	0.079	U
106-44-5	3&4-Methylphenol	0.079	U	117-84-0	Di-n-octylphthalate	0.079	U
91-94-1	3,3'-Dichlorobenzidine	0.079	U	206-44-0	Fluoranthene	0.079	U
99-09-2	3-Nitroaniline	0.079	U	86-73-7	Fluorene	0.079	U
534-52-1	4,6-Dinitro-2-methylphenol	0.40	U	118-74-1	Hexachlorobenzene	0.079	U
101-55-3	4-Bromophenyl-phenylether	0.079	U	87-68-3	Hexachlorobutadiene	0.079	U
59-50-7	4-Chloro-3-methylphenol	0.079	U	77-47-4	Hexachlorocyclopentadiene	0.40	U
106-47-8	4-Chloroaniline	0.079	U	67-72-1	Hexachloroethane	0.079	U
7005-72-3	4-Chlorophenyl-phenylether	0.079	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.079	U
100-01-6	4-Nitroaniline	0.079	U	78-59-1	Isophorone	0.079	U
100-02-7	4-Nitrophenol	0.079	U	91-20-3	Naphthalene	0.079	U
83-32-9	Acenaphthene	0.079	U	98-95-3	Nitrobenzene	0.079	U
208-96-8	Acenaphthylene	0.079	U	62-75-9	N-Nitrosodimethylamine	0.079	U
62-53-3	Aniline	0.079	U	621-64-7	N-Nitroso-di-n-propylamine	0.079	U
120-12-7	Anthracene	0.079	U	86-30-6	n-Nitrosodiphenylamine	0.079	U
92-87-5	Benzidine	0.40	U	87-86-5	Pentachlorophenol	0.40	U
56-55-3	Benzo[a]anthracene	0.079	U	85-01-8	Phenanthrene	0.079	U
50-32-8	Benzo[a]pyrene	0.079	U	108-95-2	Phenol	0.079	U
205-99-2	Benzo[b]fluoranthene	0.079	U	129-00-0	Pyrene	0.079	U

Worksheet #: 144678

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210
Data File: 9M23595.D
Analysis Date: 03/05/10 18:28
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 84
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	1534-08-3	Ethanethioic acid, S-methyl ester	2.67	0.36 J
2	141-79-7	3-Penten-2-one, 4-methyl-	2.79	0.37 JAB
3		unknown	3.20	0.17 JB
4		unknown	3.25	0.18 J
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	190 JAB
6		unknown	4.38	0.76 JB
7	5131-66-8	2-Propanol, 1-butoxy-	4.60	0.25 J
8		unknown	6.20	0.25 JB
9		unknown	8.41	0.24 J
10		unknown	13.44	0.25 J
11	55401-55-3	Docosane, 11-decyl-	14.04	0.18 J
12		unknown	15.03	0.23 J
13	64417-14-7	Phenyltetramethylcyclopentadiene	15.83	0.33 J

Worksheet #: 144678

Total Tentatively Identified Concentration 190

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-005(5X)
Client Id: PI-01-TP-RAN3030210S01
Data File: 9M23612.D
Analysis Date: 03/08/10 10:31
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.57	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.57**	**1.2**
122-66-7	1,2-Diphenylhydrazine	0.57	U	207-08-9	Benzo[k]fluoranthene	0.57	U
95-95-4	2,4,5-Trichlorophenol	0.57	U	65-85-0	Benzoic Acid	2.9	U
88-06-2	2,4,6-Trichlorophenol	0.57	U	111-91-1	bis(2-Chloroethoxy)methan	0.57	U
120-83-2	2,4-Dichlorophenol	0.57	U	111-44-4	bis(2-Chloroethyl)ether	0.57	U
105-67-9	2,4-Dimethylphenol	0.57	U	108-60-1	bis(2-chloroisopropyl)ether	0.57	U
51-28-5	2,4-Dinitrophenol	2.9	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.57	U
121-14-2	2,4-Dinitrotoluene	0.57	U	85-68-7	Butylbenzylphthalate	0.57	U
606-20-2	2,6-Dinitrotoluene	0.57	U	86-74-8	Carbazole	0.57	U
91-58-7	2-Chloronaphthalene	0.57	U	**218-01-9**	**Chrysene**	**0.57**	**2.8**
95-57-8	2-Chlorophenol	0.57	U	53-70-3	Dibenzo[a,h]anthracene	0.57	U
91-57-6	**2-Methylnaphthalene**	**0.57**	**13**	132-64-9	Dibenzofuran	0.57	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	0.57	U
88-74-4	2-Nitroaniline	0.57	U	131-11-3	Dimethylphthalate	0.57	U
88-75-5	2-Nitrophenol	0.57	U	84-74-2	Di-n-butylphthalate	0.57	U
106-44-5	3&4-Methylphenol	0.57	U	117-84-0	Di-n-octylphthalate	0.57	U
91-94-1	3,3'-Dichlorobenzidine	0.57	U	**206-44-0**	**Fluoranthene**	**0.57**	**1.4**
99-09-2	3-Nitroaniline	0.57	U	**86-73-7**	**Fluorene**	**0.57**	**2.6**
534-52-1	4,6-Dinitro-2-methylphenol	2.9	U	118-74-1	Hexachlorobenzene	0.57	U
101-55-3	4-Bromophenyl-phenylether	0.57	U	87-68-3	Hexachlorobutadiene	0.57	U
59-50-7	4-Chloro-3-methylphenol	0.57	U	77-47-4	Hexachlorocyclopentadiene	2.9	U
106-47-8	4-Chloroaniline	0.57	U	67-72-1	Hexachloroethane	0.57	U
7005-72-3	4-Chlorophenyl-phenylether	0.57	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.57	U
100-01-6	4-Nitroaniline	0.57	U	78-59-1	Isophorone	0.57	U
100-02-7	4-Nitrophenol	0.57	U	**91-20-3**	**Naphthalene**	**0.57**	**0.83**
83-32-9	**Acenaphthene**	**0.57**	**1.6**	98-95-3	Nitrobenzene	0.57	U
208-96-8	Acenaphthylene	0.57	U	62-75-9	N-Nitrosodimethylamine	0.57	U
62-53-3	Aniline	0.57	U	621-64-7	N-Nitroso-di-n-propylamine	0.57	U
120-12-7	**Anthracene**	**0.57**	**2.2**	86-30-6	n-Nitrosodiphenylamine	0.57	U
92-87-5	Benzidine	2.9	U	87-86-5	Pentachlorophenol	2.9	U
56-55-3	**Benzo[a]anthracene**	**0.57**	**1.9**	**85-01-8**	**Phenanthrene**	**0.57**	**11**
50-32-8	**Benzo[a]pyrene**	**0.57**	**1.2**	108-95-2	Phenol	0.57	U
205-99-2	**Benzo[b]fluoranthene**	**0.57**	**0.67**	**129-00-0**	**Pyrene**	**0.57**	**8.1**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-005(5X)
Client Id: PI-01-TP-RAN3030210
Data File: 9M23612.D
Analysis Date: 03/08/10 10:31
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 58
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	290 JAB
2	90-12-0	Naphthalene, 1-methyl-	6.82	11 J
3	1127-76-0	Naphthalene, 1-ethyl-	7.17	7.3 J
4	571-61-9	Naphthalene, 1,5-dimethyl-	7.22	14 J
5	575-41-7	Naphthalene, 1,3-dimethyl-	7.28	13 J
6	581-42-0	Naphthalene, 2,6-dimethyl-	7.30	7.8 J
7	581-40-8	Naphthalene, 2,3-dimethyl-	7.37	6.8 J
8	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.65	10 J
9	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.73	9.0 J
10	2131-41-1	Naphthalene, 1,4,5-trimethyl-	7.91	7.6 J
11	1430-97-3	9H-Fluorene, 2-methyl-	8.58	7.4 J
12	629-62-9	Pentadecane	8.87	8.6 J
13	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.07	7.4 J
14	16587-52-3	Dibenzothiophene, 3-methyl-	9.29	8.7 J
15	832-64-4	Phenanthrene, 4-methyl-	9.48	15 J
16	613-12-7	Anthracene, 2-methyl-	9.51	18 J
17	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.59	14 J
18	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.63	8.9 J
19	3674-66-6	Phenanthrene, 2,5-dimethyl-	9.98	10 J
20	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.02	11 J
21	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.10	22 J
22	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.13	11 J
23	781-43-1	Anthracene, 9,10-dimethyl-	10.20	7.9 J
24		unknown	10.34	9.1 J
25	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.62	8.8 J

Worksheet #: 144678

Total Tentatively Identified Concentration 540

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G

TestGroup: %SOLIDS

Project #: 0030408

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC50108-001	PI-01-TP-RAP303	Soil	1	56	Percent			03/05/10	03/04/10	03/02/10
AC50108-002	PI-01-TP-RAP103	Soil	1	57	Percent			03/05/10	03/04/10	03/02/10
AC50108-003	PI-01-TP-RAP203	Soil	1	62	Percent			03/05/10	03/04/10	03/02/10
AC50108-004	PI-01-TP-RAP403	Soil	1	84	Percent			03/05/10	03/04/10	03/02/10
AC50108-005	PI-01-TP-RAN303	Soil	1	58	Percent			03/05/10	03/04/10	03/02/10

Chain of Custody Forms

0033

Veritech/Division of Hampton-Clarke — **CHAIN OF CUSTODY RECORD**

175 US Hwy 46 West, Fairfield, New Jersey 07004 & 198 Route 46 East, 1st Floor, Fairfield, New Jersey 07004

Ph: 800-426-9992
Fax: 973-439-1458

Project#(Lab Use Only): 0030408

Page 1 of 1

NELAC/NJ# 07071/07069 CT# PH-0671 NY/ELAP# 11408/11939 PA# 68-463/68-04409 WV# 353 KY# 90124

3) Reporting Requirements(please circle)

Customer Information	Project Information	Turnaround Time	Report type	Electronic Deliv
1a) Customer: Hatch Mott MacDonald	2a) Project: Port Ivory - Site 1 RA	24-Hour(100%)	Data Sum	Hazsite/Csv
Address: 27 Bleeker St. Millburn, NJ 07041	2b) Project Manager: Rob Trepp	48-Hour(75%)	Waste	Equis
1b) ~~Email~~/Cell/Fax/Ph: Robert.Trepp@hatchmott.com	2c) Location (City/State): Staten Island, NY	72-Hour (50%)	Red-NJ/NY/PA	Excel-NJCC
1c) Send Invoice To: Angelos ZaFarelis		4 Day (TPH)	CLP	~~Excel-Nytagm~~
1d) Send Report To: Rob Trepp & A. ZaFarelis	2d) Quote#/PO# (If Applicable):	1-Week(25%)	Full/Cat-B	~~Excel-PAActII~~
		10 Days(10%)	Cat-A	PDF
		~~Standard~~	Other:	Other:
		Other:		

Expedited TAT Not always available (Please check with lab)!

7) Analysis Request

FOR LAB USE ONLY — Batch# AC50108

Check if Contingent===> <===Check if Contingent

Matrix Codes: DW-Drinking Water; GW-Ground Water; WW-Waste Water; S-Soil; SL-Sludge; O-Oil; A-Air; Ot-Other

Lab Sample#	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Sample Type: Composite(C)	Sample Type: Grab(G)	TCL VOCs+10	TCL SVOCs+20	8) # Of Bottles: None	MeOH	Encore	NaOH	HCl	H_2SO_4	HNO_3	Other:	9) Methanol Bottle Numbers (If applicable) / Comments
-001	PI-01-TP-RAP30302105	S	3/2/10	9 AM		✓	✓	✓	2								
-002	PI-01-TP-RAP10302105	S	3/2/10	11 AM		✓	✓	✓	2								
-003	PI-01-TP-RAP20302105	S	3/2/10	11 AM		✓	✓	✓	2								
-004	PI-01-TP-RAP40302105	S	3/2/10	10AM		✓	✓	✓	2								
-005	PI-01-TP-RAN30302105	S	3/2/10	1 PM		✓	✓	✓	2								

10) Relinquished By:	Accepted By	Date	Time
[signature]	Eric Moody	3/4/10	
Eric Moody	[signature]	3/4/10	10:50
[signature]	[signature]	3/4/10	11:40

Comments, Notes, Special Requirements, HAZARDS

- Port Authority pricing
- NYS Cat B Deliverables
- Standard T.A.T

11) Sampler: [signature] Date: 3/2/10

Cooler Tmp 3.7°C

Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any analysis

CONDITION UPON RECEIPT

Batch Number AC50108 Entered By: children
Date Entered 3/4/2010 12:42:00 PM

1	Yes	Is there a corresponding COC included with the samples?
2	Yes	Are the samples in a container such as a cooler or Ice chest?
3	Yes	Are the COC seals intact?
4	Yes	Please specify the Temperature inside the container (in degC) 3.7
5	Yes	Are the samples refrigerated (where required)/have they arrived on ice?
6	Yes	Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
7	Yes	Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
8	Yes	Are all of the sample labels or numbers legible? If no specify:
9	Yes	Do the contents match the COC? If no, specify
10	Yes	Is there enough sample sent for the analyses listed on the COC? If no, specify:
11	Yes	Are samples preserved correctly?
12	NA	Are all soils preserved in methanol accompanied by dry soil?
13	NA	Other comments ...Specify
14	NA	Corrective actions (Specify item number and corrective action taken).

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC50108-001	03/04/10 11:40	CHILD	0	M	Received
AC50108-001	03/04/10 12:26	CHILD	0	M	Login
AC50108-001	03/04/10 13:03	R12	1	A	NONE
AC50108-001	03/05/10 08:45	SDL	1	A	MIXING
AC50108-001	03/05/10 09:58	MLC	1	A	BNA
AC50108-001	03/05/10 09:59	R12	1	A	NONE
AC50108-001	03/05/10 10:47	PRAS	1	M	%SOLIDS
AC50108-001	03/05/10 14:51	R12	1	A	NONE
AC50108-001	03/05/10 07:16	R21	2	A	NONE
AC50108-001	03/05/10 10:59	WP	2	A	voa
AC50108-001	03/05/10 11:31	R21	2	A	NONE
AC50108-001	03/05/10 11:31	R21	3	A	NONE
AC50108-001	03/05/10 19:21	R21	4	A	NONE
AC50108-001	03/08/10 10:13	R21	4	M	NONE
AC50108-001	03/08/10 10:54	SG	4	A	VOA
AC50108-001	03/08/10 11:16	R21	4	M	NONE
AC50108-002	03/04/10 11:40	CHILD	0	M	Received
AC50108-002	03/04/10 12:26	CHILD	0	M	Login
AC50108-002	03/04/10 13:03	R12	1	A	NONE
AC50108-002	03/05/10 08:45	SDL	1	A	MIXING
AC50108-002	03/05/10 09:58	MLC	1	A	BNA
AC50108-002	03/05/10 09:59	R12	1	A	NONE
AC50108-002	03/05/10 10:47	PRAS	1	M	%SOLIDS
AC50108-002	03/05/10 14:51	R12	1	A	NONE
AC50108-002	03/05/10 07:16	R21	2	A	NONE
AC50108-002	03/05/10 10:59	WP	2	A	voa
AC50108-002	03/05/10 11:31	R21	2	A	NONE
AC50108-002	03/08/10 10:44	SG	2	A	VOA
AC50108-002	03/08/10 10:51	R21	2	A	NONE
AC50108-002	03/05/10 19:21	R21	3	A	NONE
AC50108-002	03/05/10 11:31	R21	4	A	NONE
AC50108-003	03/04/10 11:40	CHILD	0	M	Received
AC50108-003	03/04/10 12:26	CHILD	0	M	Login
AC50108-003	03/04/10 13:03	R12	1	A	NONE
AC50108-003	03/05/10 08:45	SDL	1	A	MIXING
AC50108-003	03/05/10 09:58	MLC	1	A	BNA
AC50108-003	03/05/10 09:59	R12	1	A	NONE
AC50108-003	03/05/10 10:47	PRAS	1	M	%SOLIDS
AC50108-003	03/05/10 14:51	R12	1	A	NONE
AC50108-003	03/05/10 07:16	R21	2	A	NONE
AC50108-003	03/05/10 10:59	WP	2	A	voa
AC50108-003	03/05/10 11:31	R21	2	A	NONE
AC50108-003	03/08/10 10:44	SG	2	A	VOA
AC50108-003	03/08/10 10:51	R21	2	A	NONE
AC50108-003	03/05/10 11:31	R21	3	A	NONE
AC50108-003	03/05/10 19:21	R21	4	A	NONE
AC50108-003	03/08/10 10:13	R21	4	M	NONE
AC50108-003	03/08/10 10:54	SG	4	A	VOA
AC50108-003	03/08/10 11:16	R21	4	M	NONE
AC50108-004	03/04/10 11:40	CHILD	0	M	Received
AC50108-004	03/04/10 12:26	CHILD	0	M	Login
AC50108-004	03/04/10 13:03	R12	1	A	NONE
AC50108-004	03/05/10 08:45	SDL	1	A	MIXING
AC50108-004	03/05/10 09:58	MLC	1	A	BNA
AC50108-004	03/05/10 09:59	R12	1	A	NONE
AC50108-004	03/05/10 10:47	PRAS	1	M	%SOLIDS
AC50108-004	03/05/10 14:51	R12	1	A	NONE
AC50108-004	03/05/10 07:16	R21	2	A	NONE
AC50108-004	03/05/10 10:59	WP	2	A	voa
AC50108-004	03/05/10 11:31	R21	2	A	NONE
AC50108-004	03/08/10 10:44	SG	2	A	VOA
AC50108-004	03/08/10 10:51	R21	2	A	NONE
AC50108-004	03/05/10 11:31	R21	3	A	NONE
AC50108-004	03/05/10 19:21	R21	4	A	NONE
AC50108-005	03/04/10 11:40	CHILD	0	M	Received
AC50108-005	03/04/10 12:26	CHILD	0	M	Login
AC50108-005	03/04/10 13:03	R12	1	A	NONE
AC50108-005	03/05/10 08:45	SDL	1	A	MIXING
AC50108-005	03/05/10 09:58	MLC	1	A	BNA
AC50108-005	03/05/10 09:59	R12	1	A	NONE
AC50108-005	03/05/10 10:47	PRAS	1	M	%SOLIDS
AC50108-005	03/05/10 14:51	R12	1	A	NONE
AC50108-005	03/05/10 07:16	R21	2	A	NONE
AC50108-005	03/05/10 10:59	WP	2	A	voa
AC50108-005	03/05/10 11:31	R21	2	A	NONE

Lab#:	DateTime:	Loc or User	Bot Nu	A/M	Analysis
AC50108-005	03/05/10 11:31	R21	3	A	NONE
AC50108-005	03/09/10 08:18	WP	3	A	VOA
AC50108-005	03/09/10 09:32	R21	3	A	NONE
AC50108-005	03/05/10 19:21	R21	4	A	NONE

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

GC/MS Volatile Data

GC/MS Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8260B

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column0 S5 Recov	Column0 S6 Recov
1M54684.D	DAILY BLANK	Soil	03/03/10 07:31	1		109	113	95	98		
1M54821.D	DAILY BLANK	Soil	03/08/10 08:26	1		111	118	93	95		
2M49814.D	DAILY BLANK	Methanol	03/05/10 21:13	1		89	90	100	97		
2M49845.D	DAILY BLANK	Methanol	03/08/10 10:09	1		91	92	98	98		
2M49898.D	DAILY BLANK	Methanol	03/09/10 07:40	1		91	100	97	95		
1M54840.D	AC50108-001	Soil	03/08/10 13:33	1		102	100	94	94		
1M54841.D	AC50108-002	Soil	03/08/10 13:49	1		106	96	93	101		
1M54843.D	AC50108-003(	Soil	03/08/10 14:21	1		103	105	105	96		
1M54842.D	AC50108-004	Soil	03/08/10 14:05	1		108	108	94	104		
2M49903.D	AC50108-005	Methanol	03/09/10 09:04	1		84	104	100	97		
1M54686.D	AC50059-001	Soil	03/03/10 08:04	1		116	110	88	95		
1M54688.D	MBS15159	Soil	03/03/10 08:36	1		102	108	96	97		
1M54690.D	AC50059-001(	Soil	03/03/10 09:08	1		104	101	96	97		
1M54696.D	AC50059-001(	Soil	03/03/10 10:45	1		99	101	95	96		
1M54822.D	MBS15203	Soil	03/08/10 08:42	1		103	99	97	94		
2M49815.D	MBS15198	Methanol	03/05/10 21:29	1		98	90	99	100		
2M49822.D	AC50133-003	Methanol	03/05/10 23:20	1		91	93	99	96		
2M49852.D	MBS15207	Methanol	03/08/10 12:03	1		96	92	96	103		
2M49873.D	AC50133-003(	Methanol	03/08/10 17:57	1		96	94	98	100		
2M49874.D	AC50133-003(	Methanol	03/08/10 18:13	1		92	89	98	97		
2M49906.D	MBS15220	Methanol	03/09/10 09:52	1		97	99	97	100		

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8260

Soil Limits

Compound	Spike Amt	Limits
S1=Dibromofluoromethane	30	58-133
S2=1,2-Dichloroethane-d4	30	68-124
S3=Toluene-d8	30	72-117
S4=Bromofluorobenzene	30	74-118

Form3

MBS Data

Method: 8260

Data File:==>					2M49815.D			1M54822.D			2M49906.D								
Data/Batch/Sample ID:==>					MBS15198-Me			MBS15203-So			MBS15220-Me								
Date/Time:==>					03/05/10 21:29			03/08/10 08:42			03/09/10 09:52								
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	37-126		1	0	19.18	20	96	41.66	50	83	20.06	20	100						
1,1-Dichloroethene	17-114		1	0	15.95	20	80	35.94	50	72	16.29	20	81						
1,2-Dichlorobenzen	51-127		1	0	20.7	20	104	40.18	50	80	21.75	20	109						
1,2-Dichloroethane	38-130		1	0	20.01	20	100	46.2	50	92	20.82	20	104						
1,4-Dichlorobenzen	52-120		1	0	20.2	20	101	40.92	50	82	20.46	20	102						
2-Butanone	23-146		1	0	22.28	20	111	40.33	50	81	22.27	20	111						
Benzene	44-138		1	0	20.62	20	103	52.41	50	105	21.45	20	107						
Carbon Tetrachlorid	32-137		1	0	17.42	20	87	53.18	50	106	21.26	20	106						
Chlorobenzene	52-127		1	0	21.21	20	106	44.47	50	89	21.64	20	108						
Chloroform	41-129		1	0	19.7	20	99	48.28	50	97	20.29	20	101						
n-Propylbenzene	49-135		1	0	21.28	20	106	45.92	50	92	21.91	20	110						
sec-Butylbenzene	46-126		1	0	21.69	20	108	46.36	50	93	22.06	20	110						
Tetrachloroethene	48-133		1	0	21.8	20	109	47.07	50	94	23.15	20	116						
Toluene	41-140		1	0	20.87	20	104	51.63	50	103	22.19	20	111						
Trichloroethene	44-134		1	0	19.76	20	99	47.66	50	95	20.33	20	102						
Vinyl Chloride	15-160		1	0	20.47	20	102	35.64	50	71	20.15	20	101						

Flags/Notes: **** - Values outside of limits for this column/run***

FORM 3

Spike Recovery

Batch Number: MBS15159
Mbs Name: MBS15159
Ns Name: AC50059-001
Ms Name: AC50059-001(MS)
Msd Name: AC50059-001(MSD

Mbs File: 1M54688.D
Non Spk'd File: 1M54686.D
Spike File: 1M54696.D
Spike Dup File: 1M54690.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 03/03/10 08:36
Non Spk'd Date: 03/03/10 08:04
Spike Date : 03/03/10 10:45
Spike Dup Date: 03/03/10 09:08

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	9	1	0	50	6	117	53	24.77	0.00	27.23	30.11	50	54	60	10
1,1-Dichloroethene	22	1	0	50	8	114	53	25.87	0.00	31.08	28.55	52	62	57	8.5
1,1-Dichloroethane	25	1	0	50	14	127	44	33.86	0.00	38.45	36.50	68	77	73	5.2
Chloroform	32	1	0	50	26	119	39	39.65	0.00	44.32	42.49	79	89	85	4.2
1,2-Dichloroethane	36	1	0	50	18	130	37	37.44	0.00	41.52	38.78	75	83	78	6.8
2-Butanone	37	1	0	50	4	141	59	39.86	0.00	37.97	30.16	80	76	60	23
Carbon Tetrachloride	39	1	0	50	19	122	40	38.45	0.00	44.83	41.30	77	90	83	8.2
Trichloroethene	45	1	0	50	21	116	39	38.20	0.00	45.38	41.14	76	91	82	9.8
Benzene	46	1	0	50	21	122	38	42.85	0.00	49.49	46.56	86	99	93	6.1
Tetrachloroethene	58	1	0	50	18	116	37	35.10	0.00	43.88	37.10	70	88	74	17
Toluene	60	1	0	50	19	128	35	41.72	0.00	50.36	44.31	83	101	89	13
Chlorobenzene	62	1	0	50	21	117	37	32.51	0.00	43.90	37.04	65	88	74	17
1,4-Dichlorobenzene	73	1	0	50	20	110	41	32.01	0.00	40.97	30.56	64	82	61	29
1,2-Dichlorobenzene	74	1	0	50	19	113	42	34.05	0.00	40.59	31.28	68	81	63	26
n-Propylbenzene	81	1	0	50	16	122	42	37.04	0.00	43.82	34.79	74	88	70	23
sec-Butylbenzene	86	1	0	50	9	125	48	39.84	0.00	44.16	33.99	80	88	68	26

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 3

Spike Recovery

Batch Number: MBS15207
Mbs Name: MBS15207
Ns Name: AC50133-003
Ms Name: AC50133-003(MS)
Msd Name: AC50133-003(MSD

Mbs File: 2M49852.D
Non Spk'd File: 2M49822.D
Spike File: 2M49873.D
Spike Dup File: 2M49874.D
Matrix: Methanol
Method: EPA 8260B

Mbs Date: 03/08/10 12:03
Non Spk'd Date: 03/05/10 23:20
Spike Date : 03/08/10 17:57
Spike Dup Date: 03/08/10 18:13

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	9	1	0	20	15	160	44	21.69	0.00	21.03	20.60	108	105	103	2.1
1,1-Dichloroethene	22	1	0	20	17	114	28	15.82	0.00	15.19	15.02	79	76	75	1.1
1,1-Dichloroethane	25	1	0	20	37	126	28	19.76	0.00	19.57	19.13	99	98	96	2.3
Chloroform	32	1	0	20	41	129	22	20.09	0.00	19.83	19.67	100	99	98	0.81
1,2-Dichloroethane	36	1	0	20	38	130	22	21.00	0.00	20.13	19.41	105	101	97	3.6
2-Butanone	37	1	0	20	23	146	43	23.55	0.00	23.20	23.38	118	116	117	0.77
Carbon Tetrachloride	39	1	0	20	32	137	25	20.67	0.00	19.64	18.60	103	98	93	5.4
Trichloroethene	45	1	0	20	44	134	21	19.05	0.00	18.73	19.07	95	94	95	1.8
Benzene	46	1	0	20	44	138	24	22.03	0.00	21.35	20.75	110	107	104	2.9
Tetrachloroethene	58	1	0	20	48	133	24	21.28	0.00	21.51	20.79	106	108	104	3.4
Toluene	60	1	0	20	41	140	25	21.32	0.00	22.39	21.66	107	112	108	3.3
Chlorobenzene	62	1	0	20	52	127	17	20.61	0.00	21.51	20.74	103	108	104	3.6
1,4-Dichlorobenzene	73	1	0	20	52	120	19	20.11	0.00	19.48	19.72	101	97	99	1.2
1,2-Dichlorobenzene	74	1	0	20	51	127	20	20.76	0.00	20.72	20.37	104	104	102	1.7
n-Propylbenzene	81	1	0	20	49	135	22	22.14	0.00	23.07	23.21	111	115	116	0.61
sec-Butylbenzene	86	1	0	20	46	126	21	21.82	0.00	23.58	22.91	109	118	115	2.9

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M54684.D
Matrix: Soil

Blank Analysis Date: 03/03/10 07:31
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50059-001(MS)	1M54696.D	03/03/10 10:45
AC50059-001	1M54686.D	03/03/10 08:04
AC50059-001(MSD	1M54690.D	03/03/10 09:08
MBS15159	1M54688.D	03/03/10 08:36

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 2M49814.D
Matrix: Methanol

Blank Analysis Date: 03/05/10 21:13
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50133-003	2M49822.D	03/05/10 23:20
MBS15198	2M49815.D	03/05/10 21:29

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M54821.D
Matrix: Soil

Blank Analysis Date: 03/08/10 08:26
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50108-001	1M54840.D	03/08/10 13:33
AC50108-002	1M54841.D	03/08/10 13:49
AC50108-003(5X)	1M54843.D	03/08/10 14:21
AC50108-004	1M54842.D	03/08/10 14:05
MBS15203	1M54822.D	03/08/10 08:42

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 2M49845.D
Matrix: Methanol

Blank Analysis Date: 03/08/10 10:09
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50133-003(MSD	2M49874.D	03/08/10 18:13
AC50133-003(MS)	2M49873.D	03/08/10 17:57
MBS15207	2M49852.D	03/08/10 12:03

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 2M49898.D
Matrix: Methanol

Blank Analysis Date: 03/09/10 07:40
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50108-005	2M49903.D	03/09/10 09:04
MBS15220	2M49906.D	03/09/10 09:52

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M54441.D
Analysis Date: 02/23/10 10:38
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.472 to 4.502 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.8	6923	PASS
75	95	30	60	48.6	15449	PASS
95	95	100	100	100.0	31811	PASS
96	95	5	9	8.2	2617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	24984	PASS
175	174	5	9	7.5	1873	PASS
176	174	95	101	97.5	24370	PASS
177	176	5	9	7.2	1744	PASS

Data File	Sample Number	Analysis Date:
1M54442.D	50 PPB	02/23/10 10:47
1M54443.D	BLK	02/23/10 11:04
1M54444.D	CAL @ 500 PPB	02/23/10 11:20
1M54445.D	CAL @ 250 PPB	02/23/10 11:36
1M54446.D	CAL @ 100 PPB	02/23/10 11:52
1M54447.D	CAL @ 50 PPB	02/23/10 12:08
1M54448.D	CAL @ 20 PPB	02/23/10 12:24
1M54449.D	CAL @ 10 PPB	02/23/10 12:41
1M54450.D	CAL @ 5 PPB	02/23/10 12:57
1M54451.D	BLK	02/23/10 13:13
1M54452.D	CAL @ 0.5 PPB	02/23/10 13:29
1M54453.D	CAL @ 1 PPB	02/23/10 13:45
1M54454.D	ICV	02/23/10 14:09
1M54455.D	STD	02/23/10 14:25
1M54456.D	BLK	02/23/10 14:41
1M54457.D	DAILY BLANK	02/23/10 14:57
1M54458.D	BLK	02/23/10 15:13
1M54459.D	MBS15066	02/23/10 15:29
1M54460.D	AC49929-002(MS)	02/23/10 15:46
1M54461.D	AC49929-002(MSD	02/23/10 16:02
1M54462.D	BLK	02/23/10 16:18
1M54463.D	AC49962-001	02/23/10 16:36
1M54464.D	AC49962-002	02/23/10 16:52
1M54465.D	AC49962-003	02/23/10 17:08
1M54466.D	AC49962-004	02/23/10 17:24
1M54467.D	AC49962-005	02/23/10 17:41
1M54468.D	AC49962-006	02/23/10 17:57
1M54469.D	AC49962-007	02/23/10 18:13
1M54470.D	AC49961-001	02/23/10 18:29
1M54471.D	AC49961-002	02/23/10 18:45
1M54472.D	AC49961-003	02/23/10 19:01
1M54473.D	AC49961-004	02/23/10 19:17
1M54474.D	BLK	02/23/10 19:33
1M54475.D	BLK	02/23/10 19:49

Form 5

Tune Name: BFB TUNE **Data File:** 1M54681.D
Instrument: GCMS 1 **Analysis Date:** 03/03/10 06:34
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.437 to 4.477 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	12236	PASS
75	95	30	60	49.0	26583	PASS
95	95	100	100	100.0	54245	PASS
96	95	5	9	7.9	4286	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.7	40546	PASS
175	174	5	9	7.9	3194	PASS
176	174	95	101	96.9	39309	PASS
177	176	5	9	7.8	3062	PASS

Data File	Sample Number	Analysis Date:
1M54682.D	CAL @ 50 PPB	03/03/10 06:53
1M54683.D	BLK	03/03/10 07:15
1M54684.D	DAILY BLANK	03/03/10 07:31
1M54685.D	BLK	03/03/10 07:48
1M54686.D	AC50059-001	03/03/10 08:04
1M54687.D	AC50074-001	03/03/10 08:20
1M54688.D	MBS15159	03/03/10 08:36
1M54689.D	AC50059-001(MS)	03/03/10 08:52
1M54690.D	AC50059-001(MSD	03/03/10 09:08
1M54691.D	AC50074-001(5X)	03/03/10 09:25
1M54692.D	BLK	03/03/10 09:41
1M54693.D	AC50076-003	03/03/10 09:57
1M54694.D	AC50076-002	03/03/10 10:13
1M54695.D	AC50076-001	03/03/10 10:29
1M54696.D	AC50059-001(MS)	03/03/10 10:45
1M54697.D	BLK	03/03/10 11:01
1M54698.D	AC50077-001	03/03/10 11:17
1M54699.D	AC50077-002	03/03/10 11:34
1M54700.D	AC50077-003	03/03/10 11:50
1M54701.D	AC50077-004	03/03/10 12:06
1M54702.D	AC50077-005	03/03/10 12:22
1M54703.D	AC50077-006	03/03/10 12:38
1M54704.D	AC50077-007	03/03/10 12:55
1M54705.D	AC50077-008	03/03/10 13:11
1M54706.D	BLK	03/03/10 13:30
1M54707.D	AC50077-005	03/03/10 13:46
1M54708.D	AC50085-004(5X)	03/03/10 14:02
1M54709.D	BLK	03/03/10 14:19
1M54710.D	BLK	03/03/10 14:42
1M54711.D	BLK	03/03/10 15:28
1M54712.D	AC50074-001	03/03/10 15:44
1M54713.D	BLK	03/03/10 16:00
1M54714.D	AC50085-004	03/03/10 16:16
1M54715.D	BLK	03/03/10 16:32
1M54716.D	BLK	03/03/10 16:48
1M54717.D	BLK	03/03/10 17:04

Form 5

Tune Name: BFB TUNE **Data File:** 2M49799.D
Instrument: GCMS 2 **Analysis Date:** 03/05/10 17:06
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.198 to 4.217 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.3	7752	PASS
75	95	30	60	46.8	16276	PASS
95	95	100	100	100.0	34766	PASS
96	95	5	9	7.2	2512	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.6	33599	PASS
175	174	5	9	8.4	2811	PASS
176	174	95	101	99.0	33273	PASS
177	176	5	9	6.5	2175	PASS

Data File	Sample Number	Analysis Date:
2M49800.D	CAL @ 1 PPB	03/05/10 17:22
2M49801.D	CAL @ 0.5 PPB	03/05/10 17:41
2M49802.D	CAL @ 5 PPB	03/05/10 18:00
2M49803.D	CAL @ 500 PPB	03/05/10 18:16
2M49804.D	CAL @ 250 PPB	03/05/10 18:32
2M49805.D	CAL @ 100 PPB	03/05/10 18:48
2M49806.D	CAL @ 50 PPB	03/05/10 19:04
2M49807.D	CAL @ 20 PPB	03/05/10 19:20
2M49808.D	CAL @ 10 PPB	03/05/10 19:36
2M49809.D	STDTEST	03/05/10 19:52
2M49810.D	STDTEST	03/05/10 20:08
2M49811.D	ICV	03/05/10 20:24
2M49812.D	BLK	03/05/10 20:40
2M49813.D	DAILY BLANK	03/05/10 20:57
2M49814.D	DAILY BLANK	03/05/10 21:13
2M49815.D	MBS15198	03/05/10 21:29
2M49816.D	MBS15199	03/05/10 21:45
2M49817.D	MBS15200	03/05/10 22:00
2M49818.D	BLK	03/05/10 22:17
2M49819.D	AC50150-001	03/05/10 22:33
2M49820.D	AC50133-001	03/05/10 22:48
2M49821.D	AC50133-002	03/05/10 23:04
2M49822.D	AC50133-003	03/05/10 23:20
2M49823.D	BLK	03/05/10 23:36
2M49824.D	AC50081-002	03/05/10 23:52
2M49825.D	AC50081-001	03/06/10 00:08
2M49826.D	AC50095-005(80uL	03/06/10 00:24
2M49827.D	AC50095-004(80uL	03/06/10 00:40
2M49828.D	AC50095-001(80uL	03/06/10 00:58
2M49829.D	AC50095-002(80uL	03/06/10 01:19
2M49830.D	AC50095-003	03/06/10 01:37
2M49831.D	BLK	03/08/10 06:24
2M49832.D	BLK	03/08/10 06:40
2M49833.D	50117-016	03/08/10 06:57
2M49834.D	50117-017	03/08/10 07:13
2M49835.D	50117-018	03/08/10 07:28
2M49836.D	50117-019	03/08/10 07:44

Form 5

Tune Name: BFB TUNE **Data File:** 1M54817.D
Instrument: GCMS 1 **Analysis Date:** 03/08/10 06:41
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.434 to 4.464 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.8	10516	PASS
75	95	30	60	50.6	22335	PASS
95	95	100	100	100.0	44116	PASS
96	95	5	9	7.2	3162	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.9	31274	PASS
175	174	5	9	8.3	2599	PASS
176	174	95	101	98.8	30908	PASS
177	176	5	9	7.5	2331	PASS

Data File	Sample Number	Analysis Date:
1M54818.D	CAL @ 50 PPB	03/08/10 06:51
1M54819.D	BLK	03/08/10 07:48
1M54820.D	BLK	03/08/10 08:04
1M54821.D	DAILY BLANK	03/08/10 08:26
1M54822.D	MBS15203	03/08/10 08:42
1M54823.D	BLK	03/08/10 08:58
1M54824.D	AC50089-015	03/08/10 09:14
1M54825.D	AC50089-009	03/08/10 09:30
1M54826.D	AC50112-001	03/08/10 09:46
1M54827.D	AC50109-001	03/08/10 10:03
1M54828.D	AC50089-020	03/08/10 10:19
1M54829.D	AC50089-021	03/08/10 10:35
1M54830.D	AC50089-024	03/08/10 10:51
1M54831.D	AC50089-019	03/08/10 11:07
1M54832.D	AC50089-022	03/08/10 11:23
1M54833.D	AC50089-023	03/08/10 11:40
1M54834.D	BLK	03/08/10 11:56
1M54835.D	AC50141-004	03/08/10 12:12
1M54836.D	AC50106-001	03/08/10 12:28
1M54837.D	BLK	03/08/10 12:44
1M54838.D	AC50141-003	03/08/10 13:00
1M54839.D	AC50102-001	03/08/10 13:17
1M54840.D	AC50108-001	03/08/10 13:33
1M54841.D	AC50108-002	03/08/10 13:49
1M54842.D	AC50108-004	03/08/10 14:05
1M54843.D	AC50108-003(5X)	03/08/10 14:21
1M54844.D	BLK	03/08/10 14:37
1M54845.D	AC50162-005	03/08/10 14:53
1M54846.D	AC50187-001(5X)	03/08/10 15:10
1M54847.D	AC50162-005(MS)	03/08/10 15:26
1M54848.D	AC50162-005(MSD	03/08/10 15:42
1M54849.D	BLK	03/08/10 15:58
1M54850.D	BLK	03/08/10 16:14
1M54851.D	MBS15209	03/08/10 16:30
1M54852.D	AC50162-001	03/08/10 16:46
1M54853.D	AC50117-021	03/08/10 17:02
1M54854.D	AC50117-022	03/08/10 17:18
1M54855.D	AC50117-023	03/08/10 17:35
1M54856.D	AC50117-024	03/08/10 17:51
1M54857.D	AC50117-025	03/08/10 18:07
1M54858.D	AC50117-031	03/08/10 18:23
1M54859.D	AC50117-034	03/08/10 18:39
1M54860.D	BLK	03/08/10 18:55
1M54861.D	BLK	03/08/10 19:11
1M54862.D	BLK	03/08/10 19:27
1M54863.D	BLK	03/08/10 19:43
1M54864.D	BLK	03/08/10 19:59
1M54865.D	BLK	03/08/10 20:15
1M54866.D	BLK	03/08/10 20:32
1M54867.D	BLK	03/08/10 20:48
1M54868.D	BLK(5ML)OUT	03/08/10 21:04
1M54869.D	BLK(5ML)F	03/08/10 21:20

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 2
Data File: 2M49842.D
Analysis Date: 03/08/10 09:05
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.094 to 4.113 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.8	2512	PASS
75	95	30	60	47.1	5188	PASS
95	95	100	100	100.0	11024	PASS
96	95	5	9	6.9	756	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.3	10839	PASS
175	174	5	9	7.0	755	PASS
176	174	95	101	99.8	10817	PASS
177	176	5	9	7.6	825	PASS

Data File	Sample Number	Analysis Date:
2M49843.D	CAL @ 20 PPB	03/08/10 09:15
2M49844.D	BLK	03/08/10 09:53
2M49845.D	DAILY BLANK	03/08/10 10:09
2M49846.D	DAILY BLANK	03/08/10 10:26
2M49847.D	AC50150-001(400u	03/08/10 10:42
2M49848.D	AC50108-005	03/08/10 10:58
2M49849.D	AC50117-019	03/08/10 11:13
2M49850.D	AC50093-001(4uL)	03/08/10 11:30
2M49851.D	MBS15206	03/08/10 11:46
2M49852.D	MBS15207	03/08/10 12:03
2M49853.D	AC50117-028	03/08/10 12:19
2M49854.D	AC50183-001(80uL	03/08/10 12:36
2M49855.D	AC50117-030	03/08/10 12:53
2M49856.D	AC50117-031	03/08/10 13:09
2M49857.D	AC50117-032	03/08/10 13:26
2M49858.D	AC50117-033	03/08/10 13:42
2M49859.D	AC50117-034	03/08/10 13:58
2M49860.D	AC50117-035	03/08/10 14:15
2M49861.D	AC50117-036	03/08/10 14:30
2M49862.D	AC50093-001(80uL	03/08/10 14:47
2M49863.D	AC50117-038	03/08/10 15:03
2M49864.D	50150-001(80uL)	03/08/10 15:28
2M49865.D	BLK	03/08/10 15:46
2M49866.D	AC50093-001(80uL	03/08/10 16:02
2M49867.D	AC50117-042	03/08/10 16:18
2M49868.D	AC50117-043	03/08/10 16:36
2M49869.D	AC50117-044	03/08/10 16:52
2M49870.D	AC50117-045	03/08/10 17:09
2M49871.D	AC50117-037	03/08/10 17:25
2M49872.D	AC50117-046	03/08/10 17:41
2M49873.D	AC50133-003(MS)	03/08/10 17:57
2M49874.D	AC50133-003(MSD	03/08/10 18:13
2M49875.D	AC50117-029	03/08/10 18:29
2M49876.D	BLK	03/08/10 18:46
2M49877.D	AC50143-008	03/08/10 19:02
2M49878.D	AC50143-007	03/08/10 19:18
2M49879.D	AC50143-006	03/08/10 19:34
2M49880.D	AC50143-005	03/08/10 19:50
2M49881.D	AC50143-004	03/08/10 20:06
2M49882.D	AC50143-003	03/08/10 20:22
2M49883.D	AC50143-002	03/08/10 20:38
2M49884.D	AC50143-001	03/08/10 20:54
2M49885.D	BLK	03/08/10 21:10
2M49886.D	AC50166-004	03/08/10 21:26
2M49887.D	AC50152-010	03/08/10 21:42
2M49888.D	AC50152-001	03/08/10 21:58
2M49889.D	AC50152-002(MS:	03/08/10 22:14
2M49890.D	AC50152-003(MSD	03/08/10 22:30
2M49891.D	AC50152-004	03/08/10 22:46
2M49892.D	AC50152-005	03/08/10 23:02
2M49893.D	AC50152-006	03/08/10 23:18

Form 5

Tune Name: BFB TUNE **Data File:** 2M49894.D
Instrument: GCMS 2 **Analysis Date:** 03/09/10 06:30
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.197 to 4.216 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.2	5761	PASS
75	95	30	60	53.3	15176	PASS
95	95	100	100	100.0	28453	PASS
96	95	5	9	8.7	2478	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	97.7	27802	PASS
175	174	5	9	7.2	1994	PASS
176	174	95	101	99.8	27733	PASS
177	176	5	9	7.4	2052	PASS

Data File	Sample Number	Analysis Date:
2M49895.D	BLK	03/09/10 06:39
2M49896.D	CAL @ 20 PPB	03/09/10 06:50
2M49897.D	BLK	03/09/10 07:23
2M49898.D	DAILY BLANK	03/09/10 07:40
2M49899.D	DAILY BLANK	03/09/10 07:57
2M49900.D	AC50165-005	03/09/10 08:16
2M49901.D	AC50165-006	03/09/10 08:32
2M49902.D	AC50143-005	03/09/10 08:48
2M49903.D	AC50108-005	03/09/10 09:04
2M49904.D	AC50183-001(400u	03/09/10 09:20
2M49905.D	MBS15219	03/09/10 09:36
2M49906.D	MBS15220	03/09/10 09:52
2M49907.D	BLKJUG#2	03/09/10 10:09
2M49908.D	AC50203-003	03/09/10 10:26
2M49909.D	AC50199-001	03/09/10 10:42
2M49910.D	AC50199-002	03/09/10 10:58
2M49911.D	AC50199-003	03/09/10 11:15
2M49912.D	AC50199-004	03/09/10 11:31
2M49913.D	AC50199-005	03/09/10 11:47
2M49914.D	AC50199-006	03/09/10 12:03
2M49915.D	AC50199-007	03/09/10 12:18
2M49916.D	AC50143-003(MS)	03/09/10 12:34

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54448.D Method: EPA 8260B

Analysis Date/Time: 02/23/10 12:24

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	171085	4.61	125528	6.45	74734	7.87						
Eval File Area Limit:	85542-342170		62764-251056		37367-149468							
Eval File Rt Limit:	4.11-5.11		5.95-6.95		7.37-8.37							

Data File	Sample											
1M54442.D	50 PPB	165789	4.61	126068	6.45	74391	7.87					
1M54443.D	BLK	155398	4.62	119860	6.45	66863	7.87					
1M54444.D	CAL @ 500 P	165816	4.62	124453	6.45	62415	7.87					
1M54445.D	CAL @ 250 P	170328	4.61	127708	6.45	69405	7.87					
1M54446.D	CAL @ 100 P	163642	4.62	122646	6.45	72160	7.87					
1M54447.D	CAL @ 50 PP	174638	4.62	131337	6.45	74780	7.87					
1M54448.D	CAL @ 20 PP	171085	4.61	125528	6.45	74734	7.87					
1M54449.D	CAL @ 10 PP	175599	4.62	129130	6.45	76437	7.87					
1M54450.D	CAL @ 5 PPB	173817	4.61	127337	6.45	76167	7.87					
1M54451.D	BLK	157001	4.62	119525	6.45	65873	7.87					
1M54452.D	CAL @ 0.5 P	165344	4.61	124287	6.45	70751	7.87					
1M54453.D	CAL @ 1 PPB	159490	4.61	123308	6.45	71915	7.87					
1M54454.D	ICV	165618	4.61	123343	6.45	72428	7.87					
1M54455.D	STD	161242	4.62	124551	6.45	73483	7.87					
1M54456.D	BLK	155998	4.62	120462	6.45	70253	7.88					
1M54457.D	DAILY BLANK	162701	4.62	126561	6.45	70334	7.87					
1M54458.D	BLK	153150	4.62	119236	6.45	67678	7.88					
1M54459.D	MBS15066	156160	4.62	120510	6.45	72324	7.87					
1M54460.D	AC49929-002(	174579	4.61	121631	6.45	68871	7.87					
1M54461.D	AC49929-002(	173596	4.62	126694	6.45	72553	7.87					
1M54462.D	BLK	155322	4.62	121065	6.45	66626	7.87					
1M54463.D	AC49962-001	147782	4.61	114002	6.45	62185	7.88					
1M54464.D	AC49962-002	157928	4.62	123113	6.45	66564	7.87					
1M54465.D	AC49962-003	155301	4.61	119402	6.45	66448	7.87					
1M54466.D	AC49962-004	147471	4.62	115279	6.46	61980	7.89					
1M54467.D	AC49962-005	161740	4.61	131875	6.45	73718	7.87					
1M54468.D	AC49962-006	145904	4.62	112492	6.45	61921	7.87					
1M54469.D	AC49962-007	152443	4.61	119505	6.45	64399	7.87					
1M54470.D	AC49961-001	143968	4.62	111956	6.45	59218	7.87					
1M54471.D	AC49961-002	153383	4.61	118809	6.45	63195	7.87					
1M54472.D	AC49961-003	139121	4.62	109292	6.45	58659	7.87					
1M54473.D	AC49961-004	145170	4.61	118451	6.45	63091	7.87					
1M54474.D	BLK	146963	4.62	116924	6.45	63660	7.87					
1M54475.D	BLK	145663	4.61	112663	6.45	62499	7.87					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54682.D Method: EPA 8260B

Analysis Date/Time: 03/03/10 06:53

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	163930	4.62	124601	6.45	77317	7.87						
Eval File Area Limit:	81965-327860		62300-249202		38658-154634							
Eval File Rt Limit:	4.12-5.12		5.95-6.95		7.37-8.37							

Data File	Sample											
1M54683.D	BLK	160957	4.62	124918	6.45	68688	7.88					
1M54684.D	DAILY BLANK	163931	4.61	126836	6.45	68482	7.88					
1M54685.D	BLK	213392	4.61	175725	6.45	65074	7.88					
1M54686.D	AC50059-001	221985	4.62	185099	6.45	102330	7.88					
1M54687.D	AC50074-001	62914 A	4.61	21089 A	6.45	4102 A	7.88					
1M54688.D	MBS15159	252550	4.62	199389	6.45	78106	7.88					
1M54689.D	AC50059-001(	256991	4.62	205946	6.45	84165	7.88					
1M54690.D	AC50059-001(	256961	4.62	210659	6.45	126555	7.88					
1M54691.D	AC50074-001(	163294	4.61	79499	6.45	16927 A	7.88					
1M54692.D	BLK	232612	4.61	197403	6.46	107744	7.88					
1M54693.D	AC50076-003	248204	4.62	200086	6.45	111830	7.88					
1M54694.D	AC50076-002	236065	4.61	203181	6.45	117790	7.88					
1M54695.D	AC50076-001	198331	4.63	177270	6.47	100165	7.89					
1M54696.D	AC50059-001(	259385	4.61	206337	6.45	123802	7.88					
1M54697.D	BLK	226190	4.62	185733	6.45	99868	7.88					
1M54698.D	AC50077-001	222178	4.61	184071	6.45	101872	7.88					
1M54699.D	AC50077-002	195048	4.61	164057	6.46	90821	7.88					
1M54700.D	AC50077-003	216524	4.62	187229	6.45	103112	7.88					
1M54701.D	AC50077-004	221403	4.62	188216	6.45	103811	7.88					
1M54702.D	AC50077-005	215473	4.62	182925	6.46	98570	7.88					
1M54703.D	AC50077-006	214995	4.61	183748	6.46	103469	7.88					
1M54704.D	AC50077-007	207110	4.62	177452	6.46	107261	7.88					
1M54705.D	AC50077-008	213778	4.61	179850	6.46	105349	7.88					
1M54706.D	BLK	204487	4.62	168723	6.45	90921	7.88					
1M54707.D	AC50077-005	225119	4.62	187906	6.46	104955	7.88					
1M54708.D	AC50085-004(	215227	4.62	180598	6.46	108901	7.88					
1M54709.D	BLK	223930	4.62	184365	6.46	105215	7.88					
1M54710.D	BLK	201852	4.61	166139	6.46	89878	7.88					
1M54711.D	BLK	146319	4.61	113665	6.45	59186	7.88					
1M54712.D	AC50074-001	174721	4.62	89686	6.45	23883 A	7.88					
1M54713.D	BLK	226259	4.61	187835	6.45	110884	7.88					
1M54714.D	AC50085-004	229060	4.61	191944	6.45	115445	7.88					
1M54715.D	BLK	219431	4.61	180727	6.45	104566	7.88					
1M54716.D	BLK	214914	4.62	180702	6.45	101777	7.88					
1M54717.D	BLK	217423	4.61	181613	6.45	101889	7.88					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1.4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 2M49807.D Method: EPA 8260B

Analysis Date/Time: 03/05/10 19:20

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	408842	4.38	344892	6.18	198053	7.59						
Eval File Area Limit:	204421-817684		172446-689784		99026-396106							
Eval File Rt Limit:	3.88-4.88		5.68-6.68		7.09-8.09							

Data File	Sample											
2M49800.D	CAL @ 1 PPB	418629	4.38	348988	6.19	205159	7.59					
2M49801.D	CAL @ 0.5 P	389047	4.38	320980	6.19	182025	7.59					
2M49802.D	CAL @ 5 PPB	378380	4.38	325058	6.19	185344	7.59					
2M49803.D	CAL @ 500 P	410796	4.38	308363	6.19	176339	7.59					
2M49804.D	CAL @ 250 P	407187	4.38	325738	6.19	188373	7.59					
2M49805.D	CAL @ 100 P	418023	4.38	352996	6.19	209414	7.59					
2M49806.D	CAL @ 50 PP	413027	4.38	344029	6.19	210317	7.59					
2M49807.D	CAL @ 20 PP	408842	4.38	344892	6.18	198053	7.59					
2M49808.D	CAL @ 10 PP	407105	4.38	351635	6.18	206973	7.59					
2M49809.D	STDTEST	399116	4.38	338239	6.19	198154	7.59					
2M49810.D	STDTEST	405640	4.38	339811	6.19	198457	7.59					
2M49811.D	ICV	397572	4.38	344916	6.19	201300	7.59					
2M49812.D	BLK	394734	4.38	328492	6.18	198534	7.58					
2M49813.D	DAILY BLANK	399145	4.38	342609	6.19	200028	7.59					
2M49814.D	DAILY BLANK	394385	4.37	318155	6.19	196953	7.59					
2M49815.D	MBS15198	401742	4.38	332441	6.18	205908	7.59					
2M49816.D	MBS15199	401779	4.38	339456	6.18	211068	7.59					
2M49817.D	MBS15200	411756	4.38	357576	6.18	220080	7.59					
2M49818.D	BLK	413090	4.38	347759	6.19	208678	7.59					
2M49819.D	AC50150-001	394865	4.37	349925	6.19	216471	7.59					
2M49820.D	AC50133-001	417965	4.38	344761	6.18	212504	7.59					
2M49821.D	AC50133-002	406794	4.38	340053	6.18	211367	7.59					
2M49822.D	AC50133-003	410382	4.38	334025	6.19	213442	7.59					
2M49823.D	BLK	422960	4.38	356528	6.19	222361	7.59					
2M49824.D	AC50081-002	413142	4.38	343103	6.18	212723	7.58					
2M49825.D	AC50081-001	424486	4.38	344364	6.19	215272	7.59					
2M49826.D	AC50095-005	423911	4.38	369557	6.19	222949	7.59					
2M49827.D	AC50095-004	438697	4.38	365614	6.19	231207	7.59					
2M49828.D	AC50095-001	431959	4.38	361868	6.19	234554	7.59					
2M49829.D	AC50095-002	384896	4.38	331815	6.18	212734	7.59					
2M49830.D	AC50095-003	425018	4.38	352615	6.19	230956	7.59					
2M49831.D	BLK	490543	4.39	426868	6.19	263281	7.59					
2M49832.D	BLK	458394	4.39	388868	6.19	253327	7.59					
2M49833.D	50117-016	431954	4.38	365892	6.19	226231	7.59					
2M49834.D	50117-017	425362	4.38	350143	6.19	213201	7.59					
2M49835.D	50117-018	428869	4.38	353415	6.19	217891	7.59					
2M49836.D	50117-019	434484	4.38	351644	6.19	226731	7.59					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 2M49843.D Method: EPA 8260B

Analysis Date/Time: 03/08/10 09:15

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	445496	4.39	381400	6.19	236716	7.59						
Eval File Area Limit:	222748-890992		190700-762800		118358-473432							
Eval File Rt Limit:	3.89-4.89		5.69-6.69		7.09-8.09							

Data File	Sample											
2M49844.D	BLK	421974	4.39	380675	6.19	228858	7.59					
2M49845.D	DAILY BLANK	407008	4.39	339060	6.19	213366	7.60					
2M49846.D	DAILY BLANK	423870	4.39	365804	6.19	220080	7.59					
2M49847.D	AC50150-001(	385451	4.38	346081	6.19	230728	7.59					
2M49848.D	AC50108-005	414311	4.38	353370	6.19	220599	7.59					
2M49849.D	AC50117-019	417927	4.38	355076	6.19	219832	7.59					
2M49850.D	AC50093-001(	425725	4.38	383208	6.19	234887	7.59					
2M49851.D	MBS15206	418047	4.38	366672	6.19	228467	7.59					
2M49852.D	MBS15207	399455	4.38	351747	6.19	217004	7.59					
2M49853.D	AC50117-028	414206	4.38	349142	6.19	210068	7.59					
2M49854.D	AC50183-001(	417246	4.38	372159	6.19	234559	7.59					
2M49855.D	AC50117-030	406967	4.38	360782	6.19	226360	7.59					
2M49856.D	AC50117-031	411317	4.38	365655	6.19	218459	7.59					
2M49857.D	AC50117-032	412502	4.38	361984	6.19	216085	7.59					
2M49858.D	AC50117-033	410811	4.38	349549	6.19	215372	7.59					
2M49859.D	AC50117-034	398351	4.38	345800	6.19	212825	7.59					
2M49860.D	AC50117-035	404572	4.38	350462	6.19	220585	7.59					
2M49861.D	AC50117-036	406810	4.38	347127	6.19	214802	7.59					
2M49862.D	AC50093-001(	414828	4.39	362743	6.19	154503	7.60					
2M49863.D	AC50117-038	390838	4.38	340013	6.19	210139	7.59					
2M49864.D	50150-001(80	432193	4.39	374025	6.19	243251	7.60					
2M49865.D	BLK	413439	4.39	372567	6.19	234373	7.60					
2M49866.D	AC50093-001(	424133	4.39	355178	6.19	163147	7.59					
2M49867.D	AC50117-042	401144	4.38	351345	6.19	217293	7.60					
2M49868.D	AC50117-043	433987	4.38	363776	6.19	234801	7.59					
2M49869.D	AC50117-044	424531	4.38	351798	6.19	209528	7.59					
2M49870.D	AC50117-045	432766	4.38	349524	6.19	220100	7.59					
2M49871.D	AC50117-037	432491	4.38	352041	6.19	214410	7.59					
2M49872.D	AC50117-046	434818	4.38	346609	6.19	212358	7.59					
2M49873.D	AC50133-003(	439985	4.38	365103	6.19	220547	7.59					
2M49874.D	AC50133-003(	447045	4.38	369916	6.19	223678	7.59					
2M49875.D	AC50117-029	439945	4.38	355875	6.19	210754	7.59					
2M49876.D	BLK	449285	4.39	379142	6.19	232082	7.59					
2M49885.D	BLK	409726	4.38	349410	6.19	207407	7.59					
2M49889.D	AC50152-002(	412149	4.38	352330	6.19	213367	7.59					
2M49890.D	AC50152-003(	405387	4.38	345953	6.19	211648	7.59					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54818.D Method: EPA 8260B

Analysis Date/Time: 03/08/10 06:51

Lab File ID: CAL @ 50 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	225385	4.61	112126	6.45	67901	7.87						
Eval File Area Limit:	112692-450770		56063-224252		33950-135802							
Eval File Rt Limit:	4.11-5.11		5.95-6.95		7.37-8.37							

Data File	Sample											
1M54819.D	BLK	214873	4.60	166702	6.44	110598	7.86					
1M54820.D	BLK	216620	4.61	119680	6.44	64596	7.86					
1M54821.D	DAILY BLANK	203613	4.61	168638	6.44	63446	7.86					
1M54822.D	MBS15203	231787	4.60	180460	6.44	73628	7.86					
1M54823.D	BLK	212097	4.61	175514	6.44	62514	7.86					
1M54824.D	AC50089-015	204365	4.61	157120	6.44	76386	7.86					
1M54825.D	AC50089-009	213581	4.61	167447	6.44	54721	7.86					
1M54826.D	AC50112-001	189983	4.60	78994	6.44	20021 A	7.87					
1M54827.D	AC50109-001	144532	4.61	111628	6.44	61904	7.87					
1M54828.D	AC50089-020	163177	4.61	122237	6.44	64167	7.87					
1M54829.D	AC50089-021	140288	4.60	105082	6.44	47368	7.87					
1M54830.D	AC50089-024	167569	4.61	126040	6.44	73333	7.86					
1M54831.D	AC50089-019	160357	4.60	113611	6.44	54491	7.87					
1M54832.D	AC50089-022	167670	4.61	127346	6.44	65805	7.86					
1M54833.D	AC50089-023	220274	4.61	107758	6.44	44244	7.87					
1M54834.D	BLK	223712	4.61	186470	6.44	70148	7.87					
1M54835.D	AC50141-004	217892	4.61	180928	6.44	68495	7.87					
1M54836.D	AC50106-001	193547	4.61	154517	6.45	43996	7.87					
1M54837.D	BLK	214197	4.61	179647	6.44	66876	7.87					
1M54838.D	AC50141-003	228699	4.61	190275	6.44	70465	7.87					
1M54839.D	AC50102-001	196733	4.61	134755	6.45	34806	7.87					
1M54840.D	AC50108-001	174727	4.61	133206	6.44	74812	7.87					
1M54841.D	AC50108-002	150904	4.62	117147	6.45	62058	7.87					
1M54842.D	AC50108-004	151905	4.62	118068	6.45	59343	7.87					
1M54843.D	AC50108-003(	151122	4.61	108008	6.45	49803	7.87					
1M54844.D	BLK	152825	4.62	124534	6.45	69284	7.87					
1M54845.D	AC50162-005	140207	4.61	115338	6.45	60336	7.87					
1M54846.D	AC50187-001(	180795	4.61	102058	6.45	49921	7.87					
1M54847.D	AC50162-005(	234982	4.62	190444	6.46	72550	7.89					
1M54848.D	AC50162-005(	161207	4.61	122568	6.45	65254	7.87					
1M54849.D	BLK	228375	4.62	131813	6.45	75295	7.87					
1M54850.D	BLK	234125	4.62	132587	6.45	76716	7.87					
1M54851.D	MBS15209	244372	4.61	201759	6.45	75074	7.87					
1M54852.D	AC50162-001	234303	4.62	192645	6.44	66319	7.87					
1M54853.D	AC50117-021	247964	4.61	183774	6.44	51262	7.87					
1M54854.D	AC50117-022	241292	4.61	179794	6.44	45966	7.87					
1M54855.D	AC50117-023	249430	4.61	207186	6.44	71543	7.87					
1M54856.D	AC50117-024	206127	4.60	100625	6.44	40759	7.87					
1M54857.D	AC50117-025	237264	4.61	135612	6.44	75326	7.87					
1M54858.D	AC50117-031	210223	4.62	192526	6.45	71172	7.87					
1M54859.D	AC50117-034	138506	4.61	125315	6.45	79857	7.87					
1M54860.D	BLK	241542	4.62	202056	6.44	116613	7.87					
1M54861.D	BLK	215187	4.62	121906	6.44	68281	7.87					
1M54862.D	BLK	211238	4.61	181411	6.44	65348	7.87					
1M54863.D	BLK	208915	4.61	178188	6.45	105351	7.87					
1M54864.D	BLK	204915	4.61	174072	6.44	101409	7.87					
1M54865.D	BLK	211783	4.61	177695	6.44	102343	7.87					
1M54866.D	BLK	202879	4.60	172374	6.44	101862	7.87					
1M54867.D	BLK	200437	4.61	112955	6.44	63777	7.87					
1M54868.D	BLK(5ML)OU	201997	4.61	117094	6.44	66573	7.87					
1M54869.D	BLK(5ML)F	209303	4.61	177885	6.44	100660	7.87					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 2M49896.D Method: EPA 8260B

Analysis Date/Time: 03/09/10 06:50

Lab File ID: CAL @ 20 PPB

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	476565	4.39	392728	6.19	235941	7.59						
Eval File Area Limit:	238282-953130		196364-785456		117970-471882							
Eval File Rt Limit:	3.89-4.89		5.69-6.69		7.09-8.09							

Data File	Sample											
2M49895.D	BLK	2778	4.11	0	0.00	0	0.00					
2M49897.D	BLK	443726	4.38	370757	6.19	216720	7.59					
2M49898.D	DAILY BLANK	429960	4.38	357809	6.19	217161	7.59					
2M49899.D	DAILY BLANK	443436	4.38	366785	6.19	219388	7.59					
2M49900.D	AC50165-005	434862	4.38	351647	6.19	207393	7.59					
2M49901.D	AC50165-006	416958	4.38	350257	6.19	202419	7.59					
2M49903.D	AC50108-005	408696	4.38	329853	6.19	206238	7.59					
2M49904.D	AC50183-001	427653	4.38	351256	6.19	227463	7.59					
2M49905.D	MBS15219	440955	4.38	382034	6.19	229361	7.59					
2M49906.D	MBS15220	423524	4.38	356298	6.19	226913	7.59					
2M49907.D	BLKJUG#2	431473	4.38	370832	6.19	232867	7.59					
2M49908.D	AC50203-003	429999	4.38	374050	6.19	229590	7.59					
2M49909.D	AC50199-001	417680	4.38	353256	6.19	215553	7.59					
2M49910.D	AC50199-002	425858	4.38	361211	6.19	223820	7.59					
2M49911.D	AC50199-003	430141	4.38	357501	6.19	216880	7.59					
2M49912.D	AC50199-004	432308	4.38	356008	6.19	221275	7.59					
2M49913.D	AC50199-005	431279	4.37	360237	6.19	223427	7.59					
2M49914.D	AC50199-006	424865	4.38	357563	6.19	215884	7.59					
2M49915.D	AC50199-007	432919	4.38	355092	6.19	212493	7.59					
2M49916.D	AC50143-003	445645	4.38	386019	6.19	236370	7.59					

I1 =	Fluorobenzene	I4 =	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Chlorobenzene-d5	I5 =	624/8260 Internal Standard concentration = 30ug/L
I3 =	1,4-Dichlorobenzene-d4	I6 =	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210S01
Data File: 1M54840.D
Analysis Date: 03/08/10 13:33
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 56

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0089	U	56-23-5	Carbon Tetrachloride	0.0089	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0089	U	108-90-7	Chlorobenzene	0.0089	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0089	U	75-00-3	Chloroethane	0.0089	U
79-00-5	1,1,2-Trichloroethane	0.0089	U	67-66-3	Chloroform	0.0089	U
75-34-3	1,1-Dichloroethane	0.0089	U	74-87-3	Chloromethane	0.0089	U
75-35-4	1,1-Dichloroethene	0.0089	U	156-59-2	cis-1,2-Dichloroethene	0.0089	U
96-18-4	1,2,3-Trichloropropane	0.0089	U	10061-01-5	cis-1,3-Dichloropropene	0.0089	U
95-63-6	1,2,4-Trimethylbenzene	0.0018	U	124-48-1	Dibromochloromethane	0.0089	U
95-50-1	1,2-Dichlorobenzene	0.0089	U	75-71-8	Dichlorodifluoromethane	0.0089	U
107-06-2	1,2-Dichloroethane	0.0089	U	100-41-4	Ethylbenzene	0.0018	U
78-87-5	1,2-Dichloropropane	0.0089	U	98-82-8	Isopropylbenzene	0.0018	U
108-67-8	1,3,5-Trimethylbenzene	0.0018	U	136777612	m&p-Xylenes	0.0018	U
541-73-1	1,3-Dichlorobenzene	0.0089	U	75-09-2	Methylene Chloride	0.0089	U
142-28-9	1,3-Dichloropropane	0.0089	U	1634-04-4	Methyl-t-butyl ether	0.0018	U
106-46-7	1,4-Dichlorobenzene	0.0089	U	104-51-8	n-Butylbenzene	0.0018	U
123-91-1	1,4-Dioxane	0.44	U	103-65-1	n-Propylbenzene	0.0018	U
78-93-3	2-Butanone	0.0089	U	95-47-6	o-Xylene	0.0018	U
110-75-8	2-Chloroethylvinylether	0.0089	U	135-98-8	sec-Butylbenzene	0.0018	U
591-78-6	2-Hexanone	0.0089	U	100-42-5	Styrene	0.0089	U
99-87-6	4-Isopropyltoluene	0.0018	U	75-65-0	t-Butyl Alcohol	0.044	U
108-10-1	4-Methyl-2-Pentanone	0.0089	U	98-06-6	t-Butylbenzene	0.0018	U
67-64-1	Acetone	0.044	U	127-18-4	Tetrachloroethene	0.0089	U
107-02-8	Acrolein	0.044	U	108-88-3	Toluene	0.0018	U
107-13-1	Acrylonitrile	0.0089	U	156-60-5	trans-1,2-Dichloroethene	0.0089	U
71-43-2	**Benzene**	**0.0018**	**0.0018**	10061-02-6	trans-1,3-Dichloropropene	0.0089	U
75-27-4	Bromodichloromethane	0.0089	U	79-01-6	Trichloroethene	0.0089	U
75-25-2	Bromoform	0.0089	U	75-69-4	Trichlorofluoromethane	0.0089	U
74-83-9	Bromomethane	0.0089	U	75-01-4	Vinyl Chloride	0.0089	U
75-15-0	**Carbon Disulfide**	**0.0089**	**0.023**	1330-20-7	Xylenes (Total)	0.0018	U

Worksheet #: 144620

Total Target Concentration 0.025

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210
Data File: 1M54840.D
Analysis Date: 03/08/10 13:33
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 56
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.031 J
2	554-14-3	Thiophene, 2-methyl-	5.69	0.0085 J
3	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.89	0.0070 J
4	91-20-3	Naphthalene	9.34	0.021 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0.068

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

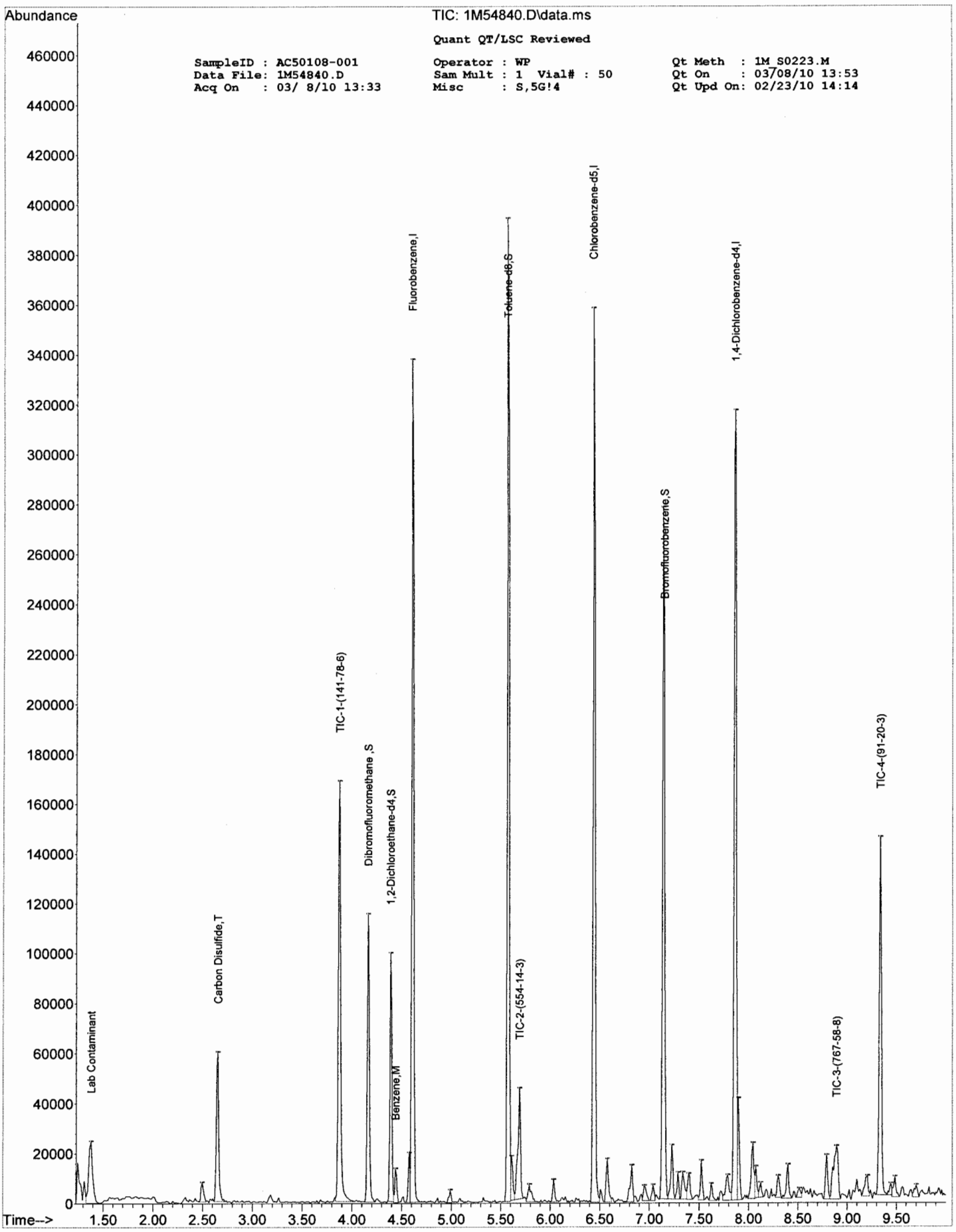
Quantitation Report (QT/LSC Reviewed)

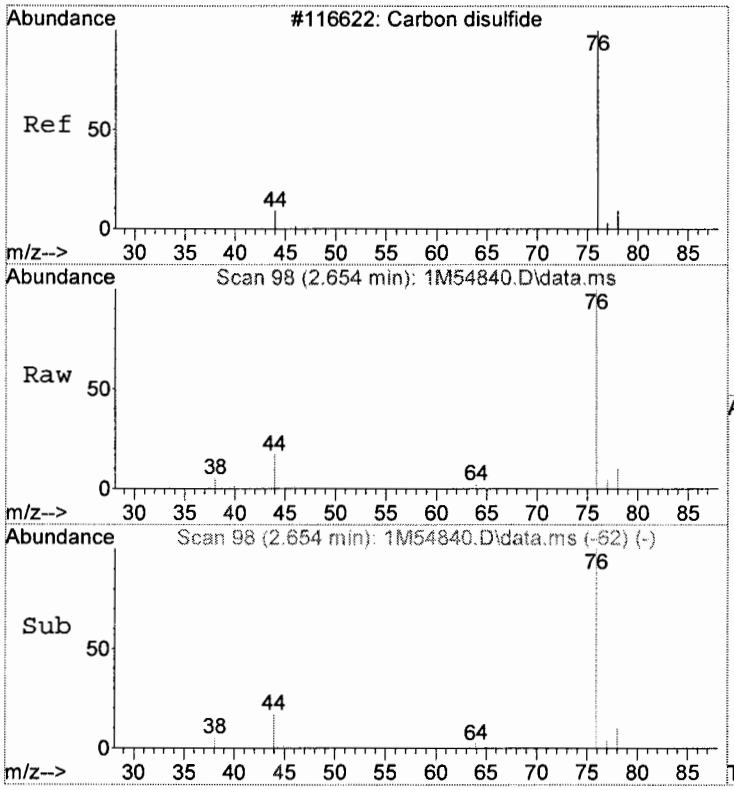
SampleID : AC50108-001 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54840.D Sam Mult : 1 Vial# : 50 Qt On : 03/08/10 13:53
Acq On : 03/ 8/10 13:33 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.606	96	174727	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.439	117	133206	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	74812	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.162	111	48277	30.68	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.27%		
35) 1,2-Dichloroethane-d4	4.389	102	8571	30.05	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.17%		
59) Toluene-d8	5.572	100	113254	28.33	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.43%		
67) Bromofluorobenzene	7.149	174	62286	28.08	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.60%		
Target Compounds						Qvalue
18) Carbon Disulfide	2.654	76	70008	12.70	ug/l	100
46) Benzene	4.438	78	6822	1.00	ug/l	100
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.606		481564	30.00	ug/l	--
2) Chlorobenzene-d5	6.439		492019	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.868		551821	30.00	ug/l	--
Library Search Compounds						
1) 141-78-6	3.880		279658	17.42	ug/l	45
2) 554-14-3	5.690		78575	4.79	ug/l	91
3) 767-58-8	8.890		72805	3.96	ug/l	50
4) 91-20-3	9.340		215713	11.73	ug/l	95

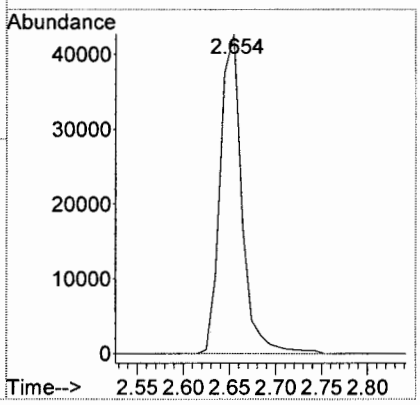
(#) = qualifier out of range (m) = manual integration (+) = signals summed

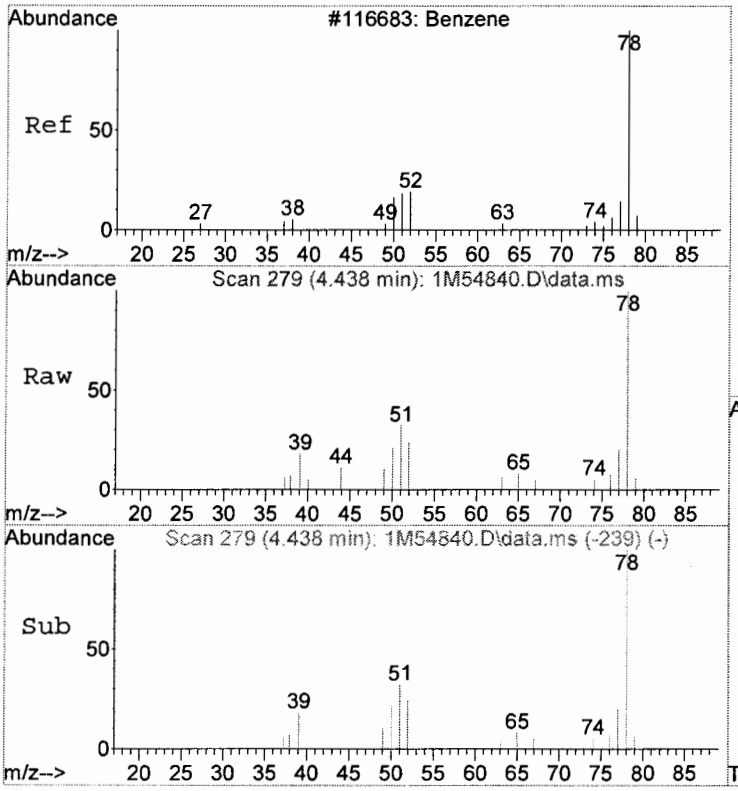

Abundance
TIC: 1M54840.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-001
Data File: 1M54840.D
Acq On : 03/ 8/10 13:33
Operator : WP
Sam Mult : 1 Vial# : 50
Misc : S,5G!4
Qt Meth : 1M_S0223.M
Qt On : 03/08/10 13:53
Qt Upd On: 02/23/10 14:14
Lab Contaminant
Carbon Disulfide,T
TIC-1-(141-78-6)
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Toluene-d8,S
TIC-2-(554-14-3)
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
TIC-3-(767-58-8)
TIC-4-(91-20-3)
Time-->



#18
Carbon Disulfide
Concen: 12.70 ug/l
RT: 2.654 min Scan# 98
Delta R.T. 0.001 min
Lab File: 1M54840.D
Acq: 8 Mar 2010 13:33

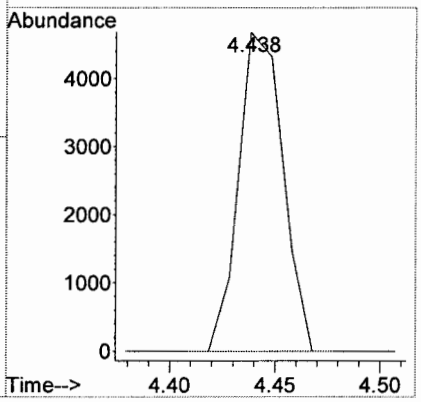
Tgt Ion: 76 Resp: 70008





#46
Benzene
Concen: 1.00 ug/l
RT: 4.438 min Scan# 279
Delta R.T. -0.009 min
Lab File: 1M54840.D
Acq: 8 Mar 2010 13:33

Tgt Ion: 78 Resp: 6822



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M54840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.381	7	10	16	rVB	24398	67449	12.85%	1.654%
2	2.497	79	82	86	rBV	7442	14220	2.71%	0.349%
3	2.654	94	98	106	rVB	59411	96644	18.41%	2.370%
4	3.876	218	222	237	rVB	168160	279658	53.26%	6.858%
5	4.162	248	251	258	rBV	114990	168082	32.01%	4.122%
6	4.389	271	274	277	rBV	98953	133636	25.45%	3.277%
7	4.438	277	279	282	rVB	13332	18540	3.53%	0.455%
8	4.576	289	293	294	rBV	19576	25275	4.81%	0.620%
9	4.606	294	296	304	rVB	337347	455550	86.76%	11.171%
10	4.990	331	335	337	rBV	4800	7485	1.43%	0.184%
11	5.572	391	394	397	rBV	393475	525070	100.00%	12.876%
12	5.611	397	398	401	rVV	17377	21927	4.18%	0.538%
13	5.690	401	406	410	rVB2	43968	78575	14.96%	1.927%
14	5.788	413	416	422	rVB2	6638	15288	2.91%	0.375%
15	6.035	438	441	446	rBV	8720	12504	2.38%	0.307%
16	6.439	479	482	488	rBV	357977	492817	93.86%	12.085%
17	6.577	493	496	500	rBV4	16945	28787	5.48%	0.706%
18	6.823	515	521	523	rBV3	14463	27000	5.14%	0.662%
19	6.951	532	534	540	rVB2	5949	12424	2.37%	0.305%
20	7.040	540	543	545	rBV2	6169	9651	1.84%	0.237%
21	7.139	550	553	558	rBV	276714	407884	77.68%	10.002%
22	7.227	558	562	565	rVV2	21332	32886	6.26%	0.806%
23	7.286	565	568	570	rVV	10413	13426	2.56%	0.329%
24	7.336	570	573	577	rVV2	10550	22008	4.19%	0.540%
25	7.395	577	579	583	rVB2	10074	17772	3.38%	0.436%
26	7.523	589	592	595	rVB	15591	20565	3.92%	0.504%
27	7.622	600	602	608	rVB	6538	10207	1.94%	0.250%
28	7.789	614	619	623	rVV4	10020	26646	5.07%	0.653%
29	7.868	623	627	629	rVV	316110	510813	97.28%	12.526%
30	7.898	629	630	634	rVB	40439	41865	7.97%	1.027%
31	8.045	640	645	647	rBV2	22058	44693	8.51%	1.096%
32	8.075	647	648	651	rVV	12366	14493	2.76%	0.355%
33	8.124	651	653	656	rVB3	5658	8196	1.56%	0.201%
34	8.302	668	671	674	rVB3	8451	15240	2.90%	0.374%
35	8.400	674	681	685	rVB3	13431	23022	4.38%	0.565%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	8.518	689	693	695	rBV2	3403	7502	1.43%	0.184%
37	8.794	718	721	724	rBV	17502	27701	5.28%	0.679%
38	8.893	724	731	735	rVB3	21106	72805	13.87%	1.785%
39	9.208	757	763	765	rBV5	8039	21151	4.03%	0.519%
40	9.336	771	776	783	rBV	143082	215713	41.08%	5.290%
41	9.445	783	787	788	rVV4	4500	8029	1.53%	0.197%
42	9.484	788	791	796	rVB5	8022	14165	2.70%	0.347%
43	9.701	809	813	816	rVB4	4735	10569	2.01%	0.259%

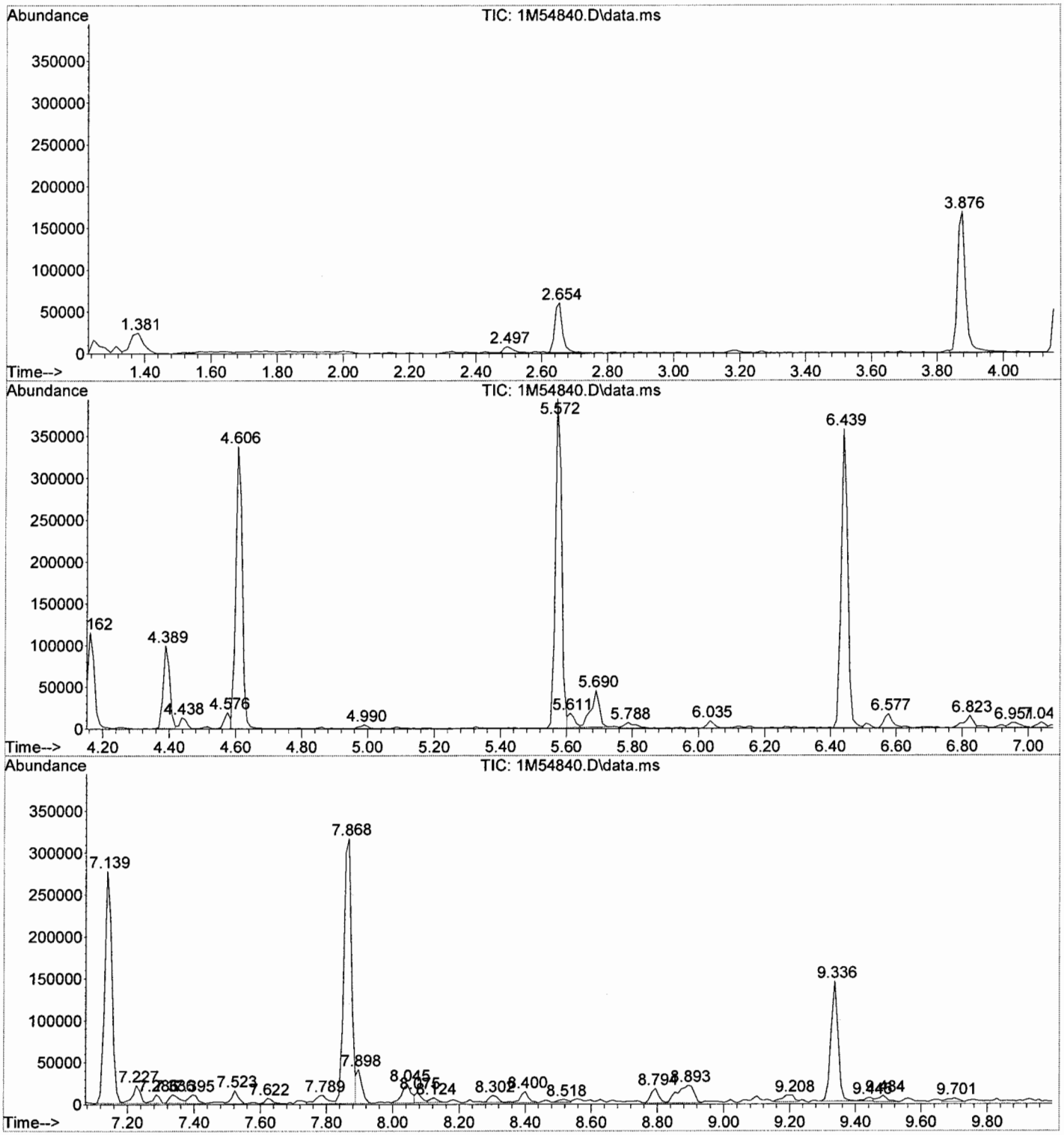
Sum of corrected areas: 4077933

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

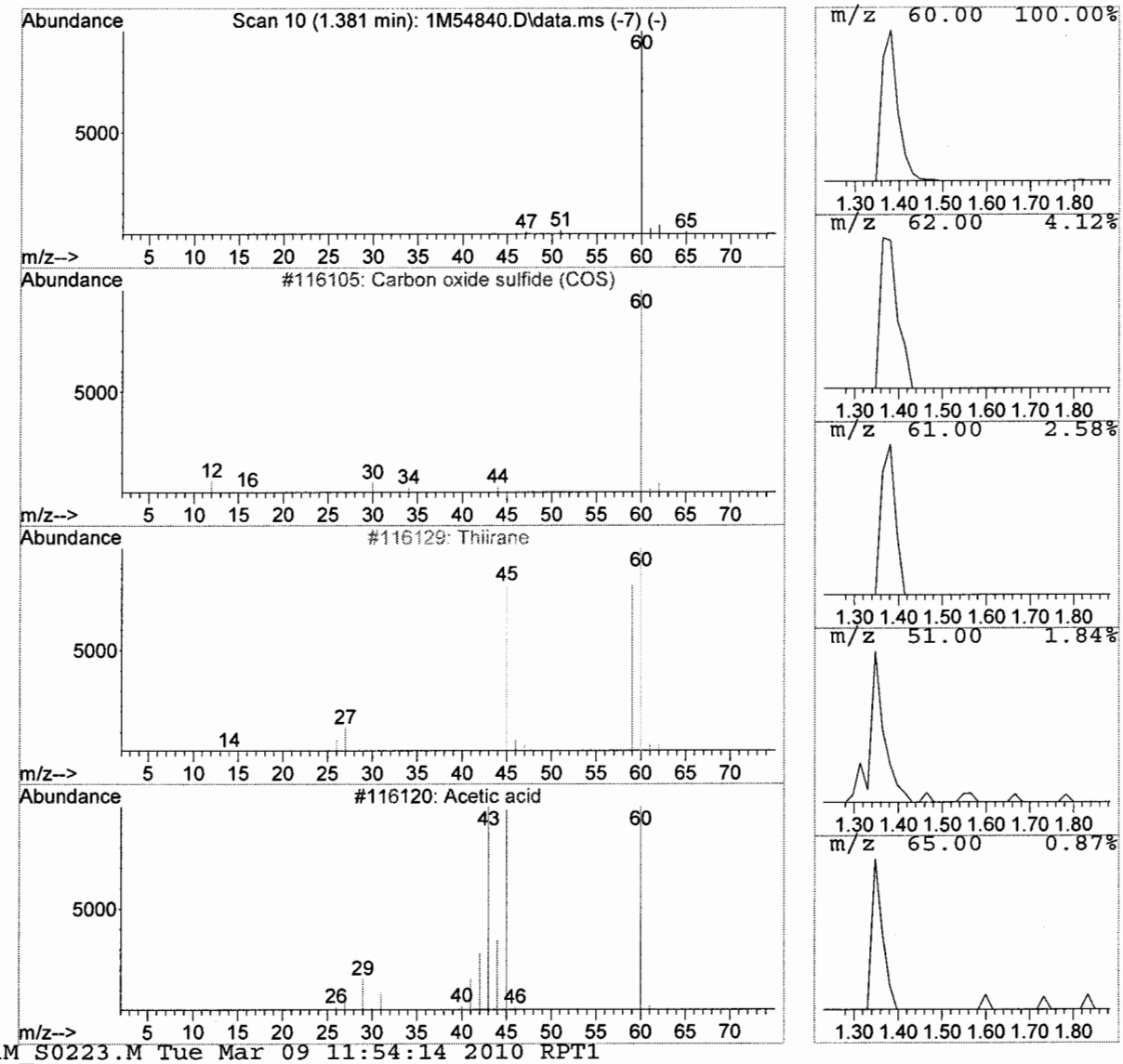
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 Lab Contaminant Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.38	4.20 ug/l	67449	LibIS-Fluorobenzene	4.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon oxide sulfide (COS)	60	COS	000463-58-1	5
2	Thiirane	60	C2H4S	000420-12-2	7
3	Acetic acid	60	C2H4O2	000064-19-7	4
4	Acetic acid	60	C2H4O2	000064-19-7	5
5	Acetic acid	60	C2H4O2	000064-19-7	4



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

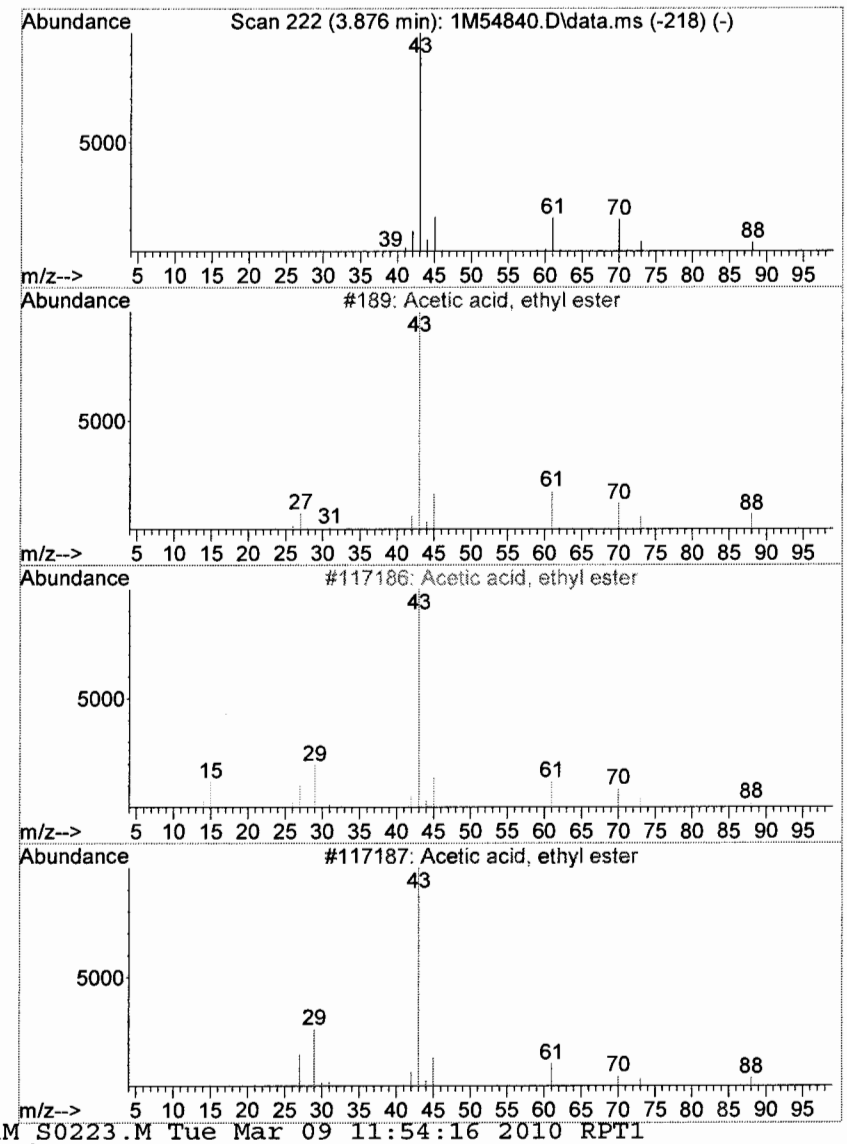
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

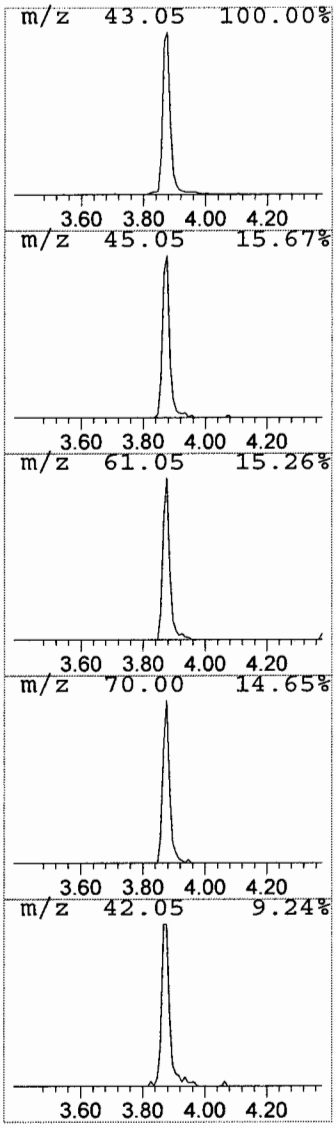
****

Peak Number 2 Acetic acid, ethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	17.42 ug/l	279658	LibIS-Fluorobenzene	4.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	45
2	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	90
3	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	80
4	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	72
5	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	9





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

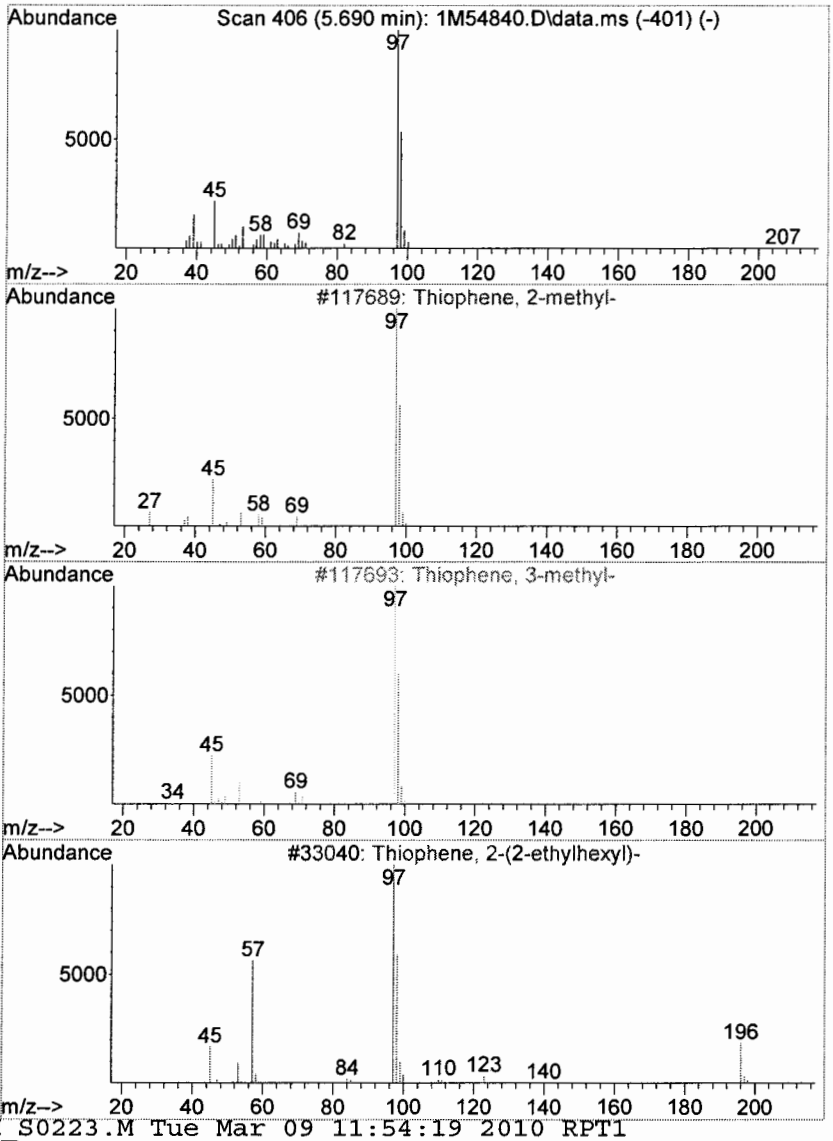
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

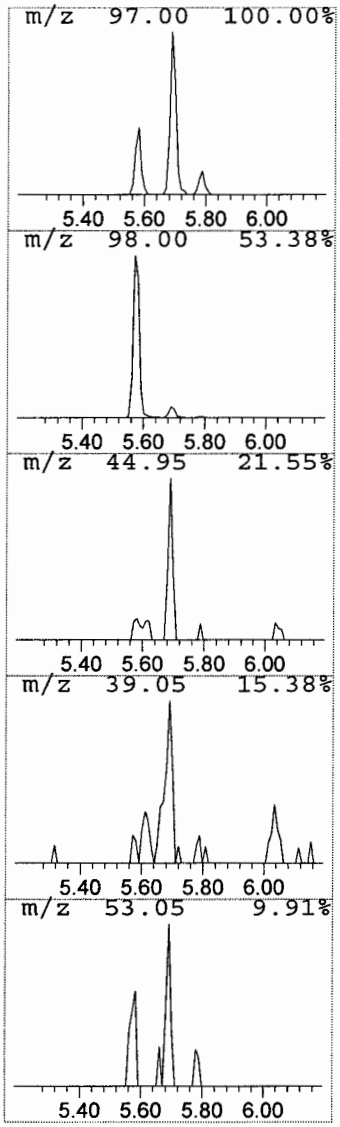
****

Peak Number 3 Thiophene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	4.79 ug/l	78575	LibIS-Chlorobenzene-d5	6.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 2-(2-ethylhexyl)-	196	C12H20S	004891-44-5	56
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	90
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	86





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

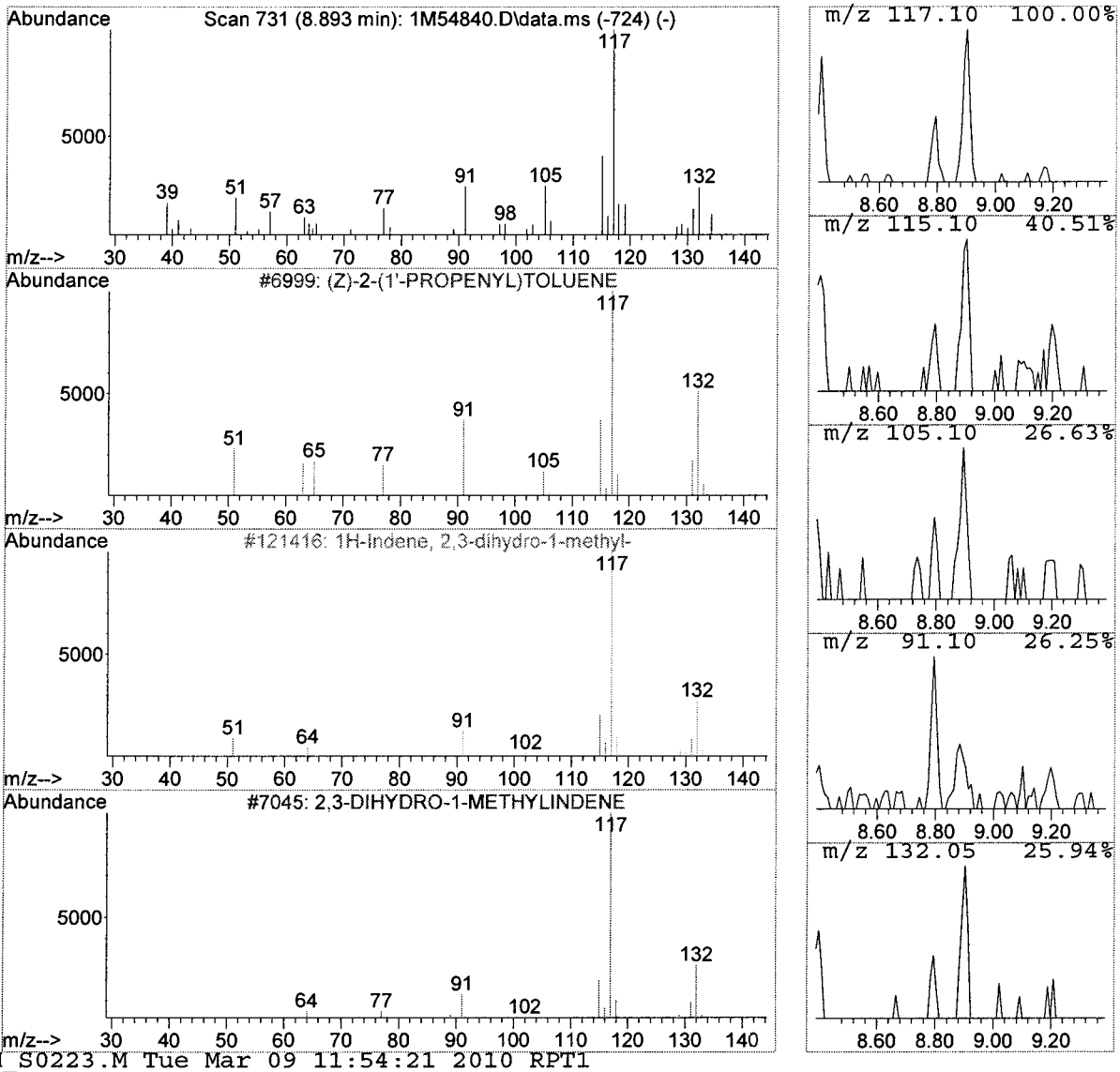
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	3.96 ug/l	72805	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-2-(1'-PROPENYL)TOLUENE	132	C10H12	002077-33-0	30
2	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	50
3	2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	50
4	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	47
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	27



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

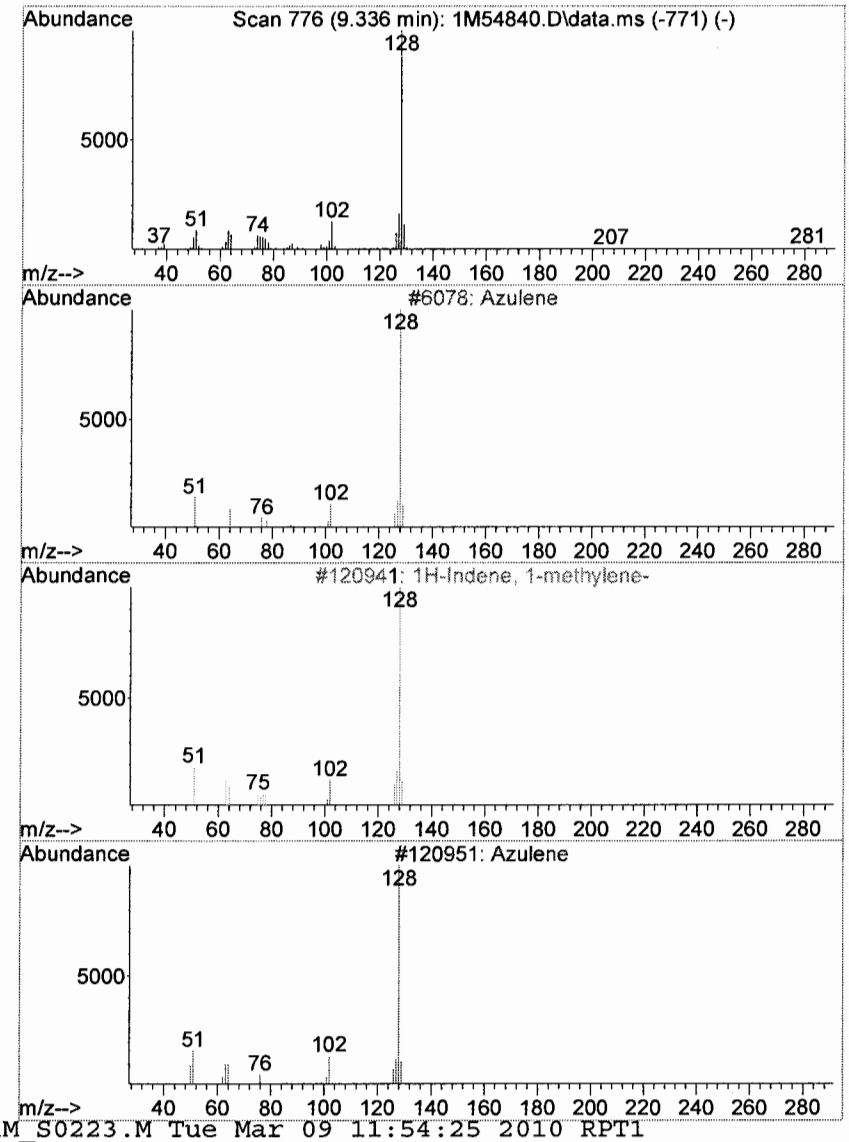
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

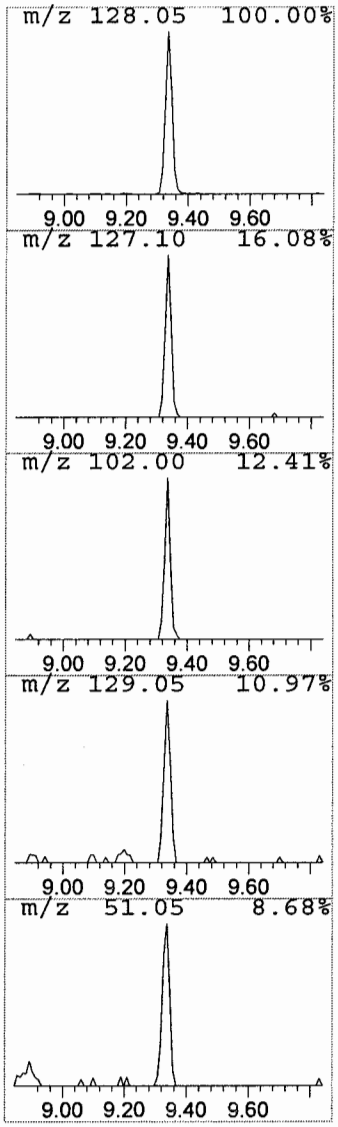
****

Peak Number 5 Naphthalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	11.73 ug/l	215713	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	86
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	72
3	Azulene	128	C10H8	000275-51-4	49
4	Naphthalene	128	C10H8	000091-20-3	95
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	156	C11H8O	036628-80-5	47





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54840.D
Acq On : 8 Mar 2010 13:33
Operator : WP
Sample : AC50108-001
Misc : S,5G!4
ALS Vial : 50 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
Lab Contaminant	1.38	4.2	ug/l	67449	1 4.61	4.61	481564	30.0
Acetic acid, ethy...	3.88	17.4	ug/l	279658	1 4.61	4.61	481564	30.0
Thiophene, 2-methyl-	5.69	4.8	ug/l	78575	2 6.44	6.44	492019	30.0
1H-Indene, 2,3-di...	8.89	4.0	ug/l	72805	3 7.87	7.87	551821	30.0
Naphthalene	9.34	11.7	ug/l	215713	3 7.87	7.87	551821	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210S01
Data File: 1M54841.D
Analysis Date: 03/08/10 13:49
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 57

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0087	U	56-23-5	Carbon Tetrachloride	0.0087	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0087	U	108-90-7	Chlorobenzene	0.0087	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0087	U	75-00-3	Chloroethane	0.0087	U
79-00-5	1,1,2-Trichloroethane	0.0087	U	67-66-3	Chloroform	0.0087	U
75-34-3	1,1-Dichloroethane	0.0087	U	74-87-3	Chloromethane	0.0087	U
75-35-4	1,1-Dichloroethene	0.0087	U	156-59-2	cis-1,2-Dichloroethene	0.0087	U
96-18-4	1,2,3-Trichloropropane	0.0087	U	10061-01-5	cis-1,3-Dichloropropene	0.0087	U
95-63-6	1,2,4-Trimethylbenzene	0.0017	U	124-48-1	Dibromochloromethane	0.0087	U
95-50-1	1,2-Dichlorobenzene	0.0087	U	75-71-8	Dichlorodifluoromethane	0.0087	U
107-06-2	1,2-Dichloroethane	0.0087	U	100-41-4	Ethylbenzene	0.0017	U
78-87-5	1,2-Dichloropropane	0.0087	U	98-82-8	Isopropylbenzene	0.0017	U
108-67-8	1,3,5-Trimethylbenzene	0.0017	U	136777612	m&p-Xylenes	0.0017	U
541-73-1	1,3-Dichlorobenzene	0.0087	U	75-09-2	Methylene Chloride	0.0087	U
142-28-9	1,3-Dichloropropane	0.0087	U	1634-04-4	Methyl-t-butyl ether	0.0017	U
106-46-7	1,4-Dichlorobenzene	0.0087	U	104-51-8	n-Butylbenzene	0.0017	U
123-91-1	1,4-Dioxane	0.44	U	103-65-1	n-Propylbenzene	0.0017	U
78-93-3	2-Butanone	0.0087	U	95-47-6	o-Xylene	0.0017	U
110-75-8	2-Chloroethylvinylether	0.0087	U	135-98-8	sec-Butylbenzene	0.0017	U
591-78-6	2-Hexanone	0.0087	U	100-42-5	Styrene	0.0087	U
99-87-6	4-Isopropyltoluene	0.0017	U	75-65-0	t-Butyl Alcohol	0.044	U
108-10-1	4-Methyl-2-Pentanone	0.0087	U	98-06-6	t-Butylbenzene	0.0017	U
67-64-1	Acetone	0.044	U	127-18-4	Tetrachloroethene	0.0087	U
107-02-8	Acrolein	0.044	U	108-88-3	Toluene	0.0017	U
107-13-1	Acrylonitrile	0.0087	U	156-60-5	trans-1,2-Dichloroethene	0.0087	U
71-43-2	Benzene	0.0017	U	10061-02-6	trans-1,3-Dichloropropene	0.0087	U
75-27-4	Bromodichloromethane	0.0087	U	79-01-6	Trichloroethene	0.0087	U
75-25-2	Bromoform	0.0087	U	75-69-4	Trichlorofluoromethane	0.0087	U
74-83-9	Bromomethane	0.0087	U	75-01-4	Vinyl Chloride	0.0087	U
75-15-0	**Carbon Disulfide**	**0.0087**	**0.012**	1330-20-7	Xylenes (Total)	0.0017	U

Worksheet #: 144620

Total Target Concentration 0.012

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210
Data File: 1M54841.D
Analysis Date: 03/08/10 13:49
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 57
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.020 J
2	508-32-7	Tricyclene	6.98	0.091 J
3	5794-03-6	Bicyclo[2.2.1]heptane, 2,2-dimethyl-3-m	7.21	0.049 J
4	928-49-4	3-Hexyne	7.30	0.025 J
5	20536-40-7	ENDOISOCAMPHANE	7.40	0.067 J
6	20536-40-7	ENDOISOCAMPHANE	7.48	0.28 J
7	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.41	0.018 J
8	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.90	0.042 J
9	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.21	0.018 J
10	91-20-3	Naphthalene	9.34	0.033 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0.64

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

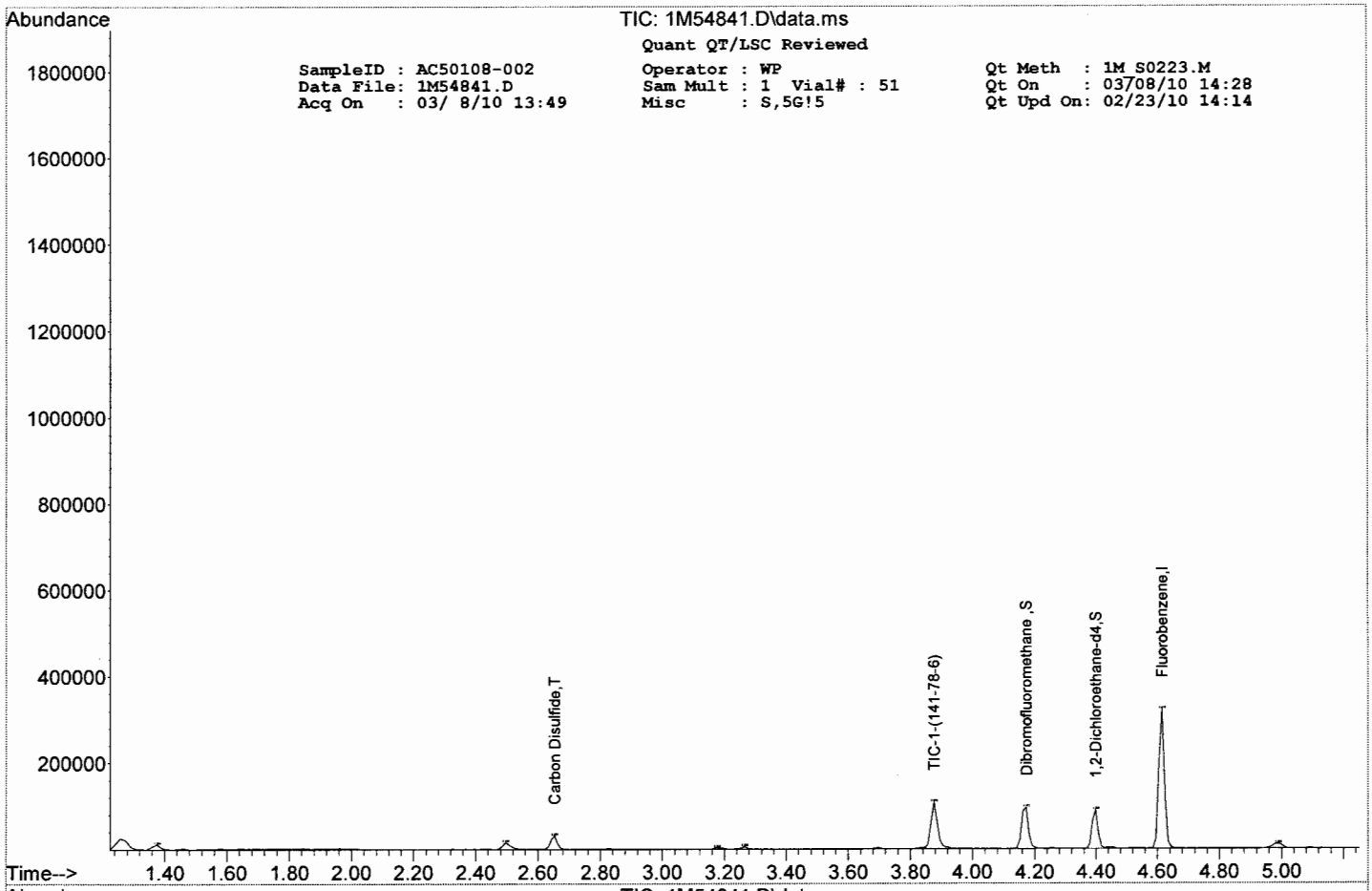
Quantitation Report (QT/LSC Reviewed)

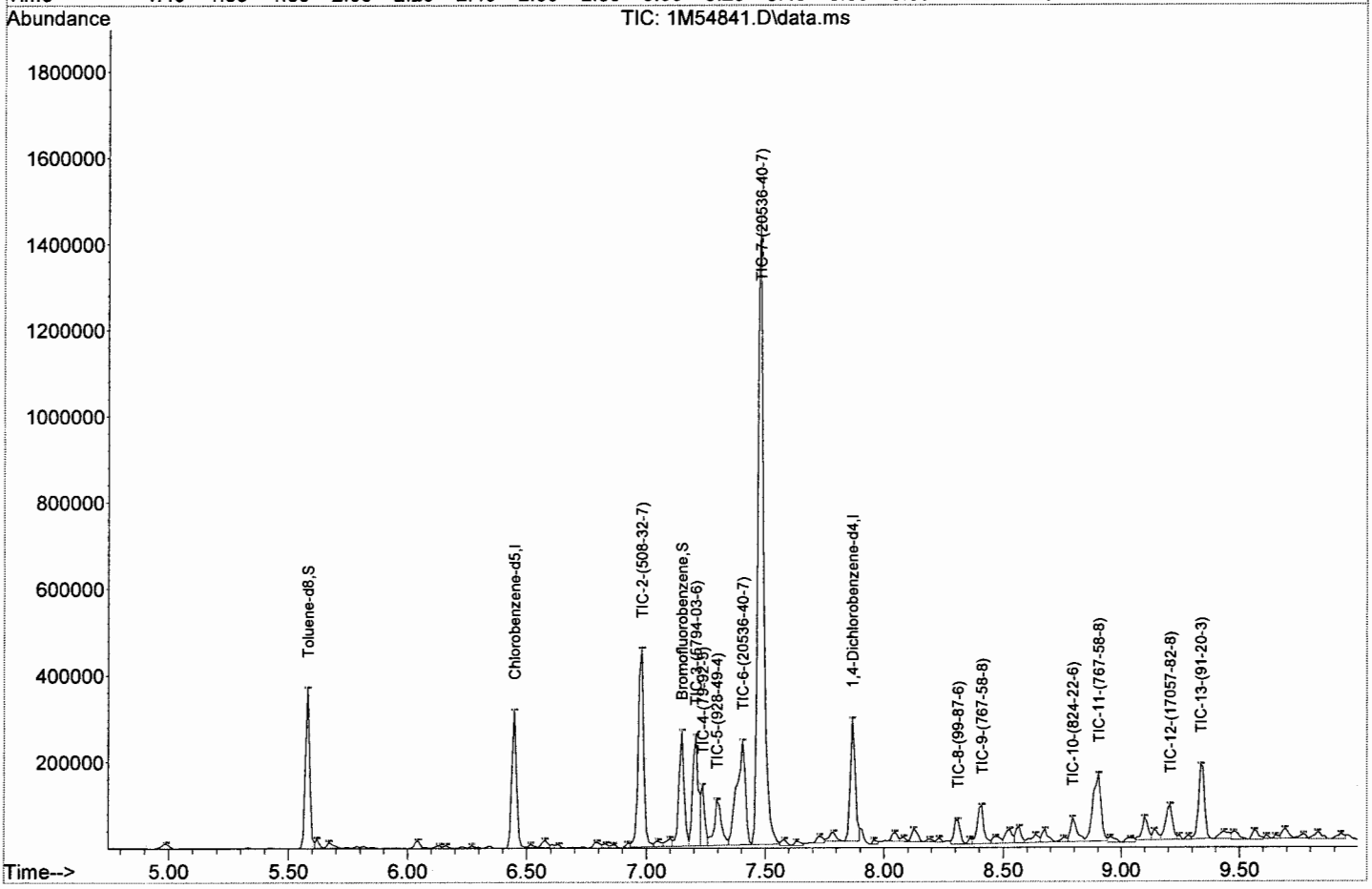
SampleID : AC50108-002 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54841.D Sam Mult : 1 Vial# : 51 Qt On : 03/08/10 14:28
Acq On : 03/ 8/10 13:49 Misc : S,5G!5 Qt Upd On: 02/23/10 14:14

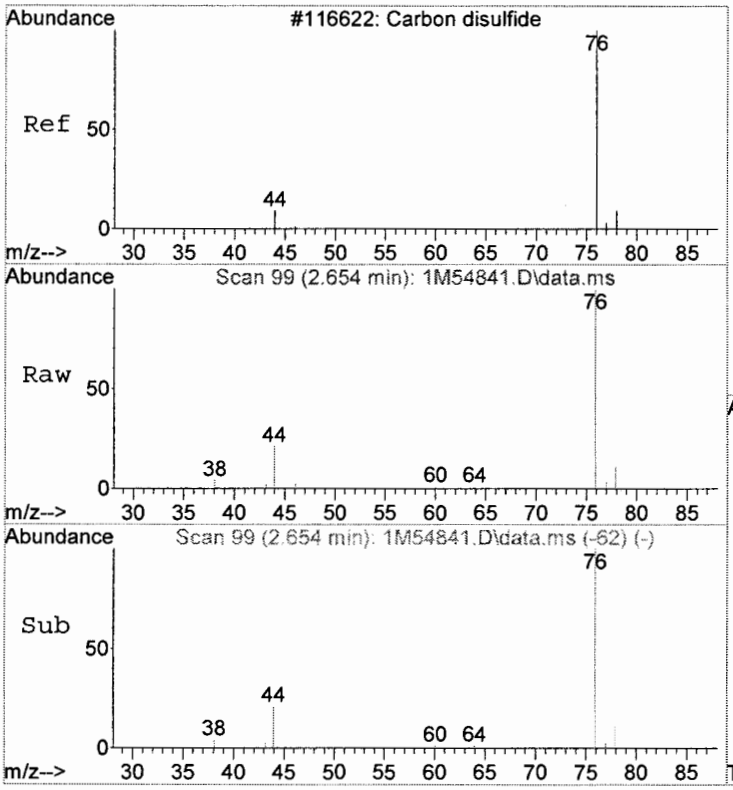
Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	150904	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	117147	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	62058	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	43285	31.85	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.17%		
35) 1,2-Dichloroethane-d4	4.398	102	7097	28.81	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.03%		
59) Toluene-d8	5.581	100	98474	28.00	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.33%		
67) Bromofluorobenzene	7.148	174	55736	30.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.97%		
Target Compounds						Qvalue
18) Carbon Disulfide	2.654	76	32445	6.81	ug/l	100
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.615		405818	30.00	ug/l	--
2) Chlorobenzene-d5	6.448		428658	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.867		470122	30.00	ug/l	--
Library Search Compounds						
1) 141-78-6	3.880		158020	11.68	ug/l	90
2) 508-32-7	6.980		741273	51.88	ug/l	94
3) 5794-03-6	7.210		443289	28.29	ug/l	90
4) 79-92-5	7.240		126920	8.10	ug/l	47
5) 928-49-4	7.300		222444	14.19	ug/l	58
6) 20536-40-7	7.400		604788	38.59	ug/l	91
7) 20536-40-7	7.480		2496634	159.32	ug/l	95
8) 99-87-6	8.310		99893	6.37	ug/l	58
9) 767-58-8	8.410		165052	10.53	ug/l	81
10) 824-22-6	8.790		103560	6.61	ug/l	64
11) 767-58-8	8.900		374777	23.92	ug/l	68
12) 17057-82-8	9.210		163975	10.46	ug/l	86
13) 91-20-3	9.340		300403	19.17	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

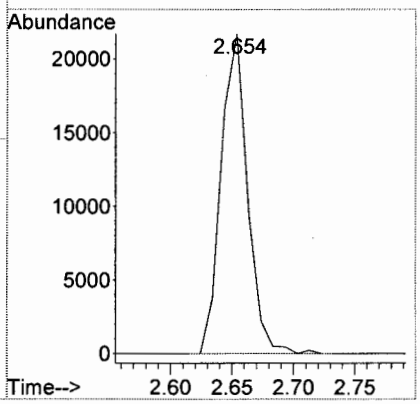

Abundance
TIC: 1M54841.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-002
Data File: 1M54841.D
Acq On : 03/ 8/10 13:49
Operator : WP
Sam Mult : 1 Vial# : 51
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 03708/10 14:28
Qt Upd On: 02/23/10 14:14
Carbon Disulfide,T
TIC-1-(141-78-6)
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Time-->


Abundance
TIC: 1M54841.D\data.ms
Toluene-d8,S
Chlorobenzene-d5,I
TIC-2-(508-32-7)
Bromofluorobenzene,S
TIC-3-(6794-03-6)
TIC-4-(79-92-5)
TIC-5-(928-49-4)
TIC-6-(20536-40-7)
TIC-7-(20536-40-7)
1,4-Dichlorobenzene-d4,I
TIC-8-(99-87-6)
TIC-9-(767-58-8)
TIC-10-(824-22-6)
TIC-11-(767-58-8)
TIC-12-(17057-82-8)
TIC-13-(91-20-3)
Time-->



#18
Carbon Disulfide
Concen: 6.81 ug/l
RT: 2.654 min Scan# 99
Delta R.T. 0.000 min
Lab File: 1M54841.D
Acq: 8 Mar 2010 13:49

Tgt Ion: 76 Resp: 32445



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M54841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.376	8	10	13	rVB	11464	22446	0.90%	0.229%
2	2.496	79	83	90	rBV	15362	28517	1.14%	0.291%
3	2.654	96	99	104	rVB	30848	44879	1.80%	0.458%
4	3.176	149	152	157	rBV2	3814	7384	0.30%	0.075%
5	3.265	157	161	164	rVV	5452	7392	0.30%	0.075%
6	3.876	220	223	231	rVB	107215	158020	6.33%	1.612%
7	4.172	249	253	260	rBV	94525	144606	5.79%	1.475%
8	4.398	273	276	279	rBV	88962	119660	4.79%	1.221%
9	4.615	295	298	301	rBV	321194	400970	16.06%	4.091%
10	4.990	328	336	340	rBV3	10692	23878	0.96%	0.244%
11	5.581	392	396	399	rBV	368932	463141	18.55%	4.725%
12	5.620	399	400	403	rVV	20459	19569	0.78%	0.200%
13	5.670	403	405	410	rVB3	13129	22917	0.92%	0.234%
14	6.044	439	443	445	rBV	17009	27031	1.08%	0.276%
15	6.133	448	452	453	rBV	5963	10535	0.42%	0.107%
16	6.162	453	455	459	rVB2	6001	8809	0.35%	0.090%
17	6.271	464	466	468	rBV2	5961	7195	0.29%	0.073%
18	6.448	480	484	489	rBV	317260	428658	17.17%	4.373%
19	6.517	489	491	494	rVB2	7615	9653	0.39%	0.098%
20	6.576	494	497	499	rBV4	17130	29646	1.19%	0.302%
21	6.635	501	503	506	rVB	8128	10898	0.44%	0.111%
22	6.793	515	519	521	rBV2	13357	27630	1.11%	0.282%
23	6.833	521	523	524	rVV	8637	11823	0.47%	0.121%
24	6.862	524	526	530	rVB2	7064	10791	0.43%	0.110%
25	6.921	530	532	533	rBV	9515	13821	0.55%	0.141%
26	6.980	533	538	543	rVV	457232	741273	29.69%	7.563%
27	7.049	543	545	547	rVV2	13057	25744	1.03%	0.263%
28	7.099	547	550	551	rVV3	17505	32034	1.28%	0.327%
29	7.148	551	555	558	rVV	265928	398538	15.96%	4.066%
30	7.207	558	561	563	rVV	252801	443289	17.76%	4.523%
31	7.237	563	564	566	rVV	138960	126920	5.08%	1.295%
32	7.296	566	570	575	rVV	104277	222444	8.91%	2.269%
33	7.404	575	581	585	rVV2	239726	604788	24.22%	6.170%
34	7.483	585	589	597	rVV2	1451388	2496634	100.00%	25.471%
35	7.582	597	599	602	rVB2	13043	20254	0.81%	0.207%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	7.631	602	604	607	rBV3	9932	18877	0.76%	0.193%
37	7.729	611	614	616	rBV3	16058	30196	1.21%	0.308%
38	7.789	616	620	624	rVB6	20438	42521	1.70%	0.434%
39	7.867	624	628	631	rBV	281627	409646	16.41%	4.179%
40	7.956	636	637	639	rBV	9813	13349	0.53%	0.136%
41	8.045	643	646	648	rBV4	20500	34817	1.39%	0.355%
42	8.084	648	650	652	rVV2	9695	13873	0.56%	0.142%
43	8.124	652	654	658	rVV3	29110	50574	2.03%	0.516%
44	8.193	658	661	663	rVV4	6989	10281	0.41%	0.105%
45	8.232	663	665	667	rVB2	10260	11654	0.47%	0.119%
46	8.311	670	673	676	rVB3	56402	99893	4.00%	1.019%
47	8.360	676	678	679	rBV	13323	17801	0.71%	0.182%
48	8.409	679	683	687	rVV	88077	165052	6.61%	1.684%
49	8.469	687	689	692	rVV3	15942	37479	1.50%	0.382%
50	8.528	692	695	697	rVV3	31988	67761	2.71%	0.691%
51	8.567	697	699	701	rVV	37093	54588	2.19%	0.557%
52	8.636	701	706	708	rVV5	19691	46921	1.88%	0.479%
53	8.676	708	710	715	rVV2	30660	52038	2.08%	0.531%
54	8.754	715	718	720	rVV3	10399	19683	0.79%	0.201%
55	8.794	720	722	727	rVV3	55178	103560	4.15%	1.057%
56	8.902	727	733	737	rVV2	155339	374777	15.01%	3.824%
57	8.952	737	738	743	rVB4	13173	24131	0.97%	0.246%
58	9.040	743	747	749	rBV4	10127	27420	1.10%	0.280%
59	9.099	749	753	756	rVV	53537	96579	3.87%	0.985%
60	9.139	756	757	760	rVV2	23240	39215	1.57%	0.400%
61	9.208	760	764	767	rVV2	80660	163975	6.57%	1.673%
62	9.247	767	768	770	rVB2	10072	6469	0.26%	0.066%
63	9.287	770	772	773	rBV2	9684	12950	0.52%	0.132%
64	9.336	773	777	781	rVB	171500	300403	12.03%	3.065%
65	9.434	783	787	790	rBV5	17540	53673	2.15%	0.548%
66	9.474	790	791	797	rVB4	18881	37486	1.50%	0.382%
67	9.563	797	800	804	rBV2	21614	42780	1.71%	0.436%
68	9.612	804	805	807	rVB2	8574	8582	0.34%	0.088%
69	9.651	807	809	811	rBV3	8505	12662	0.51%	0.129%
70	9.691	811	813	817	rVB3	22830	40976	1.64%	0.418%
71	9.770	817	821	823	rVB5	10825	20523	0.82%	0.209%
72	9.829	823	827	832	rVB3	16490	38448	1.54%	0.392%
73	9.927	832	837	839	rBV6	13560	28407	1.14%	0.290%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

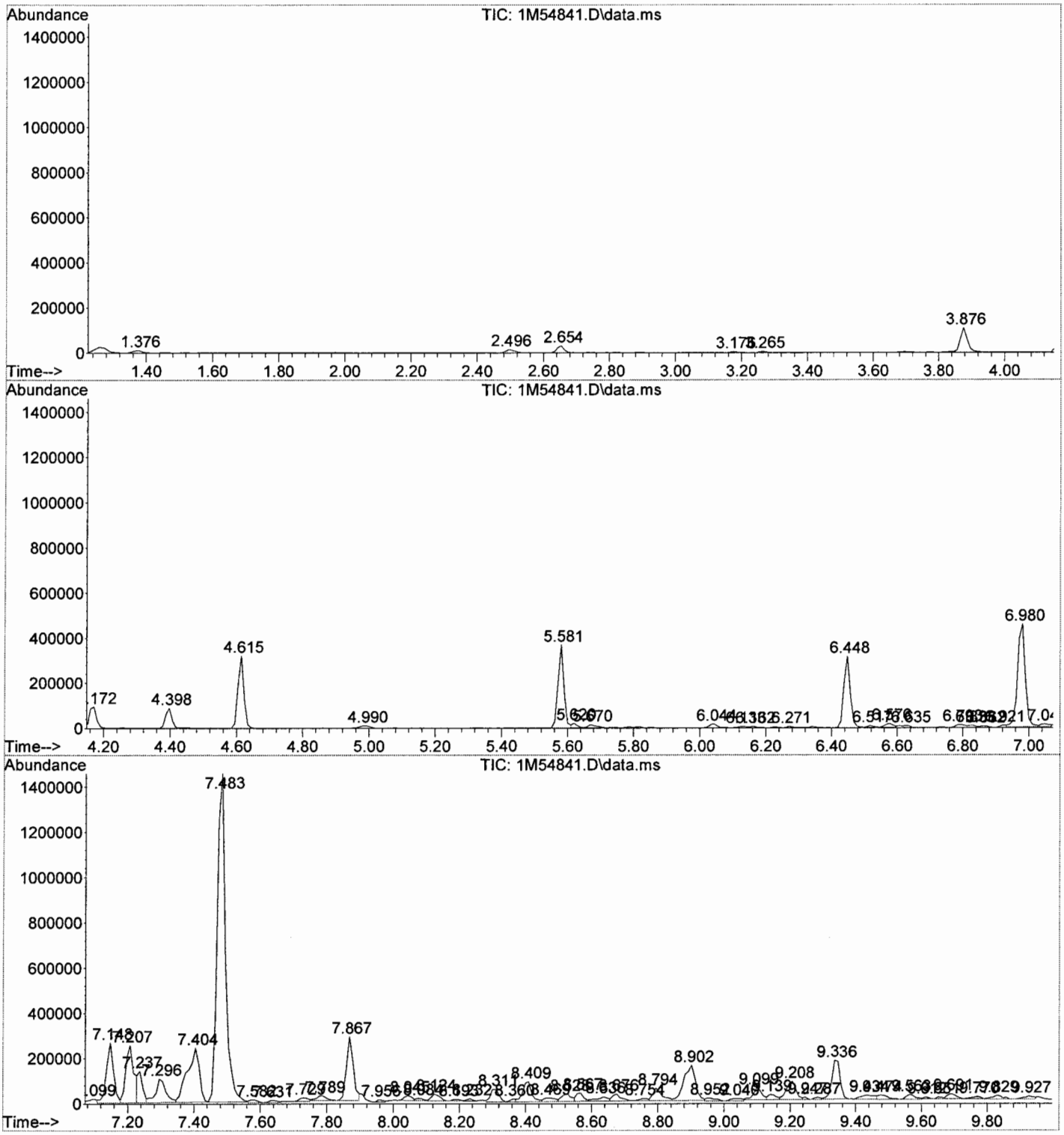
Sum of corrected areas: 9801807

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

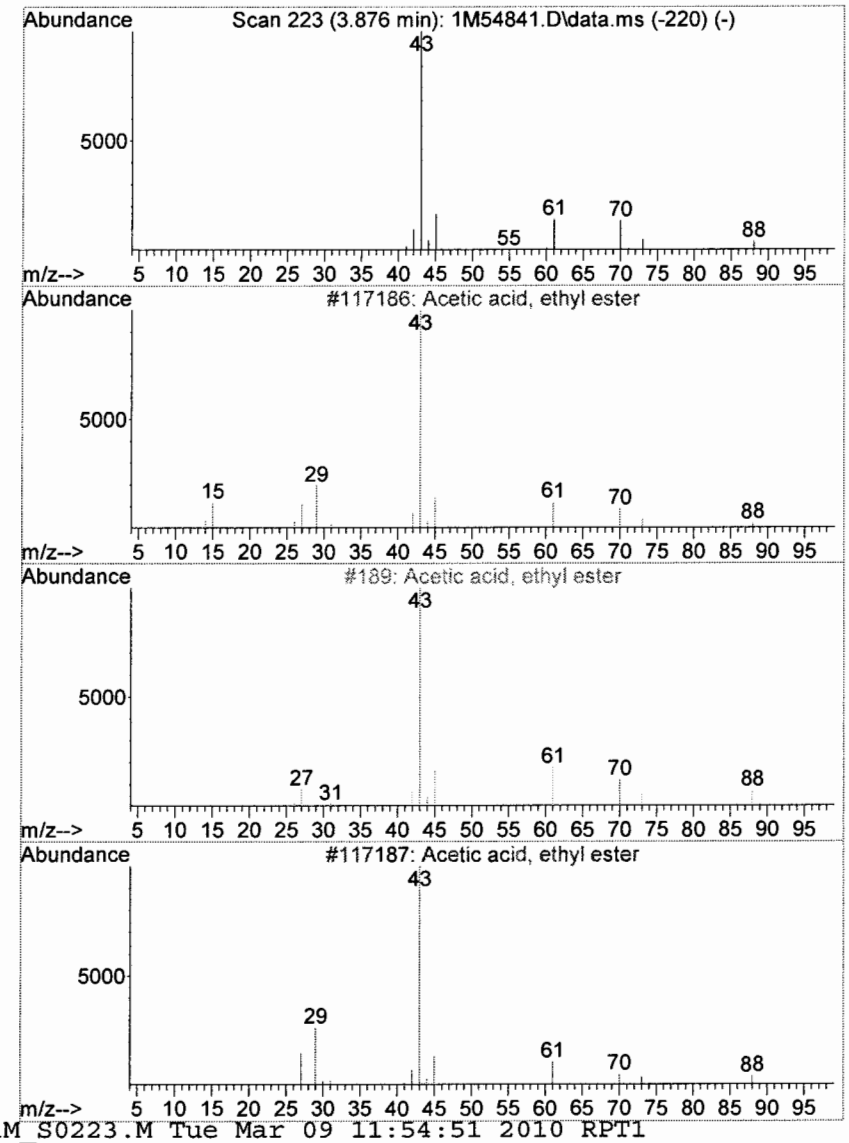
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

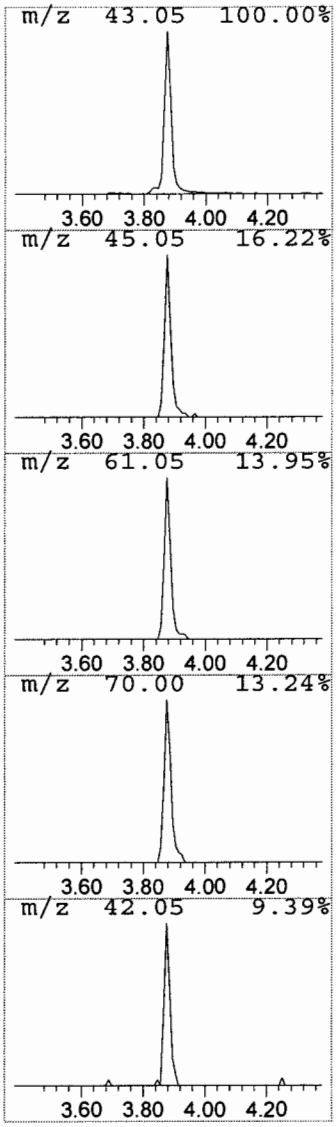
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Acetic acid, ethyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	11.68 ug/l	158020	LibIS-Fluorobenzene	4.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	90
2	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	42
3	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	86
4	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	86
5	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	9





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

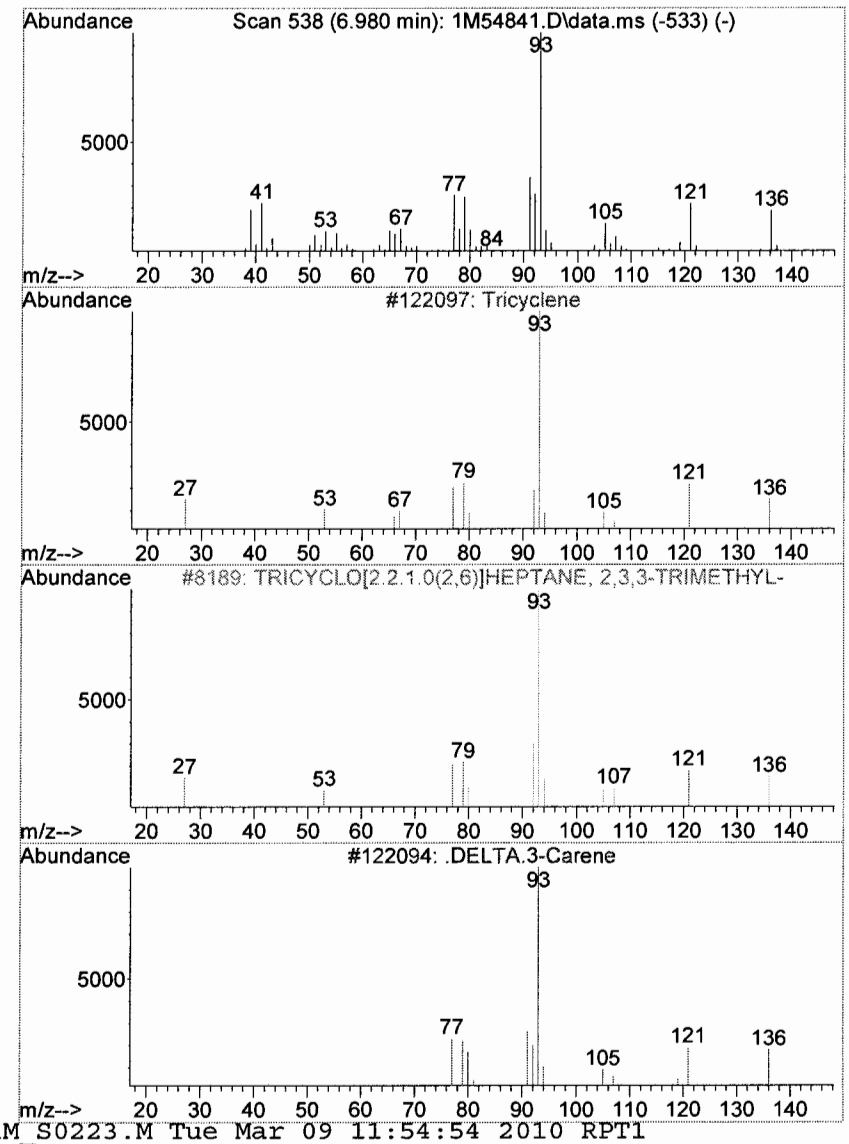
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

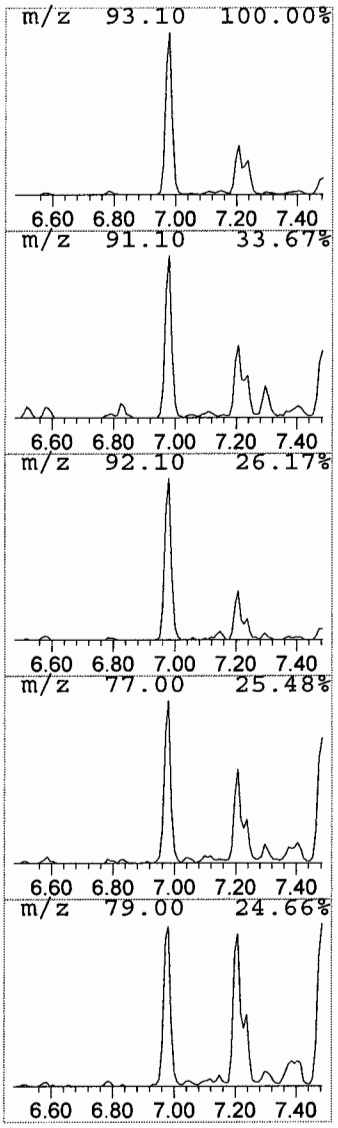
****

Peak Number 2 Tricyclene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	51.88 ug/l	741273	LibIS-Chlorobenzene-d5	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclene	136	C10H16	000508-32-7	94
2	TRICYCLO[2.2.1.0(2,6)]HEPTANE, 2...	136	C10H16	000000-00-0	90
3	.DELTA.3-Carene	136	C10H16	013466-78-9	94
4	.DELTA.3-Carene	136	C10H16	013466-78-9	94
5	.DELTA.3-Carene	136	C10H16	013466-78-9	94





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

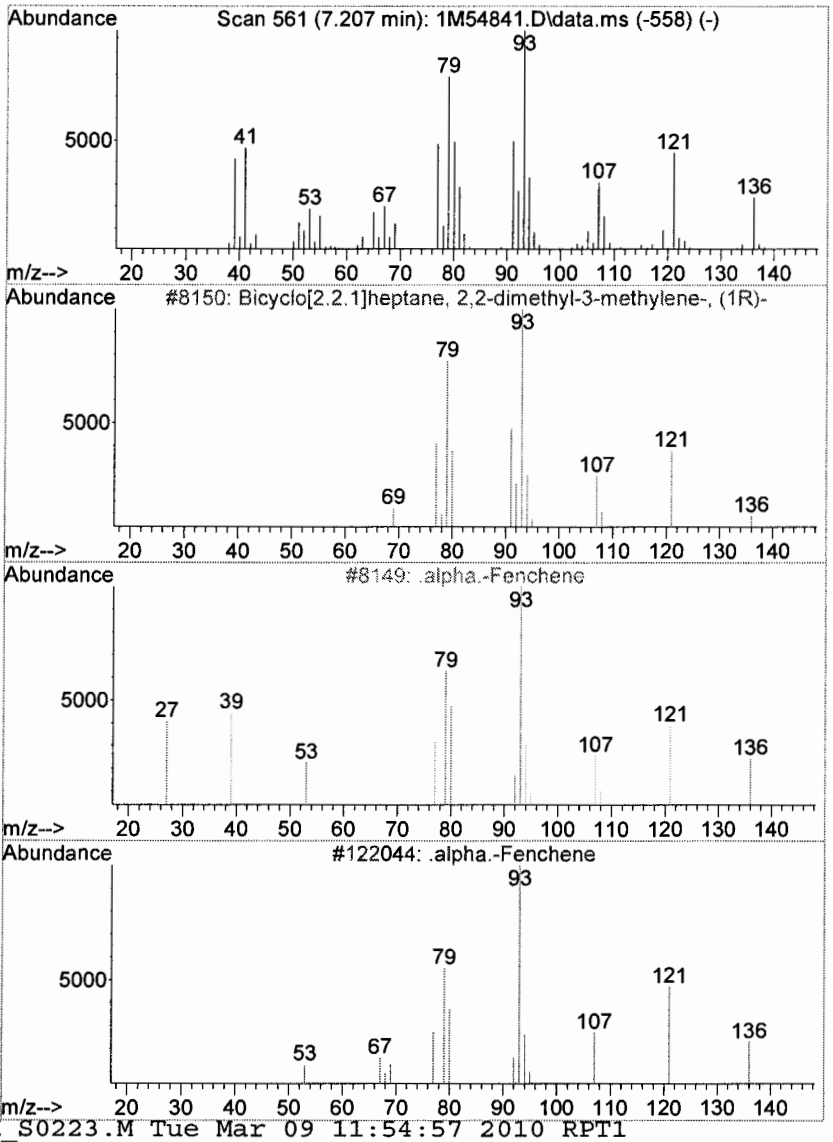
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

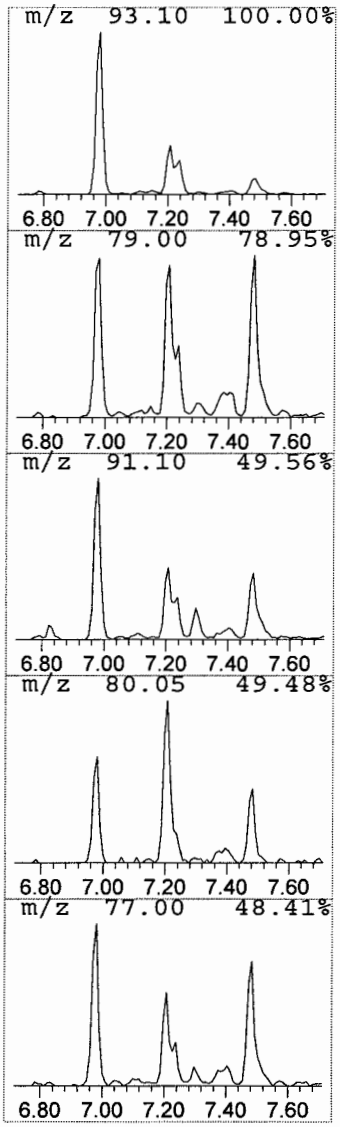
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	28.29 ug/l	443289	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-03-6	90
2	.alpha.-Fenchene	136	C10H16	000471-84-1	94
3	.alpha.-Fenchene	136	C10H16	000471-84-1	83
4	cis-3-Methylene-cyclononene	136	C10H16	066135-92-0	52
5	.BETA.-OCIMENE-X	136	C10H16	013877-91-3	72





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

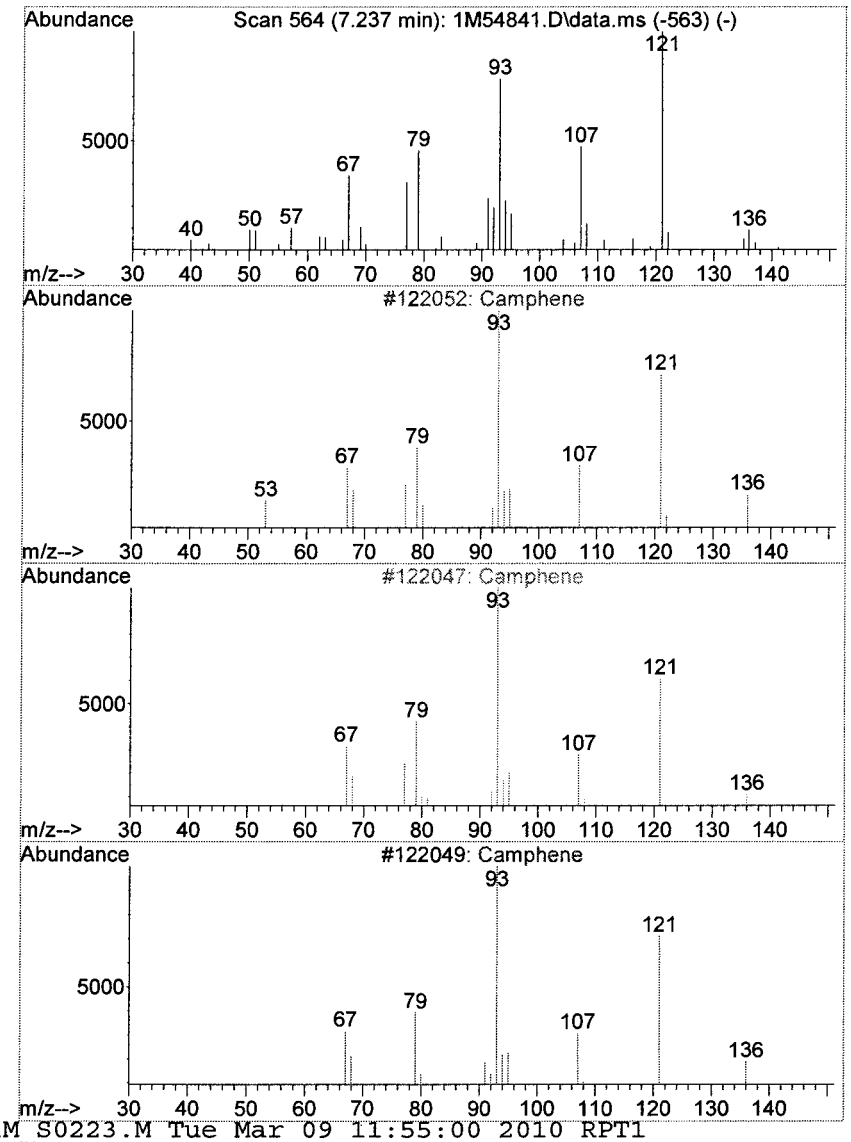
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

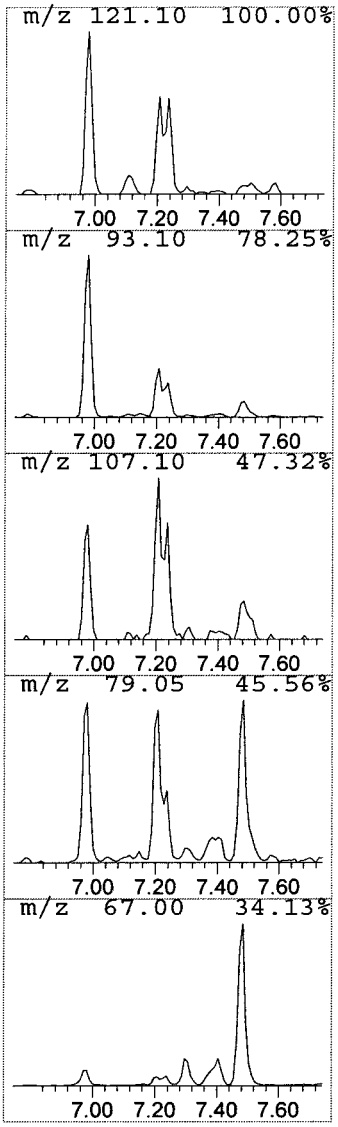
****

Peak Number 4 Camphene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	8.10 ug/l	126920	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	47
2	Camphene	136	C10H16	000079-92-5	49
3	Camphene	136	C10H16	000079-92-5	37
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	47
5	1,4,6-HEPTATRIENE, 3,3,6-TRIMETHYL-	136	C10H16	000000-00-0	47





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

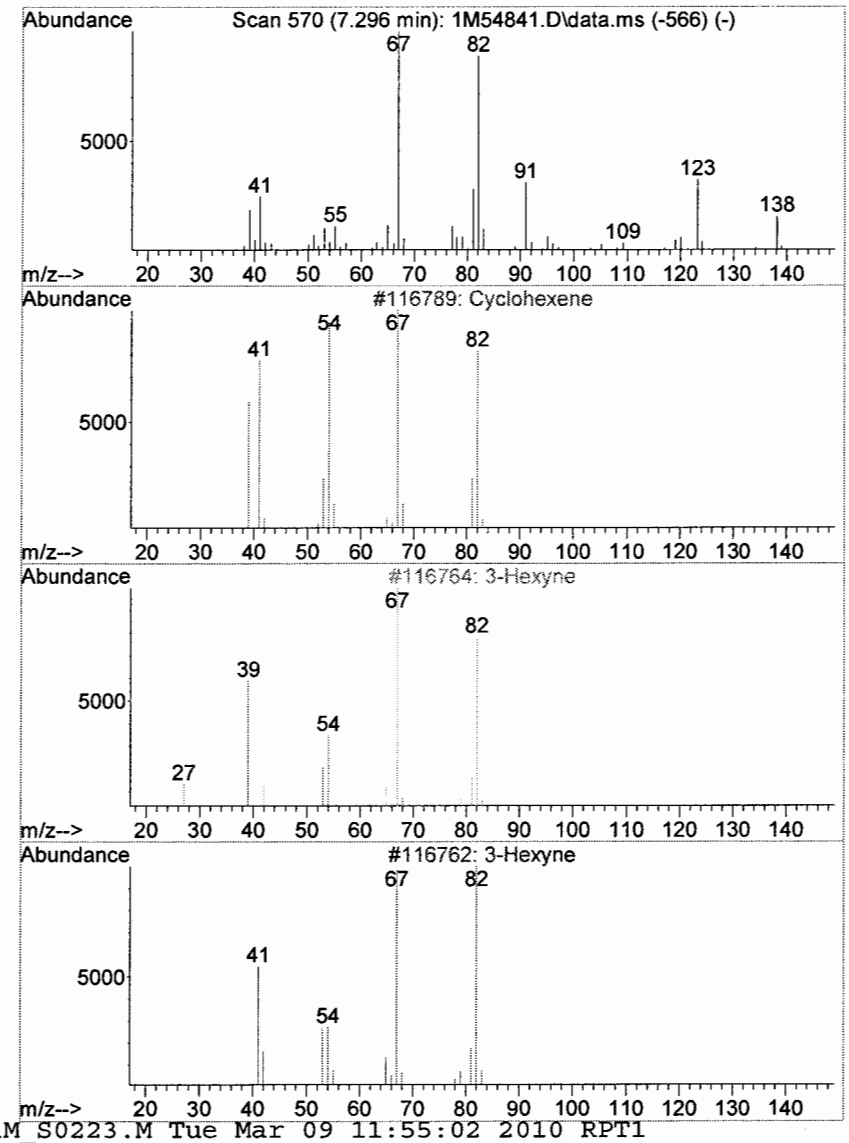
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

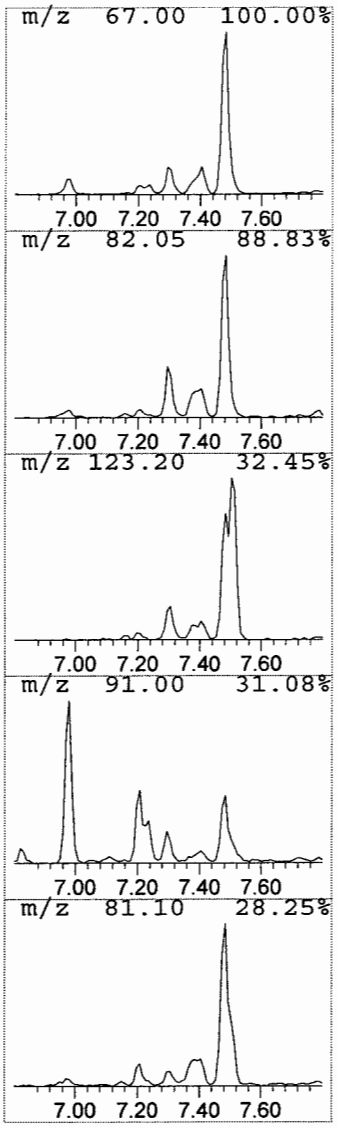
****

Peak Number 5 3-Hexyne Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	14.19 ug/l	222444	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	42
2	3-Hexyne	82	C6H10	000928-49-4	58
3	3-Hexyne	82	C6H10	000928-49-4	58
4	1,3-Isobenzofurandione, hexahydro-	154	C8H10O3	000085-42-7	42
5	3,4-Nonadiene	124	C9H16	037050-03-6	42





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

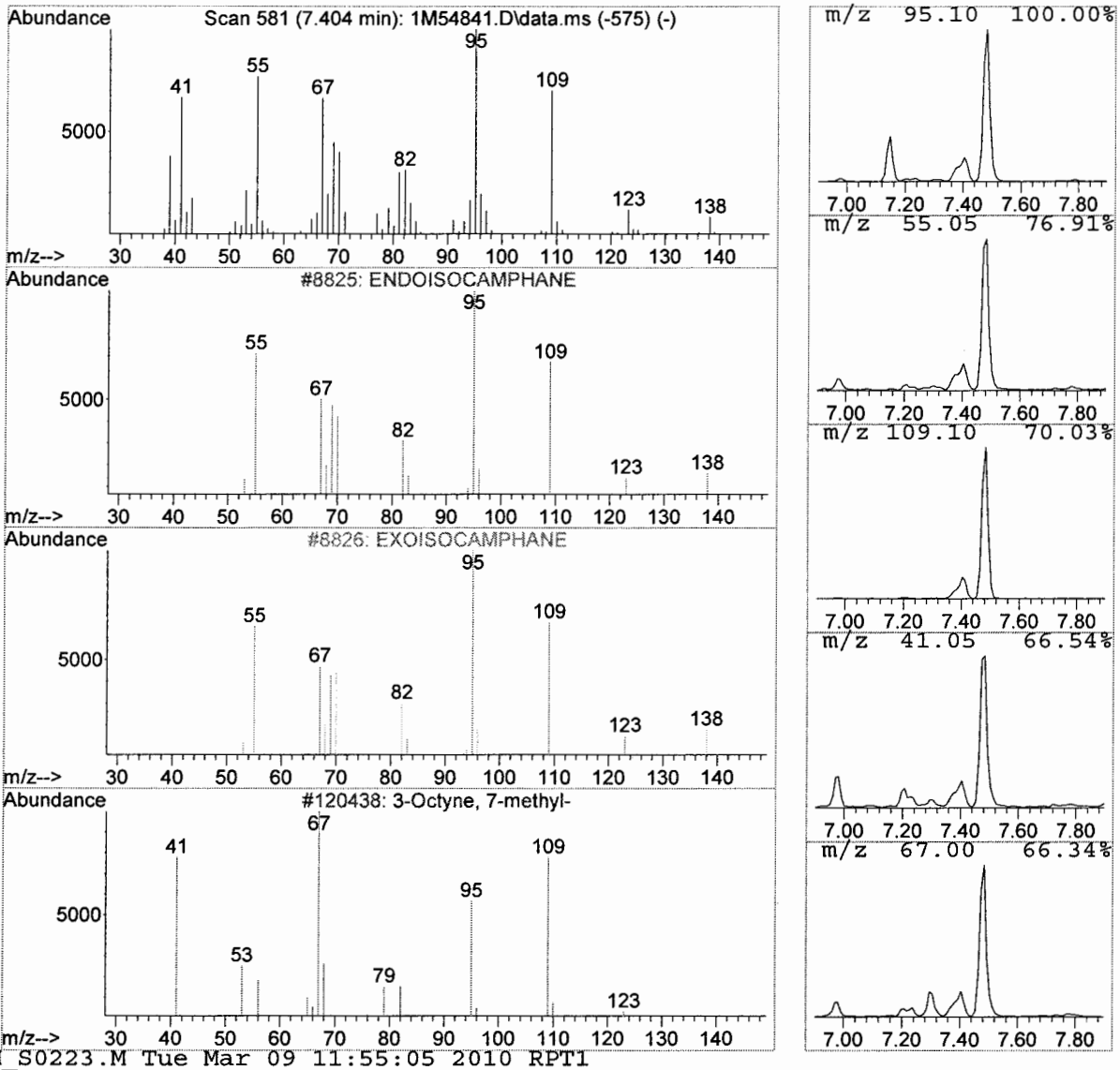
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 6 ENDOISOCAMPHANE Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	38.59 ug/l	604788	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ENDOISOCAMPHANE	138	C10H18	020536-40-7	91
2	EXOISOCAMPHANE	138	C10H18	020536-41-8	80
3	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	35
4	Cyclopropane, (2,2-dimethylpropy...	110	C8H14	039647-71-7	47
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	14



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

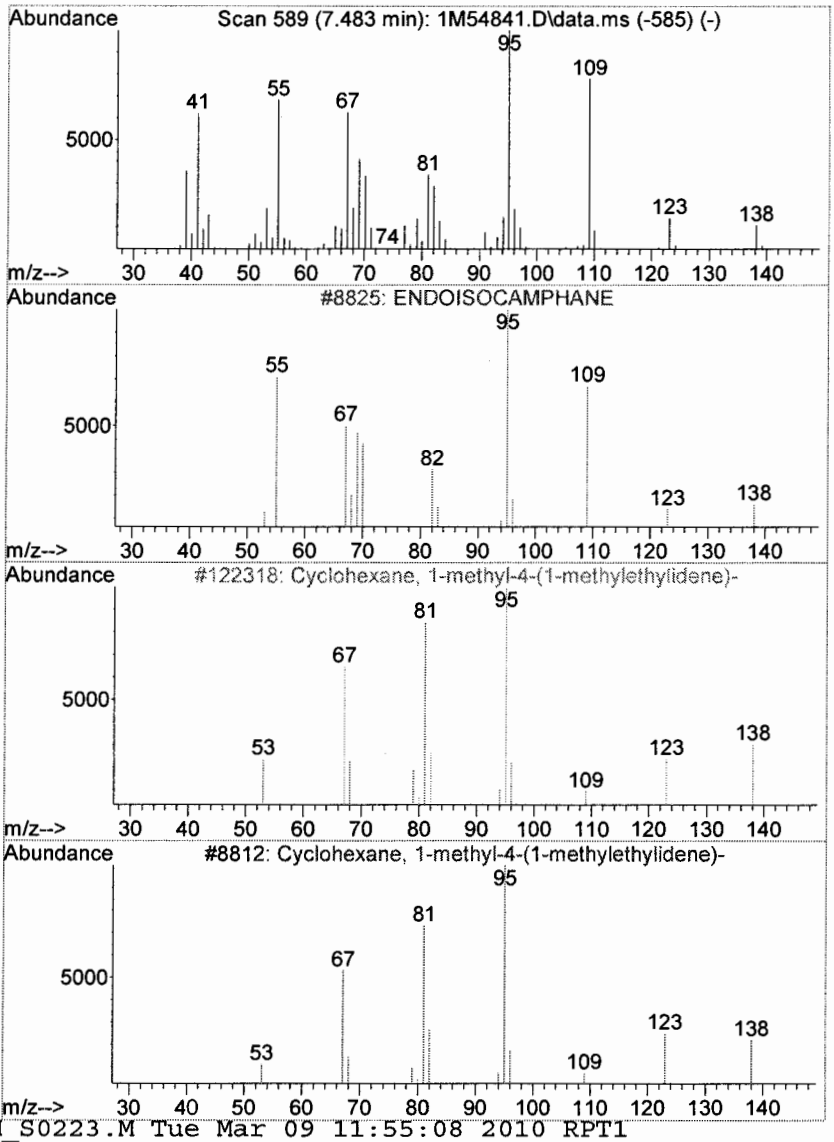
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

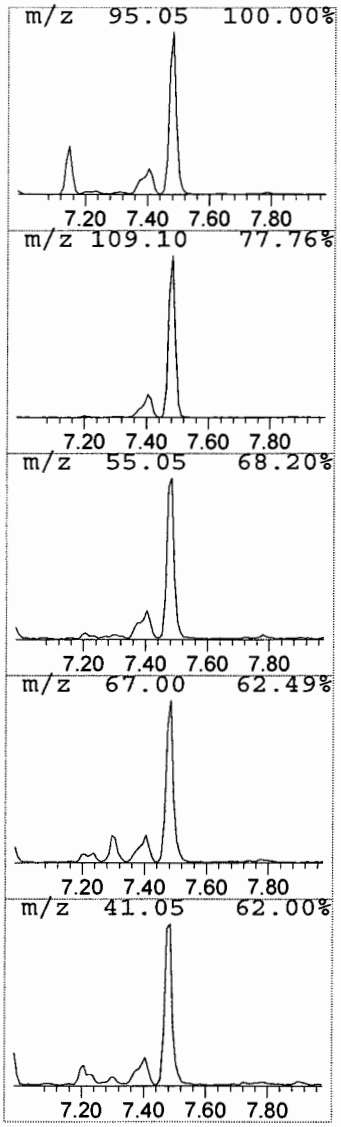
****

Peak Number 7 ENDOISOCAMPHANE Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	159.32 ug/l	2496634	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ENDOISOCAMPHANE	138	C10H18	020536-40-7	95
2	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	11
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	22
4	Cyclopentane, pentylidene-	138	C10H18	053366-55-5	27
5	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	14





Library Search Compound Report

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Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

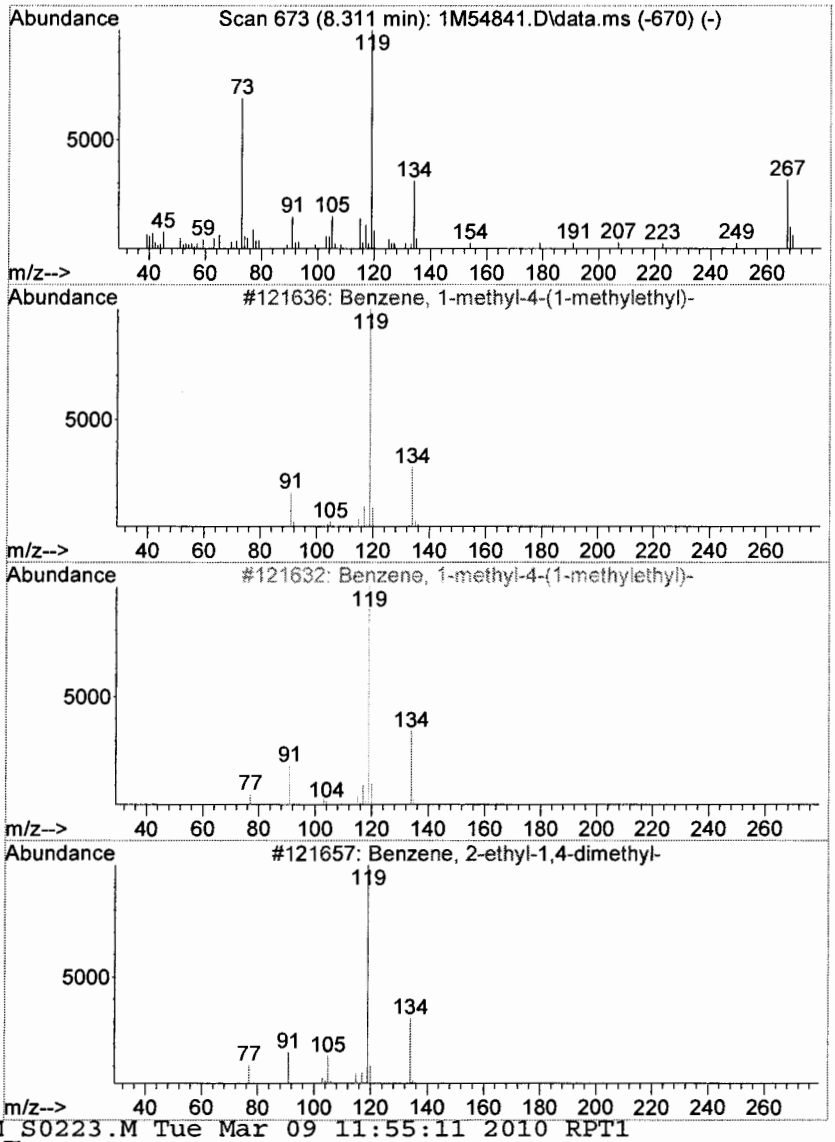
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

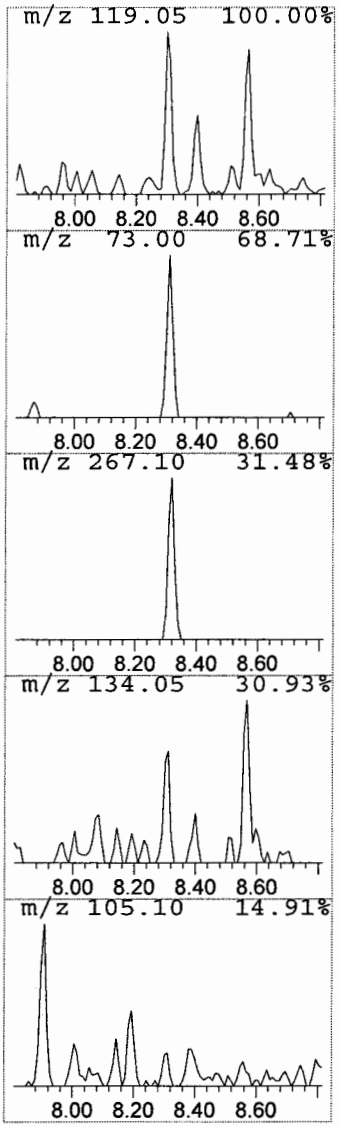
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	6.37 ug/l	99893	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	58
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

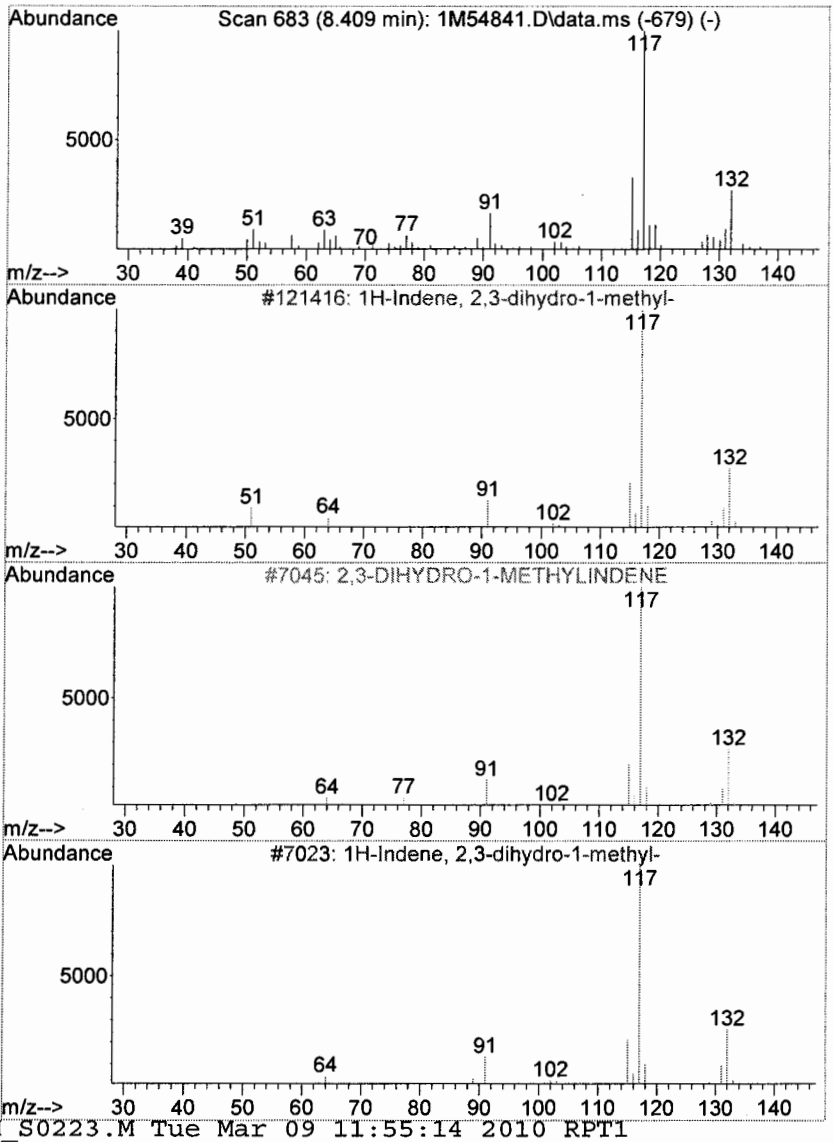
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

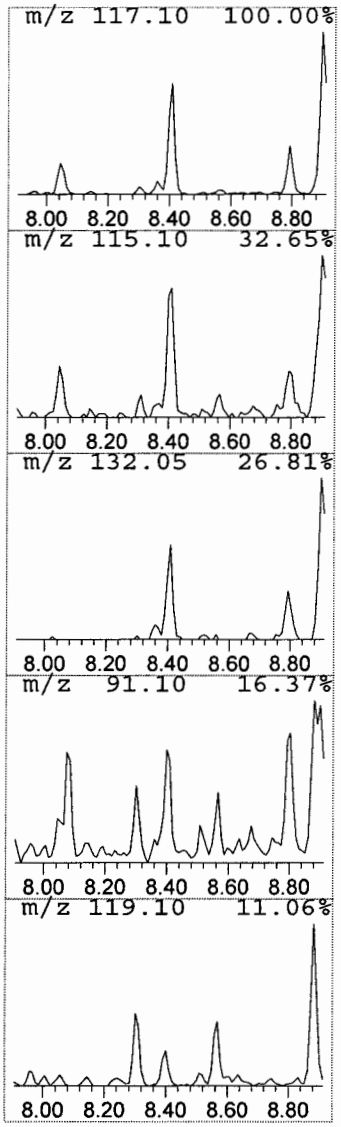
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	10.53 ug/l	165052	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	81
2	2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	90
3	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	87
4	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	81
5	1R-METHYL-2T-PHENYLCYCLOPROPANE	132	C10H12	005070-01-9	46





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

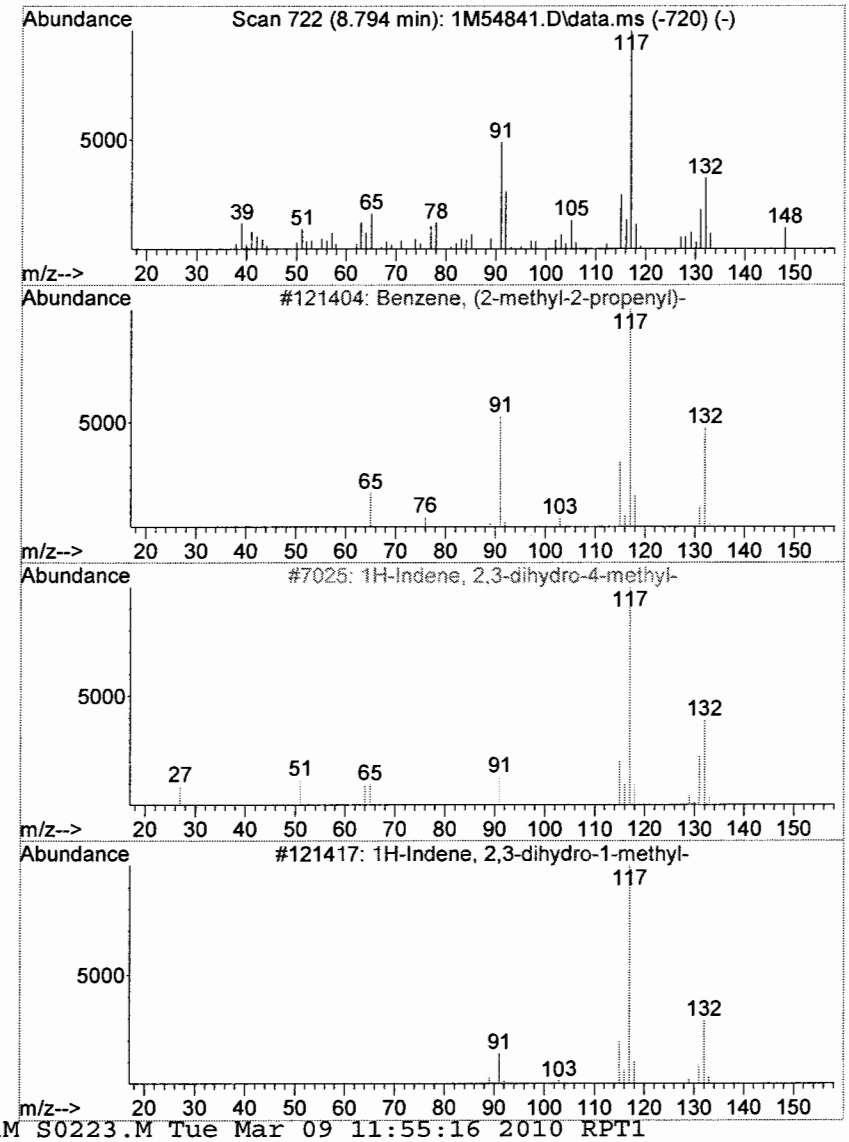
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

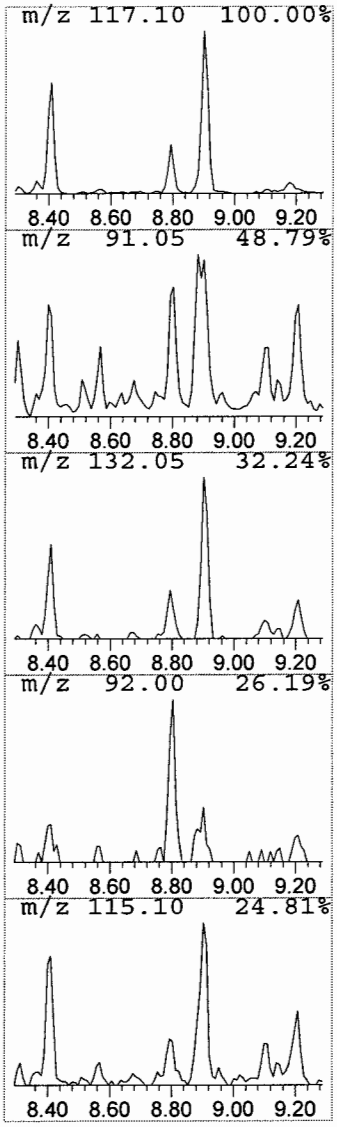
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	6.61 ug/l	103560	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
3	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	72
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	49
5	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	81





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

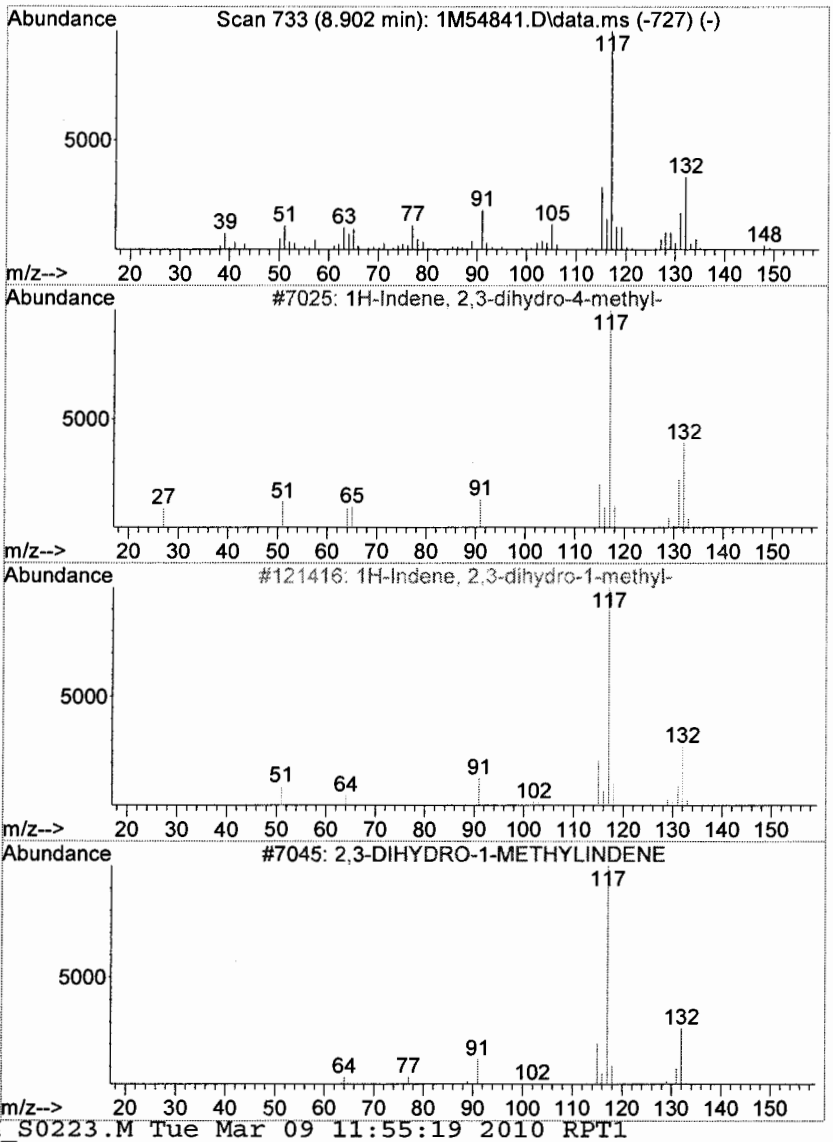
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

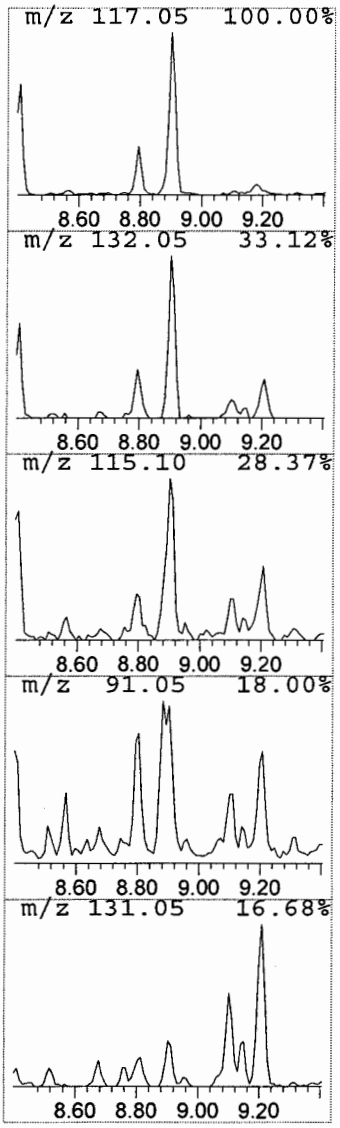
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.92 ug/l	374777	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
2	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	68
3	2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	68
4	1R-METHYL-2T-PHENYLCYCLOPROPANE	132	C10H12	005070-01-9	43
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

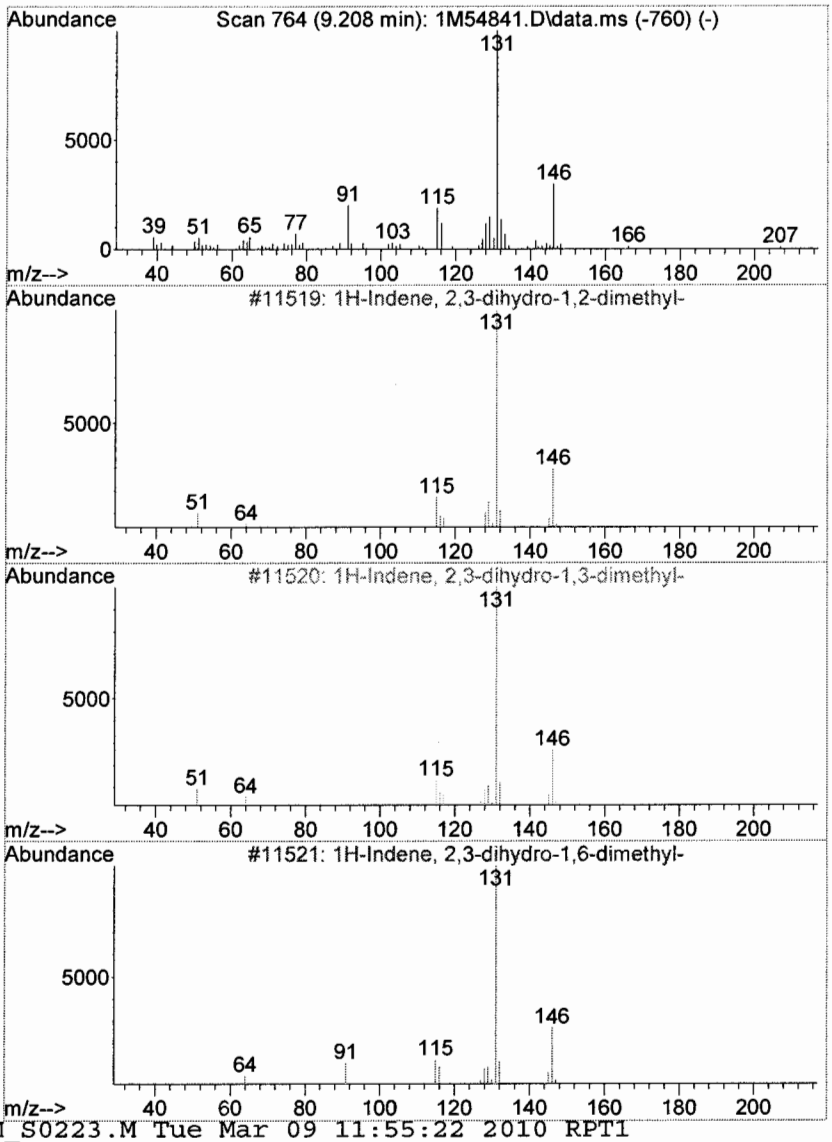
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

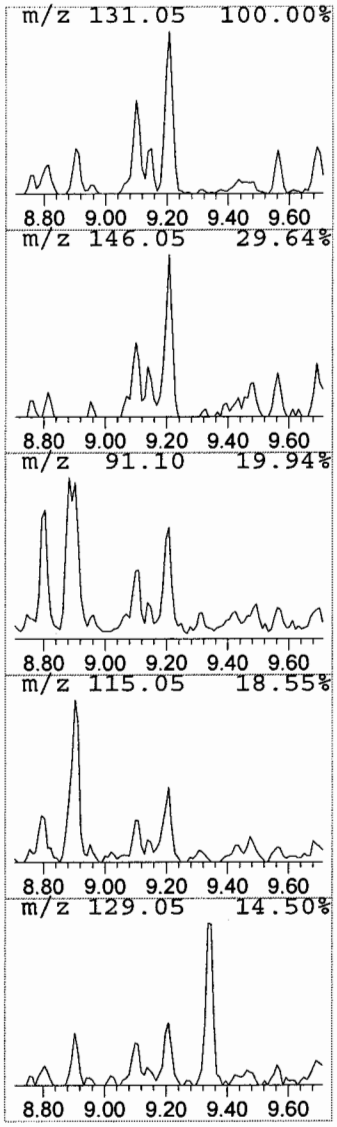
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	10.46 ug/l	163975	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

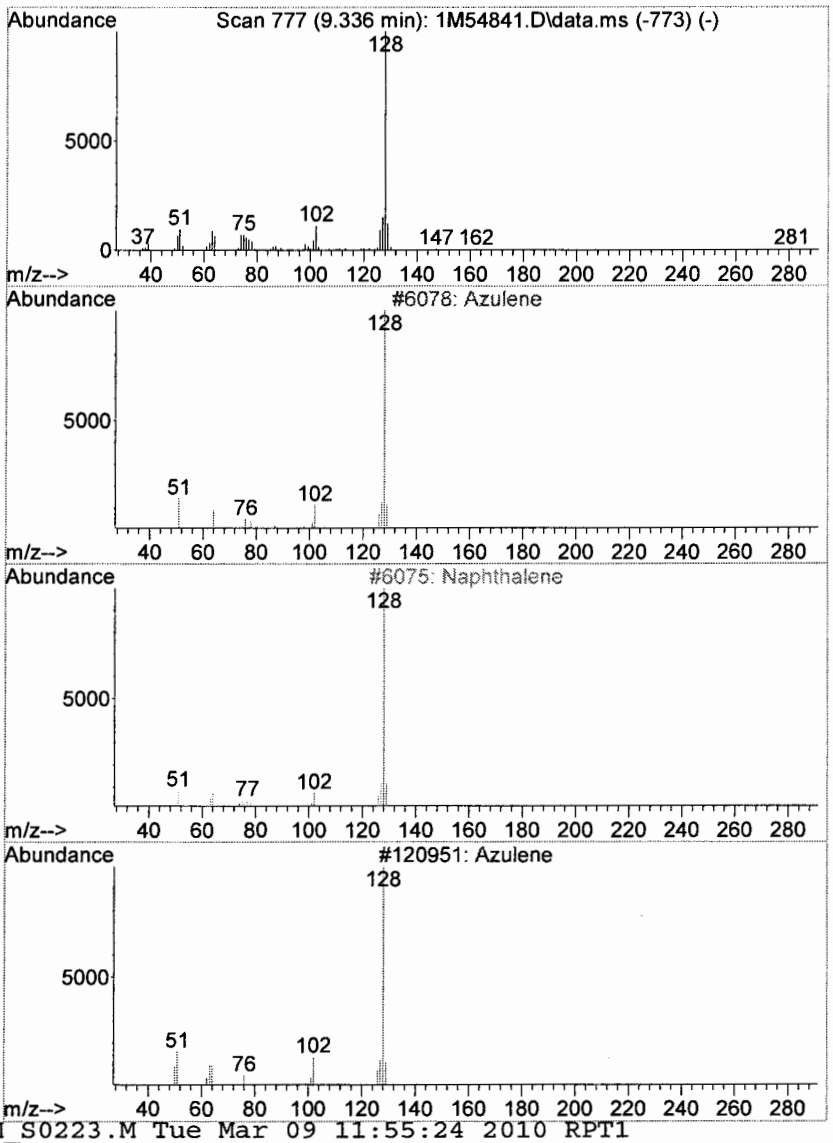
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

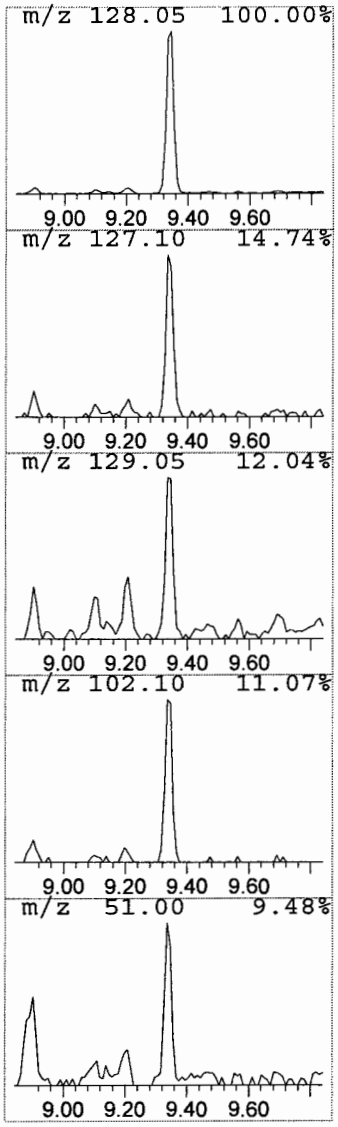
****

Peak Number 13 Naphthalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	19.17 ug/l	300403	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	83
2	Naphthalene	128	C10H8	000091-20-3	91
3	Azulene	128	C10H8	000275-51-4	83
4	Naphthalene	128	C10H8	000091-20-3	90
5	Naphthalene	128	C10H8	000091-20-3	86





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54841.D
Acq On : 8 Mar 2010 13:49
Operator : WP
Sample : AC50108-002
Misc : S,5G!5
ALS Vial : 51 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
Acetic acid, ethy...	3.88	11.7	ug/l	158020	1	4.62	4.62	405818	30.0
Tricyclene	6.98	51.9	ug/l	741273	2	6.45	6.45	428658	30.0
Bicyclo[2.2.1]hep...	7.21	28.3	ug/l	443289	3	7.87	7.87	470122	30.0
Camphene	7.24	8.1	ug/l	126920	3	7.87	7.87	470122	30.0
3-Hexyne	7.30	14.2	ug/l	222444	3	7.87	7.87	470122	30.0
ENDOISOCAMPHANE	7.40	38.6	ug/l	604788	3	7.87	7.87	470122	30.0
ENDOISOCAMPHANE	7.48	159.3	ug/l	2496634	3	7.87	7.87	470122	30.0
Benzene, 1-methyl...	8.31	6.4	ug/l	99893	3	7.87	7.87	470122	30.0
1H-Indene, 2,3-di...	8.41	10.5	ug/l	165052	3	7.87	7.87	470122	30.0
1H-Indene, 2,3-di...	8.79	6.6	ug/l	103560	3	7.87	7.87	470122	30.0
1H-Indene, 2,3-di...	8.90	23.9	ug/l	374777	3	7.87	7.87	470122	30.0
1H-Indene, 2,3-di...	9.21	10.5	ug/l	163975	3	7.87	7.87	470122	30.0
Naphthalene	9.34	19.2	ug/l	300403	3	7.87	7.87	470122	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-003(5X)
Client Id: PI-01-TP-RAP2030210S01
Data File: 1M54843.D
Analysis Date: 03/08/10 14:21
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 1g
Final Vol: NA
Dilution: 5.00
Solids: 62

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.040	U	56-23-5	Carbon Tetrachloride	0.040	U
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	108-90-7	Chlorobenzene	0.040	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.040	U	75-00-3	Chloroethane	0.040	U
79-00-5	1,1,2-Trichloroethane	0.040	U	67-66-3	Chloroform	0.040	U
75-34-3	1,1-Dichloroethane	0.040	U	74-87-3	Chloromethane	0.040	U
75-35-4	1,1-Dichloroethene	0.040	U	156-59-2	cis-1,2-Dichloroethene	0.040	U
96-18-4	1,2,3-Trichloropropane	0.040	U	10061-01-5	cis-1,3-Dichloropropene	0.040	U
95-63-6	1,2,4-Trimethylbenzene	0.0081	U	124-48-1	Dibromochloromethane	0.040	U
95-50-1	1,2-Dichlorobenzene	0.040	U	75-71-8	Dichlorodifluoromethane	0.040	U
107-06-2	1,2-Dichloroethane	0.040	U	100-41-4	Ethylbenzene	0.0081	U
78-87-5	1,2-Dichloropropane	0.040	U	98-82-8	Isopropylbenzene	0.0081	U
108-67-8	1,3,5-Trimethylbenzene	0.0081	U	136777612	m&p-Xylenes	0.0081	U
541-73-1	1,3-Dichlorobenzene	0.040	U	75-09-2	Methylene Chloride	0.040	U
142-28-9	1,3-Dichloropropane	0.040	U	1634-04-4	Methyl-t-butyl ether	0.0081	U
106-46-7	1,4-Dichlorobenzene	0.040	U	**104-51-8**	**n-Butylbenzene**	**0.0081**	**0.020**
123-91-1	1,4-Dioxane	2.0	U	103-65-1	n-Propylbenzene	0.0081	U
78-93-3	2-Butanone	0.040	U	95-47-6	o-Xylene	0.0081	U
110-75-8	2-Chloroethylvinylether	0.040	U	**135-98-8**	**sec-Butylbenzene**	**0.0081**	**0.047**
591-78-6	2-Hexanone	0.040	U	100-42-5	Styrene	0.040	U
99-87-6	4-Isopropyltoluene	0.0081	U	75-65-0	t-Butyl Alcohol	0.20	U
108-10-1	4-Methyl-2-Pentanone	0.040	U	**98-06-6**	**t-Butylbenzene**	**0.0081**	**0.011**
67-64-1	**Acetone**	**0.20**	**0.27**	127-18-4	Tetrachloroethene	0.040	U
107-02-8	Acrolein	0.20	U	108-88-3	Toluene	0.0081	U
107-13-1	Acrylonitrile	0.040	U	156-60-5	trans-1,2-Dichloroethene	0.040	U
71-43-2	Benzene	0.0081	U	10061-02-6	trans-1,3-Dichloropropene	0.040	U
75-27-4	Bromodichloromethane	0.040	U	79-01-6	Trichloroethene	0.040	U
75-25-2	Bromoform	0.040	U	75-69-4	Trichlorofluoromethane	0.040	U
74-83-9	Bromomethane	0.040	U	75-01-4	Vinyl Chloride	0.040	U
75-15-0	**Carbon Disulfide**	**0.040**	**0.093**	1330-20-7	Xylenes (Total)	0.0081	U

Worksheet #: 144620

Total Target Concentration 0.44

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-003(5X)
Client Id: PI-01-TP-RAP2030210
Data File: 1M54843.D
Analysis Date: 03/08/10 14:21
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 1g
Final Vol: NA
Dilution: 5.00
Solids: 62
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	31502-14-4	2-Nonen-1-ol, (E)-	6.95	0.96 J
2		unknown	7.33	0.83 J
3		unknown	7.39	0.83 J
4	4442-79-9	Cyclohexaneethanol	7.77	1.2 J
5	81983-71-3	1,1-DIMETHYL-2-PROPYLCYCLOHEX	7.98	0.91 J
6	91-17-8	Naphthalene, decahydro-	8.12	1.9 J
7		unknown	8.30	0.81 J
8	2958-76-1	2-METHYLDECALIN (PROBABLY TRA	8.53	1.5 J
9	17301-23-4	Undecane, 2,6-dimethyl-	8.89	1.4 J
10	54725-16-5	2H-Inden-2-one, 1,4,5,6,7,7a-hexahydro	9.04	0.80 J

Worksheet #: 144620

Total Tentatively Identified Concentration 11

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

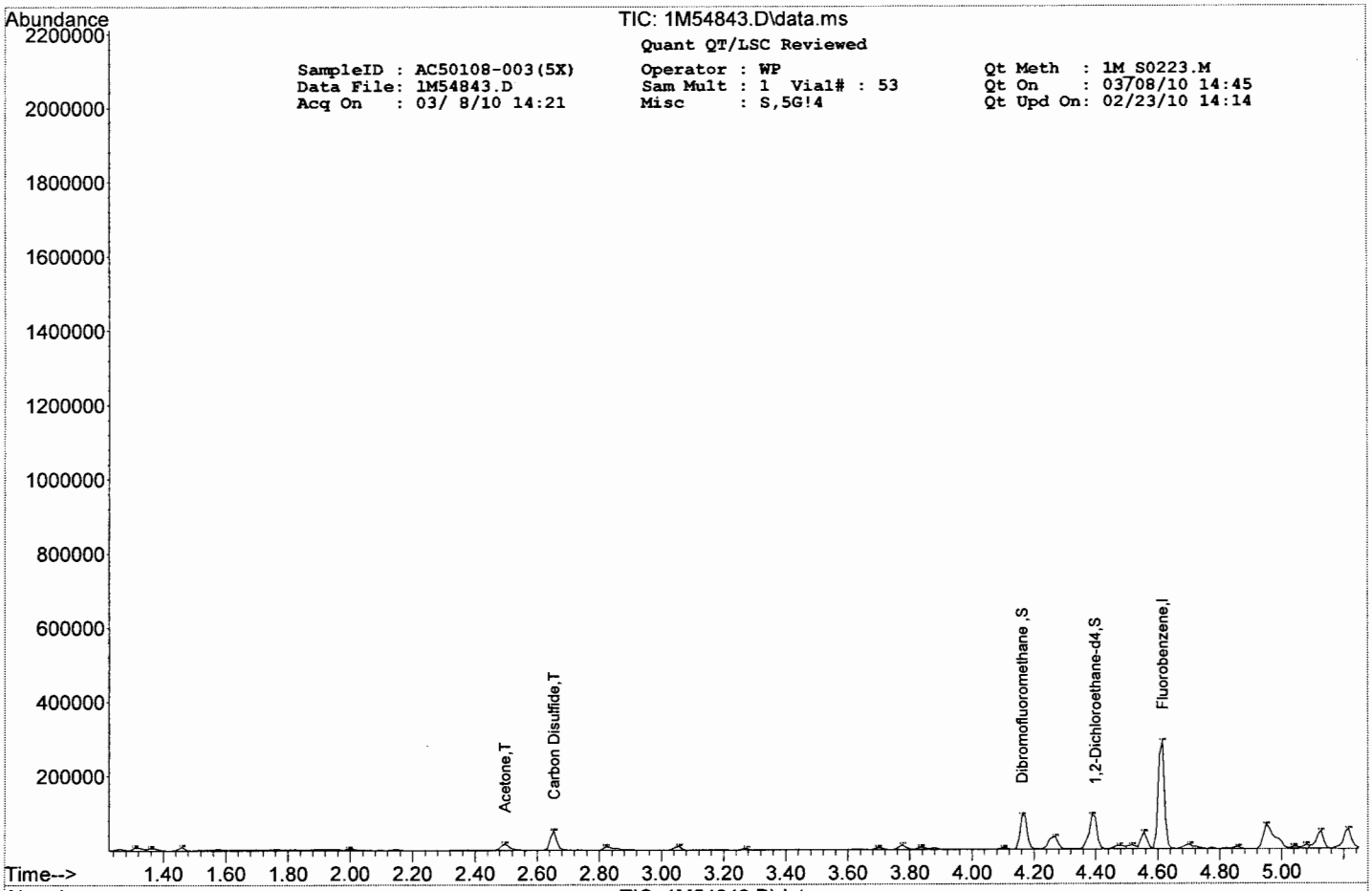
Quantitation Report (QT/LSC Reviewed)

SampleID : AC50108-003(5X) Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54843.D Sam Mult : 1 Vial# : 53 Qt On : 03/08/10 14:45
Acq On : 03/ 8/10 14:21 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	151122	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	108008	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	49803	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.161	111	42195	31.00	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.33%		
35) 1,2-Dichloroethane-d4	4.398	102	7756	31.44	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.80%		
59) Toluene-d8	5.581	100	101840	31.41	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.70%		
67) Bromofluorobenzene	7.148	174	42417	28.72	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.73%		
Target Compounds						Qvalue
17) Acetone	2.496	43	20648	33.29	ug/l	94
18) Carbon Disulfide	2.653	76	54753	11.48	ug/l	100
84) t-Butylbenzene	7.601	119	7029m	1.33	ug/l	
86) sec-Butylbenzene	7.739	105	40428	5.84	ug/l	64
88) n-Butylbenzene	8.074	91	17644	2.47	ug/l	84
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.615		398351	30.00	ug/l	--
2) Chlorobenzene-d5	6.448		574043	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.867		346115m	30.00	ug/l	--
Library Search Compounds						
1) 31502-14-4	6.950		2279956	119.15	ug/l	49
2) UNKNOWN	7.210		1111439	96.34	ug/l	--
3) 63830-69-3	7.270		1035670	89.77	ug/l	49
4) UNKNOWN	7.330		1190255	103.17	ug/l	--
5) UNKNOWN	7.390		1181022	102.37	ug/l	--
6) 4442-79-9	7.770		1728342	149.81	ug/l	53
7) 81983-71-3	7.980		1295506	112.29	ug/l	58
8) 91-17-8	8.120		2758051	239.06	ug/l	87
9) UNKNOWN	8.300		1160566	100.59	ug/l	--
10) 2958-76-1	8.530		2092671	181.38	ug/l	49
11) 2958-76-1	8.670		1140166	98.83	ug/l	70
12) 17301-23-4	8.890		1931745	167.44	ug/l	93
13) 54725-16-5	9.040		1140297	98.84	ug/l	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed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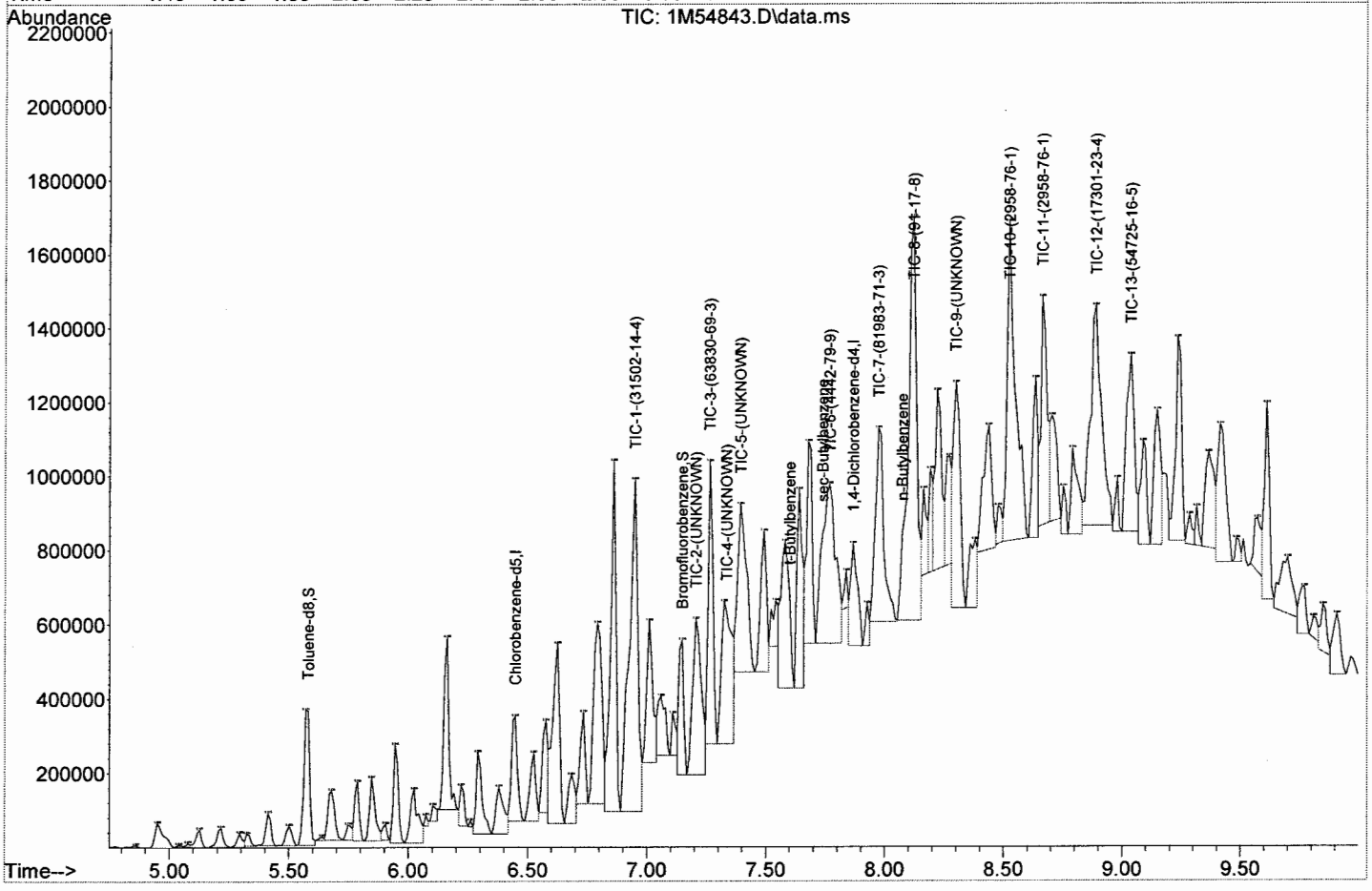
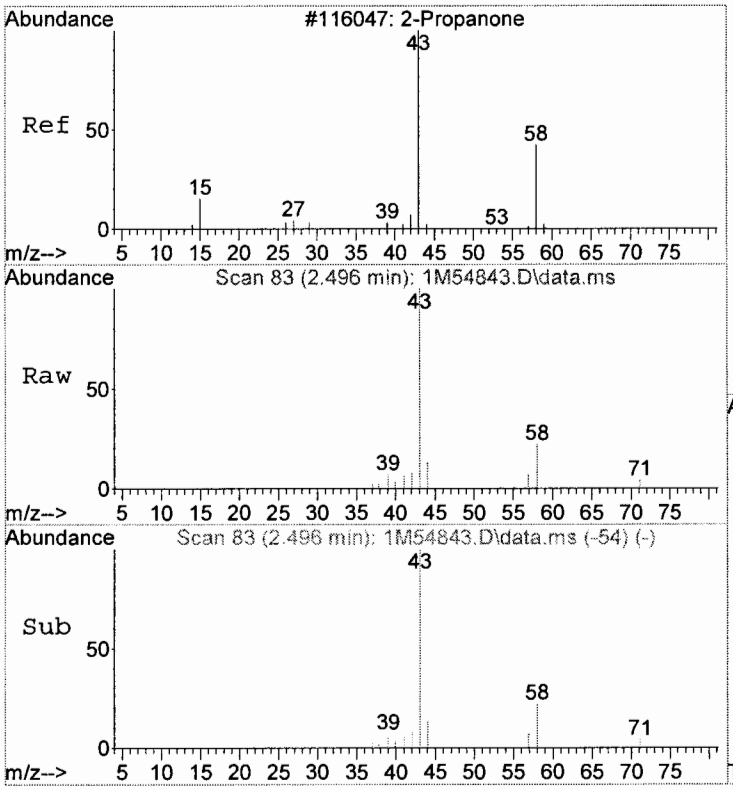
TIC: 1M54843.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-003(5X)
Data File: 1M54843.D
Acq On : 03/ 8/10 14:21
Operator : WP
Sam Mult : 1 Vial# : 53
Misc : S,5G!4
Qt Meth : 1M_S0223.M
Qt On : 03708/10 14:45
Qt Upd On: 02/23/10 14:14
Acetone,T
Carbon Disulfide,T
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Time-->

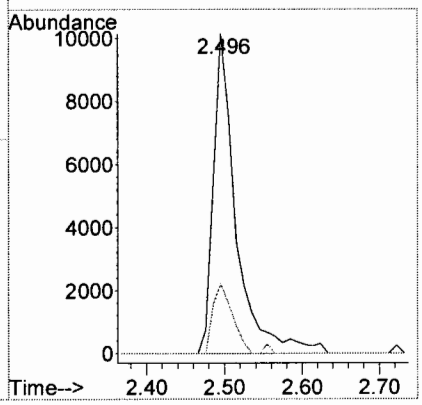

Abundance
TIC: 1M54843.D\data.ms
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
TIC-1-(31502-14-4)
TIC-2-(UNKNOWN)
TIC-3-(63830-69-3)
TIC-4-(UNKNOWN)
TIC-5-(UNKNOWN)
Ethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
TIC-7-(81983-71-3)
n-Butylbenzene
TIC-8-(84-17-8)
TIC-9-(UNKNOWN)
TIC-10-(2958-76-1)
TIC-11-(2958-76-1)
TIC-12-(17301-23-4)
TIC-13-(54725-16-5)
Time-->

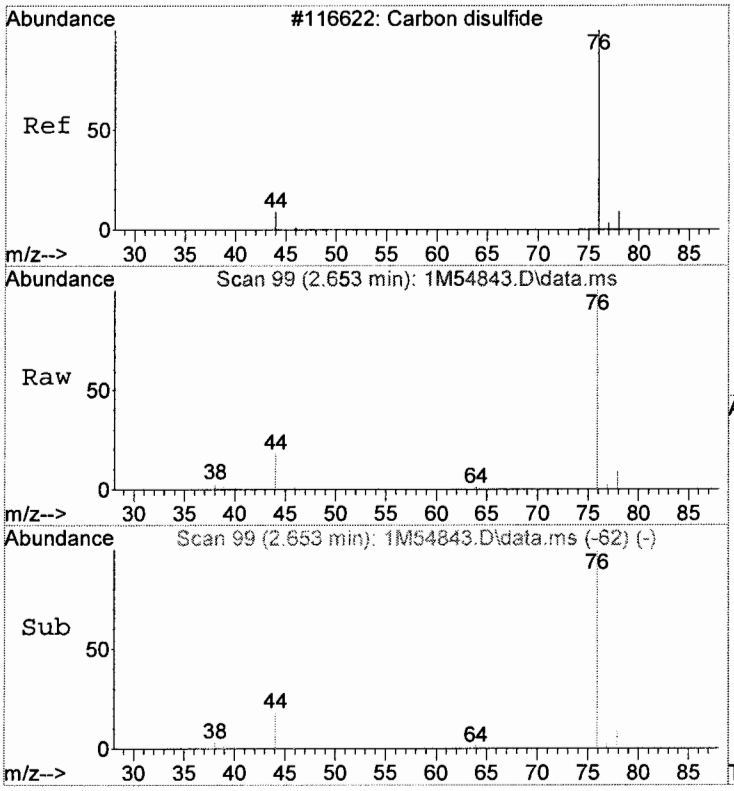


#17
Acetone
Concen: 33.29 ug/l
RT: 2.496 min Scan# 83
Delta R.T. -0.009 min
Lab File: 1M54843.D
Acq: 8 Mar 2010 14:21

Tgt Ion: 43 Resp: 20648

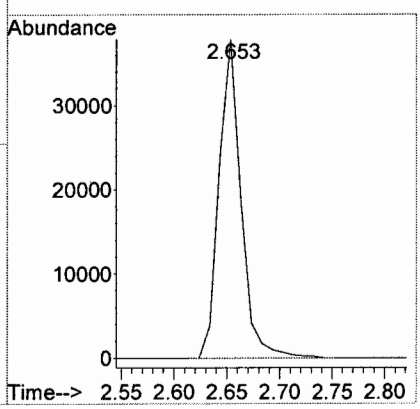
Ion	Ratio	Lower	Upper
43	100		
58	21.9	0.0	64.8

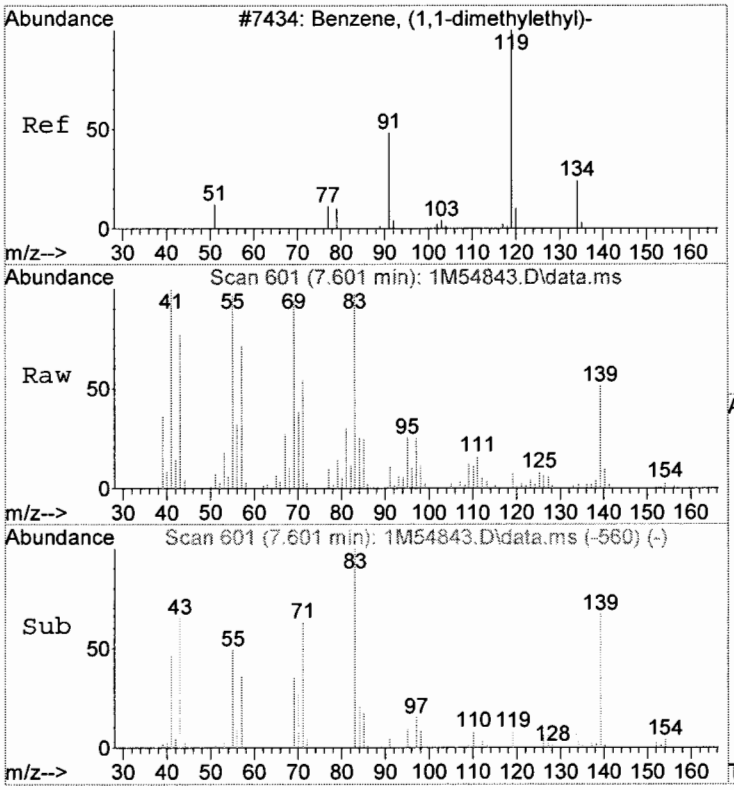




#18
Carbon Disulfide
Concen: 11.48 ug/l
RT: 2.653 min Scan# 99
Delta R.T. 0.000 min
Lab File: 1M54843.D
Acq: 8 Mar 2010 14:21

Tgt Ion: 76 Resp: 54753

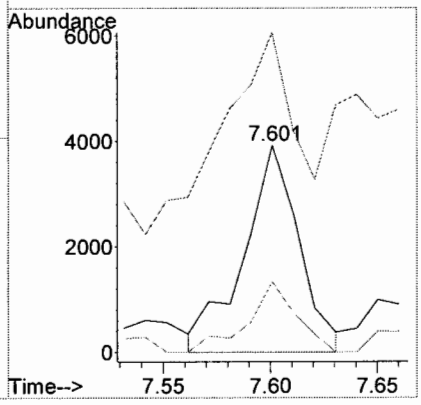


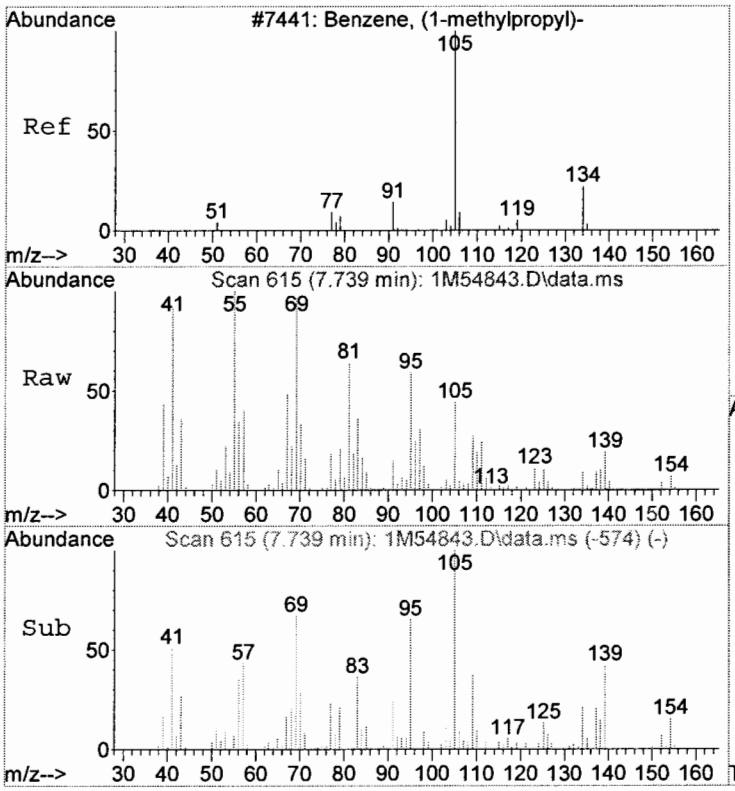


#84
t-Butylbenzene
Concen: 1.33 ug/l m
RT: 7.601 min Scan# 601
Delta R.T. 0.000 min
Lab File: 1M54843.D
Acq: 8 Mar 2010 14:21

Tgt Ion:119 Resp: 7029

Ion	Ratio	Lower	Upper
119	100		
91	138.2	35.3	115.3#
134	53.0	0.0	63.3

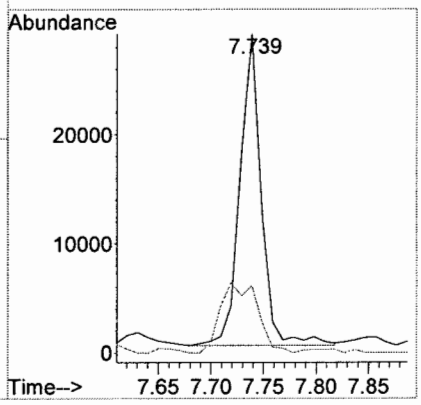


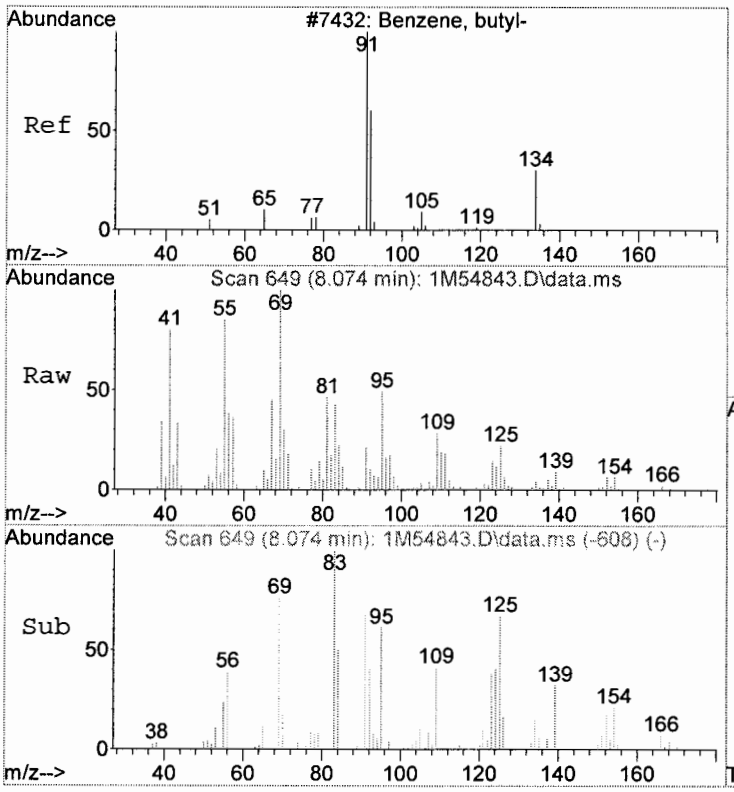


#86
sec-Butylbenzene
Concen: 5.84 ug/l
RT: 7.739 min Scan# 615
Delta R.T. 0.000 min
Lab File: 1M54843.D
Acq: 8 Mar 2010 14:21

Tgt Ion:105 Resp: 40428

Ion	Ratio	Lower	Upper
105	100		
134	38.8	0.0	61.8

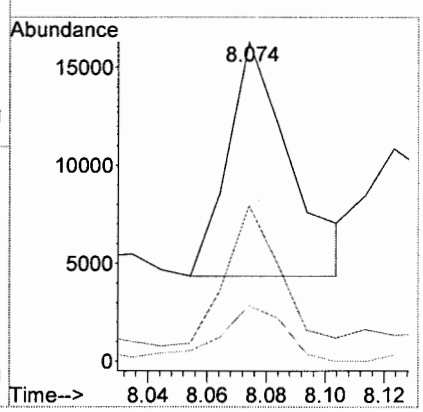




#88
n-Butylbenzene
Concen: 2.47 ug/l
RT: 8.074 min Scan# 649
Delta R.T. 0.000 min
Lab File: 1M54843.D
Acq: 8 Mar 2010 14:21

Tgt Ion: 91 Resp: 17644

Ion	Ratio	Lower	Upper
91	100		
92	52.1	8.4	88.4
134	25.6	3.6	83.6



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M54843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	5	6	8	rBV	7597	18025	0.65%	0.037%
2	1.359	8	9	13	rVB2	6309	14351	0.52%	0.029%
3	1.460	13	15	17	rBV	8943	13289	0.48%	0.027%
4	1.996	46	47	52	rVB3	2892	8292	0.30%	0.017%
5	2.496	79	83	90	rBV	16456	31755	1.15%	0.064%
6	2.653	96	99	104	rBV	50407	72360	2.62%	0.147%
7	2.821	113	116	119	rBV3	9186	17841	0.65%	0.036%
8	3.057	135	140	143	rVB	9352	16148	0.59%	0.033%
9	3.274	156	162	164	rBV	3607	5798	0.21%	0.012%
10	3.698	202	205	209	rBV2	4795	9004	0.33%	0.018%
11	3.777	209	213	216	rBV	11846	18287	0.66%	0.037%
12	3.836	216	219	222	rBV3	5605	10099	0.37%	0.020%
13	4.102	243	246	249	rBV	4439	6837	0.25%	0.014%
14	4.161	249	252	258	rVV	91873	144837	5.25%	0.294%
15	4.270	258	263	266	rVB2	32666	69017	2.50%	0.140%
16	4.388	271	275	279	rBV	91206	160335	5.81%	0.325%
17	4.477	279	284	286	rVV2	8604	19168	0.69%	0.039%
18	4.516	286	288	290	rVV2	8916	15216	0.55%	0.031%
19	4.556	290	292	295	rVB	43701	56344	2.04%	0.114%
20	4.615	295	298	301	rBV	288391	395925	14.36%	0.803%
21	4.703	303	307	313	rBV3	10708	27275	0.99%	0.055%
22	4.861	320	323	325	rVB2	5445	8475	0.31%	0.017%
23	4.950	329	332	339	rBV4	65089	168234	6.10%	0.341%
24	5.038	339	341	343	rVV	4947	7774	0.28%	0.016%
25	5.078	343	345	346	rVV	9216	11363	0.41%	0.023%
26	5.127	346	350	354	rVB2	45973	75185	2.73%	0.152%
27	5.216	354	359	363	rVB2	51609	92069	3.34%	0.187%
28	5.295	363	367	369	rBV2	36507	62055	2.25%	0.126%
29	5.324	369	370	374	rVB	31280	42489	1.54%	0.086%
30	5.413	376	379	382	rVB	88119	131170	4.76%	0.266%
31	5.502	385	388	391	rBV3	51388	91274	3.31%	0.185%
32	5.571	391	395	399	rBV	362284	611098	22.16%	1.239%
33	5.640	399	402	403	rBV2	9809	13715	0.50%	0.028%
34	5.679	403	406	411	rVB3	131417	265562	9.63%	0.538%
35	5.748	411	413	415	rBV3	39845	73160	2.65%	0.148%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

36	5.788	415	417	420	rVB	157635	207659	7.53%	0.421%
37	5.847	420	423	427	rBV4	167455	281051	10.19%	0.570%
38	5.906	427	429	431	rVB2	41956	48770	1.77%	0.099%
39	5.945	431	433	437	rVB	263141	370301	13.43%	0.751%
40	6.024	437	441	445	rBV	143480	339568	12.31%	0.688%
41	6.073	445	446	447	rBV	28150	24304	0.88%	0.049%
42	6.103	447	449	451	rBV2	42162	66153	2.40%	0.134%
43	6.162	451	455	460	rBV	462646	671581	24.35%	1.362%
44	6.221	460	461	464	rVB	107974	126979	4.60%	0.257%
45	6.261	464	465	466	rVB	16400	9692	0.35%	0.020%
46	6.290	466	468	474	rVB2	218694	377650	13.69%	0.766%
47	6.379	474	477	481	rBV4	125766	303822	11.02%	0.616%
48	6.448	481	484	488	rVB	281333	489941	17.76%	0.993%
49	6.527	488	492	494	rBV2	182915	321213	11.65%	0.651%
50	6.576	494	497	498	rBV	245681	407296	14.77%	0.826%
51	6.625	498	502	505	rVB3	483205	985345	35.73%	1.998%
52	6.684	505	508	510	rBV3	130547	274431	9.95%	0.556%
53	6.734	510	513	515	rVB	246010	355389	12.89%	0.721%
54	6.793	515	519	522	rBV3	486186	1205532	43.71%	2.444%
55	6.862	522	526	529	rVB2	942898	1514096	54.90%	3.070%
56	6.950	529	535	538	rBV4	893006	2279956	82.67%	4.622%
57	7.010	538	541	544	rBV4	381757	697041	25.27%	1.413%
58	7.059	544	546	550	rVB2	159378	341743	12.39%	0.693%
59	7.108	550	551	553	rBV	111743	150892	5.47%	0.306%
60	7.148	553	555	557	rVB	361720	491241	17.81%	0.996%
61	7.207	557	561	565	rBV5	418202	1111439	40.30%	2.253%
62	7.266	565	567	570	rVB	760822	1035670	37.55%	2.100%
63	7.325	570	573	577	rBV3	381789	1190255	43.16%	2.413%
64	7.394	577	580	586	rVB5	450009	1181022	42.82%	2.394%
65	7.493	586	590	592	rBV3	378221	670014	24.29%	1.358%
66	7.542	592	595	596	rBV2	121738	237899	8.63%	0.482%
67	7.581	596	599	603	rVB3	393852	959532	34.79%	1.945%
68	7.640	603	605	607	rBV	534629	929834	33.71%	1.885%
69	7.680	607	609	612	rVB2	543399	849362	30.80%	1.722%
70	7.769	612	618	623	rBV6	428397	1728342	62.67%	3.504%
71	7.838	623	625	626	rVV2	98742	97172	3.52%	0.197%
72	7.867	626	628	632	rVB4	275069	536877	19.47%	1.088%
73	7.926	632	634	635	rBV2	113548	135445	4.91%	0.275%
74	7.976	635	639	647	rBV2	520925	1295506	46.97%	2.627%
75	8.123	647	654	657	rBV3	1091209	2758051	100.00%	5.592%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

76	8.163	657	658	660	rVV2	230065	316564	11.48%	0.642%
77	8.192	660	661	662	rVV	277170	307217	11.14%	0.623%
78	8.222	662	664	667	rVV2	477803	925281	33.55%	1.876%
79	8.271	667	669	670	rVV2	291164	498680	18.08%	1.011%
80	8.301	670	672	676	rVB3	607503	1160566	42.08%	2.353%
81	8.380	676	680	681	rBV3	182771	455088	16.50%	0.923%
82	8.439	681	686	689	rVV6	331622	868718	31.50%	1.761%
83	8.478	689	690	692	rVV2	97612	151398	5.49%	0.307%
84	8.527	692	695	703	rVB3	856358	2092671	75.87%	4.243%
85	8.636	703	706	707	rBV3	432110	668548	24.24%	1.355%
86	8.665	707	709	712	rVV	609975	1140166	41.34%	2.312%
87	8.705	712	713	717	rVB3	279365	488294	17.70%	0.990%
88	8.754	717	718	720	rVB	129468	130455	4.73%	0.264%
89	8.794	720	722	726	rBV2	232361	498228	18.06%	1.010%
90	8.892	726	732	739	rVB5	594791	1931745	70.04%	3.916%
91	8.981	739	741	743	rVB2	144033	138006	5.00%	0.280%
92	9.040	743	747	750	rBV4	476955	1140297	41.34%	2.312%
93	9.089	750	752	755	rVB2	280063	461834	16.74%	0.936%
94	9.148	755	758	760	rBV3	364448	759194	27.53%	1.539%
95	9.237	763	767	770	rVB3	549418	973585	35.30%	1.974%
96	9.286	770	772	774	rVV3	79876	123033	4.46%	0.249%
97	9.316	774	775	777	rVV	104813	84322	3.06%	0.171%
98	9.365	777	780	783	rVV4	257875	706658	25.62%	1.433%
99	9.414	783	785	790	rVB4	371919	875514	31.74%	1.775%
100	9.483	790	792	794	rBV3	63261	90391	3.28%	0.183%
101	9.572	798	801	803	rBV3	125917	321903	11.67%	0.653%
102	9.612	803	805	808	rVB	530155	718802	26.06%	1.457%
103	9.700	808	814	818	rVV7	147316	547994	19.87%	1.111%
104	9.769	818	821	823	rVB3	128143	239909	8.70%	0.486%
105	9.809	823	825	827	rBV2	61271	99204	3.60%	0.201%
106	9.848	827	829	832	rVV2	133075	213536	7.74%	0.433%
107	9.907	832	835	839	rVB7	163856	353582	12.82%	0.717%

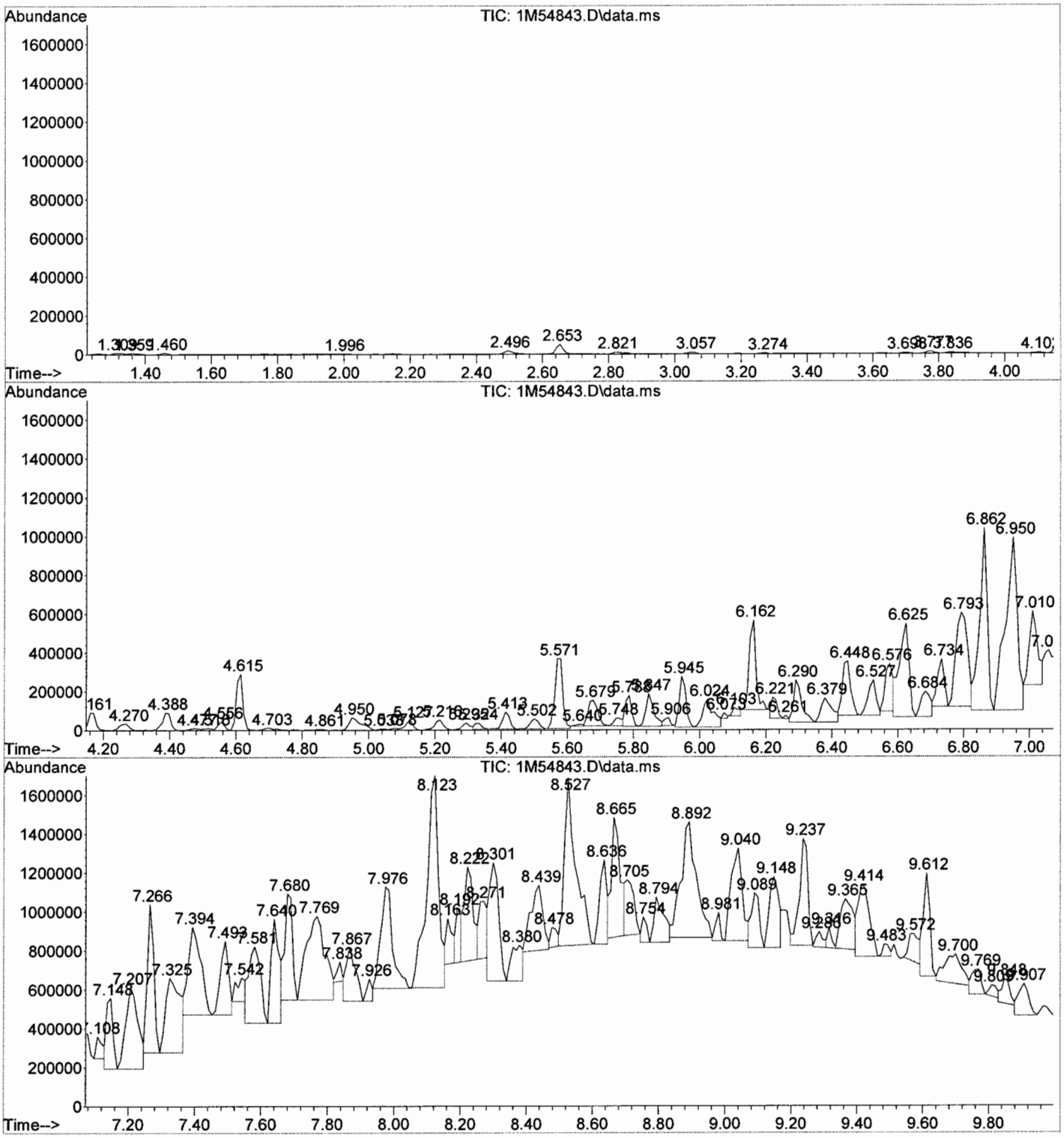
Sum of corrected areas: 49323275

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

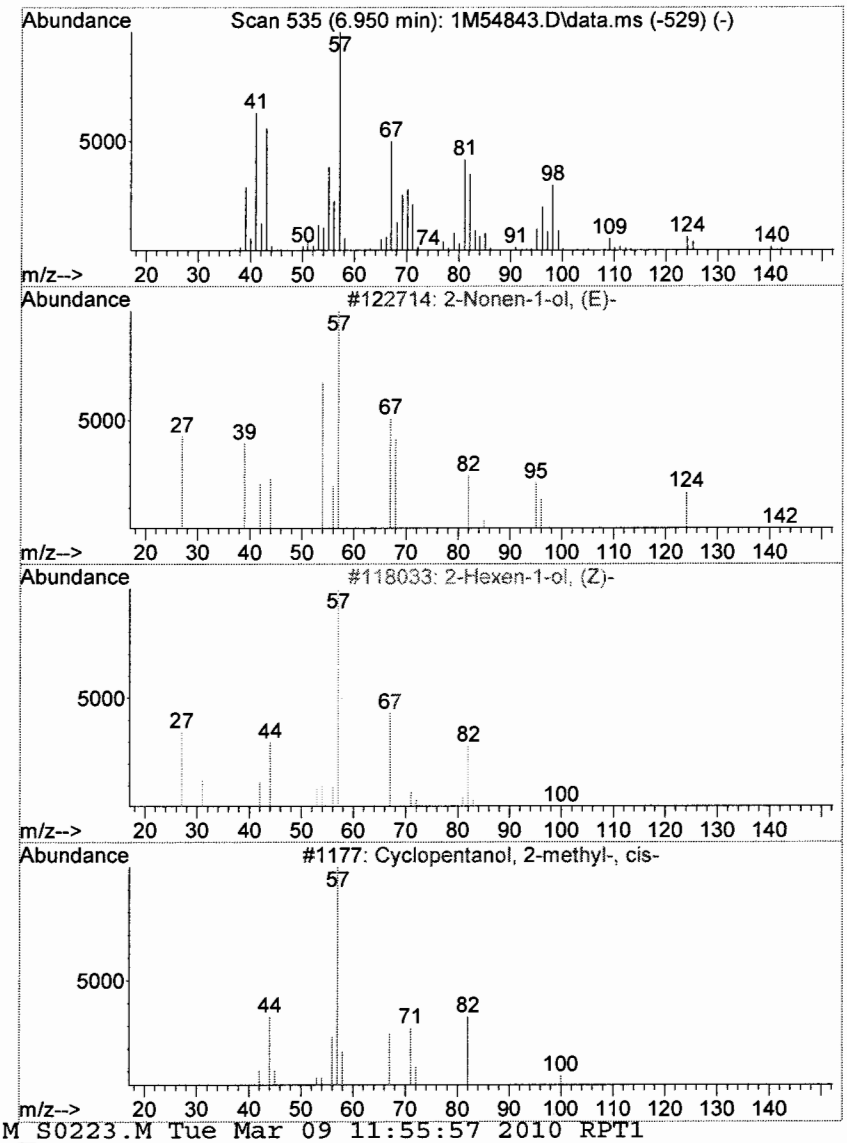
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

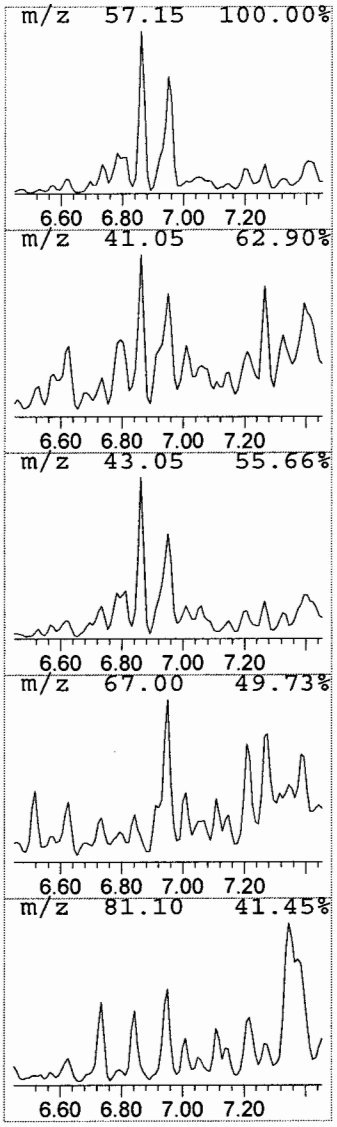
****

Peak Number 1 2-Nonen-1-ol, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	119.15 ug/l	2279956	LibIS-Chlorobenzene-d5	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	49
2	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	38
3	Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	32
4	2-UNDECEN-1-OL	170	C11H22O	000000-00-0	16
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	30





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

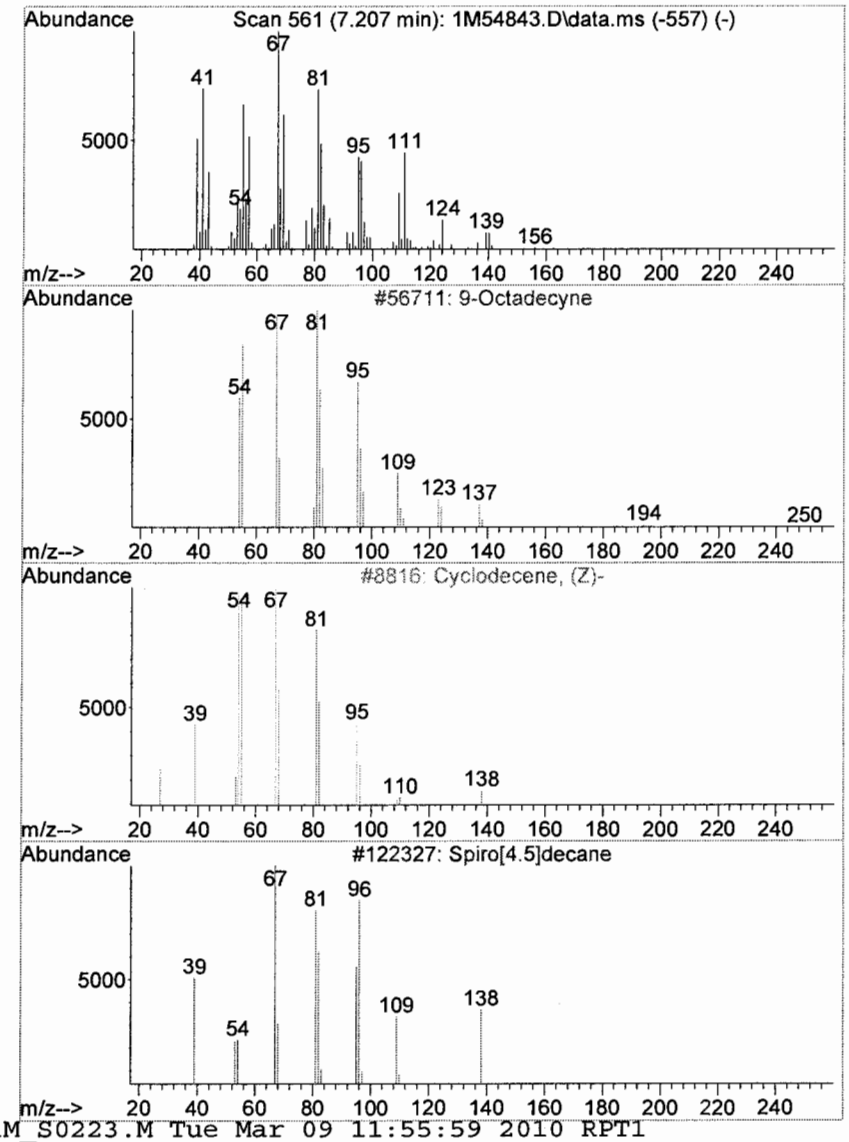
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

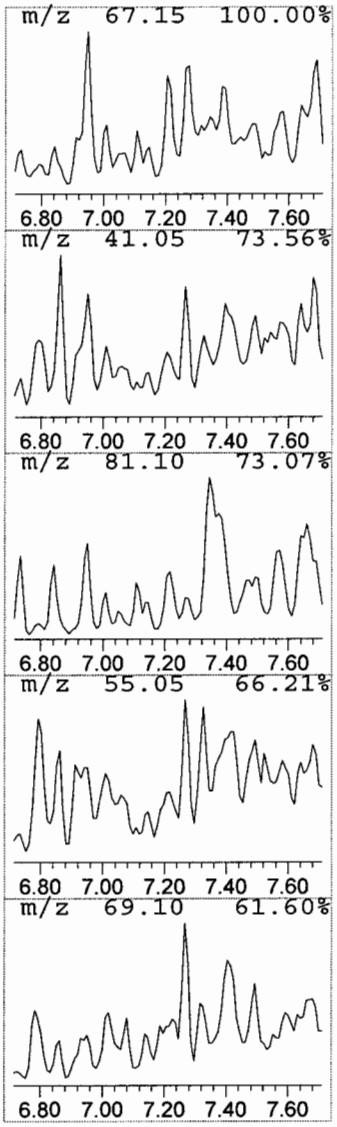
****

Peak Number 2 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	96.34 ug/l	1111439	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecyne	250	C18H34	035365-59-4	47
2	Cyclodecene, (Z)-	138	C10H18	000935-31-9	47
3	Spiro[4.5]decane	138	C10H18	000176-63-6	47
4	8-Heptadecyne, 1-bromo-	314	C17H31Br	056599-94-1	38
5	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

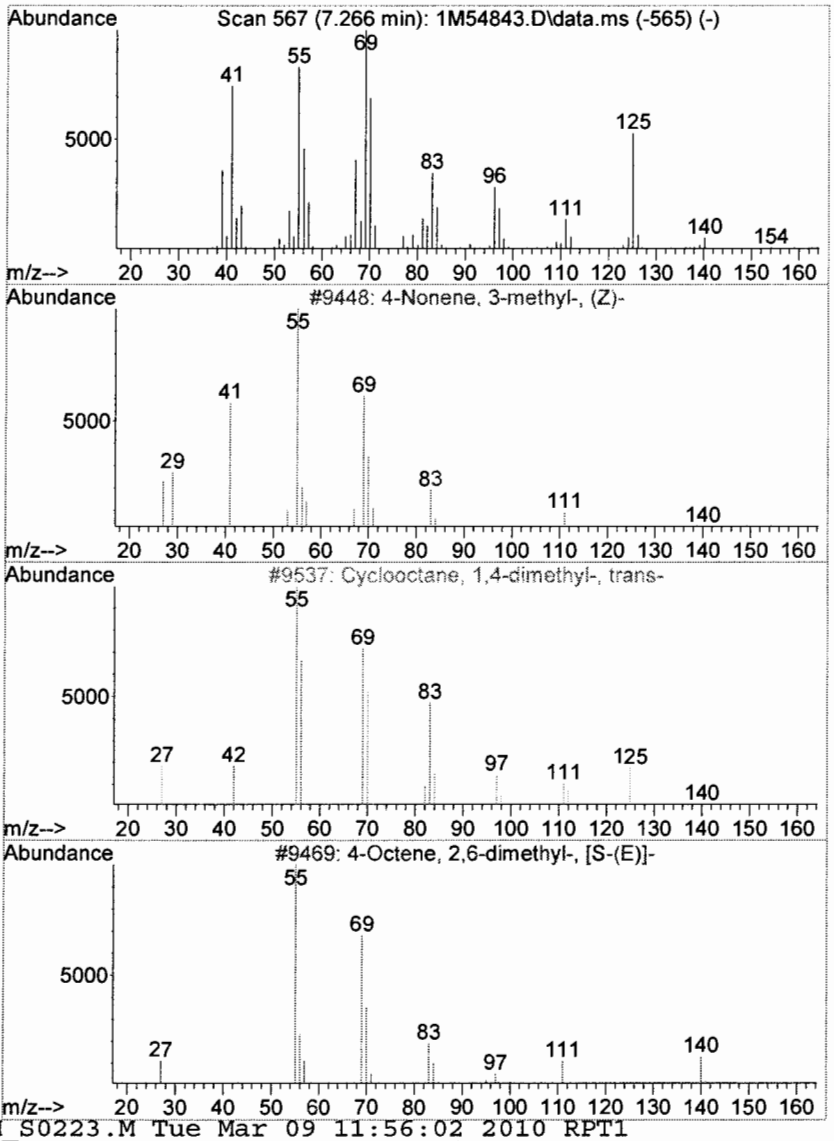
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

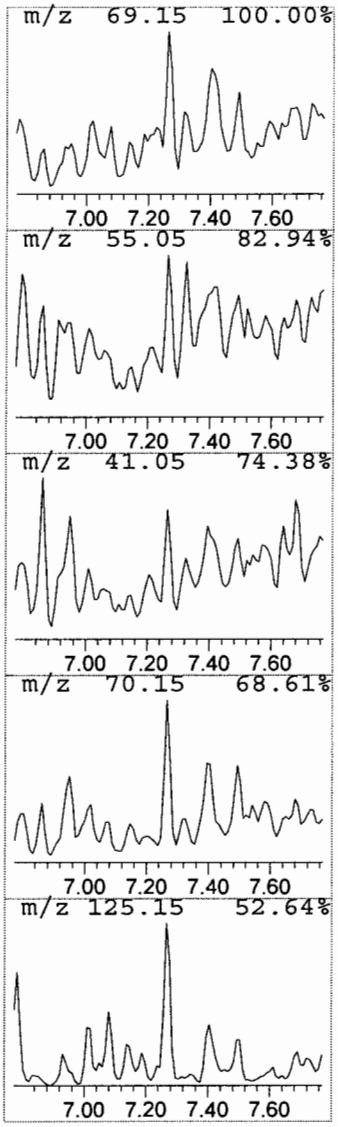
****

Peak Number 3 4-Nonene, 3-methyl-, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	89.77 ug/l	1035670	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	49
2	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	27
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	22
5	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	25





Library Search Compound Report

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Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

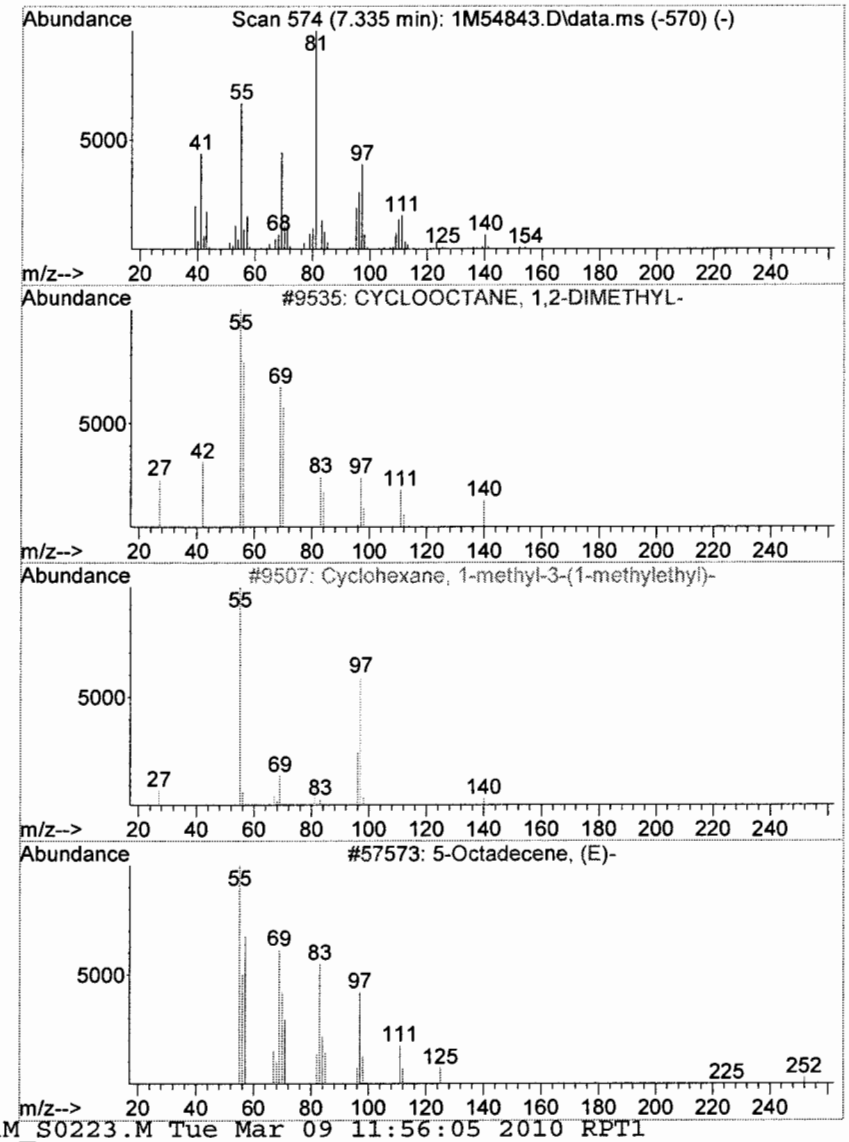
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

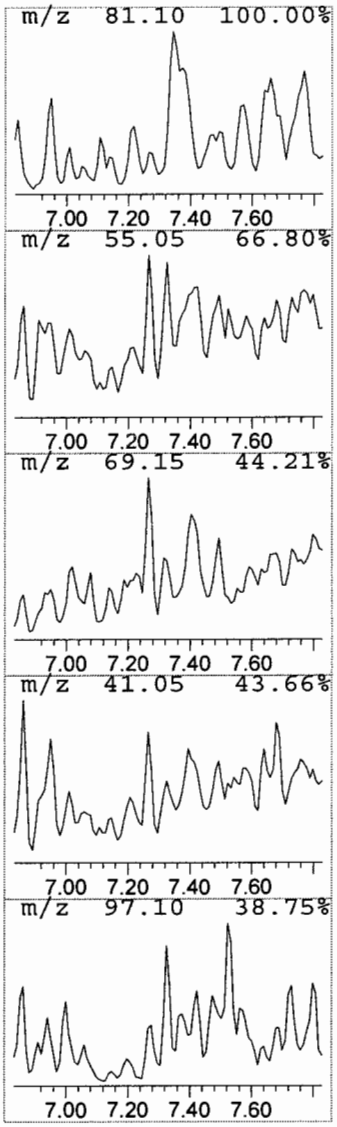
****

Peak Number 4 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	103.17 ug/l	1190255	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CYCLOOCTANE, 1,2-DIMETHYL-	140	C10H20	000000-00-0	10
2	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	47
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	10
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46





Library Search Compound Report

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Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

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Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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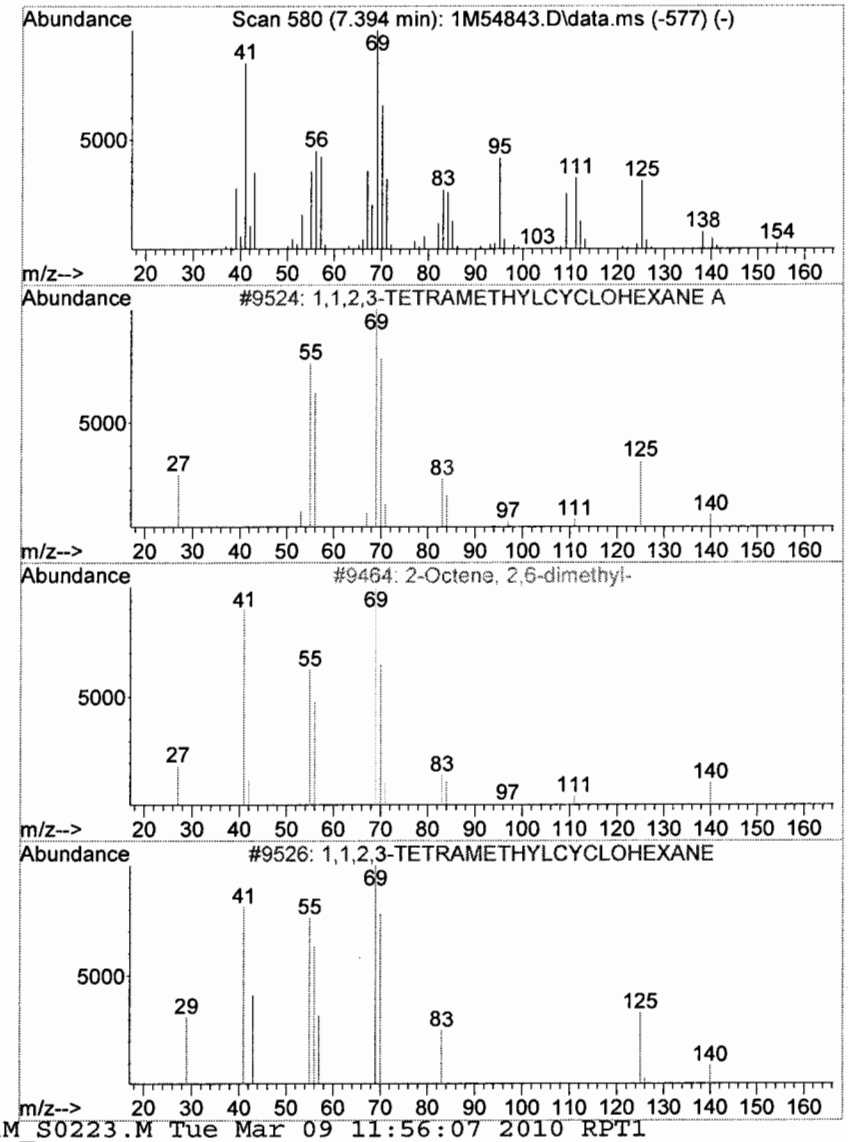
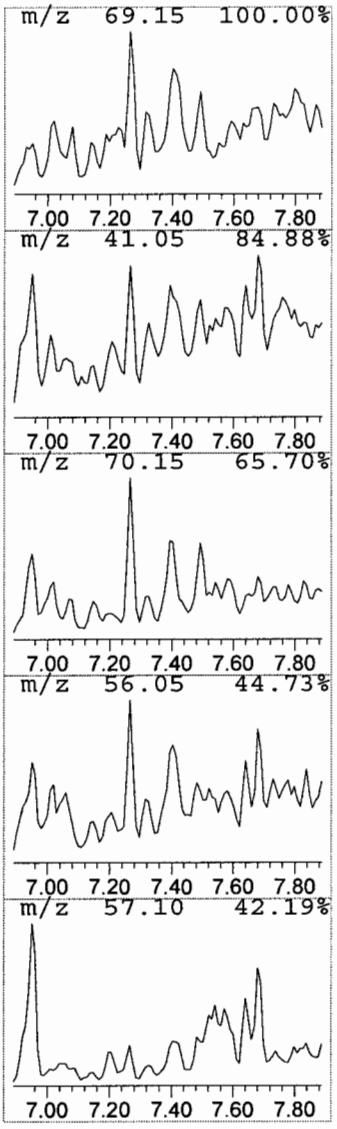
Peak Number 5 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	102.37 ug/l	1181022	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2,3-TETRAMETHYLCYCLOHEXANE A	140	C10H20	006783-92-2	40
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	38
3	1,1,2,3-TETRAMETHYLCYCLOHEXANE	140	C10H20	071186-28-2	38
4	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	10
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	46





Library Search Compound Report

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Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

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Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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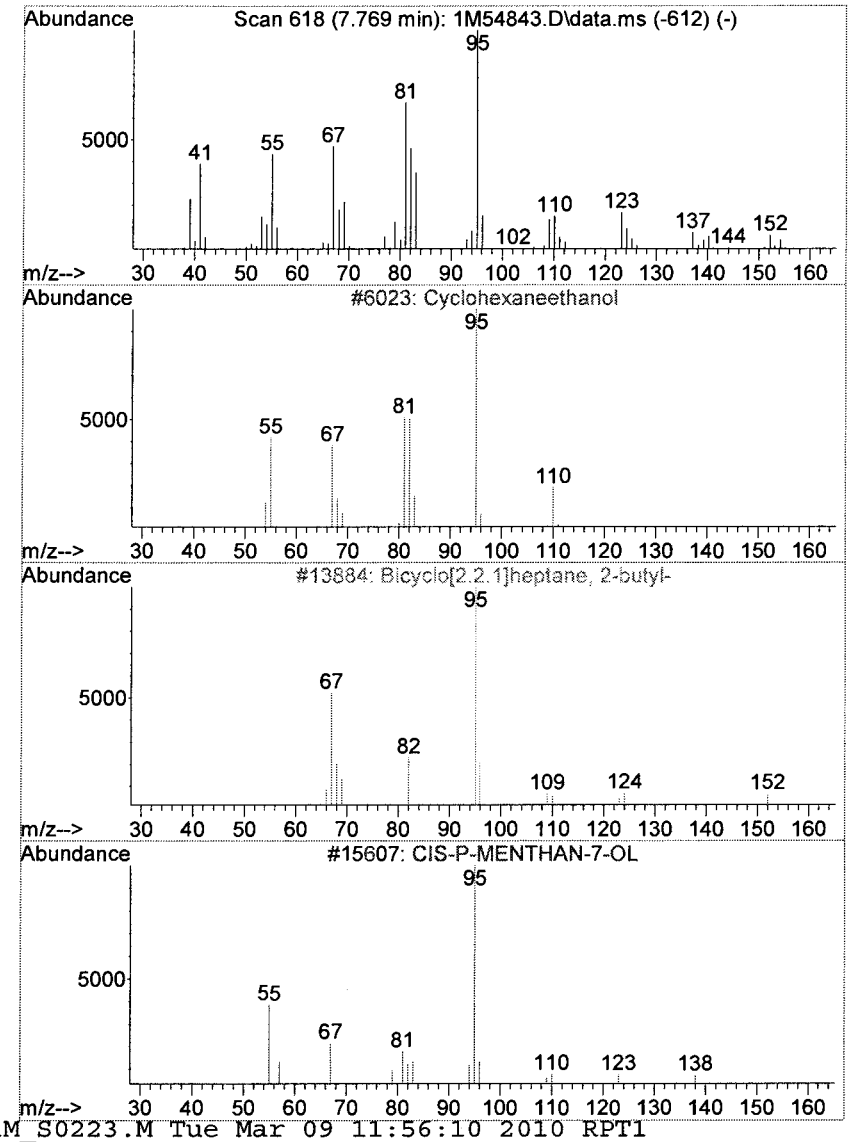
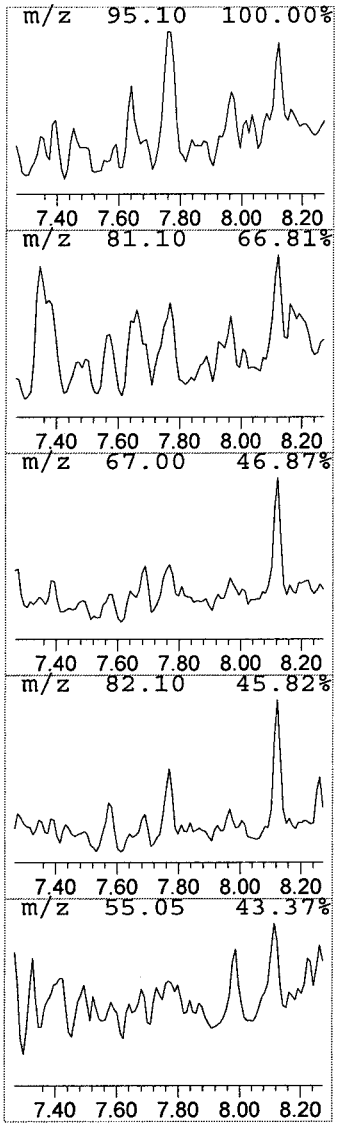
Peak Number 6 Cyclohexaneethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	149.81 ug/l	1728342	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexaneethanol	128	C8H16O	004442-79-9	53
2	Bicyclo[2.2.1]heptane, 2-butyl-	152	C11H20	061177-16-0	53
3	CIS-P-MENTHAN-7-OL	156	C10H20O	013828-37-0	40
4	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	22
5	2-METHYLDECALIN (PROBABLY CIS)	152	C11H20	000000-00-0	22





Library Search Compound Report

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Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

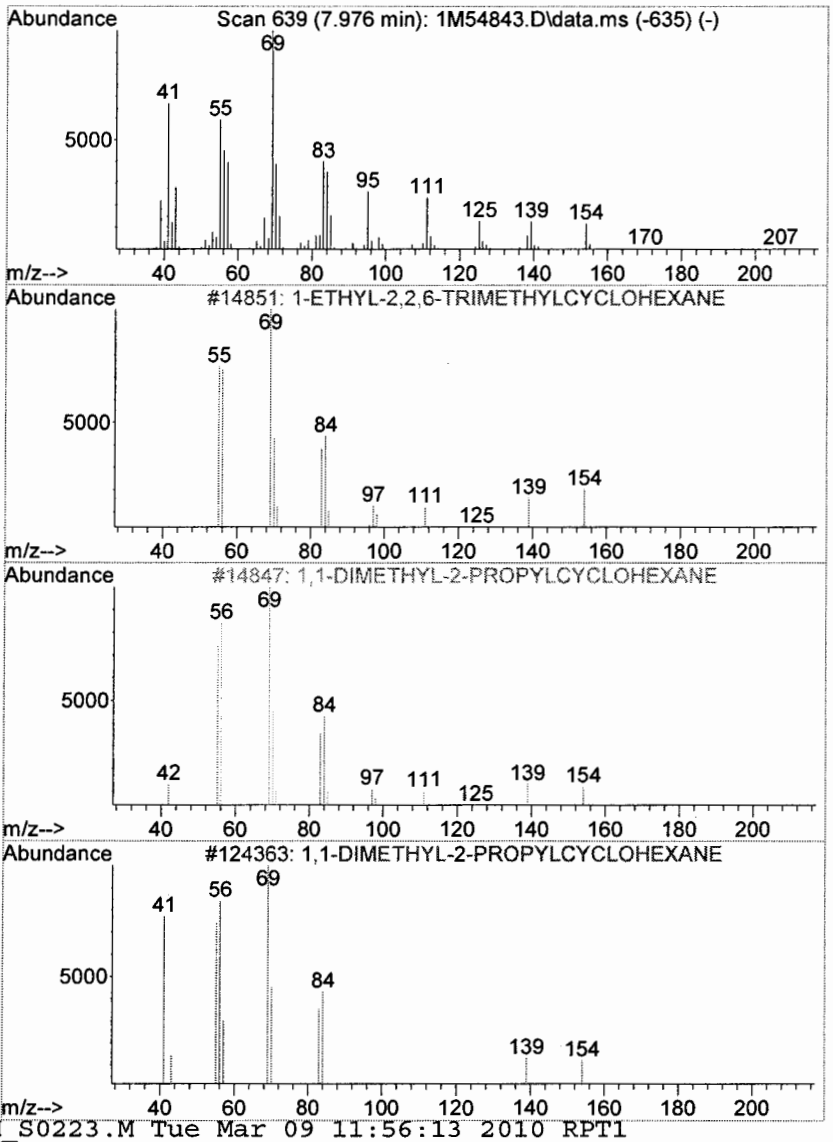
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

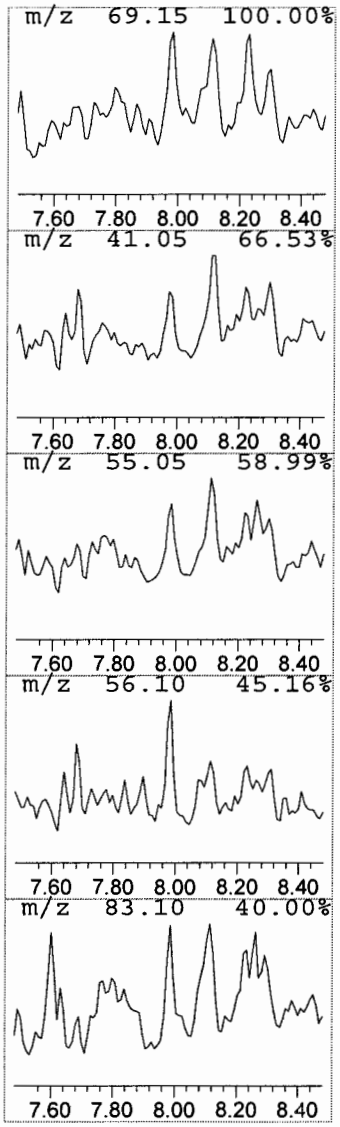
****

Peak Number 7 1,1-DIMETHYL-2-PROPYLCYCLOH... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	112.29 ug/l	1295506	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-ETHYL-2,2,6-TRIMETHYLCYCLOHEXANE	154	C11H22	000000-00-0	41
2	1,1-DIMETHYL-2-PROPYLCYCLOHEXANE	154	C11H22	081983-71-3	58
3	1,1-DIMETHYL-2-PROPYLCYCLOHEXANE	154	C11H22	081983-71-3	52
4	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	47
5	2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	50





Library Search Compound Report

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Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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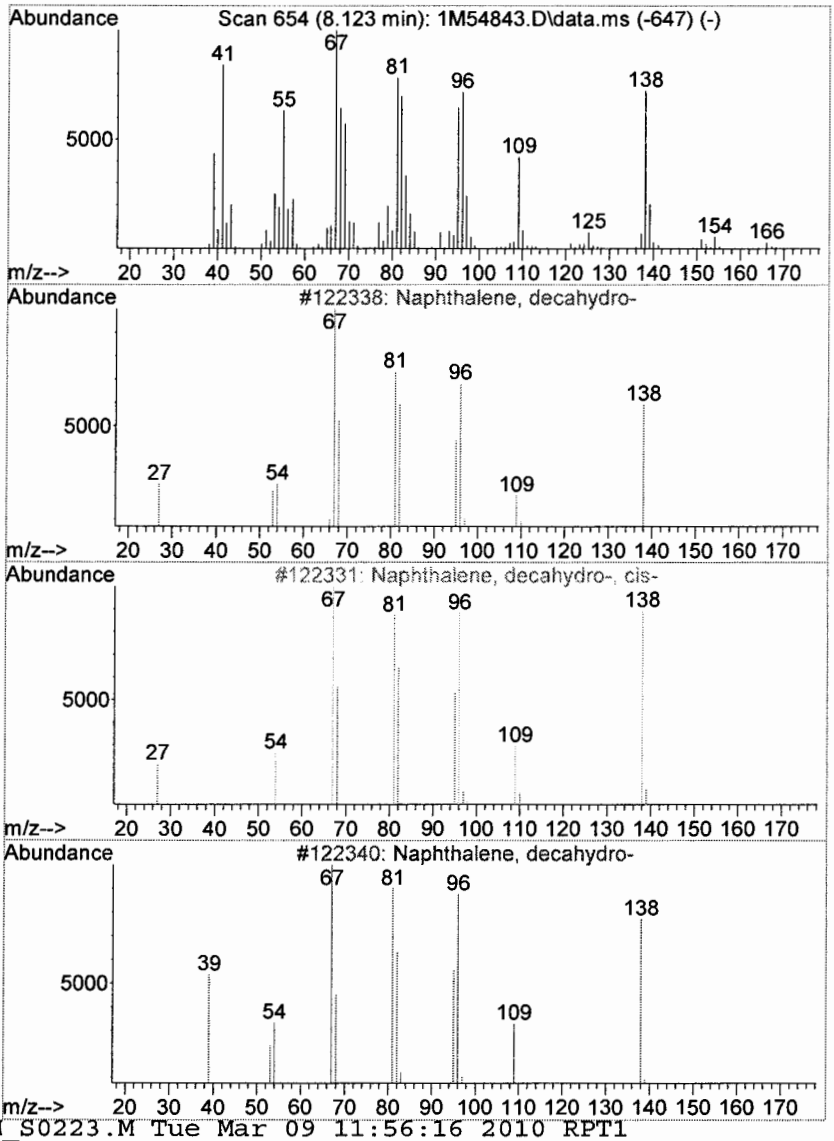
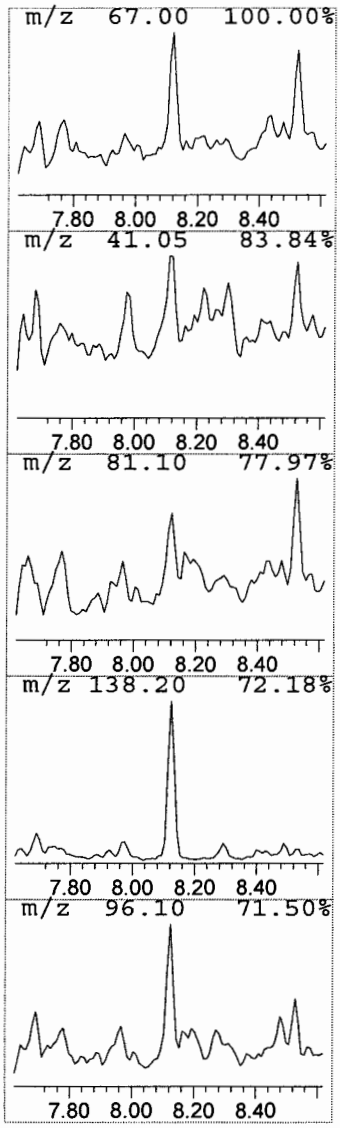
Peak Number 8 Naphthalene, decahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	239.06 ug/l	2758051	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	80
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	87
5	Naphthalene, decahydro-	138	C10H18	000091-17-8	87





Library Search Compound Report

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Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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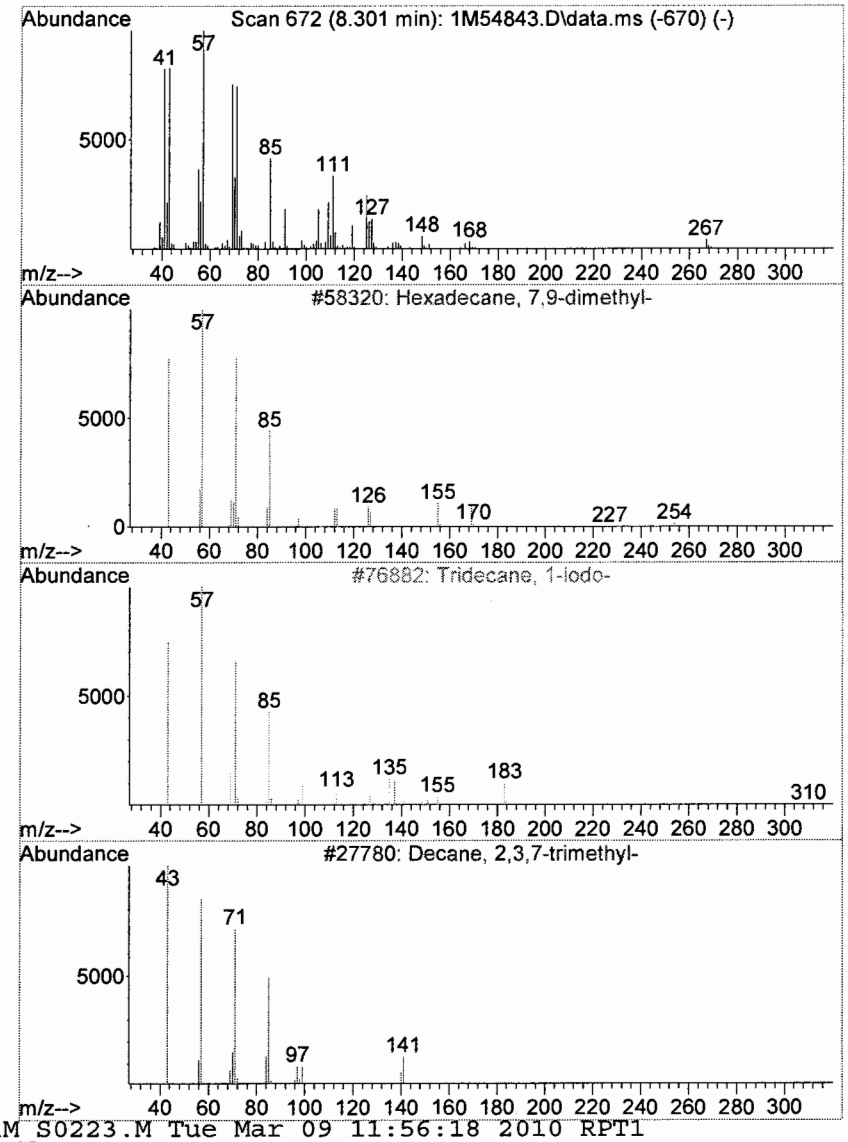
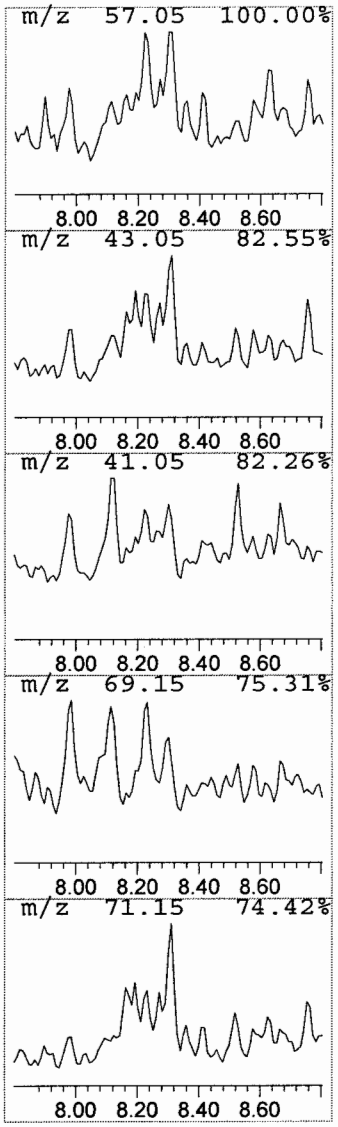
Peak Number 9 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	100.59 ug/l	1160566	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	27
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	16
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	38
5	Hexatriacontane	507	C36H74	000630-06-8	35





Library Search Compound Report

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Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

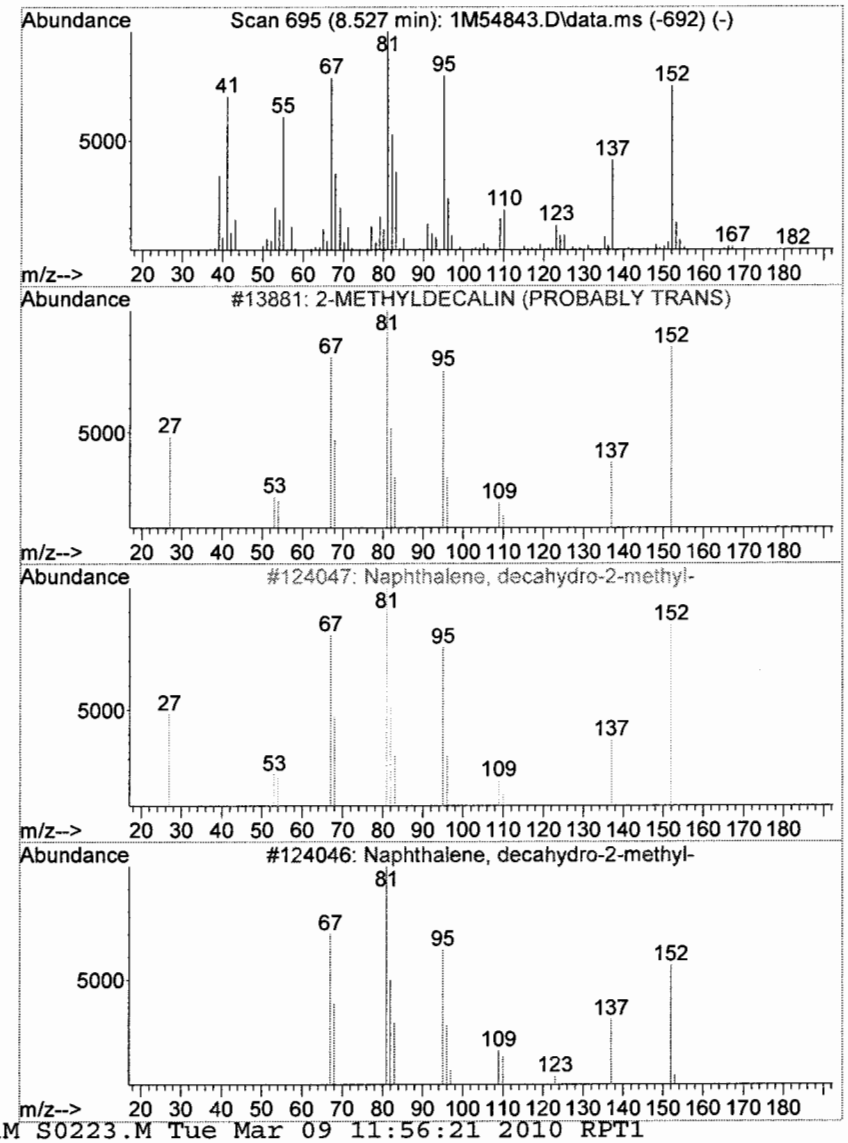
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

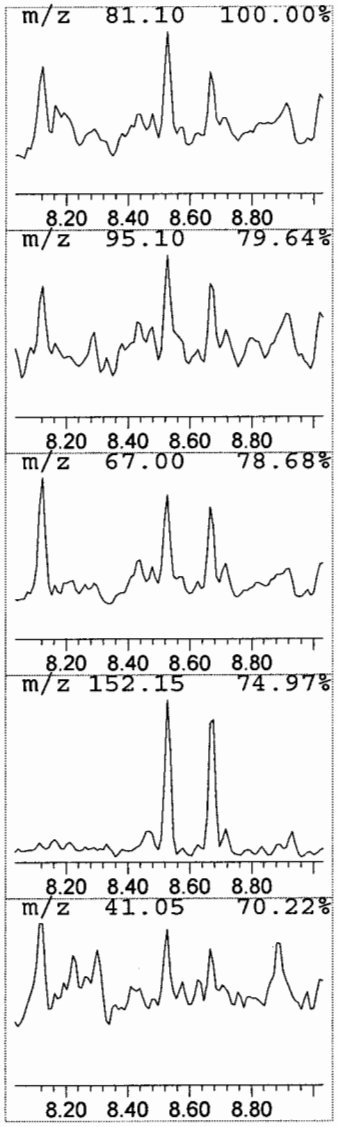
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-METHYLDECALIN (PROBABLY T... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	181.38 ug/l	2092671	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	49
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4	(-)-TRANS-CARANON-(3)	152	C10H16O	004176-04-9	58
5	Pulegone	152	C10H16O	000089-82-7	53





Library Search Compound Report

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Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

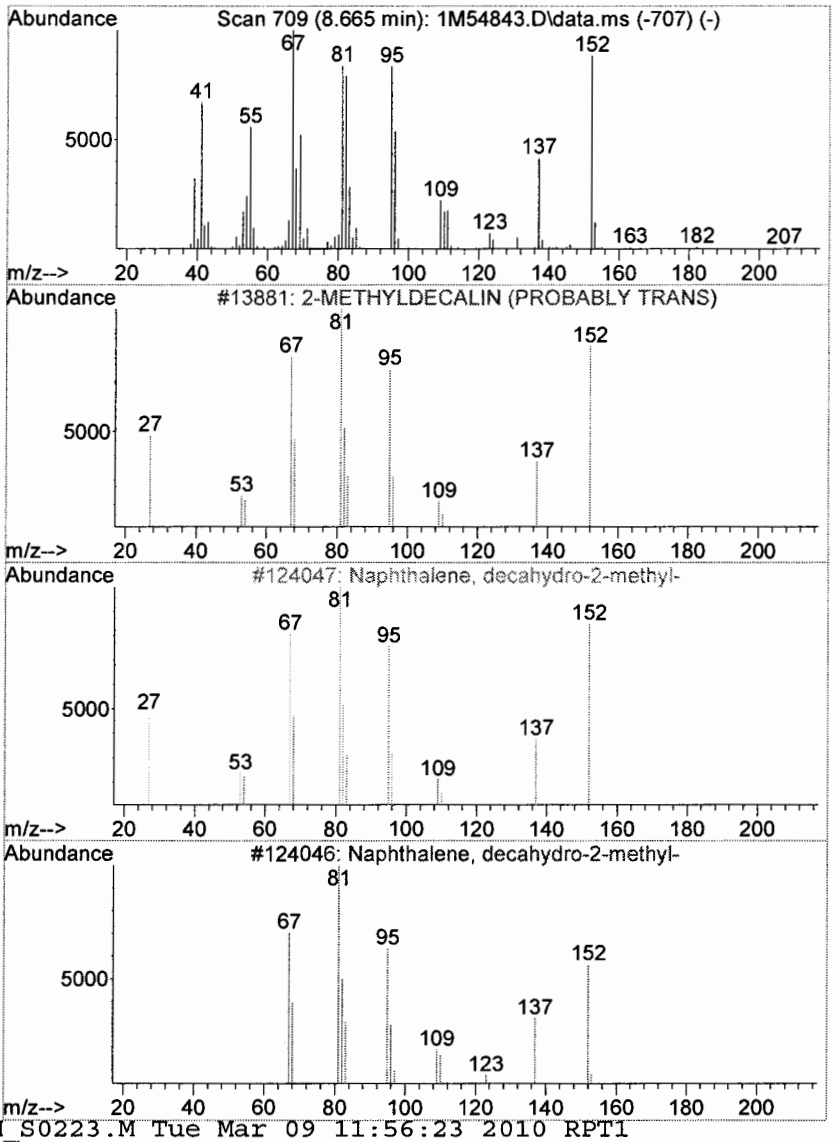
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

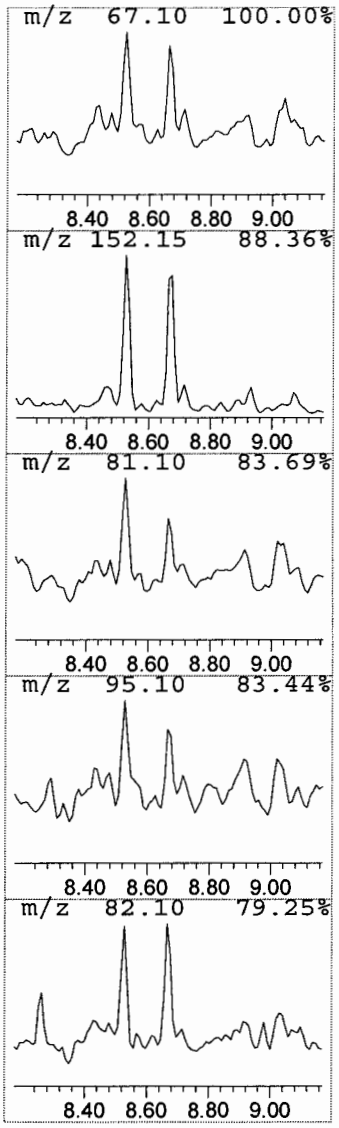
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-METHYLDECALIN (PROBABLY T... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	98.83 ug/l	1140166	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	70
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
4	CIS-SYN-1-METHYL-DECAHYDRONAPHTH...	152	C11H20	000000-00-0	53
5	TRANS-ANTI-1-METHYL-DECAHYDRONAP...	152	C11H20	000000-00-0	81





Library Search Compound Report

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Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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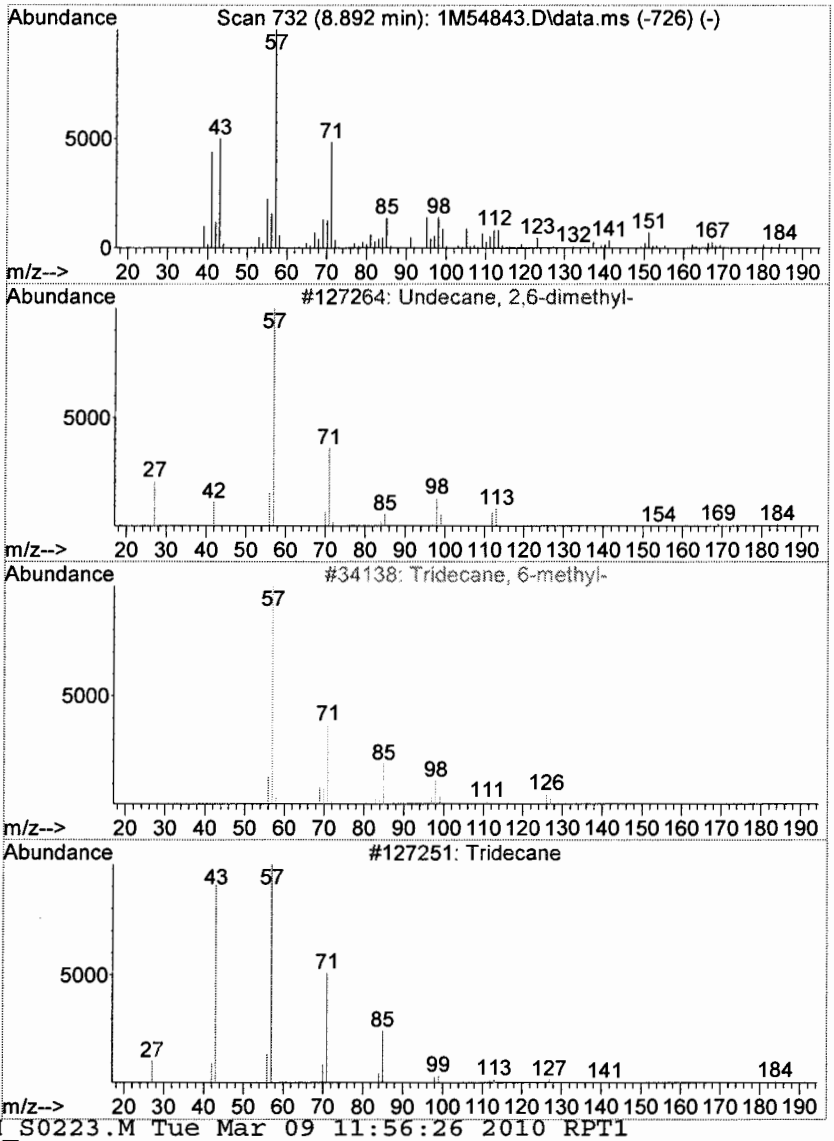
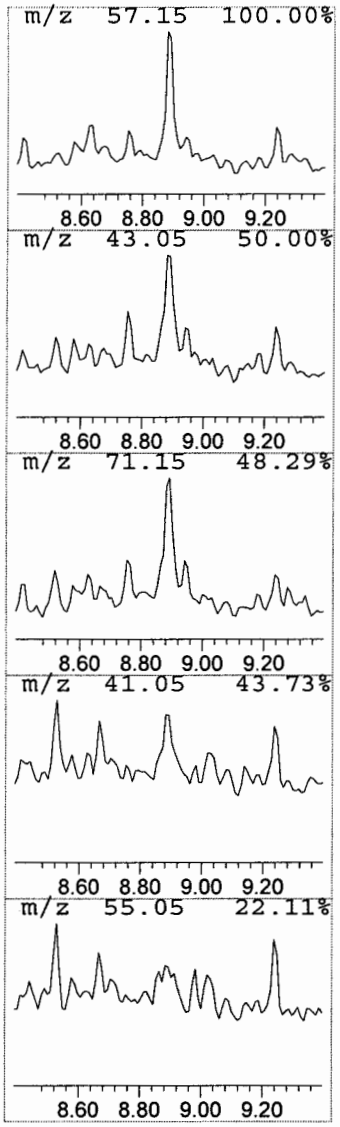
Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	167.44 ug/l	1931745	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
3	Tridecane	184	C13H28	000629-50-5	27
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	45
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	47





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
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Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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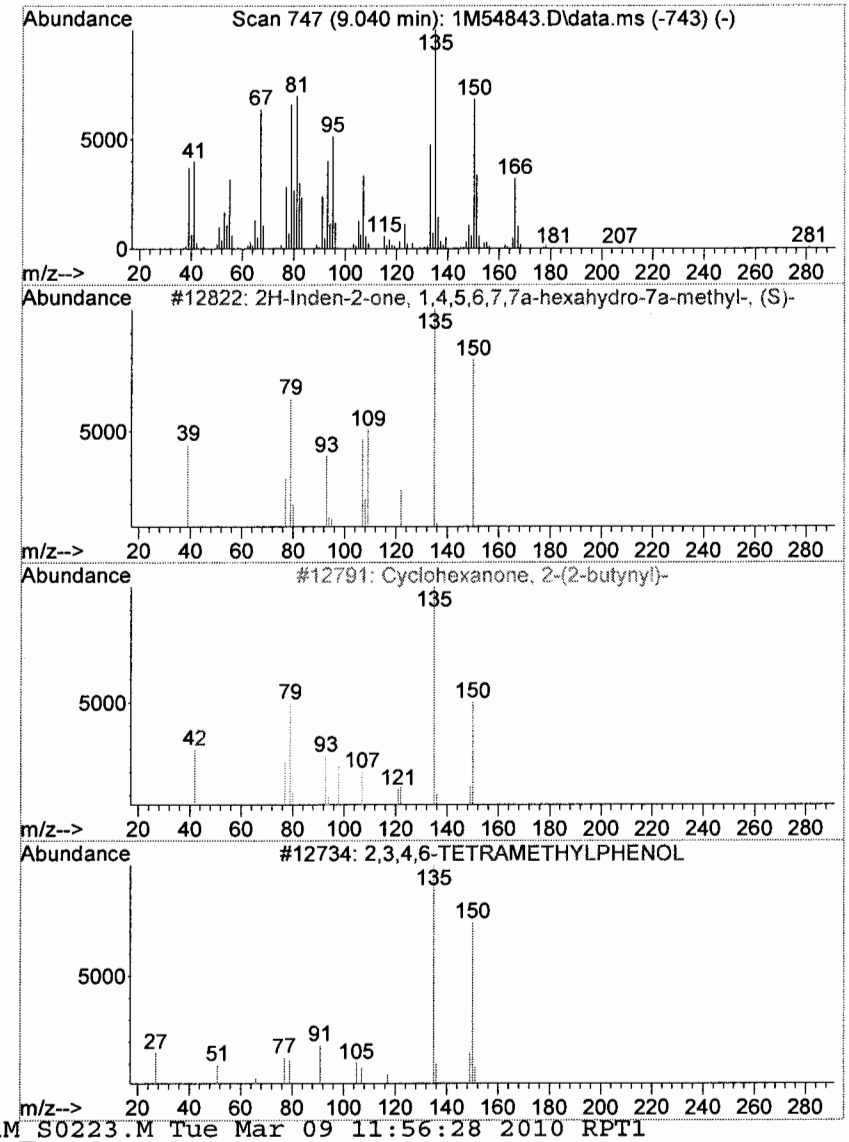
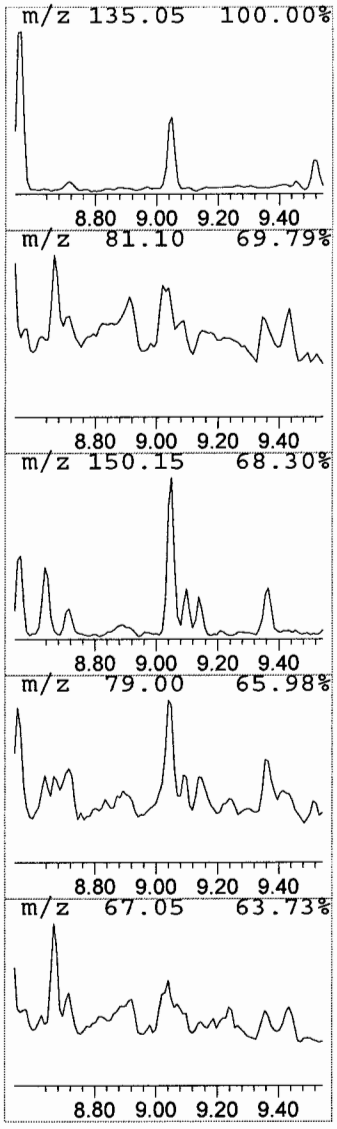
Peak Number 13 2H-Inden-2-one, 1,4,5,6,7,7... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	98.84 ug/l	1140297	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	83
2	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	58
3	2,3,4,6-TETRAMETHYLPHENOL	150	C10H14O	000000-00-0	25
4	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	22
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	25





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54843.D
Acq On : 8 Mar 2010 14:21
Operator : WP
Sample : AC50108-003(5X)
Misc : S,5G!4
ALS Vial : 53 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc
2-Nonen-1-ol, (E)-	6.95	119.2	ug/l	2279956	2	6.45	6.45	574043	30.0
unknown	7.21	96.3	ug/l	1111439	3	7.87	7.87	346115	30.0
4-Nonene, 3-methy...	7.27	89.8	ug/l	1035670	3	7.87	7.87	346115	30.0
unknown	7.33	103.2	ug/l	1190255	3	7.87	7.87	346115	30.0
unknown	7.39	102.4	ug/l	1181022	3	7.87	7.87	346115	30.0
Cyclohexaneethanol	7.77	149.8	ug/l	1728342	3	7.87	7.87	346115	30.0
1,1-DIMETHYL-2-PR...	7.98	112.3	ug/l	1295506	3	7.87	7.87	346115	30.0
Naphthalene, deca...	8.12	239.1	ug/l	2758051	3	7.87	7.87	346115	30.0
unknown	8.30	100.6	ug/l	1160566	3	7.87	7.87	346115	30.0
2-METHYLDECALIN (...	8.53	181.4	ug/l	2092671	3	7.87	7.87	346115	30.0
2-METHYLDECALIN (...	8.67	98.8	ug/l	1140166	3	7.87	7.87	346115	30.0
Undecane, 2,6-dim...	8.89	167.4	ug/l	1931745	3	7.87	7.87	346115	30.0
2H-Inden-2-one, 1...	9.04	98.8	ug/l	1140297	3	7.87	7.87	346115	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210S01
Data File: 1M54842.D
Analysis Date: 03/08/10 14:05
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5.15g
Final Vol: NA
Dilution: 0.971
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0058	U	56-23-5	Carbon Tetrachloride	0.0058	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0058	U	108-90-7	Chlorobenzene	0.0058	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0058	U	75-00-3	Chloroethane	0.0058	U
79-00-5	1,1,2-Trichloroethane	0.0058	U	67-66-3	Chloroform	0.0058	U
75-34-3	1,1-Dichloroethane	0.0058	U	74-87-3	Chloromethane	0.0058	U
75-35-4	1,1-Dichloroethene	0.0058	U	156-59-2	cis-1,2-Dichloroethene	0.0058	U
96-18-4	1,2,3-Trichloropropane	0.0058	U	10061-01-5	cis-1,3-Dichloropropene	0.0058	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0058	U
95-50-1	1,2-Dichlorobenzene	0.0058	U	75-71-8	Dichlorodifluoromethane	0.0058	U
107-06-2	1,2-Dichloroethane	0.0058	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0058	U	98-82-8	Isopropylbenzene	0.0012	U
108-67-8	1,3,5-Trimethylbenzene	0.0012	U	136777612	m&p-Xylenes	0.0012	U
541-73-1	1,3-Dichlorobenzene	0.0058	U	75-09-2	Methylene Chloride	0.0058	U
142-28-9	1,3-Dichloropropane	0.0058	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0058	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.29	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0058	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0058	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0058	U	100-42-5	Styrene	0.0058	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.029	U
108-10-1	4-Methyl-2-Pentanone	0.0058	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.029	U	127-18-4	Tetrachloroethene	0.0058	U
107-02-8	Acrolein	0.029	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0058	U	156-60-5	trans-1,2-Dichloroethene	0.0058	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0058	U
75-27-4	Bromodichloromethane	0.0058	U	79-01-6	Trichloroethene	0.0058	U
75-25-2	Bromoform	0.0058	U	75-69-4	Trichlorofluoromethane	0.0058	U
74-83-9	Bromomethane	0.0058	U	75-01-4	Vinyl Chloride	0.0058	U
75-15-0	Carbon Disulfide	0.0058	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144620

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210
Data File: 1M54842.D
Analysis Date: 03/08/10 14:05
Date Rec/Extracted: 03/04/10-NA

Matrix: Soil
Initial Vol: 5.15g
Final Vol: NA
Dilution: 0.971
Solids: 84
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.025 J
2	54774-91-3	2-Propenoic acid, 6-methylheptyl ester	8.65	0.0042 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0.029

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

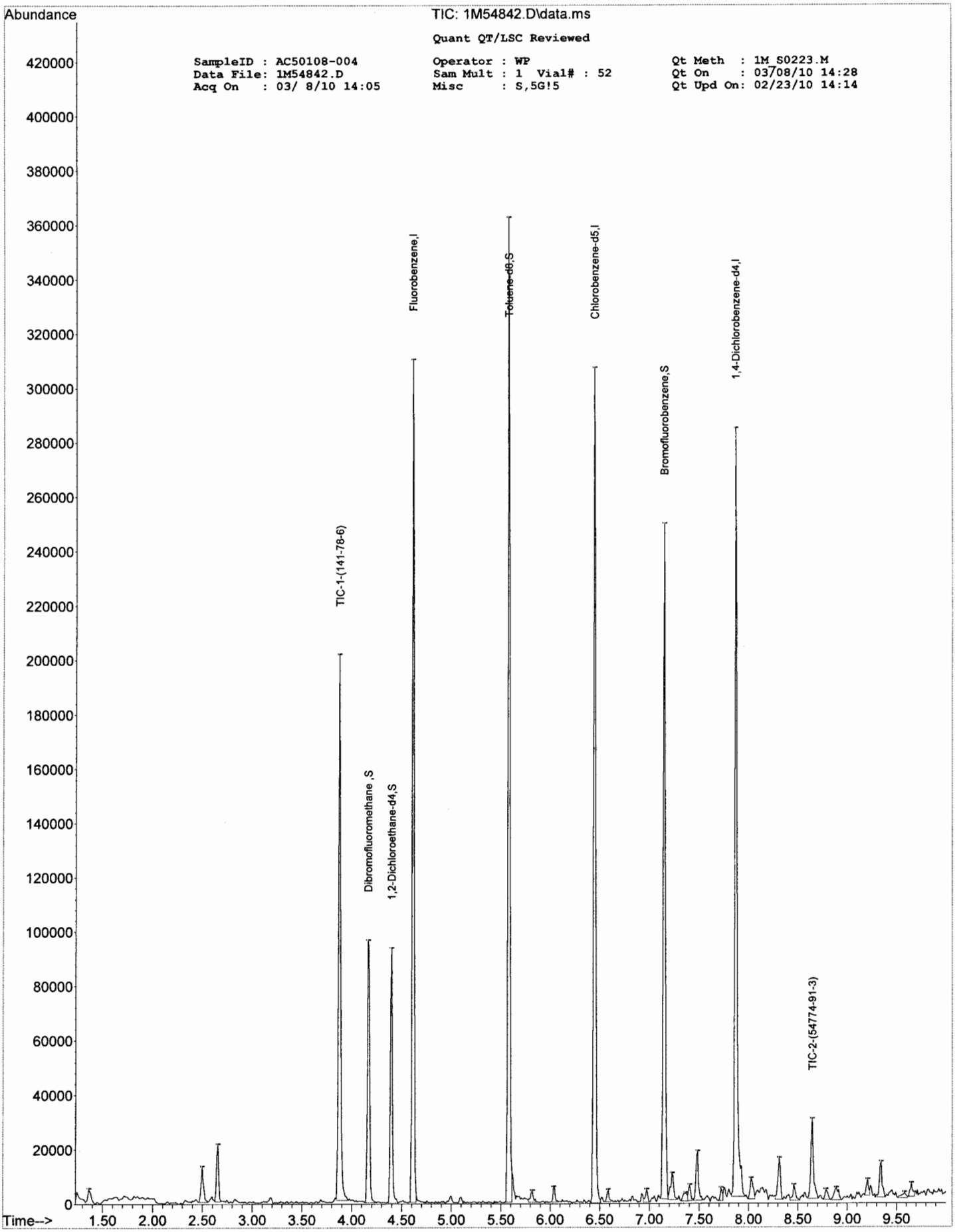
Quantitation Report (QT/LSC Reviewed)

SampleID : AC50108-004 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54842.D Sam Mult : 1 Vial# : 52 Qt On : 03/08/10 14:28
Acq On : 03/ 8/10 14:05 Misc : S,5G!5 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.616	96	151905	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	118068	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.869	152	59343	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.163	111	44333	32.41	ug/l	0.00
Spiked Amount 30.000			Recovery =	108.03%		
35) 1,2-Dichloroethane-d4	4.399	102	8034	32.40	ug/l	0.00
Spiked Amount 30.000			Recovery =	108.00%		
59) Toluene-d8	5.582	100	99952	28.20	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.00%		
67) Bromofluorobenzene	7.149	174	54949	31.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.10%		
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.616		399112	30.00	ug/l	--
2) Chlorobenzene-d5	6.449		429348	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.869		443227	30.00	ug/l	--
Library Search Compounds						
1) 141-78-6	3.880		286418	21.53	ug/l	64
2) 54774-91-3	8.650		53930	3.65	ug/l	59

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54842.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-004
Data File: 1M54842.D
Acq On : 03/ 8/10 14:05
Operator : WP
Sam Mult : 1 Vial# : 52
Misc : S,5G!5
Qt Meth : 1M_S0223.M
Qt On : 03/08/10 14:28
Qt Upd On: 02/23/10 14:14
TIC-1-(141-78-6)
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
TIC-2-(54774-91-3)
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54842.D
Acq On : 8 Mar 2010 14:05
Operator : WP
Sample : AC50108-004
Misc : S,5G!5
ALS Vial : 52 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M54842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.363	7	9	13	rVB	5287	12952	2.79%	0.432%
2	2.497	79	83	89	rBV	12809	21970	4.72%	0.733%
3	2.655	96	99	102	rBV	20799	30408	6.54%	1.014%
4	3.877	220	223	232	rVB	200508	286418	61.59%	9.552%
5	4.163	249	252	261	rBV	95998	150536	32.37%	5.021%
6	4.399	272	276	283	rVB	93271	130403	28.04%	4.349%
7	4.616	295	298	301	rBV	309747	395985	85.16%	13.207%
8	5.582	392	396	399	rBV	361877	465006	100.00%	15.509%
9	5.819	416	420	424	rVB2	4088	8622	1.85%	0.288%
10	6.035	440	442	447	rVB2	5418	8280	1.78%	0.276%
11	6.449	480	484	490	rBV	307005	429061	92.27%	14.310%
12	6.587	493	498	501	rBV	4229	6696	1.44%	0.223%
13	6.972	534	537	540	rVB4	4537	7376	1.59%	0.246%
14	7.149	551	555	559	rBV	248056	354439	76.22%	11.821%
15	7.228	559	563	568	rVB2	9489	21012	4.52%	0.701%
16	7.366	572	577	579	rBV3	2875	8955	1.93%	0.299%
17	7.405	579	581	585	rVV	5654	8917	1.92%	0.297%
18	7.484	585	589	596	rVB2	17826	31341	6.74%	1.045%
19	7.721	610	613	615	rBV2	4559	7141	1.54%	0.238%
20	7.869	624	628	638	rVB	282413	433626	93.25%	14.462%
21	8.026	641	644	648	rBV3	7481	16837	3.62%	0.562%
22	8.312	669	673	676	rVB2	15133	27350	5.88%	0.912%
23	8.460	684	688	694	rVB	5582	10725	2.31%	0.358%
24	8.647	702	707	713	rVB	29128	53930	11.60%	1.799%
25	8.785	718	721	726	rVB3	3594	7102	1.53%	0.237%
26	8.894	726	732	737	rVB4	4368	14078	3.03%	0.470%
27	9.209	761	764	766	rBV3	5778	9749	2.10%	0.325%
28	9.347	774	778	782	rVB	12891	24427	5.25%	0.815%
29	9.584	795	802	805	rBV3	1942	5948	1.28%	0.198%
30	9.653	805	809	812	rBV2	4911	9104	1.96%	0.304%

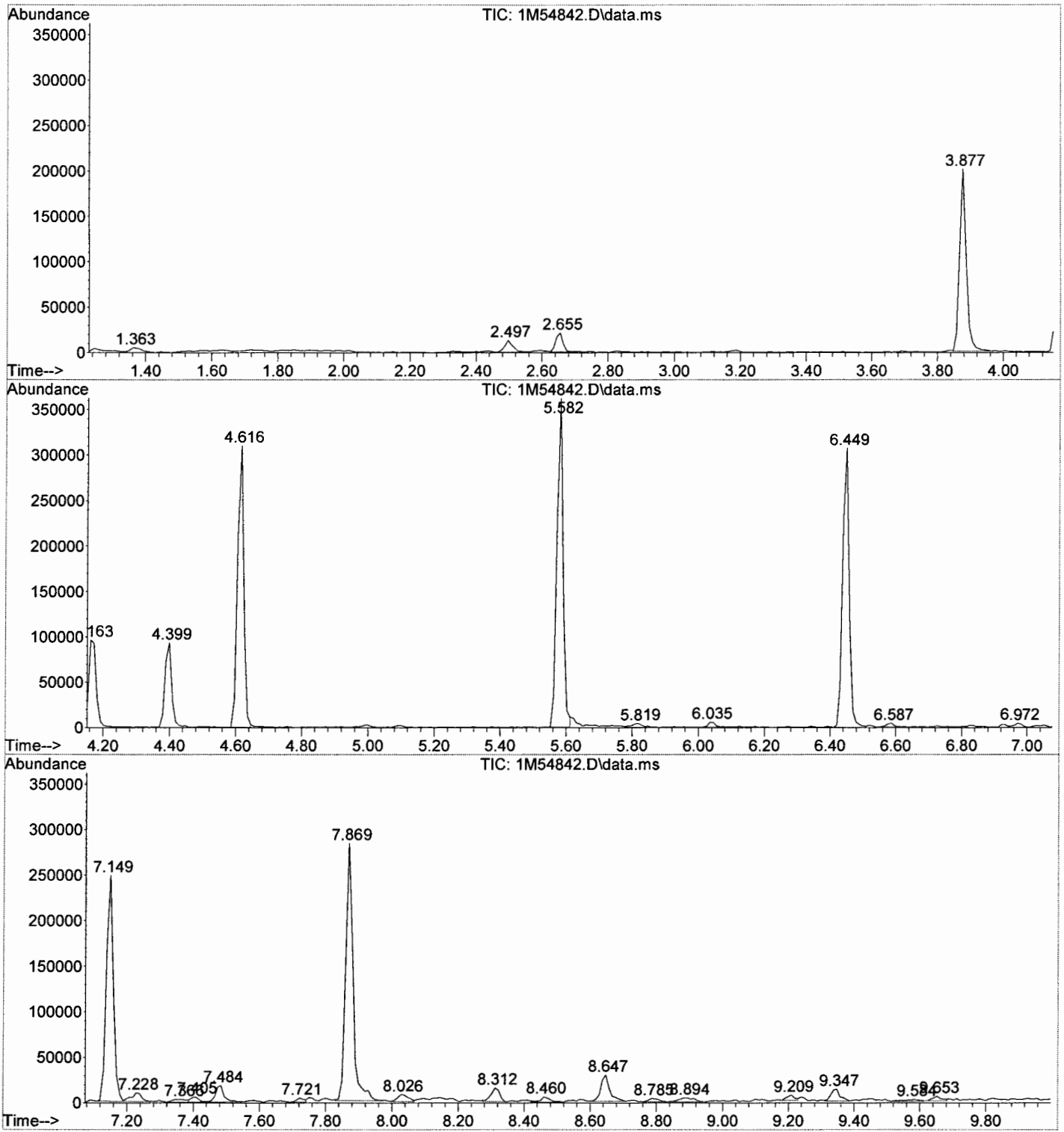
Sum of corrected areas: 2998394

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54842.D
Acq On : 8 Mar 2010 14:05
Operator : WP
Sample : AC50108-004
Misc : S,5G!5
ALS Vial : 52 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54842.D
Acq On : 8 Mar 2010 14:05
Operator : WP
Sample : AC50108-004
Misc : S,5G!5
ALS Vial : 52 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

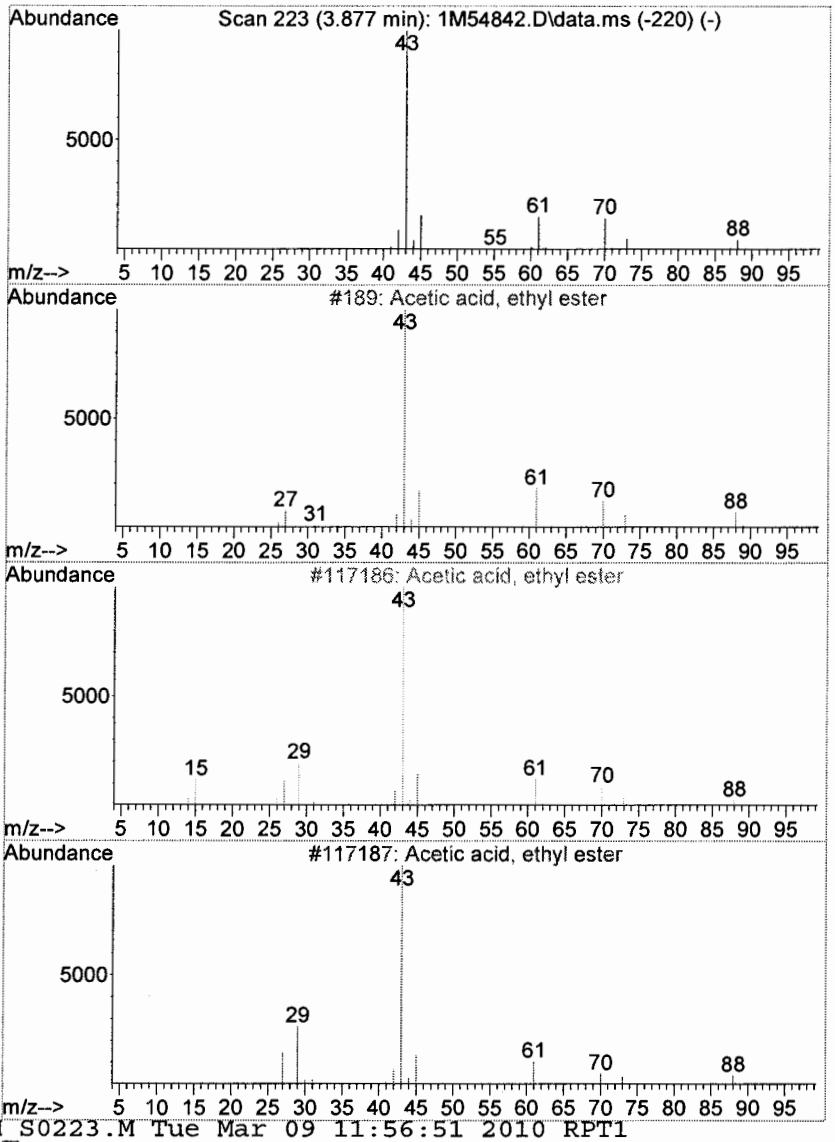
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

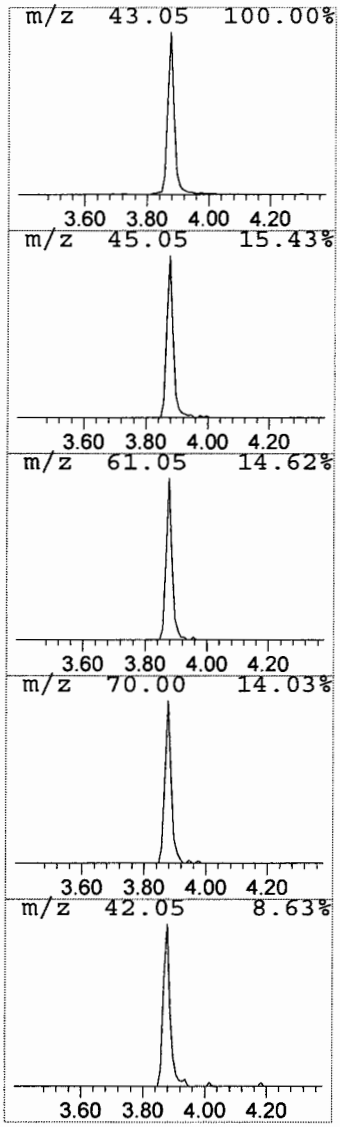
****

Peak Number 1 Acetic acid, ethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	21.53 ug/l	286418	LibIS-Fluorobenzene	4.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	64
2	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	90
3	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	86
4	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	86
5	Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	9





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54842.D
Acq On : 8 Mar 2010 14:05
Operator : WP
Sample : AC50108-004
Misc : S,5G!5
ALS Vial : 52 Sample Multiplier: 1

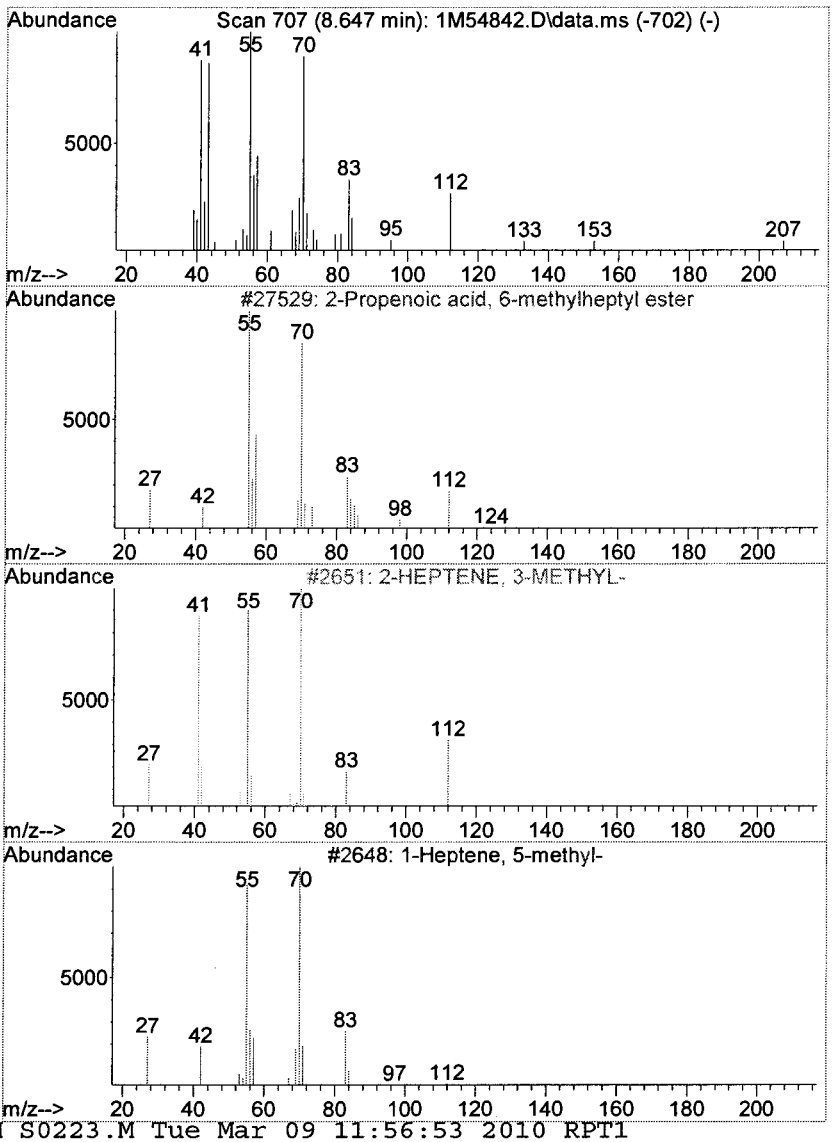
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

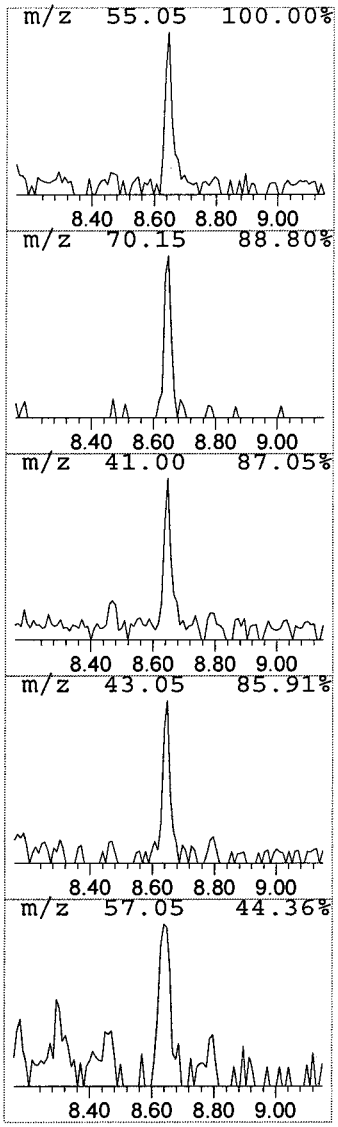
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Propenoic acid, 6-methylh... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.65 ug/l	53930	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	59
2	2-HEPTENE, 3-METHYL-	112	C8H16	000000-00-0	58
3	1-Heptene, 5-methyl-	112	C8H16	013151-04-7	59
4	2-HEXENE, 3,5-DIMETHYL-	112	C8H16	000000-00-0	47
5	4-Octene, (E)-	112	C8H16	014850-23-8	46





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54842.D
Acq On : 8 Mar 2010 14:05
Operator : WP
Sample : AC50108-004
Misc : S,5G!5
ALS Vial : 52 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
Acetic acid, ethy...	3.88	21.5	ug/l	286418	1	4.62	4.62	399112	30.0
2-Propenoic acid,...	8.65	3.7	ug/l	53930	3	7.87	7.87	443227	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50108-005
Client Id: PI-01-TP-RAN3030210S01
Data File: 2M49903.D
Analysis Date: 03/09/10 09:04
Date Rec/Extracted: 03/04/10-NA
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Methanol
Extraction Ratio: 5.08g:10ml
Final Vol: NA
Dilution: 98.4
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.17	U	56-23-5	Carbon Tetrachloride	0.17	U
79-34-5	1,1,2,2-Tetrachloroethane	0.17	U	108-90-7	Chlorobenzene	0.17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.85	U	75-00-3	Chloroethane	0.17	U
79-00-5	1,1,2-Trichloroethane	0.17	U	67-66-3	Chloroform	0.17	U
75-34-3	1,1-Dichloroethane	0.17	U	74-87-3	Chloromethane	0.17	U
75-35-4	1,1-Dichloroethene	0.17	U	156-59-2	cis-1,2-Dichloroethene	0.17	U
96-18-4	1,2,3-Trichloropropane	0.17	U	10061-01-5	cis-1,3-Dichloropropene	0.17	U
95-63-6	1,2,4-Trimethylbenzene	0.17	U	124-48-1	Dibromochloromethane	0.17	U
95-50-1	1,2-Dichlorobenzene	0.17	U	75-71-8	Dichlorodifluoromethane	0.17	U
107-06-2	1,2-Dichloroethane	0.085	U	100-41-4	Ethylbenzene	0.17	U
78-87-5	1,2-Dichloropropane	0.17	U	**98-82-8**	**Isopropylbenzene**	**0.17**	**0.22**
108-67-8	1,3,5-Trimethylbenzene	0.17	U	136777612	m&p-Xylenes	0.17	U
541-73-1	1,3-Dichlorobenzene	0.17	U	75-09-2	Methylene Chloride	0.17	U
142-28-9	1,3-Dichloropropane	0.17	U	1634-04-4	Methyl-t-butyl ether	0.085	U
106-46-7	1,4-Dichlorobenzene	0.17	U	**104-51-8**	**n-Butylbenzene**	**0.17**	**0.18**
123-91-1	1,4-Dioxane	8.5	U	**103-65-1**	**n-Propylbenzene**	**0.17**	**0.21**
78-93-3	2-Butanone	0.17	U	95-47-6	o-Xylene	0.17	U
110-75-8	2-Chloroethylvinylether	0.17	U	135-98-8	sec-Butylbenzene	0.17	U
591-78-6	2-Hexanone	0.17	U	100-42-5	Styrene	0.17	U
99-87-6	4-Isopropyltoluene	0.17	U	75-65-0	t-Butyl Alcohol	0.85	U
108-10-1	4-Methyl-2-Pentanone	0.17	U	98-06-6	t-Butylbenzene	0.17	U
67-64-1	Acetone	0.85	U	127-18-4	Tetrachloroethene	0.17	U
107-02-8	Acrolein	0.85	U	108-88-3	Toluene	0.17	U
107-13-1	Acrylonitrile	0.85	U	156-60-5	trans-1,2-Dichloroethene	0.17	U
71-43-2	Benzene	0.085	U	10061-02-6	trans-1,3-Dichloropropene	0.17	U
75-27-4	Bromodichloromethane	0.17	U	79-01-6	Trichloroethene	0.17	U
75-25-2	Bromoform	0.17	U	75-69-4	Trichlorofluoromethane	0.17	U
74-83-9	Bromomethane	0.17	U	75-01-4	Vinyl Chloride	0.17	U
75-15-0	Carbon Disulfide	0.17	U	1330-20-7	Xylenes (Total)	0.17	U

Worksheet #: 144620

Total Target Concentration 0.61

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-005
Client Id: PI-01-TP-RAN3030210
Data File: 2M49903.D
Analysis Date: 03/09/10 09:04
Date Rec/Extracted: 03/04/10-NA

Matrix: Methanol
Extraction Ratio: 5.08g:10ml
Final Vol: NA
Dilution: 98.4
Solids: 58
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.12	1.7 J
2	488-23-3	Benzene, 1,2,3,4-tetramethyl-	8.59	1.7 J
3	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	8.80	2.3 J
4	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	8.91	3.2 J
5		unknown	9.12	1.7 J
6	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.37	3.1 J
7	2613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trimethyl-	9.51	2.4 J
8	4175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,4-dim	9.62	1.6 J
9	90-12-0	Naphthalene, 1-methyl-	9.77	7.1 J
10	91-57-6	Naphthalene, 2-methyl-	9.90	5.4 J

Worksheet #: 144620

Total Tentativelv Identified Concentration 30

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

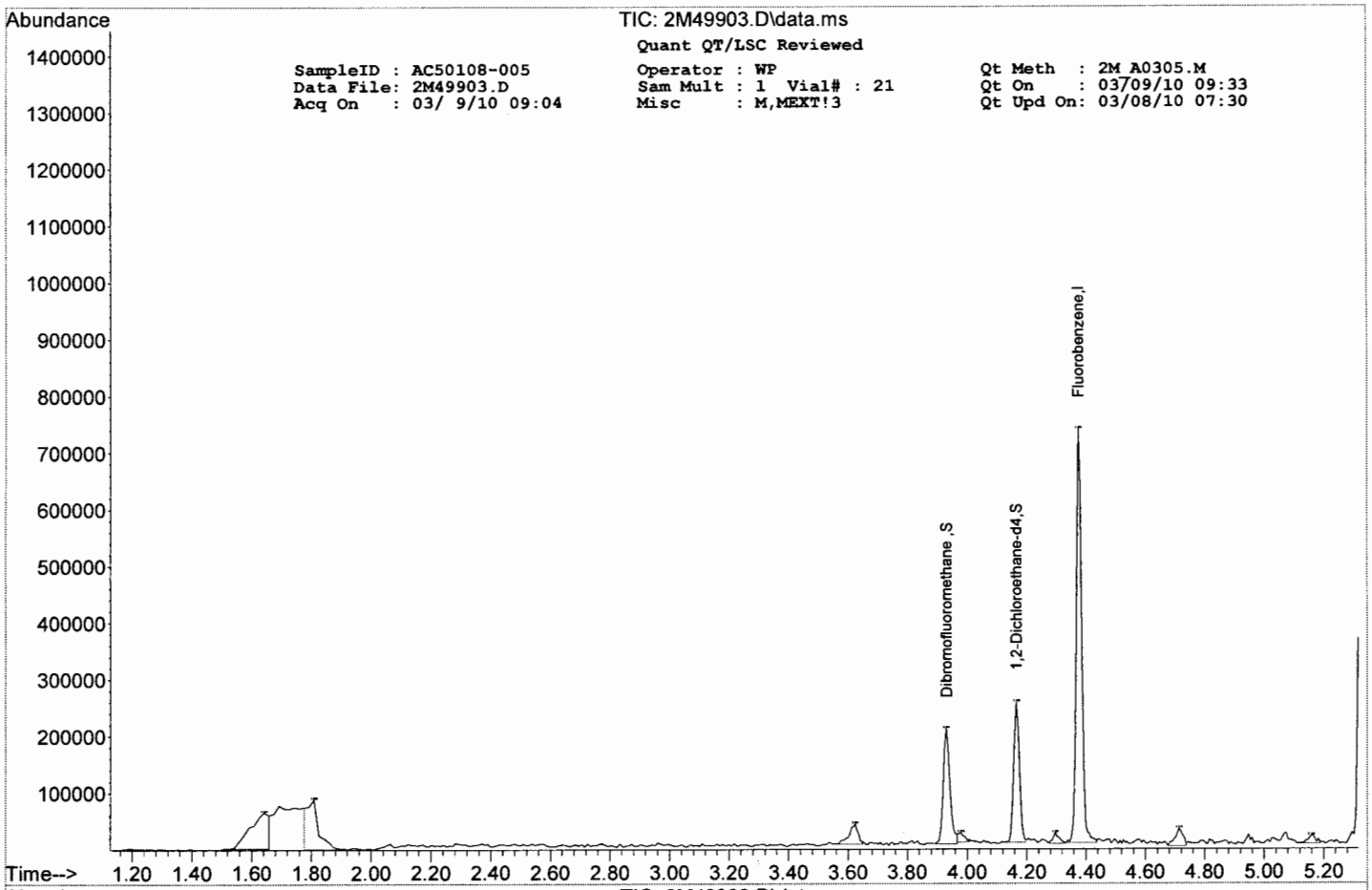
SampleID : AC50108-005 Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49903.D Sam Mult : 1 Vial# : 21 Qt On : 03/09/10 09:33
Acq On : 03/ 9/10 09:04 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

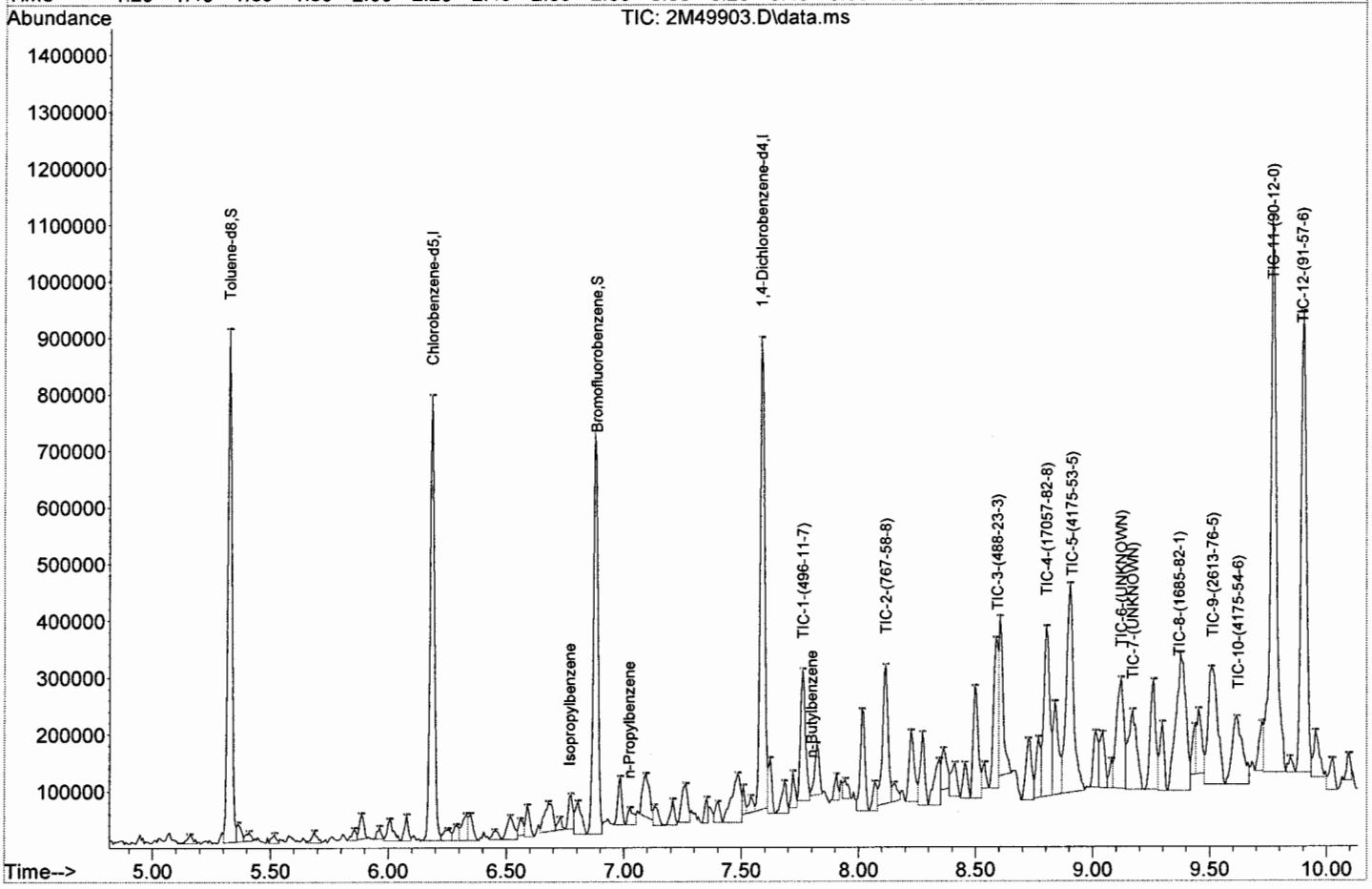
Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

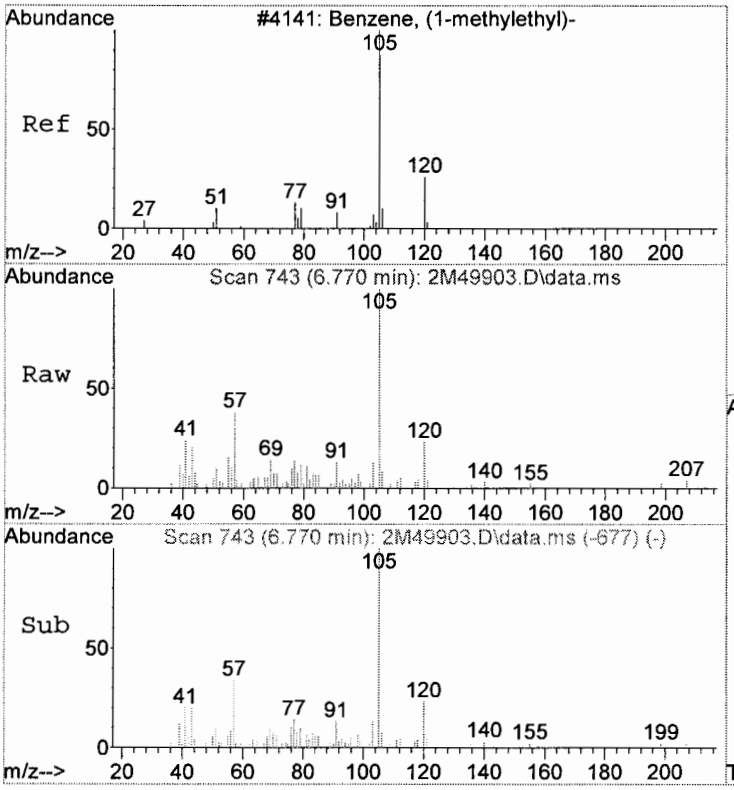
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.376	96	408696	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	329853	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	206238	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	89094	25.32	ug/l	0.00
Spiked Amount 30.000			Recovery =	84.40%		
35) 1,2-Dichloroethane-d4	4.165	102	28295	31.33	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.43%		
59) Toluene-d8	5.326	100	266849	29.86	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.53%		
67) Bromofluorobenzene	6.884	174	180240	29.04	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.80%		
Target Compounds						Qvalue
75) Isopropylbenzene	6.770	105	21529	1.32	ug/l	95
81) n-Propylbenzene	7.022	91	22637	1.21	ug/l	99
88) n-Butylbenzene	7.798	91	13130m	1.07	ug/l	
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.376		921276	30.00	ug/l	--
2) Chlorobenzene-d5	6.186		1003870	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.588		1220660	30.00	ug/l	--
Library Search Compounds						
1) 496-11-7	7.760		335630	8.25	ug/l	47
2) 767-58-8	8.120		405718	9.97	ug/l	76
3) 488-23-3	8.590		410715	10.09	ug/l	87
4) 17057-82-8	8.800		545154	13.40	ug/l	50
5) 4175-53-5	8.910		777625	19.11	ug/l	87
6) UNKNOWN	9.120		418355	10.28	ug/l	--
7) UNKNOWN	9.170		342862	8.43	ug/l	--
8) 1685-82-1	9.370		735748	18.08	ug/l	76
9) 2613-76-5	9.510		583534	14.34	ug/l	93
10) 4175-54-6	9.620		377450	9.28	ug/l	52
11) 90-12-0	9.770		1696443	41.69	ug/l	94
12) 91-57-6	9.900		1293976	31.80	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

16


Abundance
TIC: 2M49903.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-005
Data File: 2M49903.D
Acq On : 03/ 9/10 09:04
Operator : WP
Sam Mult : 1 Vial# : 21
Misc : M,MEXT!3
Qt Meth : 2M_A0305.M
Qt On : 03/09/10 09:33
Qt Upd On: 03/08/10 07:30
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Time-->

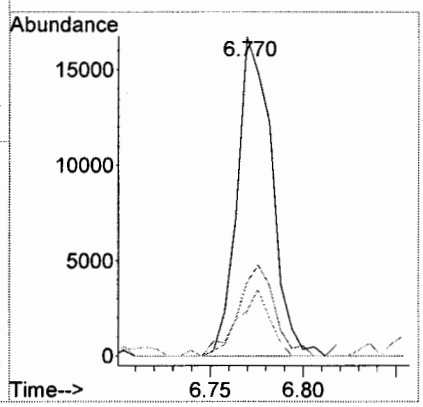

Abundance
TIC: 2M49903.D\data.ms
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Isopropylbenzene
n-Propylbenzene
TIC-1-(496-11-7)
n-Butylbenzene
TIC-2-(767-58-8)
TIC-3-(488-23-3)
TIC-4-(17057-82-8)
TIC-5-(4175-53-5)
TIC-6-(UNKNOWN)
TIC-7-(UNKNOWN)
TIC-8-(1685-82-1)
TIC-9-(2613-76-5)
TIC-10-(4175-54-6)
TIC-11-(90-12-0)
TIC-12-(91-57-6)
Time-->

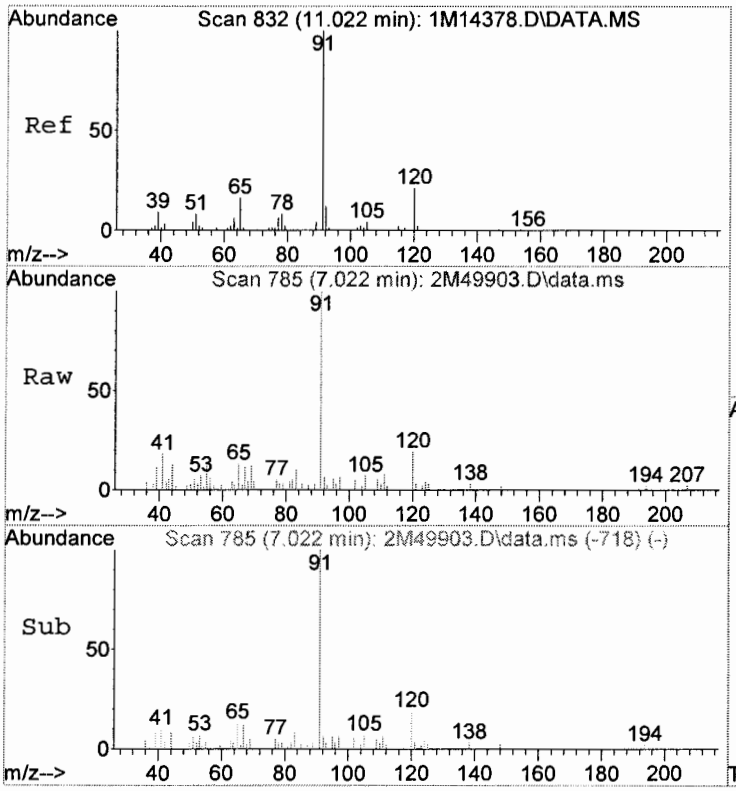


#75
Isopropylbenzene
Concen: 1.32 ug/l
RT: 6.770 min Scan# 743
Delta R.T. -0.001 min
Lab File: 2M49903.D
Acq: 9 Mar 2010 9:04

Tgt Ion:105 Resp: 21529

Ion	Ratio	Lower	Upper
105	100		
120	30.2	0.0	66.9
77	19.4	0.0	58.3

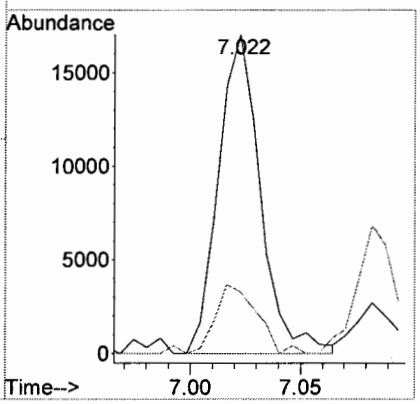


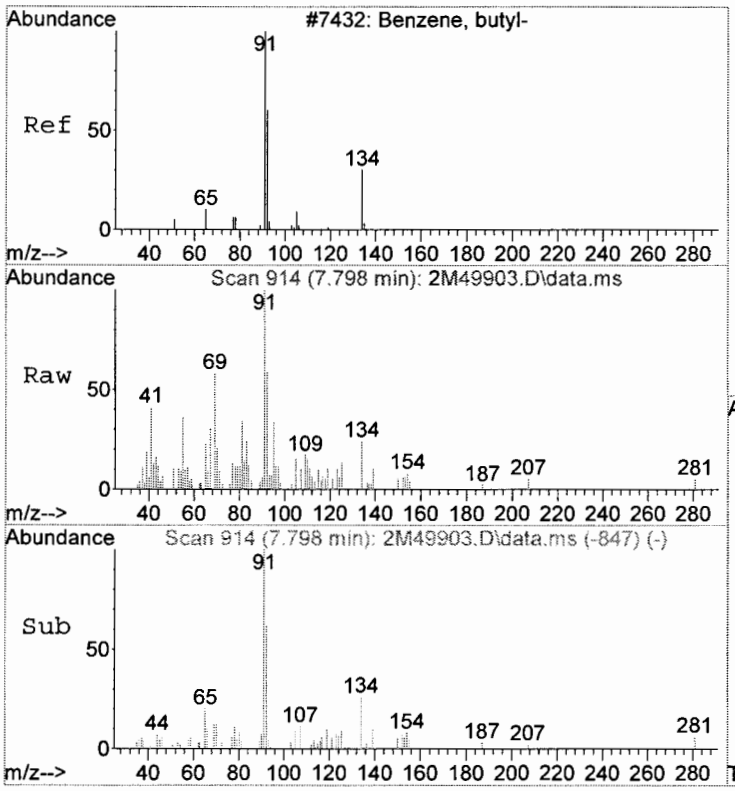


#81
n-Propylbenzene
Concen: 1.21 ug/l
RT: 7.022 min Scan# 785
Delta R.T. 0.005 min
Lab File: 2M49903.D
Acq: 9 Mar 2010 9:04

Tgt Ion: 91 Resp: 22637

Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	61.6

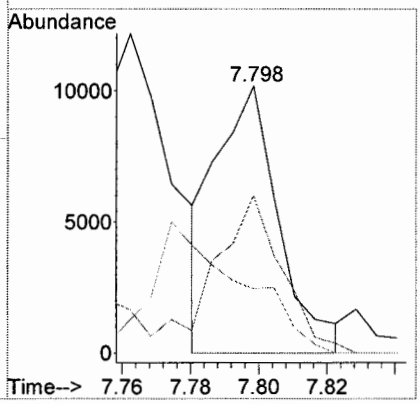




#88
n-Butylbenzene
Concen: 1.07 ug/l m
RT: 7.798 min Scan# 914
Delta R.T. 0.005 min
Lab File: 2M49903.D
Acq: 9 Mar 2010 9:04

Tgt Ion: 91 Resp: 13130

Ion	Ratio	Lower	Upper
91	100		
92	14.8	8.4	88.4
134	68.3	3.6	83.6



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 150 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260

Signal : TIC: 2M49903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.642	25	32	33	rBV5	63209	294089	17.34%	1.414%
2	1.808	40	42	49	rVB5	86747	221120	13.03%	1.063%
3	3.624	209	220	224	rBV	35040	75550	4.45%	0.363%
4	3.931	264	271	277	rBV	202829	314365	18.53%	1.512%
5	3.979	277	279	285	rVB6	15510	23521	1.39%	0.113%
6	4.165	305	310	315	rBV	247321	319836	18.85%	1.538%
7	4.297	328	332	338	rBV7	18429	26540	1.56%	0.128%
8	4.376	338	345	355	rBV	730236	921276	54.31%	4.430%
9	4.713	395	401	405	rBV5	30477	57042	3.36%	0.274%
10	5.158	467	475	480	rBV6	14463	29503	1.74%	0.142%
11	5.326	499	503	508	rVV	903392	1078629	63.58%	5.186%
12	5.362	508	509	513	rVV4	31065	39211	2.31%	0.189%
13	5.410	513	517	520	rVB6	14770	24265	1.43%	0.117%
14	5.519	531	535	538	rBV3	14951	21361	1.26%	0.103%
15	5.687	557	563	568	rVB5	18558	30099	1.77%	0.145%
16	5.855	586	591	593	rBV2	18720	26702	1.57%	0.128%
17	5.886	593	596	600	rVB3	42320	57895	3.41%	0.278%
18	5.964	605	609	612	rBV3	20286	23345	1.38%	0.112%
19	6.006	612	616	624	rVB6	36577	67270	3.97%	0.323%
20	6.078	624	628	631	rBV2	44138	49198	2.90%	0.237%
21	6.186	640	646	652	rBV	783041	998962	58.89%	4.803%
22	6.252	652	657	660	rVV6	18821	44103	2.60%	0.212%
23	6.289	660	663	665	rVV3	25863	40550	2.39%	0.195%
24	6.331	665	670	671	rVV4	45147	77639	4.58%	0.373%
25	6.349	671	673	679	rVB4	45370	57413	3.38%	0.276%
26	6.451	686	690	695	rVB6	15486	29076	1.71%	0.140%
27	6.517	695	701	706	rBV6	40806	90415	5.33%	0.435%
28	6.559	706	708	711	rVV2	27590	39974	2.36%	0.192%
29	6.589	711	713	718	rVB2	54293	64909	3.83%	0.312%
30	6.680	722	728	733	rVV6	50973	129111	7.61%	0.621%
31	6.728	733	736	740	rVV6	20153	26574	1.57%	0.128%
32	6.776	740	744	746	rVV2	60060	80598	4.75%	0.388%
33	6.806	746	749	755	rVB6	56664	102730	6.06%	0.494%
34	6.878	755	761	766	rBV	708278	934144	55.06%	4.492%
35	6.986	774	779	782	rBV2	82904	98848	5.83%	0.475%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 150 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260

36	7.028	782	786	790	rBV4	27631	51891	3.06%	0.250%
37	7.095	793	797	802	rBV7	71594	152158	8.97%	0.732%
38	7.131	802	803	810	rVB6	34248	46760	2.76%	0.225%
39	7.209	811	816	819	rBV5	44078	53499	3.15%	0.257%
40	7.263	819	825	828	rBV3	66064	120864	7.12%	0.581%
41	7.353	836	840	841	rBV4	43267	44963	2.65%	0.216%
42	7.401	845	848	851	rVB4	35059	48169	2.84%	0.232%
43	7.486	851	862	865	rBV6	85208	238526	14.06%	1.147%
44	7.510	865	866	868	rVV2	49504	31428	1.85%	0.151%
45	7.540	868	871	874	rVV3	28169	38255	2.26%	0.184%
46	7.588	874	879	883	rVV	831585	1102321	64.98%	5.300%
47	7.624	883	885	889	rVB2	96421	95638	5.64%	0.460%
48	7.684	889	895	898	rBV5	55642	86905	5.12%	0.418%
49	7.720	898	901	904	rBV4	62368	64915	3.83%	0.312%
50	7.762	904	908	913	rBV	229626	335630	19.78%	1.614%
51	7.822	913	918	922	rVV7	88013	124355	7.33%	0.598%
52	7.907	929	932	934	rBV3	44515	50193	2.96%	0.241%
53	7.943	936	938	943	rVB3	33738	47777	2.82%	0.230%
54	8.015	946	950	955	rVB	177662	244720	14.43%	1.177%
55	8.069	955	959	961	rBV4	50105	69131	4.08%	0.332%
56	8.117	961	967	971	rVV2	245555	405718	23.92%	1.951%
57	8.153	971	973	977	rVV5	32166	49166	2.90%	0.236%
58	8.226	981	985	990	rBV6	124443	204915	12.08%	0.985%
59	8.274	990	993	997	rVB	126805	160491	9.46%	0.772%
60	8.346	997	1005	1006	rBV5	80202	161447	9.52%	0.776%
61	8.364	1006	1008	1012	rVV3	69866	110843	6.53%	0.533%
62	8.412	1012	1016	1020	rVB5	57569	95539	5.63%	0.459%
63	8.454	1020	1023	1027	rVB3	61411	82491	4.86%	0.397%
64	8.496	1027	1030	1035	rBV2	197074	311544	18.36%	1.498%
65	8.538	1035	1037	1040	rVB4	44110	42477	2.50%	0.204%
66	8.586	1040	1045	1047	rBV	263092	410715	24.21%	1.975%
67	8.604	1047	1048	1056	rVB2	274735	293521	17.30%	1.411%
68	8.725	1063	1068	1072	rBV5	106718	192355	11.34%	0.925%
69	8.767	1072	1075	1077	rVV2	106066	149357	8.80%	0.718%
70	8.803	1077	1081	1085	rVV2	298015	545154	32.14%	2.621%
71	8.839	1085	1087	1092	rVV2	162702	269470	15.88%	1.296%
72	8.905	1092	1098	1108	rVB3	363408	777625	45.84%	3.739%
73	9.014	1112	1116	1118	rBV3	97714	149821	8.83%	0.720%
74	9.044	1118	1121	1124	rVV4	96762	144210	8.50%	0.693%
75	9.080	1124	1127	1128	rVV2	49411	52702	3.11%	0.253%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 150 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260

76	9.122	1128	1134	1137	rVV5	193719	418355	24.66%	2.012%
77	9.170	1137	1142	1150	rVB7	138773	342862	20.21%	1.649%
78	9.260	1151	1157	1160	rBV2	192600	318594	18.78%	1.532%
79	9.296	1160	1163	1167	rVB3	120070	154824	9.13%	0.744%
80	9.374	1167	1176	1183	rBV5	240859	735748	43.37%	3.538%
81	9.435	1183	1186	1187	rVV3	87183	101791	6.00%	0.489%
82	9.453	1187	1189	1193	rVV4	112762	162310	9.57%	0.780%
83	9.507	1193	1198	1208	rVB5	205131	583534	34.40%	2.806%
84	9.615	1208	1216	1225	rBV9	117734	377450	22.25%	1.815%
85	9.723	1229	1234	1235	rBV4	85754	117723	6.94%	0.566%
86	9.771	1235	1242	1251	rVB	981453	1696443	100.00%	8.157%
87	9.844	1251	1254	1258	rVB6	26516	37007	2.18%	0.178%
88	9.904	1258	1264	1269	rBV	812299	1293976	76.28%	6.222%
89	9.952	1269	1272	1280	rVB4	81428	140576	8.29%	0.676%
90	10.024	1280	1284	1288	rVB6	53653	83456	4.92%	0.401%
91	10.096	1292	1296	1298	rBV5	45820	59168	3.49%	0.284%

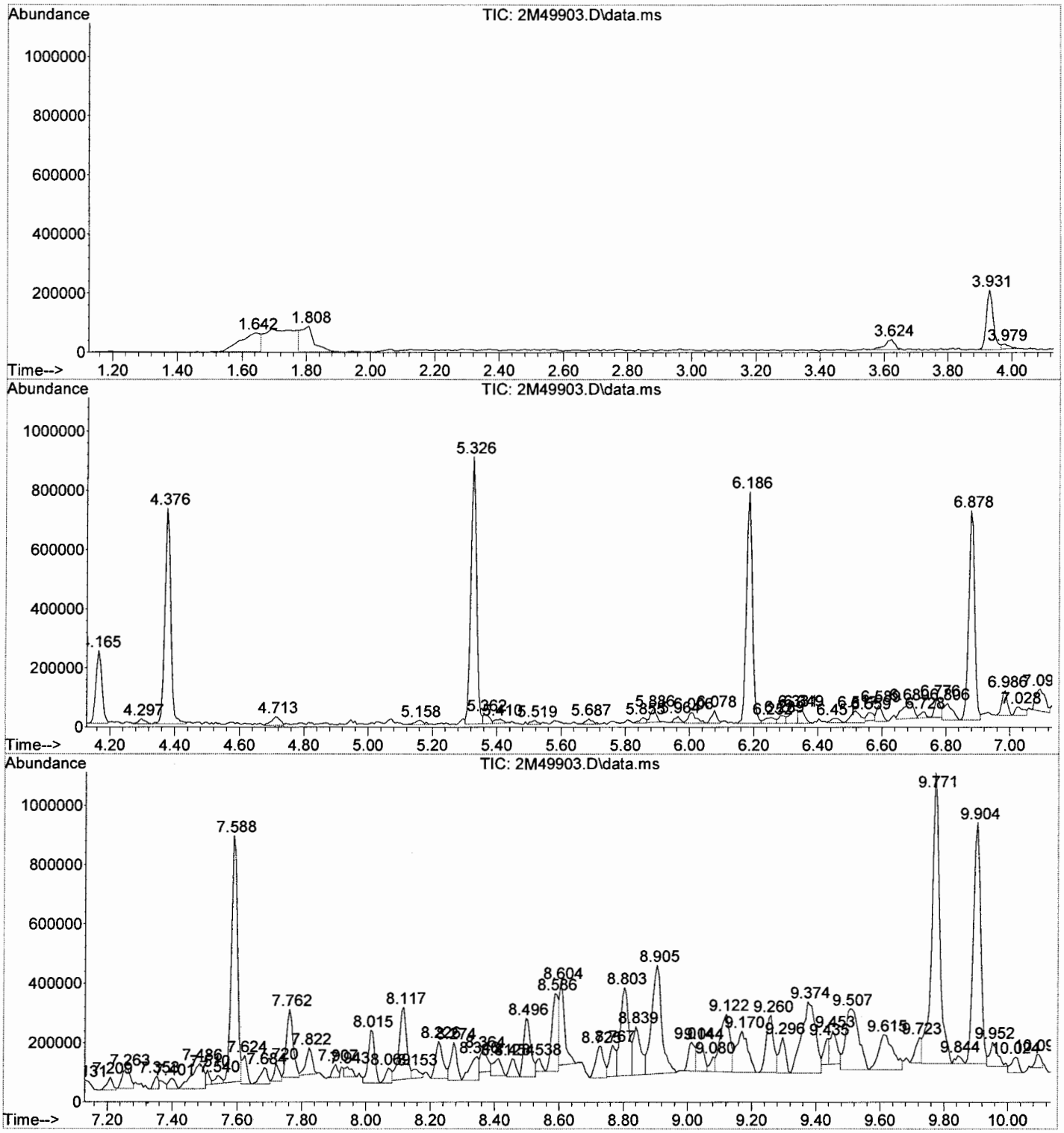
Sum of corrected areas: 20797339

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

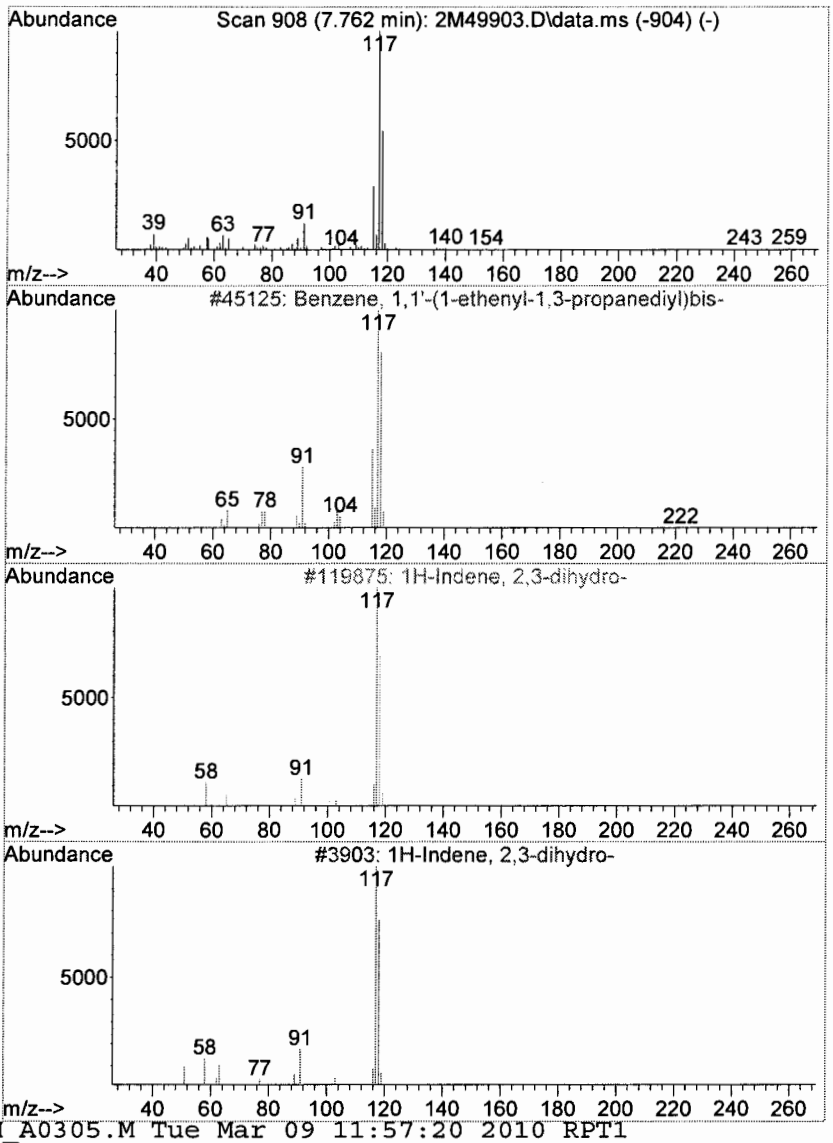
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

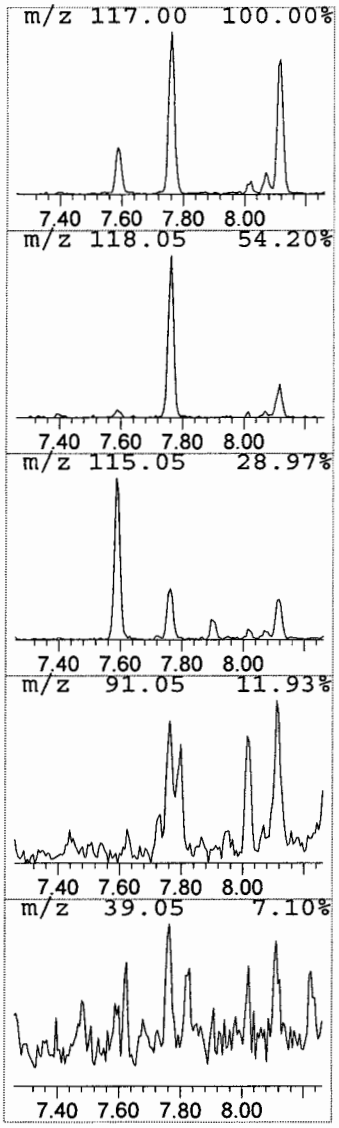
****

Peak Number 2 1H-Indene, 2,3-dihydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	8.25 ug/l	335630	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	16
2	1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	47
3	1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	53
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	10
5	1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	14





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Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

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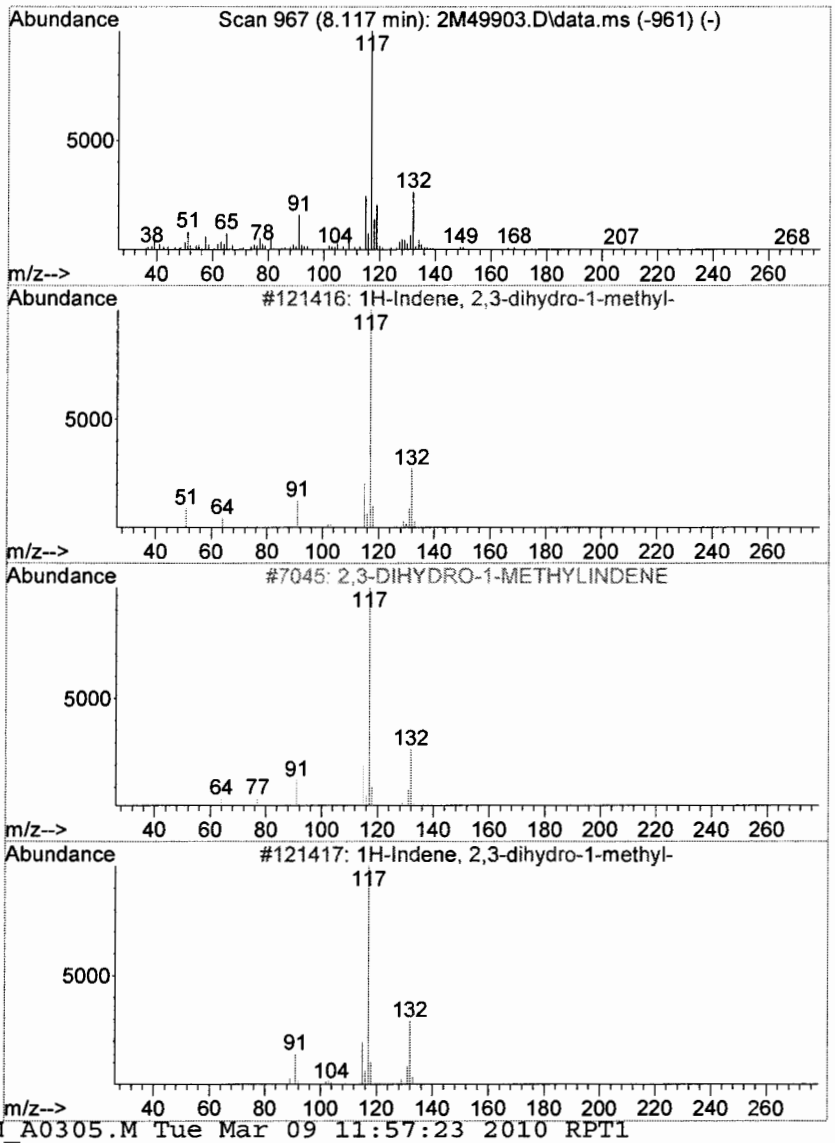
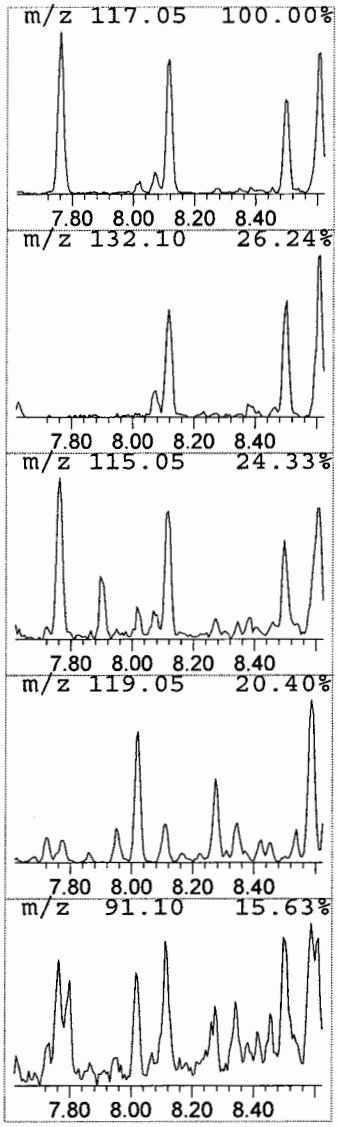
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	9.97 ug/l	405718	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	76
2	2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	74
3	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	62
4	1R-METHYL-2T-PHENYLCYCLOPROPANE	132	C10H12	005070-01-9	25
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	53





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Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

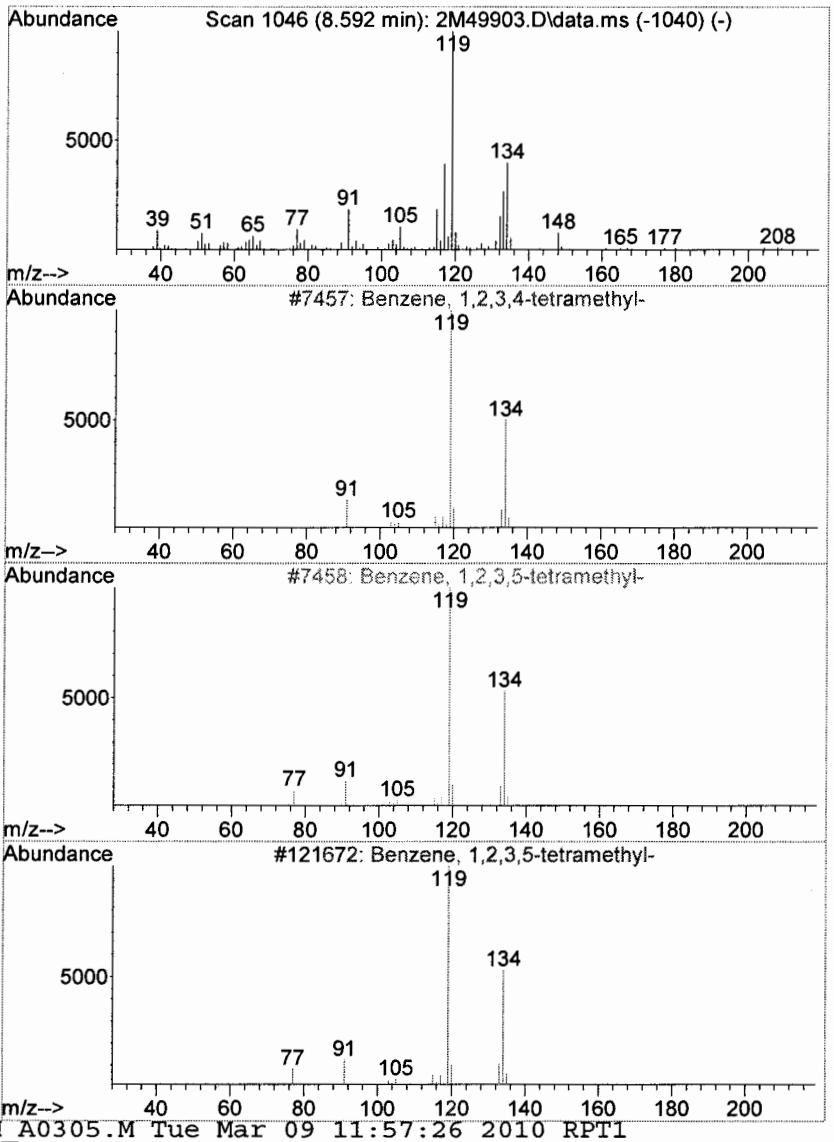
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

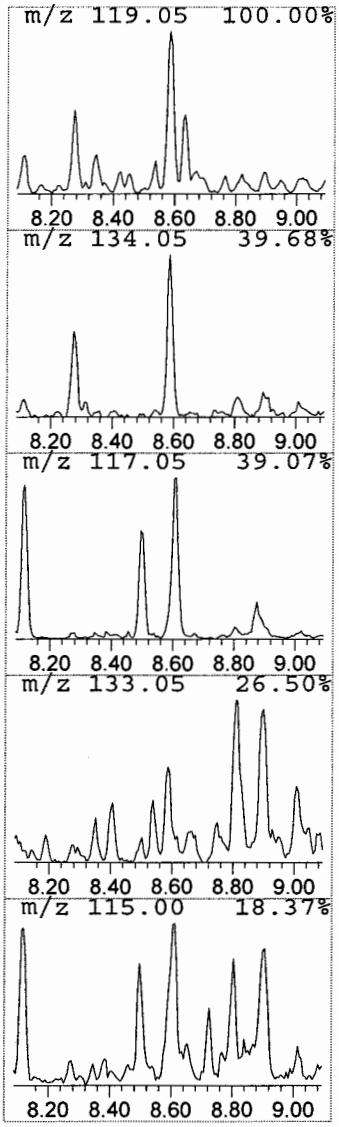
****

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	10.09 ug/l	410715	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5	5H-5-METHYL-6,7-DIHYDROCYCLOPENT...	134	C8H10N2	000000-00-0	64





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Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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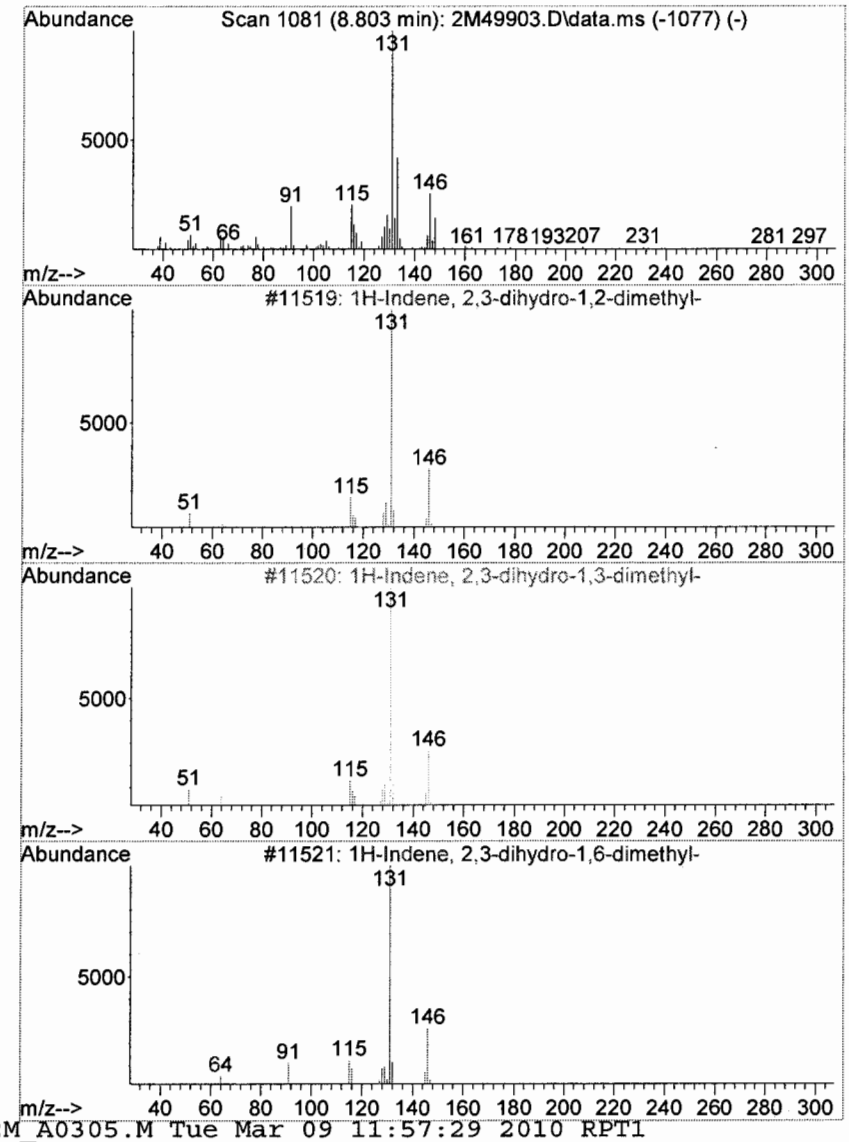
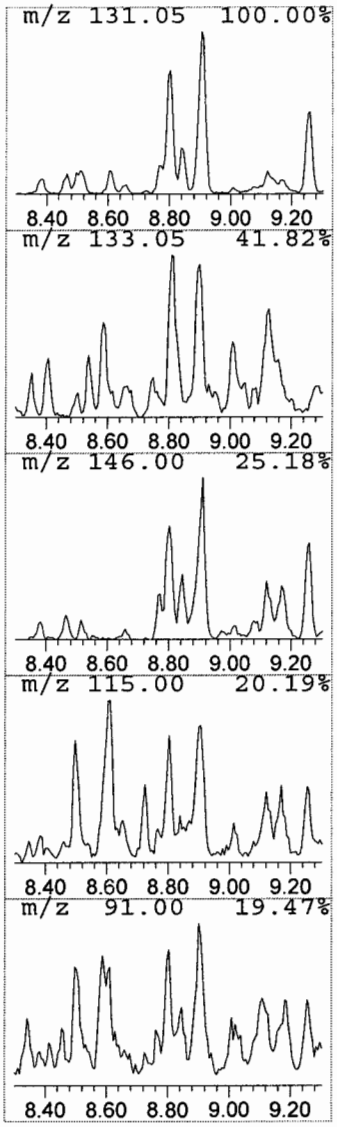
Peak Number 5 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	13.40 ug/l	545154	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	50
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	92
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58
5	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	62





Library Search Compound Report

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Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

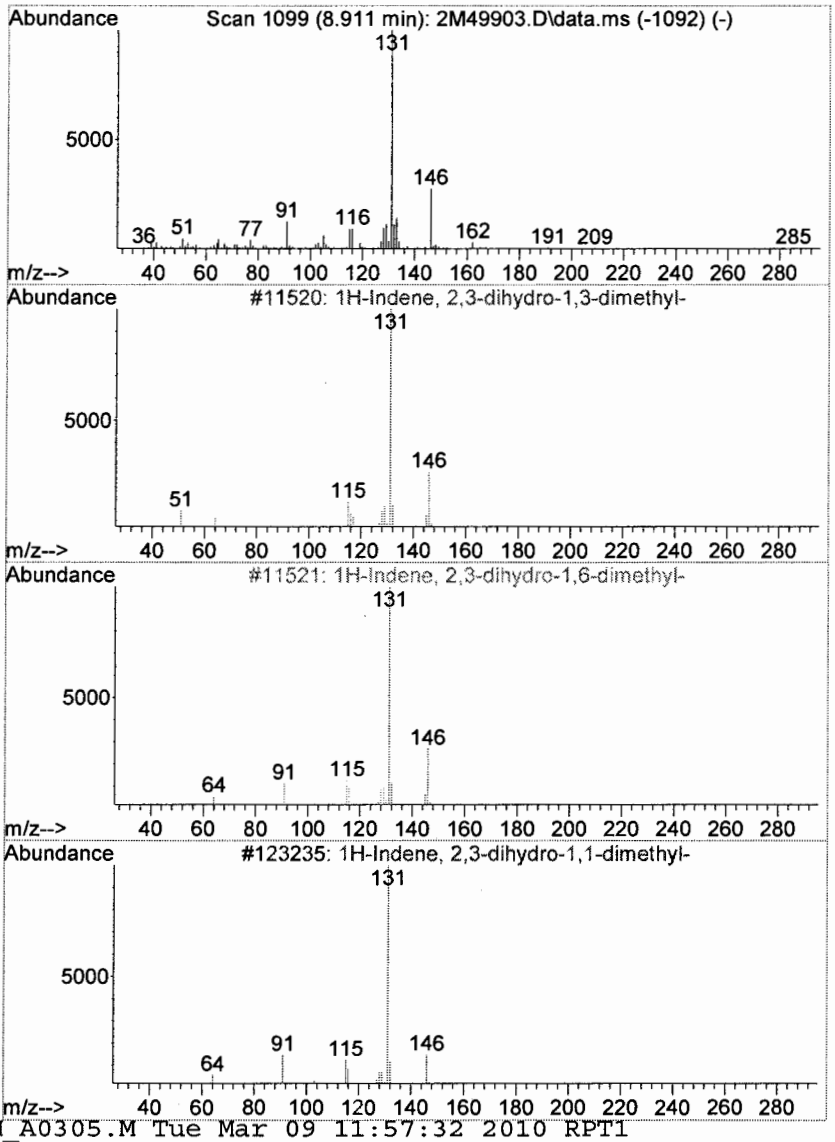
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

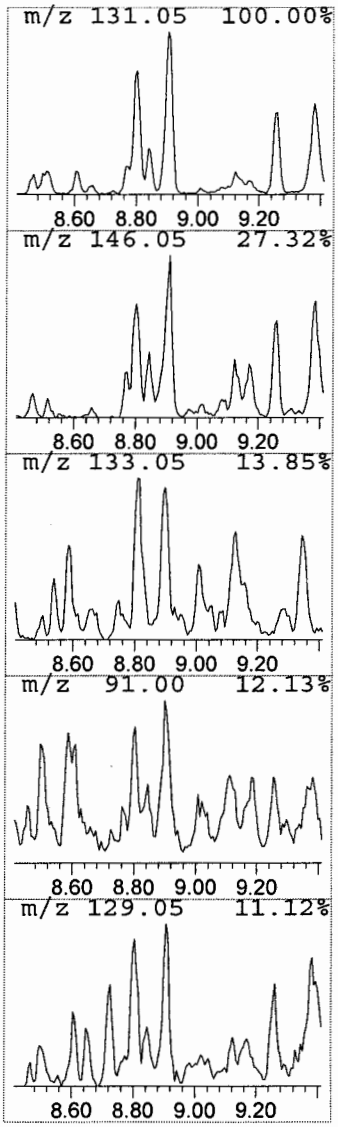
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	19.11 ug/l	777625	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	53
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53





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ALS Vial : 21 Sample Multiplier: 1

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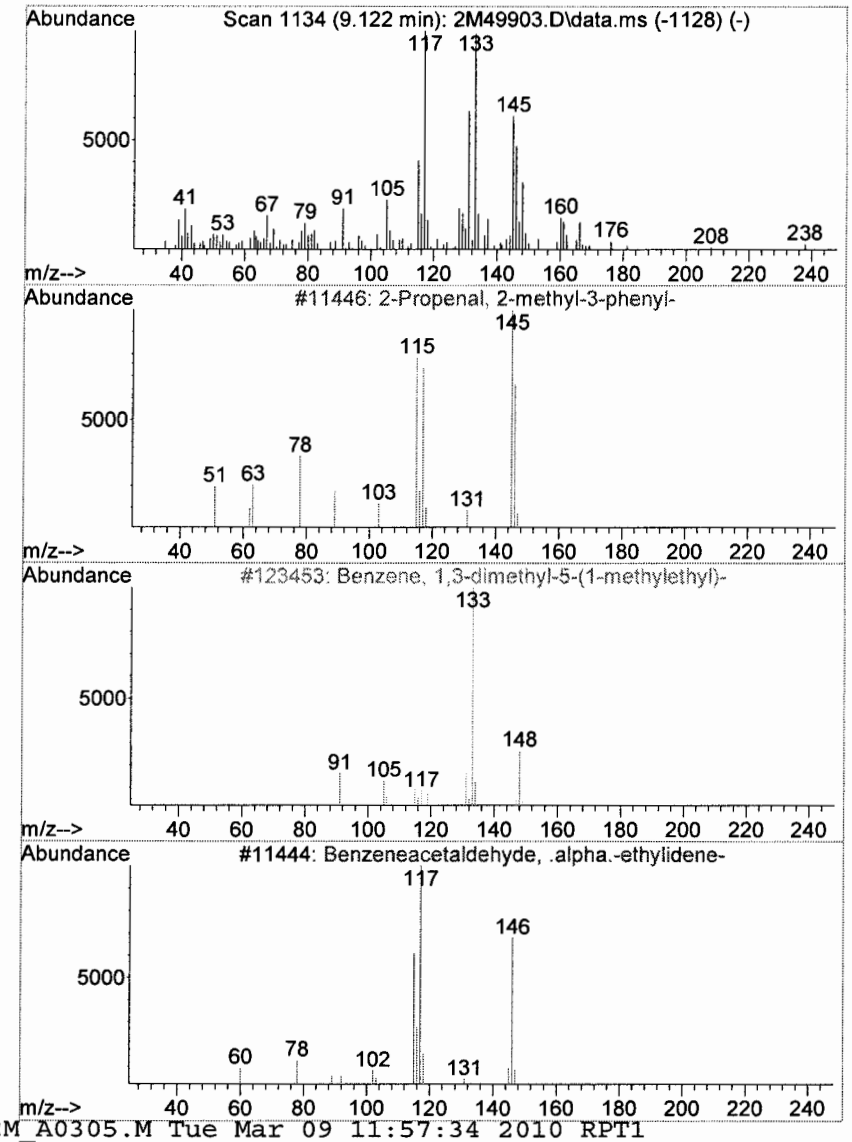
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

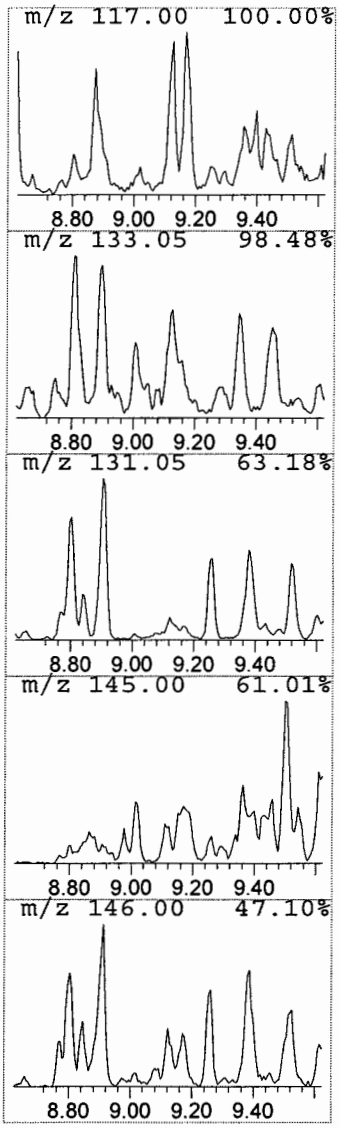
****

Peak Number 7 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	10.28 ug/l	418355	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	30
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	22
3	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	25
4	Benzeneacetaldehyde, .alpha.-eth...	146	C10H10O	004411-89-6	22
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	14





Library Search Compound Report

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Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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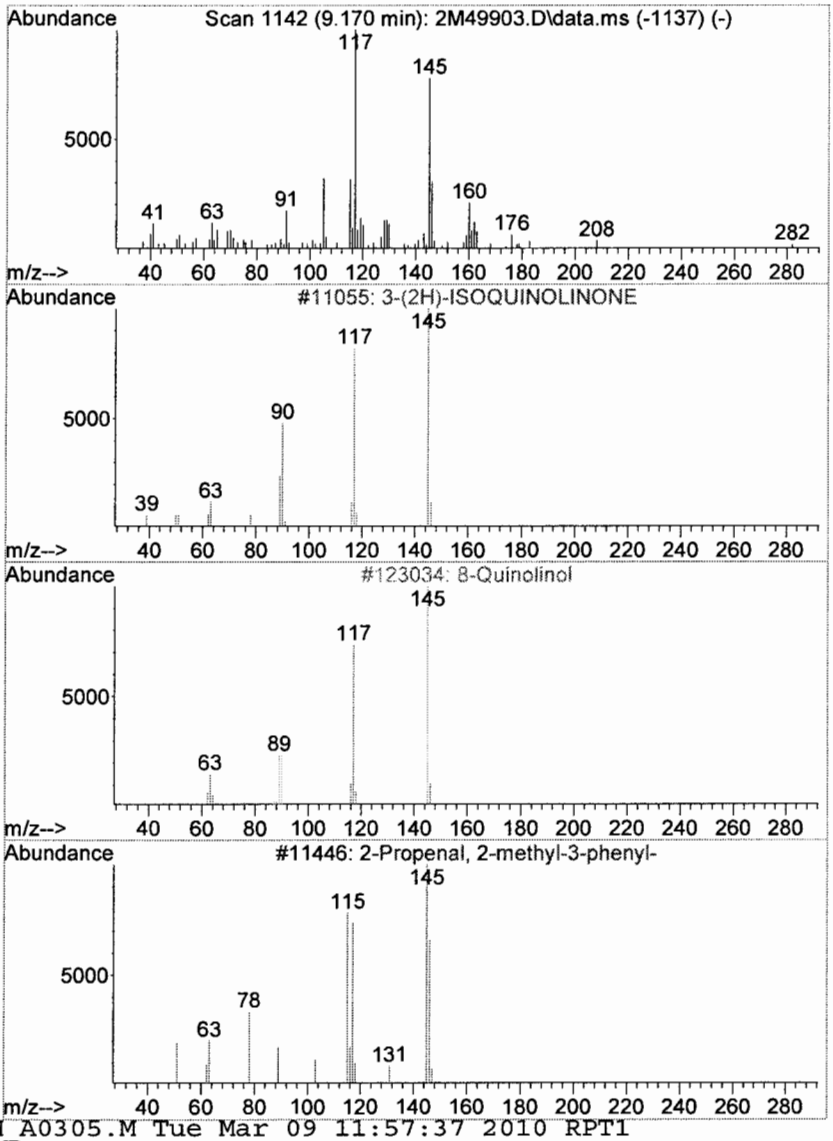
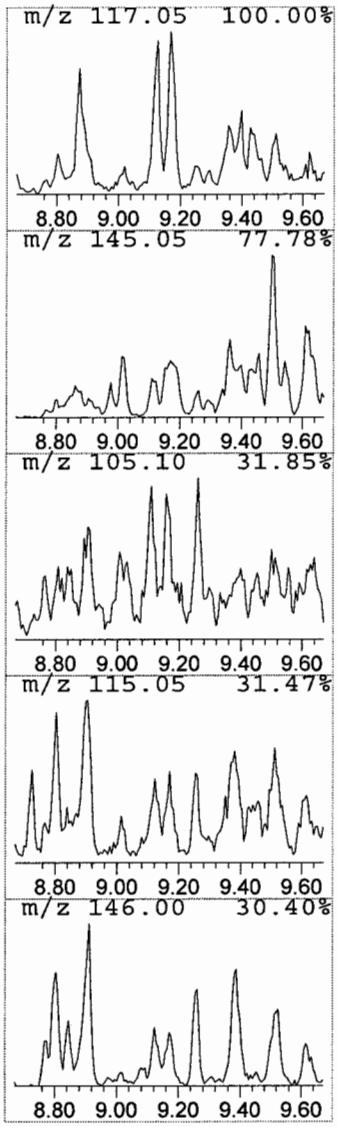
Peak Number 8 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	8.43 ug/l	342862	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2H)-ISOQUINOLINONE	145	C9H7NO	000000-00-0	38
2	8-Quinolinol	145	C9H7NO	000148-24-3	38
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	14
4	8-Quinolinol	145	C9H7NO	000148-24-3	27
5	2(1H)-Quinolinone	145	C9H7NO	000059-31-4	38





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Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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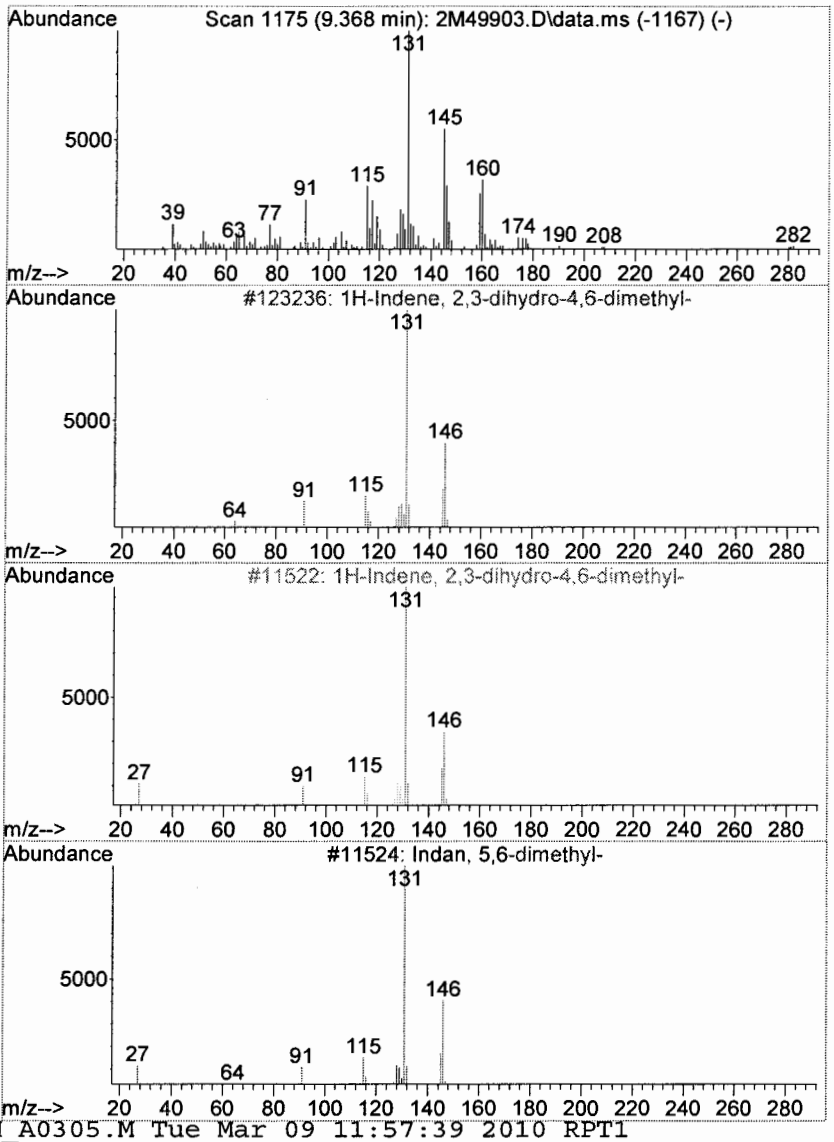
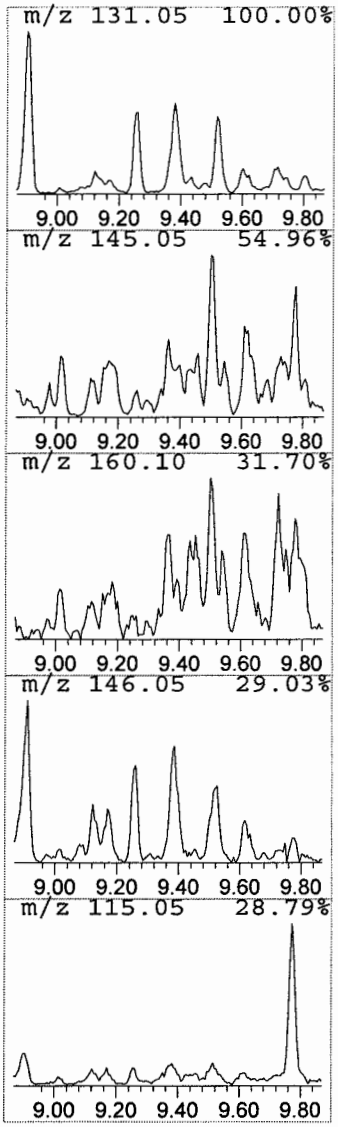
Peak Number 9 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	18.08 ug/l	735748	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	76
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	68
3	Indan, 5,6-dimethyl-	146	C11H14	001075-22-5	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68





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ALS Vial : 21 Sample Multiplier: 1

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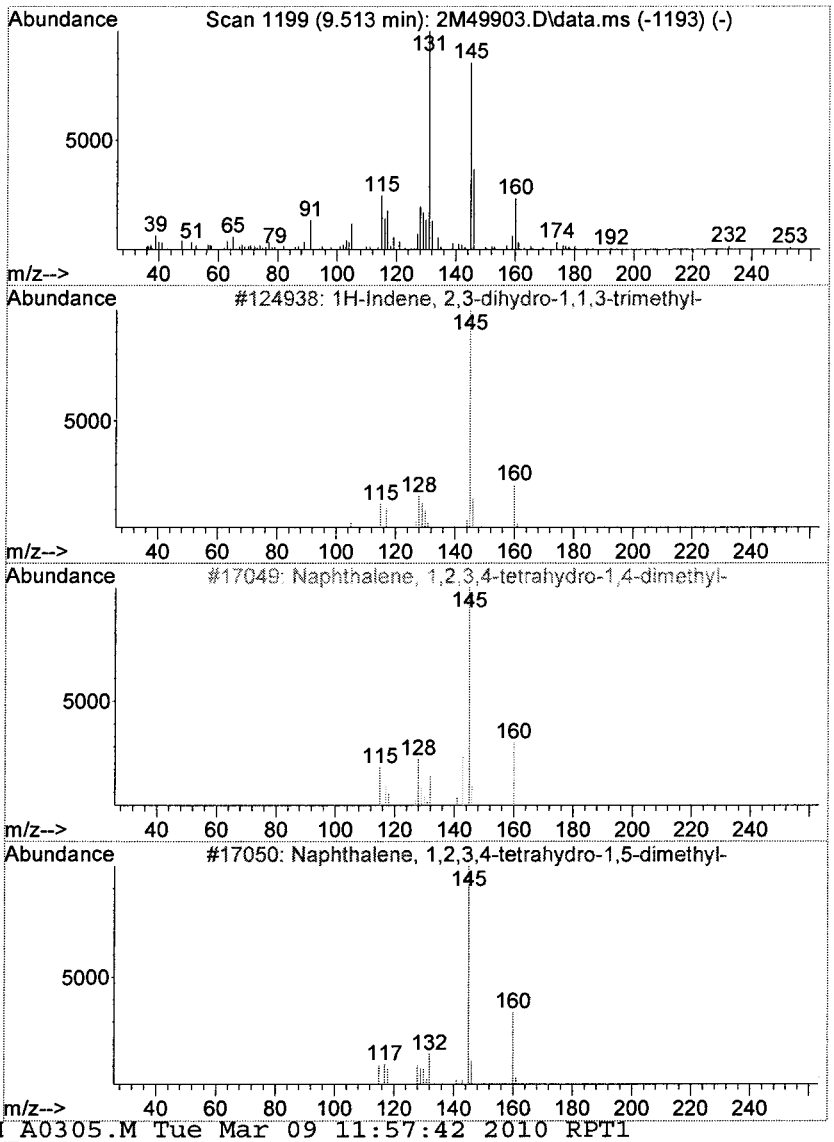
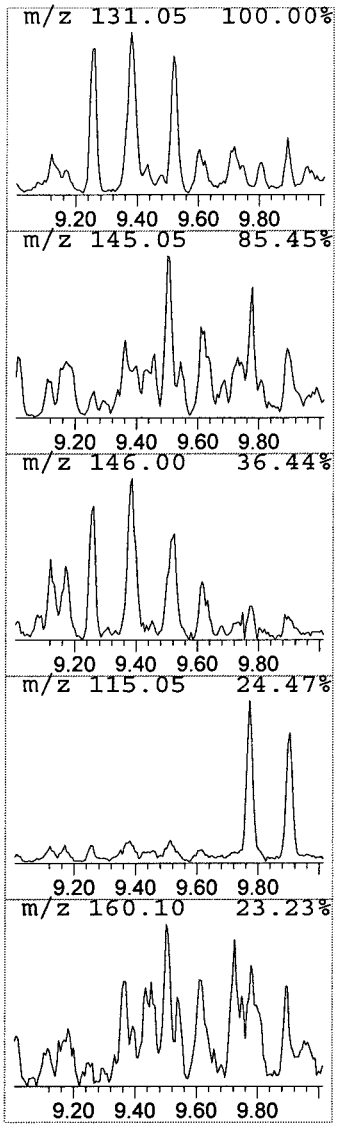
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	14.34 ug/l	583534	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	47
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	64
5	6-PROPYLTETRALINE	174	C13H18	042775-77-9	38





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Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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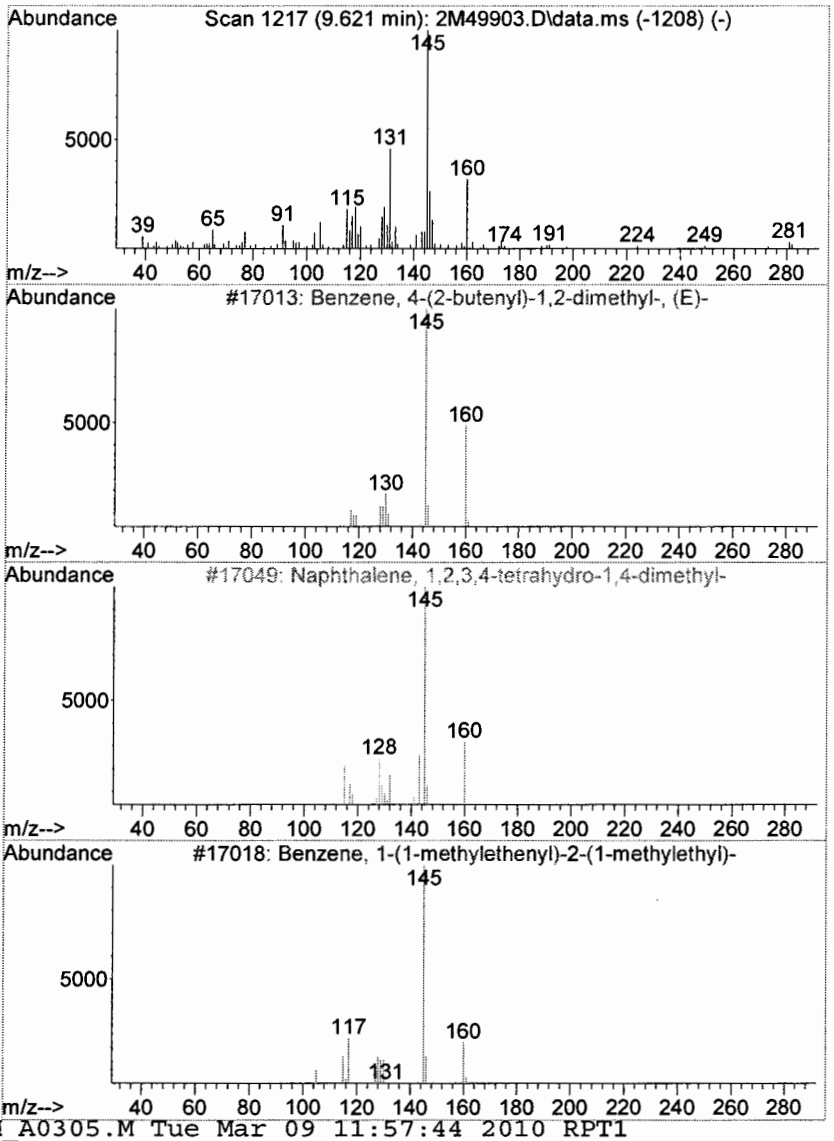
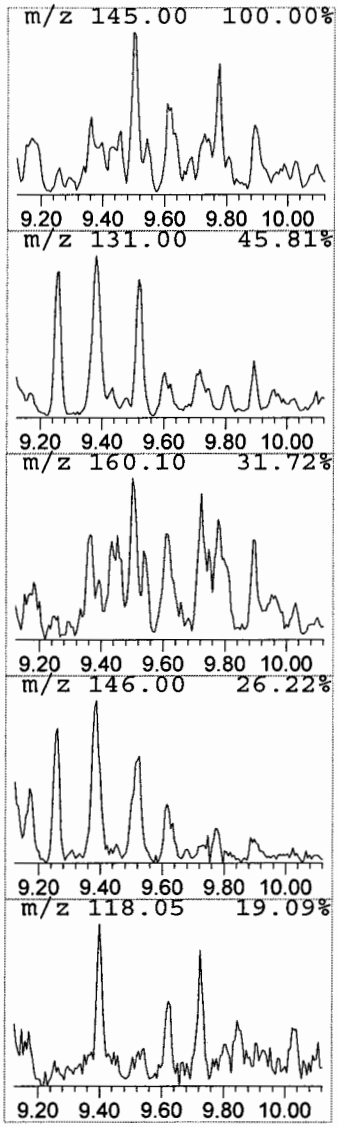
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	9.28 ug/l	377450	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	47
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	52
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	16
4	(Z)-2-(1'-PROPENYL)MESITYLENE	160	C12H16	002077-40-9	38
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43





Library Search Compound Report

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Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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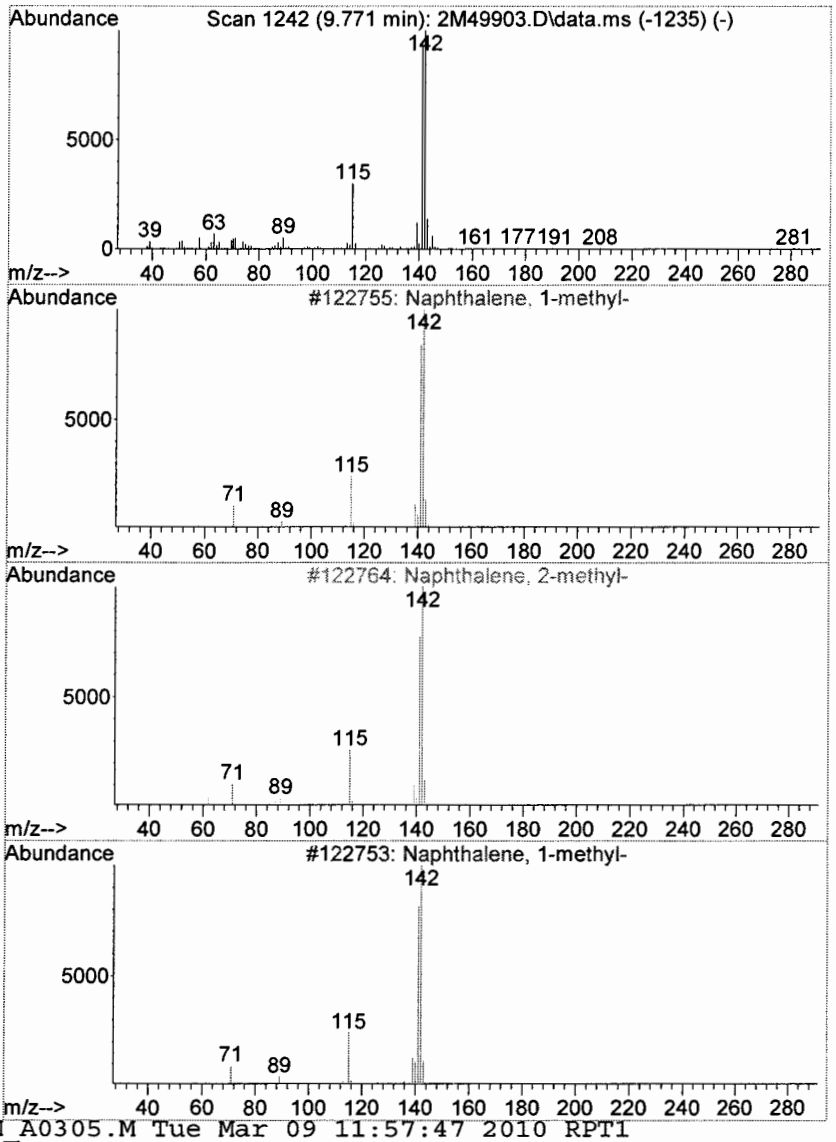
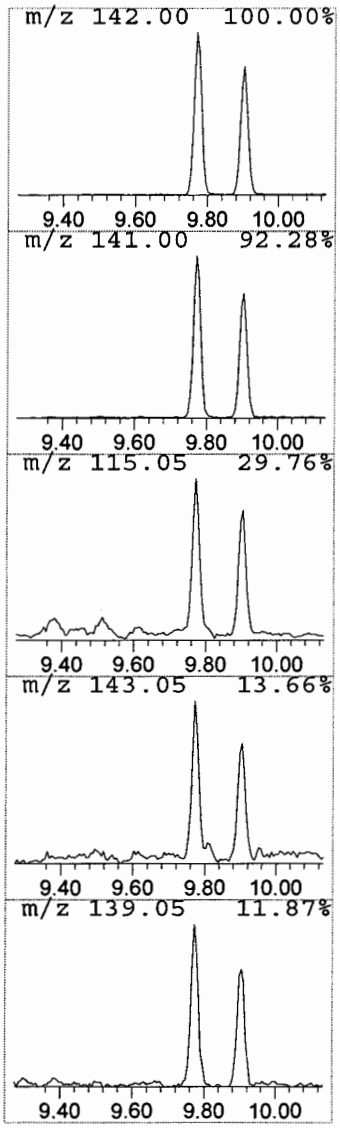
Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	41.69 ug/l	1696443	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

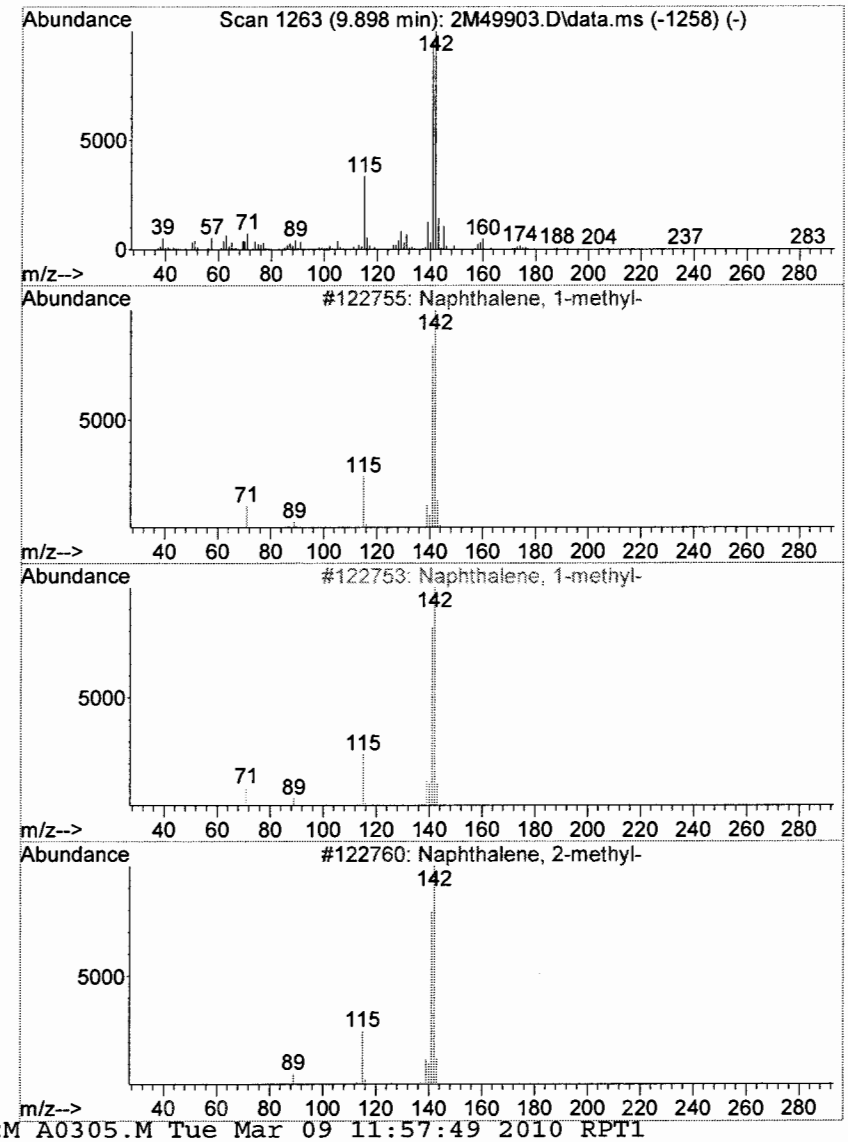
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

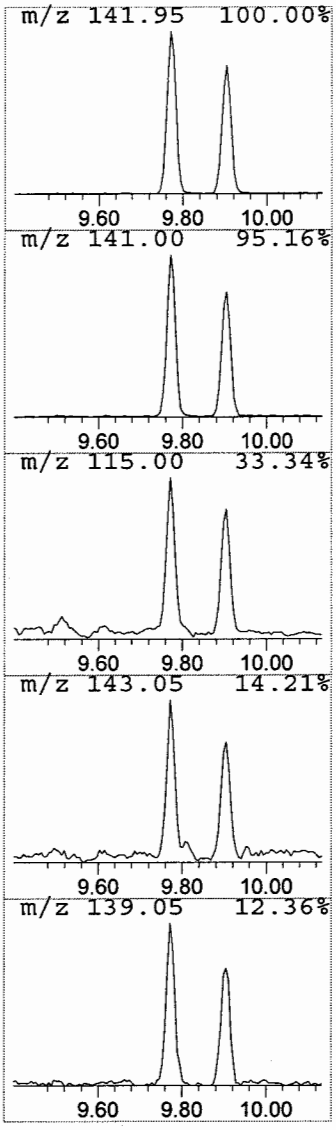
****

Peak Number 13 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	31.80 ug/l	1293976	LibIS-1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49903.D
Acq On : 9 Mar 2010 9:04
Operator : WP
Sample : AC50108-005
Misc : M,MEXT!3
ALS Vial : 21 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
1H-Indene, 2,3-di...	7.76	8.2	ug/l	335630	3 7.59	7.59	1220660	30.0
1H-Indene, 2,3-di...	8.12	10.0	ug/l	405718	3 7.59	7.59	1220660	30.0
Benzene, 1,2,3,4-...	8.59	10.1	ug/l	410715	3 7.59	7.59	1220660	30.0
1H-Indene, 2,3-di...	8.80	13.4	ug/l	545154	3 7.59	7.59	1220660	30.0
1H-Indene, 2,3-di...	8.91	19.1	ug/l	777625	3 7.59	7.59	1220660	30.0
unknown	9.12	10.3	ug/l	418355	3 7.59	7.59	1220660	30.0
unknown	9.17	8.4	ug/l	342862	3 7.59	7.59	1220660	30.0
1H-Indene, 2,3-di...	9.37	18.1	ug/l	735748	3 7.59	7.59	1220660	30.0
1H-Indene, 2,3-di...	9.51	14.3	ug/l	583534	3 7.59	7.59	1220660	30.0
Naphthalene, 1,2,...	9.62	9.3	ug/l	377450	3 7.59	7.59	1220660	30.0
Naphthalene, 1-me...	9.77	41.7	ug/l	1696443	3 7.59	7.59	1220660	30.0
Naphthalene, 2-me...	9.90	31.8	ug/l	1293976	3 7.59	7.59	1220660	30.0

GC/MS Volatile Data
Standards Data

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M54448.	CAL @ 20 PPB	02/23/10 12:24	2	1M54450.	CAL @ 5 PPB	02/23/10 12:57
3	1M54449.	CAL @ 10 PPB	02/23/10 12:41	4	1M54447.	CAL @ 50 PPB	02/23/10 12:08
5	1M54446.	CAL @ 100 PPB	02/23/10 11:52	6	1M54445.	CAL @ 250 PPB	02/23/10 11:36
7	1M54444.	CAL @ 500 PPB	02/23/10 11:20	8	1M54453.	CAL @ 1 PPB	02/23/10 13:45
9	1M54452.	CAL @ 0.5 PPB	02/23/10 13:29				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	Avg	0.6281	0.7507	0.6417	0.5703	0.5562	0.5676	0.4758	-----	-----	0.599	1.39	0.992	0.999	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dichlorodifluoromethan	1	0	Avg	0.3456	0.3326	0.3487	0.3268	0.3576	0.3904	0.3476	-----	-----	0.350	1.39	0.996	0.999	5.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloromethane	1	0	Avg	0.4433	0.4960	0.4572	0.4191	0.4094	0.3381	0.3463	-----	-----	0.416	1.51	0.998	0.998	14	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromomethane	1	0	Avg	0.1653	0.1680	0.1883	0.1681	0.1715	0.1395	0.1247	-----	-----	0.161	1.83	0.994	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Vinyl Chloride	1	0	Avg	0.2996	0.3154	0.3163	0.2839	0.2732	0.2577	0.2271	-----	-----	0.282	1.59	0.996	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Chloroethane	1	0	Avg	0.1682	0.1714	0.1739	0.1653	0.1696	0.1499	0.1391	-----	-----	0.163	1.90	0.998	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Trichlorofluoromethane	1	0	Avg	0.6547	0.6397	0.6931	0.6118	0.6477	0.5262	0.4974	-----	-----	0.610	2.10	0.997	0.999	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.3313	0.3604	0.3421	0.3227	0.3217	0.2762	0.2439	-----	-----	0.314	2.48	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylene Chloride	1	0	Avg	0.3813	0.4420	0.3991	0.3540	0.3468	0.3060	0.2840	-----	-----	0.359	2.83	0.998	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acrolein	1	0	Avg	0.0354	0.0367	0.0355	0.0364	0.0359	0.0326	0.0314	-----	-----	0.0349	2.40	0.999	1.00	5.9		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Acrylonitrile	1	0	Avg	0.0758	0.0835	0.0821	0.0799	0.0834	0.0768	0.0704	-----	-----	0.0789	3.00	0.997	1.00	6.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Iodomethane	1	0	Avg	0.5468	0.5286	0.5333	0.5223	0.5264	0.4771	0.4306	-----	-----	0.509	2.59	0.997	1.00	8.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Acetone	1	0	Lin	0.0659	0.0781	0.0711	0.0603	0.0600	0.0529	0.0495	-----	-----	0.0626	2.51	0.998	1.00	16		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
Carbon Disulfide	1	0	Avg	1.0059	1.0206	1.0062	0.9481	0.9838	0.8706	0.7917	-----	-----	0.947	2.65	0.997	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
t-Butyl Alcohol	1	0	Avg	0.0092	0.0072	0.0081	0.0094	0.0091	0.0083	0.0087	-----	-----	0.00862	2.90	0.999	0.999	9.1		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
n-Hexane	1	0	Avg	0.5222	0.4848	0.5341	0.5406	0.5682	0.5091	0.4519	-----	-----	0.516	3.27	0.995	1.00	7.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Di-isopropyl-ether	1	0	Avg	1.3835	1.2669	1.3790	1.3600	1.3474	1.1581	1.0219	-----	-----	1.27	3.43	0.994	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1-Dichloroethene	1	0	Avg	0.7608	0.7288	0.7642	0.7235	0.7411	0.6375	0.5706	-----	-----	0.704	2.48	0.995	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl Acetate	1	0	Avg	0.1872	0.2130	0.2004	0.1822	0.1829	0.1588	0.1496	-----	-----	0.182	2.75	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methyl-t-butyl ether	1	0	Avg	0.4825	0.4989	0.4878	0.4877	0.4876	0.4245	0.3765	0.5599	-----	0.476	3.05	0.995	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethane	1	0	Avg	0.8029	0.7884	0.8174	0.7625	0.7788	0.6922	0.6350	-----	-----	0.754	3.37	0.997	1.00	8.8	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.2-Dichloroether	1	0	Avg	0.3801	0.3810	0.3714	0.3557	0.3556	0.3031	0.2650	-----	-----	0.345	3.05	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.2-Dichloroethene	1	0	Avg	0.7727	0.7648	0.7810	0.7446	0.7525	0.6402	0.5584	-----	-----	0.716	3.84	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromochloromethane	1	0	Avg	0.3632	0.4030	0.3929	0.3430	0.3361	0.2972	0.2843	-----	-----	0.346	4.00	0.999	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2.2-Dichloropropane	1	0	Avg	0.4853	0.4614	0.4753	0.4788	0.5044	0.4405	0.4009	-----	-----	0.464	3.85	0.996	1.00	7.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.4-Dioxane	1	0	Avg	0.0017	0.0019	0.0017	0.0018	0.0019	0.0017	0.0015	-----	-----	0.00178	5.05	0.995	1.00	8.8		1000.	250.0	500.0	2500.	5000.	1250	2500		
1.1-Dichloropropene	1	0	Avg	0.6547	0.6324	0.6343	0.6103	0.6102	0.4902	-----	-----	-----	0.605	4.31	0.990	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0			
Chloroform	1	0	Avg	0.7006	0.7104	0.7188	0.6721	0.6730	0.5958	0.5400	-----	-----	0.659	4.06	0.997	1.00	10	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromofluoromethane	1	0	Avg	0.2549	0.2661	0.2703	0.2742	0.2725	0.2574	0.2685	0.2825	0.2846	0.270	4.17	-1	-1	3.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.8340	0.7379	0.7561	0.8202	0.8401	0.7320	0.6329	-----	-----	0.765	4.26	0.992	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichloroethane-d4	1	0	Avg	0.0474	0.0489	0.0515	0.0480	0.0484	0.0494	0.0445	0.0490	0.0531	0.0490	4.40	-1	-1	5.0		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.5516	0.5974	0.5964	0.5108	0.4970	0.4123	-----	-----	-----	0.528	4.45	0.994	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
2-Butanone	1	0	Avg	0.1141	0.1009	0.1333	0.1092	0.1091	0.0975	0.0854	-----	-----	0.107	3.84	0.994	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.1-Trichloroethane	1	0	Avg	0.5903	0.5734	0.5596	0.5655	0.5752	0.5022	0.4544	-----	-----	0.546	4.21	0.996	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Carbon Tetrachloride	1	0	Avg	0.5465	0.5397	0.5405	0.4960	0.5014	0.4255	0.3552	-----	-----	0.486	4.32	0.989	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Vinyl Acetate	1	0	Avg	1.1812	1.1805	1.1739	1.1537	1.1530	1.0126	0.9173	-----	-----	1.11	3.42	0.996	1.00	9.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromodichloromethane	1	0	Avg	0.5531	0.5860	0.5697	0.5474	0.5495	0.4810	0.4297	-----	-----	0.531	5.14	0.995	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Methylcyclohexane	1	0	Avg	0.7411	0.6456	0.7008	0.7007	0.6940	0.5638	-----	-----	-----	0.674	4.98	0.991	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0			
Dibromomethane	1	0	Avg	0.2574	0.2545	0.2666	0.2343	0.2342	0.2035	0.1826	-----	-----	0.233	5.05	0.996	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichloropropane	1	0	Avg	0.4384	0.3952	0.4444	0.4057	0.3982	0.3217	-----	-----	-----	0.401	4.98	0.991	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0			
Trichloroethene	1	0	Avg	0.4434	0.4385	0.4549	0.4318	0.4252	0.3602	0.3090	-----	-----	0.409	4.84	0.991	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0		

Flags

a - failed the spcc criteria — ** - ccc compound*

b - failed the ccc criteria — *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.2

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M54448.	CAL @ 20 PPB	02/23/10 12:24	2	1M54450.	CAL @ 5 PPB	02/23/10 12:57
3	1M54449.	CAL @ 10 PPB	02/23/10 12:41	4	1M54447.	CAL @ 50 PPB	02/23/10 12:08
5	1M54446.	CAL @ 100 PPB	02/23/10 11:52	6	1M54445.	CAL @ 250 PPB	02/23/10 11:36
7	1M54444.	CAL @ 500 PPB	02/23/10 11:20	8	1M54453.	CAL @ 1 PPB	02/23/10 13:45
9	1M54452.	CAL @ 0.5 PPB	02/23/10 13:29				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	LinF	1.5599	1.5372	1.6040	1.4443	1.3946	1.1202	-----	1.9825	-----	1.52	4.45	0.990	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
tert-Amyl methyl ether	1	0	Avg	0.4879	0.4457	0.4703	0.4649	0.4713	0.4207	0.3780	-----	-----	0.448	4.51	0.996	1.00	8.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Dibromochloromethane	1	0	Avg	0.4674	0.4433	0.4813	0.4473	0.4479	0.4066	0.3749	-----	-----	0.438	6.09	0.998	1.00	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chloroethylvinylether	1	0	Avg	0.1961	0.1747	0.1927	0.2135	0.2334	0.2222	0.2082	-----	-----	0.206	5.30	0.998	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
cis-1.3-Dichloropropene	1	0	Avg	0.7741	0.6628	0.7295	0.7701	0.7983	0.7244	0.6466	-----	-----	0.729	5.40	0.996	1.00	7.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
trans-1.3-Dichloroprope	1	0	Avg	0.6009	0.5760	0.5483	0.6100	0.6361	0.5908	0.5446	-----	-----	0.587	5.73	0.998	1.00	5.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.1.2-Trichloroethane	1	0	Avg	0.3472	0.3466	0.3602	0.3280	0.3190	0.2851	0.2610	-----	-----	0.321	5.85	0.997	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromoethane	1	0	Avg	0.3516	0.3483	0.3559	0.3394	0.3421	0.3044	0.2853	-----	-----	0.332	6.17	0.998	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichloropropane	1	0	Avg	0.6651	0.7209	0.6722	0.6144	0.6115	0.4999	-----	-----	-----	0.631	5.95	0.992	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0			
4-Methyl-2-Pentanone	1	0	Avg	0.3203	0.2930	0.3005	0.3250	0.3397	0.3111	0.2900	-----	-----	0.311	5.48	0.998	1.00	5.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Hexanone	1	0	Avg	0.2185	0.2084	0.1912	0.2243	0.2287	0.2083	0.1902	-----	-----	0.210	5.97	0.997	1.00	7.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Tetrachloroethene	1	0	Avg	0.6066	0.5913	0.6020	0.5452	0.5260	0.4252	-----	-----	-----	0.549	5.96	0.991	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
Toluene-d8	1	0	Avg	0.9005	0.8917	0.9436	0.9026	0.9125	0.9179	0.9240	0.8424	0.8688	0.900	5.58	-1	-1	3.4		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	LinF	1.3408	1.3476	1.3585	1.2476	1.2158	1.0138	-----	1.7531	-----	1.33	5.62	0.994	1.00	17	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.4630	0.4786	0.4679	0.4496	0.4329	0.3632	-----	-----	-----	0.443	6.51	0.994	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0			
Chlorobenzene	1	0	Avg	1.4300	1.5045	1.4452	1.3336	1.3180	1.1068	-----	-----	-----	1.36	6.47	0.994	1.00	10	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0			
Bromoform	1	0	Avg	0.5185	0.5210	0.5105	0.5219	0.5170	0.5189	0.5265	-----	-----	0.519	6.96	1.00	1.00	0.95	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Ethylbenzene	1	0	Avg	1.0976	1.0209	1.0571	0.9594	0.9216	0.7797	-----	1.1088	-----	0.992	6.52	0.994	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.6348	0.7167	0.7010	0.6375	0.5928	0.5889	0.5910	-----	-----	0.638	7.20	1.00	1.00	8.3	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Bromofluorobenzene	1	0	Avg	0.8540	0.8650	0.8653	0.8734	0.8842	0.9794	1.0615	0.8053	0.8170	0.890	7.15	-1	-1	9.1		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	2.4825	2.3420	2.3957	2.4561	2.2830	1.8811	-----	-----	-----	2.31	6.83	0.992	1.00	9.6		20.00	5.00	10.00	50.00	100.0	250.0			
m&p-Xylenes	1	0	Avg	1.5972	1.5257	1.6243	1.4958	1.3796	1.1082	-----	1.7176	1.5888	1.50	6.59	0.989	1.00	13		40.00	10.00	20.00	100.0	200.0	500.0		2.00	1.00
o-Xylene	1	0	Avg	1.5746	1.3481	1.5539	1.4607	1.3915	1.1712	-----	1.4713	-----	1.42	6.82	0.994	1.00	9.7		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2289	0.2521	0.2847	0.2621	0.2555	0.2519	0.2464	-----	-----	0.255	7.23	1.00	1.00	6.6		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3-Dichlorobenzene	1	0	Avg	2.0298	2.1793	2.1758	1.9286	1.8103	1.4923	-----	-----	-----	1.94	7.83	0.993	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0			
1.4-Dichlorobenzene	1	0	Avg	2.0029	2.1676	2.1299	1.9454	1.8584	1.6719	1.4352	-----	-----	1.89	7.89	0.993	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dichlorobenzene	1	0	Avg	1.7354	1.8481	1.8710	1.7137	1.6345	1.4833	1.2969	-----	-----	1.65	8.12	0.995	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Isopropylbenzene	1	0	Avg	4.3458	3.7604	4.1317	4.1910	4.0870	3.5281	2.9920	3.9446	-----	3.87	7.04	0.990	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	Avg	0.0177	0.0213	0.0184	0.0183	0.0190	0.0189	0.0188	-----	-----	0.0190	7.11	1.00	1.00	6.0		100.0	25.00	50.00	250.0	500.0	1250.	2500.		
1.2.3-Trichloropropane	1	0	Avg	0.8944	0.9041	0.8568	0.8589	0.8525	0.8092	0.7639	-----	-----	0.849	7.25	0.999	1.00	5.7		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
2-Chlorotoluene	1	0	Qua	2.7900	2.8982	2.9391	2.5398	2.4011	1.7829	1.2605	-----	-----	2.37	7.36	0.951	0.998	27		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
p-Ethyltoluene	1	0	Avg	4.8892	4.7868	4.9620	4.4031	4.4698	3.3470	-----	-----	-----	4.48	7.35	0.983	0.999	13		20.00	5.00	10.00	50.00	100.0	250.0			
4-Chlorotoluene	1	0	Avg	2.5842	2.5957	2.5991	2.3602	2.4116	1.8944	-----	-----	-----	2.41	7.42	0.988	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0			
n-Propylbenzene	1	0	Avg	5.2725	4.9431	5.2035	5.1722	4.8944	4.2207	3.5321	5.5373	-----	4.85	7.30	0.989	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	2.4431	2.3950	2.5153	2.4088	2.3725	2.1793	1.9623	-----	-----	2.33	7.26	0.997	1.00	8.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.3.5-Trimethylbenzene	1	0	Avg	3.5063	3.5445	3.5815	3.6626	3.0285	2.7657	-----	3.8416	-----	3.42	7.39	0.996	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
t-Butylbenzene	1	0	Avg	3.5068	3.3103	3.4411	3.4818	3.3081	2.8617	2.3540	3.2238	-----	3.19	7.60	0.987	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	3.7327	3.5342	3.7273	3.6528	3.4158	2.9204	2.4102	3.3472	-----	3.34	7.63	0.987	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	4.6873	4.0722	4.6470	4.6330	4.3971	3.7821	3.0566	4.0668	-----	4.17	7.74	0.985	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	3.8305	3.4819	3.6703	3.6905	3.4814	2.8554	-----	3.4111	-----	3.49	7.82	0.991	1.00	9.0		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
n-Butylbenzene	1	0	Avg	4.7578	4.3121	4.6839	4.6700	4.4444	3.7420	2.9774	4.7664	-----	4.29	8.07	0.982	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.2

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_1

0157

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	1M54448.	CAL @ 20 PPB	02/23/10 12:24	2	1M54450.	CAL @ 5 PPB	02/23/10 12:57
3	1M54449.	CAL @ 10 PPB	02/23/10 12:41	4	1M54447.	CAL @ 50 PPB	02/23/10 12:08
5	1M54446.	CAL @ 100 PPB	02/23/10 11:52	6	1M54445.	CAL @ 250 PPB	02/23/10 11:36
7	1M54444.	CAL @ 500 PPB	02/23/10 11:20	8	1M54453.	CAL @ 1 PPB	02/23/10 13:45
9	1M54452.	CAL @ 0.5 PPB	02/23/10 13:29				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
p-Diethylbenzene	1	0	Avg	2.5186	2.1500	2.3548	2.5095	2.3835	2.0115	1.5664	-----	-----	2.21	8.06	0.978	1.00	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.4.5-Tetramethylber	1	0	Avg	3.6168	2.8756	3.2267	3.7781	3.6219	3.1585	2.5831	-----	-----	3.27	8.57	0.986	1.00	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2-Dibromo-3-Chloropr	1	0	Avg	0.1207	0.1396	0.1412	0.1212	0.1260	0.1214	0.1176	-----	-----	0.127	8.62	1.00	1.00	7.6	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Hexachlorobutadiene	1	0	Avg	1.2954	1.2513	1.2376	1.2896	1.2393	1.1011	0.9645	-----	-----	1.20	9.27	0.994	1.00	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.4-Trichlorobenzene	1	0	Avg	1.4116	1.2803	1.3163	1.3797	1.3607	1.2492	1.1341	-----	-----	1.30	9.17	0.997	1.00	7.2	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1.2.3-Trichlorobenzene	1	0	Avg	1.3259	1.2769	1.2728	1.2140	1.2255	1.1054	0.9838	-----	-----	1.20	9.49	0.996	1.00	9.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Naphthalene	1	0	Avg	1.8044	1.4659	1.6516	1.7888	1.7968	1.6458	1.5056	1.6177	-----	1.66	9.34	0.997	1.00	7.9	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 10.2

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54448.D Sam Mult : 1 Vial# : 36 Qt On : 02/23/10 13:01
Acq On : 02/23/10 12:24 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	171085	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	125528	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	74734	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	43623	27.26	ug/l	0.00
Spiked Amount 30.000			Recovery =	90.87%		
35) 1,2-Dichloroethane-d4	4.398	102	8121	28.10	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.67%		
59) Toluene-d8	5.580	100	113046	32.34	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.80%		
67) Bromofluorobenzene	7.148	174	63826	29.36	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.87%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	71641	19.38	ug/l	1
6) Dichlorodifluoromethane	1.393	85	39418	13.59	ug/l	96
7) Chloromethane	1.511	50	50566	19.99	ug/l	98
8) Bromomethane	1.829	94	18864	17.82	ug/l	95
9) Vinyl Chloride	1.594	62	34176	18.52	ug/l	94
10) Chloroethane	1.896	64	19189	17.06	ug/l	93
11) Trichlorofluoromethane	2.097	101	74674	18.14	ug/l	96
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	37791	18.00	ug/l	95
13) Methylene Chloride	2.831	84	43491	18.62	ug/l	99
14) Acrolein	2.397	56	20230	91.59	ug/l	91
15) Acrylonitrile	2.998	53	8648	17.07	ug/l	100
16) Iodomethane	2.594	142	62377	19.13	ug/l	71
17) Acetone	2.506	43	37595	95.08	ug/l	95
18) Carbon Disulfide	2.653	76	114738	18.38	ug/l	100
19) t-Butyl Alcohol	2.900	59	5294	93.46	ug/l	92
20) n-Hexane	3.274	57	59563	16.47	ug/l	96
21) Di-isopropyl-ether	3.432	45	157806	19.03	ug/l	92
22) 1,1-Dichloroethene	2.476	61	86779	18.82	ug/l	88
23) Methyl Acetate	2.752	43	21361	18.55	ug/l	100
24) Methyl-t-butyl ether	3.048	73	55039	18.06	ug/l	67
25) 1,1-Dichloroethane	3.373	63	91582	18.80	ug/l	100
26) trans-1,2-Dichloroethene	3.048	96	43361	20.11	ug/l	87
27) cis-1,2-Dichloroethene	3.836	61	88132	19.38	ug/l	90
28) Bromochloromethane	4.004	49	41426	19.04	ug/l	68
29) 2,2-Dichloropropane	3.846	77	55356	18.32	ug/l	93
30) 1,4-Dioxane	5.048	88	10046	902.02	ug/l	54
31) 1,1-Dichloropropene	4.309	75	74674	20.01	ug/l	97
32) Chloroform	4.063	83	79916	19.19	ug/l	100
34) Cyclohexane	4.260	56	95130	18.38	ug/l	88
36) 1,2-Dichloroethane	4.447	62	62921	19.34	ug/l	99
37) 2-Butanone	3.836	43	13017	18.70	ug/l	91
38) 1,1,1-Trichloroethane	4.211	97	67329	19.27	ug/l	97
39) Carbon Tetrachloride	4.319	117	62334	20.29	ug/l	95
40) Vinyl Acetate	3.422	43	134732	18.91	ug/l	100
41) Bromodichloromethane	5.137	83	63090	18.98	ug/l	95
42) Methylcyclohexane	4.979	83	84537	19.95	ug/l	81
43) Dibromomethane	5.048	174	29360	20.52	ug/l	95
44) 1,2-Dichloropropane	4.979	63	50005	19.81	ug/l	91
45) Trichloroethene	4.841	130	50582	19.59	ug/l	90
46) Benzene	4.447	78	177922	19.30	ug/l	100
47) tert-Amyl methyl ether	4.506	73	55648	19.40	ug/l	88
49) Dibromochloromethane	6.093	129	39117	22.48	ug/l	95
50) 2-Chloroethylvinylether	5.305	63	16412	20.01	ug/l	91
51) cis-1,3-Dichloropropene	5.403	75	64786	21.87	ug/l	94
52) trans-1,3-Dichloropropene	5.728	75	50288	21.47	ug/l	97
53) 1,1,2-Trichloroethane	5.847	97	29062	22.90	ug/l	91
54) 1,2-Dibromoethane	6.172	107	29424	22.17	ug/l	93
55) 1,3-Dichloropropane	5.945	76	55667	23.79	ug/l	94
56) 4-Methyl-2-Pentanone	5.482	43	26811	20.99	ug/l	95
57) 2-Hexanone	5.975	43	18287	21.07	ug/l	95
58) Tetrachloroethene	5.955	164	50770	24.57	ug/l	100
60) Toluene	5.620	92	112210	22.62	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.507	133	38751	23.61	ug/l	90
62) Chlorobenzene	6.468	112	119672	23.42	ug/l	99
64) Bromoform	6.960	173	25836	21.93	ug/l	90
65) Ethylbenzene	6.517	106	54688	27.18	ug/l	99
66) 1,1,2,2-Tetrachloroethane	7.197	83	31630	21.38	ug/l	86
68) Styrene	6.832	104	123688	25.27	ug/l	94
69) m&p-Xylenes	6.586	106	159161	47.46	ug/l	96

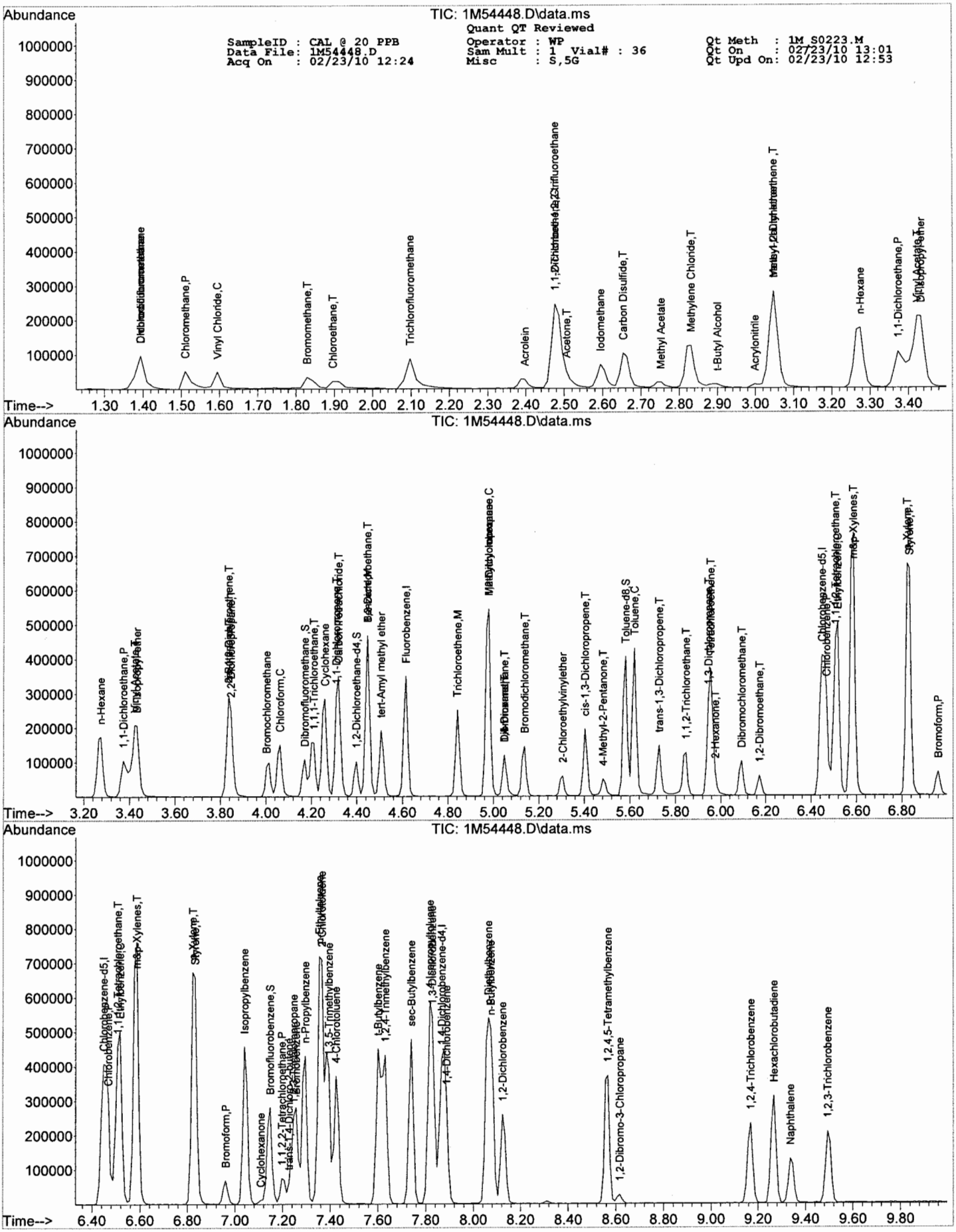
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54448.D Sam Mult : 1 Vial# : 36 Qt On : 02/23/10 13:01
Acq On : 02/23/10 12:24 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.822	106	78455	25.68 ug/l	79
71) trans-1,4-Dichloro-2-b...	7.226	53	11405	19.57 ug/l	95
72) 1,3-Dichlorobenzene	7.828	146	101133	24.29 ug/l	92
73) 1,4-Dichlorobenzene	7.887	146	99792	23.69 ug/l	92
74) 1,2-Dichlorobenzene	8.123	146	86465	22.79 ug/l	94
75) Isopropylbenzene	7.039	105	216521	25.11 ug/l	98
76) Cyclohexanone	7.108	55	4424	106.91 ug/l	95
77) 1,2,3-Trichloropropane	7.246	75	44566	23.21 ug/l	90
78) 2-Chlorotoluene	7.364	91	139008	26.33 ug/l	98
79) p-Ethyltoluene	7.355	105	243596	22.68 ug/l	96
80) 4-Chlorotoluene	7.424	91	128752	23.82 ug/l	95
81) n-Propylbenzene	7.295	91	262692	24.21 ug/l	97
82) Bromobenzene	7.256	77	121725	22.68 ug/l	86
83) 1,3,5-Trimethylbenzene	7.394	105	174695m	27.56 ug/l	
84) t-Butylbenzene	7.601	119	174720	24.73 ug/l	88
85) 1,2,4-Trimethylbenzene	7.630	105	185973	24.86 ug/l	96
86) sec-Butylbenzene	7.739	105	233537	24.25 ug/l	98
87) 4-Isopropyltoluene	7.818	119	190846	25.22 ug/l	94
88) n-Butylbenzene	8.074	91	237051	23.95 ug/l	100
89) p-Diethylbenzene	8.064	119	125484	25.01 ug/l	97
90) 1,2,4,5-Tetramethylben...	8.567	119	180201	24.07 ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.616	157	6014	21.55 ug/l	67
92) Hexachlorobutadiene	9.267	225	64542	21.25 ug/l	97
93) 1,2,4-Trichlorobenzene	9.168	180	70331	22.48 ug/l	98
94) 1,2,3-Trichlorobenzene	9.493	180	66063	23.32 ug/l	97
95) Naphthalene	9.336	128	89902	22.72 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54448.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 1M54448.D
Acq On : 02/23/10 12:24
Operator : WP
Sam Mult : 1 Vial# : 36
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 13:01
Qt Upd On: 02/23/10 12:53
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->
Abundance
TIC: 1M54448.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->
Abundance
TIC: 1M54448.D\data.ms
Chlorobenzene-d5,I
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4,5-Tetramethylbenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54450.D Sam Mult : 1 Vial# : 38 Qt On : 02/23/10 13:19
Acq On : 02/23/10 12:57 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.614	96	173817	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.447	117	127337	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	76167	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	46266	28.46	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.87%		
35) 1,2-Dichloroethane-d4	4.397	102	8501	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.50%		
59) Toluene-d8	5.580	100	113553	32.03	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.77%		
67) Bromofluorobenzene	7.147	174	65886	29.74	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.13%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	21750	5.79	ug/l	1
6) Dichlorodifluoromethane	1.393	85	9637	3.27	ug/l	96
7) Chloromethane	1.511	50	14370	5.59	ug/l	93
8) Bromomethane	1.829	94	4867	4.53	ug/l	98
9) Vinyl Chloride	1.594	62	9137	4.87	ug/l	100
10) Chloroethane	1.896	64	4967	4.35	ug/l	95
11) Trichlorofluoromethane	2.097	101	18532	4.43	ug/l	95
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	10441	4.89	ug/l	90
13) Methylene Chloride	2.830	84	12805	5.40	ug/l	88
14) Acrolein	2.397	56	5324	23.73	ug/l	79
15) Acrylonitrile	3.008	53	2421	4.70	ug/l	99
16) Iodomethane	2.594	142	15315	4.62	ug/l	74
17) Acetone	2.505	43	11320	28.18	ug/l	94
18) Carbon Disulfide	2.663	76	29567	4.66	ug/l	100
19) t-Butyl Alcohol	2.889	59	1046	18.18	ug/l	30
20) n-Hexane	3.274	57	14046	3.82	ug/l	90
21) Di-isopropyl-ether	3.432	45	36703	4.36	ug/l	90
22) 1,1-Dichloroethene	2.476	61	21113	4.51	ug/l	95
23) Methyl Acetate	2.751	43	6171	5.27	ug/l	100
24) Methyl-t-butyl ether	3.047	73	14455	4.67	ug/l	72
25) 1,1-Dichloroethane	3.372	63	22842	4.62	ug/l	94
26) trans-1,2-Dichloroethene	3.047	96	11039	5.04	ug/l	88
27) cis-1,2-Dichloroethene	3.836	61	22156	4.80	ug/l	85
28) Bromochloromethane	4.013	49	11675	5.28	ug/l	83
29) 2,2-Dichloropropane	3.845	77	13369	4.36	ug/l	89
30) 1,4-Dioxane	5.058	88	2855	252.32	ug/l	83
31) 1,1-Dichloropropene	4.309	75	18321	4.83	ug/l	95
32) Chloroform	4.062	83	20582	4.86	ug/l	85
34) Cyclohexane	4.259	56	21378	4.07	ug/l	86
36) 1,2-Dichloroethane	4.447	62	17308	5.24	ug/l	98
37) 2-Butanone	3.836	43	2923	4.13	ug/l	91
38) 1,1,1-Trichloroethane	4.210	97	16612	4.68	ug/l	98
39) Carbon Tetrachloride	4.319	117	15635	5.01	ug/l	99
40) Vinyl Acetate	3.422	43	34201	4.73	ug/l	100
41) Bromodichloromethane	5.137	83	16977	5.03	ug/l	94
42) Methylcyclohexane	4.979	83	18704	4.34	ug/l	84
43) Dibromomethane	5.048	174	7375	5.07	ug/l	91
44) 1,2-Dichloropropane	4.979	63	11451	4.46	ug/l	73
45) Trichloroethene	4.841	130	12703	4.84	ug/l	90
46) Benzene	4.447	78	44533	4.76	ug/l	100
47) tert-Amyl methyl ether	4.506	73	12914	4.43	ug/l	78
49) Dibromochloromethane	6.093	129	9408	5.33	ug/l	85
50) 2-Chloroethylvinylether	5.304	63	3709	4.46	ug/l	97
51) cis-1,3-Dichloropropene	5.403	75	14068	4.68	ug/l	97
52) trans-1,3-Dichloropropene	5.728	75	12225	5.14	ug/l	96
53) 1,1,2-Trichloroethane	5.846	97	7356	5.71	ug/l	95
54) 1,2-Dibromoethane	6.171	107	7393	5.49	ug/l	91
55) 1,3-Dichloropropane	5.945	76	15300	6.45	ug/l	93
56) 4-Methyl-2-Pentanone	5.482	43	6219	4.80	ug/l	94
57) 2-Hexanone	5.974	43	4423	5.02	ug/l	90
58) Tetrachloroethene	5.955	164	12549	5.99	ug/l	98
60) Toluene	5.620	92	28601	5.68	ug/l	100
61) 1,1,1,2-Tetrachloroethane	6.507	133	10159	6.10	ug/l	99
62) Chlorobenzene	6.467	112	31930	6.16	ug/l	98
64) Bromoform	6.960	173	6615	5.51	ug/l	96
65) Ethylbenzene	6.516	106	12961	6.32	ug/l	95
66) 1,1,2,2-Tetrachloroethane	7.196	83	9099	6.04	ug/l	81
68) Styrene	6.832	104	29731	5.96	ug/l	93
69) m&p-Xylenes	6.585	106	38736	11.33	ug/l	88

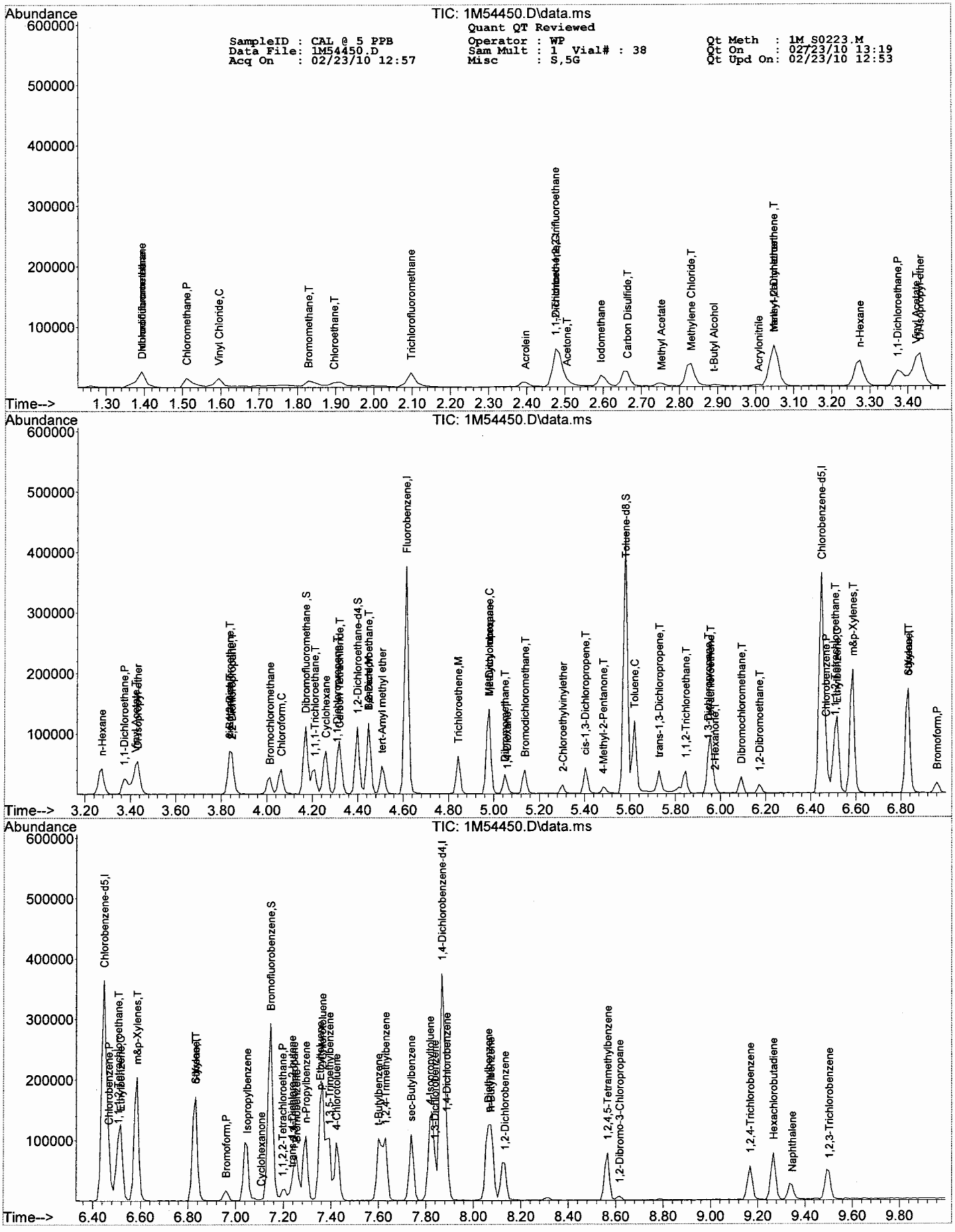
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54450.D Sam Mult : 1 Vial# : 38 Qt On : 02/23/10 13:19
Acq On : 02/23/10 12:57 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.832	106	17114	5.50	ug/l	68
71) trans-1,4-Dichloro-2-b...	7.236	53	3201m	5.39	ug/l	
72) 1,3-Dichlorobenzene	7.837	146	27666	6.52	ug/l	90
73) 1,4-Dichlorobenzene	7.886	146	27517	6.41	ug/l	81
74) 1,2-Dichlorobenzene	8.133	146	23461	6.07	ug/l	93
75) Isopropylbenzene	7.049	105	47737	5.43	ug/l	96
76) Cyclohexanone	7.108	55	1356m	32.15	ug/l	
77) 1,2,3-Trichloropropane	7.246	75	11478	5.87	ug/l	89
78) 2-Chlorotoluene	7.364	91	36792	6.84	ug/l	97
79) p-Ethyltoluene	7.354	105	60767	5.55	ug/l	90
80) 4-Chlorotoluene	7.423	91	32952	5.98	ug/l	92
81) n-Propylbenzene	7.295	91	62751	5.67	ug/l	97
82) Bromobenzene	7.256	77	30404	5.56	ug/l	90
83) 1,3,5-Trimethylbenzene	7.394	105	44996m	6.97	ug/l	
84) t-Butylbenzene	7.601	119	42023	5.84	ug/l	92
85) 1,2,4-Trimethylbenzene	7.630	105	44866	5.89	ug/l	96
86) sec-Butylbenzene	7.738	105	51695	5.27	ug/l	98
87) 4-Isopropyltoluene	7.817	119	44201	5.73	ug/l	94
88) n-Butylbenzene	8.074	91	54740	5.43	ug/l	98
89) p-Diethylbenzene	8.064	119	27294	5.34	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.566	119	36505	4.78	ug/l	95
91) 1,2-Dibromo-3-Chloropr...	8.616	157	1773	6.23	ug/l	91
92) Hexachlorobutadiene	9.266	225	15885	5.13	ug/l	99
93) 1,2,4-Trichlorobenzene	9.168	180	16253	5.10	ug/l	99
94) 1,2,3-Trichlorobenzene	9.503	180	16210	5.61	ug/l	97
95) Naphthalene	9.345	128	18609	4.62	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54450.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 1M54450.D
Acq On : 02/23/10 12:57
Operator : WP
Sam Mult : 1 Vial# : 38
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 13:19
Qt Upd On: 02/23/10 12:53
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M54450.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 1M54450.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
t-Butylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54449.D Sam Mult : 1 Vial# : 37 Qt On : 02/23/10 13:02
Acq On : 02/23/10 12:41 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	175599	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	129130	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	76437	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	47465	28.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.33%		
35) 1,2-Dichloroethane-d4	4.398	102	9059	30.54	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.80%		
59) Toluene-d8	5.581	100	121858	33.89	ug/l	0.00
Spiked Amount 30.000			Recovery =	112.97%		
67) Bromofluorobenzene	7.148	174	66142	29.75	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.17%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	37565	9.90	ug/l	1
6) Dichlorodifluoromethane	1.393	85	20416	6.86	ug/l	95
7) Chloromethane	1.510	50	26761	10.31	ug/l	98
8) Bromomethane	1.828	94	11023	10.15	ug/l	97
9) Vinyl Chloride	1.594	62	18519	9.78	ug/l	97
10) Chloroethane	1.912	64	10184	8.82	ug/l	90
11) Trichlorofluoromethane	2.097	101	40573	9.60	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	20024	9.29	ug/l	94
13) Methylene Chloride	2.831	84	23361	9.75	ug/l	92
14) Acrolein	2.398	56	10407	45.91	ug/l	98
15) Acrylonitrile	2.999	53	4808	9.25	ug/l	80
16) Iodomethane	2.595	142	31218	9.33	ug/l	75
17) Acetone	2.506	43	20819	51.30	ug/l	99
18) Carbon Disulfide	2.654	76	58899	9.19	ug/l	100
19) t-Butyl Alcohol	2.890	59	2394	41.18	ug/l	6
20) n-Hexane	3.275	57	31267	8.43	ug/l	89
21) Di-isopropyl-ether	3.423	45	80721	9.48	ug/l	81
22) 1,1-Dichloroethene	2.476	61	44733	9.45	ug/l	94
23) Methyl Acetate	2.742	43	11730	9.92	ug/l	100
24) Methyl-t-butyl ether	3.048	73	28555	9.13	ug/l	65
25) 1,1-Dichloroethane	3.373	63	47849	9.57	ug/l	100
26) trans-1,2-Dichloroethene	3.048	96	21740	9.82	ug/l	85
27) cis-1,2-Dichloroethene	3.836	61	45715	9.79	ug/l	89
28) Bromochloromethane	4.004	49	22998	10.30	ug/l	65
29) 2,2-Dichloropropane	3.846	77	27824	8.97	ug/l	93
30) 1,4-Dioxane	5.049	88	4979	435.57	ug/l	58
31) 1,1-Dichloropropene	4.310	75	37130	9.69	ug/l	98
32) Chloroform	4.063	83	42074	9.84	ug/l	98
34) Cyclohexane	4.260	56	44259	8.33	ug/l	90
36) 1,2-Dichloroethane	4.448	62	34911	10.46	ug/l	99
37) 2-Butanone	3.836	43	7805	10.93	ug/l	88
38) 1,1,1-Trichloroethane	4.211	97	32758	9.13	ug/l	96
39) Carbon Tetrachloride	4.319	117	31640	10.04	ug/l	91
40) Vinyl Acetate	3.423	43	68716	9.40	ug/l	100
41) Bromodichloromethane	5.137	83	33351	9.77	ug/l	96
42) Methylcyclohexane	4.980	83	41024	9.43	ug/l	83
43) Dibromomethane	5.049	174	15608	10.63	ug/l	96
44) 1,2-Dichloropropane	4.980	63	26016	10.04	ug/l	89
45) Trichloroethene	4.842	130	26631	10.05	ug/l	89
46) Benzene	4.448	78	93888	9.92	ug/l	100
47) tert-Amyl methyl ether	4.507	73	27530	9.35	ug/l	83
49) Dibromochloromethane	6.093	129	20720	11.57	ug/l	100
50) 2-Chloroethylvinylether	5.305	63	8297	9.83	ug/l	97
51) cis-1,3-Dichloropropene	5.404	75	31401	10.31	ug/l	94
52) trans-1,3-Dichloropropene	5.729	75	23604	9.80	ug/l	93
53) 1,1,2-Trichloroethane	5.847	97	15508	11.88	ug/l	95
54) 1,2-Dibromoethane	6.172	107	15320	11.22	ug/l	93
55) 1,3-Dichloropropane	5.946	76	28935	12.02	ug/l	100
56) 4-Methyl-2-Pentanone	5.482	43	12935	9.85	ug/l	98
57) 2-Hexanone	5.975	43	8231	9.22	ug/l	91
58) Tetrachloroethene	5.955	164	25915	12.19	ug/l	98
60) Toluene	5.620	92	58476	11.46	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.507	133	20142	11.93	ug/l	94
62) Chlorobenzene	6.468	112	62208	11.83	ug/l	98
64) Bromoform	6.961	173	13008	10.80	ug/l	90
65) Ethylbenzene	6.517	106	26936	13.09	ug/l	94
66) 1,1,2,2-Tetrachloroethane	7.207	83	17863	11.81	ug/l	78
68) Styrene	6.833	104	61042	12.19	ug/l	94
69) m&p-Xylenes	6.586	106	82775	24.13	ug/l	96

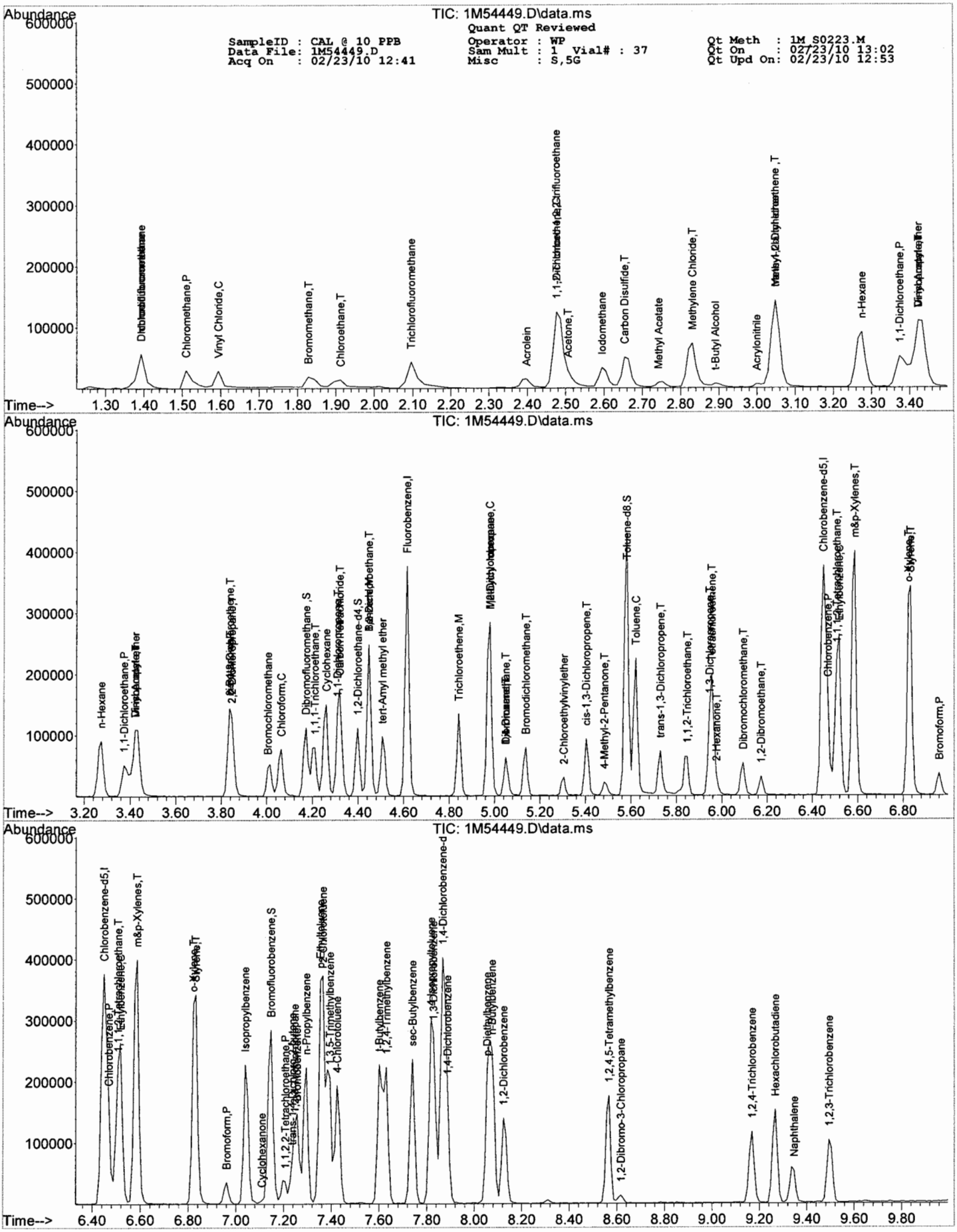
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54449.D Sam Mult : 1 Vial# : 37 Qt On : 02/23/10 13:02
Acq On : 02/23/10 12:41 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.823	106	39592	12.67	ug/l	80
71) trans-1,4-Dichloro-2-b...	7.237	53	7256	12.18	ug/l	60
72) 1,3-Dichlorobenzene	7.828	146	55438	13.02	ug/l	93
73) 1,4-Dichlorobenzene	7.887	146	54269	12.59	ug/l	89
74) 1,2-Dichlorobenzene	8.124	146	47672	12.29	ug/l	94
75) Isopropylbenzene	7.040	105	105274	11.94	ug/l	95
76) Cyclohexanone	7.109	55	2356m	55.67	ug/l	
77) 1,2,3-Trichloropropane	7.247	75	21832	11.12	ug/l	94
78) 2-Chlorotoluene	7.365	91	74887	13.87	ug/l	98
79) p-Ethyltoluene	7.355	105	126428	11.51	ug/l	96
80) 4-Chlorotoluene	7.424	91	66224	11.98	ug/l	96
81) n-Propylbenzene	7.296	91	132580	11.95	ug/l	99
82) Bromobenzene	7.256	77	64088	11.68	ug/l	86
83) 1,3,5-Trimethylbenzene	7.394	105	91253m	14.08	ug/l	
84) t-Butylbenzene	7.601	119	87678	12.13	ug/l	89
85) 1,2,4-Trimethylbenzene	7.631	105	94969	12.41	ug/l	97
86) sec-Butylbenzene	7.739	105	118401	12.02	ug/l	98
87) 4-Isopropyltoluene	7.818	119	93517	12.08	ug/l	91
88) n-Butylbenzene	8.074	91	119343	11.79	ug/l	98
89) p-Diethylbenzene	8.055	119	60000	11.69	ug/l	99
90) 1,2,4,5-Tetramethylben...	8.567	119	82215	10.74	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.617	157	3598	12.61	ug/l	98
92) Hexachlorobutadiene	9.267	225	31535	10.15	ug/l	97
93) 1,2,4-Trichlorobenzene	9.168	180	33540	10.48	ug/l	96
94) 1,2,3-Trichlorobenzene	9.494	180	32430	11.19	ug/l	96
95) Naphthalene	9.346	128	42081	10.40	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 1M54449.D
Acq On : 02/23/10 12:41
Operator : WP
Sam Mult : 1 Vial# : 37
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 13:02
Qt Upd On: 02/23/10 12:53
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54447.D Sam Mult : 1 Vial# : 35 Qt On : 02/23/10 12:59
Acq On : 02/23/10 12:08 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	174638	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	131337	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	74780	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	47902	29.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.77%			
35) 1,2-Dichloroethane-d4	4.398	102	8398	28.47	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.90%			
59) Toluene-d8	5.581	100	118552	32.42	ug/l	0.00
Spiked Amount 30.000			Recovery = 108.07%			
67) Bromofluorobenzene	7.148	174	65318	30.03	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.10%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	166003	43.99	ug/l	1
6) Dichlorodifluoromethane	1.393	85	95145	32.14	ug/l	96
7) Chloromethane	1.510	50	122007	47.26	ug/l	98
8) Bromomethane	1.828	94	48951	45.31	ug/l	97
9) Vinyl Chloride	1.594	62	82637	43.86	ug/l	99
10) Chloroethane	1.895	64	48138	41.93	ug/l	100
11) Trichlorofluoromethane	2.096	101	178084	42.39	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	93948	43.83	ug/l	95
13) Methylene Chloride	2.831	84	103044	43.23	ug/l	99
14) Acrolein	2.388	56	53005	235.10	ug/l	100
15) Acrylonitrile	2.999	53	23280	45.03	ug/l	95
16) Iodomethane	2.595	142	152031	45.68	ug/l	74
17) Acetone	2.496	43	87867	217.70	ug/l	96
18) Carbon Disulfide	2.654	76	275963	43.31	ug/l	100
19) t-Butyl Alcohol	2.900	59	13810	238.84	ug/l	86
20) n-Hexane	3.275	57	157351	42.63	ug/l	92
21) Di-isopropyl-ether	3.423	45	395869	46.77	ug/l	87
22) 1,1-Dichloroethene	2.476	61	210604	44.75	ug/l	91
23) Methyl Acetate	2.743	43	53054	45.14	ug/l	100
24) Methyl-t-butyl ether	3.048	73	141957	45.64	ug/l	71
25) 1,1-Dichloroethane	3.373	63	221952	44.64	ug/l	100
26) trans-1,2-Dichloroethene	3.048	96	103546	47.05	ug/l	86
27) cis-1,2-Dichloroethene	3.837	61	216726	46.68	ug/l	90
28) Bromochloromethane	4.014	49	99839	44.96	ug/l	81
29) 2,2-Dichloropropane	3.846	77	139366	45.19	ug/l	92
30) 1,4-Dioxane	5.059	88	27344	2405.25	ug/l	72
31) 1,1-Dichloropropene	4.319	75	177638	46.63	ug/l	93
32) Chloroform	4.063	83	195635	46.01	ug/l	99
34) Cyclohexane	4.260	56	238744	45.19	ug/l	87
36) 1,2-Dichloroethane	4.448	62	148692	44.78	ug/l	96
37) 2-Butanone	3.837	43	31785	44.74	ug/l	93
38) 1,1,1-Trichloroethane	4.211	97	164617	46.16	ug/l	97
39) Carbon Tetrachloride	4.329	117	144385	46.05	ug/l	90
40) Vinyl Acetate	3.423	43	335799	46.17	ug/l	100
41) Bromodichloromethane	5.138	83	159349	46.95	ug/l	94
42) Methylcyclohexane	4.980	83	203966	47.16	ug/l	83
43) Dibromomethane	5.049	174	68215	46.71	ug/l	94
44) 1,2-Dichloropropane	4.980	63	118101	45.82	ug/l	86
45) Trichloroethene	4.842	130	125683	47.69	ug/l	89
46) Benzene	4.448	78	420400	44.68	ug/l	100
47) tert-Amyl methyl ether	4.507	73	135321	46.22	ug/l	88
49) Dibromochloromethane	6.094	129	97911	53.77	ug/l	98
50) 2-Chloroethylvinylether	5.305	63	46744	54.47	ug/l	90
51) cis-1,3-Dichloropropene	5.404	75	168580	54.40	ug/l	96
52) trans-1,3-Dichloropropene	5.729	75	133533	54.49	ug/l	96
53) 1,1,2-Trichloroethane	5.847	97	71798	54.06	ug/l	97
54) 1,2-Dibromoethane	6.172	107	74297	53.51	ug/l	93
55) 1,3-Dichloropropane	5.946	76	134489	54.94	ug/l	95
56) 4-Methyl-2-Pentanone	5.482	43	71142	53.24	ug/l	98
57) 2-Hexanone	5.975	43	49118	54.08	ug/l	91
58) Tetrachloroethene	5.965	164	119344	55.19	ug/l	98
60) Toluene	5.620	92	273105	52.62	ug/l	94
61) 1,1,1,2-Tetrachloroethane	6.507	133	98427	57.31	ug/l	96
62) Chlorobenzene	6.468	112	291937	54.60	ug/l	100
64) Bromoform	6.961	173	65050	55.19	ug/l	97
65) Ethylbenzene	6.517	106	119576	59.39	ug/l	88
66) 1,1,2,2-Tetrachloroethane	7.207	83	79460	53.69	ug/l	84
68) Styrene	6.833	104	306115	62.51	ug/l	85
69) m&p-Xylenes	6.586	106	372853	111.11	ug/l	95

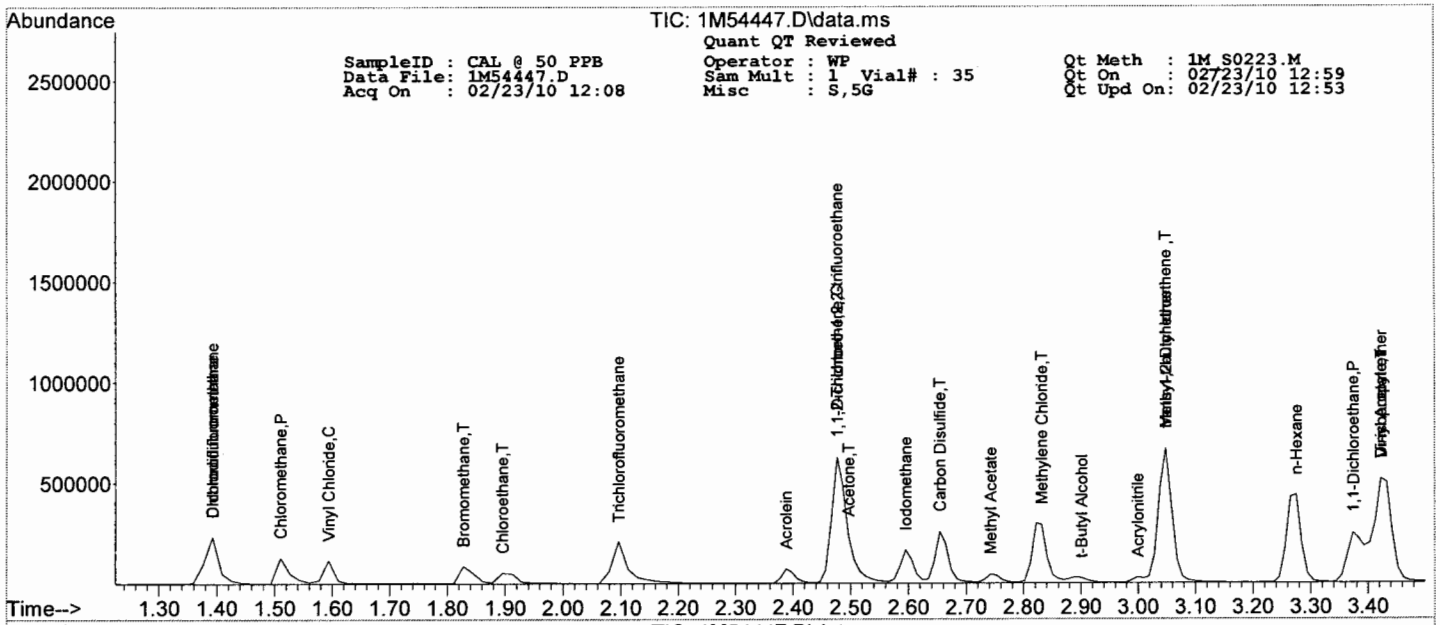
Quantitation Report (QT Reviewed)

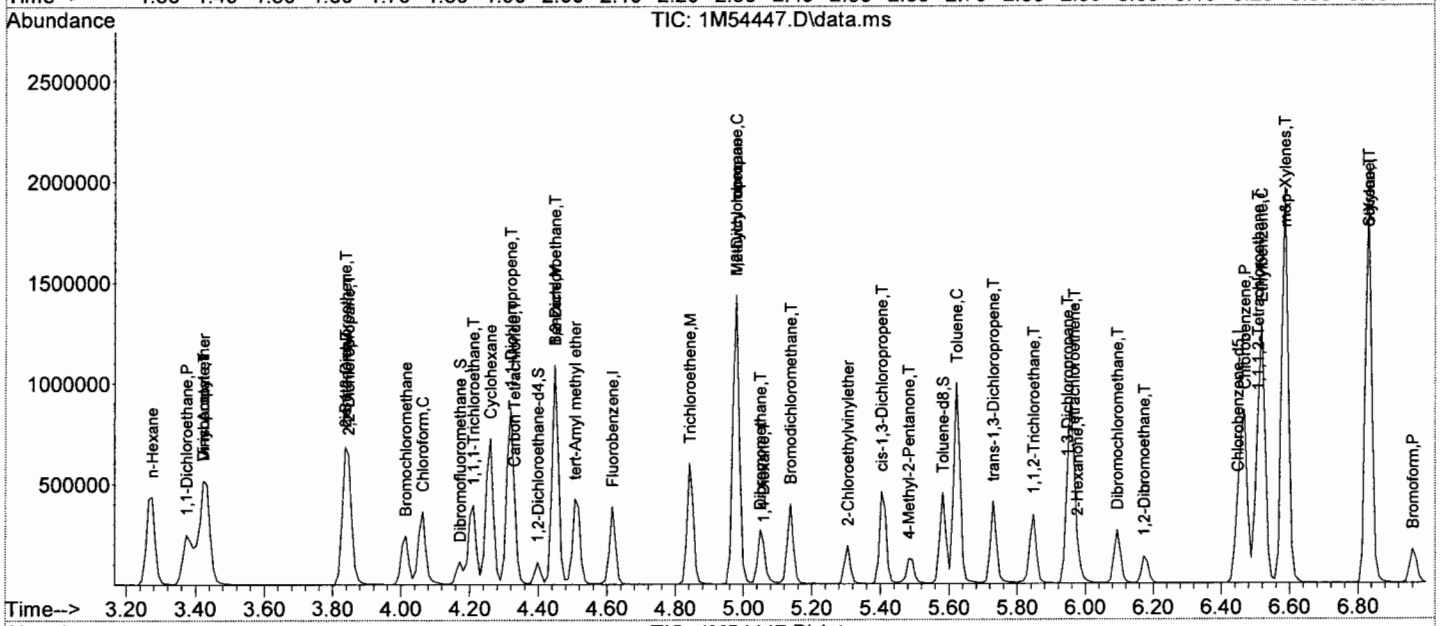
SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54447.D Sam Mult : 1 Vial# : 35 Qt On : 02/23/10 12:59
Acq On : 02/23/10 12:08 Misc : S,5G Qt Upd On: 02/23/10 12:53

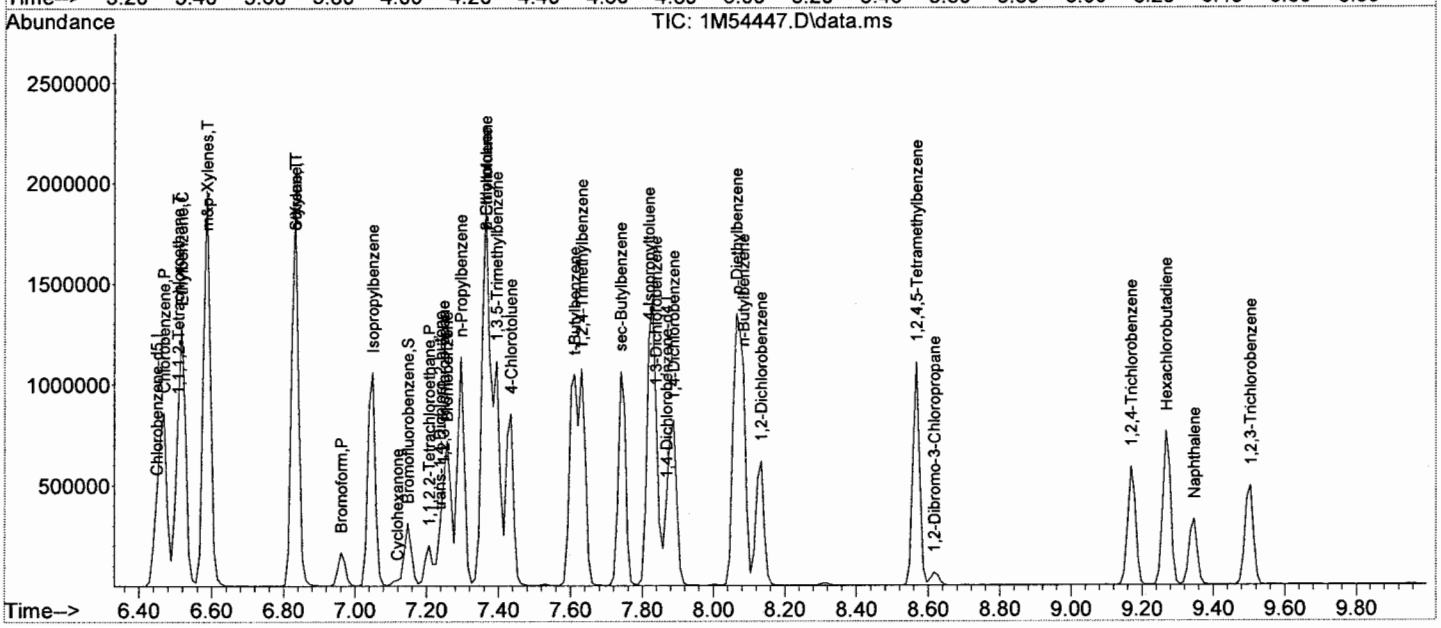
Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.833	106	182054	59.55	ug/l	82
71) trans-1,4-Dichloro-2-b...	7.237	53	32669	56.04	ug/l	71
72) 1,3-Dichlorobenzene	7.838	146	240378	57.70	ug/l	93
73) 1,4-Dichlorobenzene	7.887	146	242468	57.51	ug/l	93
74) 1,2-Dichlorobenzene	8.134	146	213586	56.27	ug/l	94
75) Isopropylbenzene	7.050	105	522348	60.54	ug/l	98
76) Cyclohexanone	7.119	55	11419	275.78	ug/l	96
77) 1,2,3-Trichloropropane	7.247	75	107049	55.73	ug/l	91
78) 2-Chlorotoluene	7.365	91	316555	59.93	ug/l	94
79) p-Ethyltoluene	7.365	105	548780	51.07	ug/l	100
80) 4-Chlorotoluene	7.434	91	294165	54.39	ug/l	98
81) n-Propylbenzene	7.296	91	644637	59.38	ug/l	97
82) Bromobenzene	7.257	77	300227	55.91	ug/l	85
83) 1,3,5-Trimethylbenzene	7.394	105	456484m	71.98	ug/l	
84) t-Butylbenzene	7.611	119	433956	61.38	ug/l	89
85) 1,2,4-Trimethylbenzene	7.631	105	455266	60.83	ug/l	97
86) sec-Butylbenzene	7.739	105	577436	59.91	ug/l	99
87) 4-Isopropyltoluene	7.818	119	459968	60.75	ug/l	94
88) n-Butylbenzene	8.084	91	582046	58.77	ug/l	100
89) p-Diethylbenzene	8.065	119	312779	62.30	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.567	119	470885	62.86	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	8.617	157	15106	54.11	ug/l	80
92) Hexachlorobutadiene	9.267	225	160735	52.89	ug/l	98
93) 1,2,4-Trichlorobenzene	9.169	180	171963	54.93	ug/l	99
94) 1,2,3-Trichlorobenzene	9.504	180	151312	53.38	ug/l	94
95) Naphthalene	9.346	128	222954	56.32	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54447.D\data.ms
SampleID : CAL @ 50 PPB
Data File: 1M54447.D
Acq On : 02/23/10 12:08
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 35
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 12:59
Qt Upd On: 02/23/10 12:53
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M54447.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->


Abundance
TIC: 1M54447.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54446.D Sam Mult : 1 Vial# : 34 Qt On : 02/23/10 12:57
Acq On : 02/23/10 11:52 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.616	96	163642	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	122646	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.869	152	72160	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.173	111	44601	29.14	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.13%			
35) 1,2-Dichloroethane-d4	4.399	102	7926	28.67	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.57%			
59) Toluene-d8	5.582	100	111921	32.77	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.23%			
67) Bromofluorobenzene	7.149	174	63804	30.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.33%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	303422	85.80	ug/l	1
6) Dichlorodifluoromethane	1.376	85	195059	70.32	ug/l	93
7) Chloromethane	1.510	50	223368	92.33	ug/l	99
8) Bromomethane	1.829	94	93560	92.41	ug/l	99
9) Vinyl Chloride	1.594	62	149073	84.44	ug/l	99
10) Chloroethane	1.896	64	92551	86.03	ug/l	95
11) Trichlorofluoromethane	2.097	101	353339	89.75	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.478	101	175487	87.36	ug/l	95
13) Methylene Chloride	2.822	84	189219	84.72	ug/l	90
14) Acrolein	2.389	56	98119	464.44	ug/l	99
15) Acrylonitrile	3.000	53	45494	93.91	ug/l	92
16) Iodomethane	2.596	142	287163	92.08	ug/l	72
17) Acetone	2.497	43	163798	433.11	ug/l	98
18) Carbon Disulfide	2.655	76	536674	89.88	ug/l	100
19) t-Butyl Alcohol	2.891	59	24895	459.49	ug/l	85
20) n-Hexane	3.266	57	309957	89.62	ug/l	91
21) Di-isopropyl-ether	3.424	45	734989	92.67	ug/l	87
22) 1,1-Dichloroethene	2.478	61	404258	91.66	ug/l	91
23) Methyl Acetate	2.744	43	99774	90.59	ug/l	100
24) Methyl-t-butyl ether	3.049	73	265993	91.27	ug/l	70
25) 1,1-Dichloroethane	3.374	63	424837	91.20	ug/l	100
26) trans-1,2-Dichloroethene	3.049	96	194022	94.08	ug/l	83
27) cis-1,2-Dichloroethene	3.838	61	410469	94.36	ug/l	91
28) Bromochloromethane	4.005	49	183354	88.11	ug/l	69
29) 2,2-Dichloropropane	3.847	77	275136	95.20	ug/l	92
30) 1,4-Dioxane	5.050	88	52797	4956.22	ug/l	74
31) 1,1-Dichloropropene	4.311	75	332874	93.24	ug/l	99
32) Chloroform	4.054	83	367109	92.15	ug/l	100
34) Cyclohexane	4.252	56	458290	92.57	ug/l	87
36) 1,2-Dichloroethane	4.449	62	271125	87.14	ug/l	99
37) 2-Butanone	3.838	43	59560	89.48	ug/l	91
38) 1,1,1-Trichloroethane	4.202	97	313769	93.89	ug/l	96
39) Carbon Tetrachloride	4.321	117	273528	93.10	ug/l	93
40) Vinyl Acetate	3.424	43	628976	92.30	ug/l	100
41) Bromodichloromethane	5.139	83	299761	94.26	ug/l	96
42) Methylcyclohexane	4.971	83	378610	93.42	ug/l	83
43) Dibromomethane	5.050	174	127758	93.36	ug/l	94
44) 1,2-Dichloropropane	4.971	63	217258	89.96	ug/l	92
45) Trichloroethene	4.843	130	231974	93.94	ug/l	95
46) Benzene	4.449	78	760746	86.29	ug/l	100
47) tert-Amyl methyl ether	4.508	73	257082	93.71	ug/l	91
49) Dibromochloromethane	6.095	129	183137	107.70	ug/l	100
50) 2-Chloroethylvinylether	5.296	63	95439	119.10	ug/l	89
51) cis-1,3-Dichloropropene	5.405	75	326361	112.78	ug/l	97
52) trans-1,3-Dichloropropene	5.730	75	260056	113.63	ug/l	93
53) 1,1,2-Trichloroethane	5.838	97	130448	105.18	ug/l	91
54) 1,2-Dibromoethane	6.173	107	139871	107.87	ug/l	95
55) 1,3-Dichloropropane	5.947	76	250016	109.38	ug/l	96
56) 4-Methyl-2-Pentanone	5.484	43	138908	111.31	ug/l	99
57) 2-Hexanone	5.976	43	93510	110.25	ug/l	95
58) Tetrachloroethene	5.957	164	215072	106.51	ug/l	100
60) Toluene	5.621	92	497078	102.56	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.499	133	176993	110.36	ug/l	92
62) Chlorobenzene	6.459	112	538827	107.92	ug/l	99
64) Bromoform	6.962	173	124357	109.34	ug/l	94
65) Ethylbenzene	6.518	106	221696	114.10	ug/l	96
66) 1,1,2,2-Tetrachloroethane	7.198	83	142611	99.86	ug/l	92
68) Styrene	6.834	104	549140	116.20	ug/l	96
69) m&p-Xylenes	6.587	106	663711	204.96	ug/l	100

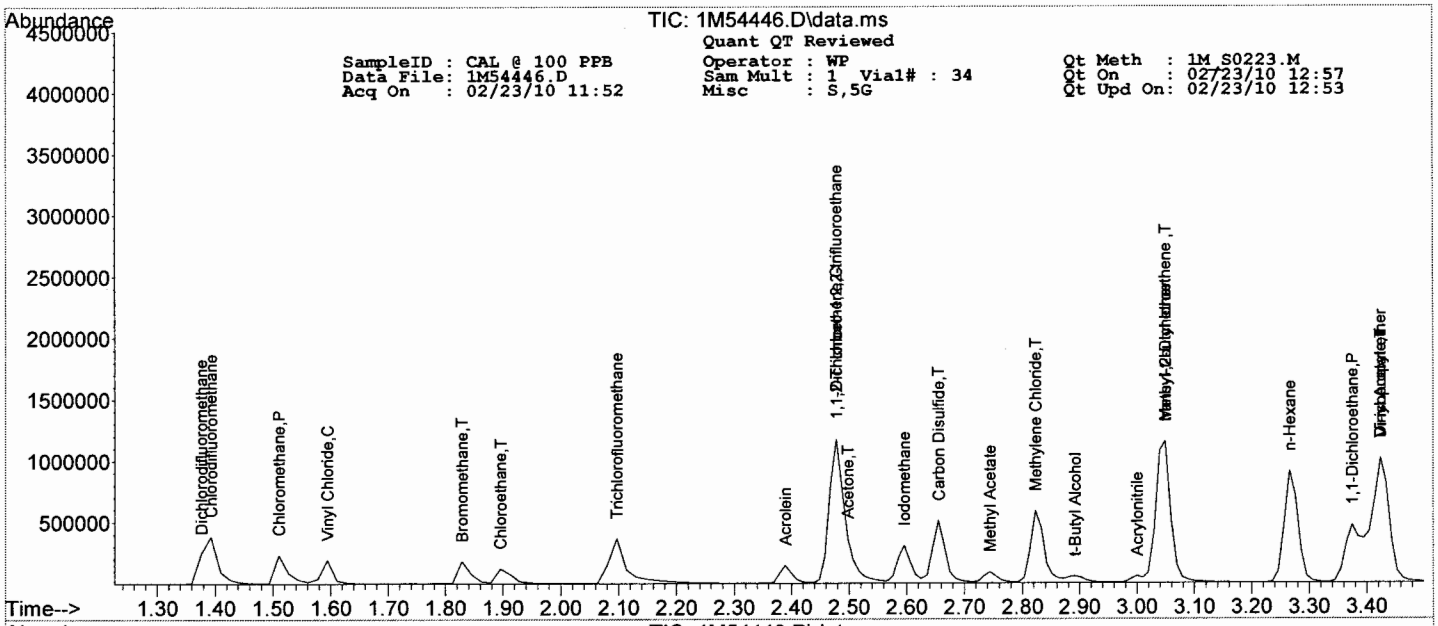
Quantitation Report (QT Reviewed)

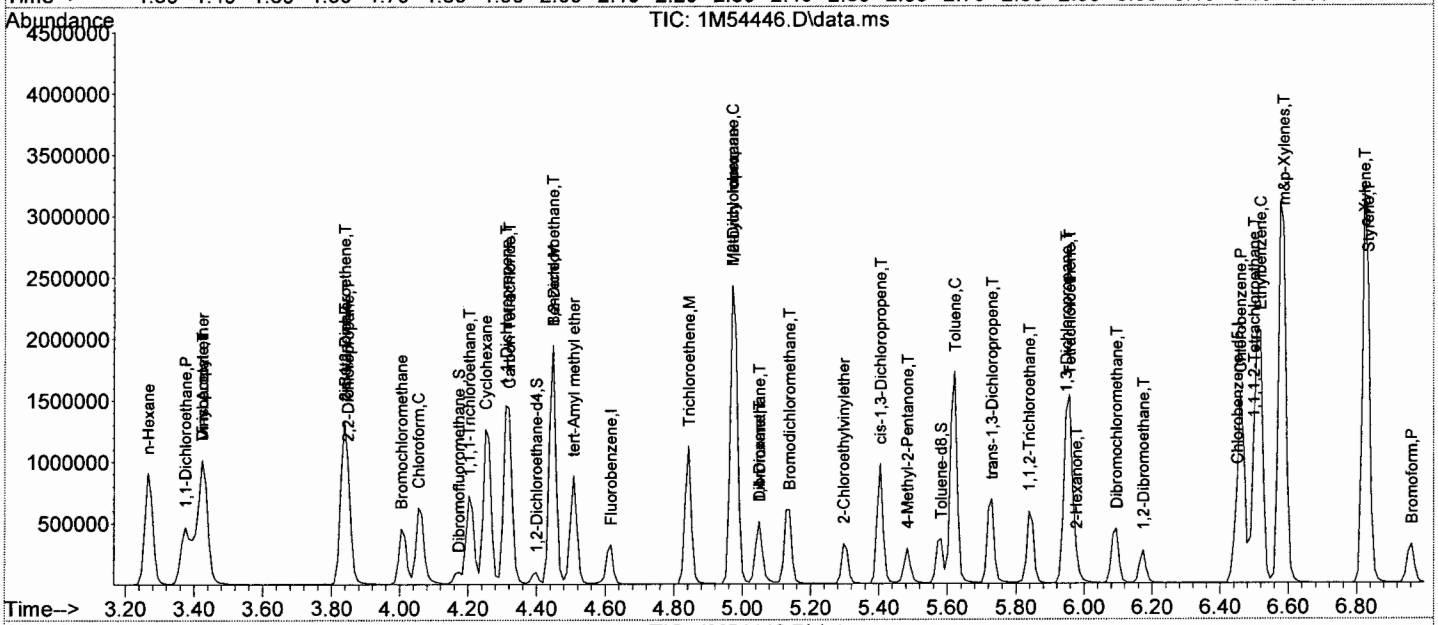
SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54446.D Sam Mult : 1 Vial# : 34 Qt On : 02/23/10 12:57
Acq On : 02/23/10 11:52 Misc : S,5G Qt Upd On: 02/23/10 12:53

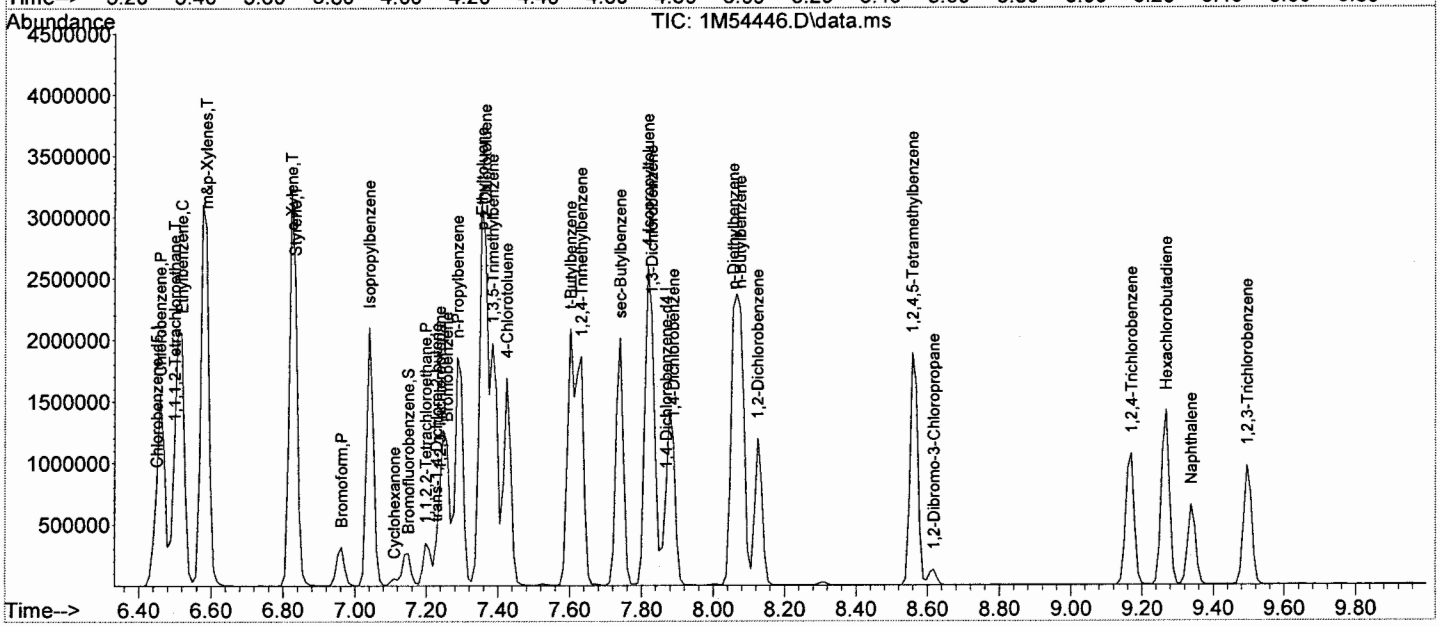
Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.824	106	334704	113.46 ug/l	83
71) trans-1,4-Dichloro-2-b...	7.228	53	61466	109.26 ug/l	74
72) 1,3-Dichlorobenzene	7.829	146	435454	108.32 ug/l	92
73) 1,4-Dichlorobenzene	7.888	146	447017	109.88 ug/l	94
74) 1,2-Dichlorobenzene	8.125	146	393157	107.34 ug/l	93
75) Isopropylbenzene	7.041	105	983076	118.08 ug/l	98
76) Cyclohexanone	7.110	55	22908	573.33 ug/l	98
77) 1,2,3-Trichloropropane	7.238	75	205071	110.63 ug/l	90
78) 2-Chlorotoluene	7.366	91	577551	113.31 ug/l	97
79) p-Ethyltoluene	7.356	105	1075155	103.69 ug/l	96
80) 4-Chlorotoluene	7.425	91	580082	111.14 ug/l	96
81) n-Propylbenzene	7.287	91	1177282	112.38 ug/l	97
82) Bromobenzene	7.258	77	570677	110.14 ug/l	85
83) 1,3,5-Trimethylbenzene	7.386	105	728475	119.03 ug/l	97
84) t-Butylbenzene	7.603	119	795716	116.64 ug/l	89
85) 1,2,4-Trimethylbenzene	7.632	105	821614	113.76 ug/l	96
86) sec-Butylbenzene	7.740	105	1057657	113.73 ug/l	99
87) 4-Isopropyltoluene	7.819	119	837406	114.62 ug/l	94
88) n-Butylbenzene	8.076	91	1069047	111.86 ug/l	99
89) p-Diethylbenzene	8.056	119	573332	118.34 ug/l	96
90) 1,2,4,5-Tetramethylben...	8.559	119	871189	120.52 ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.618	157	30317	112.53 ug/l	89
92) Hexachlorobutadiene	9.268	225	298098	101.64 ug/l	98
93) 1,2,4-Trichlorobenzene	9.170	180	327313	108.36 ug/l	97
94) 1,2,3-Trichlorobenzene	9.495	180	294787	107.76 ug/l	97
95) Naphthalene	9.337	128	432198	113.14 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54446.D\data.ms
SampleID : CAL @ 100 PPB
Data File: 1M54446.D
Acq On : 02/23/10 11:52
Quant QT Reviewed
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 12:57
Qt Upd On: 02/23/10 12:53
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M54446.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,S
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Time-->


Abundance
TIC: 1M54446.D\data.ms
Chlorobenzene-d5,S
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54445.D Sam Mult : 1 Vial# : 33 Qt On : 02/23/10 12:55
Acq On : 02/23/10 11:36 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.614	96	170328	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	127708	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	69405	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	43856	27.53	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.77%		
35) 1,2-Dichloroethane-d4	4.398	102	8425	29.28	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.60%		
59) Toluene-d8	5.580	100	117224	32.97	ug/l	0.00
Spiked Amount 30.000			Recovery =	109.90%		
67) Bromofluorobenzene	7.147	174	67981	33.68	ug/l	0.00
Spiked Amount 30.000			Recovery =	112.27%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.382	51	805709	218.90	ug/l	1
6) Dichlorodifluoromethane	1.382	85	554180	191.95	ug/l	95
7) Chloromethane	1.517	50	479893	190.58	ug/l	100
8) Bromomethane	1.835	94	198060	187.95	ug/l	98
9) Vinyl Chloride	1.584	62	365851	199.10	ug/l	96
10) Chloroethane	1.902	64	212892	190.13	ug/l	96
11) Trichlorofluoromethane	2.086	101	746892	182.27	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	392146	187.56	ug/l	95
13) Methylene Chloride	2.821	84	434366	186.84	ug/l	87
14) Acrolein	2.387	56	231523	1052.88	ug/l	99
15) Acrylonitrile	2.998	53	109082	216.33	ug/l	99
16) Iodomethane	2.594	142	677230	208.64	ug/l	73
17) Acetone	2.495	43	375954	955.06	ug/l	99
18) Carbon Disulfide	2.653	76	1235837	198.84	ug/l	100
19) t-Butyl Alcohol	2.890	59	58886	1044.21	ug/l	86
20) n-Hexane	3.264	57	722744	200.78	ug/l	89
21) Di-isopropyl-ether	3.422	45	1643843	199.12	ug/l	86
22) 1,1-Dichloroethene	2.476	61	904937	197.13	ug/l	91
23) Methyl Acetate	2.742	43	225400	196.62	ug/l	100
24) Methyl-t-butyl ether	3.047	73	602637	198.67	ug/l	70
25) 1,1-Dichloroethane	3.373	63	982594	202.64	ug/l	99
26) trans-1,2-Dichloroethene	3.047	96	430343	200.49	ug/l	87
27) cis-1,2-Dichloroethene	3.836	61	908696	200.69	ug/l	89
28) Bromochloromethane	4.003	49	421940	194.81	ug/l	66
29) 2,2-Dichloropropane	3.846	77	625374	207.90	ug/l	93
30) 1,4-Dioxane	5.048	88	121676	10973.76	ug/l	65
31) 1,1-Dichloropropene	4.309	75	695905	187.28	ug/l	97
32) Chloroform	4.062	83	845811	203.97	ug/l	100
34) Cyclohexane	4.260	56	1039109	201.64	ug/l	86
36) 1,2-Dichloroethane	4.447	62	585216	180.71	ug/l	98
37) 2-Butanone	3.836	43	138387	199.74	ug/l	91
38) 1,1,1-Trichloroethane	4.210	97	712851	204.94	ug/l	96
39) Carbon Tetrachloride	4.319	117	604033	197.51	ug/l	92
40) Vinyl Acetate	3.422	43	1437318	202.64	ug/l	100
41) Bromodichloromethane	5.137	83	682756	206.26	ug/l	96
42) Methylcyclohexane	4.979	83	800390	189.73	ug/l	85
43) Dibromomethane	5.048	174	288908	202.84	ug/l	95
44) 1,2-Dichloropropane	4.979	63	456669	181.68	ug/l	90
45) Trichloroethene	4.841	130	511298	198.93	ug/l	90
46) Benzene	4.447	78	1590120	173.29	ug/l	100
47) tert-Amyl methyl ether	4.506	73	597211	209.14	ug/l	93
49) Dibromochloromethane	6.093	129	432725	244.39	ug/l	100
50) 2-Chloroethylvinylether	5.304	63	236486	283.41	ug/l	91
51) cis-1,3-Dichloropropene	5.403	75	770935	255.85	ug/l	98
52) trans-1,3-Dichloropropene	5.728	75	628791	263.85	ug/l	95
53) 1,1,2-Trichloroethane	5.846	97	303408	234.95	ug/l	98
54) 1,2-Dibromoethane	6.172	107	324014	239.98	ug/l	93
55) 1,3-Dichloropropane	5.945	76	532035	223.53	ug/l	96
56) 4-Methyl-2-Pentanone	5.482	43	331115	254.82	ug/l	100
57) 2-Hexanone	5.974	43	221759	251.10	ug/l	98
58) Tetrachloroethene	5.955	164	452510	215.21	ug/l	98
60) Toluene	5.620	92	1078990	213.79	ug/l	93
61) 1,1,1,2-Tetrachloroethane	6.507	133	386574	231.48	ug/l	98
62) Chlorobenzene	6.467	112	1177913	226.57	ug/l	97
64) Bromoform	6.960	173	300140	274.37	ug/l	96
65) Ethylbenzene	6.517	106	450990	241.33	ug/l	98
66) 1,1,2,2-Tetrachloroethane	7.206	83	340622	247.97	ug/l	91
68) Styrene	6.832	104	1088011	239.37	ug/l	84
69) m&p-Xylenes	6.585	106	1282006	411.62	ug/l	99

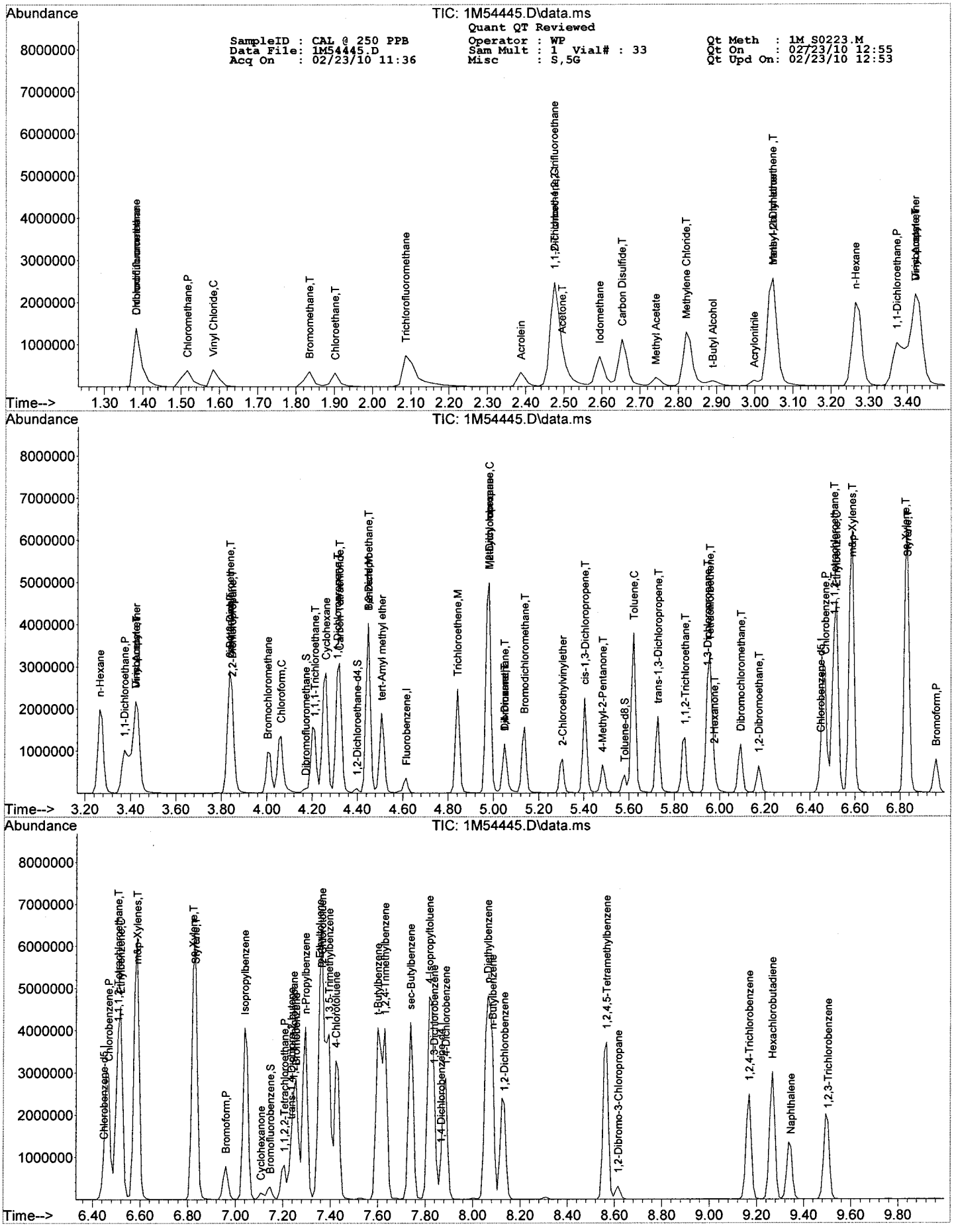
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54445.D Sam Mult : 1 Vial# : 33 Qt On : 02/23/10 12:55
Acq On : 02/23/10 11:36 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.822	106	677436	238.76 ug/l	83
71) trans-1,4-Dichloro-2-b...	7.236	53	145698	269.27 ug/l	69
72) 1,3-Dichlorobenzene	7.837	146	863120	223.22 ug/l	90
73) 1,4-Dichlorobenzene	7.886	146	967033	247.15 ug/l	93
74) 1,2-Dichlorobenzene	8.133	146	857907	243.51 ug/l	92
75) Isopropylbenzene	7.039	105	2040568	254.83 ug/l	96
76) Cyclohexanone	7.108	55	54671	1422.59 ug/l	99
77) 1,2,3-Trichloropropane	7.246	75	468052	262.52 ug/l	89
78) 2-Chlorotoluene	7.364	91	1031217	210.35 ug/l	93
79) p-Ethyltoluene	7.354	105	1935845	194.10 ug/l	93
80) 4-Chlorotoluene	7.423	91	1095680	218.26 ug/l	96
81) n-Propylbenzene	7.295	91	2441196	242.28 ug/l	95
82) Bromobenzene	7.256	77	1260465	252.93 ug/l	84
83) 1,3,5-Trimethylbenzene	7.394	105	1599643m	271.76 ug/l	
84) t-Butylbenzene	7.601	119	1655172	252.25 ug/l	87
85) 1,2,4-Trimethylbenzene	7.630	105	1689124	243.16 ug/l	96
86) sec-Butylbenzene	7.739	105	2187479	244.55 ug/l	100
87) 4-Isopropyltoluene	7.817	119	1651531	235.03 ug/l	92
88) n-Butylbenzene	8.084	91	2164323	235.46 ug/l	99
89) p-Diethylbenzene	8.064	119	1163442	249.68 ug/l	95
90) 1,2,4,5-Tetramethylben...	8.567	119	1826806	262.74 ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.616	157	70215	270.98 ug/l	85
92) Hexachlorobutadiene	9.266	225	636873	225.78 ug/l	97
93) 1,2,4-Trichlorobenzene	9.168	180	722531	248.69 ug/l	97
94) 1,2,3-Trichlorobenzene	9.503	180	639339	242.99 ug/l	97
95) Naphthalene	9.345	128	951900	259.09 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54445.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 1M54445.D
Acq On : 02/23/10 11:36
Operator : WP
Sam Mult : 1 Vial# : 33
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 12:55
Qt Upd On: 02/23/10 12:53
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M54445.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Time-->

Abundance
TIC: 1M54445.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene
1,2-Dichlorobenzene
n-Butylbenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54444.D Sam Mult : 1 Vial# : 32 Qt On : 02/23/10 12:53
Acq On : 02/23/10 11:20 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	165816	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	124453	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	62415	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	44522	28.71	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.70%			
35) 1,2-Dichloroethane-d4	4.398	102	7394	26.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 88.00%			
59) Toluene-d8	5.581	100	114994	33.19	ug/l	0.00
Spiked Amount 30.000			Recovery = 110.63%			
67) Bromofluorobenzene	7.148	174	66257	36.50	ug/l	0.00
Spiked Amount 30.000			Recovery = 121.67%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	1314959	366.98	ug/l	1
6) Dichlorodifluoromethane	1.376	85	960863	341.87	ug/l	96
7) Chloromethane	1.510	50	957235	390.49	ug/l	100
8) Bromomethane	1.829	94	344643	335.96	ug/l	98
9) Vinyl Chloride	1.594	62	627871	350.99	ug/l	98
10) Chloroethane	1.896	64	384671	352.89	ug/l	95
11) Trichlorofluoromethane	2.097	101	1374746	344.61	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.477	101	674187	331.23	ug/l	93
13) Methylene Chloride	2.822	84	785032	346.87	ug/l	89
14) Acrolein	2.388	56	433977	2027.27	ug/l	99
15) Acrylonitrile	2.999	53	194590	396.40	ug/l	99
16) Iodomethane	2.595	142	1190181	376.64	ug/l	74
17) Acetone	2.496	43	683988	1784.85	ug/l	98
18) Carbon Disulfide	2.654	76	2188133	361.65	ug/l	100
19) t-Butyl Alcohol	2.890	59	120307	2191.42	ug/l	92
20) n-Hexane	3.265	57	1249086	356.44	ug/l	91
21) Di-isopropyl-ether	3.423	45	2824336	351.42	ug/l	87
22) 1,1-Dichloroethene	2.477	61	1577127	352.91	ug/l	91
23) Methyl Acetate	2.743	43	413638	370.63	ug/l	100
24) Methyl-t-butyl ether	3.048	73	1040600	352.38	ug/l	70
25) 1,1-Dichloroethane	3.373	63	1755030	371.80	ug/l	100
26) trans-1,2-Dichloroethene	3.048	96	732580	350.58	ug/l	87
27) cis-1,2-Dichloroethene	3.837	61	1543313	350.12	ug/l	89
28) Bromochloromethane	4.004	49	785928	372.73	ug/l	69
29) 2,2-Dichloropropane	3.847	77	1108184	378.43	ug/l	92
30) 1,4-Dioxane	5.049	88	210728	19522.36	ug/l	65
31) 1,1-Dichloropropene	4.310	75	1123759	310.66	ug/l	97
32) Chloroform	4.063	83	1492486	369.72	ug/l	98
34) Cyclohexane	4.260	56	1749342	348.70	ug/l	87
36) 1,2-Dichloroethane	4.448	62	957564	303.73	ug/l	95
37) 2-Butanone	3.837	43	236178	350.16	ug/l	90
38) 1,1,1-Trichloroethane	4.201	97	1255842	370.87	ug/l	96
39) Carbon Tetrachloride	4.329	117	981691	329.74	ug/l	89
40) Vinyl Acetate	3.423	43	2535083	367.14	ug/l	100
41) Bromodichloromethane	5.138	83	1187657	368.55	ug/l	94
42) Methylcyclohexane	4.980	83	1247063	303.66	ug/l	87
43) Dibromomethane	5.049	174	504725	364.01	ug/l	95
44) 1,2-Dichloropropane	4.980	63	722487	295.25	ug/l	90
45) Trichloroethene	4.842	130	854068	341.32	ug/l	91
46) Benzene	4.448	78	2553027	285.80	ug/l	100
47) tert-Amyl methyl ether	4.507	73	1044682	375.80	ug/l	93
49) Dibromochloromethane	6.094	129	777723	450.72	ug/l	98
50) 2-Chloroethylvinylether	5.305	63	431927	531.18	ug/l	92
51) cis-1,3-Dichloropropene	5.404	75	1341358	456.80	ug/l	100
52) trans-1,3-Dichloropropene	5.729	75	1129625	486.41	ug/l	94
53) 1,1,2-Trichloroethane	5.847	97	541434	430.23	ug/l	99
54) 1,2-Dibromoethane	6.172	107	591804	449.79	ug/l	94
55) 1,3-Dichloropropane	5.946	76	869451	374.84	ug/l	98
56) 4-Methyl-2-Pentanone	5.483	43	601695	475.17	ug/l	94
57) 2-Hexanone	5.975	43	394708	458.62	ug/l	98
58) Tetrachloroethene	5.956	164	702840	343.01	ug/l	99
60) Toluene	5.621	92	1760897	358.03	ug/l	88
61) 1,1,1,2-Tetrachloroethane	6.508	133	620594	381.33	ug/l	100
62) Chlorobenzene	6.468	112	1918914	378.76	ug/l	97
64) Bromoform	6.961	173	547717	556.76	ug/l	96
65) Ethylbenzene	6.517	106	658799	392.02	ug/l	96
66) 1,1,2,2-Tetrachloroethane	7.207	83	614830	497.73	ug/l	90
68) Styrene	6.833	104	1583889	387.50	ug/l	77
69) m&p-Xylenes	6.586	106	1814179	647.72	ug/l	100

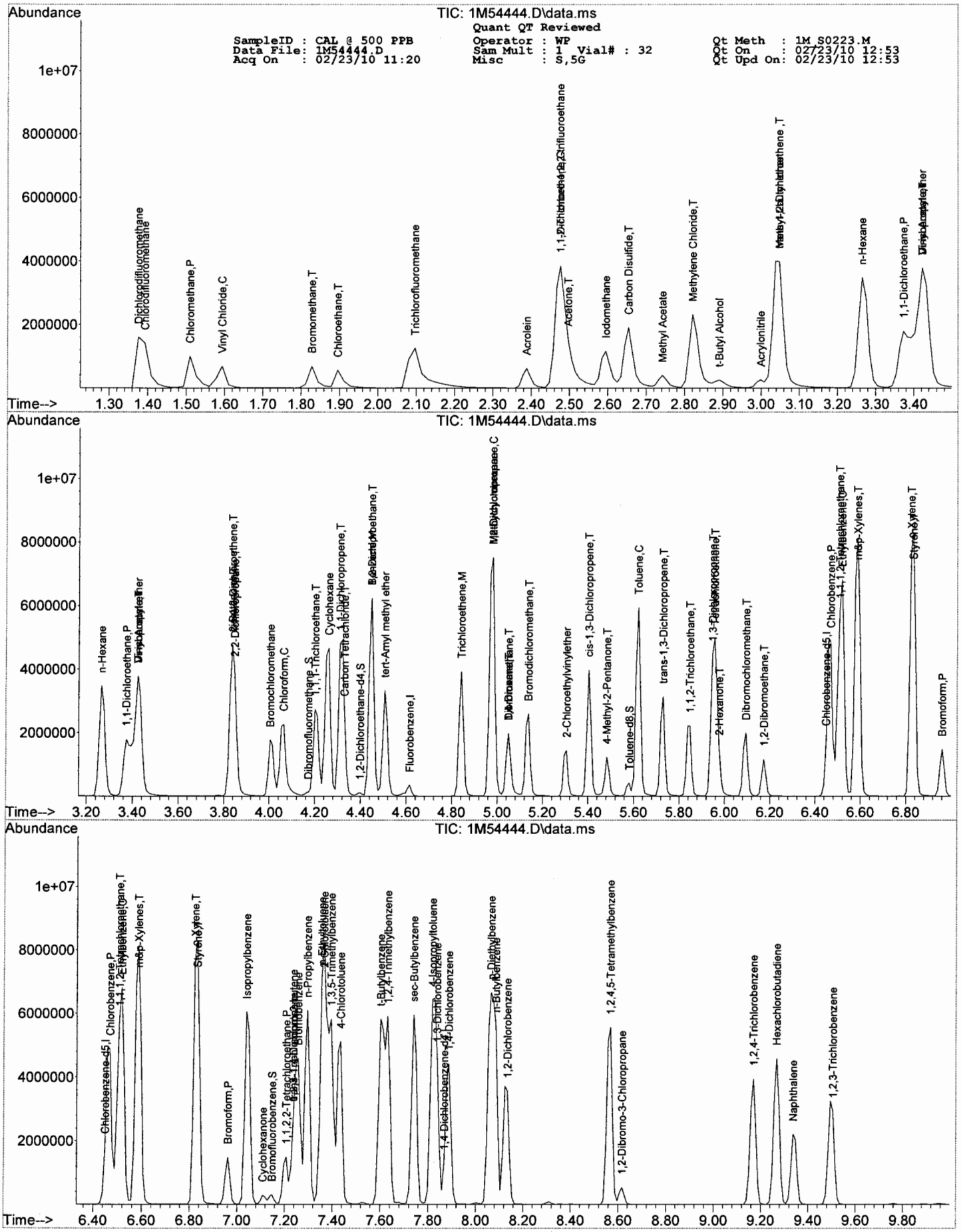
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54444.D Sam Mult : 1 Vial# : 32 Qt On : 02/23/10 12:53
Acq On : 02/23/10 11:20 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.823	106	976275	382.62 ug/l	84
71) trans-1,4-Dichloro-2-b...	7.237	53	256331	526.78 ug/l	65
72) 1,3-Dichlorobenzene	7.838	146	1241365	357.00 ug/l	90
73) 1,4-Dichlorobenzene	7.887	146	1493028	424.31 ug/l	92
74) 1,2-Dichlorobenzene	8.134	146	1349111	425.83 ug/l	91
75) Isopropylbenzene	7.040	105	3112426	432.21 ug/l	95
76) Cyclohexanone	7.109	55	97912	2833.08 ug/l	98
77) 1,2,3-Trichloropropane	7.237	75	794656	495.63 ug/l	88
78) 2-Chlorotoluene	7.365	91	1311326	297.44 ug/l	92
79) p-Ethyltoluene	7.355	105	2669784	297.67 ug/l	90
80) 4-Chlorotoluene	7.434	91	1682655	372.72 ug/l	96
81) n-Propylbenzene	7.296	91	3674264	405.50 ug/l	94
82) Bromobenzene	7.257	77	2041312	455.49 ug/l	84
83) 1,3,5-Trimethylbenzene	7.395	105	2383435	450.26 ug/l	46
84) t-Butylbenzene	7.602	119	2448777	414.99 ug/l	85
85) 1,2,4-Trimethylbenzene	7.631	105	2507299	401.36 ug/l	96
86) sec-Butylbenzene	7.740	105	3179677	395.28 ug/l	100
87) 4-Isopropyltoluene	7.818	119	2282003	361.12 ug/l	90
88) n-Butylbenzene	8.084	91	3097247	374.69 ug/l	98
89) p-Diethylbenzene	8.065	119	1629493	388.87 ug/l	95
90) 1,2,4,5-Tetramethylben...	8.567	119	2687158	429.76 ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.617	157	122370	525.14 ug/l	84
92) Hexachlorobutadiene	9.267	225	1003343	395.53 ug/l	97
93) 1,2,4-Trichlorobenzene	9.169	180	1179767	451.54 ug/l	97
94) 1,2,3-Trichlorobenzene	9.504	180	1023408	432.52 ug/l	95
95) Naphthalene	9.336	128	1566245	474.05 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54444.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 1M54444.D
Acq On : 02/23/10 11:20
Operator : WP
Sam Mult : 1 Vial# : 32
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 12:53
Qt Upd On: 02/23/10 12:53
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M54444.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
Carbon Tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->

Abundance
TIC: 1M54444.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
p-Isopropyltoluene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54453.D Sam Mult : 1 Vial# : 41 Qt On : 02/23/10 14:04
Acq On : 02/23/10 13:45 Misc : S,5G Qt Upd On: 02/23/10 14:02

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
4) Fluorobenzene	4.614	96	159490	30.00 ug/l	0.00
48) Chlorobenzene-d5	6.448	117	123308	30.00 ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	71915	30.00 ug/l	0.00
System Monitoring Compounds					
33) Dibromofluoromethane	4.171	111	45065	31.38 ug/l	0.00
Spiked Amount 30.000			Recovery =	104.60%	
35) 1,2-Dichloroethane-d4	4.398	102	7821	30.04 ug/l	0.00
Spiked Amount 30.000			Recovery =	100.13%	
59) Toluene-d8	5.580	100	103882	27.84 ug/l	0.00
Spiked Amount 30.000			Recovery =	92.80%	
67) Bromofluorobenzene	0.000	174	0d	0.00 ug/l	
Spiked Amount 30.000			Recovery =	0.00%	
Target Compounds					Qvalue
5) Chlorodifluoromethane	0.000		0	N.D. d	
6) Dichlorodifluoromethane	0.000		0	N.D. d	
7) Chloromethane	0.000		0	N.D. d	
8) Bromomethane	0.000		0	N.D. d	
9) Vinyl Chloride	0.000		0	N.D. d	
10) Chloroethane	0.000		0	N.D. d	
11) Trichlorofluoromethane	0.000		0	N.D. d	
12) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
13) Methylene Chloride	0.000		0	N.D. d	
14) Acrolein	0.000		0	N.D.	
15) Acrylonitrile	0.000		0	N.D.	
16) Iodomethane	0.000		0	N.D. d	
17) Acetone	0.000		0	N.D. d	
18) Carbon Disulfide	0.000		0	N.D. d	
19) t-Butyl Alcohol	0.000		0	N.D.	
20) n-Hexane	0.000		0	N.D. d	
21) Di-isopropyl-ether	0.000		0	N.D. d	
22) 1,1-Dichloroethene	0.000		0	N.D. d	
23) Methyl Acetate	0.000		0	N.D. d	
24) Methyl-t-butyl ether	3.047	73	2977	1.18 ug/l #	54
25) 1,1-Dichloroethane	0.000		0	N.D. d	
26) trans-1,2-Dichloroethene	0.000		0	N.D. d	
27) cis-1,2-Dichloroethene	0.000		0	N.D. d	
28) Bromochloromethane	0.000		0	N.D. d	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
30) 1,4-Dioxane	0.000		0	N.D.	
31) 1,1-Dichloropropene	0.000		0	N.D. d	
32) Chloroform	0.000		0	N.D. d	
34) Cyclohexane	0.000		0	N.D. d	
36) 1,2-Dichloroethane	0.000		0	N.D. d	
37) 2-Butanone	0.000		0	N.D. d	
38) 1,1,1-Trichloroethane	0.000		0	N.D. d	
39) Carbon Tetrachloride	0.000		0	N.D. d	
40) Vinyl Acetate	0.000		0	N.D. d	
41) Bromodichloromethane	0.000		0	N.D. d	
42) Methylcyclohexane	0.000		0	N.D. d	
43) Dibromomethane	0.000		0	N.D. d	
44) 1,2-Dichloropropane	0.000		0	N.D. d	
45) Trichloroethene	0.000		0	N.D. d	
46) Benzene	4.447	78	10540	1.37 ug/l	100
47) tert-Amyl methyl ether	0.000		0	N.D. d	
49) Dibromochloromethane	0.000		0	N.D. d	
50) 2-Chloroethylvinylether	0.000		0	N.D.	
51) cis-1,3-Dichloropropene	0.000		0	N.D. d	
52) trans-1,3-Dichloropropene	0.000		0	N.D. d	
53) 1,1,2-Trichloroethane	0.000		0	N.D. d	
54) 1,2-Dibromoethane	0.000		0	N.D. d	
55) 1,3-Dichloropropane	0.000		0	N.D. d	
56) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
57) 2-Hexanone	0.000		0	N.D.	
58) Tetrachloroethene	0.000		0	N.D. d	
60) Toluene	5.620	92	7206	1.47 ug/l	89
61) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
62) Chlorobenzene	0.000		0	N.D. d	
64) Bromoform	0.000		0	N.D. d	
65) Ethylbenzene	6.517	106	2658	1.17 ug/l	92
66) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
68) Styrene	0.000		0	N.D. d	
69) m&p-Xylenes	6.586	106	8235	2.39 ug/l	87

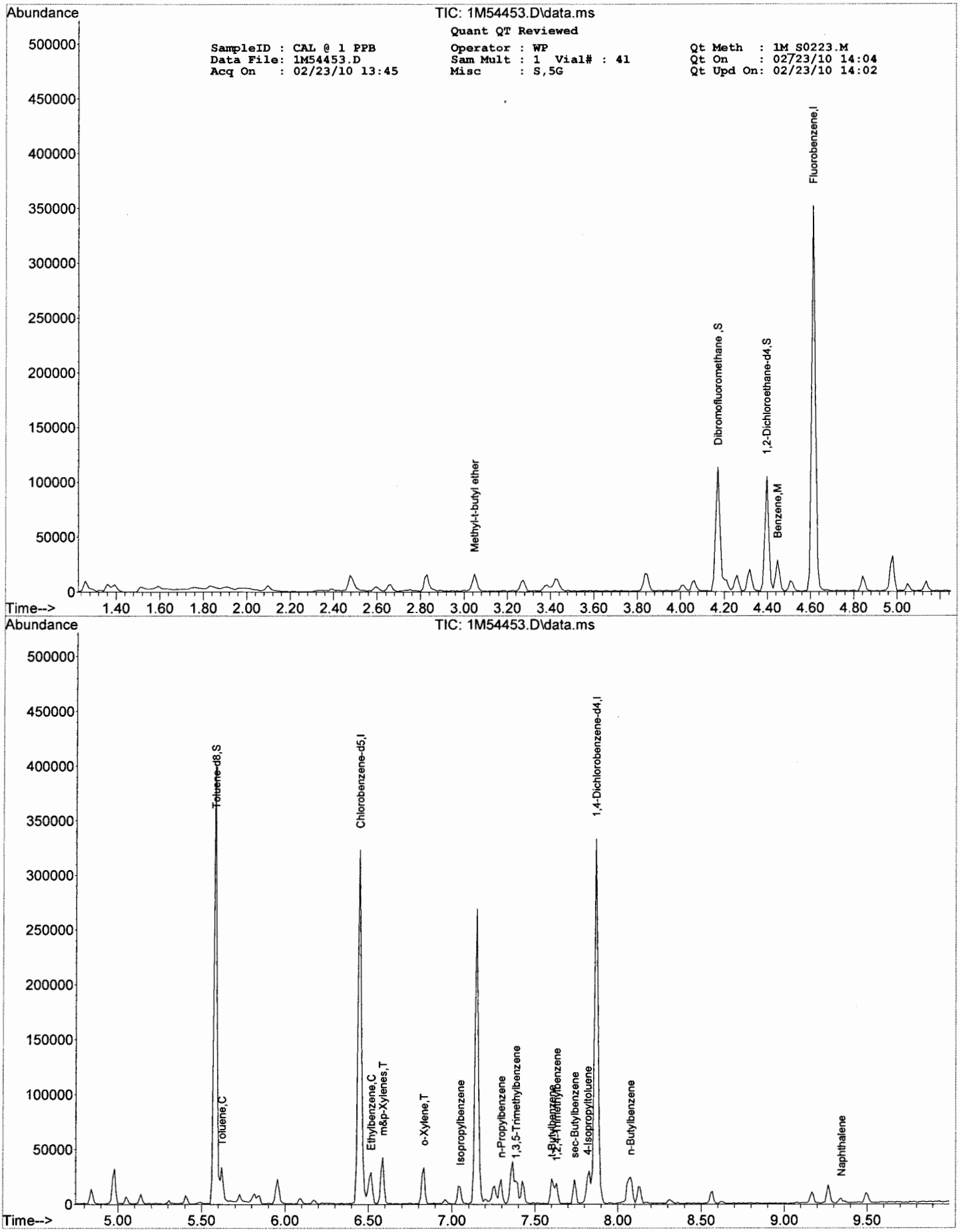
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54453.D Sam Mult : 1 Vial# : 41 Qt On : 02/23/10 14:04
Acq On : 02/23/10 13:45 Misc : S,5G Qt Upd On: 02/23/10 14:02

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.832	106	3527	1.08 ug/l	81
71) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
72) 1,3-Dichlorobenzene	0.000		0	N.D. d	
73) 1,4-Dichlorobenzene	0.000		0	N.D. d	
74) 1,2-Dichlorobenzene	0.000		0	N.D. d	
75) Isopropylbenzene	7.049	105	9456	1.02 ug/l	97
76) Cyclohexanone	0.000		0	N.D.	
77) 1,2,3-Trichloropropane	0.000		0	N.D. d	
78) 2-Chlorotoluene	0.000		0	N.D. d	
79) p-Ethyltoluene	0.000		0	N.D. d	
80) 4-Chlorotoluene	0.000		0	N.D. d	
81) n-Propylbenzene	7.295	91	13274	1.14 ug/l	100
82) Bromobenzene	0.000		0	N.D. d	
83) 1,3,5-Trimethylbenzene	7.384	105	9209m	1.17 ug/l	
84) t-Butylbenzene	7.601	119	7728	1.01 ug/l	81
85) 1,2,4-Trimethylbenzene	7.630	105	8024	1.00 ug/l	92
86) sec-Butylbenzene	7.739	105	9749	0.98 ug/l	92
87) 4-Isopropyltoluene	7.817	119	8177	1.03 ug/l	88
88) n-Butylbenzene	8.074	91	11426	1.11 ug/l	98
89) p-Diethylbenzene	0.000		0	N.D. d	
90) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
91) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
92) Hexachlorobutadiene	0.000		0	N.D. d	
93) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
94) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
95) Naphthalene	9.345	128	3878	0.97 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54453.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 1M54453.D
Acq On : 02/23/10 13:45
Operator : WP
Sam Mult : 1 Vial# : 41
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 14:04
Qt Upd On: 02/23/10 14:02
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Benzene,M
Fluorobenzene,I
Time-->
Abundance
TIC: 1M54453.D\data.ms
Toluene-d8,S
Toluene,C
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Isopropylbenzene
n-Propylbenzene
1,3,5-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
Naphthalene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54452.D Sam Mult : 1 Vial# : 40 Qt On : 02/23/10 13:46
Acq On : 02/23/10 13:29 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	165344	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	124287	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	70751	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	47060	30.43	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.43%			
35) 1,2-Dichloroethane-d4	4.398	102	8793	31.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.93%			
59) Toluene-d8	5.581	100	107983	31.20	ug/l	0.00
Spiked Amount 30.000			Recovery = 104.00%			
67) Bromofluorobenzene	7.148	174	57808	28.09	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.63%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	0.000		0	N.D.	d	
6) Dichlorodifluoromethane	0.000		0	N.D.	d	
7) Chloromethane	0.000		0	N.D.	d	
8) Bromomethane	0.000		0	N.D.		
9) Vinyl Chloride	0.000		0	N.D.	d	
10) Chloroethane	0.000		0	N.D.	d	
11) Trichlorofluoromethane	0.000		0	N.D.	d	
12) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D.		
13) Methylene Chloride	0.000		0	N.D.	d	
14) Acrolein	0.000		0	N.D.		
15) Acrylonitrile	0.000		0	N.D.		
16) Iodomethane	0.000		0	N.D.	d	
17) Acetone	0.000		0	N.D.	d	
18) Carbon Disulfide	0.000		0	N.D.	d	
19) t-Butyl Alcohol	0.000		0	N.D.		
20) n-Hexane	0.000		0	N.D.	d	
21) Di-isopropyl-ether	0.000		0	N.D.	d	
22) 1,1-Dichloroethene	0.000		0	N.D.	d	
23) Methyl Acetate	0.000		0	N.D.		
24) Methyl-t-butyl ether	0.000		0	N.D.	d	
25) 1,1-Dichloroethane	0.000		0	N.D.	d	
26) trans-1,2-Dichloroethene	0.000		0	N.D.		
27) cis-1,2-Dichloroethene	0.000		0	N.D.	d	
28) Bromochloromethane	0.000		0	N.D.	d	
29) 2,2-Dichloropropane	0.000		0	N.D.	d	
30) 1,4-Dioxane	0.000		0	N.D.		
31) 1,1-Dichloropropene	0.000		0	N.D.	d	
32) Chloroform	0.000		0	N.D.	d	
34) Cyclohexane	0.000		0	N.D.	d	
36) 1,2-Dichloroethane	0.000		0	N.D.	d	
37) 2-Butanone	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.	d	
39) Carbon Tetrachloride	0.000		0	N.D.	d	
40) Vinyl Acetate	0.000		0	N.D.	d	
41) Bromodichloromethane	0.000		0	N.D.	d	
42) Methylcyclohexane	0.000		0	N.D.	d	
43) Dibromomethane	0.000		0	N.D.		
44) 1,2-Dichloropropane	0.000		0	N.D.	d	
45) Trichloroethene	0.000		0	N.D.	d	
46) Benzene	0.000		0	N.D.	d	
47) tert-Amyl methyl ether	0.000		0	N.D.	d	
49) Dibromochloromethane	0.000		0	N.D.	d	
50) 2-Chloroethylvinylether	0.000		0	N.D.		
51) cis-1,3-Dichloropropene	0.000		0	N.D.	d	
52) trans-1,3-Dichloropropene	0.000		0	N.D.	d	
53) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
54) 1,2-Dibromoethane	0.000		0	N.D.		
55) 1,3-Dichloropropane	0.000		0	N.D.	d	
56) 4-Methyl-2-Pentanone	0.000		0	N.D.	d	
57) 2-Hexanone	0.000		0	N.D.		
58) Tetrachloroethene	0.000		0	N.D.	d	
60) Toluene	0.000		0	N.D.	d	
61) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	d	
62) Chlorobenzene	0.000		0	N.D.	d	
64) Bromoform	0.000		0	N.D.		
65) Ethylbenzene	0.000		0	N.D.	d	
66) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
68) Styrene	0.000		0	N.D.	d	
69) m&p-Xylenes	6.586	106	3747	1.18	ug/l	78

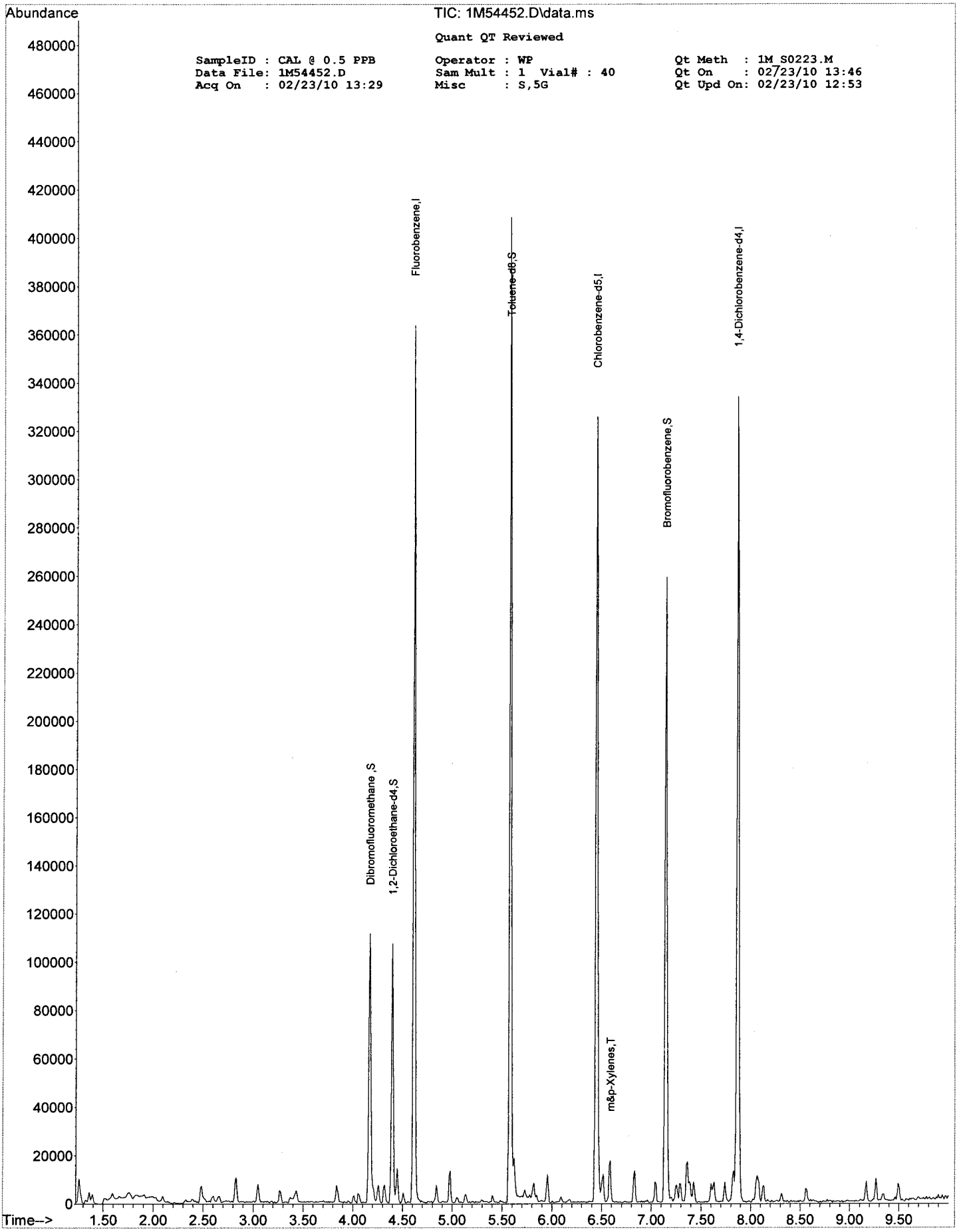
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54452.D Sam Mult : 1 Vial# : 40 Qt On : 02/23/10 13:46
Acq On : 02/23/10 13:29 Misc : S,5G Qt Upd On: 02/23/10 12:53

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	0.000		0	N.D. d	
71) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	
72) 1,3-Dichlorobenzene	0.000		0	N.D. d	
73) 1,4-Dichlorobenzene	0.000		0	N.D. d	
74) 1,2-Dichlorobenzene	0.000		0	N.D. d	
75) Isopropylbenzene	0.000		0	N.D. d	
76) Cyclohexanone	0.000		0	N.D.	
77) 1,2,3-Trichloropropane	0.000		0	N.D. d	
78) 2-Chlorotoluene	0.000		0	N.D. d	
79) p-Ethyltoluene	0.000		0	N.D. d	
80) 4-Chlorotoluene	0.000		0	N.D. d	
81) n-Propylbenzene	0.000		0	N.D. d	
82) Bromobenzene	0.000		0	N.D. d	
83) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
84) t-Butylbenzene	0.000		0	N.D. d	
85) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
86) sec-Butylbenzene	0.000		0	N.D. d	
87) 4-Isopropyltoluene	0.000		0	N.D. d	
88) n-Butylbenzene	0.000		0	N.D. d	
89) p-Diethylbenzene	0.000		0	N.D. d	
90) 1,2,4,5-Tetramethylben...	0.000		0	N.D. d	
91) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	
92) Hexachlorobutadiene	0.000		0	N.D. d	
93) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
94) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	
95) Naphthalene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54452.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 1M54452.D
Acq On : 02/23/10 13:29
Operator : WP
Sam Mult : 1 Vial# : 40
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 02/23/10 13:46
Qt Upd On: 02/23/10 12:53
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M49807.	CAL @ 20 PPB	03/05/10 19:20	2	2M49802.	CAL @ 5 PPB	03/05/10 18:00
3	2M49808.	CAL @ 10 PPB	03/05/10 19:36	4	2M49806.	CAL @ 50 PPB	03/05/10 19:04
5	2M49805.	CAL @ 100 PPB	03/05/10 18:48	6	2M49804.	CAL @ 250 PPB	03/05/10 18:32
7	2M49803.	CAL @ 500 PPB	03/05/10 18:16	8	2M49800.	CAL @ 1 PPB	03/05/10 17:22
9	2M49801.	CAL @ 0.5 PPB	03/05/10 17:41				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Chlorodifluoromethane	1	0	LinF	0.5323	0.6239	0.5491	0.5370	0.5439	0.5161	0.4722	0.9469	-----	0.590	1.24	0.998	1.00	25		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dichlorodifluoromethan	1	0	Avg	0.2405	0.2178	0.2502	0.2339	0.2743	0.2394	0.2189	0.2164	-----	0.236	1.24	0.996	0.999	8.3		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloromethane	1	0	Avg	0.3110	0.3243	0.3358	0.3070	0.3291	0.3177	0.3073	0.3922	-----	0.328	1.36	1.00	1.00	8.5	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromomethane	1	0	Avg	0.1559	0.1465	0.1576	0.1538	0.1485	-----	-----	0.1760	-----	0.156	1.66	1.00	1.00	6.7		20.00	5.00	10.00	50.00	100.0			1.00	
Vinyl Chloride	1	0	Avg	0.2535	0.2551	0.2484	0.2566	0.2509	0.2480	0.2336	0.2872	-----	0.254	1.43	0.999	1.00	6.0	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroethane	1	0	LinF	0.1509	0.1759	0.1533	0.1470	0.1457	0.1272	-----	0.2124	-----	0.159	1.71	0.997	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Trichlorofluoromethane	1	0	Avg	0.3746	0.3902	0.3546	0.3477	0.3407	0.3302	0.2896	0.3310	-----	0.345	1.89	0.996	1.00	8.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloro-1.2.2-tri	1	0	Avg	0.2601	0.2728	0.2589	0.2605	0.2755	0.2412	0.2046	0.2408	-----	0.252	2.23	0.991	1.00	9.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylene Chloride	1	0	Avg	0.3252	0.3447	0.3346	0.3330	0.3463	0.3214	0.2930	0.3309	-----	0.329	2.58	0.997	1.00	5.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acrolein	1	0	LinF	0.0592	0.0475	0.0576	0.0663	0.0716	0.0665	0.0588	0.0365	-----	0.0580	2.17	0.995	1.00	20		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Acrylonitrile	1	0	Avg	0.1448	0.1221	0.1206	0.1417	0.1502	0.1316	0.1077	0.1292	-----	0.131	2.77	0.987	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Iodomethane	1	0	Avg	0.5352	0.4652	0.5637	0.5855	0.5863	0.5098	0.4407	0.5036	-----	0.524	2.36	0.992	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Acetone	1	0	Lin	0.1083	0.1041	0.1150	0.1140	0.1203	0.1103	0.0972	0.1662	-----	0.117	2.28	0.995	1.00	18		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
Carbon Disulfide	1	0	Avg	0.5908	0.4863	0.5381	0.6326	0.6836	0.6570	0.6044	0.4575	-----	0.581	2.41	0.998	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butyl Alcohol	1	0	Avg	0.0348	0.0289	0.0355	0.0372	0.0394	0.0360	0.0323	0.0434	-----	0.0360	2.65	0.996	1.00	12		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
n-Hexane	1	0	Avg	0.3149	0.2549	0.3106	0.3153	0.3382	0.3071	0.2655	0.2468	-----	0.294	2.97	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Di-isopropyl-ether	1	0	Avg	1.2933	1.0880	1.2740	1.3524	1.4042	1.2473	1.0121	1.2486	-----	1.24	3.14	0.986	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1-Dichloroethene	1	0	Avg	0.4606	0.4277	0.4652	0.4885	0.5095	0.4709	0.4234	0.3411	-----	0.448	2.24	0.996	1.00	12	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl Acetate	1	0	LinF	0.3169	0.2954	0.3257	0.3451	0.3510	0.3321	0.3022	0.4672	-----	0.342	2.50	0.997	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methyl-t-butyl ether	1	0	Avg	0.8551	0.7761	0.8613	0.9183	0.9349	0.8186	0.6566	0.6815	0.8779	0.820	2.78	0.984	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
1.1-Dichloroethane	1	0	Avg	0.5670	0.5240	0.5462	0.5931	0.6202	0.5629	0.5060	0.5482	-----	0.559	3.10	0.996	1.00	6.5	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.2-Dichloroether	1	0	Avg	0.2956	0.2769	0.2914	0.3021	0.3049	0.2710	0.2290	0.2537	-----	0.278	2.78	0.991	1.00	9.4		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.2-Dichloroethene	1	0	Avg	0.5342	0.4148	0.5581	0.5470	0.5628	0.5021	0.4359	0.4939	-----	0.506	3.56	0.993	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromochloromethane	1	0	Avg	0.2602	0.2731	0.2533	0.2706	0.2820	0.2564	0.2289	0.1699	-----	0.249	3.76	0.996	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2.2-Dichloropropane	1	0	Avg	0.3312	0.2477	0.3146	0.3402	0.3502	0.3305	0.2921	0.3229	-----	0.316	3.56	0.996	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dioxane	1	0	Avg	0.0041	0.0037	0.0042	0.0045	0.0046	0.0038	0.0032	0.0045	-----	0.00412	4.82	0.989	0.999	11		1000.	250.0	500.0	2500.	5000.	1250	2500	50.00	
1.1-Dichloropropene	1	0	Avg	0.3851	0.3688	0.3824	0.3874	0.3999	0.3489	0.2740	0.3396	-----	0.361	4.06	0.981	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Chloroform	1	0	Avg	0.4484	0.4344	0.4446	0.4738	0.4955	0.4622	0.4065	0.4416	-----	0.451	3.81	0.995	1.00	5.9	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromofluoromethane	1	0	Avg	0.2622	0.2845	0.2640	0.2686	0.2599	0.2485	0.2298	0.2480	0.2588	0.258	3.93	-1	-1	5.9		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Cyclohexane	1	0	Avg	0.4994	0.4415	0.4761	0.4966	0.5349	0.4736	0.3938	0.3747	-----	0.461	3.99	0.989	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloroethane-d4	1	0	Avg	0.0648	0.0710	0.0644	0.0695	0.0626	0.0693	0.0627	0.0672	0.0647	0.0663	4.17	-1	-1	4.7		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
1.2-Dichloroethane	1	0	Avg	0.3734	0.3586	0.3850	0.3819	0.3987	0.3573	0.2987	0.3883	0.4583	0.378	4.21	0.990	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
2-Butanone	1	0	Avg	0.1739	0.1860	0.1628	0.1915	0.1925	0.1756	0.1552	0.1910	-----	0.179	3.57	0.995	1.00	7.9		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1-Trichloroethane	1	0	Avg	0.3474	0.3107	0.3484	0.3687	0.3882	0.3479	0.3062	0.3871	-----	0.351	3.95	0.994	1.00	8.8		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Carbon Tetrachloride	1	0	LinF	0.2823	0.2522	0.2735	0.2965	0.3126	0.2801	-----	0.1667	-----	0.266	4.06	0.998	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Vinyl Acetate	1	0	Avg	1.2198	1.0372	1.1742	1.3439	1.3990	1.2646	1.0397	1.2859	-----	1.22	3.13	0.988	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromodichloromethane	1	0	Avg	0.3966	0.3178	0.3705	0.4298	0.4564	0.4193	0.3601	0.3371	-----	0.386	4.90	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Methylcyclohexane	1	0	Avg	0.4022	0.3285	0.4293	0.4135	0.4236	0.3755	0.3031	0.3376	-----	0.377	4.72	0.985	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromomethane	1	0	Avg	0.3172	0.2650	0.3175	0.3356	0.3451	0.2893	0.2350	0.3136	-----	0.302	4.82	0.984	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichloropropane	1	0	Avg	0.3467	0.3268	0.3345	0.3659	0.3680	0.3236	0.2708	0.3968	-----	0.342	4.74	0.989	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Trichloroethene	1	0	Avg	0.3557	0.3314	0.3412	0.3702	0.3746	0.3162	0.2518	0.3363	-----	0.335	4.61	0.982	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria — ** - ccc compound*

b - failed the ccc criteria — *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.7

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

0186

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M49807.	CAL @ 20 PPB	03/05/10 19:20	2	2M49802.	CAL @ 5 PPB	03/05/10 18:00
3	2M49808.	CAL @ 10 PPB	03/05/10 19:36	4	2M49806.	CAL @ 50 PPB	03/05/10 19:04
5	2M49805.	CAL @ 100 PPB	03/05/10 18:48	6	2M49804.	CAL @ 250 PPB	03/05/10 18:32
7	2M49803.	CAL @ 500 PPB	03/05/10 18:16	8	2M49800.	CAL @ 1 PPB	03/05/10 17:22
9	2M49801.	CAL @ 0.5 PPB	03/05/10 17:41				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Benzene	1	0	Avg	1.1233	1.0514	1.1255	1.1501	1.1305	0.9725	0.7435	1.1557	1.1787	1.07	4.21	0.977	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	0.50
tert-Amyl methyl ether	1	0	Avg	0.8443	0.7323	0.8316	0.8806	0.9069	0.8183	0.6683	0.6984	-----	0.798	4.26	0.987	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Dibromochloromethane	1	0	LinF	0.3923	0.3149	0.3541	0.4591	0.4854	0.4645	0.4161	0.2636	-----	0.394	5.84	0.996	1.00	20		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chloroethylvinylether	1	0	Avg	0.3378	0.2321	0.3242	0.3650	0.3701	0.3590	0.3179	0.2704	-----	0.322	5.07	0.996	1.00	15		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
cis-1.3-Dichloropropene	1	0	LinF	0.5915	0.4647	0.5472	0.6634	0.6796	0.6634	0.5803	0.4291	-----	0.577	5.16	0.995	1.00	16		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
trans-1.3-Dichloroprope	1	0	LinF	0.5198	0.3957	0.4720	0.5997	0.6073	0.5892	0.5268	0.3630	-----	0.509	5.49	0.996	1.00	18		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.2-Trichloroethane	1	0	Avg	0.3559	0.3173	0.3488	0.3786	0.3746	0.3535	0.3079	0.3405	-----	0.347	5.60	0.995	1.00	7.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromoethane	1	0	Avg	0.4321	0.3394	0.3929	0.4666	0.4575	0.4317	0.3908	0.3483	-----	0.407	5.92	0.997	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichloropropane	1	0	Avg	0.5993	0.5321	0.5930	0.6407	0.6322	0.5777	0.4857	0.6462	-----	0.588	5.71	0.991	1.00	9.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Methyl-2-Pentanone	1	0	LinF	0.5449	0.3810	0.5307	0.5900	0.5936	0.5971	0.5506	0.3847	-----	0.522	5.25	0.998	1.00	17		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Hexanone	1	0	Avg	0.3884	0.3118	0.3571	0.4277	0.4396	0.4325	0.3984	0.3341	-----	0.386	5.74	0.998	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Tetrachloroethene	1	0	Avg	0.4033	0.3400	0.3834	0.4090	0.4023	0.3450	0.2630	0.4028	-----	0.369	5.69	0.975	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Toluene-d8	1	0	Avg	0.8042	0.7947	0.7794	0.8090	0.7726	0.8796	0.8985	0.7877	0.7895	0.813	5.33	-1	-1	5.5		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Toluene	1	0	Avg	0.8770	0.8076	0.9038	0.8994	0.9098	0.7999	0.6677	0.9590	-----	0.853	5.37	0.989	1.00	11	*(30)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.1.1.2-Tetrachloroetha	1	0	Avg	0.3522	0.2790	0.3133	0.3746	0.3667	0.3052	-----	0.2882	-----	0.326	6.24	0.993	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
Chlorobenzene	1	0	Avg	1.0723	1.0223	1.0262	1.0938	1.0887	0.9476	0.7999	1.1148	-----	1.02	6.20	0.990	1.00	10	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromoform	1	0	Qua	0.5675	0.3851	0.4790	0.6501	0.7303	0.7241	0.6573	0.2757	-----	0.559	6.70	0.997	1.00	30	**(0.100)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Ethylbenzene	1	0	Avg	0.7878	0.6692	0.7915	0.7478	0.7045	0.5644	-----	0.5972	-----	0.695	6.25	0.989	1.00	13	*(30)	20.00	5.00	10.00	50.00	100.0	250.0		1.00	
1.1.2.2-Tetrachloroetha	1	0	Avg	0.8007	0.6496	0.7182	0.7986	0.8235	0.8047	0.7373	0.6694	-----	0.750	6.94	0.998	1.00	8.9	**(0.300)	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromofluorobenzene	1	0	Avg	0.9085	0.8655	0.8817	0.8708	0.9076	0.9874	1.0363	0.8252	0.8428	0.903	6.88	-1	-1	7.6		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
Styrene	1	0	Avg	1.8487	1.5631	1.7961	1.8652	1.8334	1.4708	-----	1.5270	-----	1.70	6.57	0.990	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
m&p-Xylenes	1	0	Avg	1.0738	1.0022	1.0418	1.0099	0.9834	0.7797	-----	1.0095	1.1123	1.00	6.32	0.989	1.00	9.9		40.00	10.00	20.00	100.0	200.0	500.0		2.00	1.00
o-Xylene	1	0	Avg	1.0539	0.9414	1.0534	1.0733	1.0065	0.8264	-----	0.9557	-----	0.987	6.56	0.991	1.00	8.8		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
trans-1.4-Dichloro-2-bu	1	0	Avg	0.2408	0.1800	0.2058	0.2423	0.2582	0.2356	0.1909	0.1982	-----	0.219	6.98	0.986	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3-Dichlorobenzene	1	0	Avg	1.5020	1.2004	1.3888	1.4173	1.4305	1.2257	0.9575	1.2835	-----	1.30	7.55	0.980	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.4-Dichlorobenzene	1	0	Avg	1.5186	1.3605	1.4412	1.5018	1.5388	1.3859	1.1482	1.6880	-----	1.45	7.60	0.989	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dichlorobenzene	1	0	Avg	1.4153	1.2648	1.3489	1.4357	1.4639	1.3523	1.1270	1.3075	-----	1.34	7.84	0.990	1.00	8.1		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Isopropylbenzene	1	0	Avg	2.6612	2.2464	2.4703	2.6167	2.6532	2.3768	1.9594	2.0594	-----	2.38	6.77	0.988	1.00	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Cyclohexanone	1	0	LinF	0.0320	0.0264	0.0309	0.0339	0.0348	0.0358	0.0334	0.0533	-----	0.0351	6.85	0.999	1.00	23		100.0	25.00	50.00	250.0	500.0	1250.	2500.	5.00	
1.2.3-Trichloropropane	1	0	Avg	1.0059	0.8171	0.9021	1.0002	1.0027	0.8784	0.6988	0.7976	-----	0.888	6.98	0.983	1.00	13		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
2-Chlorotoluene	1	0	Avg	1.5767	1.4158	1.4879	1.5576	1.4684	1.1304	-----	1.4929	-----	1.45	7.09	0.984	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
p-Ethyltoluene	1	0	Avg	2.9171	2.5410	2.9157	2.7551	2.6752	2.2792	-----	2.4246	-----	2.64	7.08	0.995	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0		1.00	
4-Chlorotoluene	1	0	Avg	1.4410	1.3114	1.4239	1.4760	1.4749	1.3195	1.0983	1.3667	-----	1.36	7.16	0.989	1.00	9.2		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Propylbenzene	1	0	Avg	2.8503	2.5122	2.8928	2.8476	2.9274	2.7228	2.3506	2.6395	-----	2.72	7.02	0.994	1.00	7.5		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Bromobenzene	1	0	Avg	1.4923	1.4328	1.3664	1.4339	1.4399	1.2487	1.0049	1.2163	-----	1.33	6.98	0.984	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.3.5-Trimethylbenzene	1	0	Avg	2.0126	1.8203	1.9009	1.9751	2.0115	1.6437	1.4392	1.9041	-----	1.84	7.12	0.992	0.999	11		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
t-Butylbenzene	1	0	Avg	1.8899	1.6988	1.8592	1.9120	1.9305	1.7508	1.4502	1.5451	-----	1.75	7.32	0.989	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trimethylbenzene	1	0	Avg	2.1518	1.8753	2.0619	2.0967	2.1312	1.8992	1.5725	2.1378	-----	1.99	7.35	0.989	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
sec-Butylbenzene	1	0	Avg	2.3220	1.8808	2.2450	2.2559	2.3383	2.1652	1.8649	1.8519	-----	2.12	7.46	0.993	1.00	10		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	Avg	1.9327	1.5888	1.7729	1.8200	1.8441	1.5711	1.2287	1.5016	-----	1.66	7.53	0.980	1.00	14		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	Avg	2.0040	1.6817	1.8784	1.9471	1.9828	1.8160	1.5128	1.4695	-----	1.79	7.79	0.990	1.00	12		20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Avg Rsd: 11.7

Flags

a - failed the spcc criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria(if applicable)
** - ccc compound*
*** - spcc compound*

Note:

Corr 1 = Correlation Coefficient for linear Eq.
Corr 2 = Correlation Coefficient for quad Eq.
Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8260B

Instrument: GCMS_2

0187

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	2M49807.	CAL @ 20 PPB	03/05/10 19:20	2	2M49802.	CAL @ 5 PPB	03/05/10 18:00
3	2M49808.	CAL @ 10 PPB	03/05/10 19:36	4	2M49806.	CAL @ 50 PPB	03/05/10 19:04
5	2M49805.	CAL @ 100 PPB	03/05/10 18:48	6	2M49804.	CAL @ 250 PPB	03/05/10 18:32
7	2M49803.	CAL @ 500 PPB	03/05/10 18:16	8	2M49800.	CAL @ 1 PPB	03/05/10 17:22
9	2M49801.	CAL @ 0.5 PPB	03/05/10 17:41				

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
o-Diethylbenzene	1	0	Avg	1.3679	1.0432	1.2971	1.3427	1.3573	1.1920	0.9466	0.9640	-----	1.19	7.78	0.983	1.00	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4.5-Tetramethylber	1	0	LinF	2.0026	1.4280	1.8209	1.9813	1.9850	1.8079	1.5226	1.3216	-----	1.73	8.27	0.991	1.00	16	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2-Dibromo-3-Chloroo	1	0	LinF	0.1843	0.1236	0.1574	0.2082	0.2176	0.2292	0.2223	0.1282	-----	0.184	8.33	1.00	1.00	23	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Hexachlorobutadiene	1	0	LinF	0.3825	0.2548	0.3529	0.3616	0.3953	0.3693	0.3090	0.2073	-----	0.329	8.95	0.991	1.00	20	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.4-Trichlorobenzene	1	0	Avg	0.8082	0.5944	0.7448	0.8215	0.8378	0.8154	0.7222	0.5878	-----	0.742	8.86	0.996	1.00	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
1.2.3-Trichlorobenzene	1	0	Avg	0.7878	0.5628	0.7508	0.7982	0.8170	0.7945	0.7115	0.6341	-----	0.732	9.19	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
Naphthalene	1	0	LinF	1.8641	1.3171	1.6676	1.9111	1.9975	1.9844	1.7971	1.1262	-----	1.71	9.04	0.997	1.00	19	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

a - failed the spcc criteria * - ccc compound

b - failed the ccc criteria ** - spcc compound

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 11.7

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49807.D Sam Mult : 1 Vial# : 25 Qt On : 03/08/10 06:57
Acq On : 03/ 5/10 19:20 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	408842	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.181	117	344892	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.589	152	198053	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	107231	26.33	ug/l	0.00
Spiked Amount 30.000			Recovery = 87.77%			
35) 1,2-Dichloroethane-d4	4.166	102	26500	30.06	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.20%			
59) Toluene-d8	5.327	100	277384	31.07	ug/l	0.00
Spiked Amount 30.000			Recovery = 103.57%			
67) Bromofluorobenzene	6.879	174	179932	30.26	ug/l	0.00
Spiked Amount 30.000			Recovery = 100.87%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.242	51	145100	22.28	ug/l	56
6) Dichlorodifluoromethane	1.242	85	65574	13.54	ug/l	91
7) Chloromethane	1.359	50	84786	18.74	ug/l	100
8) Bromomethane	1.659	94	42513	12.68	ug/l	99
9) Vinyl Chloride	1.426	62	69097	16.29	ug/l	98
10) Chloroethane	1.708	64	41152	15.80	ug/l	94
11) Trichlorofluoromethane	1.891	101	102117	16.28	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.233	101	70917	17.68	ug/l	94
13) Methylene Chloride	2.578	84	88646	17.40	ug/l	87
14) Acrolein	2.174	56	80799	114.69	ug/l	97
15) Acrylonitrile	2.765	53	39488	28.20	ug/l	91
16) Iodomethane	2.361	142	145886	17.03	ug/l	99
17) Acetone	2.282	43	147629	115.07	ug/l	94
18) Carbon Disulfide	2.410	76	161032	16.90	ug/l	100
19) t-Butyl Alcohol	2.647	59	47466	108.39	ug/l	98
20) n-Hexane	2.972	57	85841	25.02	ug/l	89
21) Di-isopropyl-ether	3.140	45	352514	24.08	ug/l	94
22) 1,1-Dichloroethene	2.243	61	125557	18.33	ug/l	91
23) Methyl Acetate	2.499	43	86394	25.63	ug/l	100
24) Methyl-t-butyl ether	2.775	73	233067	18.56	ug/l	95
25) 1,1-Dichloroethane	3.100	63	154564	19.10	ug/l	97
26) trans-1,2-Dichloroethene	2.785	96	80575	17.96	ug/l	63
27) cis-1,2-Dichloroethene	3.564	61	145615	22.25	ug/l	95
28) Bromochloromethane	3.757	49	70942	23.22	ug/l	89
29) 2,2-Dichloropropane	3.558	77	90284	19.65	ug/l	92
30) 1,4-Dioxane	4.816	88	56908	1092.13	ug/l	80
31) 1,1-Dichloropropene	4.064	75	104976	19.56	ug/l	84
32) Chloroform	3.811	83	122240	17.16	ug/l	100
34) Cyclohexane	3.991	56	136138	24.90	ug/l	94
36) 1,2-Dichloroethane	4.214	62	101785	17.16	ug/l	97
37) 2-Butanone	3.570	43	47416	25.69	ug/l	85
38) 1,1,1-Trichloroethane	3.949	97	94713	16.39	ug/l	95
39) Carbon Tetrachloride	4.064	117	76966	16.48	ug/l	96
40) Vinyl Acetate	3.130	43	332481	23.12	ug/l	100
41) Bromodichloromethane	4.900	83	108102	18.85	ug/l	92
42) Methylcyclohexane	4.719	83	109639	22.99	ug/l	97
43) Dibromomethane	4.816	174	86467	20.55	ug/l	93
44) 1,2-Dichloropropane	4.743	63	94509	22.62	ug/l	92
45) Trichloroethene	4.605	130	96971	19.50	ug/l	84
46) Benzene	4.208	78	306179	20.16	ug/l	100
47) tert-Amyl methyl ether	4.262	73	230125	20.72	ug/l	82
49) Dibromochloromethane	5.844	129	90211	19.07	ug/l	91
50) 2-Chloroethylvinylether	5.068	63	77669	26.18	ug/l	99
51) cis-1,3-Dichloropropene	5.164	75	136018	20.88	ug/l	95
52) trans-1,3-Dichloropropene	5.489	75	119531	19.69	ug/l	95
53) 1,1,2-Trichloroethane	5.604	97	81849	21.24	ug/l	90
54) 1,2-Dibromoethane	5.916	107	99359	21.22	ug/l	95
55) 1,3-Dichloropropane	5.706	76	137817	21.19	ug/l	99
56) 4-Methyl-2-Pentanone	5.249	43	125306	28.85	ug/l	98
57) 2-Hexanone	5.736	43	89311	28.41	ug/l	93
58) Tetrachloroethene	5.694	164	92747	23.28	ug/l	99
60) Toluene	5.369	92	201658	21.17	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.241	133	80988	21.28	ug/l	95
62) Chlorobenzene	6.199	112	246551	21.62	ug/l	96
64) Bromoform	6.698	173	74940	20.78	ug/l	97
65) Ethylbenzene	6.253	106	104024	23.42	ug/l	91
66) 1,1,2,2-Tetrachloroethane	6.945	83	105727	21.36	ug/l	83
68) Styrene	6.566	104	244100	22.69	ug/l	85
69) m&p-Xylenes	6.319	106	283579	45.21	ug/l	80

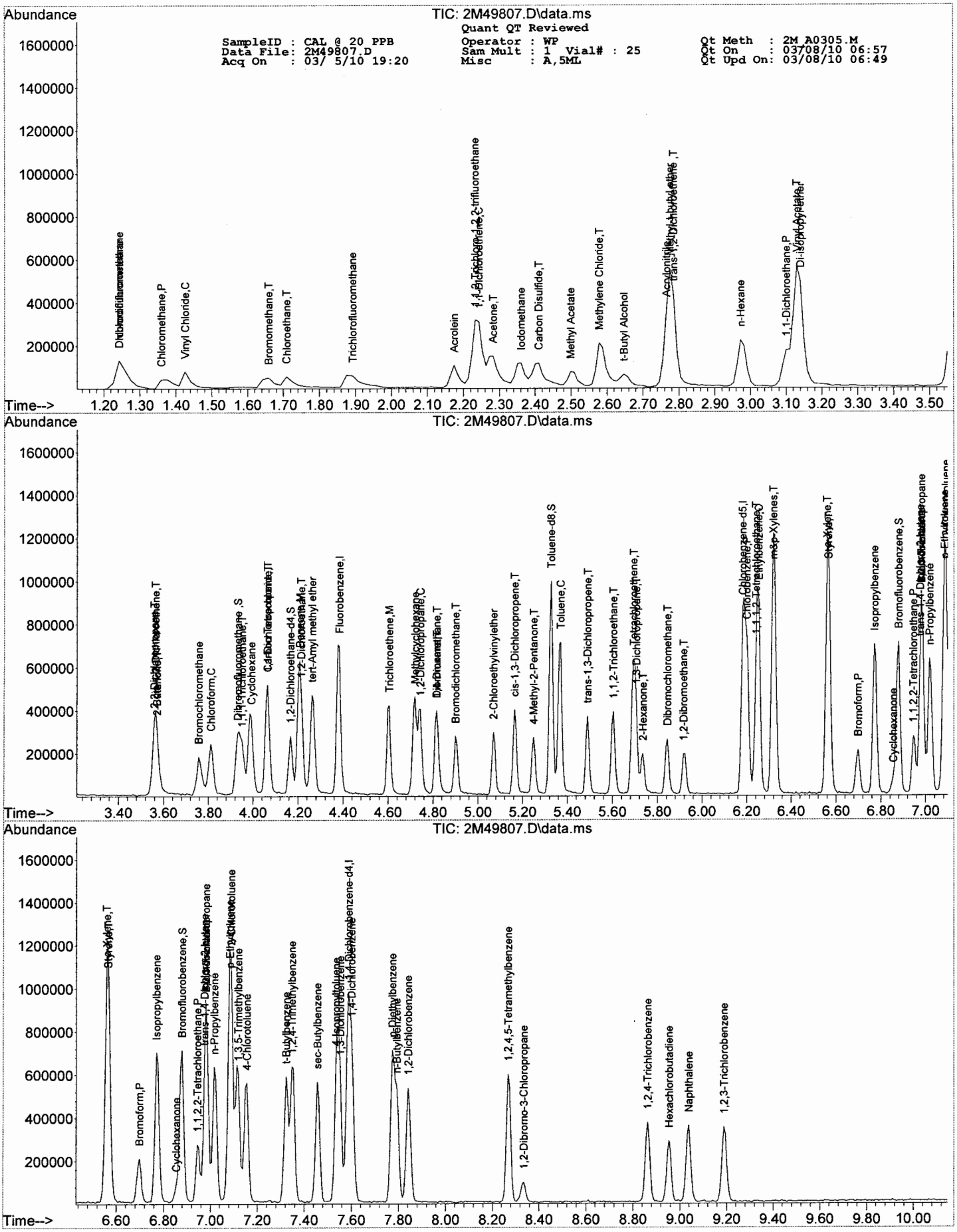
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49807.D Sam Mult : 1 Via1# : 25 Qt On : 03/08/10 06:57
Acq On : 03/ 5/10 19:20 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.560	106	139162	22.21	ug/l	97
71) trans-1,4-Dichloro-2-b...	6.975	53	31797	23.84	ug/l	88
72) 1,3-Dichlorobenzene	7.553	146	198318	22.34	ug/l	92
73) 1,4-Dichlorobenzene	7.601	146	200519	21.12	ug/l	98
74) 1,2-Dichlorobenzene	7.841	146	186877	20.81	ug/l	95
75) Isopropylbenzene	6.771	105	351373	22.13	ug/l	95
76) Cyclohexanone	6.855	55	21178	132.72	ug/l	96
77) 1,2,3-Trichloropropane	6.981	75	132815	22.65	ug/l	95
78) 2-Chlorotoluene	7.089	91	208192	22.17	ug/l	93
79) p-Ethyltoluene	7.083	105	385160	23.77	ug/l	92
80) 4-Chlorotoluene	7.156	91	190272	20.01	ug/l	95
81) n-Propylbenzene	7.017	91	376344	21.54	ug/l	93
82) Bromobenzene	6.981	77	197043	22.38	ug/l	89
83) 1,3,5-Trimethylbenzene	7.119	105	265742	21.77	ug/l	98
84) t-Butylbenzene	7.324	119	249537	21.32	ug/l	92
85) 1,2,4-Trimethylbenzene	7.348	105	284124	21.56	ug/l	87
86) sec-Butylbenzene	7.456	105	306594	21.83	ug/l	98
87) 4-Isopropyltoluene	7.535	119	255187	22.15	ug/l	95
88) n-Butylbenzene	7.793	91	264610	21.52	ug/l	88
89) p-Diethylbenzene	7.775	119	180620	24.20	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.268	119	264415	22.76	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.335	157	24342	20.34	ug/l	78
92) Hexachlorobutadiene	8.954	225	50510	22.43	ug/l	94
93) 1,2,4-Trichlorobenzene	8.864	180	106718	19.91	ug/l	99
94) 1,2,3-Trichlorobenzene	9.189	180	104023	19.82	ug/l	97
95) Naphthalene	9.038	128	246128	19.03	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49807.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 2M49807.D
Acq On : 03/ 5/10 19:20
Operator : WP
Sam Mult : 1 Vial# : 25
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:57
Qt Upd On: 03/08/10 06:49
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M49807.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
Time-->

Abundance
TIC: 2M49807.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49802.D Sam Mult : 1 Vial# : 20 Qt On : 03/08/10 06:59
Acq On : 03/ 5/10 18:00 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	378380	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	325058	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	185344	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	107675	28.57	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.23%		
35) 1,2-Dichloroethane-d4	4.165	102	26865	32.93	ug/l	0.00
Spiked Amount 30.000			Recovery =	109.77%		
59) Toluene-d8	5.326	100	258337	30.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.33%		
67) Bromofluorobenzene	6.878	174	160431	28.83	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.10%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.242	51	39348	6.53	ug/l	45
6) Dichlorodifluoromethane	1.242	85	13738	3.07	ug/l	96
7) Chloromethane	1.358	50	20456	4.88	ug/l	95
8) Bromomethane	1.658	94	9239	2.98	ug/l	90
9) Vinyl Chloride	1.425	62	16092	4.10	ug/l	95
10) Chloroethane	1.708	64	11093	4.60	ug/l	87
11) Trichlorofluoromethane	1.891	101	24613	4.24	ug/l	93
12) 1,1,2-Trichloro-1,2,2-...	2.232	101	17205	4.64	ug/l	97
13) Methylene Chloride	2.587	84	21740	4.61	ug/l	77
14) Acrolein	2.173	56	15007	23.02	ug/l	96
15) Acrylonitrile	2.765	53	7706	5.95	ug/l	88
16) Iodomethane	2.360	142	29340	3.70	ug/l	99
17) Acetone	2.281	43	32843	27.66	ug/l	81
18) Carbon Disulfide	2.400	76	30671	3.48	ug/l	100
19) t-Butyl Alcohol	2.646	59	9120	22.50	ug/l	83
20) n-Hexane	2.981	57	16077	5.06	ug/l	93
21) Di-isopropyl-ether	3.139	45	68614	5.07	ug/l	100
22) 1,1-Dichloroethene	2.242	61	26974	4.25	ug/l	70
23) Methyl Acetate	2.508	43	18630	5.97	ug/l	100
24) Methyl-t-butyl ether	2.774	73	48949	4.21	ug/l	89
25) 1,1-Dichloroethane	3.100	63	33051	4.41	ug/l	88
26) trans-1,2-Dichloroethene	2.784	96	17465	4.21	ug/l	67
27) cis-1,2-Dichloroethene	3.564	61	26161	4.32	ug/l	92
28) Bromochloromethane	3.756	49	17227	6.09	ug/l	85
29) 2,2-Dichloropropane	3.564	77	15622	3.67	ug/l	86
30) 1,4-Dioxane	4.821	88	11744	243.52	ug/l	76
31) 1,1-Dichloropropene	4.063	75	23259	4.68	ug/l	80
32) Chloroform	3.810	83	27397	4.16	ug/l	98
34) Cyclohexane	3.985	56	27845	5.50	ug/l	89
36) 1,2-Dichloroethane	4.219	62	22619	4.12	ug/l	94
37) 2-Butanone	3.570	43	11734	6.87	ug/l	82
38) 1,1,1-Trichloroethane	3.955	97	19595	3.66	ug/l	77
39) Carbon Tetrachloride	4.063	117	15908	3.68	ug/l	76
40) Vinyl Acetate	3.129	43	65410	4.91	ug/l	100
41) Bromodichloromethane	4.899	83	20042	3.78	ug/l	92
42) Methylcyclohexane	4.719	83	20716	4.69	ug/l	94
43) Dibromomethane	4.815	174	16716	4.29	ug/l	97
44) 1,2-Dichloropropane	4.743	63	20614	5.33	ug/l	89
45) Trichloroethene	4.604	130	20901	4.54	ug/l	88
46) Benzene	4.207	78	66305	4.72	ug/l	100
47) tert-Amyl methyl ether	4.268	73	46183	4.49	ug/l	86
49) Dibromochloromethane	5.844	129	17060	3.83	ug/l	87
50) 2-Chloroethylvinylether	5.074	63	12576	4.50	ug/l	94
51) cis-1,3-Dichloropropene	5.164	75	25176	4.10	ug/l	100
52) trans-1,3-Dichloropropene	5.489	75	21438	3.75	ug/l	100
53) 1,1,2-Trichloroethane	5.609	97	17194	4.73	ug/l	81
54) 1,2-Dibromoethane	5.922	107	18390	4.17	ug/l	99
55) 1,3-Dichloropropane	5.705	76	28831	4.70	ug/l	99
56) 4-Methyl-2-Pentanone	5.248	43	20646	5.04	ug/l	98
57) 2-Hexanone	5.729	43	16896	5.70	ug/l	85
58) Tetrachloroethene	5.693	164	18424	4.91	ug/l	93
60) Toluene	5.368	92	43757	4.87	ug/l	88
61) 1,1,1,2-Tetrachloroethane	6.241	133	15118	4.22	ug/l	72
62) Chlorobenzene	6.204	112	55385	5.15	ug/l	98
64) Bromoform	6.698	173	11898	3.52	ug/l	99
65) Ethylbenzene	6.253	106	20672	4.97	ug/l	94
66) 1,1,2,2-Tetrachloroethane	6.944	83	20068	4.33	ug/l	89
68) Styrene	6.565	104	48287	4.80	ug/l	91
69) m&p-Xylenes	6.325	106	61921	10.55	ug/l	85

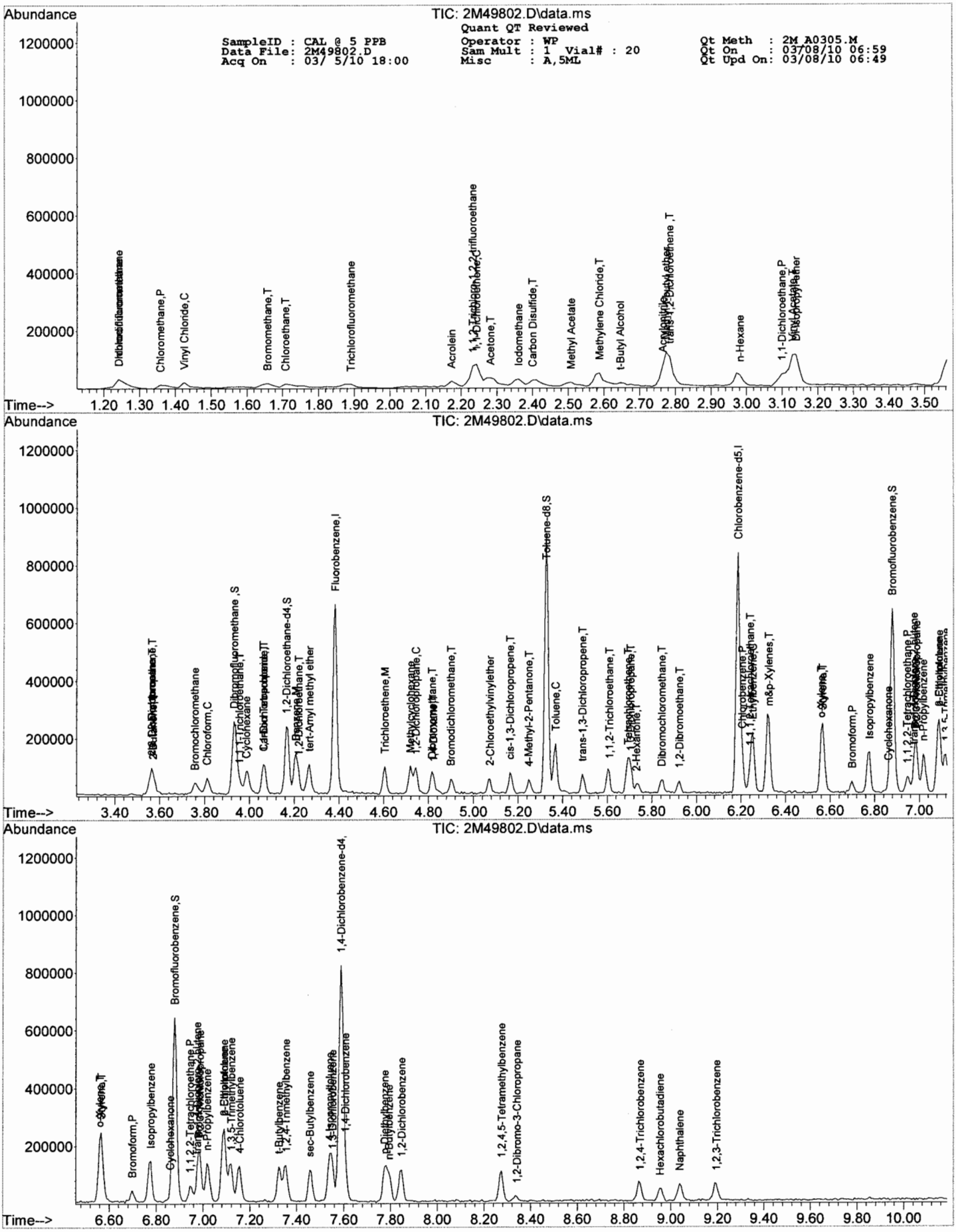
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB
Data File: 2M49802.D
Acq On : 03/ 5/10 18:00
Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:59
Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.559	106	29082	4.96 ug/l	89
71) trans-1,4-Dichloro-2-b...	6.974	53	5562	4.46 ug/l	73
72) 1,3-Dichlorobenzene	7.552	146	37084	4.46 ug/l	93
73) 1,4-Dichlorobenzene	7.606	146	42027	4.73 ug/l	83
74) 1,2-Dichlorobenzene	7.847	146	39071	4.65 ug/l	94
75) Isopropylbenzene	6.776	105	69393	4.67 ug/l	96
76) Cyclohexanone	6.860	55	4088	27.38 ug/l	96
77) 1,2,3-Trichloropropane	6.986	75	25243	4.60 ug/l	97
78) 2-Chlorotoluene	7.089	91	43736	4.98 ug/l	94
79) p-Ethyltoluene	7.089	105	78495	5.18 ug/l	93
80) 4-Chlorotoluene	7.155	91	40512	4.55 ug/l	85
81) n-Propylbenzene	7.017	91	77605	4.75 ug/l	94
82) Bromobenzene	6.980	77	44260	5.37 ug/l	95
83) 1,3,5-Trimethylbenzene	7.119	105	56231	4.92 ug/l	99
84) t-Butylbenzene	7.323	119	52478	4.79 ug/l	91
85) 1,2,4-Trimethylbenzene	7.353	105	57931	4.70 ug/l	89
86) sec-Butylbenzene	7.456	105	58102	4.42 ug/l	99
87) 4-Isopropyltoluene	7.540	119	49082	4.55 ug/l	94
88) n-Butylbenzene	7.793	91	51950	4.51 ug/l	97
89) p-Diethylbenzene	7.774	119	32225	4.61 ug/l	94
90) 1,2,4,5-Tetramethylben...	8.274	119	44114	4.06 ug/l	86
91) 1,2-Dibromo-3-Chloropr...	8.340	157	3818	3.41 ug/l	96
92) Hexachlorobutadiene	8.954	225	7872	3.74 ug/l	92
93) 1,2,4-Trichlorobenzene	8.869	180	18364	3.66 ug/l	97
94) 1,2,3-Trichlorobenzene	9.194	180	17386	3.54 ug/l	93
95) Naphthalene	9.038	128	40687	3.36 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49802.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 5 PPB
Data File: 2M49802.D
Acq On : 03/ 5/10 18:00
Operator : WP
Sam Mult : 1 Vial# : 20
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:59
Qt Upd On: 03/08/10 06:49
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49808.D Sam Mult : 1 Vial# : 26 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 19:36 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	407105	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.181	117	351635	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	206973	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	107498	26.51	ug/l	0.00
Spiked Amount 30.000			Recovery =	88.37%		
35) 1,2-Dichloroethane-d4	4.166	102	26221	29.87	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.57%		
59) Toluene-d8	5.327	100	274094	30.11	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.37%		
67) Bromofluorobenzene	6.879	174	182504	29.37	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.90%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.248	51	74517	11.49	ug/l	57
6) Dichlorodifluoromethane	1.231	85	33953	7.04	ug/l	89
7) Chloromethane	1.364	50	45572	10.11	ug/l	96
8) Bromomethane	1.647	94	21396	6.41	ug/l	98
9) Vinyl Chloride	1.431	62	33711	7.98	ug/l	95
10) Chloroethane	1.714	64	20814	8.03	ug/l	97
11) Trichlorofluoromethane	1.880	101	48121	7.70	ug/l	90
12) 1,1,2-Trichloro-1,2,2-...	2.233	101	35136	8.80	ug/l	95
13) Methylene Chloride	2.578	84	45408	8.95	ug/l	86
14) Acrolein	2.174	56	39113	55.76	ug/l	96
15) Acrylonitrile	2.775	53	16377	11.74	ug/l	62
16) Iodomethane	2.361	142	76498	8.97	ug/l	95
17) Acetone	2.272	43	78054	61.10	ug/l	95
18) Carbon Disulfide	2.410	76	73033	7.70	ug/l	100
19) t-Butyl Alcohol	2.647	59	24109	55.29	ug/l	90
20) n-Hexane	2.972	57	42157	12.34	ug/l	96
21) Di-isopropyl-ether	3.130	45	172889	11.86	ug/l	93
22) 1,1-Dichloroethene	2.243	61	63140	9.26	ug/l	94
23) Methyl Acetate	2.499	43	44203	13.17	ug/l	100
24) Methyl-t-butyl ether	2.775	73	116881	9.35	ug/l	97
25) 1,1-Dichloroethane	3.101	63	74131	9.20	ug/l	94
26) trans-1,2-Dichloroethene	2.775	96	39550	8.85	ug/l	79
27) cis-1,2-Dichloroethene	3.564	61	75736	11.62	ug/l	94
28) Bromochloromethane	3.763	49	34385	11.30	ug/l	87
29) 2,2-Dichloropropane	3.564	77	42701	9.33	ug/l	94
30) 1,4-Dioxane	4.815	88	28623	551.65	ug/l	96
31) 1,1-Dichloropropene	4.063	75	51900	9.71	ug/l	93
32) Chloroform	3.811	83	60344	8.51	ug/l	93
34) Cyclohexane	3.985	56	64620	11.87	ug/l	99
36) 1,2-Dichloroethane	4.220	62	52247	8.85	ug/l	94
37) 2-Butanone	3.576	43	22095	12.02	ug/l	81
38) 1,1,1-Trichloroethane	3.949	97	47288	8.22	ug/l	96
39) Carbon Tetrachloride	4.063	117	37121	7.98	ug/l	86
40) Vinyl Acetate	3.130	43	159345	11.13	ug/l	100
41) Bromodichloromethane	4.900	83	50285	8.80	ug/l	99
42) Methylcyclohexane	4.719	83	58263	12.27	ug/l	90
43) Dibromomethane	4.815	174	43090	10.28	ug/l	95
44) 1,2-Dichloropropane	4.743	63	45400	10.91	ug/l	100
45) Trichloroethene	4.605	130	46301	9.35	ug/l	85
46) Benzene	4.208	78	152733	10.10	ug/l	100
47) tert-Amyl methyl ether	4.262	73	112850	10.20	ug/l	84
49) Dibromochloromethane	5.844	129	41505	8.60	ug/l	91
50) 2-Chloroethylvinylether	5.068	63	38001	12.57	ug/l	85
51) cis-1,3-Dichloropropene	5.164	75	64146	9.66	ug/l	99
52) trans-1,3-Dichloropropene	5.489	75	55326	8.94	ug/l	99
53) 1,1,2-Trichloroethane	5.603	97	40885	10.41	ug/l	85
54) 1,2-Dibromoethane	5.916	107	46059	9.65	ug/l	96
55) 1,3-Dichloropropane	5.706	76	69516	10.48	ug/l	90
56) 4-Methyl-2-Pentanone	5.248	43	62206	14.05	ug/l	89
57) 2-Hexanone	5.736	43	41866	13.06	ug/l	97
58) Tetrachloroethene	5.688	164	44947	11.07	ug/l	99
60) Toluene	5.369	92	105940	10.91	ug/l	90
61) 1,1,1,2-Tetrachloroethane	6.241	133	36729	9.47	ug/l	94
62) Chlorobenzene	6.199	112	120285	10.34	ug/l	94
64) Bromoform	6.698	173	33051	8.77	ug/l	93
65) Ethylbenzene	6.253	106	54608	11.77	ug/l	85
66) 1,1,2,2-Tetrachloroethane	6.945	83	49549	9.58	ug/l	88
68) Styrene	6.566	104	123917	11.02	ug/l	80
69) m&p-Xylenes	6.319	106	143751	21.93	ug/l	81

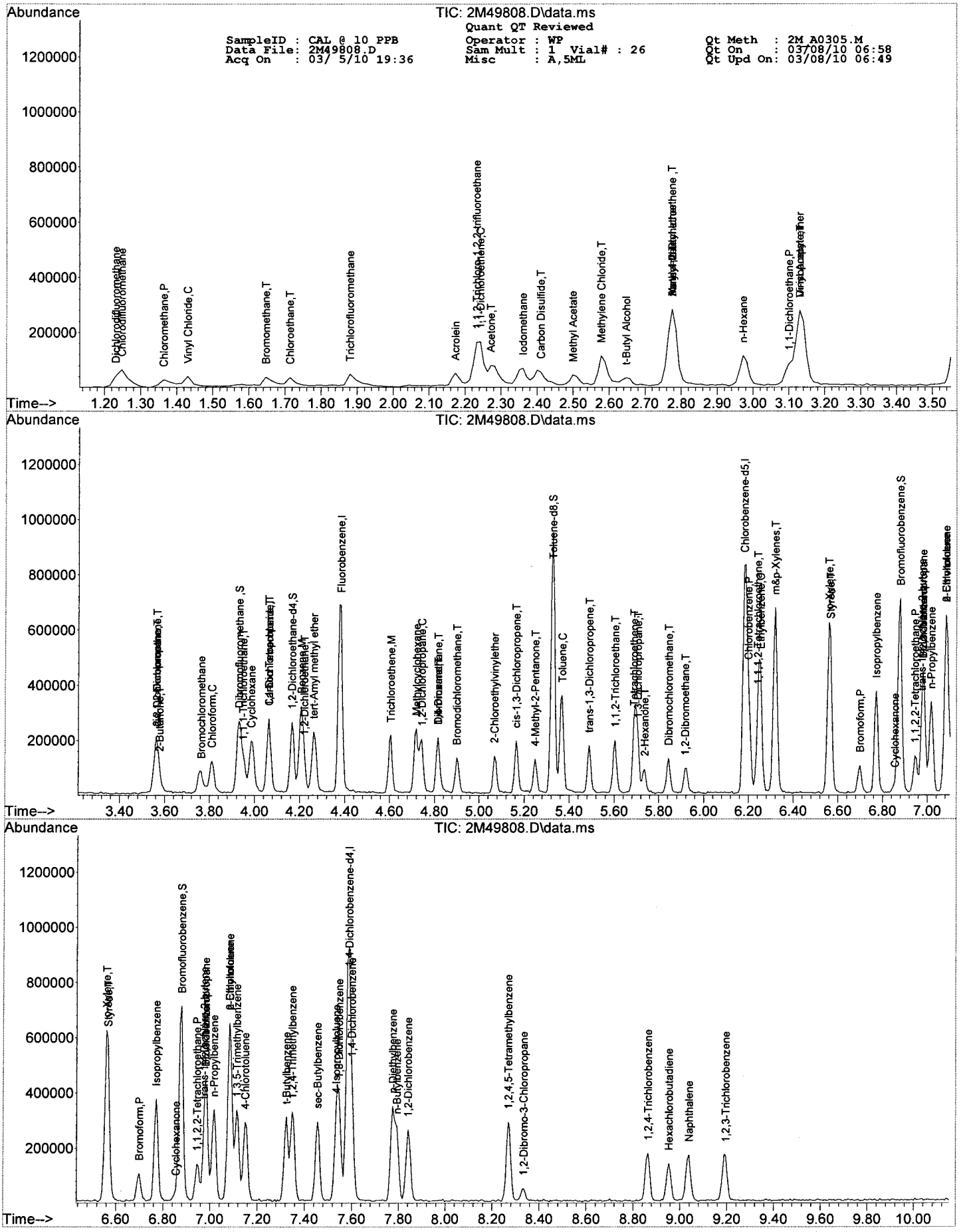
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49808.D Sam Mult : 1 Vial# : 26 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 19:36 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.560	106	72681	11.10	ug/l	98
71) trans-1,4-Dichloro-2-b...	6.975	53	14202	10.19	ug/l	80
72) 1,3-Dichlorobenzene	7.546	146	95816	10.33	ug/l	96
73) 1,4-Dichlorobenzene	7.600	146	99436	10.02	ug/l	93
74) 1,2-Dichlorobenzene	7.841	146	93062	9.92	ug/l	94
75) Isopropylbenzene	6.770	105	170432	10.27	ug/l	96
76) Cyclohexanone	6.855	55	10688	64.10	ug/l	91
77) 1,2,3-Trichloropropane	6.981	75	62243	10.16	ug/l	93
78) 2-Chlorotoluene	7.083	91	102656	10.46	ug/l	91
79) p-Ethyltoluene	7.083	105	201158	11.88	ug/l	99
80) 4-Chlorotoluene	7.149	91	98240	9.88	ug/l	92
81) n-Propylbenzene	7.017	91	199580	10.93	ug/l	93
82) Bromobenzene	6.981	77	94269	10.25	ug/l	85
83) 1,3,5-Trimethylbenzene	7.113	105	131149	10.28	ug/l	95
84) t-Butylbenzene	7.324	119	128270	10.49	ug/l	91
85) 1,2,4-Trimethylbenzene	7.348	105	142256	10.33	ug/l	88
86) sec-Butylbenzene	7.456	105	154887	10.55	ug/l	98
87) 4-Isopropyltoluene	7.534	119	122318	10.16	ug/l	97
88) n-Butylbenzene	7.793	91	129593	10.08	ug/l	89
89) p-Diethylbenzene	7.775	119	89493	11.47	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.268	119	125626	10.35	ug/l	92
91) 1,2-Dibromo-3-Chloropr...	8.334	157	10859	8.68	ug/l	82
92) Hexachlorobutadiene	8.954	225	24352	10.35	ug/l	96
93) 1,2,4-Trichlorobenzene	8.864	180	51386	9.17	ug/l	96
94) 1,2,3-Trichlorobenzene	9.195	180	51802	9.44	ug/l	96
95) Naphthalene	9.038	128	115054	8.51	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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TIC: 2M49808.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 10 PPB
Data File: 2M49808.D
Acq On : 03/ 5/10 19:36
Operator : WP
Sam Mult : 1 Vial# : 26
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:58
Qt Upd On: 03/08/10 06:49
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M49808.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->

Abundance
TIC: 2M49808.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB
Data File: 2M49806.D
Acq On : 03/ 5/10 19:04

Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML

Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:55
Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	413027	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	344029	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	210317	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	110949	26.97	ug/l	0.00
Spiked Amount 30.000			Recovery =	89.90%		
35) 1,2-Dichloroethane-d4	4.165	102	28714	32.24	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.47%		
59) Toluene-d8	5.326	100	278332	31.26	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.20%		
67) Bromofluorobenzene	6.878	174	183149	29.00	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.67%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.242	51	369693	56.18	ug/l	55
6) Dichlorodifluoromethane	1.242	85	161047	32.93	ug/l	99
7) Chloromethane	1.359	50	211396	46.25	ug/l	99
8) Bromomethane	1.642	94	105880	31.25	ug/l	95
9) Vinyl Chloride	1.425	62	176643	41.23	ug/l	98
10) Chloroethane	1.708	64	101212	38.48	ug/l	91
11) Trichlorofluoromethane	1.875	101	239381	37.77	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.232	101	179358	44.27	ug/l	91
13) Methylene Chloride	2.577	84	229285	44.56	ug/l	88
14) Acrolein	2.173	56	228446	320.98	ug/l	95
15) Acrylonitrile	2.765	53	97592	68.98	ug/l	95
16) Iodomethane	2.351	142	403049	46.58	ug/l	99
17) Acetone	2.272	43	392549	302.87	ug/l	93
18) Carbon Disulfide	2.400	76	435466	45.24	ug/l	100
19) t-Butyl Alcohol	2.646	59	128273	289.94	ug/l	100
20) n-Hexane	2.972	57	217053	62.63	ug/l	89
21) Di-isopropyl-ether	3.129	45	931001	62.96	ug/l	91
22) 1,1-Dichloroethene	2.242	61	336315	48.59	ug/l	96
23) Methyl Acetate	2.498	43	237619	69.78	ug/l	100
24) Methyl-t-butyl ether	2.775	73	632181	49.82	ug/l	97
25) 1,1-Dichloroethane	3.100	63	408301	49.95	ug/l	100
26) trans-1,2-Dichloroethene	2.784	96	207957	45.87	ug/l	69
27) cis-1,2-Dichloroethene	3.563	61	376543	56.96	ug/l	93
28) Bromochloromethane	3.756	49	186337	60.38	ug/l	89
29) 2,2-Dichloropropane	3.563	77	234218	50.46	ug/l	97
30) 1,4-Dioxane	4.815	88	155183	2947.96	ug/l	86
31) 1,1-Dichloropropene	4.063	75	266718	49.20	ug/l	93
32) Chloroform	3.810	83	326190	45.32	ug/l	97
34) Cyclohexane	3.985	56	341864	61.90	ug/l	97
36) 1,2-Dichloroethane	4.219	62	262931	43.88	ug/l	97
37) 2-Butanone	3.570	43	131828	70.69	ug/l	92
38) 1,1,1-Trichloroethane	3.948	97	253869	43.48	ug/l	96
39) Carbon Tetrachloride	4.063	117	204110	43.26	ug/l	90
40) Vinyl Acetate	3.129	43	925164	63.69	ug/l	100
41) Bromodichloromethane	4.899	83	295866	51.06	ug/l	98
42) Methylcyclohexane	4.718	83	284671	59.08	ug/l	97
43) Dibromomethane	4.815	174	231063	54.36	ug/l	97
44) 1,2-Dichloropropane	4.742	63	251923	59.69	ug/l	99
45) Trichloroethene	4.604	130	254845	50.73	ug/l	90
46) Benzene	4.207	78	791734	51.60	ug/l	100
47) tert-Amyl methyl ether	4.261	73	606251	54.03	ug/l	82
49) Dibromochloromethane	5.843	129	263259	55.79	ug/l	97
50) 2-Chloroethylvinylether	5.067	63	209314	70.74	ug/l	87
51) cis-1,3-Dichloropropene	5.164	75	380385	58.53	ug/l	97
52) trans-1,3-Dichloropropene	5.488	75	343900	56.79	ug/l	99
53) 1,1,2-Trichloroethane	5.603	97	217132	56.48	ug/l	89
54) 1,2-Dibromoethane	5.922	107	267554	57.27	ug/l	94
55) 1,3-Dichloropropane	5.705	76	367384	56.62	ug/l	100
56) 4-Methyl-2-Pentanone	5.248	43	338298	78.09	ug/l	92
57) 2-Hexanone	5.735	43	245244	78.19	ug/l	95
58) Tetrachloroethene	5.693	164	234521	59.02	ug/l	98
60) Toluene	5.368	92	515703	54.27	ug/l	98
61) 1,1,1,2-Tetrachloroethane	6.240	133	214801	56.59	ug/l	92
62) Chlorobenzene	6.204	112	627214	55.13	ug/l	99
64) Bromoform	6.697	173	227905	59.50	ug/l	95
65) Ethylbenzene	6.252	106	262144	55.59	ug/l	91
66) 1,1,2,2-Tetrachloroethane	6.950	83	279949	53.27	ug/l	84
68) Styrene	6.565	104	653825	57.24	ug/l	84
69) m&p-Xylenes	6.319	106	708015	106.29	ug/l	91

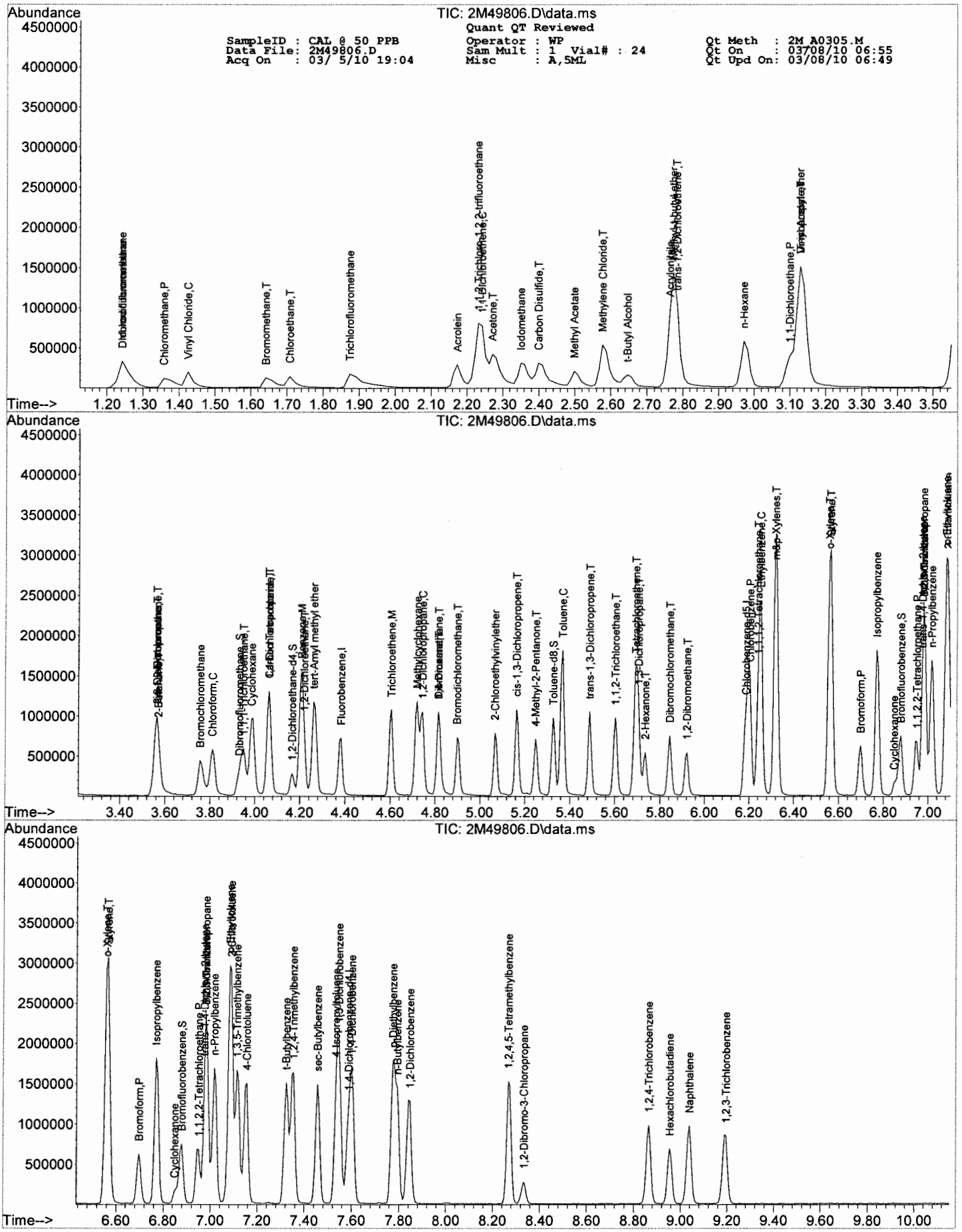
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49806.D Sam Mult : 1 Vial# : 24 Qt On : 03/08/10 06:55
Acq On : 03/ 5/10 19:04 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.559	106	376224	56.55 ug/l	89
71) trans-1,4-Dichloro-2-b...	6.974	53	84955	59.97 ug/l	89
72) 1,3-Dichlorobenzene	7.546	146	496821	52.71 ug/l	96
73) 1,4-Dichlorobenzene	7.600	146	526431	52.22 ug/l	94
74) 1,2-Dichlorobenzene	7.846	146	503272	52.77 ug/l	94
75) Isopropylbenzene	6.770	105	917260	54.41 ug/l	97
76) Cyclohexanone	6.848	55	59528	351.31 ug/l	91
77) 1,2,3-Trichloropropane	6.980	75	350603	56.29 ug/l	93
78) 2-Chlorotoluene	7.088	91	545984	54.75 ug/l	95
79) p-Ethyltoluene	7.082	105	965762	56.12 ug/l	98
80) 4-Chlorotoluene	7.155	91	517397	51.23 ug/l	92
81) n-Propylbenzene	7.016	91	998178	53.81 ug/l	92
82) Bromobenzene	6.980	77	502629	53.77 ug/l	89
83) 1,3,5-Trimethylbenzene	7.113	105	692360	53.41 ug/l	96
84) t-Butylbenzene	7.323	119	670216	53.92 ug/l	91
85) 1,2,4-Trimethylbenzene	7.353	105	734984	52.52 ug/l	87
86) sec-Butylbenzene	7.455	105	790772	53.02 ug/l	97
87) 4-Isopropyltoluene	7.534	119	637984	52.16 ug/l	95
88) n-Butylbenzene	7.792	91	682530	52.27 ug/l	89
89) p-Diethylbenzene	7.774	119	470686	59.38 ug/l	97
90) 1,2,4,5-Tetramethylben...	8.268	119	694510	56.30 ug/l	93
91) 1,2-Dibromo-3-Chloropr...	8.334	157	72982	57.43 ug/l	78
92) Hexachlorobutadiene	8.953	225	126762	53.01 ug/l	98
93) 1,2,4-Trichlorobenzene	8.863	180	287964	50.58 ug/l	99
94) 1,2,3-Trichlorobenzene	9.194	180	279815	50.20 ug/l	98
95) Naphthalene	9.037	128	669898	48.78 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 2M49806.D
Acq On : 03/ 5/10 19:04
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : A,5ML
Qt Meth : 2M A0305.M
Qt On : 03/08/10 06:55
Qt Upd On: 03/08/10 06:49
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M49806.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->

Abundance
TIC: 2M49806.D\data.ms
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49805.D Sam Mult : 1 Vial# : 23 Qt On : 03/08/10 06:54
Acq On : 03/ 5/10 18:48 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	418023	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.187	117	352996	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	209414	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	108651	26.10	ug/l	0.00
Spiked Amount 30.000			Recovery =	87.00%		
35) 1,2-Dichloroethane-d4	4.166	102	26206	29.07	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.90%		
59) Toluene-d8	5.327	100	272734	29.85	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.50%		
67) Bromofluorobenzene	6.879	174	190084	30.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.77%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.247	51	757965	113.81	ug/l	62
6) Dichlorodifluoromethane	1.231	85	382311	77.23	ug/l	93
7) Chloromethane	1.364	50	458671	99.14	ug/l	97
8) Bromomethane	1.647	94	207048	60.39	ug/l	99
9) Vinyl Chloride	1.430	62	349603	80.62	ug/l	98
10) Chloroethane	1.713	64	203133	76.30	ug/l	97
11) Trichlorofluoromethane	1.880	101	474841	74.03	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.233	101	384013	93.65	ug/l	92
13) Methylene Chloride	2.578	84	482551	92.65	ug/l	93
14) Acrolein	2.173	56	498828	692.51	ug/l	99
15) Acrylonitrile	2.765	53	209403	146.25	ug/l	93
16) Iodomethane	2.351	142	816951	93.28	ug/l	99
17) Acetone	2.272	43	838104	638.92	ug/l	93
18) Carbon Disulfide	2.400	76	952599	97.78	ug/l	100
19) t-Butyl Alcohol	2.647	59	274593	613.26	ug/l	95
20) n-Hexane	2.972	57	471377	134.38	ug/l	87
21) Di-isopropyl-ether	3.130	45	1956677	130.74	ug/l	90
22) 1,1-Dichloroethene	2.242	61	709971	101.35	ug/l	90
23) Methyl Acetate	2.499	43	489170	141.94	ug/l	100
24) Methyl-t-butyl ether	2.775	73	1302724	101.45	ug/l	98
25) 1,1-Dichloroethane	3.100	63	864318	104.48	ug/l	95
26) trans-1,2-Dichloroethene	2.785	96	424849	92.60	ug/l	71
27) cis-1,2-Dichloroethene	3.564	61	784278	117.22	ug/l	93
28) Bromochloromethane	3.757	49	393008	125.84	ug/l	91
29) 2,2-Dichloropropane	3.558	77	487994	103.87	ug/l	95
30) 1,4-Dioxane	4.815	88	324034	6081.99	ug/l	88
31) 1,1-Dichloropropene	4.063	75	557344	101.58	ug/l	93
32) Chloroform	3.811	83	690457	94.79	ug/l	98
34) Cyclohexane	3.991	56	745391	133.35	ug/l	94
36) 1,2-Dichloroethane	4.220	62	555600	91.62	ug/l	95
37) 2-Butanone	3.570	43	268253	142.12	ug/l	92
38) 1,1,1-Trichloroethane	3.949	97	540962	91.53	ug/l	96
39) Carbon Tetrachloride	4.063	117	435632	91.22	ug/l	98
40) Vinyl Acetate	3.130	43	1949473	132.59	ug/l	100
41) Bromodichloromethane	4.900	83	635970	108.45	ug/l	95
42) Methylcyclohexane	4.719	83	590378	121.06	ug/l	96
43) Dibromomethane	4.815	174	480945	111.79	ug/l	95
44) 1,2-Dichloropropane	4.743	63	512796	120.04	ug/l	94
45) Trichloroethene	4.605	130	522008	102.67	ug/l	86
46) Benzene	4.208	78	1575276	101.44	ug/l	100
47) tert-Amyl methyl ether	4.262	73	1263735	111.29	ug/l	81
49) Dibromochloromethane	5.844	129	571205	117.97	ug/l	97
50) 2-Chloroethylvinylether	5.068	63	435494	143.45	ug/l	92
51) cis-1,3-Dichloropropene	5.164	75	799685	119.93	ug/l	93
52) trans-1,3-Dichloropropene	5.489	75	714583	115.00	ug/l	99
53) 1,1,2-Trichloroethane	5.603	97	440862	111.77	ug/l	89
54) 1,2-Dibromoethane	5.922	107	538402	112.33	ug/l	93
55) 1,3-Dichloropropane	5.706	76	743876	111.72	ug/l	95
56) 4-Methyl-2-Pentanone	5.248	43	698468	157.13	ug/l	92
57) 2-Hexanone	5.736	43	517367	160.77	ug/l	99
58) Tetrachloroethene	5.694	164	473425	116.12	ug/l	95
60) Toluene	5.369	92	1070580	109.79	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.247	133	431496	110.80	ug/l	94
62) Chlorobenzene	6.205	112	1281064	109.74	ug/l	96
64) Bromoform	6.698	173	509794	133.67	ug/l	98
65) Ethylbenzene	6.253	106	491840	104.74	ug/l	99
66) 1,1,2,2-Tetrachloroethane	6.945	83	574866	109.86	ug/l	91
68) Styrene	6.566	104	1279838	112.53	ug/l	86
69) m&p-Xylenes	6.319	106	1373034	207.01	ug/l	93

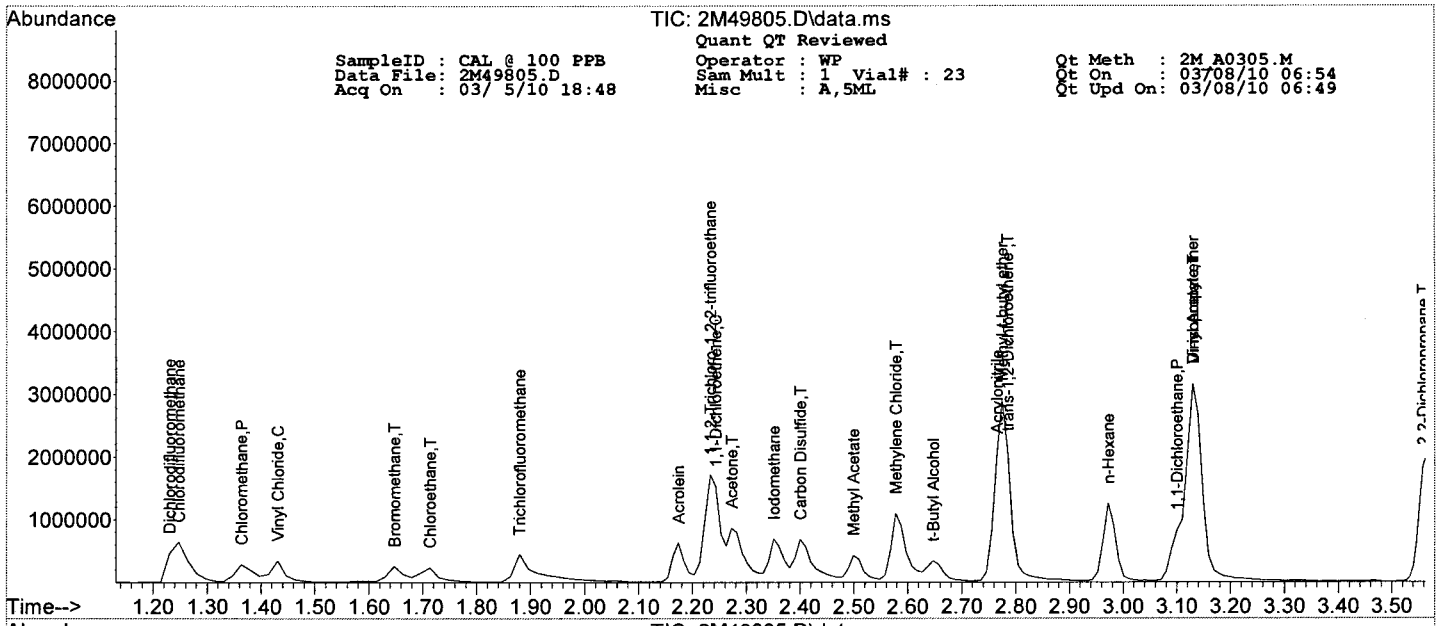
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49805.D Sam Mult : 1 Vial# : 23 Qt On : 03/08/10 06:54
Acq On : 03/ 5/10 18:48 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.560	106	702602	106.06 ug/l	99
71) trans-1,4-Dichloro-2-b...	6.981	53	180246	127.79 ug/l	98
72) 1,3-Dichlorobenzene	7.552	146	998616	106.41 ug/l	95
73) 1,4-Dichlorobenzene	7.601	146	1074174	107.01 ug/l	94
74) 1,2-Dichlorobenzene	7.841	146	1021874	107.60 ug/l	94
75) Isopropylbenzene	6.770	105	1852074	110.34 ug/l	96
76) Cyclohexanone	6.855	55	121582	720.63 ug/l	90
77) 1,2,3-Trichloropropane	6.981	75	699972	112.87 ug/l	93
78) 2-Chlorotoluene	7.089	91	1025073	103.24 ug/l	97
79) p-Ethyltoluene	7.083	105	1867477	108.98 ug/l	100
80) 4-Chlorotoluene	7.155	91	1029558	102.37 ug/l	93
81) n-Propylbenzene	7.023	91	2043465	110.64 ug/l	91
82) Bromobenzene	6.981	77	1005135	107.99 ug/l	90
83) 1,3,5-Trimethylbenzene	7.119	105	1404140	108.79 ug/l	96
84) t-Butylbenzene	7.324	119	1347576	108.88 ug/l	91
85) 1,2,4-Trimethylbenzene	7.354	105	1487695	106.76 ug/l	88
86) sec-Butylbenzene	7.456	105	1632268	109.92 ug/l	99
87) 4-Isopropyltoluene	7.540	119	1287301	105.69 ug/l	95
88) n-Butylbenzene	7.793	91	1384131	106.46 ug/l	90
89) p-Diethylbenzene	7.775	119	947483	120.05 ug/l	97
90) 1,2,4,5-Tetramethylben...	8.268	119	1385668	112.81 ug/l	96
91) 1,2-Dibromo-3-Chloropr...	8.334	157	151925	120.06 ug/l	79
92) Hexachlorobutadiene	8.954	225	275999	115.91 ug/l	99
93) 1,2,4-Trichlorobenzene	8.864	180	584862	103.17 ug/l	99
94) 1,2,3-Trichlorobenzene	9.195	180	570367	102.78 ug/l	98
95) Naphthalene	9.038	128	1394407	101.98 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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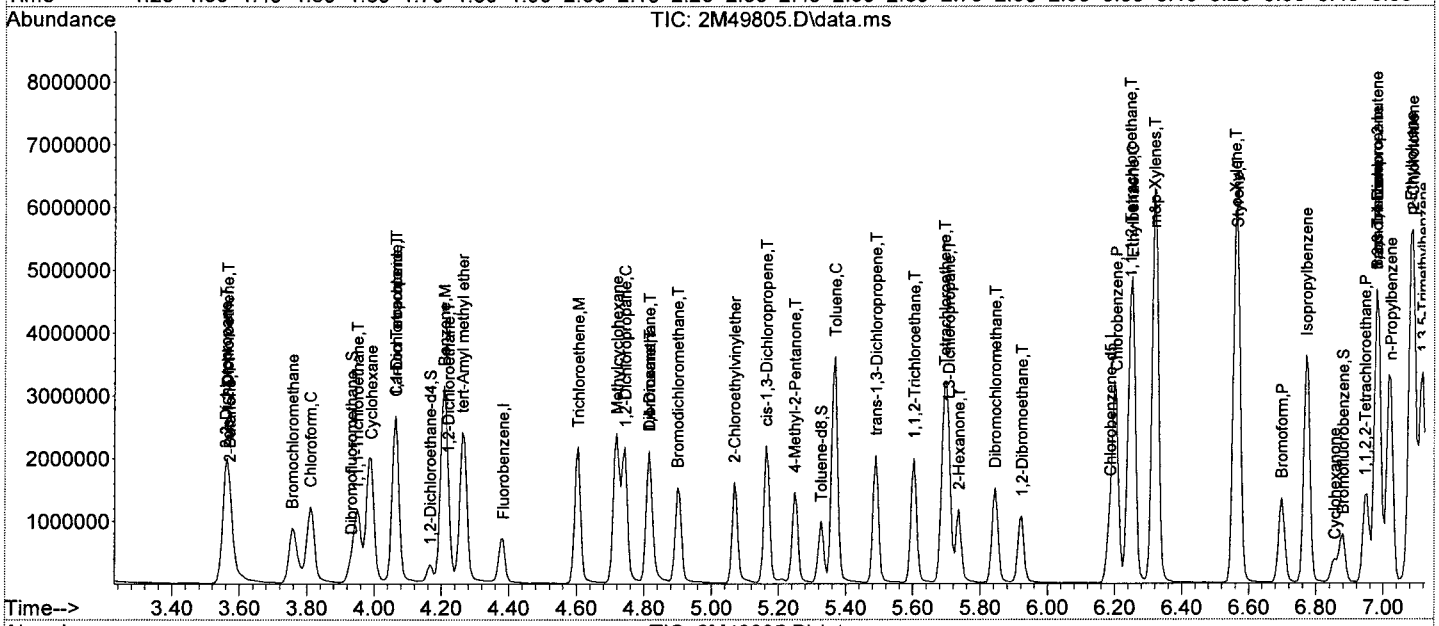
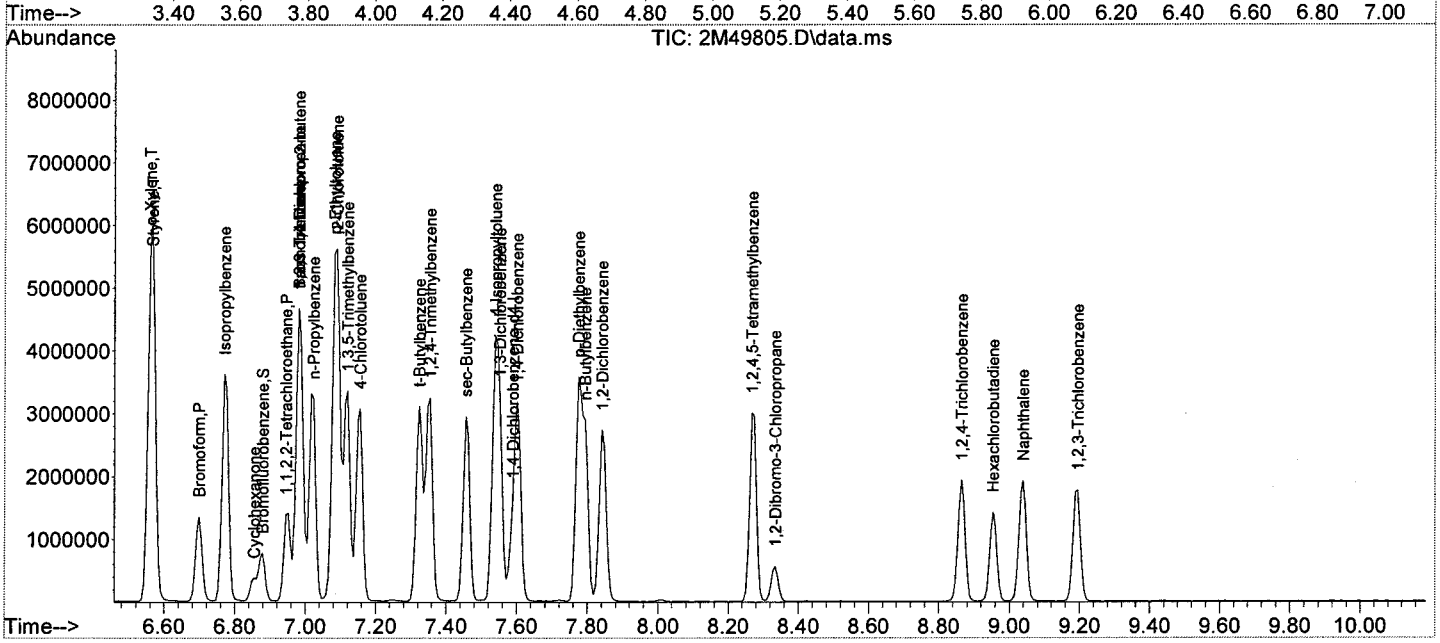
Quant QT Reviewed
SampleID : CAL @ 100 PPB
Data File: 2M49805.D
Acq On : 03/ 5/10 18:48
Operator : WP
Sam Mult : 1 Vial# : 23
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:54
Qt Upd On: 03/08/10 06:49
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M49805.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->


Abundance
TIC: 2M49805.D\data.ms
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49804.D Sam Mult : 1 Vial# : 22 Qt On : 03/08/10 06:52
Acq On : 03/ 5/10 18:32 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	407187	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.185	117	325738	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.587	152	188373	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	101190	24.95	ug/l	0.00
Spiked Amount 30.000			Recovery =	83.17%		
35) 1,2-Dichloroethane-d4	4.164	102	28244	32.17	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.23%		
59) Toluene-d8	5.325	100	286520	33.98	ug/l	0.00
Spiked Amount 30.000			Recovery =	113.27%		
67) Bromofluorobenzene	6.877	174	186013	32.89	ug/l	0.00
Spiked Amount 30.000			Recovery =	109.63%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.244	51	1751498	270.00	ug/l	58
6) Dichlorodifluoromethane	1.228	85	812547	168.51	ug/l	95
7) Chloromethane	1.361	50	1078131	239.24	ug/l	97
8) Bromomethane	1.627	94	303586	90.90	ug/l	94
9) Vinyl Chloride	1.427	62	841681	199.26	ug/l	97
10) Chloroethane	1.693	64	431852	166.52	ug/l	96
11) Trichlorofluoromethane	1.877	101	1120706	179.37	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.231	101	818491	204.91	ug/l	92
13) Methylene Chloride	2.576	84	1090715	214.99	ug/l	94
14) Acrolein	2.172	56	1128520	1608.39	ug/l	97
15) Acrylonitrile	2.764	53	446782	320.34	ug/l	93
16) Iodomethane	2.349	142	1730026	202.78	ug/l	99
17) Acetone	2.280	43	1871361	1464.57	ug/l	92
18) Carbon Disulfide	2.399	76	2229498	234.93	ug/l	100
19) t-Butyl Alcohol	2.655	59	612085	1403.38	ug/l	96
20) n-Hexane	2.971	57	1042068	304.99	ug/l	87
21) Di-isopropyl-ether	3.138	45	4232568	290.34	ug/l	91
22) 1,1-Dichloroethene	2.241	61	1597984	234.20	ug/l	91
23) Methyl Acetate	2.497	43	1127013	335.72	ug/l	100
24) Methyl-t-butyl ether	2.773	73	2777892	222.08	ug/l	99
25) 1,1-Dichloroethane	3.099	63	1910085	237.04	ug/l	99
26) trans-1,2-Dichloroethene	2.783	96	919701	205.79	ug/l	75
27) cis-1,2-Dichloroethene	3.563	61	1703956	261.46	ug/l	98
28) Bromochloromethane	3.755	49	870208	286.05	ug/l	86
29) 2,2-Dichloropropane	3.563	77	1121457	245.06	ug/l	96
30) 1,4-Dioxane	4.820	88	656706	12654.14	ug/l	87
31) 1,1-Dichloropropene	4.062	75	1184009	221.54	ug/l	98
32) Chloroform	3.809	83	1568431	221.06	ug/l	100
34) Cyclohexane	3.984	56	1607159	295.17	ug/l	93
36) 1,2-Dichloroethane	4.218	62	1212407	205.25	ug/l	97
37) 2-Butanone	3.575	43	596005	324.17	ug/l	89
38) 1,1,1-Trichloroethane	3.948	97	1180587	205.08	ug/l	99
39) Carbon Tetrachloride	4.062	117	950579	204.35	ug/l	91
40) Vinyl Acetate	3.128	43	4291147	299.63	ug/l	100
41) Bromodichloromethane	4.904	83	1422879	249.09	ug/l	97
42) Methylcyclohexane	4.718	83	1274198	268.23	ug/l	96
43) Dibromomethane	4.814	174	981723	234.25	ug/l	94
44) 1,2-Dichloropropane	4.742	63	1098258	263.94	ug/l	97
45) Trichloroethene	4.603	130	1073114	216.69	ug/l	86
46) Benzene	4.206	78	3300005	218.16	ug/l	100
47) tert-Amyl methyl ether	4.267	73	2776863	251.05	ug/l	80
49) Dibromochloromethane	5.843	129	1261045	282.23	ug/l	97
50) 2-Chloroethylvinylether	5.073	63	974494	347.85	ug/l	93
51) cis-1,3-Dichloropropene	5.169	75	1800848	292.67	ug/l	94
52) trans-1,3-Dichloropropene	5.488	75	1599608	278.96	ug/l	99
53) 1,1,2-Trichloroethane	5.602	97	959582	263.63	ug/l	89
54) 1,2-Dibromoethane	5.921	107	1171991	264.97	ug/l	92
55) 1,3-Dichloropropane	5.704	76	1568241	255.24	ug/l	96
56) 4-Methyl-2-Pentanone	5.253	43	1621001	395.18	ug/l	96
57) 2-Hexanone	5.734	43	1174162	395.40	ug/l	98
58) Tetrachloroethene	5.692	164	936653	248.95	ug/l	97
60) Toluene	5.367	92	2171543	241.33	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.246	133	828604	230.57	ug/l	95
62) Chlorobenzene	6.203	112	2572256	238.79	ug/l	99
64) Bromoform	6.697	173	1136691	331.33	ug/l	98
65) Ethylbenzene	6.258	106	886124	209.79	ug/l	95
66) 1,1,2,2-Tetrachloroethane	6.949	83	1263243	268.37	ug/l	87
68) Styrene	6.570	104	2308833	225.68	ug/l	90
69) m&p-Xylenes	6.324	106	2448128	410.33	ug/l	98

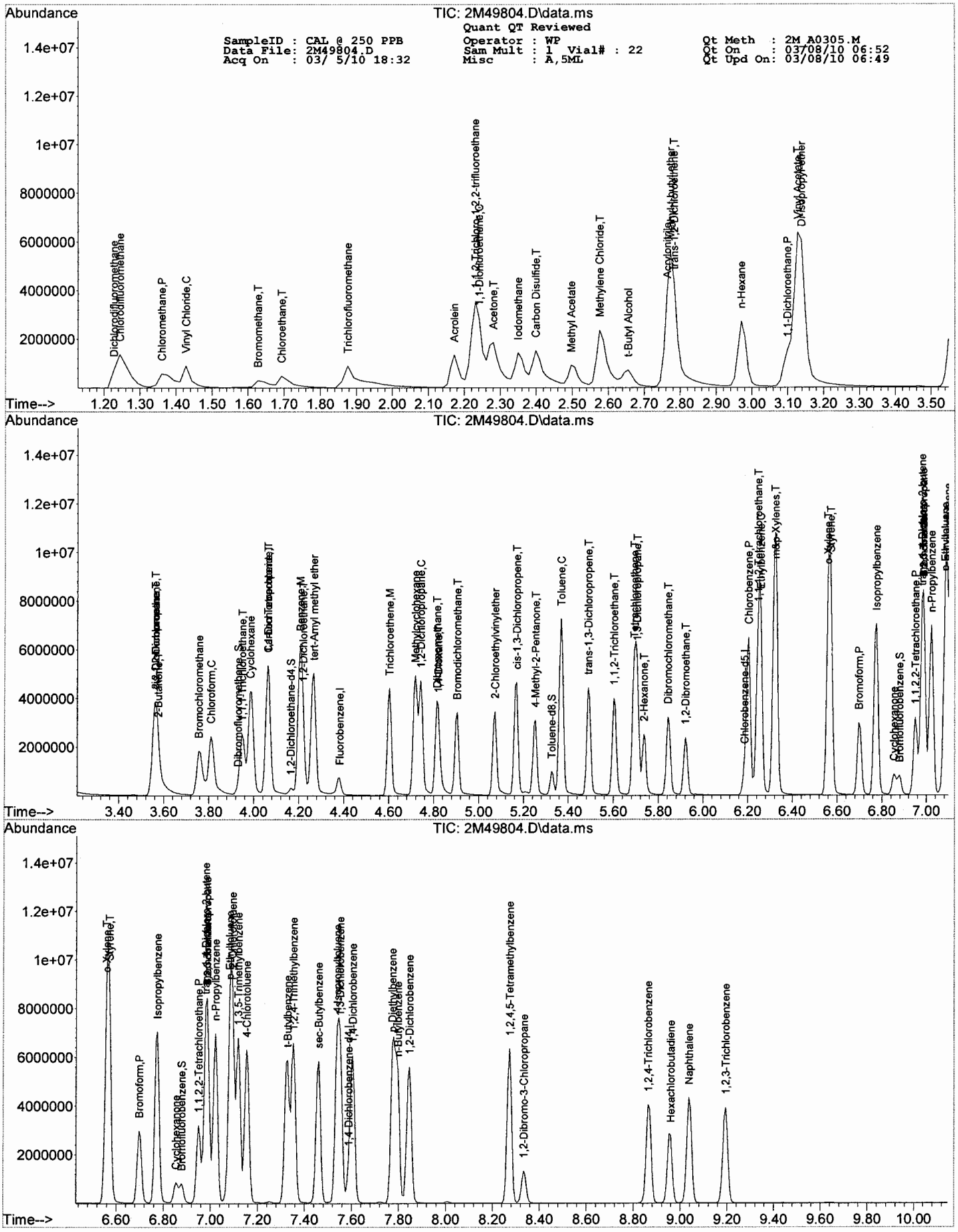
Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49804.D Sam Mult : 1 Vial# : 22 Qt On : 03/08/10 06:52
Acq On : 03/ 5/10 18:32 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.558	106	1297356	217.71	ug/l	99
71) trans-1,4-Dichloro-2-b...	6.979	53	369891	291.55	ug/l	93
72) 1,3-Dichlorobenzene	7.551	146	1924208	227.94	ug/l	96
73) 1,4-Dichlorobenzene	7.605	146	2175603	240.94	ug/l	94
74) 1,2-Dichlorobenzene	7.846	146	2122940	248.52	ug/l	94
75) Isopropylbenzene	6.775	105	3731175	247.12	ug/l	97
76) Cyclohexanone	6.853	55	281075	1852.05	ug/l	92
77) 1,2,3-Trichloropropane	6.985	75	1379005	247.21	ug/l	92
78) 2-Chlorotoluene	7.094	91	1774617	198.69	ug/l	99
79) p-Ethyltoluene	7.082	105	3577938	232.11	ug/l	97
80) 4-Chlorotoluene	7.154	91	2071367	228.97	ug/l	94
81) n-Propylbenzene	7.022	91	4274181	257.26	ug/l	93
82) Bromobenzene	6.985	77	1960265	234.12	ug/l	93
83) 1,3,5-Trimethylbenzene	7.118	105	2580349	222.25	ug/l	90
84) t-Butylbenzene	7.328	119	2748502	246.88	ug/l	93
85) 1,2,4-Trimethylbenzene	7.352	105	2981326	237.85	ug/l	88
86) sec-Butylbenzene	7.461	105	3398986	254.46	ug/l	100
87) 4-Isopropyltoluene	7.539	119	2466403	225.12	ug/l	97
88) n-Butylbenzene	7.798	91	2850744	243.75	ug/l	91
89) p-Diethylbenzene	7.774	119	1871300	263.58	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.273	119	2838121	256.85	ug/l	95
91) 1,2-Dibromo-3-Chloropr...	8.333	157	359830	316.11	ug/l	77
92) Hexachlorobutadiene	8.959	225	579742	270.66	ug/l	98
93) 1,2,4-Trichlorobenzene	8.862	180	1280039	251.02	ug/l	99
94) 1,2,3-Trichlorobenzene	9.193	180	1247323	249.86	ug/l	98
95) Naphthalene	9.037	128	3115201	253.27	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49804.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 250 PPB
Data File: 2M49804.D
Acq On : 03/ 5/10 18:32
Operator : WP
Sam Mult : 1 Vial# : 22
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:52
Qt Upd On: 03/08/10 06:49
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49803.D Sam Mult : 1 Vial# : 21 Qt On : 03/08/10 06:49
Acq On : 03/ 5/10 18:16 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	410796	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.187	117	308363	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	176339	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	94419	23.08	ug/l	0.00
Spiked Amount 30.000			Recovery = 76.93%			
35) 1,2-Dichloroethane-d4	4.165	102	25786	29.11	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.03%			
59) Toluene-d8	5.326	100	277092	34.72	ug/l	0.00
Spiked Amount 30.000			Recovery = 115.73%			
67) Bromofluorobenzene	6.884	174	182752	34.51	ug/l	0.00
Spiked Amount 30.000			Recovery = 115.03%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.244	51	3233484	494.07	ug/l	58
6) Dichlorodifluoromethane	1.228	85	1498904	308.12	ug/l	93
7) Chloromethane	1.377	50	2104162	462.83	ug/l	98
8) Bromomethane	1.627	94	249950	74.18	ug/l	95
9) Vinyl Chloride	1.427	62	1599778	375.40	ug/l	98
10) Chloroethane	1.694	64	597813	228.49	ug/l	96
11) Trichlorofluoromethane	1.860	101	1983090	314.61	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.223	101	1401448	347.78	ug/l	93
13) Methylene Chloride	2.578	84	2006537	392.04	ug/l	91
14) Acrolein	2.173	56	2013676	2844.72	ug/l	97
15) Acrylonitrile	2.765	53	737462	524.11	ug/l	97
16) Iodomethane	2.351	142	3017514	350.59	ug/l	98
17) Acetone	2.282	43	3329608	2582.93	ug/l	94
18) Carbon Disulfide	2.400	76	4138094	432.21	ug/l	100
19) t-Butyl Alcohol	2.666	59	1106074	2513.70	ug/l	99
20) n-Hexane	2.972	57	1818071	527.43	ug/l	88
21) Di-isopropyl-ether	3.140	45	6929717	471.19	ug/l	87
22) 1,1-Dichloroethene	2.233	61	2899392	421.19	ug/l	98
23) Methyl Acetate	2.509	43	2069170	610.96	ug/l	100
24) Methyl-t-butyl ether	2.775	73	4495461	356.23	ug/l	98
25) 1,1-Dichloroethane	3.100	63	3464867	426.21	ug/l	98
26) trans-1,2-Dichloroethene	2.785	96	1567927	347.76	ug/l	78
27) cis-1,2-Dichloroethene	3.564	61	2984816	453.97	ug/l	97
28) Bromochloromethane	3.756	49	1567383	510.69	ug/l	85
29) 2,2-Dichloropropane	3.564	77	2000022	433.21	ug/l	96
30) 1,4-Dioxane	4.827	88	1125875	21504.01	ug/l	84
31) 1,1-Dichloropropene	4.063	75	1875976	347.93	ug/l	99
32) Chloroform	3.810	83	2783608	388.88	ug/l	97
34) Cyclohexane	3.991	56	2696480	490.88	ug/l	92
36) 1,2-Dichloroethane	4.220	62	2045695	343.28	ug/l	100
37) 2-Butanone	3.576	43	1062627	572.88	ug/l	88
38) 1,1,1-Trichloroethane	3.949	97	2096727	361.02	ug/l	99
39) Carbon Tetrachloride	4.069	117	1601027	341.15	ug/l	89
40) Vinyl Acetate	3.130	43	7118789	492.70	ug/l	100
41) Bromodichloromethane	4.905	83	2466048	427.92	ug/l	97
42) Methylcyclohexane	4.719	83	2075722	433.12	ug/l	96
43) Dibromomethane	4.815	174	1609557	380.69	ug/l	95
44) 1,2-Dichloropropane	4.743	63	1854285	441.72	ug/l	96
45) Trichloroethene	4.604	130	1724491	345.16	ug/l	92
46) Benzene	4.207	78	5090988	333.60	ug/l	100
47) tert-Amyl methyl ether	4.268	73	4575554	410.03	ug/l	82
49) Dibromochloromethane	5.844	129	2138742	505.63	ug/l	98
50) 2-Chloroethylvinylether	5.074	63	1633890	616.09	ug/l	91
51) cis-1,3-Dichloropropene	5.170	75	2982830	512.09	ug/l	96
52) trans-1,3-Dichloropropene	5.495	75	2707762	498.83	ug/l	98
53) 1,1,2-Trichloroethane	5.609	97	1582850	459.36	ug/l	90
54) 1,2-Dibromoethane	5.922	107	2008932	479.79	ug/l	96
55) 1,3-Dichloropropane	5.711	76	2496410	429.20	ug/l	95
56) 4-Methyl-2-Pentanone	5.254	43	2829743	728.72	ug/l	99
57) 2-Hexanone	5.741	43	2047846	728.46	ug/l	97
58) Tetrachloroethene	5.693	164	1351762	379.53	ug/l	96
60) Toluene	5.368	92	3432012	402.90	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.247	133	1233808	362.67	ug/l	95
62) Chlorobenzene	6.205	112	4111017	403.14	ug/l	97
64) Bromoform	6.698	173	1931789	601.51	ug/l	97
65) Ethylbenzene	6.259	106	1175716	297.35	ug/l	97
66) 1,1,2,2-Tetrachloroethane	6.950	83	2167132	491.82	ug/l	87
68) Styrene	6.578	104	3222361	336.47	ug/l	91
69) m&p-Xylenes	6.325	106	3416802	611.77	ug/l	96

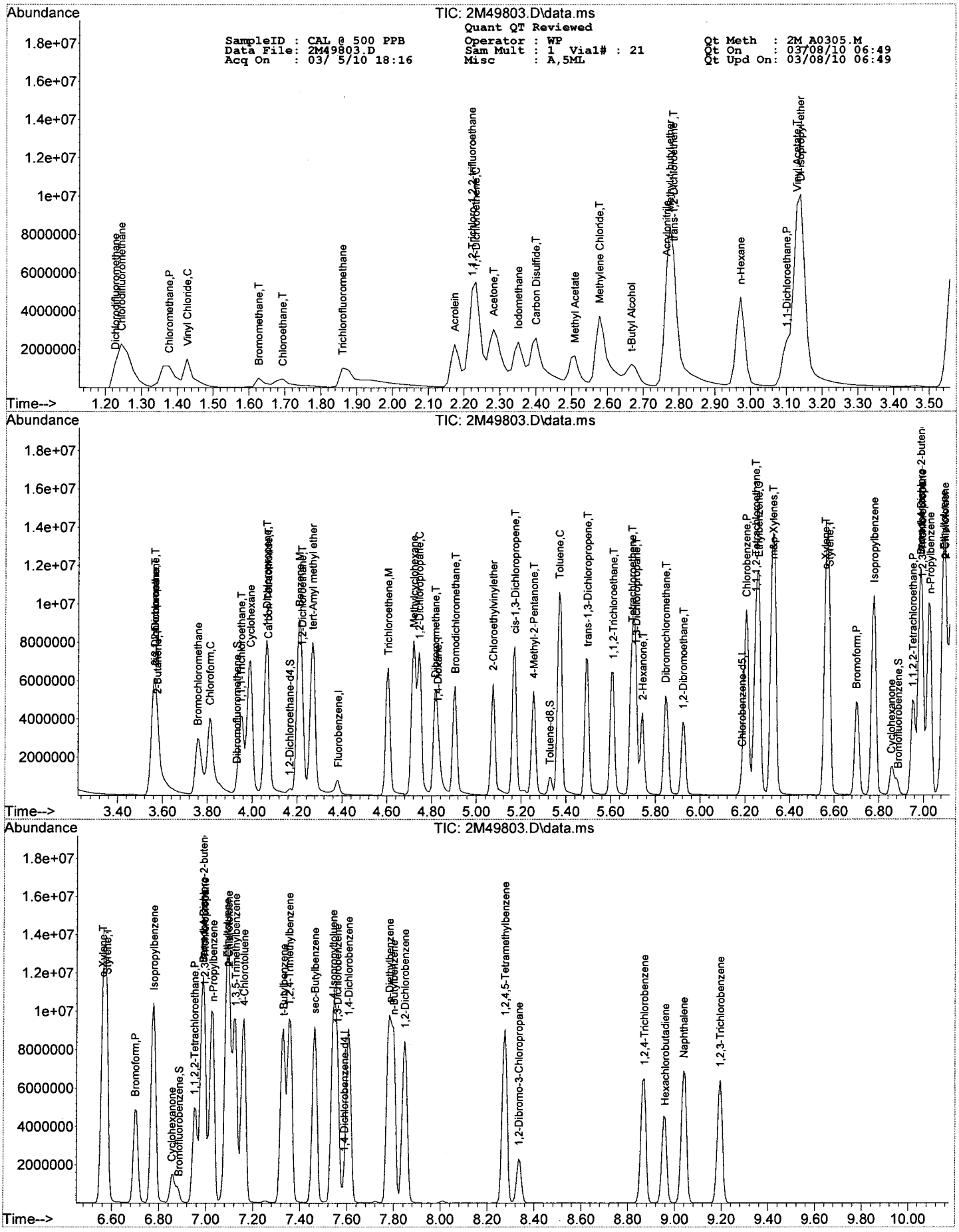
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49803.D Sam Mult : 1 Vial# : 21 Qt On : 03/08/10 06:49
Acq On : 03/ 5/10 18:16 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.559	106	1852439	332.07	ug/l	93
71) trans-1,4-Dichloro-2-b...	6.987	53	561088	472.43	ug/l	91
72) 1,3-Dichlorobenzene	7.558	146	2814239	356.12	ug/l	98
73) 1,4-Dichlorobenzene	7.606	146	3374722	399.25	ug/l	95
74) 1,2-Dichlorobenzene	7.847	146	3312225	414.20	ug/l	95
75) Isopropylbenzene	6.776	105	5758870	407.44	ug/l	98
76) Cyclohexanone	6.854	55	491189	3457.39	ug/l	91
77) 1,2,3-Trichloropropane	6.993	75	2053748	393.30	ug/l	91
78) 2-Chlorotoluene	7.095	91	2262817	270.64	ug/l	95
79) p-Ethyltoluene	7.089	105	4827521	334.55	ug/l	96
80) 4-Chlorotoluene	7.161	91	3227876	381.17	ug/l	97
81) n-Propylbenzene	7.029	91	6908534	444.19	ug/l	96
82) Bromobenzene	6.987	77	2953398	376.81	ug/l	99
83) 1,3,5-Trimethylbenzene	7.125	105	4229923	389.19	ug/l	99
84) t-Butylbenzene	7.329	119	4262190	408.97	ug/l	96
85) 1,2,4-Trimethylbenzene	7.354	105	4621759	393.89	ug/l	89
86) sec-Butylbenzene	7.462	105	5480921	438.33	ug/l	100
87) 4-Isopropyltoluene	7.540	119	3611145	352.11	ug/l	99
88) n-Butylbenzene	7.799	91	4446301	406.12	ug/l	93
89) p-Diethylbenzene	7.781	119	2782064	418.61	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.274	119	4475153	432.65	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.334	157	653468	613.25	ug/l	76
92) Hexachlorobutadiene	8.960	225	908262	452.98	ug/l	99
93) 1,2,4-Trichlorobenzene	8.869	180	2122735	444.69	ug/l	98
94) 1,2,3-Trichlorobenzene	9.194	180	2091156	447.49	ug/l	98
95) Naphthalene	9.038	128	5281636	458.71	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49803.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 500 PPB
Data File: 2M49803.D
Acq On : 03/ 5/10 18:16
Operator : WP
Sam Mult : 1 Vial# : 21
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 06:49
Qt Upd On: 03/08/10 06:49
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-Trichloro-1,2,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
trans-1,2-Dichloroethene,T
n-Hexane
1,1-Dichloroethane,P
Vinyl Acetate,T
Isopropyl ether
Time-->

Abundance
TIC: 2M49803.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
Carbon tetrachloride,T
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
1,2-Dichloropropane,T
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
Ethylbenzene,T
m&p-Xylenes,T
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->

Abundance
TIC: 2M49803.D\data.ms
o-Xylene,T
Styrene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49800.D Sam Mult : 1 Vial# : 18 Qt On : 03/08/10 07:01
Acq On : 03/ 5/10 17:22 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	418629	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	348988	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	205159	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	103826	24.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	83.00%		
35) 1,2-Dichloroethane-d4	4.171	102	28144	31.18	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.93%		
59) Toluene-d8	5.326	100	274930	30.44	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.47%		
67) Bromofluorobenzene	6.878	174	169305	27.48	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.60%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.242	51	13214	1.98	ug/l	32
6) Dichlorodifluoromethane	1.242	85	3021	0.61	ug/l	90
7) Chloromethane	1.375	50	5474m	1.18	ug/l	
8) Bromomethane	1.658	94	2457	0.72	ug/l	79
9) Vinyl Chloride	1.425	62	4008	0.92	ug/l	86
10) Chloroethane	1.708	64	2965	1.11	ug/l	77
11) Trichlorofluoromethane	1.891	101	4619	0.72	ug/l	87
12) 1,1,2-Trichloro-1,2,2-...	2.242	101	3361	0.82	ug/l	82
13) Methylene Chloride	2.587	84	4618	0.89	ug/l	71
14) Acrolein	2.182	56	2549	3.53	ug/l	90
15) Acrylonitrile	2.764	53	1803	1.26	ug/l	57
16) Iodomethane	2.360	142	7028	0.80	ug/l	83
17) Acetone	2.281	43	11600	8.83	ug/l	76
18) Carbon Disulfide	2.409	76	6385	0.65	ug/l	100
19) t-Butyl Alcohol	2.646	59	3034	6.77	ug/l	65
20) n-Hexane	2.981	57	3444m	0.98	ug/l	
21) Di-isopropyl-ether	3.139	45	17424	1.16	ug/l	88
22) 1,1-Dichloroethene	2.242	61	4761	0.68	ug/l	93
23) Methyl Acetate	2.508	43	6520	1.89	ug/l	100
24) Methyl-t-butyl ether	2.774	73	9511	0.74	ug/l	63
25) 1,1-Dichloroethane	3.109	63	7650	0.92	ug/l	97
26) trans-1,2-Dichloroethene	2.784	96	3541	0.77	ug/l	62
27) cis-1,2-Dichloroethene	3.563	61	6893	1.03	ug/l	90
28) Bromochloromethane	3.750	49	2371	0.76	ug/l	51
29) 2,2-Dichloropropane	3.563	77	4507	0.96	ug/l	88
30) 1,4-Dioxane	4.827	88	3146	58.96	ug/l	68
31) 1,1-Dichloropropene	4.063	75	4740	0.86	ug/l	53
32) Chloroform	3.822	83	6163m	0.84	ug/l	
34) Cyclohexane	3.996	56	5229	0.93	ug/l	91
36) 1,2-Dichloroethane	4.219	62	5419	0.89	ug/l	89
37) 2-Butanone	3.575	43	2666	1.41	ug/l	48
38) 1,1,1-Trichloroethane	3.948	97	5403	0.91	ug/l	81
39) Carbon Tetrachloride	4.069	117	2327	0.49	ug/l	84
40) Vinyl Acetate	3.129	43	17945	1.22	ug/l	100
41) Bromodichloromethane	4.905	83	4704	0.80	ug/l	75
42) Methylcyclohexane	4.712	83	4712	0.96	ug/l	95
43) Dibromomethane	4.814	174	4376	1.02	ug/l	70
44) 1,2-Dichloropropane	4.742	63	5537	1.29	ug/l	73
45) Trichloroethene	4.610	130	4693	0.92	ug/l	73
46) Benzene	4.207	78	16128	1.04	ug/l	100
47) tert-Amyl methyl ether	4.273	73	9747	0.86	ug/l	95
49) Dibromochloromethane	5.843	129	3067	0.64	ug/l	74
50) 2-Chloroethylvinylether	5.067	63	3146	1.05	ug/l	77
51) cis-1,3-Dichloropropene	5.169	75	4992	0.76	ug/l	88
52) trans-1,3-Dichloropropene	5.488	75	4223	0.69	ug/l	98
53) 1,1,2-Trichloroethane	5.603	97	3962	1.02	ug/l	83
54) 1,2-Dibromoethane	5.921	107	4052m	0.86	ug/l	
55) 1,3-Dichloropropane	5.699	76	7518	1.14	ug/l	81
56) 4-Methyl-2-Pentanone	5.248	43	4476	1.02	ug/l	89
57) 2-Hexanone	5.741	43	3887	1.22	ug/l	86
58) Tetrachloroethene	5.699	164	4686	1.16	ug/l	89
60) Toluene	5.368	92	11157	1.16	ug/l	82
61) 1,1,1,2-Tetrachloroethane	6.252	133	3353	0.87	ug/l	71
62) Chlorobenzene	6.204	112	12969	1.12	ug/l	94
64) Bromoform	6.697	173	1886	0.50	ug/l	76
65) Ethylbenzene	6.252	106	4084	0.89	ug/l	93
66) 1,1,2,2-Tetrachloroethane	6.944	83	4578	0.89	ug/l	60
68) Styrene	6.565	104	10443	0.94	ug/l	76
69) m&p-Xylenes	6.318	106	13808	2.13	ug/l	58

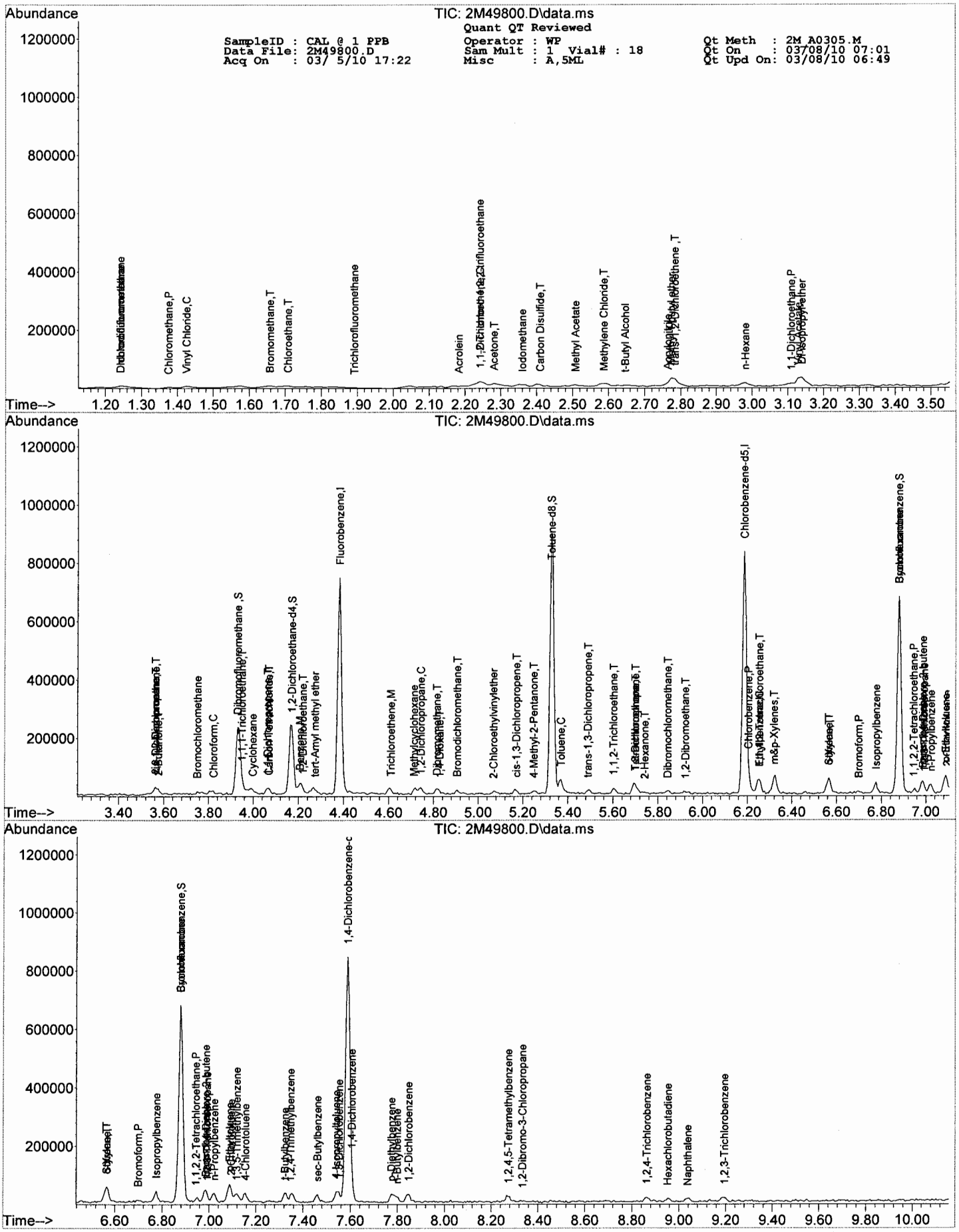
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49800.D Sam Mult : 1 Vial# : 18 Qt On : 03/08/10 07:01
Acq On : 03/ 5/10 17:22 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.565	106	6536	1.01	ug/l	85
71) trans-1,4-Dichloro-2-b...	6.986	53	1356m	0.98	ug/l	
72) 1,3-Dichlorobenzene	7.551	146	8778m	0.95	ug/l	
73) 1,4-Dichlorobenzene	7.606	146	11544m	1.17	ug/l	
74) 1,2-Dichlorobenzene	7.846	146	8942	0.96	ug/l	91
75) Isopropylbenzene	6.776	105	14084	0.86	ug/l	94
76) Cyclohexanone	6.878	55	1824m	11.04	ug/l	
77) 1,2,3-Trichloropropane	6.992	75	5455	0.90	ug/l	87
78) 2-Chlorotoluene	7.094	91	10210	1.05	ug/l	85
79) p-Ethyltoluene	7.088	105	16581	0.99	ug/l	85
80) 4-Chlorotoluene	7.154	91	9347	0.95	ug/l	90
81) n-Propylbenzene	7.022	91	18051	1.00	ug/l	100
82) Bromobenzene	6.986	77	8318	0.91	ug/l	83
83) 1,3,5-Trimethylbenzene	7.118	105	13022	1.03	ug/l	98
84) t-Butylbenzene	7.323	119	10567	0.87	ug/l	97
85) 1,2,4-Trimethylbenzene	7.347	105	14620	1.07	ug/l	88
86) sec-Butylbenzene	7.461	105	12665	0.87	ug/l	97
87) 4-Isopropyltoluene	7.539	119	10269	0.86	ug/l	95
88) n-Butylbenzene	7.798	91	10050	0.79	ug/l	84
89) p-Diethylbenzene	7.774	119	6593m	0.85	ug/l	
90) 1,2,4,5-Tetramethylben...	8.273	119	9038	0.75	ug/l	87
91) 1,2-Dibromo-3-Chloropr...	8.334	157	877	0.71	ug/l	96
92) Hexachlorobutadiene	8.953	225	1418m	0.61	ug/l	
93) 1,2,4-Trichlorobenzene	8.863	180	4020	0.72	ug/l	91
94) 1,2,3-Trichlorobenzene	9.194	180	4337	0.80	ug/l	90
95) Naphthalene	9.037	128	7702	0.57	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49800.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 1 PPB
Data File: 2M49800.D
Acq On : 03/ 5/10 17:22
Operator : WP
Sam Mult : 1 Vial# : 18
Misc : A,5ML
Qt Meth : 2M A0305.M
Qt On : 03/08/10 07:01
Qt Upd On: 03/08/10 06:49
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->
Fluorobenzene,I
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Toluene-d8,S
Chlorobenzene-d5,I
Bromochloromethane
Chloroform,C
Cyclohexane
tert-Amyl methyl ether
Trichloroethene,M
Methylcyclohexane
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
1,1,2,2-Tetrachloroethane,P
1,4-Dichlorobenzene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49801.D Sam Mult : 1 Vial# : 19 Qt On : 03/08/10 07:11
Acq On : 03/ 5/10 17:41 Misc : A,5ML Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
4) Fluorobenzene	4.381	96	389047	30.00 ug/l	0.00
48) Chlorobenzene-d5	6.186	117	320980	30.00 ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	182025	30.00 ug/l	0.00
System Monitoring Compounds					
33) Dibromofluoromethane	3.930	111	100710	25.99 ug/l	0.00
Spiked Amount 30.000			Recovery =	86.63%	
35) 1,2-Dichloroethane-d4	4.165	102	25194	30.03 ug/l	0.00
Spiked Amount 30.000			Recovery =	100.10%	
59) Toluene-d8	5.326	100	253436	30.50 ug/l	0.00
Spiked Amount 30.000			Recovery =	101.67%	
67) Bromofluorobenzene	6.878	174	153423	28.07 ug/l	0.00
Spiked Amount 30.000			Recovery =	93.57%	
Target Compounds					Qvalue
5) Chlorodifluoromethane	0.000		0	N.D. d	
6) Dichlorodifluoromethane	0.000		0	N.D. d	
7) Chloromethane	0.000		0	N.D. d	
8) Bromomethane	0.000		0	N.D. d	
9) Vinyl Chloride	0.000		0	N.D. d	
10) Chloroethane	0.000		0	N.D. d	
11) Trichlorofluoromethane	0.000		0	N.D. d	
12) 1,1,2-Trichloro-1,2,2-...	0.000		0	N.D. d	
13) Methylene Chloride	0.000		0	N.D. d	
14) Acrolein	0.000		0	N.D. d	
15) Acrylonitrile	0.000		0	N.D. d	
16) Iodomethane	0.000		0	N.D. d	
17) Acetone	0.000		0	N.D. d	
18) Carbon Disulfide	0.000		0	N.D. d	
19) t-Butyl Alcohol	0.000		0	N.D. d	
20) n-Hexane	0.000		0	N.D. d	
21) Di-isopropyl-ether	0.000		0	N.D. d	
22) 1,1-Dichloroethene	0.000		0	N.D. d	
23) Methyl Acetate	0.000		0	N.D. d	
24) Methyl-t-butyl ether	2.774	73	5693	0.48 ug/l #	62
25) 1,1-Dichloroethane	0.000		0	N.D. d	
26) trans-1,2-Dichloroethene	0.000		0	N.D. d	
27) cis-1,2-Dichloroethene	0.000		0	N.D. d	
28) Bromochloromethane	0.000		0	N.D. d	
29) 2,2-Dichloropropane	0.000		0	N.D. d	
30) 1,4-Dioxane	0.000		0	N.D. d	
31) 1,1-Dichloropropene	0.000		0	N.D. d	
32) Chloroform	0.000		0	N.D. d	
34) Cyclohexane	0.000		0	N.D. d	
36) 1,2-Dichloroethane	4.219	62	2972	0.53 ug/l	78
37) 2-Butanone	0.000		0	N.D. d	
38) 1,1,1-Trichloroethane	0.000		0	N.D. d	
39) Carbon Tetrachloride	0.000		0	N.D. d	
40) Vinyl Acetate	0.000		0	N.D. d	
41) Bromodichloromethane	0.000		0	N.D. d	
42) Methylcyclohexane	0.000		0	N.D. d	
43) Dibromomethane	0.000		0	N.D. d	
44) 1,2-Dichloropropane	0.000		0	N.D. d	
45) Trichloroethene	0.000		0	N.D. d	
46) Benzene	4.207	78	7643	0.53 ug/l	100
47) tert-Amyl methyl ether	0.000		0	N.D. d	
49) Dibromochloromethane	0.000		0	N.D. d	
50) 2-Chloroethylvinylether	0.000		0	N.D. d	
51) cis-1,3-Dichloropropene	0.000		0	N.D. d	
52) trans-1,3-Dichloropropene	0.000		0	N.D. d	
53) 1,1,2-Trichloroethane	0.000		0	N.D. d	
54) 1,2-Dibromoethane	0.000		0	N.D. d	
55) 1,3-Dichloropropane	0.000		0	N.D. d	
56) 4-Methyl-2-Pentanone	0.000		0	N.D. d	
57) 2-Hexanone	0.000		0	N.D. d	
58) Tetrachloroethene	0.000		0	N.D. d	
60) Toluene	0.000		0	N.D. d	
61) 1,1,1,2-Tetrachloroethane	0.000		0	N.D. d	
62) Chlorobenzene	0.000		0	N.D. d	
64) Bromoform	0.000		0	N.D. d	
65) Ethylbenzene	0.000		0	N.D. d	
66) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
68) Styrene	0.000		0	N.D. d	
69) m&p-Xylenes	6.318	106	6749	1.17 ug/l	51

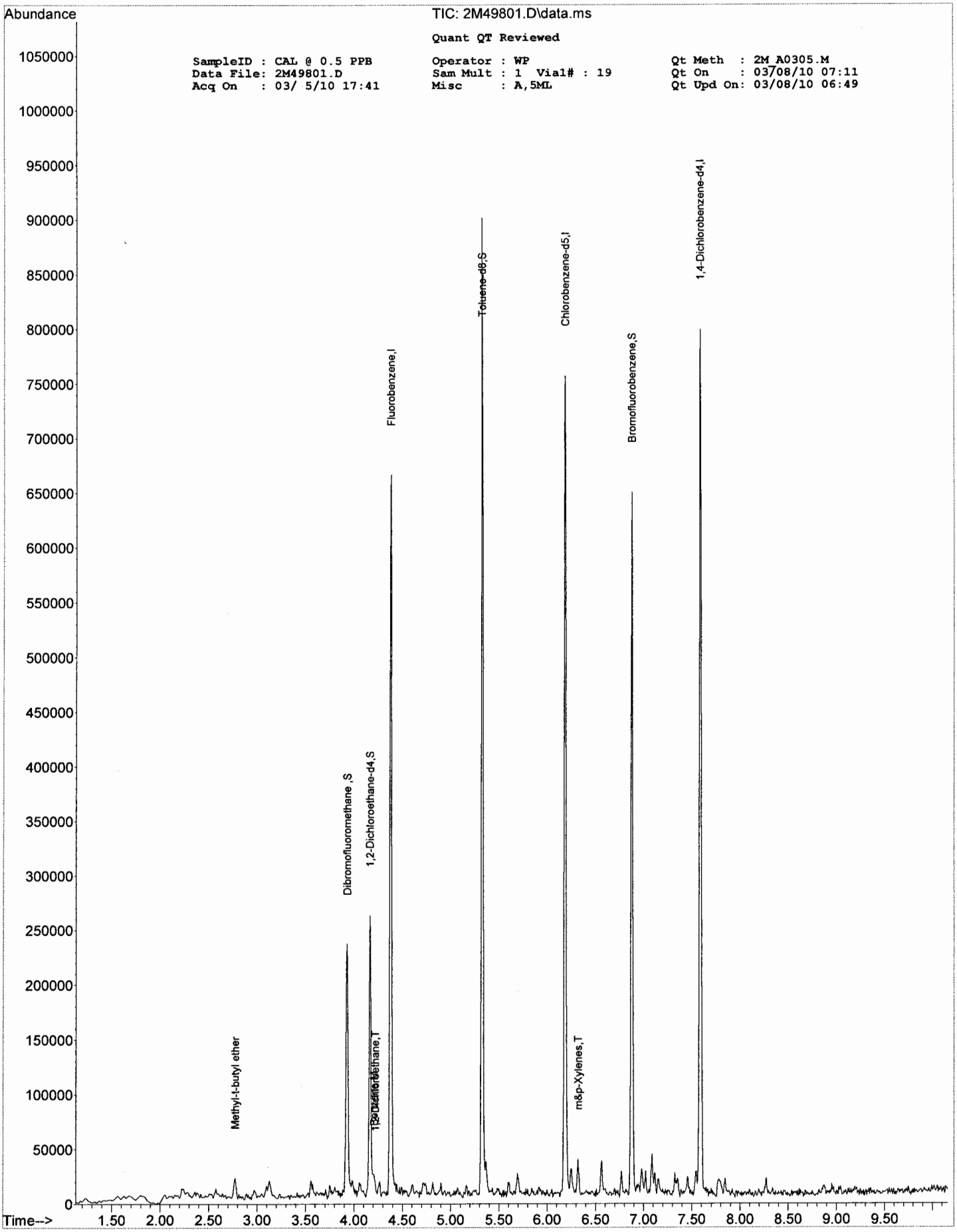
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB
Data File: 2M49801.D
Acq On : 03/ 5/10 17:41
Operator : WP
Sam Mult : 1 Vial# : 19
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 07:11
Qt Upd On: 03/08/10 06:49

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	0.000		0	N.D.	d	
71) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d	
72) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
73) 1,4-Dichlorobenzene	0.000		0	N.D.	d	
74) 1,2-Dichlorobenzene	0.000		0	N.D.	d	
75) Isopropylbenzene	0.000		0	N.D.	d	
76) Cyclohexanone	0.000		0	N.D.	d	
77) 1,2,3-Trichloropropane	0.000		0	N.D.	d	
78) 2-Chlorotoluene	0.000		0	N.D.	d	
79) p-Ethyltoluene	0.000		0	N.D.	d	
80) 4-Chlorotoluene	0.000		0	N.D.	d	
81) n-Propylbenzene	0.000		0	N.D.	d	
82) Bromobenzene	0.000		0	N.D.	d	
83) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
84) t-Butylbenzene	0.000		0	N.D.	d	
85) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
86) sec-Butylbenzene	0.000		0	N.D.	d	
87) 4-Isopropyltoluene	0.000		0	N.D.	d	
88) n-Butylbenzene	0.000		0	N.D.	d	
89) p-Diethylbenzene	0.000		0	N.D.	d	
90) 1,2,4,5-Tetramethylben...	0.000		0	N.D.	d	
91) 1,2-Dibromo-3-Chloropr...	0.000		0	N.D.	d	
92) Hexachlorobutadiene	0.000		0	N.D.	d	
93) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
94) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	
95) Naphthalene	0.000		0	N.D.	d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49801.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 0.5 PPB
Data File: 2M49801.D
Acq On : 03/ 5/10 17:41
Operator : WP
Sam Mult : 1 Vial# : 19
Misc : A,5ML
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 07:11
Qt Upd On: 03/08/10 06:49
Methyl-t-butyl ether
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M54682.D **Instrument:** GCMS 1

Cont Calibration Date/Time 3/3/2010 6:53:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.62	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.38	72.22				0.599			
Dichlorodifluoromethane	1	0		1.38	76.17	50			0.350	0.533	52.34	
Chloromethane	1	0	CP	1.51	52.89	50	0.1		0.416	0.440	5.78	
Bromomethane	1	0		1.83	56.24	50			0.161	0.181	12.48	
Vinyl Chloride	1	0	CC	1.58	56.39	50	20		0.282	0.318	12.78	
Chloroethane	1	0		1.90	60.52	50			0.163	0.197	21.04	
Trichlorofluoromethane	1	0		2.08	53.03	50			0.610	0.647	6.06	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.48	52.63	50			0.314	0.331	5.26	
Methylene Chloride	1	0		2.82	50.91	50			0.359	0.366	1.82	
Acrolein	1	0		2.39	248.65	250			0.035	0.035	0.54	
Acrylonitrile	1	0		3.00	49.77	50			0.079	0.079	0.46	
Iodomethane	1	0		2.59	53.14	50			0.509	0.541	6.28	
Acetone	1	0		2.50	274.15	250			0.063	0.064	9.66	
Carbon Disulfide	1	0		2.65	48.41	50			0.947	0.917	3.18	
t-Butyl Alcohol	1	0		2.89	249.56	250			0.009	0.009	0.18	
n-Hexane	1	0		3.26	57.54	50			0.516	0.594	15.08	
Di-isopropyl-ether	1	0		3.42	51.00	50			1.274	1.299	2.00	
1.1-Dichloroethene	1	0	CC	2.48	51.83	50	20		0.704	0.730	3.66	
Methyl Acetate	1	0		2.74	47.21	50			0.182	0.172	5.58	
Methyl-t-butyl ether	1	0		3.04	49.54	50			0.476	0.471	0.92	
1.1-Dichloroethane	1	0	CP	3.37	51.38	50	0.1		0.754	0.775	2.76	
trans-1.2-Dichloroethene	1	0		3.05	52.81	50			0.345	0.364	5.62	
cis-1.2-Dichloroethene	1	0		3.84	51.70	50			0.716	0.741	3.40	
Bromochloromethane	1	0		4.00	48.20	50			0.346	0.333	3.60	
2.2-Dichloropropane	1	0		3.85	52.89	50			0.464	0.491	5.78	
1.4-Dioxane	1	0		5.05	3371.82	2500			0.002	0.002	34.87	
1.1-Dichloropropene	1	0		4.31	48.73	50			0.605	0.590	2.54	
Chloroform	1	0	CC	4.05	51.70	50	20		0.659	0.681	3.40	
Dibromofluoromethane	1	0	S	4.17	30.93	75			0.270	0.279	3.10	
Cyclohexane	1	0		4.25	53.75	50			0.765	0.822	7.50	
1.2-Dichloroethane-d4	1	0	S	4.40	32.19	75			0.049	0.053	7.30	
1.2-Dichloroethane	1	0		4.45	48.48	50			0.528	0.512	3.04	
2-Butanone	1	0		3.84	48.68	50			0.107	0.104	2.64	
1.1.1-Trichloroethane	1	0		4.20	50.42	50			0.546	0.550	0.84	
Carbon Tetrachloride	1	0		4.32	51.83	50			0.486	0.504	3.66	
Vinyl Acetate	1	0		3.42	51.08	50			1.110	1.134	2.16	
Bromodichloromethane	1	0		5.14	49.74	50			0.531	0.528	0.52	
Methylcyclohexane	1	0		4.98	54.68	50			0.674	0.738	9.36	
Dibromomethane	1	0		5.05	52.81	50			0.233	0.246	5.62	
1.2-Dichloropropane	1	0	CC	4.98	48.07	50	20		0.401	0.385	3.86	
Trichloroethene	1	0		4.84	50.94	50			0.409	0.417	1.88	
Benzene	1	0		4.45	59.64	50			1.520	1.396	19.28	
tert-Amyl methyl ether	1	0		4.51	47.19	50			0.448	0.423	5.62	
Chlorobenzene-d5	1	0	I	6.45	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.09	47.45	50			0.438	0.416	5.10	
2-Chloroethylvinylether	1	0		5.30	49.89	50			0.206	0.205	0.22	
cis-1.3-Dichloropropene	1	0		5.40	50.03	50			0.729	0.730	0.06	
trans-1.3-Dichloropropene	1	0		5.73	48.85	50			0.587	0.573	2.30	
1.1.2-Trichloroethane	1	0		5.85	47.15	50			0.321	0.303	5.70	
1.2-Dibromoethane	1	0		6.17	47.65	50			0.332	0.317	4.70	
1.3-Dichloropropane	1	0		5.95	45.71	50			0.631	0.577	8.58	
4-Methyl-2-Pentanone	1	0		5.48	47.05	50			0.311	0.293	5.90	
2-Hexanone	1	0		5.98	48.41	50			0.210	0.203	3.18	
Tetrachloroethene	1	0		5.96	47.60	50			0.549	0.523	4.80	
Toluene-d8	1	0	S	5.58	30.20	75			0.900	0.907	0.67	
Toluene	1	0	CC	5.62	53.13	50	20		1.325	1.116	6.26	
1.1.1.2-Tetrachloroethane	1	0		6.51	45.06	50			0.443	0.399	9.88	
Chlorobenzene	1	0	CP	6.47	44.37	50	0.3		1.356	1.204	11.26	
1.4-Dichlorobenzene-d4	1	0	I	7.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.96	42.22	50	0.1		0.519	0.438	15.56	
Ethylbenzene	1	0	CC	6.52	40.61	50	20		0.992	0.806	18.78	
1.1.2.2-Tetrachloroethane	1	0	CP	7.21	38.34	50	0.3		0.638	0.489	23.32	
Bromofluorobenzene	1	0	S	7.15	28.49	75			0.890	0.845	5.03	
Styrene	1	0		6.83	41.52	50			2.307	1.916	16.96	
m&p-Xylenes	1	0		6.59	83.93	100			1.505	1.263	16.07	
o-Xylene	1	0		6.83	42.16	50			1.425	1.201	15.68	
trans-1.4-Dichloro-2-butene	1	0		7.24	45.66	50			0.255	0.232	8.68	
1.3-Dichlorobenzene	1	0		7.84	40.98	50			1.936	1.587	18.04	
1.4-Dichlorobenzene	1	0		7.89	41.75	50			1.887	1.576	16.50	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M54682.D **Instrument:** GCMS 1

Cont Calibration Date/Time 3/3/2010 6:53:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		8.13	38.61	50			1.655	1.278	22.78	
Isopropylbenzene	1	0		7.05	44.81	50			3.873	3.470	10.38	
Cyclohexanone	1	0		7.11	215.89				0.019			
1.2.3-Trichloropropane	1	0		7.25	41.53	50			0.849	0.705	16.94	
2-Chlorotoluene	1	0		7.36	45.43	50			2.373	2.129	9.14	
p-Ethyltoluene	1	0		7.36	51.28				4.476			
4-Chlorotoluene	1	0		7.43	38.66	50			2.408	1.862	22.68	
n-Propylbenzene	1	0		7.30	43.76	50			4.847	4.242	12.48	
Bromobenzene	1	0		7.26	41.09	50			2.325	1.911	17.82	
1.3.5-Trimethylbenzene	1	0		7.39	42.96	50			3.419	2.937	14.08	
t-Butylbenzene	1	0		7.61	44.71	50			3.186	2.849	10.58	
1.2.4-Trimethylbenzene	1	0		7.63	43.63	50			3.343	2.917	12.74	
sec-Butylbenzene	1	0		7.74	45.14	50			4.168	3.762	9.72	
4-Isopropyltoluene	1	0		7.82	43.35	50			3.489	3.024	13.30	
n-Butylbenzene	1	0		8.08	43.41	50			4.294	3.728	13.18	
p-Diethylbenzene	1	0		8.06	46.29				2.214			
1.2.4.5-Tetramethylbenzene	1	0		8.57	44.31				3.266			
1.2-Dibromo-3-Chloropropane	1	0		8.63	33.33	50			0.127	0.085	33.34	
Hexachlorobutadiene	1	0		9.28	40.26	50			1.197	0.964	19.48	
1.2.4-Trichlorobenzene	1	0		9.17	36.93	50			1.305	0.964	26.14	
1.2.3-Trichlorobenzene	1	0		9.50	34.23	50			1.201	0.822	31.54	
Naphthalene	1	0		9.35	32.96	50			1.660	1.094	34.08	
1.2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54682.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/10 07:04
Acq On : 03/ 3/10 06:53 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	163930	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	124601	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	77317	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	45663	30.93	ug/l	0.00
Spiked Amount 30.000			Recovery =	103.10%		
35) 1,2-Dichloroethane-d4	4.398	102	8614	32.19	ug/l	0.00
Spiked Amount 30.000			Recovery =	107.30%		
59) Toluene-d8	5.581	100	112963	30.20	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.67%		
67) Bromofluorobenzene	7.148	174	65304	28.49	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.97%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.379	51	236259	72.22	ug/l	1
6) Dichlorodifluoromethane	1.379	85	145657	76.17	ug/l	98
7) Chloromethane	1.513	50	120128	52.89	ug/l	98
8) Bromomethane	1.832	94	49420	56.24	ug/l	98
9) Vinyl Chloride	1.580	62	86873	56.39	ug/l	96
10) Chloroethane	1.899	64	53761	60.52	ug/l	97
11) Trichlorofluoromethane	2.083	101	176796	53.03	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	90323	52.63	ug/l	95
13) Methylene Chloride	2.821	84	99884	50.91	ug/l	98
14) Acrolein	2.388	56	47402	248.65	ug/l	95
15) Acrylonitrile	2.999	53	21455	49.77	ug/l	90
16) Iodomethane	2.595	142	147890	53.14	ug/l	72
17) Acetone	2.496	43	87140	274.15	ug/l	99
18) Carbon Disulfide	2.654	76	250446	48.41	ug/l	100
19) t-Butyl Alcohol	2.890	59	11748	249.56	ug/l	83
20) n-Hexane	3.265	57	162208	57.54	ug/l	91
21) Di-isopropyl-ether	3.422	45	355033	51.00	ug/l	89
22) 1,1-Dichloroethene	2.476	61	199350	51.83	ug/l	96
23) Methyl Acetate	2.742	43	46962	47.21	ug/l	100
24) Methyl-t-butyl ether	3.038	73	128771	49.54	ug/l	66
25) 1,1-Dichloroethane	3.373	63	211673	51.38	ug/l	99
26) trans-1,2-Dichloroethene	3.048	96	99456	52.81	ug/l	77
27) cis-1,2-Dichloroethene	3.836	61	202365	51.70	ug/l	93
28) Bromochloromethane	4.004	49	91048	48.20	ug/l	74
29) 2,2-Dichloropropane	3.846	77	134067	52.89	ug/l	91
30) 1,4-Dioxane	5.049	88	32870	3371.82	ug/l	62
31) 1,1-Dichloropropene	4.310	75	161192	48.73	ug/l	99
32) Chloroform	4.053	83	186105	51.70	ug/l	99
34) Cyclohexane	4.250	56	224643	53.75	ug/l	89
36) 1,2-Dichloroethane	4.447	62	139764	48.48	ug/l	96
37) 2-Butanone	3.836	43	28492	48.68	ug/l	95
38) 1,1,1-Trichloroethane	4.201	97	150387	50.42	ug/l	94
39) Carbon Tetrachloride	4.319	117	137767	51.83	ug/l	92
40) Vinyl Acetate	3.422	43	309903	51.08	ug/l	100
41) Bromodichloromethane	5.137	83	144326	49.74	ug/l	91
42) Methylcyclohexane	4.980	83	201520	54.68	ug/l	83
43) Dibromomethane	5.049	174	67335	52.81	ug/l	97
44) 1,2-Dichloropropane	4.980	63	105249	48.07	ug/l	90
45) Trichloroethene	4.842	130	113856	50.94	ug/l	88
46) Benzene	4.447	78	381418	59.64	ug/l	100
47) tert-Amyl methyl ether	4.507	73	115629	47.19	ug/l	78
49) Dibromochloromethane	6.093	129	86394	47.45	ug/l	95
50) 2-Chloroethylvinylether	5.305	63	42659	49.89	ug/l	96
51) cis-1,3-Dichloropropene	5.404	75	151563	50.03	ug/l	97
52) trans-1,3-Dichloropropene	5.729	75	119028	48.85	ug/l	95
53) 1,1,2-Trichloroethane	5.847	97	62879	47.15	ug/l	97
54) 1,2-Dibromoethane	6.172	107	65801	47.65	ug/l	95
55) 1,3-Dichloropropane	5.946	76	119736	45.71	ug/l	98
56) 4-Methyl-2-Pentanone	5.482	43	60853	47.05	ug/l	94
57) 2-Hexanone	5.975	43	42218	48.41	ug/l	96
58) Tetrachloroethene	5.955	164	108632	47.60	ug/l	97
60) Toluene	5.620	92	231839	53.13	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.507	133	82825	45.06	ug/l	99
62) Chlorobenzene	6.468	112	249960	44.37	ug/l	98
64) Bromoform	6.961	173	56495	42.22	ug/l	100
65) Ethylbenzene	6.517	106	103856	40.61	ug/l	89
66) 1,1,2,2-Tetrachloroethane	7.207	83	63008	38.34	ug/l	91
68) Styrene	6.833	104	246839	41.52	ug/l	87
69) m&p-Xylenes	6.586	106	325492	83.93	ug/l	99

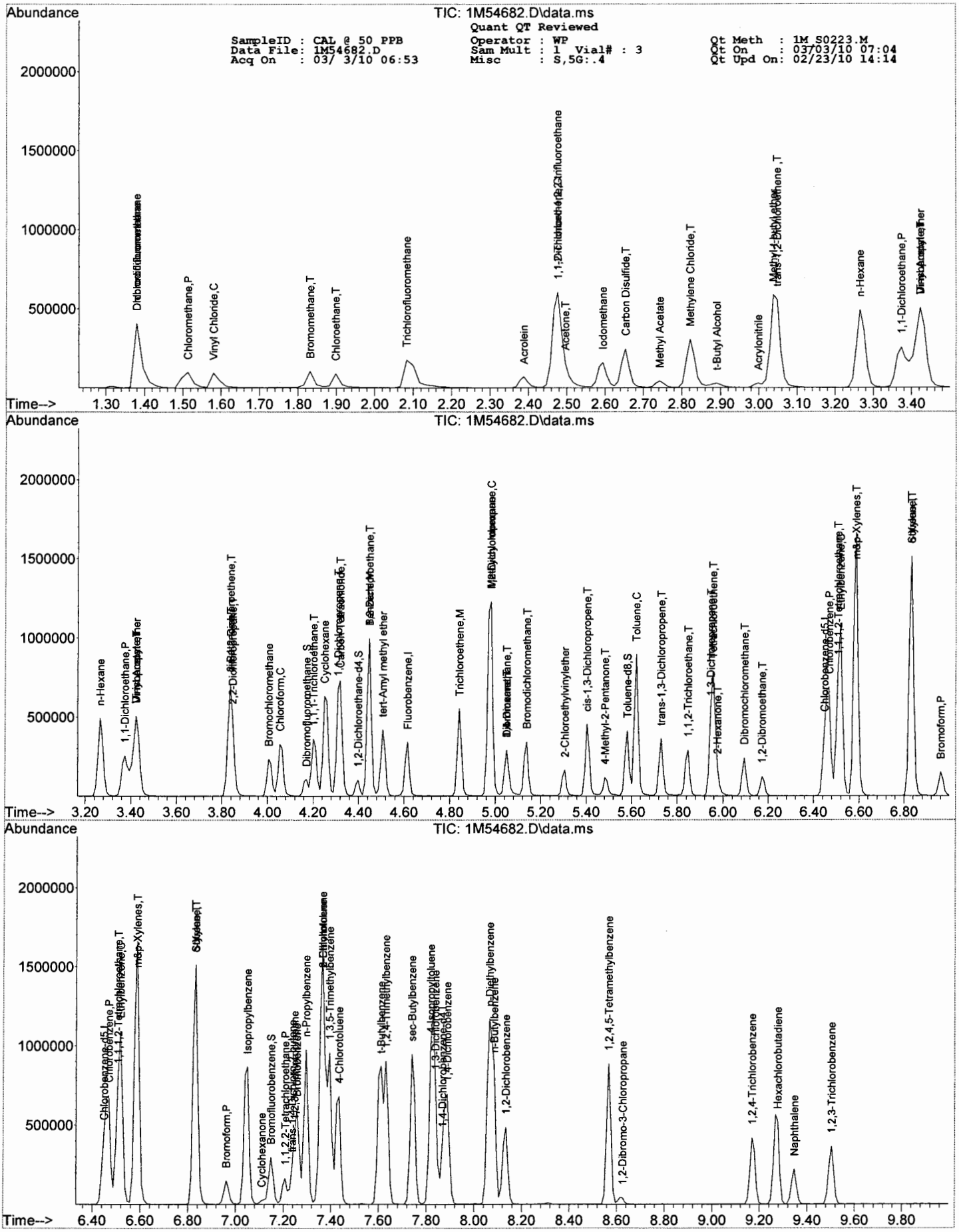
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54682.D Sam Mult : 1 Vial# : 3 Qt On : 03/03/10 07:04
Acq On : 03/ 3/10 06:53 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.833	106	154771	42.16 ug/l	86
71) trans-1,4-Dichloro-2-b...	7.237	53	29953	45.66 ug/l	61
72) 1,3-Dichlorobenzene	7.838	146	204465	40.98 ug/l	94
73) 1,4-Dichlorobenzene	7.887	146	203083	41.75 ug/l	95
74) 1,2-Dichlorobenzene	8.134	146	164667	38.61 ug/l	95
75) Isopropylbenzene	7.049	105	447184	44.81 ug/l	97
76) Cyclohexanone	7.109	55	10549	215.89 ug/l	93
77) 1,2,3-Trichloropropane	7.247	75	90821	41.53 ug/l	93
78) 2-Chlorotoluene	7.365	91	274335	45.43 ug/l	94
79) p-Ethyltoluene	7.365	105	591583	51.28 ug/l	98
80) 4-Chlorotoluene	7.434	91	239876	38.66 ug/l	97
81) n-Propylbenzene	7.296	91	546637	43.76 ug/l	97
82) Bromobenzene	7.256	77	246234	41.09 ug/l	86
83) 1,3,5-Trimethylbenzene	7.394	105	378492m	42.96 ug/l	
84) t-Butylbenzene	7.611	119	367141	44.71 ug/l	92
85) 1,2,4-Trimethylbenzene	7.631	105	375859	43.63 ug/l	97
86) sec-Butylbenzene	7.739	105	484827	45.14 ug/l	99
87) 4-Isopropyltoluene	7.818	119	389740	43.35 ug/l	94
88) n-Butylbenzene	8.084	91	480415	43.41 ug/l	98
89) p-Diethylbenzene	8.065	119	264066	46.29 ug/l	96
90) 1,2,4,5-Tetramethylben...	8.567	119	372982	44.31 ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.626	157	10894	33.33 ug/l	79
92) Hexachlorobutadiene	9.277	225	124206	40.26 ug/l	98
93) 1,2,4-Trichlorobenzene	9.168	180	124174	36.93 ug/l	99
94) 1,2,3-Trichlorobenzene	9.504	180	105916	34.23 ug/l	97
95) Naphthalene	9.346	128	140967	32.96 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54682.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M54682.D
Acq On : 03/ 3/10 06:53
Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:.4
Qt Meth : 1M_S0223.M
Qt On : 03703/10 07:04
Qt Upd On: 02/23/10 14:14
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M54682.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Time-->

Abundance
TIC: 1M54682.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M54818.D **Instrument:** GCMS 1

Cont Calibration Date/Time 3/8/2010 6:51:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.61	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.38	32.40				0.599			
Dichlorodifluoromethane	1	0		1.38	49.33	50			0.350	0.345	1.34	
Chloromethane	1	0	CP	1.49	44.24	50	0.1		0.416	0.368	11.52	
Bromomethane	1	0		1.83	37.84	50			0.161	0.122	24.32	
Vinyl Chloride	1	0	CC	1.58	48.42	50	20		0.282	0.273	3.16	
Chloroethane	1	0		1.90	47.20	50			0.163	0.153	5.60	
Trichlorofluoromethane	1	0		2.08	55.75	50			0.610	0.680	11.50	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.47	53.92	50			0.314	0.339	7.84	
Methylene Chloride	1	0		2.81	44.07	50			0.359	0.316	11.86	
Acrolein	1	0		2.38	168.45	250			0.035	0.024	32.62	
Acrylonitrile	1	0		2.99	26.27	50			0.079	0.041	47.46	
Iodomethane	1	0		2.58	46.46	50			0.509	0.473	7.08	
Acetone	1	0		2.49	197.35	250			0.063	0.049	21.06	
Carbon Disulfide	1	0		2.64	45.22	50			0.947	0.856	9.56	
t-Butyl Alcohol	1	0		2.89	171.78	250			0.009	0.006	31.29	
n-Hexane	1	0		3.26	52.93	50			0.516	0.546	5.86	
Di-isopropyl-ether	1	0		3.41	41.41	50			1.274	1.055	17.18	
1.1-Dichloroethene	1	0	CC	2.47	48.61	50	20		0.704	0.684	2.78	
Methyl Acetate	1	0		2.73	38.79	50			0.182	0.141	22.42	
Methyl-t-butyl ether	1	0		3.04	43.44	50			0.476	0.413	13.12	
1.1-Dichloroethane	1	0	CP	3.36	47.03	50	0.1		0.754	0.709	5.94	
trans-1.2-Dichloroethene	1	0		3.04	49.60	50			0.345	0.342	0.80	
cis-1.2-Dichloroethene	1	0		3.83	46.57	50			0.716	0.667	6.86	
Bromochloromethane	1	0		4.00	41.05	50			0.346	0.284	17.90	
2.2-Dichloropropane	1	0		3.84	51.58	50			0.464	0.478	3.16	
1.4-Dioxane	1	0		5.05	1910.77	2500			0.002	0.001	23.57	
1.1-Dichloropropene	1	0		4.31	48.96	50			0.605	0.593	2.08	
Chloroform	1	0	CC	4.05	49.27	50	20		0.659	0.649	1.46	
Dibromofluoromethane	1	0	S	4.16	31.31	75			0.270	0.282	4.37	
Cyclohexane	1	0		4.25	50.11	50			0.765	0.767	0.22	
1.2-Dichloroethane-d4	1	0	S	4.39	30.63	75			0.049	0.050	2.10	
1.2-Dichloroethane	1	0		4.44	44.63	50			0.528	0.471	10.74	
2-Butanone	1	0		3.83	40.08	50			0.107	0.086	19.84	
1.1.1-Trichloroethane	1	0		4.20	51.35	50			0.546	0.561	2.70	
Carbon Tetrachloride	1	0		4.32	53.98	50			0.486	0.525	7.96	
Vinyl Acetate	1	0		3.41	39.92	50			1.110	0.887	20.16	
Bromodichloromethane	1	0		5.13	32.18	50			0.531	0.342	35.64	
Methylcyclohexane	1	0		4.97	52.46	50			0.674	0.708	4.92	
Dibromomethane	1	0		5.05	47.17	50			0.233	0.220	5.66	
1.2-Dichloropropane	1	0	CC	4.97	40.98	50	20		0.401	0.328	18.04	
Trichloroethene	1	0		4.84	51.63	50			0.409	0.422	3.26	
Benzene	1	0		4.45	55.26	50			1.520	1.294	10.52	
tert-Amyl methyl ether	1	0		4.51	41.16	50			0.448	0.369	17.68	
Chlorobenzene-d5	1	0	I	6.45	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.09	45.74	50			0.438	0.401	8.52	
2-Chloroethylvinylether	1	0		5.30	42.34	50			0.206	0.174	15.32	
cis-1.3-Dichloropropene	1	0		5.40	47.64	50			0.729	0.695	4.72	
trans-1.3-Dichloropropene	1	0		5.73	44.21	50			0.587	0.519	11.58	
1.1.2-Trichloroethane	1	0		5.84	42.96	50			0.321	0.276	14.08	
1.2-Dibromoethane	1	0		6.17	43.70	50			0.332	0.291	12.60	
1.3-Dichloropropane	1	0		5.95	42.98	50			0.631	0.542	14.04	
4-Methyl-2-Pentanone	1	0		5.48	38.18	50			0.311	0.238	23.64	
2-Hexanone	1	0		5.98	36.76	50			0.210	0.154	26.48	
Tetrachloroethene	1	0		5.96	46.93	50			0.549	0.516	6.14	
Toluene-d8	1	0	S	5.58	29.90	75			0.900	0.897	0.33	
Toluene	1	0	CC	5.62	52.16	50	20		1.325	1.096	4.32	
1.1.1.2-Tetrachloroethane	1	0		6.50	45.28	50			0.443	0.401	9.44	
Chlorobenzene	1	0	CP	6.46	42.77	50	0.3		1.356	1.160	14.46	
1.4-Dichlorobenzene-d4	1	0	I	7.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.96	39.53	50	0.1		0.519	0.410	20.94	
Ethylbenzene	1	0	CC	6.52	41.24	50	20		0.992	0.818	17.52	
1.1.2.2-Tetrachloroethane	1	0	CP	7.20	34.41	50	0.3		0.638	0.439	31.18	
Bromofluorobenzene	1	0	S	7.15	28.45	75			0.890	0.843	5.17	
Styrene	1	0		6.83	43.66	50			2.307	2.014	12.68	
m&p-Xylenes	1	0		6.58	85.76	100			1.505	1.290	14.24	
o-Xylene	1	0		6.82	43.73	50			1.425	1.246	12.54	
trans-1.4-Dichloro-2-butene	1	0		7.23	42.88	50			0.255	0.218	14.24	
1.3-Dichlorobenzene	1	0		7.83	42.16	50			1.936	1.633	15.68	
1.4-Dichlorobenzene	1	0		7.88	41.33	50			1.887	1.560	17.34	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB **Data File:** 1M54818.D **Instrument:** GCMS 1

Cont Calibration Date/Time 3/8/2010 6:51:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		8.12	40.56	50			1.655	1.342	18.88	
Isopropylbenzene	1	0		7.04	46.14	50			3.873	3.574	7.72	
Cyclohexanone	1	0		7.11	172.91				0.019			
1.2.3-Trichloropropane	1	0		7.24	38.29	50			0.849	0.650	23.42	
2-Chlorotoluene	1	0		7.36	44.67	50			2.373	2.095	10.66	
p-Ethyltoluene	1	0		7.35	48.10				4.476			
4-Chlorotoluene	1	0		7.42	44.35	50			2.408	2.135	11.30	
n-Propylbenzene	1	0		7.29	45.46	50			4.847	4.407	9.08	
Bromobenzene	1	0		7.26	41.56	50			2.325	1.933	16.88	
1.3.5-Trimethylbenzene	1	0		7.38	39.01	50			3.419	2.667	21.98	
t-Butylbenzene	1	0		7.60	46.55	50			3.186	2.966	6.90	
1.2.4-Trimethylbenzene	1	0		7.63	46.09	50			3.343	3.081	7.82	
sec-Butylbenzene	1	0		7.74	47.90	50			4.168	3.993	4.20	
4-Isopropyltoluene	1	0		7.82	45.48	50			3.489	3.174	9.04	
n-Butylbenzene	1	0		8.07	48.23	50			4.294	4.143	3.54	
p-Diethylbenzene	1	0		8.05	52.67				2.214			
1.2.4.5-Tetramethylbenzene	1	0		8.56	50.80				3.266			
1.2-Dibromo-3-Chloropropane	1	0		8.62	36.26	50			0.127	0.092	27.48	
Hexachlorobutadiene	1	0		9.27	46.93	50			1.197	1.124	6.14	
1.2.4-Trichlorobenzene	1	0		9.17	41.87	50			1.305	1.093	16.26	
1.2.3-Trichlorobenzene	1	0		9.49	38.11	50			1.201	0.915	23.78	
Naphthalene	1	0		9.34	35.90	50			1.660	1.192	28.20	
1.2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54818.D Sam Mult : 1 Vial# : 30 Qt On : 03/08/10 07:03
Acq On : 03/ 8/10 06:51 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	225385	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	112126	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	67901	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.162	111	63544	31.31	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.37%		
35) 1,2-Dichloroethane-d4	4.388	102	11271	30.63	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.10%		
59) Toluene-d8	5.581	100	100633	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.67%		
67) Bromofluorobenzene	7.148	174	57272	28.45	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.83%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.376	51	145720	32.40	ug/l	1
6) Dichlorodifluoromethane	1.376	85	129695	49.33	ug/l	94
7) Chloromethane	1.493	50	138149	44.24	ug/l	96
8) Bromomethane	1.828	94	45714	37.84	ug/l	94
9) Vinyl Chloride	1.577	62	102557	48.42	ug/l	97
10) Chloroethane	1.895	64	57646	47.20	ug/l	94
11) Trichlorofluoromethane	2.079	101	255552	55.75	ug/l	100
12) 1,1,2-Trichloro-1,2,2-...	2.466	101	127236	53.92	ug/l	96
13) Methylene Chloride	2.811	84	118885	44.07	ug/l	93
14) Acrolein	2.378	56	44152	168.45	ug/l	97
15) Acrylonitrile	2.989	53	15566	26.27	ug/l	100
16) Iodomethane	2.585	142	177774	46.46	ug/l	74
17) Acetone	2.486	43	91425	197.35	ug/l	100
18) Carbon Disulfide	2.644	76	321627	45.22	ug/l	100
19) t-Butyl Alcohol	2.890	59	11118	171.78	ug/l	54
20) n-Hexane	3.265	57	205140	52.93	ug/l	90
21) Di-isopropyl-ether	3.413	45	396278	41.41	ug/l	89
22) 1,1-Dichloroethene	2.466	61	257062	48.61	ug/l	93
23) Methyl Acetate	2.733	43	53048	38.79	ug/l	100
24) Methyl-t-butyl ether	3.038	73	155251	43.44	ug/l	75
25) 1,1-Dichloroethane	3.363	63	266378	47.03	ug/l	100
26) trans-1,2-Dichloroethene	3.038	96	128425	49.60	ug/l	81
27) cis-1,2-Dichloroethene	3.827	61	250638	46.57	ug/l	90
28) Bromochloromethane	4.004	49	106618	41.05	ug/l	85
29) 2,2-Dichloropropane	3.836	77	179741	51.58	ug/l	93
30) 1,4-Dioxane	5.049	88	25610	1910.77	ug/l	75
31) 1,1-Dichloropropene	4.309	75	222664	48.96	ug/l	96
32) Chloroform	4.053	83	243834	49.27	ug/l	98
34) Cyclohexane	4.250	56	287937	50.11	ug/l	92
36) 1,2-Dichloroethane	4.438	62	176929	44.63	ug/l	96
37) 2-Butanone	3.827	43	32250	40.08	ug/l	99
38) 1,1,1-Trichloroethane	4.201	97	210562	51.35	ug/l	96
39) Carbon Tetrachloride	4.319	117	197270	53.98	ug/l	91
40) Vinyl Acetate	3.413	43	333046	39.92	ug/l	100
41) Bromodichloromethane	5.127	83	128365	32.18	ug/l	98
42) Methylcyclohexane	4.970	83	265813	52.46	ug/l	81
43) Dibromomethane	5.049	174	82689	47.17	ug/l	92
44) 1,2-Dichloropropane	4.970	63	123355	40.98	ug/l	86
45) Trichloroethene	4.842	130	158658	51.63	ug/l	97
46) Benzene	4.447	78	485933	55.26	ug/l	100
47) tert-Amyl methyl ether	4.507	73	138651	41.16	ug/l	87
49) Dibromochloromethane	6.093	129	74949	45.74	ug/l	100
50) 2-Chloroethylvinylether	5.295	63	32576	42.34	ug/l	95
51) cis-1,3-Dichloropropene	5.403	75	129868	47.64	ug/l	95
52) trans-1,3-Dichloropropene	5.729	75	96941	44.21	ug/l	94
53) 1,1,2-Trichloroethane	5.837	97	51552	42.96	ug/l	94
54) 1,2-Dibromoethane	6.172	107	54295	43.70	ug/l	95
55) 1,3-Dichloropropane	5.946	76	101309	42.98	ug/l	100
56) 4-Methyl-2-Pentanone	5.482	43	44444	38.18	ug/l	95
57) 2-Hexanone	5.975	43	28849	36.76	ug/l	96
58) Tetrachloroethene	5.955	164	96368	46.93	ug/l	100
60) Toluene	5.620	92	204845	52.16	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.497	133	74897	45.28	ug/l	92
62) Chlorobenzene	6.458	112	216825	42.77	ug/l	99
64) Bromoform	6.961	173	46455	39.53	ug/l	94
65) Ethylbenzene	6.517	106	92608	41.24	ug/l	94
66) 1,1,2,2-Tetrachloroethane	7.197	83	49662	34.41	ug/l	89
68) Styrene	6.833	104	227932	43.66	ug/l	94
69) m&p-Xylenes	6.576	106	292055	85.76	ug/l	90

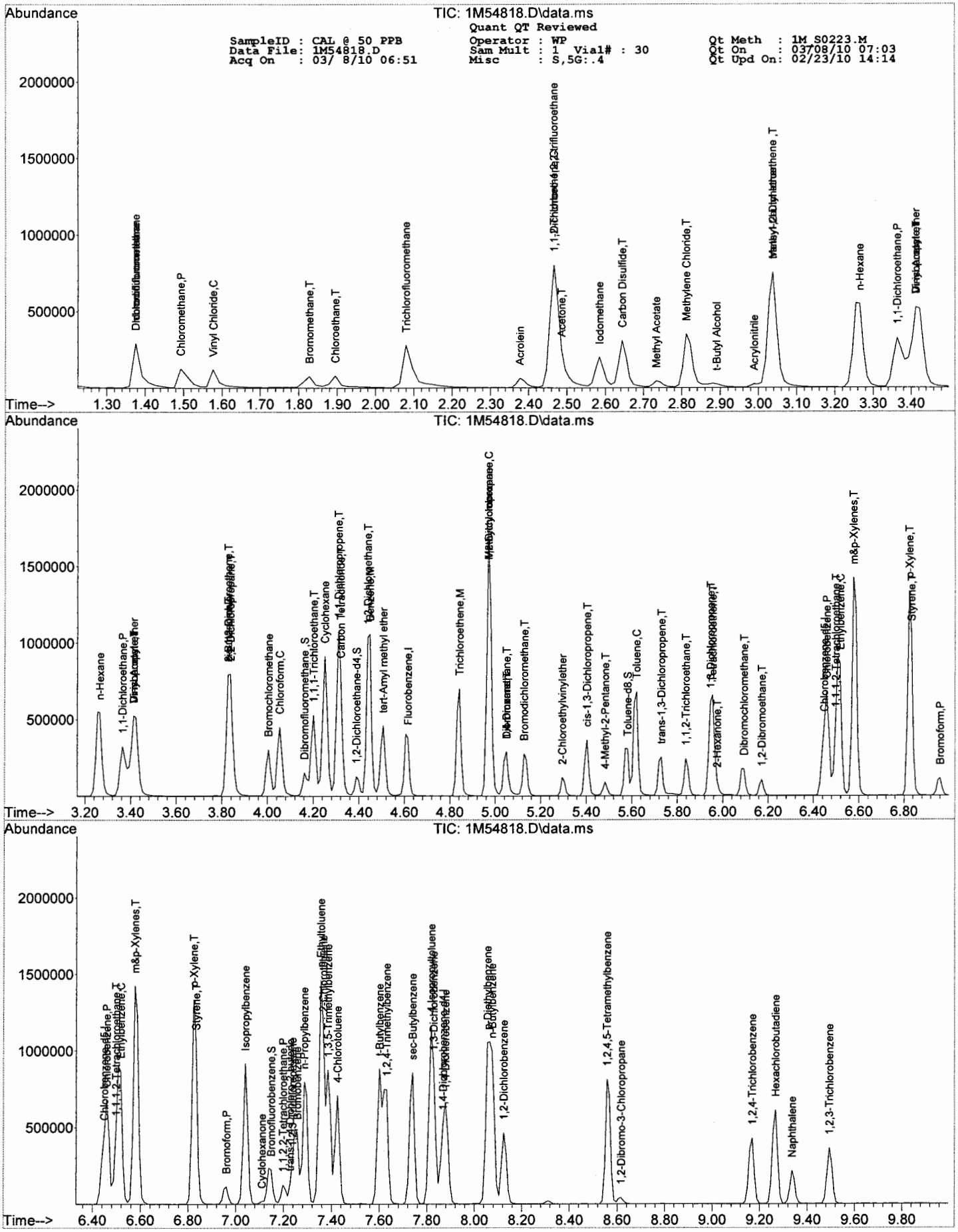
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54818.D Sam Mult : 1 Vial# : 30 Qt On : 03/08/10 07:03
Acq On : 03/ 8/10 06:51 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.823	106	141001	43.73 ug/l	84
71) trans-1,4-Dichloro-2-b...	7.227	53	24702	42.88 ug/l	58
72) 1,3-Dichlorobenzene	7.828	146	184760	42.16 ug/l	93
73) 1,4-Dichlorobenzene	7.877	146	176556	41.33 ug/l	91
74) 1,2-Dichlorobenzene	8.124	146	151911	40.56 ug/l	91
75) Isopropylbenzene	7.040	105	404429	46.14 ug/l	98
76) Cyclohexanone	7.108	55	7420	172.91 ug/l	98
77) 1,2,3-Trichloropropane	7.237	75	73535	38.29 ug/l	92
78) 2-Chlorotoluene	7.365	91	237085	44.67 ug/l	98
79) p-Ethyltoluene	7.355	105	487368	48.10 ug/l	98
80) 4-Chlorotoluene	7.424	91	241653	44.35 ug/l	97
81) n-Propylbenzene	7.286	91	498699	45.46 ug/l	96
82) Bromobenzene	7.256	77	218724	41.56 ug/l	87
83) 1,3,5-Trimethylbenzene	7.384	105	301824m	39.01 ug/l	
84) t-Butylbenzene	7.601	119	335644	46.55 ug/l	90
85) 1,2,4-Trimethylbenzene	7.631	105	348707	46.09 ug/l	96
86) sec-Butylbenzene	7.739	105	451882	47.90 ug/l	99
87) 4-Isopropyltoluene	7.818	119	359152	45.48 ug/l	94
88) n-Butylbenzene	8.074	91	468810	48.23 ug/l	98
89) p-Diethylbenzene	8.055	119	263903	52.67 ug/l	96
90) 1,2,4,5-Tetramethylben...	8.557	119	375523	50.80 ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.616	157	10411	36.26 ug/l	96
92) Hexachlorobutadiene	9.267	225	127148	46.93 ug/l	98
93) 1,2,4-Trichlorobenzene	9.168	180	123637	41.87 ug/l	99
94) 1,2,3-Trichlorobenzene	9.494	180	103577	38.11 ug/l	96
95) Naphthalene	9.336	128	134851	35.90 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54818.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 50 PPB
Data File: 1M54818.D
Acq On : 03/ 8/10 06:51
Operator : WP
Sam Mult : 1 Vial# : 30
Misc : S,5G:.4
Qt Meth : 1M_S0223.M
Qt On : 03/08/10 07:03
Qt Upd On: 02/23/10 14:14
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 1M54818.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Time-->

Abundance
TIC: 1M54818.D\data.ms
m&p-Xylenes,T
Styrene,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M49843.D **Instrument:** GCMS 2

Cont Calibration Date/Time 3/8/2010 9:15:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.39	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.26	14.45				0.590			
Dichlorodifluoromethane	1	0		1.24	17.04	20			0.236	0.201	14.80	
Chloromethane	1	0	CP	1.38	20.21	20	0.1		0.328	0.332	1.05	
Bromomethane	1	0		1.66	21.43	20			0.156	0.168	7.15	
Vinyl Chloride	1	0	CC	1.43	20.85	20	20		0.254	0.265	4.25	
Chloroethane	1	0		1.71	24.21	20			0.159	0.158	21.05	
Trichlorofluoromethane	1	0		1.89	20.73	20			0.345	0.357	3.65	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.24	21.41	20			0.252	0.270	7.05	
Methylene Chloride	1	0		2.59	21.40	20			0.329	0.352	7.00	
Acrolein	1	0		2.18	116.48	100			0.058	0.071	16.48	
Acrylonitrile	1	0		2.77	23.63	20			0.131	0.155	18.15	
Iodomethane	1	0		2.36	19.61	20			0.524	0.514	1.95	
Acetone	1	0		2.28	81.46	100			0.117	0.116	18.54	
Carbon Disulfide	1	0		2.41	21.78	20			0.581	0.633	8.90	
t-Butyl Alcohol	1	0		2.66	107.20	100			0.036	0.039	7.20	
n-Hexane	1	0		2.98	22.38	20			0.294	0.329	11.90	
Di-isopropyl-ether	1	0		3.14	23.99	20			1.240	1.487	19.95	
1.1-Dichloroethene	1	0	CC	2.25	22.28	20	20		0.448	0.499	11.40	
Methyl Acetate	1	0		2.51	23.24	20			0.342	0.360	16.20	
Methyl-t-butyl ether	1	0		2.77	23.38	20			0.820	0.959	16.90	
1.1-Dichloroethane	1	0	CP	3.11	22.59	20	0.1		0.559	0.631	12.95	
trans-1.2-Dichloroethene	1	0		2.78	23.15	20			0.278	0.322	15.75	
cis-1.2-Dichloroethene	1	0		3.57	20.53	20			0.506	0.520	2.65	
Bromochloromethane	1	0		3.77	25.16	20			0.249	0.314	25.80	
2.2-Dichloropropane	1	0		3.57	22.25	20			0.316	0.352	11.25	
1.4-Dioxane	1	0		4.83	1105.62	1000			0.004	0.005	10.56	
1.1-Dichloropropene	1	0		4.07	21.73	20			0.361	0.392	8.65	
Chloroform	1	0	CC	3.82	21.78	20	20		0.451	0.491	8.90	
Dibromofluoromethane	1	0	S	3.94	30.52	30			0.258	0.263	1.73	
Cyclohexane	1	0		4.00	22.64	20			0.461	0.522	13.20	
1.2-Dichloroethane-d4	1	0	S	4.17	30.63	30			0.066	0.068	2.10	
1.2-Dichloroethane	1	0		4.22	22.45	20			0.378	0.424	12.25	
2-Butanone	1	0		3.58	22.37	20			0.179	0.200	11.85	
1.1.1-Trichloroethane	1	0		3.95	21.02	20			0.351	0.368	5.10	
Carbon Tetrachloride	1	0		4.07	20.44	20			0.266	0.291	2.20	
Vinyl Acetate	1	0		3.14	23.01	20			1.221	1.404	15.05	
Bromodichloromethane	1	0		4.90	21.92	20			0.386	0.423	9.60	
Methylcyclohexane	1	0		4.72	22.10	20			0.377	0.416	10.50	
Dibromomethane	1	0		4.82	24.05	20			0.302	0.364	20.25	
1.2-Dichloropropane	1	0	CC	4.75	22.07	20	20		0.342	0.377	10.35	
Trichloroethene	1	0		4.61	22.32	20			0.335	0.373	11.60	
Benzene	1	0		4.21	22.59	20			1.070	1.209	12.95	
tert-Amyl methyl ether	1	0		4.27	23.80	20			0.798	0.949	19.00	
Chlorobenzene-d5	1	0	I	6.19	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.85	20.92	20			0.394	0.448	4.60	
2-Chloroethylvinylether	1	0		5.07	21.70	20			0.322	0.350	8.50	
cis-1.3-Dichloropropene	1	0		5.17	22.51	20			0.577	0.675	12.55	
trans-1.3-Dichloropropene	1	0		5.49	21.65	20			0.509	0.587	8.25	
1.1.2-Trichloroethane	1	0		5.61	21.81	20			0.347	0.379	9.05	
1.2-Dibromoethane	1	0		5.92	21.90	20			0.407	0.446	9.50	
1.3-Dichloropropane	1	0		5.70	22.99	20			0.588	0.676	14.95	
4-Methyl-2-Pentanone	1	0		5.25	20.21	20			0.522	0.567	1.05	
2-Hexanone	1	0		5.73	20.86	20			0.386	0.403	4.30	
Tetrachloroethene	1	0		5.70	22.22	20			0.369	0.410	11.10	
Toluene-d8	1	0	S	5.33	29.40	30			0.813	0.797	2.00	
Toluene	1	0	CC	5.37	21.88	20	20		0.853	0.933	9.40	
1.1.1.2-Tetrachloroethane	1	0		6.25	22.63	20			0.326	0.369	13.15	
Chlorobenzene	1	0	CP	6.20	21.87	20	0.3		1.021	1.116	9.35	
1.4-Dichlorobenzene-d4	1	0	I	7.59	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.70	17.09	20	0.1		0.559	0.648	14.55	
Ethylbenzene	1	0	CC	6.26	22.23	20	20		0.695	0.772	11.15	
1.1.2.2-Tetrachloroethane	1	0	CP	6.95	21.70	20	0.3		0.750	0.814	8.50	
Bromofluorobenzene	1	0	S	6.88	31.74	30			0.903	0.955	5.80	
Styrene	1	0		6.57	22.21	20			1.701	1.888	11.05	
m&p-Xylenes	1	0		6.32	42.25	40			1.002	1.058	5.63	
o-Xylene	1	0		6.56	21.73	20			0.987	1.073	8.65	
trans-1.4-Dichloro-2-butene	1	0		6.99	23.61	20			0.219	0.259	18.05	
1.3-Dichlorobenzene	1	0		7.56	23.17	20			1.301	1.507	15.85	
1.4-Dichlorobenzene	1	0		7.61	21.43	20			1.448	1.551	7.15	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound 1 - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M49843.D **Instrument:** GCMS 2

Cont Calibration Date/Time 3/8/2010 9:15:00 A Method: EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.85	22.04	20			1.339	1.476	10.20	
Isopropylbenzene	1	0		6.78	21.52	20			2.380	2.561	7.60	
Cyclohexanone	1	0		6.86	94.11				0.035			
1.2.3-Trichloropropane	1	0		6.99	22.86	20			0.888	1.015	14.30	
2-Chlorotoluene	1	0		7.09	21.33	20			1.447	1.544	6.65	
p-Ethyltoluene	1	0		7.09	21.32				2.644			
4-Chlorotoluene	1	0		7.15	22.06	20			1.364	1.504	10.30	
n-Propylbenzene	1	0		7.02	21.07	20			2.718	2.863	5.35	
Bromobenzene	1	0		6.99	22.79	20			1.329	1.515	13.95	
1.3.5-Trimethylbenzene	1	0		7.12	20.65	20			1.838	1.898	3.25	
t-Butylbenzene	1	0		7.33	21.46	20			1.755	1.882	7.30	
1.2.4-Trimethylbenzene	1	0		7.35	20.80	20			1.991	2.071	4.00	
sec-Butylbenzene	1	0		7.46	21.04	20			2.116	2.226	5.20	
4-Isopropyltoluene	1	0		7.54	22.11	20			1.658	1.832	10.55	
n-Butylbenzene	1	0		7.80	21.58	20			1.787	1.928	7.90	
p-Diethylbenzene	1	0		7.78	21.56				1.189			
1.2.4.5-Tetramethylbenzene	1	0		8.27	23.77				1.734			
1.2-Dibromo-3-Chloropropane	1	0		8.34	16.60	20			0.184	0.185	17.00	
Hexachlorobutadiene	1	0		8.96	25.07	20			0.329	0.406	25.35	
1.2.4-Trichlorobenzene	1	0		8.87	24.49	20			0.742	0.908	22.45	
1.2.3-Trichlorobenzene	1	0		9.19	23.77	20			0.732	0.870	18.85	
Naphthalene	1	0		9.04	20.83	20			1.708	1.917	4.15	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB
Data File: 2M49843.D
Acq On : 03/ 8/10 09:15

Operator : WP
Sam Mult : 1 Vial# : 14
Misc : a,5ml

Qt Meth : 2M_A0305.M
Qt On : 03/08/10 09:34
Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.387	96	445496	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.192	117	381400	30.00	ug/l	0.01
63) 1,4-Dichlorobenzene-d4	7.593	152	236716	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.936	111	117058	30.52	ug/l	0.00
Spiked Amount 30.000			Recovery = 101.73%			
35) 1,2-Dichloroethane-d4	4.171	102	30147	30.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 102.10%			
59) Toluene-d8	5.332	100	303812	29.40	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.00%			
67) Bromofluorobenzene	6.884	174	226158	31.74	ug/l	0.00
Spiked Amount 30.000			Recovery = 105.80%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.261	51	103774	14.45	ug/l	70
6) Dichlorodifluoromethane	1.245	85	59824	17.04	ug/l	93
7) Chloromethane	1.378	50	98459	20.21	ug/l	100
8) Bromomethane	1.661	94	49790	21.43	ug/l	92
9) Vinyl Chloride	1.428	62	78714	20.85	ug/l	98
10) Chloroethane	1.711	64	46930	24.21	ug/l	90
11) Trichlorofluoromethane	1.894	101	106168	20.73	ug/l	92
12) 1,1,2-Trichloro-1,2,2-...	2.242	101	80069	21.41	ug/l	96
13) Methylene Chloride	2.587	84	104463	21.40	ug/l	89
14) Acrolein	2.183	56	105082	116.48	ug/l	99
15) Acrylonitrile	2.775	53	45978	23.63	ug/l	96
16) Iodomethane	2.361	142	152538	19.61	ug/l	93
17) Acetone	2.282	43	171841	81.46	ug/l	95
18) Carbon Disulfide	2.410	76	187986	21.78	ug/l	100
19) t-Butyl Alcohol	2.656	59	57274	107.20	ug/l	92
20) n-Hexane	2.982	57	97784	22.38	ug/l	88
21) Di-isopropyl-ether	3.140	45	441727	23.99	ug/l	91
22) 1,1-Dichloroethene	2.252	61	148349	22.28	ug/l	85
23) Methyl Acetate	2.509	43	106907	23.24	ug/l	100
24) Methyl-t-butyl ether	2.775	73	284756	23.38	ug/l	97
25) 1,1-Dichloroethane	3.110	63	187354	22.59	ug/l	99
26) trans-1,2-Dichloroethene	2.785	96	95621	23.15	ug/l	86
27) cis-1,2-Dichloroethene	3.569	61	154325	20.53	ug/l	98
28) Bromochloromethane	3.768	49	93184	25.16	ug/l	84
29) 2,2-Dichloropropane	3.569	77	104477	22.25	ug/l	92
30) 1,4-Dioxane	4.826	88	67617	1105.62	ug/l	87
31) 1,1-Dichloropropene	4.068	75	116452	21.73	ug/l	94
32) Chloroform	3.816	83	145875	21.78	ug/l	99
34) Cyclohexane	3.996	56	155113	22.64	ug/l	92
36) 1,2-Dichloroethane	4.219	62	125941	22.45	ug/l	98
37) 2-Butanone	3.581	43	59317	22.37	ug/l	86
38) 1,1,1-Trichloroethane	3.954	97	109428	21.02	ug/l	93
39) Carbon Tetrachloride	4.074	117	86509	20.44	ug/l	99
40) Vinyl Acetate	3.140	43	417110	23.01	ug/l	100
41) Bromodichloromethane	4.905	83	125651	21.92	ug/l	92
42) Methylcyclohexane	4.724	83	123655	22.10	ug/l	98
43) Dibromomethane	4.820	174	107975	24.05	ug/l	93
44) 1,2-Dichloropropane	4.748	63	111982	22.07	ug/l	96
45) Trichloroethene	4.610	130	110921	22.32	ug/l	86
46) Benzene	4.213	78	359030	22.59	ug/l	100
47) tert-Amyl methyl ether	4.267	73	281858	23.80	ug/l	83
49) Dibromochloromethane	5.849	129	113792	20.92	ug/l	100
50) 2-Chloroethylvinylether	5.073	63	88868	21.70	ug/l	93
51) cis-1,3-Dichloropropene	5.169	75	171705	22.51	ug/l	100
52) trans-1,3-Dichloropropene	5.494	75	149154	21.65	ug/l	91
53) 1,1,2-Trichloroethane	5.608	97	96254	21.81	ug/l	89
54) 1,2-Dibromoethane	5.921	107	113423	21.90	ug/l	96
55) 1,3-Dichloropropane	5.705	76	171975	22.99	ug/l	96
56) 4-Methyl-2-Pentanone	5.253	43	144193	20.21	ug/l	91
57) 2-Hexanone	5.735	43	102426	20.86	ug/l	96
58) Tetrachloroethene	5.699	164	104158	22.22	ug/l	92
60) Toluene	5.368	92	237354	21.88	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.246	133	93698	22.63	ug/l	84
62) Chlorobenzene	6.204	112	283819	21.87	ug/l	95
64) Bromoform	6.703	173	102277	17.09	ug/l	99
65) Ethylbenzene	6.258	106	121872	22.23	ug/l	89
66) 1,1,2,2-Tetrachloroethane	6.950	83	128448	21.70	ug/l	88
68) Styrene	6.571	104	297977	22.21	ug/l	85
69) m&p-Xylenes	6.324	106	333953	42.25	ug/l	80

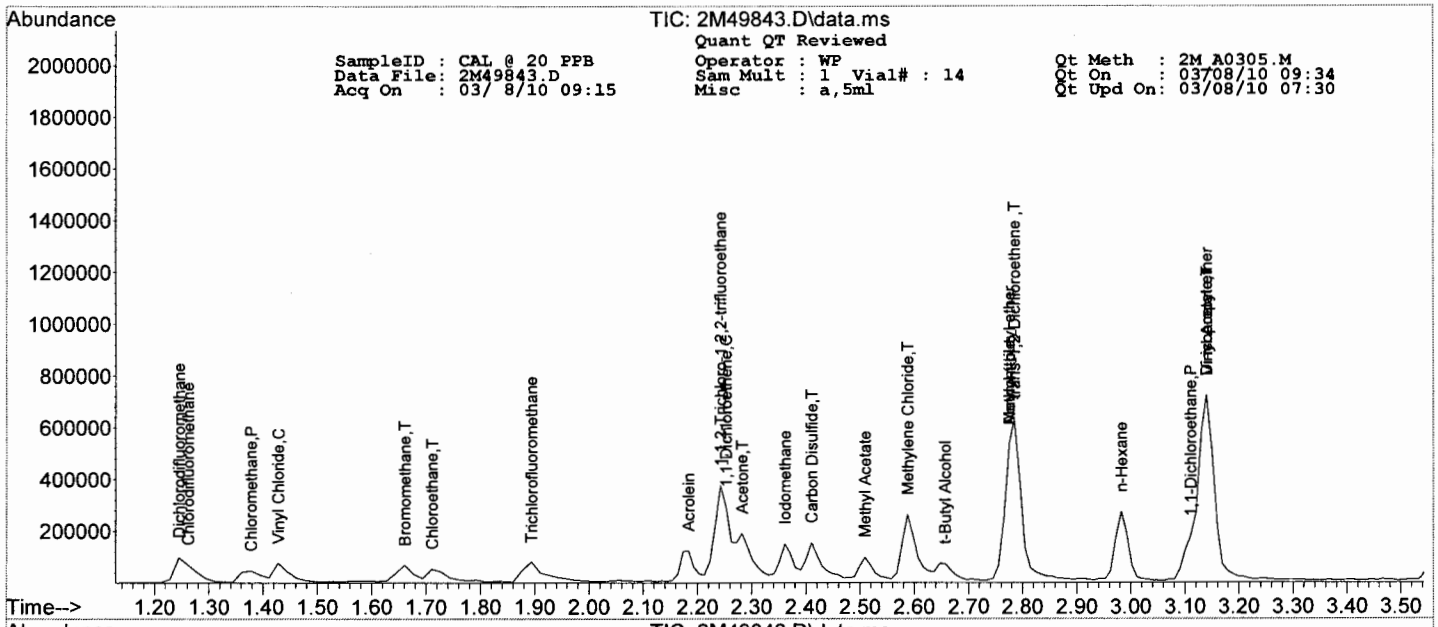
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49843.D Sam Mult : 1 Vial# : 14 Qt On : 03/08/10 09:34
Acq On : 03/ 8/10 09:15 Misc : a,5ml Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.565	106	169282	21.73 ug/l	91
71) trans-1,4-Dichloro-2-b...	6.986	53	40806	23.61 ug/l	97
72) 1,3-Dichlorobenzene	7.557	146	237836	23.17 ug/l	94
73) 1,4-Dichlorobenzene	7.606	146	244784	21.43 ug/l	95
74) 1,2-Dichlorobenzene	7.846	146	232973	22.04 ug/l	93
75) Isopropylbenzene	6.775	105	404125	21.52 ug/l	95
76) Cyclohexanone	6.860	55	25195	94.11 ug/l	88
77) 1,2,3-Trichloropropane	6.986	75	160148	22.86 ug/l	93
78) 2-Chlorotoluene	7.094	91	243584	21.33 ug/l	96
79) p-Ethyltoluene	7.088	105	444787	21.32 ug/l	99
80) 4-Chlorotoluene	7.154	91	237376	22.06 ug/l	93
81) n-Propylbenzene	7.022	91	451838	21.07 ug/l	94
82) Bromobenzene	6.986	77	239039	22.79 ug/l	88
83) 1,3,5-Trimethylbenzene	7.118	105	299593	20.65 ug/l	96
84) t-Butylbenzene	7.329	119	297047	21.46 ug/l	90
85) 1,2,4-Trimethylbenzene	7.353	105	326798	20.80 ug/l	85
86) sec-Butylbenzene	7.461	105	351249	21.04 ug/l	96
87) 4-Isopropyltoluene	7.539	119	289116	22.11 ug/l	93
88) n-Butylbenzene	7.798	91	304217	21.58 ug/l	91
89) p-Diethylbenzene	7.780	119	202296	21.56 ug/l	98
90) 1,2,4,5-Tetramethylben...	8.273	119	299273	23.77 ug/l	89
91) 1,2-Dibromo-3-Chloropr...	8.339	157	29252	16.60 ug/l	69
92) Hexachlorobutadiene	8.959	225	64035	25.07 ug/l	97
93) 1,2,4-Trichlorobenzene	8.869	180	143325	24.49 ug/l	97
94) 1,2,3-Trichlorobenzene	9.194	180	137331	23.77 ug/l	97
95) Naphthalene	9.043	128	302482	20.83 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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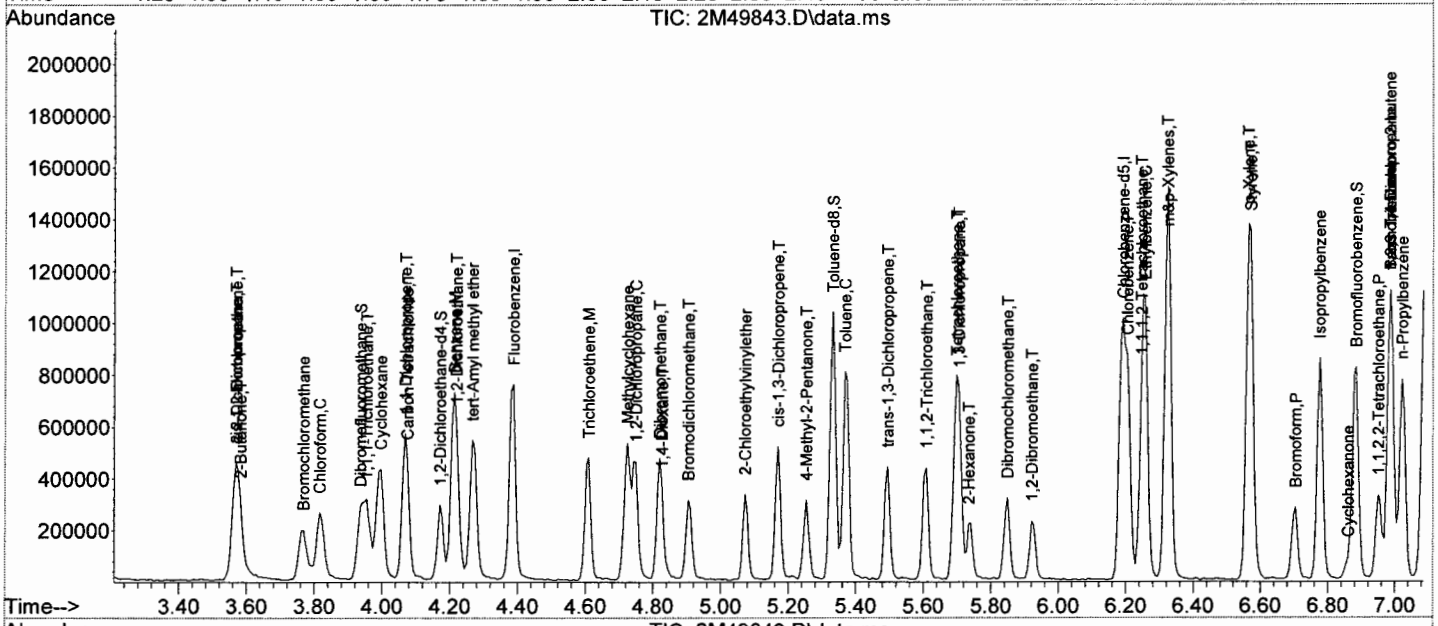
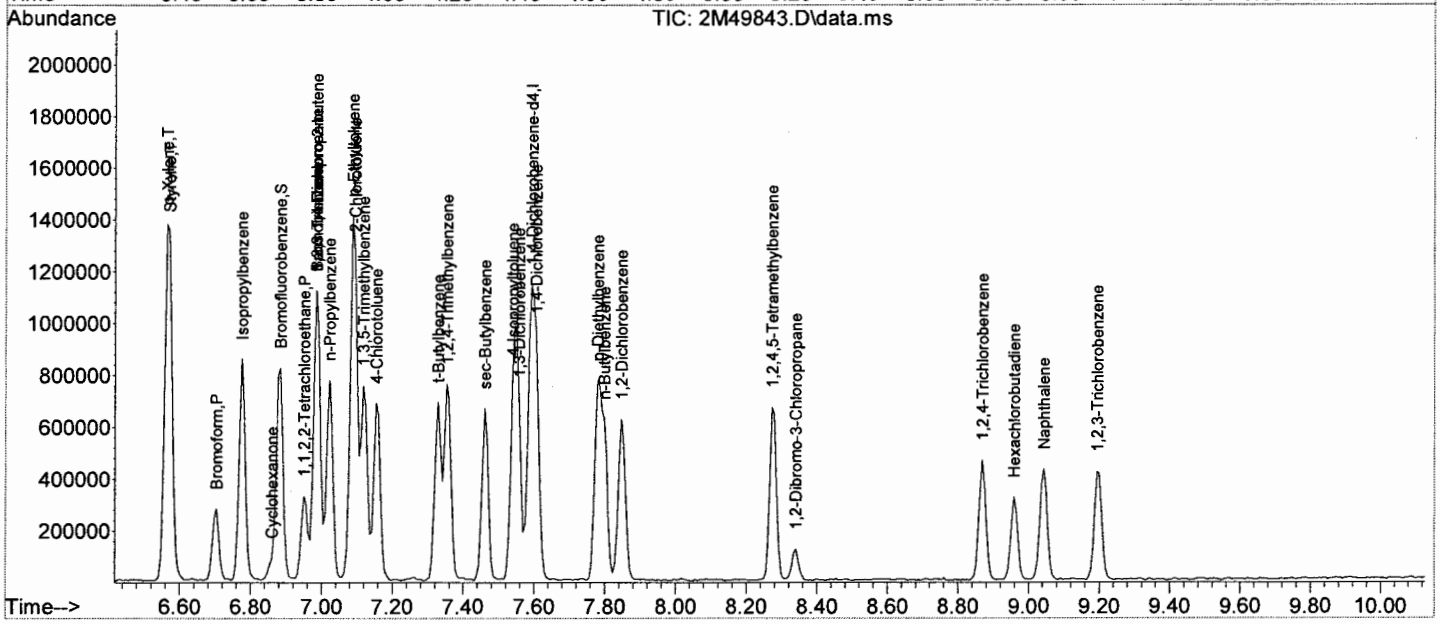
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 2M49843.D
Acq On : 03/ 8/10 09:15
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : a,5ml
Qt Meth : 2M_A0305.M
Qt On : 03708/10 09:34
Qt Upd On: 03/08/10 07:30
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
1,1,2-trifluoroethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M49843.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
Time-->


Abundance
TIC: 2M49843.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M49896.D **Instrument:** GCMS 2

Cont Calibration Date/Time 3/9/2010 6:50:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.39	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.26	21.43				0.590			
Dichlorodifluoromethane	1	0		1.24	20.11	20			0.236	0.238	0.55	
Chloromethane	1	0	CP	1.38	21.12	20	0.1		0.328	0.346	5.60	
Bromomethane	1	0		1.66	21.83	20			0.156	0.171	9.15	
Vinyl Chloride	1	0	CC	1.43	20.43	20	20		0.254	0.260	2.15	
Chloroethane	1	0		1.73	23.18	20			0.159	0.151	15.90	
Trichlorofluoromethane	1	0		1.89	21.65	20			0.345	0.373	8.25	
1.1.2-Trichloro-1.2.2-trifluoroetha	1	0		2.24	19.81	20			0.252	0.249	0.95	
Methylene Chloride	1	0		2.59	20.49	20			0.329	0.337	2.45	
Acrolein	1	0		2.17	86.95	100			0.058	0.053	13.05	
Acrylonitrile	1	0		2.77	17.34	20			0.131	0.114	13.30	
Iodomethane	1	0		2.36	19.27	20			0.524	0.505	3.65	
Acetone	1	0		2.28	55.97	100			0.117	0.091	44.03	
Carbon Disulfide	1	0		2.41	20.99	20			0.581	0.610	4.95	
t-Butyl Alcohol	1	0		2.66	76.14	100			0.036	0.027	23.86	
n-Hexane	1	0		2.98	21.33	20			0.294	0.314	6.65	
Di-isopropyl-ether	1	0		3.14	19.19	20			1.240	1.190	4.05	
1.1-Dichloroethene	1	0	CC	2.25	19.91	20	20		0.448	0.446	0.45	
Methyl Acetate	1	0		2.51	15.36	20			0.342	0.238	23.20	
Methyl-t-butyl ether	1	0		2.77	19.78	20			0.820	0.811	1.10	
1.1-Dichloroethane	1	0	CP	3.11	20.20	20	0.1		0.559	0.564	1.00	
trans-1.2-Dichloroethene	1	0		2.78	21.87	20			0.278	0.304	9.35	
cis-1.2-Dichloroethene	1	0		3.57	20.37	20			0.506	0.516	1.85	
Bromochloromethane	1	0		3.76	20.74	20			0.249	0.259	3.70	
2.2-Dichloropropane	1	0		3.57	26.97	20			0.316	0.426	34.85	
1.4-Dioxane	1	0		4.82	862.29	1000			0.004	0.004	13.77	
1.1-Dichloropropene	1	0		4.07	21.08	20			0.361	0.380	5.40	
Chloroform	1	0	CC	3.82	19.36	20	20		0.451	0.436	3.20	
Dibromofluoromethane	1	0	S	3.94	30.39	30			0.258	0.262	1.30	
Cyclohexane	1	0		3.99	19.84	20			0.461	0.458	0.80	
1.2-Dichloroethane-d4	1	0	S	4.18	28.55	30			0.066	0.063	4.83	
1.2-Dichloroethane	1	0		4.23	19.68	20			0.378	0.372	1.60	
2-Butanone	1	0		3.58	16.48	20			0.179	0.147	17.60	
1.1.1-Trichloroethane	1	0		3.95	19.90	20			0.351	0.349	0.50	
Carbon Tetrachloride	1	0		4.07	21.47	20			0.266	0.306	7.35	
Vinyl Acetate	1	0		3.14	18.26	20			1.221	1.114	8.70	
Bromodichloromethane	1	0		4.91	19.68	20			0.386	0.380	1.60	
Methylcyclohexane	1	0		4.72	20.22	20			0.377	0.381	1.10	
Dibromomethane	1	0		4.82	21.86	20			0.302	0.330	9.30	
1.2-Dichloropropane	1	0	CC	4.75	18.26	20	20		0.342	0.312	8.70	
Trichloroethene	1	0		4.61	22.04	20			0.335	0.369	10.20	
Benzene	1	0		4.21	20.34	20			1.070	1.088	1.70	
tert-Amyl methyl ether	1	0		4.27	19.66	20			0.798	0.784	1.70	
Chlorobenzene-d5	1	0	I	6.19	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		5.85	19.85	20			0.394	0.425	0.75	
2-Chloroethylvinylether	1	0		5.07	17.25	20			0.322	0.278	13.75	
cis-1.3-Dichloropropene	1	0		5.17	19.93	20			0.577	0.598	0.35	
trans-1.3-Dichloropropene	1	0		5.49	19.56	20			0.509	0.530	2.20	
1.1.2-Trichloroethane	1	0		5.61	19.57	20			0.347	0.340	2.15	
1.2-Dibromoethane	1	0		5.93	19.84	20			0.407	0.404	0.80	
1.3-Dichloropropane	1	0		5.71	19.92	20			0.588	0.586	0.40	
4-Methyl-2-Pentanone	1	0		5.25	13.69	20			0.522	0.384	31.55	
2-Hexanone	1	0		5.74	14.18	20			0.386	0.274	29.10	
Tetrachloroethene	1	0		5.70	22.39	20			0.369	0.413	11.95	
Toluene-d8	1	0	S	5.33	29.59	30			0.813	0.802	1.37	
Toluene	1	0	CC	5.37	21.14	20	20		0.853	0.902	5.70	
1.1.1.2-Tetrachloroethane	1	0		6.25	22.33	20			0.326	0.364	11.65	
Chlorobenzene	1	0	CP	6.20	21.74	20	0.3		1.021	1.110	8.70	
1.4-Dichlorobenzene-d4	1	0	I	7.59	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.70	15.05	20	0.1		0.559	0.571	24.75	
Ethylbenzene	1	0	CC	6.26	22.36	20	20		0.695	0.777	11.80	
1.1.2.2-Tetrachloroethane	1	0	CP	6.95	17.90	20	0.3		0.750	0.672	10.50	
Bromofluorobenzene	1	0	S	6.88	30.79	30			0.903	0.927	2.63	
Styrene	1	0		6.57	21.33	20			1.701	1.814	6.65	
m&p-Xylenes	1	0		6.32	40.90	40			1.002	1.024	2.25	
o-Xylene	1	0		6.57	20.89	20			0.987	1.031	4.45	
trans-1.4-Dichloro-2-butene	1	0		6.99	18.51	20			0.219	0.203	7.45	
1.3-Dichlorobenzene	1	0		7.56	22.53	20			1.301	1.465	12.65	
1.4-Dichlorobenzene	1	0		7.61	21.10	20			1.448	1.527	5.50	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL @ 20 PPB **Data File:** 2M49896.D **Instrument:** GCMS 2

Cont Calibration Date/Time 3/9/2010 6:50:00 A **Method:** EPA 8260B

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Dichlorobenzene	1	0		7.85	20.26	20			1.339	1.357	1.30	
Isopropylbenzene	1	0		6.78	21.02	20			2.380	2.502	5.10	
Cyclohexanone	1	0		6.86	61.96				0.035			
1.2.3-Trichloropropane	1	0		6.99	19.00	20			0.888	0.844	5.00	
2-Chlorotoluene	1	0		7.09	19.93	20			1.447	1.442	0.35	
p-Ethyltoluene	1	0		7.09	21.19				2.644			
4-Chlorotoluene	1	0		7.15	20.98	20			1.364	1.431	4.90	
n-Propylbenzene	1	0		7.02	19.86	20			2.718	2.699	0.70	
Bromobenzene	1	0		6.99	19.42	20			1.329	1.291	2.90	
1.3.5-Trimethylbenzene	1	0		7.12	19.79	20			1.838	1.820	1.05	
t-Butylbenzene	1	0		7.33	22.02	20			1.755	1.932	10.10	
1.2.4-Trimethylbenzene	1	0		7.36	20.33	20			1.991	2.024	1.65	
sec-Butylbenzene	1	0		7.46	20.67	20			2.116	2.186	3.35	
4-Isopropyltoluene	1	0		7.54	22.49	20			1.658	1.864	12.45	
n-Butylbenzene	1	0		7.80	21.25	20			1.787	1.898	6.25	
p-Diethylbenzene	1	0		7.78	21.44				1.189			
1.2.4.5-Tetramethylbenzene	1	0		8.27	23.61				1.734			
1.2-Dibromo-3-Chloropropane	1	0		8.34	13.82	20			0.184	0.154	30.90	
Hexachlorobutadiene	1	0		8.96	23.36	20			0.329	0.378	16.80	
1.2.4-Trichlorobenzene	1	0		8.87	21.57	20			0.742	0.800	7.85	
1.2.3-Trichlorobenzene	1	0		9.20	19.45	20			0.732	0.712	2.75	
Naphthalene	1	0		9.04	17.50	20			1.708	1.610	12.50	
1.2-Dioxane	1	100		0.00	0.00	2000				0.000	100.00	
Freon 113	1	100		0.00	0.00	20				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49896.D Sam Mult : 1 Vial# : 14 Qt On : 03/09/10 07:03
Acq On : 03/ 9/10 06:50 Misc : a,5ml Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.388	96	476565	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	392728	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	235941	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.937	111	124697	30.39	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.30%		
35) 1,2-Dichloroethane-d4	4.177	102	30060	28.55	ug/l	0.01
Spiked Amount 30.000			Recovery =	95.17%		
59) Toluene-d8	5.332	100	314860	29.59	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.63%		
67) Bromofluorobenzene	6.884	174	218665	30.79	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.63%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.259	51	164579	21.43	ug/l	57
6) Dichlorodifluoromethane	1.243	85	75550	20.11	ug/l	93
7) Chloromethane	1.376	50	110058	21.12	ug/l	100
8) Bromomethane	1.659	94	54243	21.83	ug/l	99
9) Vinyl Chloride	1.426	62	82480	20.43	ug/l	98
10) Chloroethane	1.725	64	48071	23.18	ug/l	91
11) Trichlorofluoromethane	1.892	101	118600	21.65	ug/l	96
12) 1,1,2-Trichloro-1,2,2-...	2.242	101	79261	19.81	ug/l	85
13) Methylene Chloride	2.587	84	107005	20.49	ug/l	83
14) Acrolein	2.173	56	83909	86.95	ug/l	100
15) Acrylonitrile	2.775	53	36096	17.34	ug/l	90
16) Iodomethane	2.361	142	160340	19.27	ug/l	95
17) Acetone	2.282	43	143912	55.97	ug/l	89
18) Carbon Disulfide	2.410	76	193806	20.99	ug/l	100
19) t-Butyl Alcohol	2.656	59	43518	76.14	ug/l	100
20) n-Hexane	2.982	57	99704	21.33	ug/l	83
21) Di-isopropyl-ether	3.139	45	378054	19.19	ug/l	94
22) 1,1-Dichloroethene	2.252	61	141828	19.91	ug/l	81
23) Methyl Acetate	2.508	43	75607	15.36	ug/l	100
24) Methyl-t-butyl ether	2.775	73	257716	19.78	ug/l	96
25) 1,1-Dichloroethane	3.110	63	179175	20.20	ug/l	100
26) trans-1,2-Dichloroethene	2.784	96	96623	21.87	ug/l	72
27) cis-1,2-Dichloroethene	3.570	61	163794	20.37	ug/l	83
28) Bromochloromethane	3.762	49	82162	20.74	ug/l	92
29) 2,2-Dichloropropane	3.570	77	135471	26.97	ug/l	93
30) 1,4-Dioxane	4.821	88	56413	862.29	ug/l	98
31) 1,1-Dichloropropene	4.069	75	120829	21.08	ug/l	94
32) Chloroform	3.816	83	138647	19.36	ug/l	93
34) Cyclohexane	3.991	56	145380	19.84	ug/l	99
36) 1,2-Dichloroethane	4.225	62	118096	19.68	ug/l	99
37) 2-Butanone	3.576	43	46752	16.48	ug/l	82
38) 1,1,1-Trichloroethane	3.955	97	110854	19.90	ug/l	97
39) Carbon Tetrachloride	4.069	117	97178	21.47	ug/l	90
40) Vinyl Acetate	3.139	43	354040	18.26	ug/l	100
41) Bromodichloromethane	4.905	83	120692	19.68	ug/l	96
42) Methylcyclohexane	4.725	83	120988	20.22	ug/l	97
43) Dibromomethane	4.821	174	104971	21.86	ug/l	94
44) 1,2-Dichloropropane	4.749	63	99115	18.26	ug/l	94
45) Trichloroethene	4.610	130	117195	22.04	ug/l	80
46) Benzene	4.213	78	345773	20.34	ug/l	100
47) tert-Amyl methyl ether	4.267	73	249138	19.66	ug/l	83
49) Dibromochloromethane	5.849	129	111173	19.85	ug/l	100
50) 2-Chloroethylvinylether	5.073	63	72738	17.25	ug/l	95
51) cis-1,3-Dichloropropene	5.170	75	156520	19.93	ug/l	90
52) trans-1,3-Dichloropropene	5.495	75	138745	19.56	ug/l	98
53) 1,1,2-Trichloroethane	5.609	97	88946	19.57	ug/l	89
54) 1,2-Dibromoethane	5.928	107	105849	19.84	ug/l	95
55) 1,3-Dichloropropane	5.705	76	153426	19.92	ug/l	90
56) 4-Methyl-2-Pentanone	5.254	43	100588	13.69	ug/l	93
57) 2-Hexanone	5.735	43	71717	14.18	ug/l	86
58) Tetrachloroethene	5.699	164	108051	22.39	ug/l	98
60) Toluene	5.374	92	236066	21.14	ug/l	91
61) 1,1,1,2-Tetrachloroethane	6.246	133	95182	22.33	ug/l	93
62) Chlorobenzene	6.204	112	290538	21.74	ug/l	100
64) Bromoform	6.704	173	89805	15.05	ug/l	95
65) Ethylbenzene	6.259	106	122180	22.36	ug/l	87
66) 1,1,2,2-Tetrachloroethane	6.950	83	105650	17.90	ug/l	90
68) Styrene	6.571	104	285339	21.33	ug/l	82
69) m&p-Xylenes	6.325	106	322192	40.90	ug/l	80

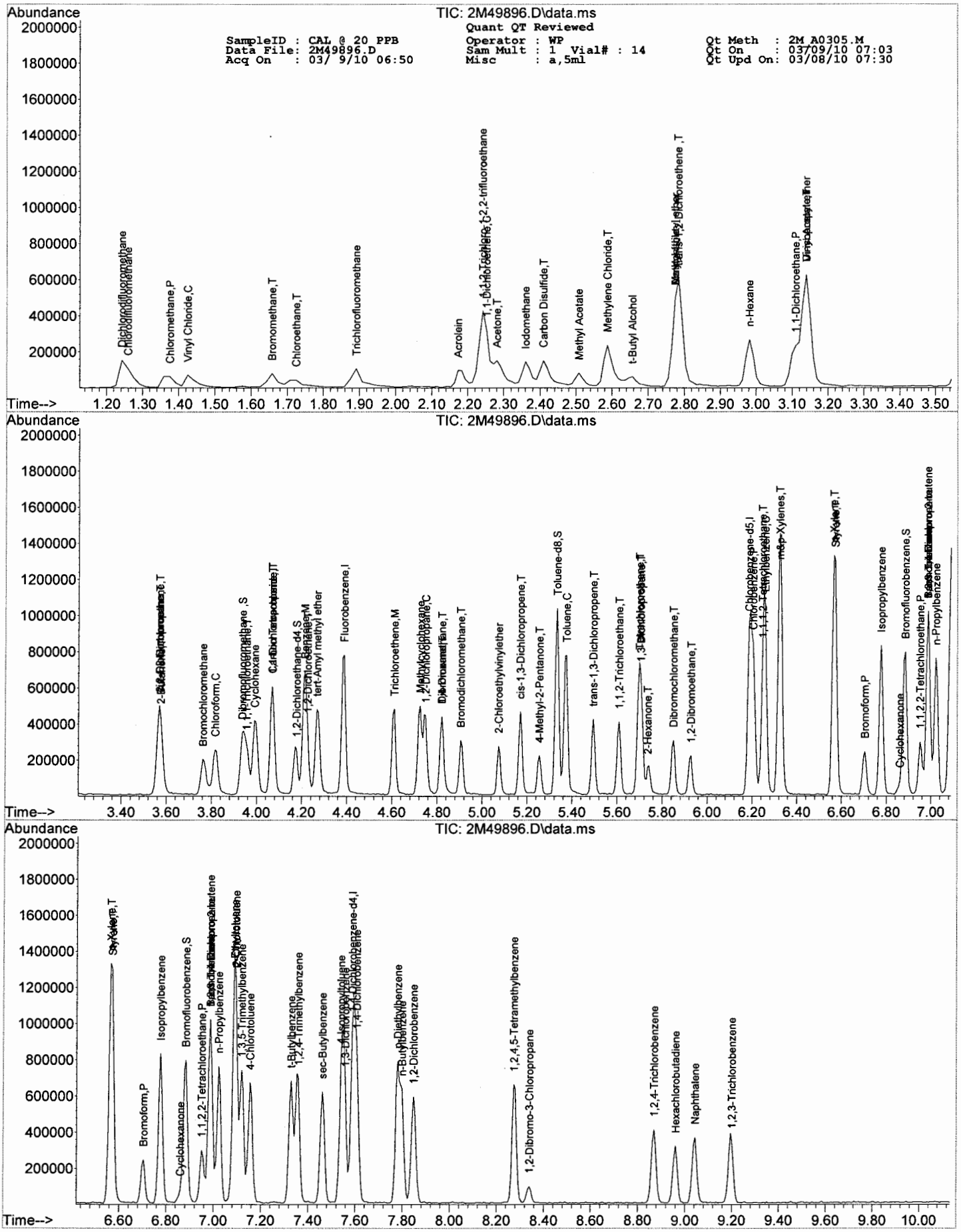
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49896.D Sam Mult : 1 Vial# : 14 Qt On : 03/09/10 07:03
Acq On : 03/ 9/10 06:50 Misc : a,5ml Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.565	106	162224	20.89	ug/l	91
71) trans-1,4-Dichloro-2-b...	6.986	53	31891	18.51	ug/l	88
72) 1,3-Dichlorobenzene	7.558	146	230460	22.53	ug/l	93
73) 1,4-Dichlorobenzene	7.606	146	240225	21.10	ug/l	96
74) 1,2-Dichlorobenzene	7.847	146	213403	20.26	ug/l	92
75) Isopropylbenzene	6.776	105	393507	21.02	ug/l	95
76) Cyclohexanone	6.860	55	16532	61.96	ug/l	93
77) 1,2,3-Trichloropropane	6.986	75	132708	19.00	ug/l	98
78) 2-Chlorotoluene	7.095	91	226834	19.93	ug/l	93
79) p-Ethyltoluene	7.089	105	440688	21.19	ug/l	98
80) 4-Chlorotoluene	7.155	91	225029	20.98	ug/l	92
81) n-Propylbenzene	7.022	91	424528	19.86	ug/l	88
82) Bromobenzene	6.986	77	203024	19.42	ug/l	77
83) 1,3,5-Trimethylbenzene	7.119	105	286207	19.79	ug/l	91
84) t-Butylbenzene	7.329	119	303865	22.02	ug/l	88
85) 1,2,4-Trimethylbenzene	7.359	105	318374	20.33	ug/l	85
86) sec-Butylbenzene	7.462	105	343860	20.67	ug/l	96
87) 4-Isopropyltoluene	7.540	119	293175	22.49	ug/l	94
88) n-Butylbenzene	7.798	91	298610	21.25	ug/l	89
89) p-Diethylbenzene	7.780	119	200512	21.44	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.274	119	296351	23.61	ug/l	94
91) 1,2-Dibromo-3-Chloropr...	8.340	157	24266	13.82	ug/l	80
92) Hexachlorobutadiene	8.959	225	59480	23.36	ug/l	99
93) 1,2,4-Trichlorobenzene	8.869	180	125790	21.57	ug/l	98
94) 1,2,3-Trichlorobenzene	9.200	180	112002	19.45	ug/l	95
95) Naphthalene	9.044	128	253283	17.50	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49896.D\data.ms
Quant QT Reviewed
SampleID : CAL @ 20 PPB
Data File: 2M49896.D
Acq On : 03/ 9/10 06:50
Operator : WP
Sam Mult : 1 Vial# : 14
Misc : a,5ml
Qt Meth : 2M_A0305.M
Qt On : 03/09/10 07:03
Qt Upd On: 03/08/10 07:30
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M49896.D\data.ms
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
Time-->

Abundance
TIC: 2M49896.D\data.ms
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M54441.D
Analysis Date: 02/23/10 10:38
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.472 to 4.502 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.8	6923	PASS
75	95	30	60	48.6	15449	PASS
95	95	100	100	100.0	31811	PASS
96	95	5	9	8.2	2617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	24984	PASS
175	174	5	9	7.5	1873	PASS
176	174	95	101	97.5	24370	PASS
177	176	5	9	7.2	1744	PASS

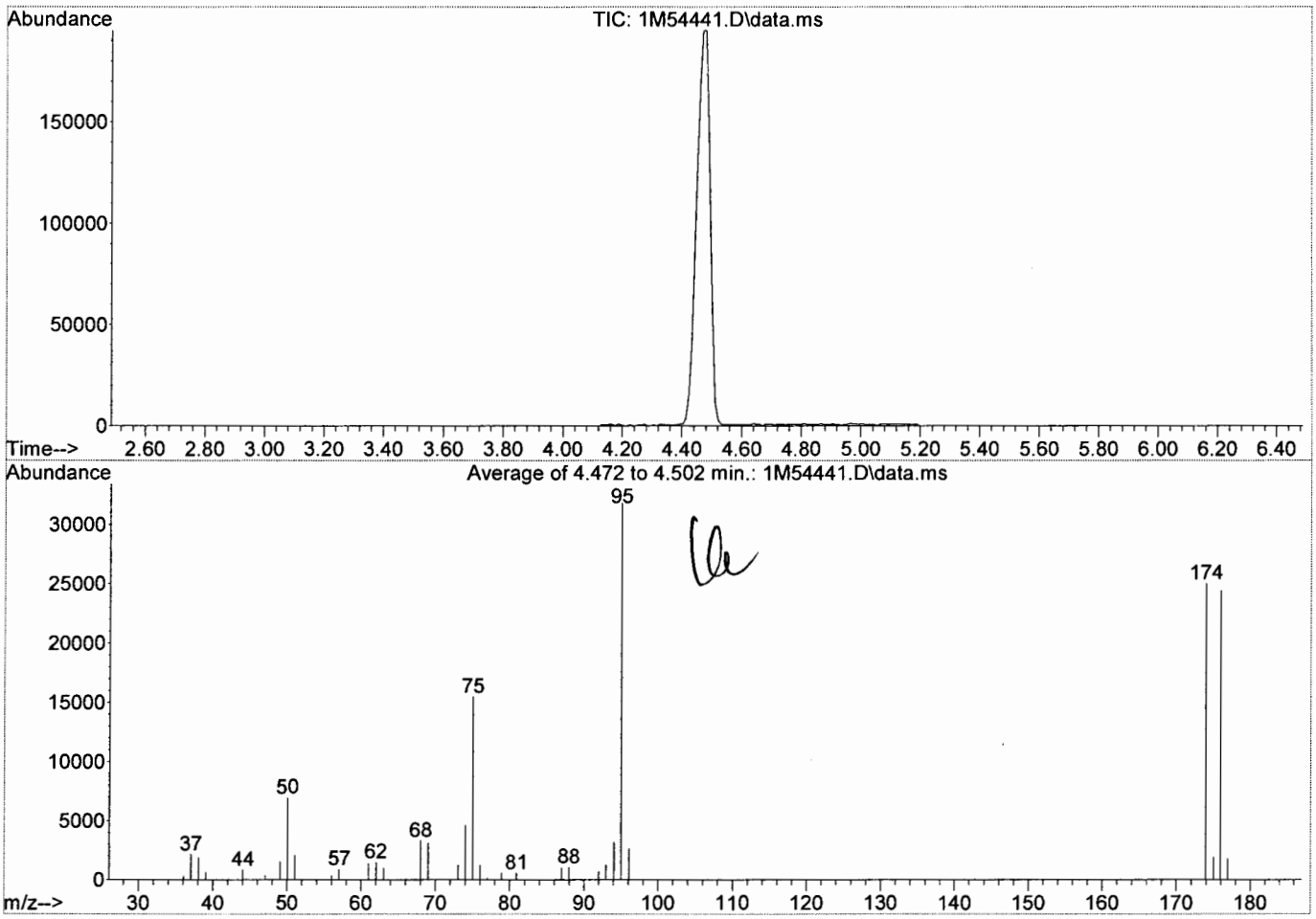
Data File	Sample Number	Analysis Date:
1M54442.D	50 PPB	02/23/10 10:47
1M54443.D	BLK	02/23/10 11:04
1M54444.D	CAL @ 500 PPB	02/23/10 11:20
1M54445.D	CAL @ 250 PPB	02/23/10 11:36
1M54446.D	CAL @ 100 PPB	02/23/10 11:52
1M54447.D	CAL @ 50 PPB	02/23/10 12:08
1M54448.D	CAL @ 20 PPB	02/23/10 12:24
1M54449.D	CAL @ 10 PPB	02/23/10 12:41
1M54450.D	CAL @ 5 PPB	02/23/10 12:57
1M54451.D	BLK	02/23/10 13:13
1M54452.D	CAL @ 0.5 PPB	02/23/10 13:29
1M54453.D	CAL @ 1 PPB	02/23/10 13:45
1M54454.D	ICV	02/23/10 14:09
1M54455.D	STD	02/23/10 14:25
1M54456.D	BLK	02/23/10 14:41
1M54457.D	DAILY BLANK	02/23/10 14:57
1M54458.D	BLK	02/23/10 15:13
1M54459.D	MBS15066	02/23/10 15:29
1M54460.D	AC49929-002(MS)	02/23/10 15:46
1M54461.D	AC49929-002(MSD	02/23/10 16:02
1M54462.D	BLK	02/23/10 16:18
1M54463.D	AC49962-001	02/23/10 16:36
1M54464.D	AC49962-002	02/23/10 16:52
1M54465.D	AC49962-003	02/23/10 17:08
1M54466.D	AC49962-004	02/23/10 17:24
1M54467.D	AC49962-005	02/23/10 17:41
1M54468.D	AC49962-006	02/23/10 17:57
1M54469.D	AC49962-007	02/23/10 18:13
1M54470.D	AC49961-001	02/23/10 18:29
1M54471.D	AC49961-002	02/23/10 18:45
1M54472.D	AC49961-003	02/23/10 19:01
1M54473.D	AC49961-004	02/23/10 19:17
1M54474.D	BLK	02/23/10 19:33
1M54475.D	BLK	02/23/10 19:49

CLPBFB

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-23-10\
Data File : 1M54441.D
Acq On : 23 Feb 2010 10:38
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 32 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0212.M
Title : @GCMS_1,ug,624,8260
Last Update : Fri Feb 12 12:21:36 2010



Spectrum Information: Average of 4.472 to 4.502 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.8	6923	PASS
75	95	30	60	48.6	15449	PASS
95	95	100	100	100.0	31811	PASS
96	95	5	9	8.2	2617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	24984	PASS
175	174	5	9	7.5	1873	PASS
176	174	95	101	97.5	24370	PASS
177	176	5	9	7.2	1744	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M54681.D
Analysis Date: 03/03/10 06:34
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.437 to 4.477 min

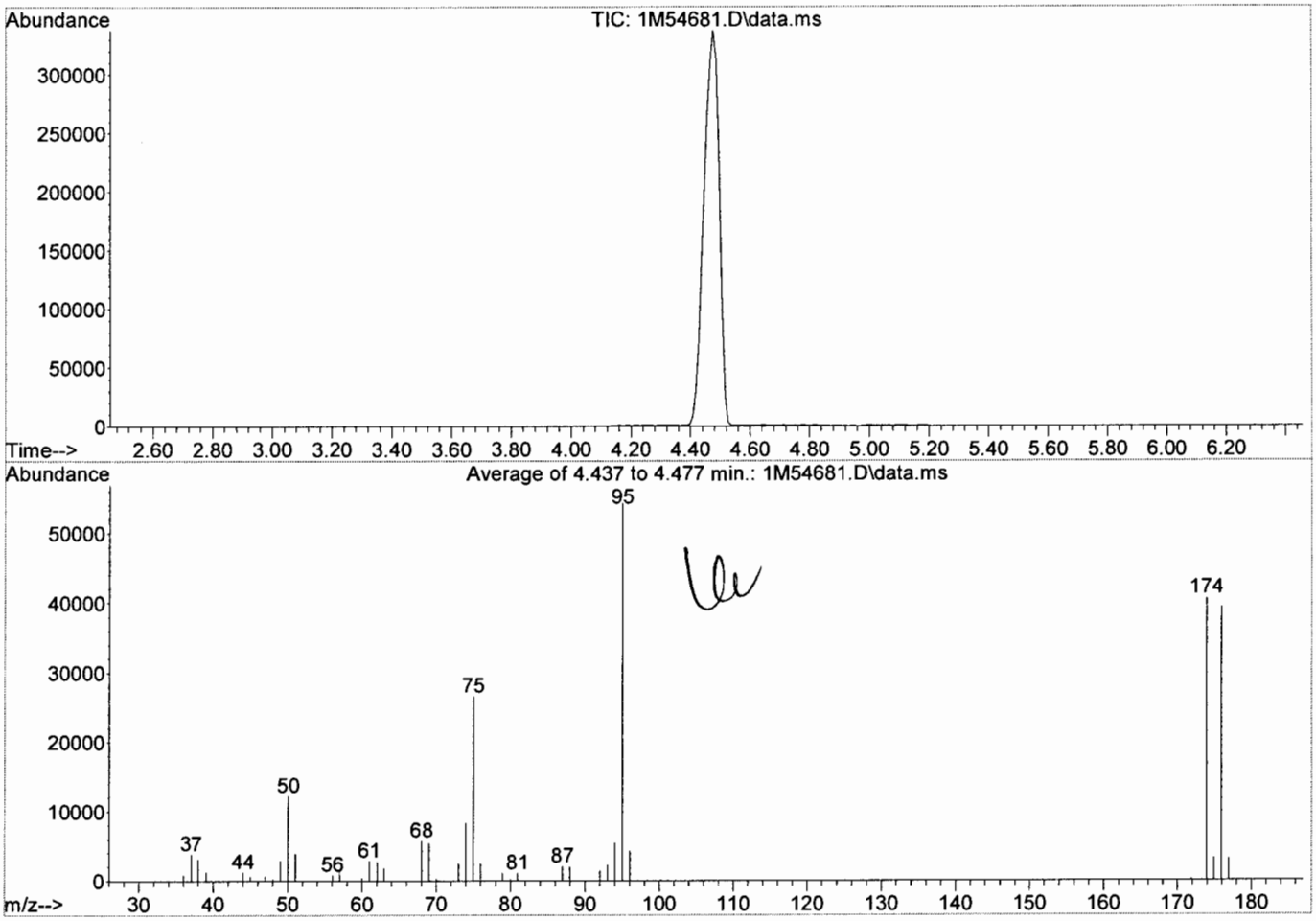
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.6	12236	PASS
75	95	30	60	49.0	26583	PASS
95	95	100	100	100.0	54245	PASS
96	95	5	9	7.9	4286	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.7	40546	PASS
175	174	5	9	7.9	3194	PASS
176	174	95	101	96.9	39309	PASS
177	176	5	9	7.8	3062	PASS

Data File	Sample Number	Analysis Date:
1M54682.D	CAL @ 50 PPB	03/03/10 06:53
1M54683.D	BLK	03/03/10 07:15
1M54684.D	DAILY BLANK	03/03/10 07:31
1M54685.D	BLK	03/03/10 07:48
1M54686.D	AC50059-001	03/03/10 08:04
1M54687.D	AC50074-001	03/03/10 08:20
1M54688.D	MBS15159	03/03/10 08:36
1M54689.D	AC50059-001(MS)	03/03/10 08:52
1M54690.D	AC50059-001(MSD	03/03/10 09:08
1M54691.D	AC50074-001(5X)	03/03/10 09:25
1M54692.D	BLK	03/03/10 09:41
1M54693.D	AC50076-003	03/03/10 09:57
1M54694.D	AC50076-002	03/03/10 10:13
1M54695.D	AC50076-001	03/03/10 10:29
1M54696.D	AC50059-001(MS)	03/03/10 10:45
1M54697.D	BLK	03/03/10 11:01
1M54698.D	AC50077-001	03/03/10 11:17
1M54699.D	AC50077-002	03/03/10 11:34
1M54700.D	AC50077-003	03/03/10 11:50
1M54701.D	AC50077-004	03/03/10 12:06
1M54702.D	AC50077-005	03/03/10 12:22
1M54703.D	AC50077-006	03/03/10 12:38
1M54704.D	AC50077-007	03/03/10 12:55
1M54705.D	AC50077-008	03/03/10 13:11
1M54706.D	BLK	03/03/10 13:30
1M54707.D	AC50077-005	03/03/10 13:46
1M54708.D	AC50085-004(5X)	03/03/10 14:02
1M54709.D	BLK	03/03/10 14:19
1M54710.D	BLK	03/03/10 14:42
1M54711.D	BLK	03/03/10 15:28
1M54712.D	AC50074-001	03/03/10 15:44
1M54713.D	BLK	03/03/10 16:00
1M54714.D	AC50085-004	03/03/10 16:16
1M54715.D	BLK	03/03/10 16:32
1M54716.D	BLK	03/03/10 16:48
1M54717.D	BLK	03/03/10 17:04

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Data File : 1M54681.D
Acq On : 3 Mar 2010 6:34
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 19 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260
Last Update : Tue Feb 23 14:05:53 2010



Spectrum Information: Average of 4.437 to 4.477 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	12236	PASS
75	95	30	60	49.0	26583	PASS
95	95	100	100	100.0	54245	PASS
96	95	5	9	7.9	4286	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.7	40546	PASS
175	174	5	9	7.9	3194	PASS
176	174	95	101	96.9	39309	PASS
177	176	5	9	7.8	3062	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 2M49799.D
Instrument: GCMS 2 **Analysis Date:** 03/05/10 17:06
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.198 to 4.217 min

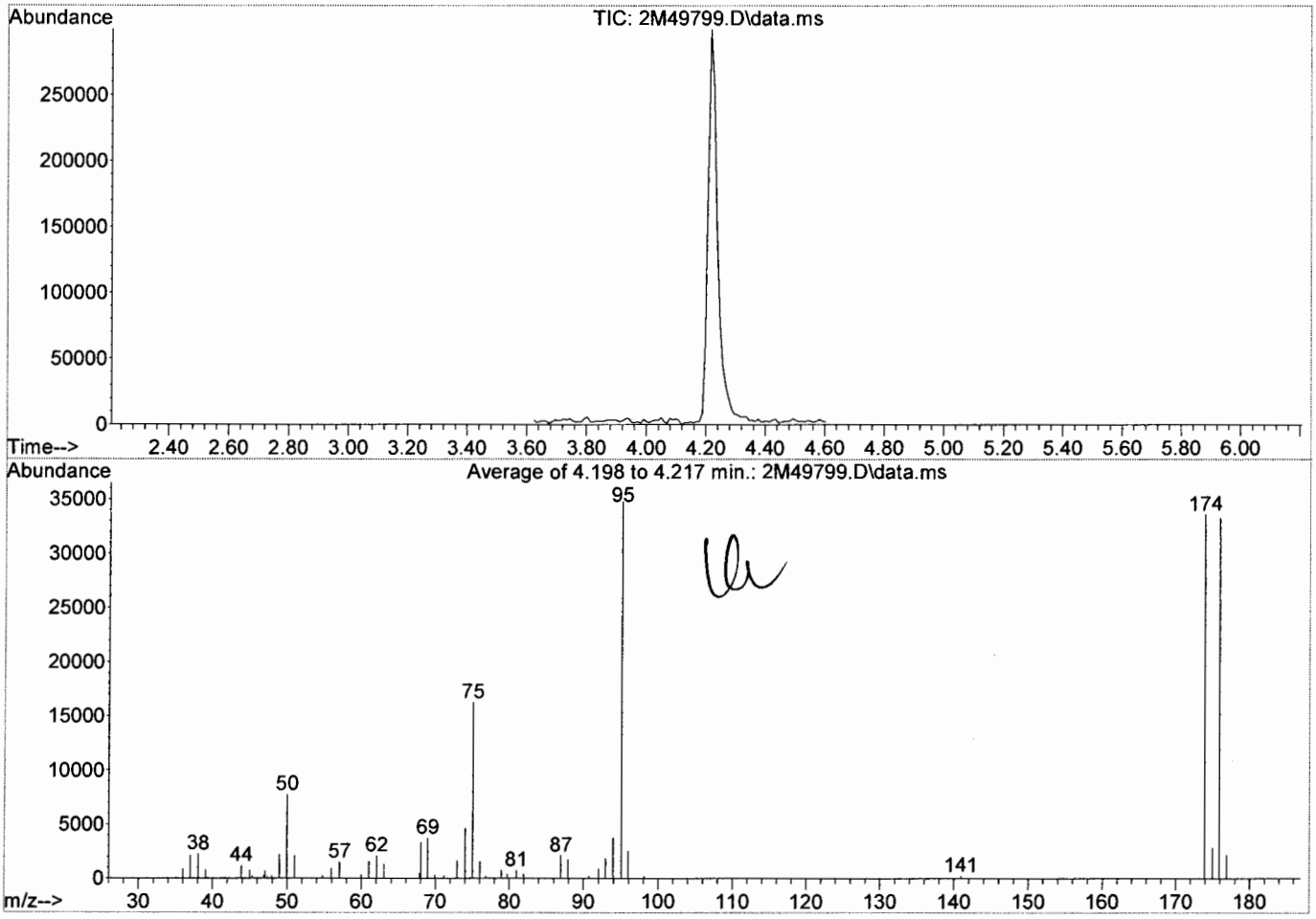
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.3	7752	PASS
75	95	30	60	46.8	16276	PASS
95	95	100	100	100.0	34766	PASS
96	95	5	9	7.2	2512	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.6	33599	PASS
175	174	5	9	8.4	2811	PASS
176	174	95	101	99.0	33273	PASS
177	176	5	9	6.5	2175	PASS

Data File	Sample Number	Analysis Date:
2M49800.D	CAL @ 1 PPB	03/05/10 17:22
2M49801.D	CAL @ 0.5 PPB	03/05/10 17:41
2M49802.D	CAL @ 5 PPB	03/05/10 18:00
2M49803.D	CAL @ 500 PPB	03/05/10 18:16
2M49804.D	CAL @ 250 PPB	03/05/10 18:32
2M49805.D	CAL @ 100 PPB	03/05/10 18:48
2M49806.D	CAL @ 50 PPB	03/05/10 19:04
2M49807.D	CAL @ 20 PPB	03/05/10 19:20
2M49808.D	CAL @ 10 PPB	03/05/10 19:36
2M49809.D	STDTEST	03/05/10 19:52
2M49810.D	STDTEST	03/05/10 20:08
2M49811.D	ICV	03/05/10 20:24
2M49812.D	BLK	03/05/10 20:40
2M49813.D	DAILY BLANK	03/05/10 20:57
2M49814.D	DAILY BLANK	03/05/10 21:13
2M49815.D	MBS15198	03/05/10 21:29
2M49816.D	MBS15199	03/05/10 21:45
2M49817.D	MBS15200	03/05/10 22:00
2M49818.D	BLK	03/05/10 22:17
2M49819.D	AC50150-001	03/05/10 22:33
2M49820.D	AC50133-001	03/05/10 22:48
2M49821.D	AC50133-002	03/05/10 23:04
2M49822.D	AC50133-003	03/05/10 23:20
2M49823.D	BLK	03/05/10 23:36
2M49824.D	AC50081-002	03/05/10 23:52
2M49825.D	AC50081-001	03/06/10 00:08
2M49826.D	AC50095-005(80uL	03/06/10 00:24
2M49827.D	AC50095-004(80uL	03/06/10 00:40
2M49828.D	AC50095-001(80uL	03/06/10 00:58
2M49829.D	AC50095-002(80uL	03/06/10 01:19
2M49830.D	AC50095-003	03/06/10 01:37
2M49831.D	BLK	03/08/10 06:24
2M49832.D	BLK	03/08/10 06:40
2M49833.D	50117-016	03/08/10 06:57
2M49834.D	50117-017	03/08/10 07:13
2M49835.D	50117-018	03/08/10 07:28
2M49836.D	50117-019	03/08/10 07:44

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Data File : 2M49799.D
Acq On : 5 Mar 2010 17:06
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 19 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0205.M
Title : @GCMS_2,ug,624,8260
Last Update : Mon Feb 08 09:58:29 2010



Spectrum Information: Average of 4.198 to 4.217 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	7752	PASS
75	95	30	60	46.8	16276	PASS
95	95	100	100	100.0	34766	PASS
96	95	5	9	7.2	2512	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	96.6	33599	PASS
175	174	5	9	8.4	2811	PASS
176	174	95	101	99.0	33273	PASS
177	176	5	9	6.5	2175	PASS

Form 5

Tune Name: BFB TUNE
Instrument: GCMS 1
Data File: 1M54817.D
Analysis Date: 03/08/10 06:41
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.434 to 4.464 min

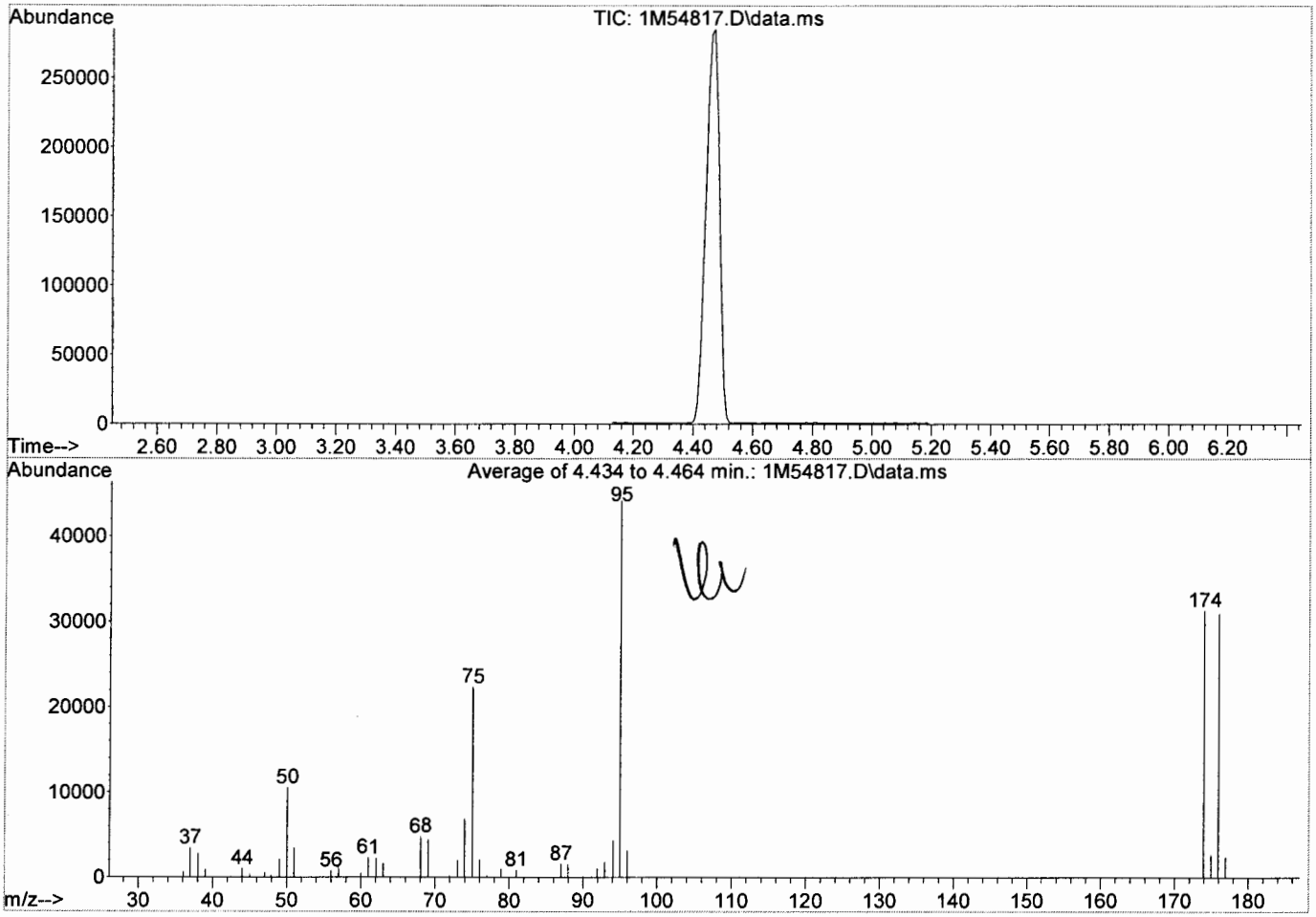
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	23.8	10516	PASS
75	95	30	60	50.6	22335	PASS
95	95	100	100	100.0	44116	PASS
96	95	5	9	7.2	3162	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.9	31274	PASS
175	174	5	9	8.3	2599	PASS
176	174	95	101	98.8	30908	PASS
177	176	5	9	7.5	2331	PASS

Data File	Sample Number	Analysis Date:
1M54818.D	CAL @ 50 PPB	03/08/10 06:51
1M54819.D	BLK	03/08/10 07:48
1M54820.D	BLK	03/08/10 08:04
1M54821.D	DAILY BLANK	03/08/10 08:26
1M54822.D	MBS15203	03/08/10 08:42
1M54823.D	BLK	03/08/10 08:58
1M54824.D	AC50089-015	03/08/10 09:14
1M54825.D	AC50089-009	03/08/10 09:30
1M54826.D	AC50112-001	03/08/10 09:46
1M54827.D	AC50109-001	03/08/10 10:03
1M54828.D	AC50089-020	03/08/10 10:19
1M54829.D	AC50089-021	03/08/10 10:35
1M54830.D	AC50089-024	03/08/10 10:51
1M54831.D	AC50089-019	03/08/10 11:07
1M54832.D	AC50089-022	03/08/10 11:23
1M54833.D	AC50089-023	03/08/10 11:40
1M54834.D	BLK	03/08/10 11:56
1M54835.D	AC50141-004	03/08/10 12:12
1M54836.D	AC50106-001	03/08/10 12:28
1M54837.D	BLK	03/08/10 12:44
1M54838.D	AC50141-003	03/08/10 13:00
1M54839.D	AC50102-001	03/08/10 13:17
1M54840.D	AC50108-001	03/08/10 13:33
1M54841.D	AC50108-002	03/08/10 13:49
1M54842.D	AC50108-004	03/08/10 14:05
1M54843.D	AC50108-003(5X)	03/08/10 14:21
1M54844.D	BLK	03/08/10 14:37
1M54845.D	AC50162-005	03/08/10 14:53
1M54846.D	AC50187-001(5X)	03/08/10 15:10
1M54847.D	AC50162-005(MS)	03/08/10 15:26
1M54848.D	AC50162-005(MSD	03/08/10 15:42
1M54849.D	BLK	03/08/10 15:58
1M54850.D	BLK	03/08/10 16:14
1M54851.D	MBS15209	03/08/10 16:30
1M54852.D	AC50162-001	03/08/10 16:46
1M54853.D	AC50117-021	03/08/10 17:02
1M54854.D	AC50117-022	03/08/10 17:18
1M54855.D	AC50117-023	03/08/10 17:35
1M54856.D	AC50117-024	03/08/10 17:51
1M54857.D	AC50117-025	03/08/10 18:07
1M54858.D	AC50117-031	03/08/10 18:23
1M54859.D	AC50117-034	03/08/10 18:39
1M54860.D	BLK	03/08/10 18:55
1M54861.D	BLK	03/08/10 19:11
1M54862.D	BLK	03/08/10 19:27
1M54863.D	BLK	03/08/10 19:43
1M54864.D	BLK	03/08/10 19:59
1M54865.D	BLK	03/08/10 20:15
1M54866.D	BLK	03/08/10 20:32
1M54867.D	BLK	03/08/10 20:48
1M54868.D	BLK(5ML)OUT	03/08/10 21:04
1M54869.D	BLK(5ML)F	03/08/10 21:20

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54817.D
Acq On : 8 Mar 2010 6:41
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 34 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260
Last Update : Tue Feb 23 14:05:53 2010



Spectrum Information: Average of 4.434 to 4.464 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.8	10516	PASS
75	95	30	60	50.6	22335	PASS
95	95	100	100	100.0	44116	PASS
96	95	5	9	7.2	3162	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.9	31274	PASS
175	174	5	9	8.3	2599	PASS
176	174	95	101	98.8	30908	PASS
177	176	5	9	7.5	2331	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 2M49842.D
Instrument: GCMS 2 **Analysis Date:** 03/08/10 09:05
Method: EPA 8260B

Tune Scan/Time Range: Average of 4.094 to 4.113 min

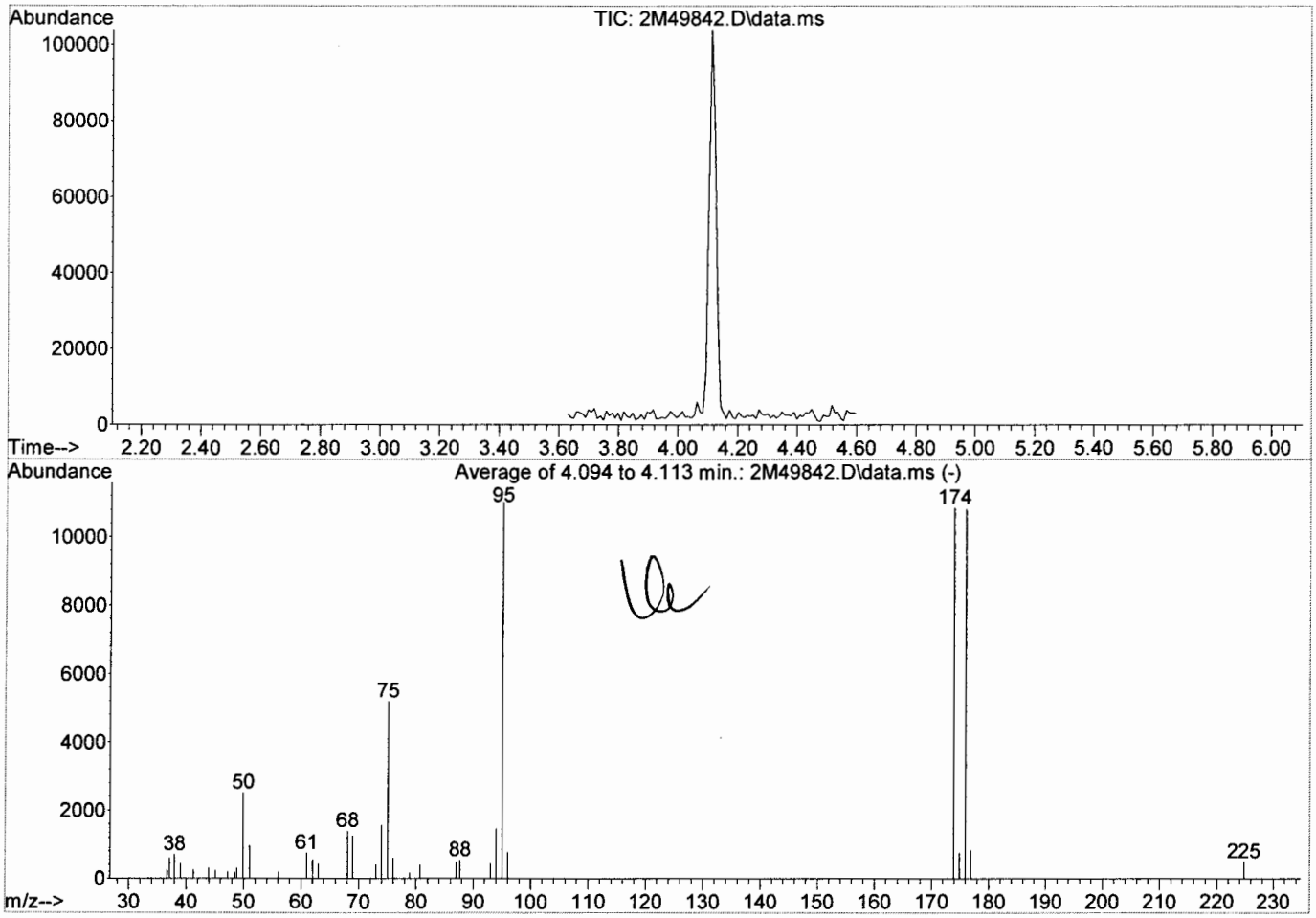
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	22.8	2512	PASS
75	95	30	60	47.1	5188	PASS
95	95	100	100	100.0	11024	PASS
96	95	5	9	6.9	756	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.3	10839	PASS
175	174	5	9	7.0	755	PASS
176	174	95	101	99.8	10817	PASS
177	176	5	9	7.6	825	PASS

Data File	Sample Number	Analysis Date:
2M49843.D	CAL @ 20 PPB	03/08/10 09:15
2M49844.D	BLK	03/08/10 09:53
2M49845.D	DAILY BLANK	03/08/10 10:09
2M49846.D	DAILY BLANK	03/08/10 10:26
2M49847.D	AC50150-001(400u	03/08/10 10:42
2M49848.D	AC50108-005	03/08/10 10:58
2M49849.D	AC50117-019	03/08/10 11:13
2M49850.D	AC50093-001(4uL)	03/08/10 11:30
2M49851.D	MBS15206	03/08/10 11:46
2M49852.D	MBS15207	03/08/10 12:03
2M49853.D	AC50117-028	03/08/10 12:19
2M49854.D	AC50183-001(80uL	03/08/10 12:36
2M49855.D	AC50117-030	03/08/10 12:53
2M49856.D	AC50117-031	03/08/10 13:09
2M49857.D	AC50117-032	03/08/10 13:26
2M49858.D	AC50117-033	03/08/10 13:42
2M49859.D	AC50117-034	03/08/10 13:58
2M49860.D	AC50117-035	03/08/10 14:15
2M49861.D	AC50117-036	03/08/10 14:30
2M49862.D	AC50093-001(80uL	03/08/10 14:47
2M49863.D	AC50117-038	03/08/10 15:03
2M49864.D	50150-001(80uL)	03/08/10 15:28
2M49865.D	BLK	03/08/10 15:46
2M49866.D	AC50093-001(80uL	03/08/10 16:02
2M49867.D	AC50117-042	03/08/10 16:18
2M49868.D	AC50117-043	03/08/10 16:36
2M49869.D	AC50117-044	03/08/10 16:52
2M49870.D	AC50117-045	03/08/10 17:09
2M49871.D	AC50117-037	03/08/10 17:25
2M49872.D	AC50117-046	03/08/10 17:41
2M49873.D	AC50133-003(MS)	03/08/10 17:57
2M49874.D	AC50133-003(MSD	03/08/10 18:13
2M49875.D	AC50117-029	03/08/10 18:29
2M49876.D	BLK	03/08/10 18:46
2M49877.D	AC50143-008	03/08/10 19:02
2M49878.D	AC50143-007	03/08/10 19:18
2M49879.D	AC50143-006	03/08/10 19:34
2M49880.D	AC50143-005	03/08/10 19:50
2M49881.D	AC50143-004	03/08/10 20:06
2M49882.D	AC50143-003	03/08/10 20:22
2M49883.D	AC50143-002	03/08/10 20:38
2M49884.D	AC50143-001	03/08/10 20:54
2M49885.D	BLK	03/08/10 21:10
2M49886.D	AC50166-004	03/08/10 21:26
2M49887.D	AC50152-010	03/08/10 21:42
2M49888.D	AC50152-001	03/08/10 21:58
2M49889.D	AC50152-002(MS:	03/08/10 22:14
2M49890.D	AC50152-003(MSD	03/08/10 22:30
2M49891.D	AC50152-004	03/08/10 22:46
2M49892.D	AC50152-005	03/08/10 23:02
2M49893.D	AC50152-006	03/08/10 23:18

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Data File : 2M49842.D
Acq On : 8 Mar 2010 9:05
Operator : WP
Sample : BFB TUNE
Misc : A,5ML
ALS Vial : 15 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260
Last Update : Mon Mar 08 07:13:56 2010



Spectrum Information: Average of 4.094 to 4.113 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	2512	PASS
75	95	30	60	47.1	5188	PASS
95	95	100	100	100.0	11024	PASS
96	95	5	9	6.9	756	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	98.3	10839	PASS
175	174	5	9	7.0	755	PASS
176	174	95	101	99.8	10817	PASS
177	176	5	9	7.6	825	PASS

Form 5

Tune Name: BFB TUNE **Data File:** 2M49894.D
Instrument: GCMS 2 **Analysis Date:** 03/09/10 06:30
Method: EPA 8260B
Tune Scan/Time Range: Average of 4.197 to 4.216 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	20.2	5761	PASS
75	95	30	60	53.3	15176	PASS
95	95	100	100	100.0	28453	PASS
96	95	5	9	8.7	2478	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	97.7	27802	PASS
175	174	5	9	7.2	1994	PASS
176	174	95	101	99.8	27733	PASS
177	176	5	9	7.4	2052	PASS

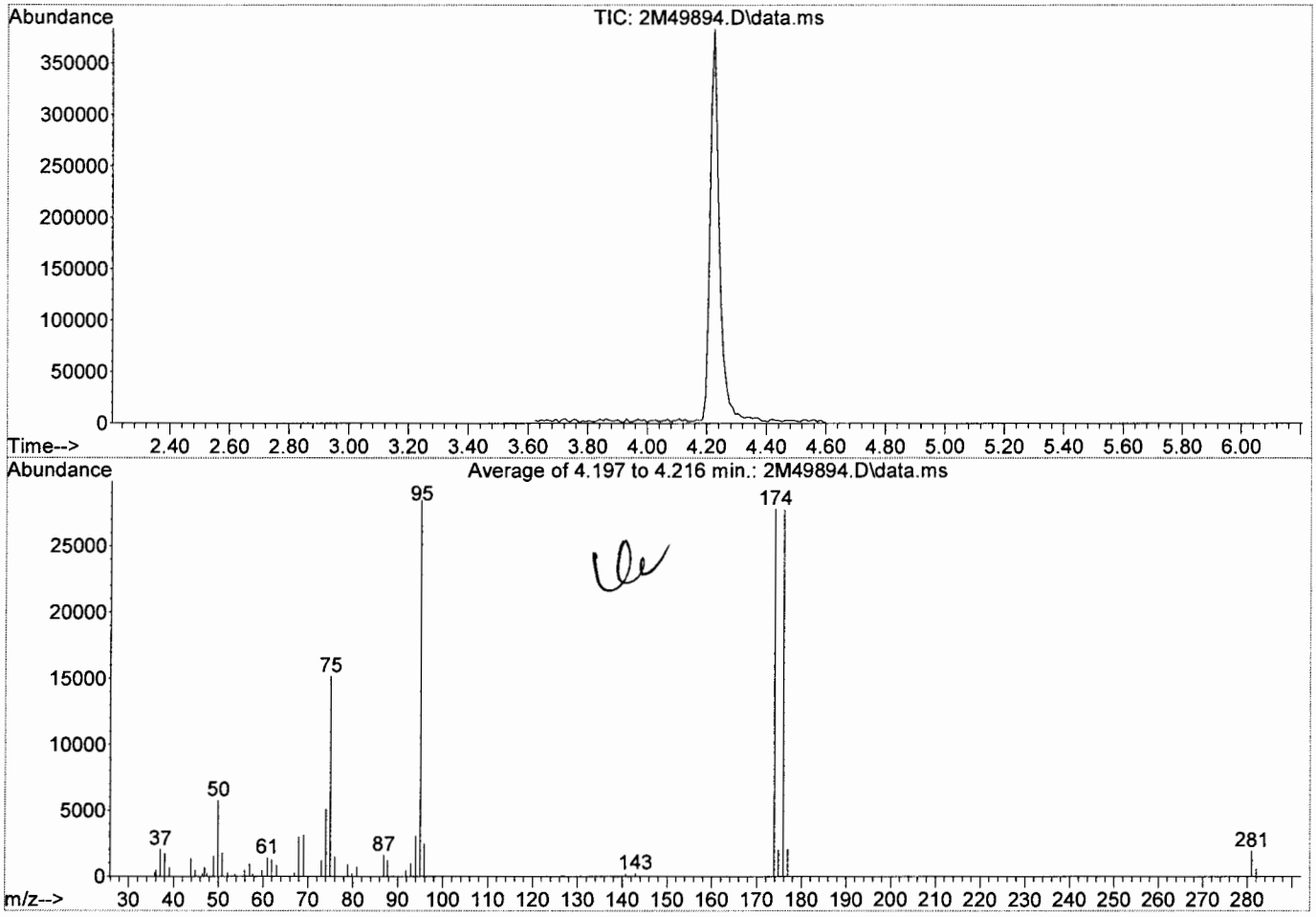
Data File	Sample Number	Analysis Date:
2M49895.D	BLK	03/09/10 06:39
2M49896.D	CAL @ 20 PPB	03/09/10 06:50
2M49897.D	BLK	03/09/10 07:23
2M49898.D	DAILY BLANK	03/09/10 07:40
2M49899.D	DAILY BLANK	03/09/10 07:57
2M49900.D	AC50165-005	03/09/10 08:16
2M49901.D	AC50165-006	03/09/10 08:32
2M49902.D	AC50143-005	03/09/10 08:48
2M49903.D	AC50108-005	03/09/10 09:04
2M49904.D	AC50183-001(400u	03/09/10 09:20
2M49905.D	MBS15219	03/09/10 09:36
2M49906.D	MBS15220	03/09/10 09:52
2M49907.D	BLKJUG#2	03/09/10 10:09
2M49908.D	AC50203-003	03/09/10 10:26
2M49909.D	AC50199-001	03/09/10 10:42
2M49910.D	AC50199-002	03/09/10 10:58
2M49911.D	AC50199-003	03/09/10 11:15
2M49912.D	AC50199-004	03/09/10 11:31
2M49913.D	AC50199-005	03/09/10 11:47
2M49914.D	AC50199-006	03/09/10 12:03
2M49915.D	AC50199-007	03/09/10 12:18
2M49916.D	AC50143-003(MS)	03/09/10 12:34

CLPBFB

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49894.D
Acq On : 9 Mar 2010 6:30
Operator : WP
Sample : BFB TUNE
Misc : A,5ML!2
ALS Vial : 64 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260
Last Update : Mon Mar 08 07:13:56 2010



Spectrum Information: Average of 4.197 to 4.216 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	5761	PASS
75	95	30	60	53.3	15176	PASS
95	95	100	100	100.0	28453	PASS
96	95	5	9	8.7	2478	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	97.7	27802	PASS
175	174	5	9	7.2	1994	PASS
176	174	95	101	99.8	27733	PASS
177	176	5	9	7.4	2052	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 1M54821.D
Analysis Date: 03/08/10 08:26
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0050	U	56-23-5	Carbon Tetrachloride	0.0050	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0050	U	108-90-7	Chlorobenzene	0.0050	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0050	U	75-00-3	Chloroethane	0.0050	U
79-00-5	1,1,2-Trichloroethane	0.0050	U	67-66-3	Chloroform	0.0050	U
75-34-3	1,1-Dichloroethane	0.0050	U	74-87-3	Chloromethane	0.0050	U
75-35-4	1,1-Dichloroethene	0.0050	U	156-59-2	cis-1,2-Dichloroethene	0.0050	U
96-18-4	1,2,3-Trichloropropane	0.0050	U	10061-01-5	cis-1,3-Dichloropropene	0.0050	U
95-63-6	1,2,4-Trimethylbenzene	0.0010	U	124-48-1	Dibromochloromethane	0.0050	U
95-50-1	1,2-Dichlorobenzene	0.0050	U	75-71-8	Dichlorodifluoromethane	0.0050	U
107-06-2	1,2-Dichloroethane	0.0050	U	100-41-4	Ethylbenzene	0.0010	U
78-87-5	1,2-Dichloropropane	0.0050	U	98-82-8	Isopropylbenzene	0.0010	U
108-67-8	1,3,5-Trimethylbenzene	0.0010	U	136777612	m&p-Xylenes	0.0010	U
541-73-1	1,3-Dichlorobenzene	0.0050	U	75-09-2	Methylene Chloride	0.0050	U
142-28-9	1,3-Dichloropropane	0.0050	U	1634-04-4	Methyl-t-butyl ether	0.0010	U
106-46-7	1,4-Dichlorobenzene	0.0050	U	104-51-8	n-Butylbenzene	0.0010	U
123-91-1	1,4-Dioxane	0.25	U	103-65-1	n-Propylbenzene	0.0010	U
78-93-3	2-Butanone	0.0050	U	95-47-6	o-Xylene	0.0010	U
110-75-8	2-Chloroethylvinylether	0.0050	U	135-98-8	sec-Butylbenzene	0.0010	U
591-78-6	2-Hexanone	0.0050	U	100-42-5	Styrene	0.0050	U
99-87-6	4-Isopropyltoluene	0.0010	U	75-65-0	t-Butyl Alcohol	0.025	U
108-10-1	4-Methyl-2-Pentanone	0.0050	U	98-06-6	t-Butylbenzene	0.0010	U
67-64-1	Acetone	0.025	U	127-18-4	Tetrachloroethene	0.0050	U
107-02-8	Acrolein	0.025	U	108-88-3	Toluene	0.0010	U
107-13-1	Acrylonitrile	0.0050	U	156-60-5	trans-1,2-Dichloroethene	0.0050	U
71-43-2	Benzene	0.0010	U	10061-02-6	trans-1,3-Dichloropropene	0.0050	U
75-27-4	Bromodichloromethane	0.0050	U	79-01-6	Trichloroethene	0.0050	U
75-25-2	Bromoform	0.0050	U	75-69-4	Trichlorofluoromethane	0.0050	U
74-83-9	Bromomethane	0.0050	U	75-01-4	Vinyl Chloride	0.0050	U
75-15-0	Carbon Disulfide	0.0050	U				

Worksheet #: 144620

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 1M54821.D
Analysis Date: 03/08/10 08:26
Date Rec/Extracted:

Matrix: Soil
Initial Vol: 5g
Final Vol: NA
Dilution: 1.00
Solids: 100
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

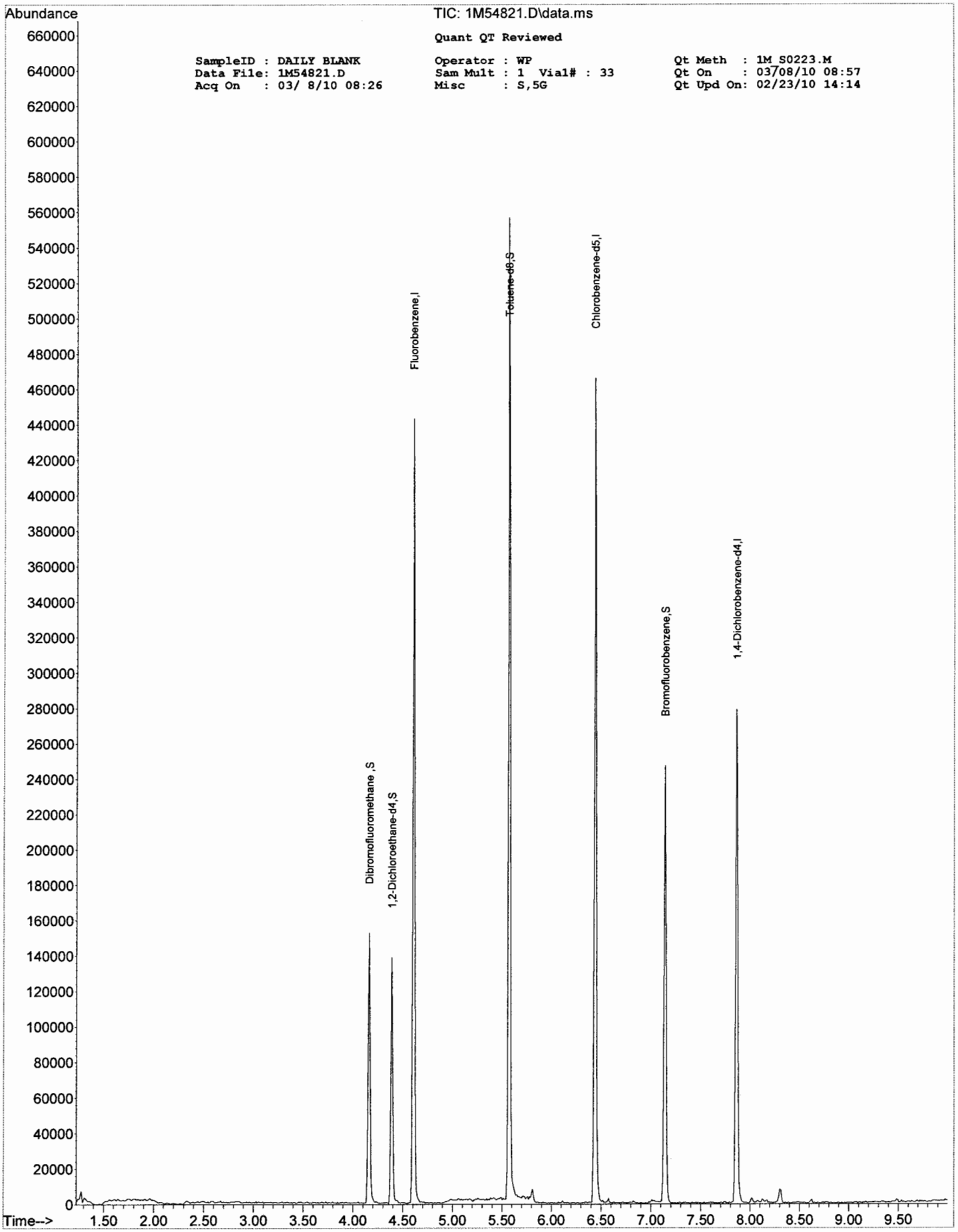
Quantitation Report (QT Reviewed)

SampleID : DAILY BLANK Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54821.D Sam Mult : 1 Vial# : 33 Qt On : 03/08/10 08:57
Acq On : 03/ 8/10 08:26 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.605	96	203613	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.438	117	168638	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.858	152	63446	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.162	111	61060	33.30	ug/l	0.00
Spiked Amount 30.000			Recovery =	111.00%		
35) 1,2-Dichloroethane-d4	4.388	102	11745	35.34	ug/l	0.00
Spiked Amount 30.000			Recovery =	117.80%		
59) Toluene-d8	5.571	100	141752	28.00	ug/l	0.00
Spiked Amount 30.000			Recovery =	93.33%		
67) Bromofluorobenzene	7.138	174	53356	28.36	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.53%		
Target Compounds						Qvalue
No Library Search Compounds Found						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54821.D\data.ms
Quant QT Reviewed
SampleID : DAILY BLANK
Data File: 1M54821.D
Acq On : 03/ 8/10 08:26
Operator : WP
Sam Mult : 1 Vial# : 33
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 03/08/10 08:57
Qt Upd On: 02/23/10 14:14
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54821.D
Acq On : 8 Mar 2010 8:26
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 33 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Title : @GCMS_1,ug,624,8260

Signal : TIC: 1M54821.D\data.ms

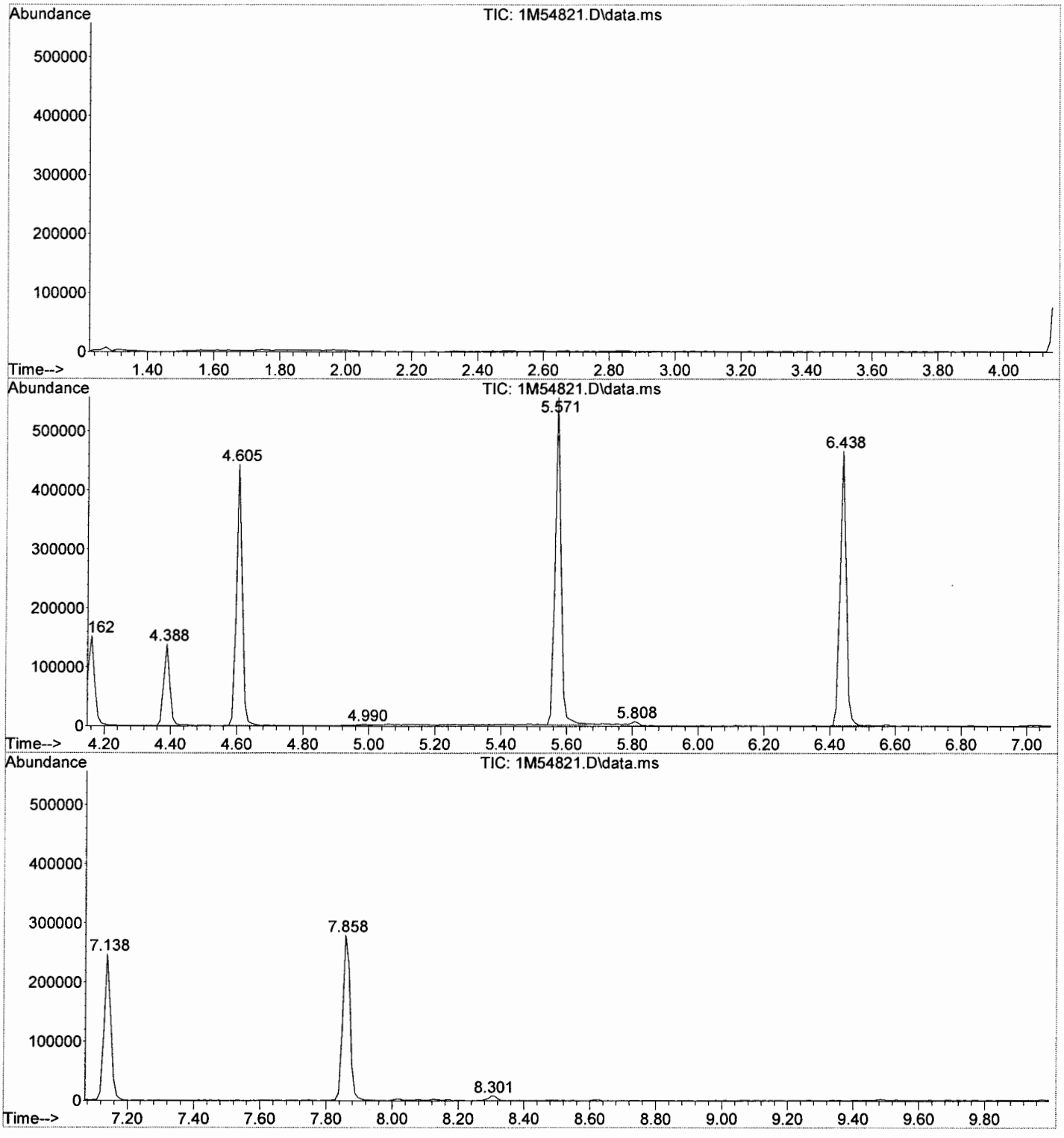
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.162	248	252	258	rBV	152167	213408	31.43%	7.071%
2	4.388	272	275	279	rBV	138675	177680	26.17%	5.887%
3	4.605	294	297	304	rBV	442580	536712	79.05%	17.784%
4	4.990	326	336	338	rBV4	2380	8942	1.32%	0.296%
5	5.571	392	395	404	rBV	554212	678961	100.00%	22.497%
6	5.808	415	419	423	rVB2	7553	14517	2.14%	0.481%
7	6.438	480	483	490	rBV	465160	610157	89.87%	20.217%
8	7.138	551	554	561	rVB	247115	337906	49.77%	11.196%
9	7.858	624	627	640	rVB	279091	425892	62.73%	14.112%
10	8.301	667	672	675	rVB2	7689	13811	2.03%	0.458%

Sum of corrected areas: 3017986

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54821.D
Acq On : 8 Mar 2010 8:26
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 33 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Data File : 1M54821.D
Acq On : 8 Mar 2010 8:26
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 33 Sample Multiplier: 1

Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK
Client Id:
Data File: 2M49898.D
Analysis Date: 03/09/10 07:40
Date Rec/Extracted:
Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B
Matrix: Methanol
Extraction Ratio: 5g:10ml
Final Vol: NA
Dilution: 100
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.10	U	56-23-5	Carbon Tetrachloride	0.10	U
79-34-5	1,1,2,2-Tetrachloroethane	0.10	U	108-90-7	Chlorobenzene	0.10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.50	U	75-00-3	Chloroethane	0.10	U
79-00-5	1,1,2-Trichloroethane	0.10	U	67-66-3	Chloroform	0.10	U
75-34-3	1,1-Dichloroethane	0.10	U	74-87-3	Chloromethane	0.10	U
75-35-4	1,1-Dichloroethene	0.10	U	156-59-2	cis-1,2-Dichloroethene	0.10	U
96-18-4	1,2,3-Trichloropropane	0.10	U	10061-01-5	cis-1,3-Dichloropropene	0.10	U
95-63-6	1,2,4-Trimethylbenzene	0.10	U	124-48-1	Dibromochloromethane	0.10	U
95-50-1	1,2-Dichlorobenzene	0.10	U	75-71-8	Dichlorodifluoromethane	0.10	U
107-06-2	1,2-Dichloroethane	0.050	U	100-41-4	Ethylbenzene	0.10	U
78-87-5	1,2-Dichloropropane	0.10	U	98-82-8	Isopropylbenzene	0.10	U
108-67-8	1,3,5-Trimethylbenzene	0.10	U	136777612	m&p-Xylenes	0.10	U
541-73-1	1,3-Dichlorobenzene	0.10	U	75-09-2	Methylene Chloride	0.10	U
142-28-9	1,3-Dichloropropane	0.10	U	1634-04-4	Methyl-t-butyl ether	0.050	U
106-46-7	1,4-Dichlorobenzene	0.10	U	104-51-8	n-Butylbenzene	0.10	U
123-91-1	1,4-Dioxane	5.0	U	103-65-1	n-Propylbenzene	0.10	U
78-93-3	2-Butanone	0.10	U	95-47-6	o-Xylene	0.10	U
110-75-8	2-Chloroethylvinylether	0.10	U	135-98-8	sec-Butylbenzene	0.10	U
591-78-6	2-Hexanone	0.10	U	100-42-5	Styrene	0.10	U
99-87-6	4-Isopropyltoluene	0.10	U	75-65-0	t-Butyl Alcohol	0.50	U
108-10-1	4-Methyl-2-Pentanone	0.10	U	98-06-6	t-Butylbenzene	0.10	U
67-64-1	Acetone	0.50	U	127-18-4	Tetrachloroethene	0.10	U
107-02-8	Acrolein	0.50	U	108-88-3	Toluene	0.10	U
107-13-1	Acrylonitrile	0.50	U	156-60-5	trans-1,2-Dichloroethene	0.10	U
71-43-2	Benzene	0.050	U	10061-02-6	trans-1,3-Dichloropropene	0.10	U
75-27-4	Bromodichloromethane	0.10	U	79-01-6	Trichloroethene	0.10	U
75-25-2	Bromoform	0.10	U	75-69-4	Trichlorofluoromethane	0.10	U
74-83-9	Bromomethane	0.10	U	75-01-4	Vinyl Chloride	0.10	U
75-15-0	Carbon Disulfide	0.10	U				

Worksheet #: 144620

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK
Client Id:
Data File: 2M49898.D
Analysis Date: 03/09/10 07:40
Date Rec/Extracted:

Matrix: Methanol
Extraction Ratio: 5g:10ml
Final Vol: NA
Dilution: 100
Solids: 100
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 144620

Total Tentatively Identified Concentration 0

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

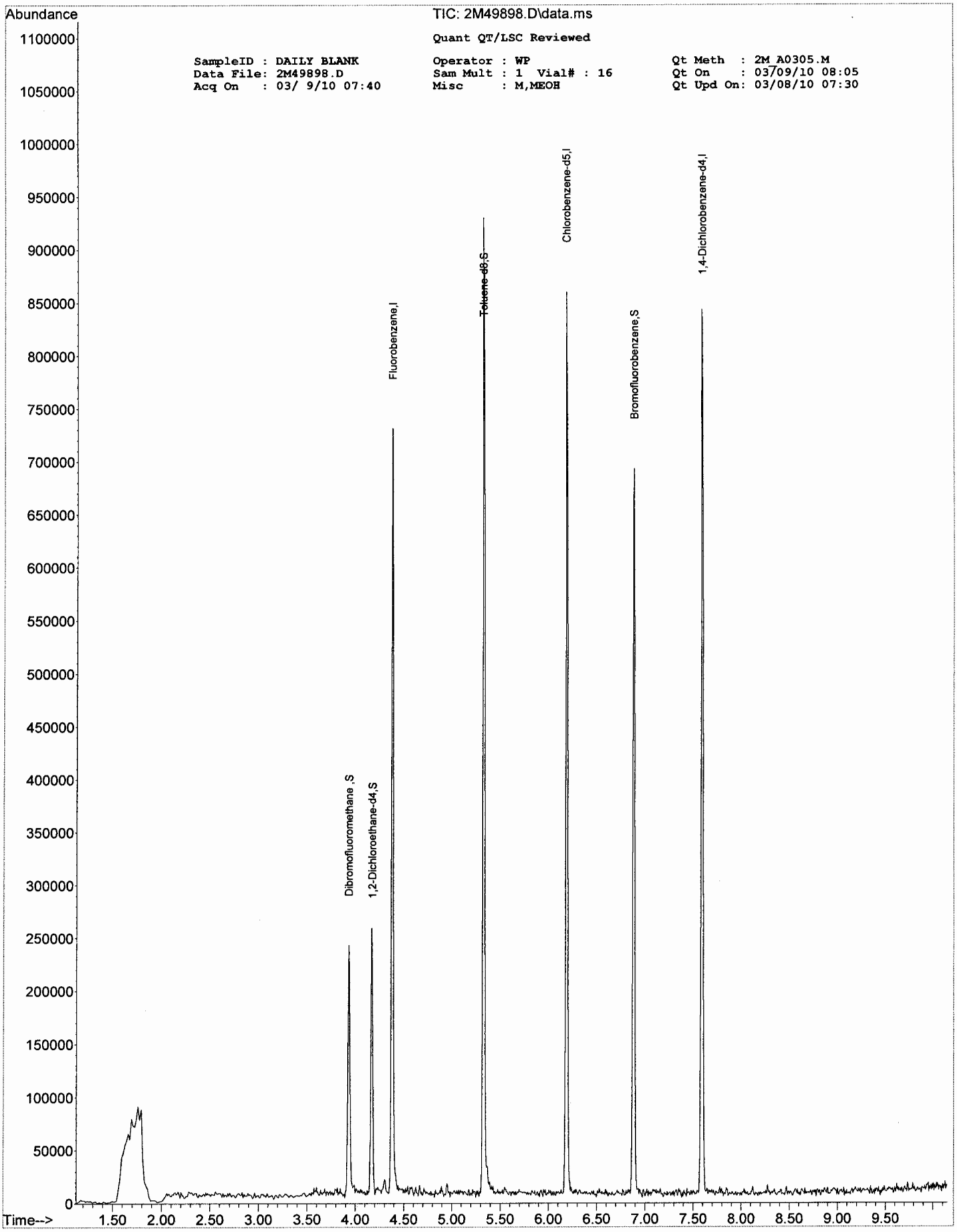
Quantitation Report (QT/LSC Reviewed)

SampleID : DAILY BLANK Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49898.D Sam Mult : 1 Vial# : 16 Qt On : 03/09/10 08:05
Acq On : 03/ 9/10 07:40 Misc : M,MEOH Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.382	96	429960	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	357809	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.594	152	217161	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.931	111	101353	27.38	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.27%			
35) 1,2-Dichloroethane-d4	4.171	102	28417	29.91	ug/l	0.00
Spiked Amount 30.000			Recovery = 99.70%			
59) Toluene-d8	5.326	100	280941	28.98	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.60%			
67) Bromofluorobenzene	6.884	174	186823	28.58	ug/l	0.00
Spiked Amount 30.000			Recovery = 95.27%			
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.382		966549	30.00	ug/l	--
2) Chlorobenzene-d5	6.186		1075790	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.588		1158820	30.00	ug/l	--
Library Search Compounds						

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49898.D\data.ms
Quant QT/LSC Reviewed
SampleID : DAILY BLANK
Data File: 2M49898.D
Acq On : 03/ 9/10 07:40
Operator : WP
Sam Mult : 1 Vial# : 16
Misc : M,MEOH
Qt Meth : 2M_A0305.M
Qt On : 03/09/10 08:05
Qt Upd On: 03/08/10 07:30
Dibromofluoromethane,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49898.D
Acq On : 9 Mar 2010 7:40
Operator : WP
Sample : DAILY BLANK
Misc : M,MEOH
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 150 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Title : @GCMS_2,ug,624,8260

Signal : TIC: 2M49898.D\data.ms

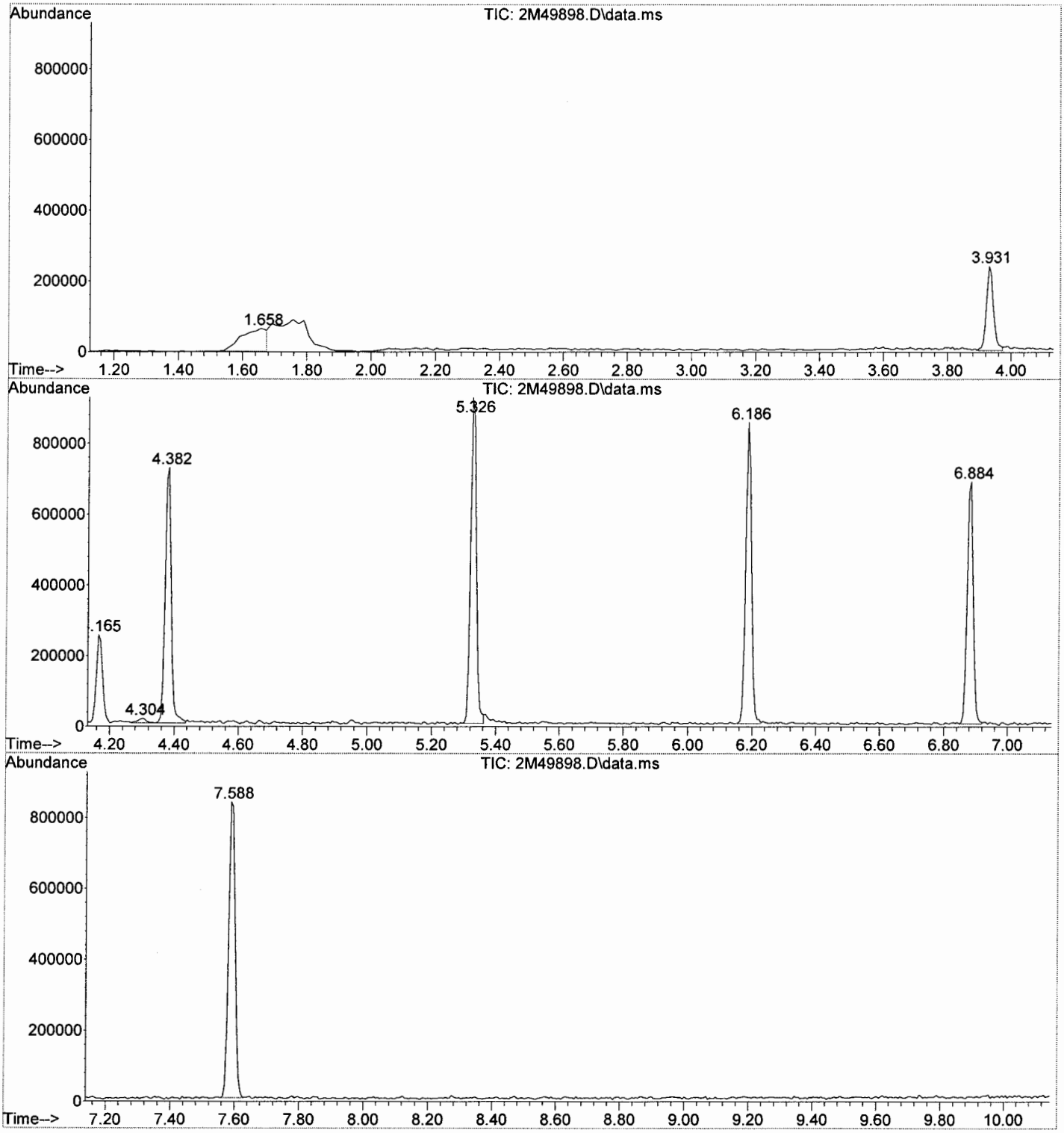
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.658	25	33	34	rBV7	64092	354286	30.59%	5.595%
2	3.931	265	271	278	rBV	238319	359262	31.02%	5.674%
3	4.165	304	310	316	rVB	251131	335974	29.01%	5.306%
4	4.304	327	333	339	rBV6	13511	23993	2.07%	0.379%
5	4.382	339	346	355	rBV	722163	961214	82.99%	15.181%
6	5.326	498	503	509	rBV	920803	1157696	99.95%	18.284%
7	6.186	640	646	653	rBV	851264	1069988	92.38%	16.898%
8	6.884	756	762	768	rBV	684697	911175	78.67%	14.390%
9	7.588	874	879	886	rBV	834430	1158267	100.00%	18.293%

Sum of corrected areas: 6331855

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49898.D
Acq On : 9 Mar 2010 7:40
Operator : WP
Sample : DAILY BLANK
Misc : M,MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Data File : 2M49898.D
Acq On : 9 Mar 2010 7:40
Operator : WP
Sample : DAILY BLANK
Misc : M,MEOH
ALS Vial : 16 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_2\METHODQT\2M_A0305.M
Quant Title : @GCMS_2,ug,624,8260

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected
****

Form3

MBS Data

Method: 8260

Data File:==>					2M49815.D			1M54822.D			2M49906.D								
Data/Batch/Sample ID:==>					MBS15198-Me			MBS15203-So			MBS15220-Me								
Date/Time:==>					03/05/10 21:29			03/08/10 08:42			03/09/10 09:52								
Compound	Limit(s) Soil	Aq	Col	Mr	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec	Conc	Conc Exp	% Rec
1,1-Dichloroethane	37-126		1	0	19.18	20	96	41.66	50	83	20.06	20	100						
1,1-Dichloroethene	17-114		1	0	15.95	20	80	35.94	50	72	16.29	20	81						
1,2-Dichlorobenzen	51-127		1	0	20.7	20	104	40.18	50	80	21.75	20	109						
1,2-Dichloroethane	38-130		1	0	20.01	20	100	46.2	50	92	20.82	20	104						
1,4-Dichlorobenzen	52-120		1	0	20.2	20	101	40.92	50	82	20.46	20	102						
2-Butanone	23-146		1	0	22.28	20	111	40.33	50	81	22.27	20	111						
Benzene	44-138		1	0	20.62	20	103	52.41	50	105	21.45	20	107						
Carbon Tetrachlorid	32-137		1	0	17.42	20	87	53.18	50	106	21.26	20	106						
Chlorobenzene	52-127		1	0	21.21	20	106	44.47	50	89	21.64	20	108						
Chloroform	41-129		1	0	19.7	20	99	48.28	50	97	20.29	20	101						
n-Propylbenzene	49-135		1	0	21.28	20	106	45.92	50	92	21.91	20	110						
sec-Butylbenzene	46-126		1	0	21.69	20	108	46.36	50	93	22.06	20	110						
Tetrachloroethene	48-133		1	0	21.8	20	109	47.07	50	94	23.15	20	116						
Toluene	41-140		1	0	20.87	20	104	51.63	50	103	22.19	20	111						
Trichloroethene	44-134		1	0	19.76	20	99	47.66	50	95	20.33	20	102						
Vinyl Chloride	15-160		1	0	20.47	20	102	35.64	50	71	20.15	20	101						

Flags/Notes: **** - Values outside of limits for this column/run***

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M49815.D
Acq On : 03/ 5/10 21:29

Operator : WP
Sam Mult : 1 Vial# : 34
Misc : M,MEOH

Qt Meth : 2M_A0305.M
Qt On : 03/08/10 07:31
Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.376	96	401742	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.181	117	332441	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.588	152	205908	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.925	111	101400	29.32	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.73%		
35) 1,2-Dichloroethane-d4	4.160	102	24065	27.11	ug/l	0.00
Spiked Amount 30.000			Recovery =	90.37%		
59) Toluene-d8	5.327	100	267865	29.74	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.13%		
67) Bromofluorobenzene	6.879	174	186169	30.04	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.13%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.259	51	110536	17.07	ug/l	49
6) Dichlorodifluoromethane	1.225	85	42352	13.37	ug/l	90
7) Chloromethane	1.375	50	73972	16.84	ug/l	96
8) Bromomethane	1.625	94	7600	3.63	ug/l	89
9) Vinyl Chloride	1.425	62	69686	20.47	ug/l	95
10) Chloroethane	1.675	64	11981	6.85	ug/l	41
11) Trichlorofluoromethane	1.825	101	46448	10.06	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.203	101	67044	19.88	ug/l	97
13) Methylene Chloride	2.568	84	77707	17.65	ug/l	87
14) Acrolein	2.173	56	65599	80.64	ug/l	89
15) Acrylonitrile	2.765	53	35017	19.95	ug/l	90
16) Iodomethane	2.331	142	107686	15.35	ug/l	100
17) Acetone	2.292	43	127874	60.94	ug/l	94
18) Carbon Disulfide	2.380	76	147837	18.99	ug/l	100
19) t-Butyl Alcohol	2.637	59	704	1.46	ug/l	93
20) n-Hexane	2.952	57	86546	21.97	ug/l	83
21) Di-isopropyl-ether	3.140	45	327810	19.74	ug/l	91
22) 1,1-Dichloroethene	2.213	61	95782	15.95	ug/l	90
23) Methyl Acetate	2.509	43	77953	18.79	ug/l	100
24) Methyl-t-butyl ether	2.775	73	206400	18.79	ug/l	90
25) 1,1-Dichloroethane	3.090	63	143460	19.18	ug/l	95
26) trans-1,2-Dichloroethene	2.765	96	67940	18.24	ug/l	84
27) cis-1,2-Dichloroethene	3.552	61	135534	20.00	ug/l	96
28) Bromochloromethane	3.757	49	58351	17.47	ug/l	77
29) 2,2-Dichloropropane	3.552	77	99901	23.59	ug/l	89
30) 1,4-Dioxane	4.833	88	44170	800.90	ug/l	88
31) 1,1-Dichloropropene	4.057	75	96876	20.05	ug/l	92
32) Chloroform	3.805	83	118940	19.70	ug/l	93
34) Cyclohexane	3.979	56	128489	20.80	ug/l	93
36) 1,2-Dichloroethane	4.214	62	101250	20.01	ug/l	100
37) 2-Butanone	3.582	43	53290	22.28	ug/l	80
38) 1,1,1-Trichloroethane	3.943	97	87905	18.72	ug/l	83
39) Carbon Tetrachloride	4.057	117	66464	17.42	ug/l	95
40) Vinyl Acetate	3.130	43	280521	17.16	ug/l	100
41) Bromodichloromethane	4.899	83	89736	17.36	ug/l	99
42) Methylcyclohexane	4.713	83	105365	20.89	ug/l	95
43) Dibromomethane	4.815	174	79916	19.74	ug/l	90
44) 1,2-Dichloropropane	4.737	63	90480	19.77	ug/l	98
45) Trichloroethene	4.599	130	88566	19.76	ug/l	84
46) Benzene	4.202	78	295532	20.62	ug/l	100
47) tert-Amyl methyl ether	4.268	73	185330	17.35	ug/l	85
49) Dibromochloromethane	5.844	129	75804	15.99	ug/l	92
50) 2-Chloroethylvinylether	5.068	63	54723	15.33	ug/l	93
51) cis-1,3-Dichloropropene	5.164	75	124986	18.80	ug/l	90
52) trans-1,3-Dichloropropene	5.489	75	112023	18.66	ug/l	99
53) 1,1,2-Trichloroethane	5.603	97	80059	20.81	ug/l	89
54) 1,2-Dibromoethane	5.916	107	88268	19.55	ug/l	99
55) 1,3-Dichloropropane	5.706	76	140514	21.55	ug/l	100
56) 4-Methyl-2-Pentanone	5.254	43	82104	13.20	ug/l	92
57) 2-Hexanone	5.742	43	62680	14.64	ug/l	97
58) Tetrachloroethene	5.687	164	89066	21.80	ug/l	97
60) Toluene	5.363	92	197335	20.87	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.241	133	80238	22.24	ug/l	87
62) Chlorobenzene	6.199	112	239880	21.21	ug/l	96
64) Bromoform	6.698	173	60324	11.57	ug/l	96
65) Ethylbenzene	6.253	106	100816	21.14	ug/l	94
66) 1,1,2,2-Tetrachloroethane	6.951	83	85886	16.68	ug/l	84
68) Styrene	6.566	104	236775	20.28	ug/l	85
69) m&p-Xylenes	6.319	106	282832	41.14	ug/l	79

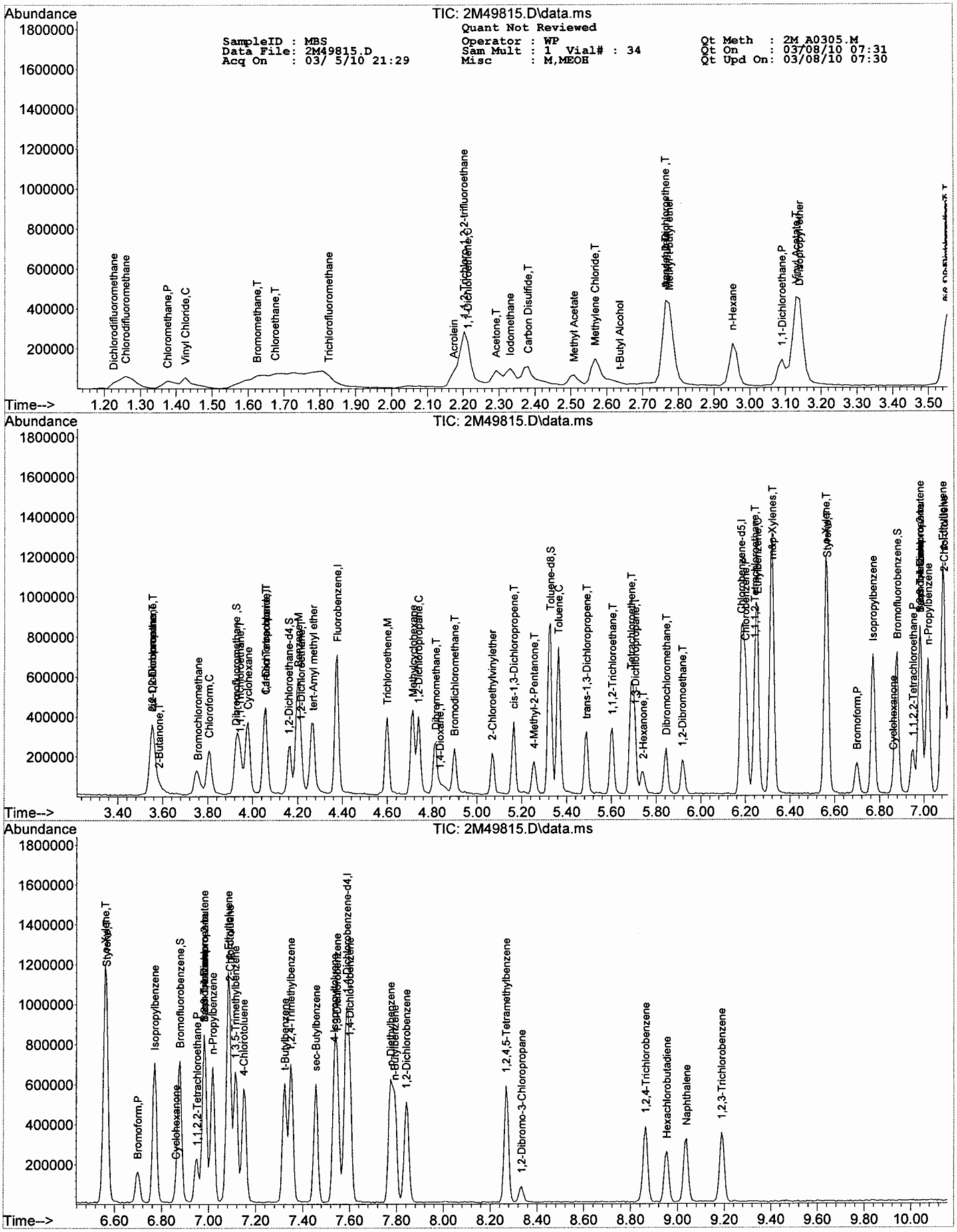
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49815.D Sam Mult : 1 Vial# : 34 Qt On : 03/08/10 07:31
Acq On : 03/ 5/10 21:29 Misc : M,MEOH Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.560	106	144958	21.39 ug/l	89
71) trans-1,4-Dichloro-2-b...	6.981	53	22716	15.11 ug/l	59
72) 1,3-Dichlorobenzene	7.546	146	199708	22.37 ug/l	94
73) 1,4-Dichlorobenzene	7.600	146	200712	20.20 ug/l	97
74) 1,2-Dichlorobenzene	7.841	146	190321	20.70 ug/l	95
75) Isopropylbenzene	6.770	105	339266	20.76 ug/l	95
76) Cyclohexanone	6.860	55	14211	61.03 ug/l	90
77) 1,2,3-Trichloropropane	6.981	75	111793	18.34 ug/l	95
78) 2-Chlorotoluene	7.089	91	215884	21.73 ug/l	96
79) p-Ethyltoluene	7.083	105	340806	18.78 ug/l	98
80) 4-Chlorotoluene	7.149	91	195276	20.86 ug/l	92
81) n-Propylbenzene	7.017	91	397002	21.28 ug/l	94
82) Bromobenzene	6.981	77	178176	19.53 ug/l	81
83) 1,3,5-Trimethylbenzene	7.113	105	261136	20.69 ug/l	90
84) t-Butylbenzene	7.324	119	262350	21.78 ug/l	92
85) 1,2,4-Trimethylbenzene	7.348	105	299247	21.90 ug/l	87
86) sec-Butylbenzene	7.456	105	314895	21.69 ug/l	99
87) 4-Isopropyltoluene	7.534	119	263840	23.19 ug/l	93
88) n-Butylbenzene	7.793	91	272817	22.25 ug/l	93
89) p-Diethylbenzene	7.775	119	156855	19.22 ug/l	96
90) 1,2,4,5-Tetramethylben...	8.268	119	253078	23.11 ug/l	96
91) 1,2-Dibromo-3-Chloropr...	8.334	157	18563	12.11 ug/l	72
92) Hexachlorobutadiene	8.954	225	49019	22.06 ug/l	93
93) 1,2,4-Trichlorobenzene	8.864	180	114192	22.44 ug/l	97
94) 1,2,3-Trichlorobenzene	9.188	180	111232	22.13 ug/l	97
95) Naphthalene	9.038	128	225099	17.82 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49815.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M49815.D
Acq On : 03/ 5/10 21:29
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : M,MEOH
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 07:31
Qt Upd On: 03/08/10 07:30
Time-->

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 1M54822.D
Acq On : 03/ 8/10 08:42

Operator : WP
Sam Mult : 1 Vial# : 34
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 03/08/10 08:58
Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.604	96	231787	30.00	ug/l	-0.01
48) Chlorobenzene-d5	6.438	117	180460	30.00	ug/l	-0.01
63) 1,4-Dichlorobenzene-d4	7.857	152	73628	30.00	ug/l	-0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.161	111	64240	30.78	ug/l	-0.01
Spiked Amount 30.000			Recovery = 102.60%			
35) 1,2-Dichloroethane-d4	4.388	102	11258	29.75	ug/l	-0.01
Spiked Amount 30.000			Recovery = 99.17%			
59) Toluene-d8	5.570	100	156930	28.97	ug/l	-0.01
Spiked Amount 30.000			Recovery = 96.57%			
67) Bromofluorobenzene	7.137	174	61761	28.29	ug/l	-0.01
Spiked Amount 30.000			Recovery = 94.30%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.376	51	154057	33.31	ug/l	1
6) Dichlorodifluoromethane	1.376	85	100139	37.04	ug/l	96
7) Chloromethane	1.510	50	93634	29.16	ug/l	97
8) Bromomethane	1.828	94	41086	33.07	ug/l	95
9) Vinyl Chloride	1.577	62	77640	35.64	ug/l	99
10) Chloroethane	1.895	64	47914	38.15	ug/l	94
11) Trichlorofluoromethane	2.079	101	234566	49.76	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.466	101	125135	51.57	ug/l	97
13) Methylene Chloride	2.821	84	108089	38.96	ug/l	94
14) Acrolein	2.377	56	48738	180.81	ug/l	98
15) Acrylonitrile	2.988	53	16510	27.09	ug/l	87
16) Iodomethane	2.584	142	159057	40.42	ug/l	74
17) Acetone	2.495	43	96303	203.35	ug/l	98
18) Carbon Disulfide	2.643	76	333298	45.56	ug/l	100
19) t-Butyl Alcohol	2.880	59	12549	188.53	ug/l	97
20) n-Hexane	3.264	57	193574	48.56	ug/l	89
21) Di-isopropyl-ether	3.412	45	399879	40.63	ug/l	89
22) 1,1-Dichloroethene	2.466	61	195413	35.94	ug/l	92
23) Methyl Acetate	2.732	43	54971	39.08	ug/l	100
24) Methyl-t-butyl ether	3.037	73	148829	40.49	ug/l	71
25) 1,1-Dichloroethane	3.363	63	242693	41.66	ug/l	100
26) trans-1,2-Dichloroethene	3.037	96	119809	45.00	ug/l	78
27) cis-1,2-Dichloroethene	3.826	61	234652	42.40	ug/l	92
28) Bromochloromethane	4.003	49	99982	37.43	ug/l	86
29) 2,2-Dichloropropane	3.836	77	171474	47.85	ug/l	93
30) 1,4-Dioxane	5.048	88	28511	2068.46	ug/l	77
31) 1,1-Dichloropropene	4.309	75	208218	44.52	ug/l	96
32) Chloroform	4.053	83	245724	48.28	ug/l	100
34) Cyclohexane	4.250	56	269899	45.68	ug/l	94
36) 1,2-Dichloroethane	4.437	62	188345	46.20	ug/l	98
37) 2-Butanone	3.826	43	33377	40.33	ug/l	87
38) 1,1,1-Trichloroethane	4.200	97	207547	49.21	ug/l	95
39) Carbon Tetrachloride	4.319	117	199878	53.18	ug/l	93
40) Vinyl Acetate	3.412	43	321591	37.49	ug/l	100
41) Bromodichloromethane	5.127	83	191909	46.78	ug/l	96
42) Methylcyclohexane	4.969	83	252732	48.50	ug/l	81
43) Dibromomethane	5.038	174	82144	45.56	ug/l	96
44) 1,2-Dichloropropane	4.969	63	125253	40.46	ug/l	87
45) Trichloroethene	4.831	130	150626	47.66	ug/l	87
46) Benzene	4.437	78	473911	52.41	ug/l	100
47) tert-Amyl methyl ether	4.506	73	127413	36.78	ug/l	79
49) Dibromochloromethane	6.083	129	123165	46.70	ug/l	100
50) 2-Chloroethylvinylether	5.294	63	43697	35.29	ug/l	92
51) cis-1,3-Dichloropropene	5.393	75	176945	40.33	ug/l	97
52) trans-1,3-Dichloropropene	5.718	75	146678	41.56	ug/l	99
53) 1,1,2-Trichloroethane	5.836	97	80551	41.71	ug/l	94
54) 1,2-Dibromoethane	6.162	107	86020	43.01	ug/l	94
55) 1,3-Dichloropropane	5.935	76	156974	41.38	ug/l	99
56) 4-Methyl-2-Pentanone	5.482	43	59687	31.86	ug/l	95
57) 2-Hexanone	5.965	43	40939	32.41	ug/l	97
58) Tetrachloroethene	5.955	164	155555	47.07	ug/l	99
60) Toluene	5.610	92	326335	51.63	ug/l	98
61) 1,1,1,2-Tetrachloroethane	6.497	133	126929	47.68	ug/l	99
62) Chlorobenzene	6.457	112	362819	44.47	ug/l	99
64) Bromoform	6.950	173	46971	36.86	ug/l	98
65) Ethylbenzene	6.507	106	153088	62.87	ug/l	96
66) 1,1,2,2-Tetrachloroethane	7.197	83	53561	34.23	ug/l	95
68) Styrene	6.822	104	245553	43.37	ug/l	89
69) m&p-Xylenes	6.576	106	475593	128.78	ug/l	97

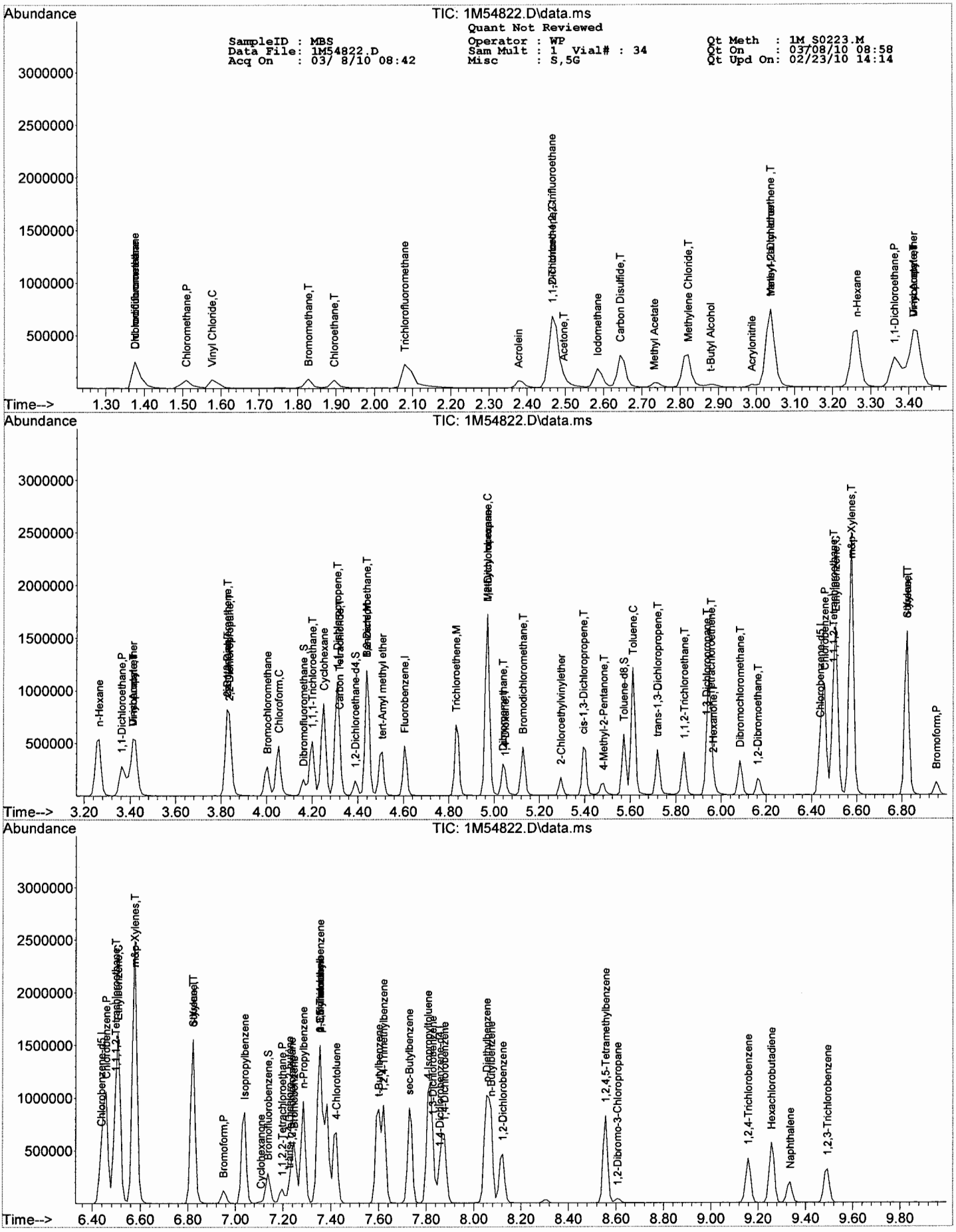
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54822.D Sam Mult : 1 Vial# : 34 Qt On : 03/08/10 08:58
Acq On : 03/ 8/10 08:42 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-08-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
70) o-Xylene	6.822	106	155966	44.61 ug/l	87
71) trans-1,4-Dichloro-2-b...	7.226	53	25780	41.27 ug/l	58
72) 1,3-Dichlorobenzene	7.827	146	197284	41.52 ug/l	94
73) 1,4-Dichlorobenzene	7.877	146	189563	40.92 ug/l	93
74) 1,2-Dichlorobenzene	8.123	146	163183	40.18 ug/l	93
75) Isopropylbenzene	7.039	105	430555	45.30 ug/l	98
76) Cyclohexanone	7.108	55	6362	136.72 ug/l	96
77) 1,2,3-Trichloropropane	7.236	75	76564	36.76 ug/l	93
78) 2-Chlorotoluene	7.354	91	266944	46.47 ug/l	95
79) p-Ethyltoluene	7.354	105	412219	37.52 ug/l	100
80) 4-Chlorotoluene	7.423	91	237248	40.15 ug/l	98
81) n-Propylbenzene	7.285	91	546297	45.92 ug/l	97
82) Bromobenzene	7.246	77	239000	41.88 ug/l	86
83) 1,3,5-Trimethylbenzene	7.354	105	412219	49.13 ug/l	77
84) t-Butylbenzene	7.601	119	365051	46.69 ug/l	90
85) 1,2,4-Trimethylbenzene	7.620	105	379831	46.30 ug/l	96
86) sec-Butylbenzene	7.729	105	474200	46.36 ug/l	100
87) 4-Isopropyltoluene	7.808	119	384841	44.95 ug/l	95
88) n-Butylbenzene	8.074	91	468424	44.45 ug/l	98
89) p-Diethylbenzene	8.054	119	231098	42.54 ug/l	97
90) 1,2,4,5-Tetramethylben...	8.557	119	353613	44.12 ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.606	157	9109	29.26 ug/l	82
92) Hexachlorobutadiene	9.256	225	116436	39.63 ug/l	99
93) 1,2,4-Trichlorobenzene	9.158	180	115102	35.95 ug/l	97
94) 1,2,3-Trichlorobenzene	9.493	180	98823	33.54 ug/l	95
95) Naphthalene	9.335	128	129947	31.90 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54822.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 1M54822.D
Acq On : 03/ 8/10 08:42
Operator : WP
Sam Mult : 1 Vial# : 34
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 03/08/10 08:58
Qt Upd On: 02/23/10 14:14
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Bromoform,P
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M49906.D
Acq On : 03/ 9/10 09:52

Operator : WP
Sam Mult : 1 Vial# : 24
Misc : M,MEOH

Qt Meth : 2M_A0305.M
Qt On : 03/09/10 10:04
Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	423524	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	356298	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.587	152	226913	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	106275	29.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.13%		
35) 1,2-Dichloroethane-d4	4.165	102	27681	29.58	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.60%		
59) Toluene-d8	5.326	100	280330	29.04	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.80%		
67) Bromofluorobenzene	6.878	174	204370	29.92	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.73%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.264	51	173426	25.41	ug/l	33
6) Dichlorodifluoromethane	1.230	85	41536	12.44	ug/l	98
7) Chloromethane	1.380	50	79796	17.23	ug/l	96
8) Bromomethane	1.630	94	13035	5.90	ug/l	91
9) Vinyl Chloride	1.430	62	72304	20.15	ug/l	98
10) Chloroethane	1.680	64	10759	5.84	ug/l	71
11) Trichlorofluoromethane	1.846	101	77423	15.90	ug/l	92
12) 1,1,2-Trichloro-1,2,2-...	2.212	101	70173	19.74	ug/l	94
13) Methylene Chloride	2.577	84	86227	18.58	ug/l	94
14) Acrolein	2.173	56	79536	92.74	ug/l	96
15) Acrylonitrile	2.774	53	34761	18.79	ug/l	96
16) Iodomethane	2.340	142	120406	16.28	ug/l	99
17) Acetone	2.291	43	138672	63.71	ug/l	90
18) Carbon Disulfide	2.390	76	169104	20.61	ug/l	100
19) t-Butyl Alcohol	2.685	59	43313	85.27	ug/l	86
20) n-Hexane	2.961	57	91355	22.00	ug/l	93
21) Di-isopropyl-ether	3.139	45	363875	20.79	ug/l	90
22) 1,1-Dichloroethene	2.232	61	103099	16.29	ug/l	93
23) Methyl Acetate	2.508	43	90251	20.63	ug/l	100
24) Methyl-t-butyl ether	2.774	73	234308	20.24	ug/l	97
25) 1,1-Dichloroethane	3.099	63	158171	20.06	ug/l	100
26) trans-1,2-Dichloroethene	2.774	96	77504	19.74	ug/l	76
27) cis-1,2-Dichloroethene	3.563	61	150636	21.08	ug/l	93
28) Bromochloromethane	3.756	49	72531	20.60	ug/l	78
29) 2,2-Dichloropropane	3.557	77	118496	26.54	ug/l	93
30) 1,4-Dioxane	4.832	88	52870	909.34	ug/l	87
31) 1,1-Dichloropropene	4.062	75	107463	21.10	ug/l	88
32) Chloroform	3.816	83	129147	20.29	ug/l	95
34) Cyclohexane	3.984	56	141160	21.67	ug/l	91
36) 1,2-Dichloroethane	4.219	62	111080	20.82	ug/l	100
37) 2-Butanone	3.581	43	56139	22.27	ug/l	98
38) 1,1,1-Trichloroethane	3.948	97	97207	19.64	ug/l	85
39) Carbon Tetrachloride	4.062	117	85516	21.26	ug/l	82
40) Vinyl Acetate	3.129	43	322452	18.71	ug/l	100
41) Bromodichloromethane	4.904	83	101630	18.65	ug/l	87
42) Methylcyclohexane	4.718	83	116481	21.90	ug/l	95
43) Dibromomethane	4.814	174	91042	21.33	ug/l	90
44) 1,2-Dichloropropane	4.742	63	103349	21.43	ug/l	98
45) Trichloroethene	4.604	130	96088	20.33	ug/l	89
46) Benzene	4.207	78	324046	21.45	ug/l	100
47) tert-Amyl methyl ether	4.267	73	211754	18.81	ug/l	83
49) Dibromochloromethane	5.843	129	103817	20.43	ug/l	95
50) 2-Chloroethylvinylether	5.073	63	64728	16.92	ug/l	91
51) cis-1,3-Dichloropropene	5.163	75	142645	20.02	ug/l	91
52) trans-1,3-Dichloropropene	5.488	75	124067	19.28	ug/l	91
53) 1,1,2-Trichloroethane	5.608	97	83132	20.16	ug/l	85
54) 1,2-Dibromoethane	5.921	107	94894	19.61	ug/l	99
55) 1,3-Dichloropropane	5.705	76	159683	22.85	ug/l	99
56) 4-Methyl-2-Pentanone	5.253	43	99562	14.94	ug/l	94
57) 2-Hexanone	5.741	43	70351	15.34	ug/l	90
58) Tetrachloroethene	5.692	164	101372	23.15	ug/l	97
60) Toluene	5.368	92	224854	22.19	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.246	133	91562	23.67	ug/l	95
62) Chlorobenzene	6.204	112	262365	21.64	ug/l	98
64) Bromoform	6.703	173	73182	12.74	ug/l	94
65) Ethylbenzene	6.258	106	113104	21.53	ug/l	77
66) 1,1,2,2-Tetrachloroethane	6.950	83	100416	17.69	ug/l	91
68) Styrene	6.571	104	274935	21.37	ug/l	80
69) m&p-Xylenes	6.324	106	317268	41.88	ug/l	90

Quantitation Report (Not Reviewed)

SampleID : MBS
Data File: 2M49906.D
Acq On : 03/ 9/10 09:52

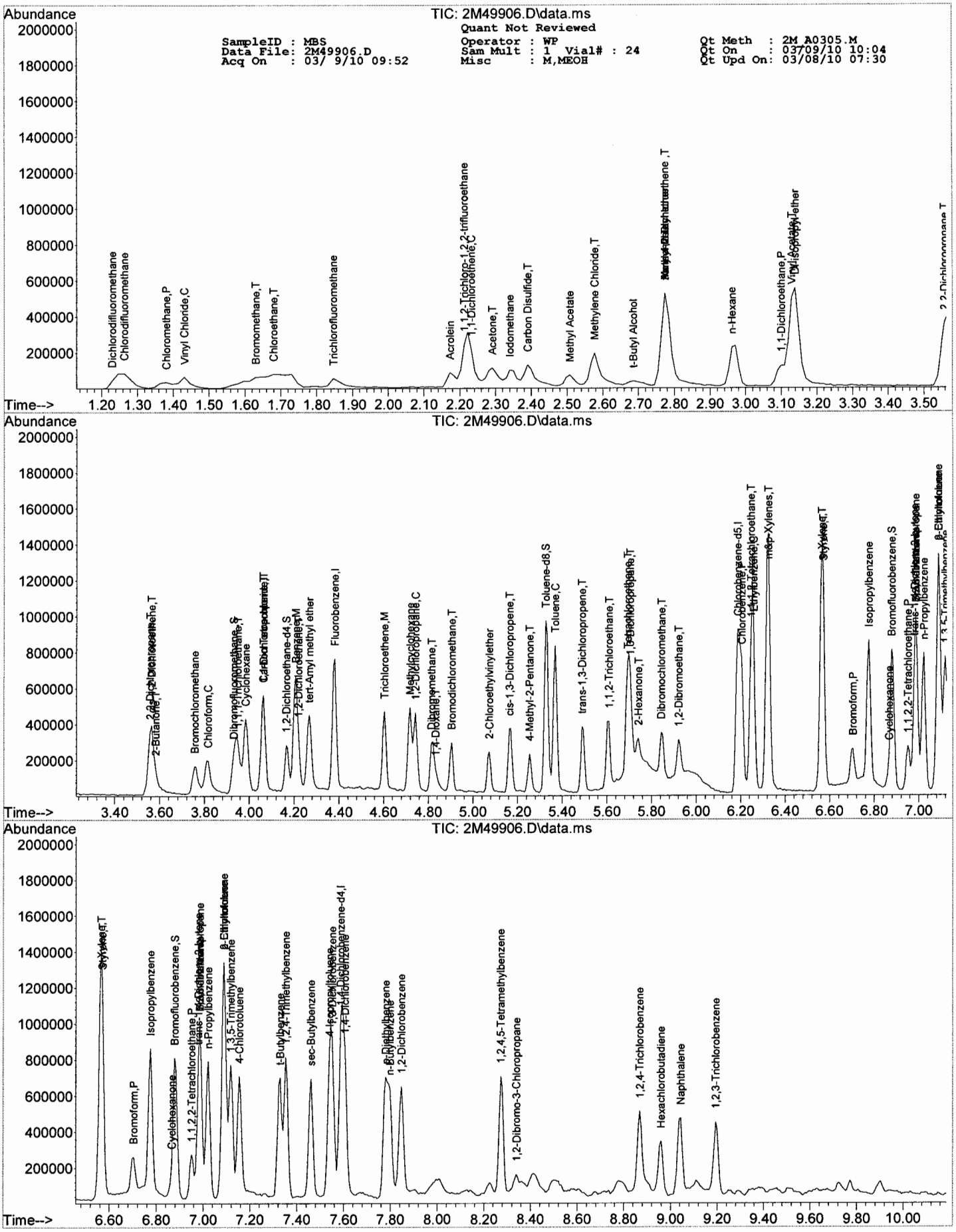
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : M,MEOH

Qt Meth : 2M_A0305.M
Qt On : 03/09/10 10:04
Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-09-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.565	106	163462	21.89	ug/l	90
71) trans-1,4-Dichloro-2-b...	6.980	53	26444	15.96	ug/l	56
72) 1,3-Dichlorobenzene	7.551	146	229690	23.35	ug/l	94
73) 1,4-Dichlorobenzene	7.605	146	224072	20.46	ug/l	96
74) 1,2-Dichlorobenzene	7.846	146	220365	21.75	ug/l	94
75) Isopropylbenzene	6.775	105	378517	21.02	ug/l	95
76) Cyclohexanone	6.865	55	18961	73.89	ug/l	95
77) 1,2,3-Trichloropropane	6.986	75	132074	19.67	ug/l	95
78) 2-Chlorotoluene	7.088	91	229984	21.01	ug/l	95
79) p-Ethyltoluene	7.088	105	352352	17.62	ug/l	95
80) 4-Chlorotoluene	7.154	91	229856	22.28	ug/l	94
81) n-Propylbenzene	7.022	91	450363	21.91	ug/l	92
82) Bromobenzene	6.986	77	233842	23.26	ug/l	88
83) 1,3,5-Trimethylbenzene	7.118	105	311993	22.44	ug/l	97
84) t-Butylbenzene	7.329	119	300290	22.63	ug/l	91
85) 1,2,4-Trimethylbenzene	7.353	105	337214	22.39	ug/l	89
86) sec-Butylbenzene	7.461	105	352977	22.06	ug/l	99
87) 4-Isopropyltoluene	7.539	119	297789	23.75	ug/l	95
88) n-Butylbenzene	7.798	91	301368	22.30	ug/l	94
89) p-Diethylbenzene	7.780	119	181528	20.19	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.273	119	298811	24.76	ug/l	96
91) 1,2-Dibromo-3-Chloropr...	8.339	157	24925	14.75	ug/l	71
92) Hexachlorobutadiene	8.959	225	60554	24.73	ug/l	99
93) 1,2,4-Trichlorobenzene	8.869	180	131218	23.39	ug/l	99
94) 1,2,3-Trichlorobenzene	9.193	180	122030	22.04	ug/l	98
95) Naphthalene	9.043	128	286455	20.58	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49906.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M49906.D
Acq On : 03/ 9/10 09:52
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : M,MEOH
Qt Meth : 2M_A0305.M
Qt On : 03709/10 10:04
Qt Upd On: 03/08/10 07:30
Time-->

FORM 3

Spike Recovery

Batch Number: MBS15159
Mbs Name: MBS15159
Ns Name: AC50059-001
Ms Name: AC50059-001(MS)
Msd Name: AC50059-001(MSD

Mbs File: 1M54688.D
Non Spk'd File: 1M54686.D
Spike File: 1M54696.D
Spike Dup File: 1M54690.D
Matrix: Soil
Method: EPA 8260B

Mbs Date: 03/03/10 08:36
Non Spk'd Date: 03/03/10 08:04
Spike Date : 03/03/10 10:45
Spike Dup Date: 03/03/10 09:08

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	9	1	0	50	6	117	53	24.77	0.00	27.23	30.11	50	54	60	10
1,1-Dichloroethene	22	1	0	50	8	114	53	25.87	0.00	31.08	28.55	52	62	57	8.5
1,1-Dichloroethane	25	1	0	50	14	127	44	33.86	0.00	38.45	36.50	68	77	73	5.2
Chloroform	32	1	0	50	26	119	39	39.65	0.00	44.32	42.49	79	89	85	4.2
1,2-Dichloroethane	36	1	0	50	18	130	37	37.44	0.00	41.52	38.78	75	83	78	6.8
2-Butanone	37	1	0	50	4	141	59	39.86	0.00	37.97	30.16	80	76	60	23
Carbon Tetrachloride	39	1	0	50	19	122	40	38.45	0.00	44.83	41.30	77	90	83	8.2
Trichloroethene	45	1	0	50	21	116	39	38.20	0.00	45.38	41.14	76	91	82	9.8
Benzene	46	1	0	50	21	122	38	42.85	0.00	49.49	46.56	86	99	93	6.1
Tetrachloroethene	58	1	0	50	18	116	37	35.10	0.00	43.88	37.10	70	88	74	17
Toluene	60	1	0	50	19	128	35	41.72	0.00	50.36	44.31	83	101	89	13
Chlorobenzene	62	1	0	50	21	117	37	32.51	0.00	43.90	37.04	65	88	74	17
1,4-Dichlorobenzene	73	1	0	50	20	110	41	32.01	0.00	40.97	30.56	64	82	61	29
1,2-Dichlorobenzene	74	1	0	50	19	113	42	34.05	0.00	40.59	31.28	68	81	63	26
n-Propylbenzene	81	1	0	50	16	122	42	37.04	0.00	43.82	34.79	74	88	70	23
sec-Butylbenzene	86	1	0	50	9	125	48	39.84	0.00	44.16	33.99	80	88	68	26

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54688.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/10 08:55
Acq On : 03/ 3/10 08:36 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.616	96	252550	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	199389	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.878	152	78106	30.00	ug/l	0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	69475	30.55	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.83%		
35) 1,2-Dichloroethane-d4	4.399	102	13395	32.49	ug/l	0.00
Spiked Amount 30.000			Recovery =	108.30%		
59) Toluene-d8	5.581	100	173253	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.50%		
67) Bromofluorobenzene	7.149	174	67057	28.96	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.53%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.398	51	151880	30.14	ug/l	1
6) Dichlorodifluoromethane	1.398	85	48583	16.49	ug/l	96
7) Chloromethane	1.515	50	79868	22.82	ug/l	96
8) Bromomethane	1.833	94	31363	23.17	ug/l	100
9) Vinyl Chloride	1.599	62	58793	24.77	ug/l	100
10) Chloroethane	1.917	64	33616	24.56	ug/l	96
11) Trichlorofluoromethane	2.102	101	183929	35.81	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.487	101	92946	35.15	ug/l	97
13) Methylene Chloride	2.832	84	94544	31.28	ug/l	93
14) Acrolein	2.398	56	43797	149.12	ug/l	95
15) Acrylonitrile	3.009	53	22396	33.73	ug/l	99
16) Iodomethane	2.605	142	144084	33.60	ug/l	70
17) Acetone	2.506	43	96207	182.29	ug/l	100
18) Carbon Disulfide	2.664	76	254695	31.96	ug/l	100
19) t-Butyl Alcohol	2.901	59	14735	203.17	ug/l	97
20) n-Hexane	3.275	57	142244	32.75	ug/l	93
21) Di-isopropyl-ether	3.433	45	375835	35.05	ug/l	89
22) 1,1-Dichloroethene	2.487	61	153295	25.87	ug/l	93
23) Methyl Acetate	2.753	43	54432	35.52	ug/l	100
24) Methyl-t-butyl ether	3.049	73	132445	33.07	ug/l	67
25) 1,1-Dichloroethane	3.384	63	214895	33.86	ug/l	97
26) trans-1,2-Dichloroethene	3.058	96	99682	34.36	ug/l	78
27) cis-1,2-Dichloroethene	3.847	61	213278	35.37	ug/l	94
28) Bromochloromethane	4.014	49	95048	32.66	ug/l	83
29) 2,2-Dichloropropane	3.847	77	133838	34.27	ug/l	91
30) 1,4-Dioxane	5.059	88	31842	2120.19	ug/l	77
31) 1,1-Dichloropropene	4.320	75	171630	33.68	ug/l	99
32) Chloroform	4.064	83	219899	39.65	ug/l	96
34) Cyclohexane	4.261	56	217880	33.84	ug/l	91
36) 1,2-Dichloroethane	4.448	62	166281	37.44	ug/l	96
37) 2-Butanone	3.837	43	35943	39.86	ug/l	81
38) 1,1,1-Trichloroethane	4.212	97	172256	37.49	ug/l	99
39) Carbon Tetrachloride	4.330	117	157469	38.45	ug/l	94
40) Vinyl Acetate	3.433	43	296283	31.70	ug/l	100
41) Bromodichloromethane	5.138	83	178960	40.04	ug/l	100
42) Methylcyclohexane	4.980	83	212955	37.51	ug/l	79
43) Dibromomethane	5.059	174	79042	40.24	ug/l	94
44) 1,2-Dichloropropane	4.980	63	123051	36.48	ug/l	88
45) Trichloroethene	4.852	130	131556	38.20	ug/l	98
46) Benzene	4.458	78	422207	42.85	ug/l	100
47) tert-Amyl methyl ether	4.517	73	125228	33.17	ug/l	77
49) Dibromochloromethane	6.094	129	119796	41.11	ug/l	98
50) 2-Chloroethylvinylether	5.306	63	42539	31.09	ug/l	95
51) cis-1,3-Dichloropropene	5.414	75	161279	33.27	ug/l	98
52) trans-1,3-Dichloropropene	5.729	75	131343	33.68	ug/l	96
53) 1,1,2-Trichloroethane	5.848	97	83758	39.25	ug/l	94
54) 1,2-Dibromoethane	6.183	107	84081	38.05	ug/l	99
55) 1,3-Dichloropropane	5.956	76	151271	36.09	ug/l	100
56) 4-Methyl-2-Pentanone	5.493	43	72458	35.01	ug/l	94
57) 2-Hexanone	5.976	43	48599	34.82	ug/l	97
58) Tetrachloroethene	5.966	164	128187	35.10	ug/l	99
60) Toluene	5.621	92	291304	41.72	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.508	133	79445	27.01	ug/l	98
62) Chlorobenzene	6.468	112	293095	32.51	ug/l	98
64) Bromoform	6.961	173	46793	34.61	ug/l	92
65) Ethylbenzene	6.518	106	85024	32.91	ug/l	95
66) 1,1,2,2-Tetrachloroethane	7.208	83	59386	35.78	ug/l	89
68) Styrene	6.833	104	212879	35.45	ug/l	79
69) m&p-Xylenes	6.587	106	271180	69.22	ug/l	92

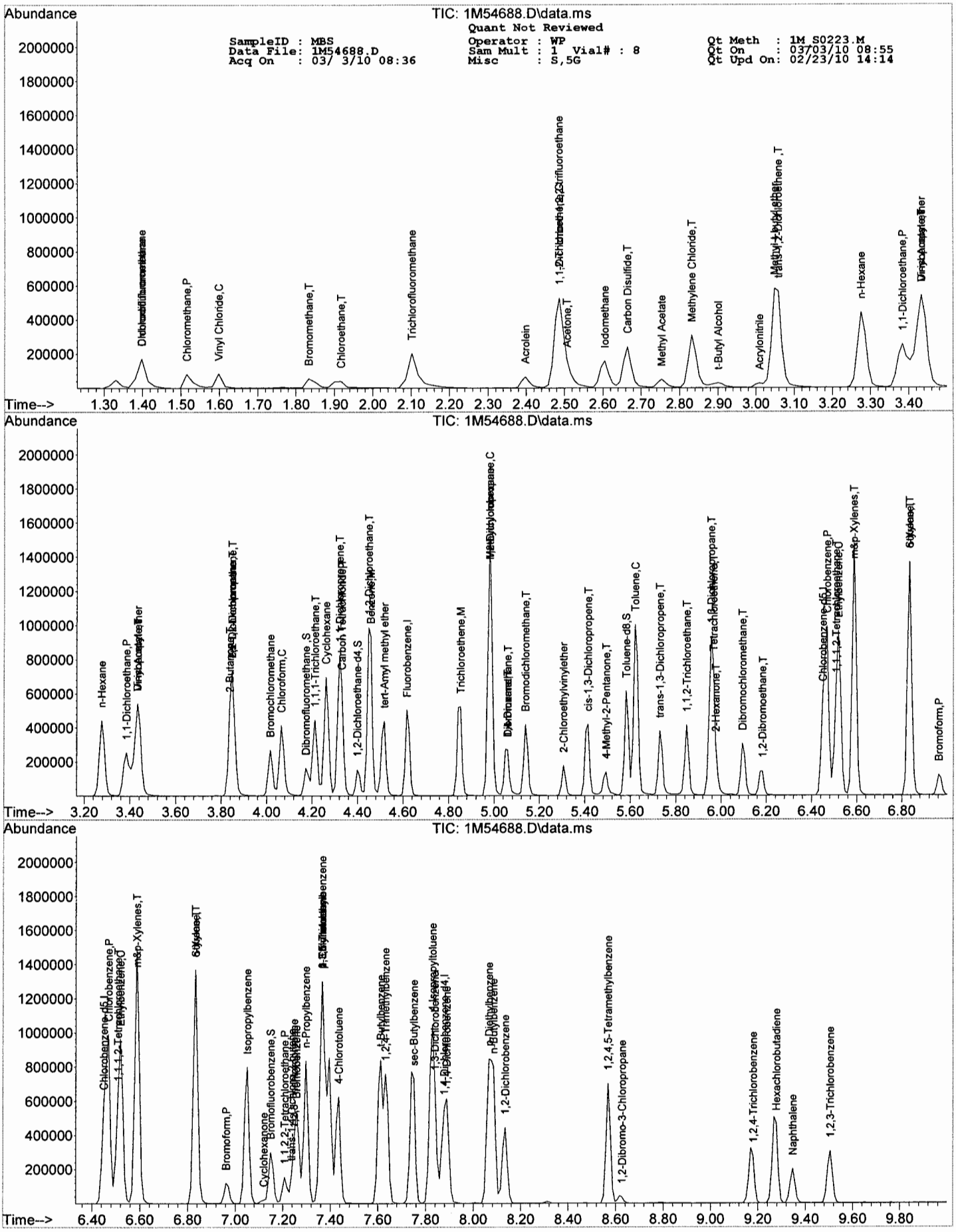
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54688.D Sam Mult : 1 Vial# : 8 Qt On : 03/03/10 08:55
Acq On : 03/ 3/10 08:36 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.833	106	139394	37.59	ug/l	88
71) trans-1,4-Dichloro-2-b...	7.237	53	21745	32.81	ug/l	85
72) 1,3-Dichlorobenzene	7.838	146	169621	33.65	ug/l	94
73) 1,4-Dichlorobenzene	7.888	146	157282	32.01	ug/l	91
74) 1,2-Dichlorobenzene	8.134	146	146680	34.05	ug/l	93
75) Isopropylbenzene	7.050	105	378168	37.51	ug/l	98
76) Cyclohexanone	7.119	55	8940	181.11	ug/l	97
77) 1,2,3-Trichloropropane	7.247	75	79764	36.10	ug/l	94
78) 2-Chlorotoluene	7.365	91	223552	36.30	ug/l	96
79) p-Ethyltoluene	7.365	105	345874	29.68	ug/l	100
80) 4-Chlorotoluene	7.434	91	217536	34.70	ug/l	98
81) n-Propylbenzene	7.296	91	467361	37.04	ug/l	98
82) Bromobenzene	7.257	77	221917	36.66	ug/l	85
83) 1,3,5-Trimethylbenzene	7.365	105	345874	38.86	ug/l	78
84) t-Butylbenzene	7.612	119	333910	40.26	ug/l	91
85) 1,2,4-Trimethylbenzene	7.631	105	326884	37.56	ug/l	96
86) sec-Butylbenzene	7.750	105	432356	39.84	ug/l	98
87) 4-Isopropyltoluene	7.829	119	341326	37.58	ug/l	95
88) n-Butylbenzene	8.085	91	402878	36.03	ug/l	99
89) p-Diethylbenzene	8.065	119	195017	33.84	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.568	119	296386	34.86	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.627	157	10416	31.54	ug/l	90
92) Hexachlorobutadiene	9.277	225	112900	36.23	ug/l	99
93) 1,2,4-Trichlorobenzene	9.179	180	94659	27.87	ug/l	97
94) 1,2,3-Trichlorobenzene	9.504	180	90226	28.86	ug/l	98
95) Naphthalene	9.346	128	131627	30.46	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : MBS
Data File: 1M54688.D
Acq On : 03/ 3/10 08:36
Operator : WP
Sam Mult : 1 Vial# : 8
Misc : S,5G
Qt Meth : 1M_S0223.M
Qt On : 03703/10 08:55
Qt Upd On: 02/23/10 14:14
Time-->
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Abundance
TIC: 1M54688.D\data.ms
Time-->
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane ,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
Bromoform,P
Abundance
TIC: 1M54688.D\data.ms
Time-->
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,3-Dichlorobenzene-d4,I
1,4-Dichlorobenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene

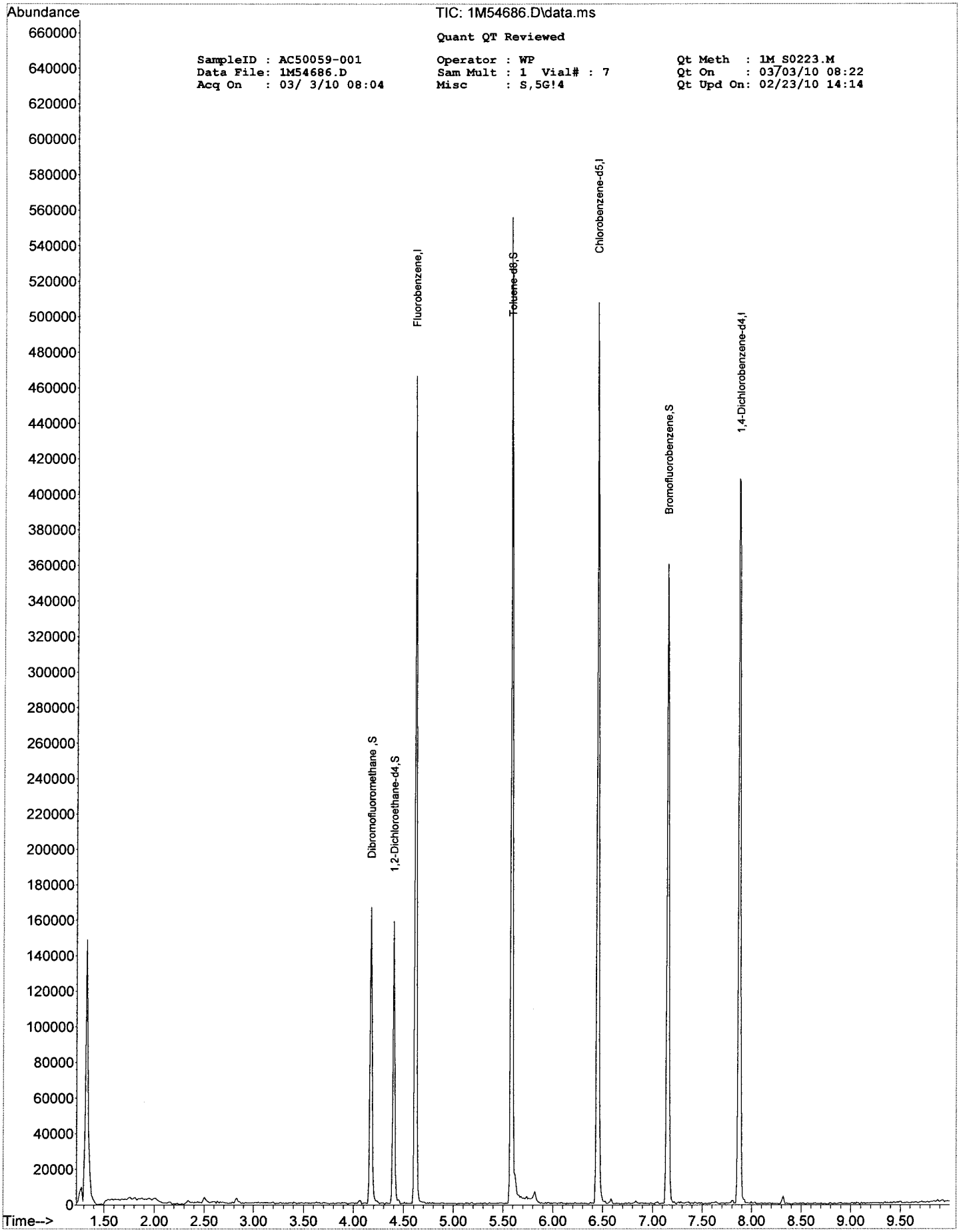
Quantitation Report (QT Reviewed)

SampleID : AC50059-001 Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54686.D Sam Mult : 1 Vial# : 7 Qt On : 03/03/10 08:22
Acq On : 03/ 3/10 08:04 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	221985	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	185099	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.878	152	102330	30.00	ug/l	0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	69691	34.86	ug/l	0.00
Spiked Amount 30.000			Recovery = 116.20%			
35) 1,2-Dichloroethane-d4	4.399	102	11920	32.89	ug/l	0.00
Spiked Amount 30.000			Recovery = 109.63%			
59) Toluene-d8	5.581	100	146959	26.45	ug/l	0.00
Spiked Amount 30.000			Recovery = 88.17%			
67) Bromofluorobenzene	7.148	174	86440	28.49	ug/l	0.00
Spiked Amount 30.000			Recovery = 94.97%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 1M54686.D\data.ms
Quant QT Reviewed
SampleID : AC50059-001
Data File: 1M54686.D
Acq On : 03/ 3/10 08:04
Operator : WP
Sam Mult : 1 Vial# : 7
Misc : S,5G!4
Qt Meth : 1M_S0223.M
Qt On : 03/03/10 08:22
Qt Upd On: 02/23/10 14:14
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC50059-001(MS) Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54696.D Sam Mult : 1 Vial# : 15 Qt On : 03/03/10 10:58
Acq On : 03/ 3/10 10:45 Misc : S,5G!7 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	259385	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	206337	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.877	152	123802	30.00	ug/l	0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	69555	29.78	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.27%		
35) 1,2-Dichloroethane-d4	4.398	102	12833	30.31	ug/l	0.00
Spiked Amount 30.000			Recovery =	101.03%		
59) Toluene-d8	5.581	100	176869	28.56	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.20%		
67) Bromofluorobenzene	7.158	174	105701	28.80	ug/l	0.01
Spiked Amount 30.000			Recovery =	96.00%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.397	51	252870	48.85	ug/l	1
6) Dichlorodifluoromethane	1.380	85	103295	34.14	ug/l	91
7) Chloromethane	1.514	50	94087	26.18	ug/l	97
8) Bromomethane	1.832	94	39911	28.71	ug/l	99
9) Vinyl Chloride	1.598	62	66389	27.23	ug/l	95
10) Chloroethane	1.899	64	41570	29.58	ug/l	96
11) Trichlorofluoromethane	2.100	101	218678	41.45	ug/l	95
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	116453	42.88	ug/l	95
13) Methylene Chloride	2.831	84	108652	35.00	ug/l	99
14) Acrolein	2.397	56	35834	118.79	ug/l	97
15) Acrylonitrile	3.008	53	19495	28.58	ug/l	97
16) Iodomethane	2.594	142	165600	37.60	ug/l	73
17) Acetone	2.506	43	102969	192.07	ug/l	99
18) Carbon Disulfide	2.663	76	334111	40.82	ug/l	100
19) t-Butyl Alcohol	2.900	59	12827	172.20	ug/l	86
20) n-Hexane	3.275	57	178751	40.07	ug/l	93
21) Di-isopropyl-ether	3.432	45	427317	38.80	ug/l	91
22) 1,1-Dichloroethene	2.476	61	189150	31.08	ug/l	88
23) Methyl Acetate	2.752	43	62143	39.48	ug/l	100
24) Methyl-t-butyl ether	3.048	73	149153	36.26	ug/l	68
25) 1,1-Dichloroethane	3.383	63	250628	38.45	ug/l	99
26) trans-1,2-Dichloroethene	3.048	96	118122	39.64	ug/l	83
27) cis-1,2-Dichloroethene	3.836	61	245225	39.59	ug/l	92
28) Bromochloromethane	4.014	49	108131	36.18	ug/l	82
29) 2,2-Dichloropropane	3.846	77	164665	41.06	ug/l	94
30) 1,4-Dioxane	5.058	88	33703	2184.97	ug/l	82
31) 1,1-Dichloropropene	4.319	75	207064	39.56	ug/l	96
32) Chloroform	4.063	83	252431	44.32	ug/l	100
34) Cyclohexane	4.260	56	273801	41.41	ug/l	92
36) 1,2-Dichloroethane	4.447	62	189414	41.52	ug/l	99
37) 2-Butanone	3.846	43	35158	37.97	ug/l	88
38) 1,1,1-Trichloroethane	4.211	97	203656	43.15	ug/l	100
39) Carbon Tetrachloride	4.329	117	188551	44.83	ug/l	91
40) Vinyl Acetate	3.432	43	262571	27.35	ug/l	100
41) Bromodichloromethane	5.137	83	203019	44.22	ug/l	95
42) Methylcyclohexane	4.980	83	251711	43.17	ug/l	80
43) Dibromomethane	5.058	174	89413	44.32	ug/l	95
44) 1,2-Dichloropropane	4.980	63	141978	40.98	ug/l	89
45) Trichloroethene	4.851	130	160477	45.38	ug/l	97
46) Benzene	4.457	78	500869	49.49	ug/l	100
47) tert-Amyl methyl ether	4.516	73	135824	35.03	ug/l	77
49) Dibromochloromethane	6.093	129	133362	44.23	ug/l	99
50) 2-Chloroethylvinylether	5.305	63	45455	32.10	ug/l	90
51) cis-1,3-Dichloropropene	5.413	75	196684	39.20	ug/l	98
52) trans-1,3-Dichloropropene	5.729	75	161493	40.02	ug/l	98
53) 1,1,2-Trichloroethane	5.847	97	95316	43.16	ug/l	94
54) 1,2-Dibromoethane	6.182	107	96649	42.27	ug/l	99
55) 1,3-Dichloropropane	5.955	76	175073	40.36	ug/l	100
56) 4-Methyl-2-Pentanone	5.492	43	70721	33.02	ug/l	91
57) 2-Hexanone	5.985	43	44044	30.49	ug/l	100
58) Tetrachloroethene	5.965	164	165802	43.88	ug/l	98
60) Toluene	5.620	92	363892	50.36	ug/l	95
61) 1,1,1,2-Tetrachloroethane	6.507	133	142887	46.94	ug/l	96
62) Chlorobenzene	6.468	112	409506	43.90	ug/l	99
64) Bromoform	6.970	173	81064	37.83	ug/l	97
65) Ethylbenzene	6.527	106	157120	38.37	ug/l	98
66) 1,1,2,2-Tetrachloroethane	7.207	83	90839	34.52	ug/l	91
68) Styrene	6.832	104	407138	42.77	ug/l	88
69) m&p-Xylenes	6.586	106	526727	84.83	ug/l	96

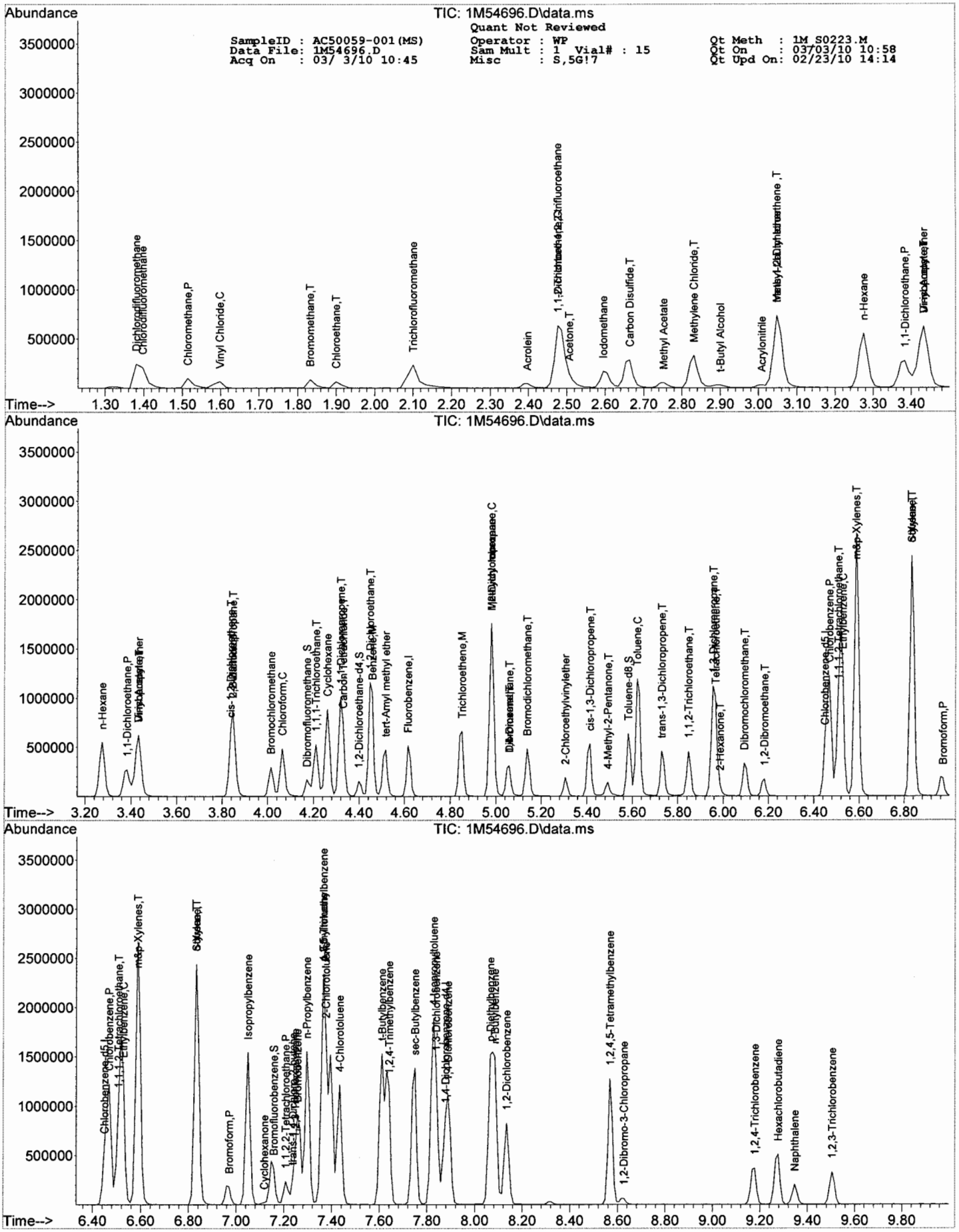
Quantitation Report (Not Reviewed)

SampleID : AC50059-001(MS) Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54696.D Sam Mult : 1 Vial# : 15 Qt On : 03/03/10 10:58
Acq On : 03/ 3/10 10:45 Misc : S,5G!7 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70)	o-Xylene	6.832	106	255774	43.51	ug/l	86
71)	trans-1,4-Dichloro-2-b...	7.237	53	38758	36.90	ug/l	72
72)	1,3-Dichlorobenzene	7.838	146	330892	41.42	ug/l	95
73)	1,4-Dichlorobenzene	7.887	146	319085	40.97	ug/l	96
74)	1,2-Dichlorobenzene	8.133	146	277154	40.59	ug/l	96
75)	Isopropylbenzene	7.049	105	704152	44.06	ug/l	98
76)	Cyclohexanone	7.118	55	9120	116.56	ug/l	94
77)	1,2,3-Trichloropropane	7.246	75	128423	36.67	ug/l	95
78)	2-Chlorotoluene	7.375	91	389293	40.04	ug/l	98
79)	p-Ethyltoluene	7.365	105	783461	42.41	ug/l	99
80)	4-Chlorotoluene	7.434	91	424296	42.71	ug/l	97
81)	n-Propylbenzene	7.296	91	876541	43.82	ug/l	95
82)	Bromobenzene	7.256	77	387130	40.34	ug/l	91
83)	1,3,5-Trimethylbenzene	7.365	105	783461	55.53	ug/l	69
84)	t-Butylbenzene	7.611	119	594087	45.19	ug/l	92
85)	1,2,4-Trimethylbenzene	7.641	105	618089	44.81	ug/l	97
86)	sec-Butylbenzene	7.749	105	759507	44.16	ug/l	100
87)	4-Isopropyltoluene	7.828	119	606112	42.10	ug/l	95
88)	n-Butylbenzene	8.084	91	710986	40.12	ug/l	98
89)	p-Diethylbenzene	8.064	119	360184	39.43	ug/l	97
90)	1,2,4,5-Tetramethylben...	8.567	119	556622	41.30	ug/l	99
91)	1,2-Dibromo-3-Chloropr...	8.626	157	15638	29.88	ug/l	87
92)	Hexachlorobutadiene	9.277	225	110360	22.34	ug/l	96
93)	1,2,4-Trichlorobenzene	9.178	180	114115	21.20	ug/l	98
94)	1,2,3-Trichlorobenzene	9.503	180	95560	19.29	ug/l	96
95)	Naphthalene	9.346	128	133032	19.42	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant Not Reviewed
SampleID : AC50059-001(MS)
Data File: 1M54696.D
Acq On : 03/ 3/10 10:45
Operator : WP
Sam Mult : 1 Vial# : 15
Misc : S,5G!7
Qt Meth : 1M_S0223.M
Qt On : 03703/10 10:58
Qt Upd On: 02/23/10 14:14
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->
Abundance
TIC: 1M54696.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5
Bromoform,P
Time-->
Abundance
TIC: 1M54696.D\data.ms
Chlorobenzene-d5
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
1,3,5-Trimethylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
p-Diethylbenzene
1,2-Dichlorobenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC50059-001(MSD) Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54690.D Sam Mult : 1 Vial# : 10 Qt On : 03/03/10 09:27
Acq On : 03/ 3/10 09:08 Misc : S,5G!6 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.616	96	256961	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	210659	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.878	152	126555	30.00	ug/l	0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	72307	31.25	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.17%		
35) 1,2-Dichloroethane-d4	4.399	102	12684	30.24	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.80%		
59) Toluene-d8	5.582	100	181966	28.78	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.93%		
67) Bromofluorobenzene	7.149	174	109365	29.15	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.17%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.393	51	177739	34.66	ug/l	1
6) Dichlorodifluoromethane	1.393	85	57594	19.21	ug/l	95
7) Chloromethane	1.510	50	92832	26.07	ug/l	100
8) Bromomethane	1.846	94	31838	23.11	ug/l	99
9) Vinyl Chloride	1.594	62	72720	30.11	ug/l	94
10) Chloroethane	1.913	64	38829	27.89	ug/l	95
11) Trichlorofluoromethane	2.097	101	193789	37.08	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.477	101	103454	38.46	ug/l	97
13) Methylene Chloride	2.832	84	102950	33.47	ug/l	99
15) Acrylonitrile	3.009	53	22533	33.35	ug/l	97
16) Iodomethane	2.605	142	147776	33.87	ug/l	72
17) Acetone	2.507	43	96752	179.59	ug/l	96
18) Carbon Disulfide	2.664	76	296936	36.62	ug/l	100
19) t-Butyl Alcohol	2.901	59	13950	189.05	ug/l	91
20) n-Hexane	3.275	57	132860	30.07	ug/l	94
21) Di-isopropyl-ether	3.433	45	391427	35.87	ug/l	91
22) 1,1-Dichloroethene	2.487	61	172107	28.55	ug/l	97
23) Methyl Acetate	2.753	43	35661	22.87	ug/l	100
24) Methyl-t-butyl ether	3.049	73	134478	33.00	ug/l	66
25) 1,1-Dichloroethane	3.384	63	235732	36.50	ug/l	100
26) trans-1,2-Dichloroethene	3.049	96	110189	37.33	ug/l	88
27) cis-1,2-Dichloroethene	3.837	61	225445	36.74	ug/l	91
28) Bromochloromethane	4.015	49	101979	34.44	ug/l	82
29) 2,2-Dichloropropane	3.847	77	136724	34.41	ug/l	93
30) 1,4-Dioxane	5.059	88	34491	2257.15	ug/l	73
31) 1,1-Dichloropropene	4.320	75	193646	37.34	ug/l	97
32) Chloroform	4.064	83	239750	42.49	ug/l	97
34) Cyclohexane	4.261	56	232923	35.56	ug/l	91
36) 1,2-Dichloroethane	4.448	62	175266	38.78	ug/l	97
37) 2-Butanone	3.847	43	27671	30.16	ug/l	93
38) 1,1,1-Trichloroethane	4.212	97	192129	41.09	ug/l	100
39) Carbon Tetrachloride	4.330	117	172090	41.30	ug/l	90
40) Vinyl Acetate	3.433	43	201620	21.20	ug/l	100
41) Bromodichloromethane	5.138	83	186002	40.90	ug/l	91
42) Methylcyclohexane	4.980	83	201500	34.88	ug/l	81
43) Dibromomethane	5.059	174	83030	41.54	ug/l	94
44) 1,2-Dichloropropane	4.980	63	132344	38.56	ug/l	88
45) Trichloroethene	4.852	130	144144	41.14	ug/l	98
46) Benzene	4.448	78	466782	46.56	ug/l	100
47) tert-Amyl methyl ether	4.517	73	129078	33.61	ug/l	76
49) Dibromochloromethane	6.094	129	122670	39.85	ug/l	98
50) 2-Chloroethylvinylether	5.306	63	41115	28.44	ug/l	91
51) cis-1,3-Dichloropropene	5.414	75	163153	31.85	ug/l	99
52) trans-1,3-Dichloropropene	5.729	75	143172	34.75	ug/l	96
53) 1,1,2-Trichloroethane	5.848	97	87747	38.92	ug/l	97
54) 1,2-Dibromoethane	6.173	107	86381	37.00	ug/l	92
55) 1,3-Dichloropropane	5.946	76	161685	36.51	ug/l	97
56) 4-Methyl-2-Pentanone	5.493	43	34084	15.59	ug/l	99
57) 2-Hexanone	5.976	43	13167	8.93	ug/l	92
58) Tetrachloroethene	5.966	164	143141	37.10	ug/l	99
60) Toluene	5.621	92	326880	44.31	ug/l	100
61) 1,1,1,2-Tetrachloroethane	6.508	133	126944	40.85	ug/l	96
62) Chlorobenzene	6.469	112	352807	37.04	ug/l	99
64) Bromoform	6.961	173	73123	33.38	ug/l	96
65) Ethylbenzene	6.518	106	137152	32.77	ug/l	95
66) 1,1,2,2-Tetrachloroethane	7.208	83	86035	31.99	ug/l	91
68) Styrene	6.833	104	332629	34.18	ug/l	88
69) m&p-Xylenes	6.587	106	450529	70.98	ug/l	96
70) o-Xylene	6.833	106	223433	37.18	ug/l	90

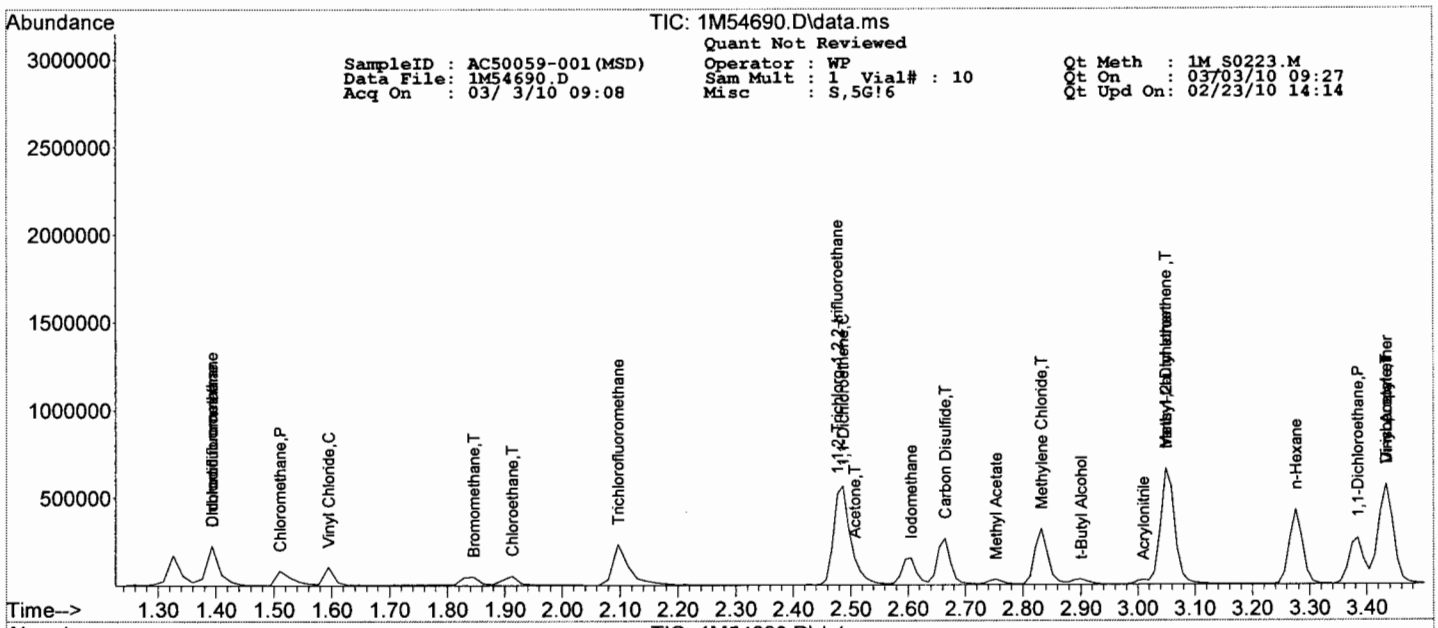
Quantitation Report (Not Reviewed)

SampleID : AC50059-001(MSD) Operator : WP Qt Meth : 1M_S0223.M
Data File: 1M54690.D Sam Mult : 1 Vial# : 10 Qt On : 03/03/10 09:27
Acq On : 03/ 3/10 09:08 Misc : S,5G!6 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-03-10\
Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) trans-1,4-Dichloro-2-b...	7.237	53	32996	30.73	ug/l	75
72) 1,3-Dichlorobenzene	7.839	146	262554	32.15	ug/l	96
73) 1,4-Dichlorobenzene	7.888	146	243321	30.56	ug/l	94
74) 1,2-Dichlorobenzene	8.134	146	218377	31.28	ug/l	96
75) Isopropylbenzene	7.050	105	591361	36.20	ug/l	98
76) Cyclohexanone	7.109	55	8202	102.55	ug/l	98
77) 1,2,3-Trichloropropane	7.247	75	112819	31.52	ug/l	99
78) 2-Chlorotoluene	7.366	91	325312	32.48	ug/l	97
79) p-Ethyltoluene	7.366	105	541648	28.68	ug/l	99
80) 4-Chlorotoluene	7.435	91	319104	31.42	ug/l	99
81) n-Propylbenzene	7.297	91	711370	34.79	ug/l	95
82) Bromobenzene	7.257	77	327042	33.34	ug/l	90
83) 1,3,5-Trimethylbenzene	7.366	105	541648	37.56	ug/l	77
84) t-Butylbenzene	7.612	119	485446	36.12	ug/l	93
85) 1,2,4-Trimethylbenzene	7.632	105	495276	35.12	ug/l	97
86) sec-Butylbenzene	7.740	105	597663	33.99	ug/l	99
87) 4-Isopropyltoluene	7.829	119	477931	32.47	ug/l	96
88) n-Butylbenzene	8.085	91	517014	28.54	ug/l	98
89) p-Diethylbenzene	8.065	119	262744	28.14	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.568	119	396410	28.77	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.627	157	10008	18.70	ug/l	79
92) Hexachlorobutadiene	9.278	225	71863	14.23	ug/l	98
93) 1,2,4-Trichlorobenzene	9.179	180	75707	13.76	ug/l	99
94) 1,2,3-Trichlorobenzene	9.504	180	64303	12.70	ug/l	96
95) Naphthalene	9.347	128	100768	14.39	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed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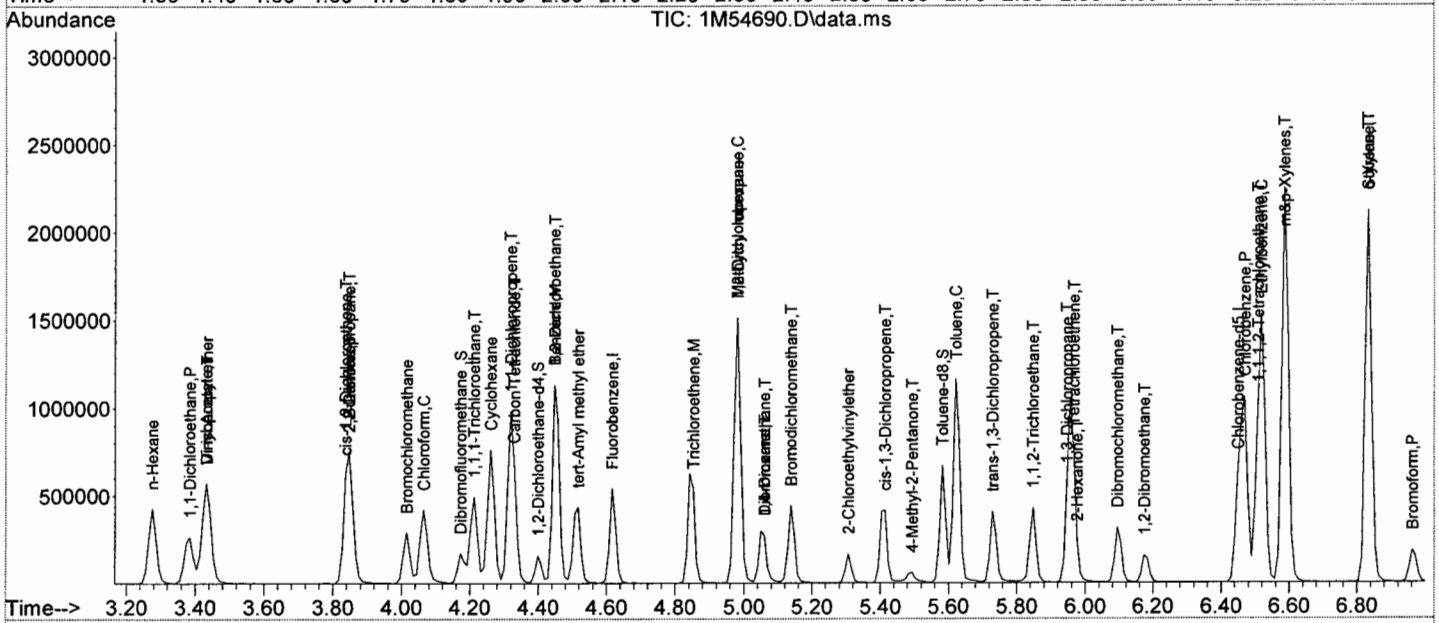
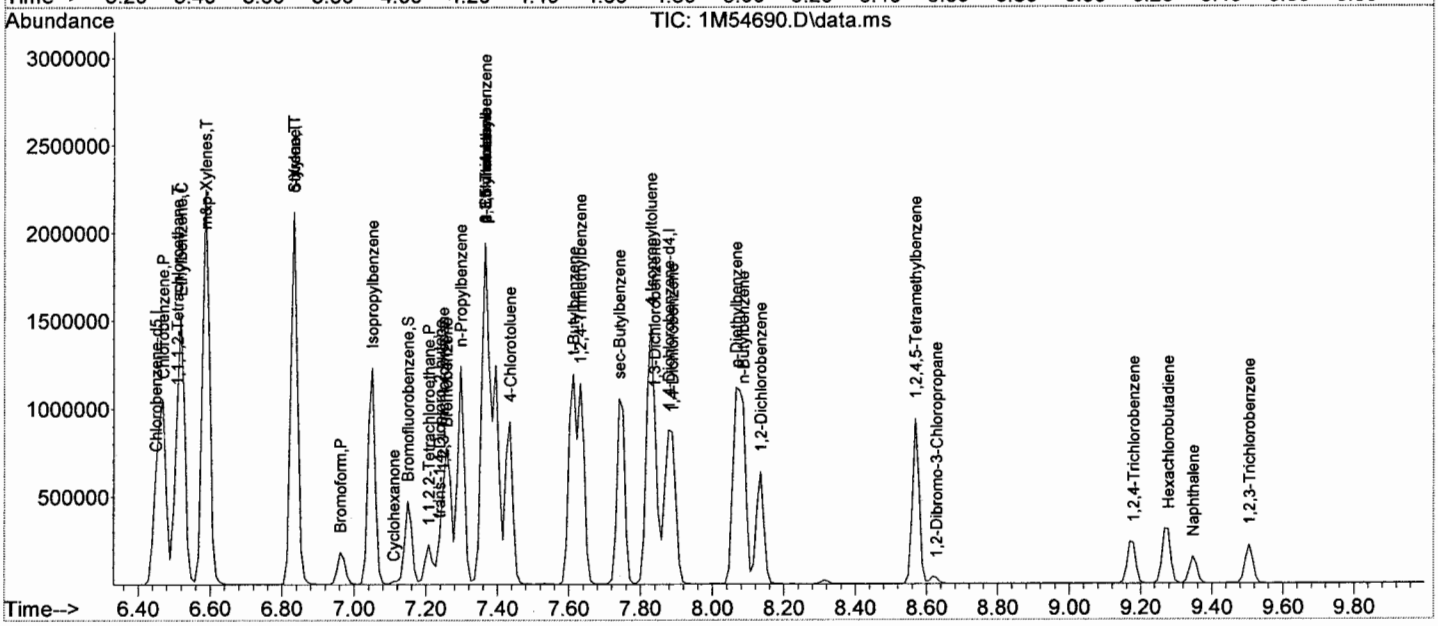
Quant Not Reviewed
SampleID : AC50059-001(MSD)
Data File: 1M54690.D
Acq On : 03/ 3/10 09:08
Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5G!6
Qt Meth : 1M_S0223.M
Qt On : 03/03/10 09:27
Qt Upd On: 02/23/10 14:14
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
Acrylonitrile
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 1M54690.D\data.ms
n-Hexane
1,1-Dichloroethane,P
Bromochloromethane
Chloroform,C
Dibromofluoromethane,S
1,1,1-Trichloroethane,T
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Time-->


Abundance
TIC: 1M54690.D\data.ms
Chlorobenzene-d5,I
Chlorobenzene,P
m&p-Xylenes,T
Bromoform,P
Isopropylbenzene
Cyclohexanone
Bromofluorobenzene,S
n-Propylbenzene
4-Chlorotoluene
sec-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

FORM 3

Spike Recovery

Batch Number: MBS15207
Mbs Name: MBS15207
Ns Name: AC50133-003
Ms Name: AC50133-003(MS)
Msd Name: AC50133-003(MSD

Mbs File: 2M49852.D
Non Spk'd File: 2M49822.D
Spike File: 2M49873.D
Spike Dup File: 2M49874.D
Matrix: Methanol
Method: EPA 8260B

Mbs Date: 03/08/10 12:03
Non Spk'd Date: 03/05/10 23:20
Spike Date : 03/08/10 17:57
Spike Dup Date: 03/08/10 18:13

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Vinyl Chloride	9	1	0	20	15	160	44	21.69	0.00	21.03	20.60	108	105	103	2.1
1,1-Dichloroethene	22	1	0	20	17	114	28	15.82	0.00	15.19	15.02	79	76	75	1.1
1,1-Dichloroethane	25	1	0	20	37	126	28	19.76	0.00	19.57	19.13	99	98	96	2.3
Chloroform	32	1	0	20	41	129	22	20.09	0.00	19.83	19.67	100	99	98	0.81
1,2-Dichloroethane	36	1	0	20	38	130	22	21.00	0.00	20.13	19.41	105	101	97	3.6
2-Butanone	37	1	0	20	23	146	43	23.55	0.00	23.20	23.38	118	116	117	0.77
Carbon Tetrachloride	39	1	0	20	32	137	25	20.67	0.00	19.64	18.60	103	98	93	5.4
Trichloroethene	45	1	0	20	44	134	21	19.05	0.00	18.73	19.07	95	94	95	1.8
Benzene	46	1	0	20	44	138	24	22.03	0.00	21.35	20.75	110	107	104	2.9
Tetrachloroethene	58	1	0	20	48	133	24	21.28	0.00	21.51	20.79	106	108	104	3.4
Toluene	60	1	0	20	41	140	25	21.32	0.00	22.39	21.66	107	112	108	3.3
Chlorobenzene	62	1	0	20	52	127	17	20.61	0.00	21.51	20.74	103	108	104	3.6
1,4-Dichlorobenzene	73	1	0	20	52	120	19	20.11	0.00	19.48	19.72	101	97	99	1.2
1,2-Dichlorobenzene	74	1	0	20	51	127	20	20.76	0.00	20.72	20.37	104	104	102	1.7
n-Propylbenzene	81	1	0	20	49	135	22	22.14	0.00	23.07	23.21	111	115	116	0.61
sec-Butylbenzene	86	1	0	20	46	126	21	21.82	0.00	23.58	22.91	109	118	115	2.9

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49852.D Sam Mult : 1 Vial# : 24 Qt On : 03/08/10 12:50
Acq On : 03/ 8/10 12:03 Misc : M,MEOH Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	399455	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	351747	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.593	152	217004	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	99504	28.93	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.43%		
35) 1,2-Dichloroethane-d4	4.170	102	24466	27.72	ug/l	0.00
Spiked Amount 30.000			Recovery =	92.40%		
59) Toluene-d8	5.331	100	275199	28.88	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.27%		
67) Bromofluorobenzene	6.883	174	201485	30.85	ug/l	0.00
Spiked Amount 30.000			Recovery =	102.83%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.258	51	95890	14.89	ug/l	52
6) Dichlorodifluoromethane	1.241	85	38905	12.36	ug/l	93
7) Chloromethane	1.374	50	75450	17.27	ug/l	94
8) Bromomethane	1.624	94	11844	5.69	ug/l	90
9) Vinyl Chloride	1.424	62	73410	21.69	ug/l	99
10) Chloroethane	1.674	64	11584	6.66	ug/l	96
11) Trichlorofluoromethane	1.840	101	30657	6.68	ug/l	95
12) 1,1,2-Trichloro-1,2,2-...	2.202	101	67198	20.04	ug/l	96
13) Methylene Chloride	2.577	84	83009	18.97	ug/l	87
14) Acrolein	2.182	56	72161	89.21	ug/l	99
15) Acrylonitrile	2.784	53	34026	19.50	ug/l	100
16) Iodomethane	2.340	142	92800	13.31	ug/l	97
17) Acetone	2.301	43	137635	68.93	ug/l	89
18) Carbon Disulfide	2.380	76	153717	19.86	ug/l	100
19) t-Butyl Alcohol	2.616	59	1095	2.29	ug/l	63
20) n-Hexane	2.961	57	91365	23.32	ug/l	90
21) Di-isopropyl-ether	3.139	45	356799	21.61	ug/l	87
22) 1,1-Dichloroethene	2.212	61	94485	15.82	ug/l	95
23) Methyl Acetate	2.518	43	95415	23.13	ug/l	100
24) Methyl-t-butyl ether	2.784	73	229892	21.05	ug/l	91
25) 1,1-Dichloroethane	3.099	63	146964	19.76	ug/l	96
26) trans-1,2-Dichloroethene	2.774	96	70966	19.16	ug/l	78
27) cis-1,2-Dichloroethene	3.563	61	139788	20.74	ug/l	98
28) Bromochloromethane	3.755	49	70624	21.27	ug/l	75
29) 2,2-Dichloropropane	3.557	77	113304	26.91	ug/l	90
30) 1,4-Dioxane	4.844	88	54061	985.85	ug/l	92
31) 1,1-Dichloropropene	4.062	75	101481	21.12	ug/l	93
32) Chloroform	3.810	83	120631	20.09	ug/l	97
34) Cyclohexane	3.984	56	133859	21.79	ug/l	95
36) 1,2-Dichloroethane	4.219	62	105640	21.00	ug/l	99
37) 2-Butanone	3.593	43	55998	23.55	ug/l	99
38) 1,1,1-Trichloroethane	3.948	97	92958	19.91	ug/l	99
39) Carbon Tetrachloride	4.062	117	78443	20.67	ug/l	91
40) Vinyl Acetate	3.139	43	311677	19.18	ug/l	100
41) Bromodichloromethane	4.904	83	99600	19.38	ug/l	94
42) Methylcyclohexane	4.718	83	109964	21.92	ug/l	93
43) Dibromomethane	4.820	174	77769	19.32	ug/l	96
44) 1,2-Dichloropropane	4.742	63	104146	22.89	ug/l	92
45) Trichloroethene	4.604	130	84884	19.05	ug/l	95
46) Benzene	4.207	78	313973	22.03	ug/l	100
47) tert-Amyl methyl ether	4.273	73	203879	19.20	ug/l	84
49) Dibromochloromethane	5.849	129	85547	17.05	ug/l	96
50) 2-Chloroethylvinylether	5.073	63	62750	16.62	ug/l	96
51) cis-1,3-Dichloropropene	5.169	75	136252	19.37	ug/l	98
52) trans-1,3-Dichloropropene	5.494	75	121488	19.12	ug/l	96
53) 1,1,2-Trichloroethane	5.608	97	81683	20.07	ug/l	88
54) 1,2-Dibromoethane	5.927	107	87156	18.24	ug/l	83
55) 1,3-Dichloropropane	5.710	76	152904	22.16	ug/l	92
56) 4-Methyl-2-Pentanone	5.259	43	103040	15.66	ug/l	93
57) 2-Hexanone	5.747	43	70937	15.66	ug/l	95
58) Tetrachloroethene	5.692	164	91980	21.28	ug/l	97
60) Toluene	5.368	92	213248	21.32	ug/l	93
61) 1,1,1,2-Tetrachloroethane	6.252	133	81940	21.46	ug/l	87
62) Chlorobenzene	6.204	112	246653	20.61	ug/l	100
64) Bromoform	6.703	173	67584	12.30	ug/l	90
65) Ethylbenzene	6.258	106	106416	21.18	ug/l	95
66) 1,1,2,2-Tetrachloroethane	6.956	83	95143	17.53	ug/l	85
68) Styrene	6.571	104	261420	21.25	ug/l	86
69) m&p-Xylenes	6.324	106	305116	42.11	ug/l	80

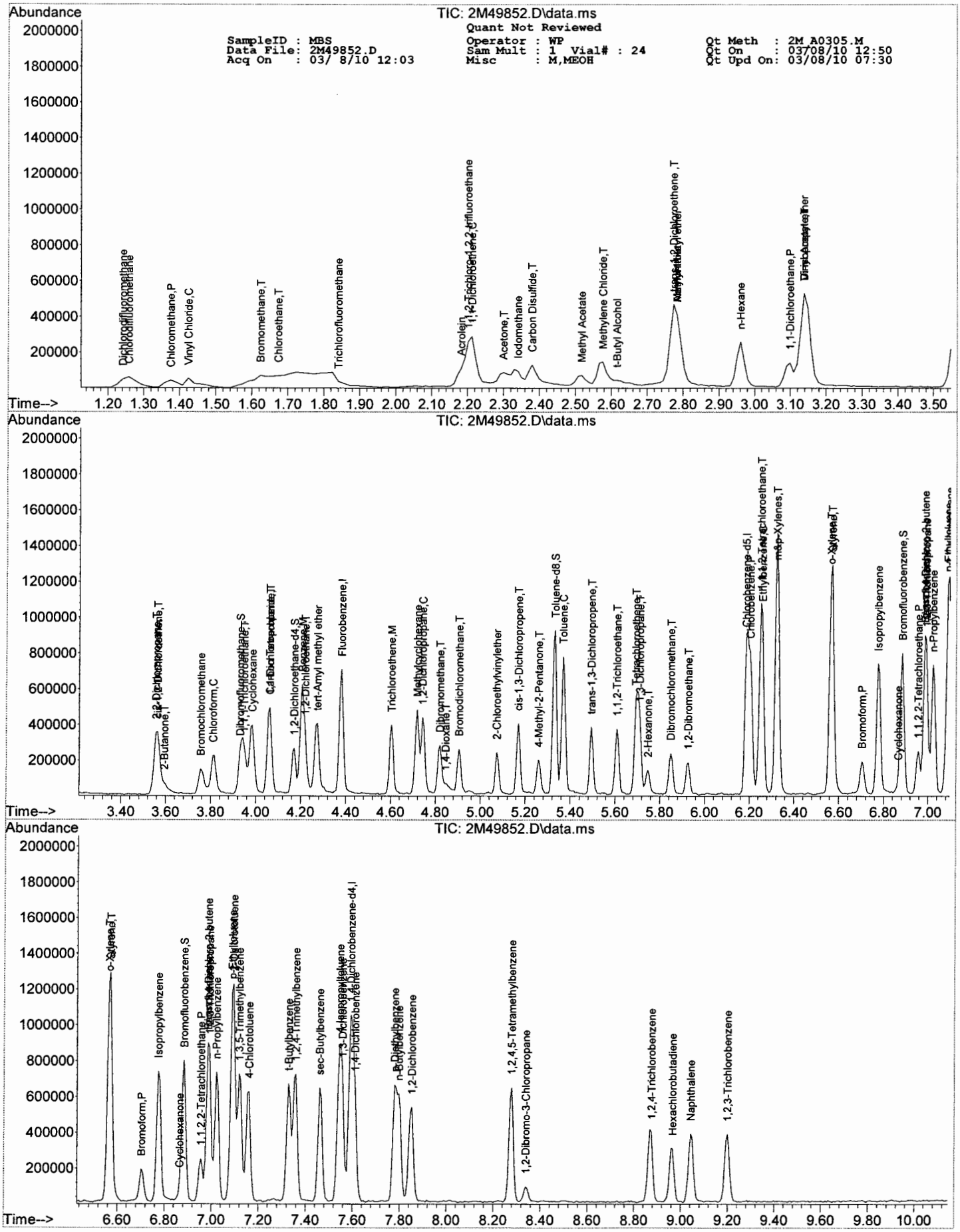
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49852.D Sam Mult : 1 Vial# : 24 Qt On : 03/08/10 12:50
Acq On : 03/ 8/10 12:03 Misc : M,MEOH Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.565	106	152105	21.30	ug/l	99
71) trans-1,4-Dichloro-2-b...	6.986	53	27494	17.35	ug/l	72
72) 1,3-Dichlorobenzene	7.557	146	206867	21.99	ug/l	96
73) 1,4-Dichlorobenzene	7.611	146	210666	20.11	ug/l	98
74) 1,2-Dichlorobenzene	7.852	146	201167	20.76	ug/l	95
75) Isopropylbenzene	6.775	105	367951	21.37	ug/l	95
76) Cyclohexanone	6.865	55	17892	72.90	ug/l	92
77) 1,2,3-Trichloropropane	6.992	75	125839	19.59	ug/l	94
78) 2-Chlorotoluene	7.094	91	230720	22.04	ug/l	95
79) p-Ethyltoluene	7.088	105	349378	18.27	ug/l	97
80) 4-Chlorotoluene	7.160	91	216128	21.91	ug/l	93
81) n-Propylbenzene	7.022	91	435252	22.14	ug/l	96
82) Bromobenzene	6.986	77	219019	22.78	ug/l	90
83) 1,3,5-Trimethylbenzene	7.118	105	290997	21.88	ug/l	98
84) t-Butylbenzene	7.329	119	284763	22.44	ug/l	94
85) 1,2,4-Trimethylbenzene	7.359	105	320129	22.23	ug/l	89
86) sec-Butylbenzene	7.461	105	333899	21.82	ug/l	98
87) 4-Isopropyltoluene	7.545	119	279462	23.31	ug/l	94
88) n-Butylbenzene	7.798	91	284170	21.99	ug/l	89
89) p-Diethylbenzene	7.780	119	171924	19.99	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.279	119	283507	24.56	ug/l	93
91) 1,2-Dibromo-3-Chloropr...	8.339	157	22038	13.64	ug/l	78
92) Hexachlorobutadiene	8.965	225	60323	25.76	ug/l	96
93) 1,2,4-Trichlorobenzene	8.874	180	126362	23.56	ug/l	97
94) 1,2,3-Trichlorobenzene	9.199	180	119028	22.48	ug/l	96
95) Naphthalene	9.043	128	270882	20.35	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49852.D\data.ms
Quant Not Reviewed
SampleID : MBS
Data File: 2M49852.D
Acq On : 03/ 8/10 12:03
Operator : WP
Sam Mult : 1 Vial# : 24
Misc : M,MEOH
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 12:50
Qt Upd On: 03/08/10 07:30
Dichlorodifluoromethane
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
t-Butyl Alcohol
n-Hexane
1,1-Dichloroethane,P
Time-->

Abundance
TIC: 2M49852.D\data.ms
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
1,4-Dioxane,T
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
Ethylbenzene,C
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
Time-->

Abundance
TIC: 2M49852.D\data.ms
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,4-Dichlorobenzene-d4,I
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

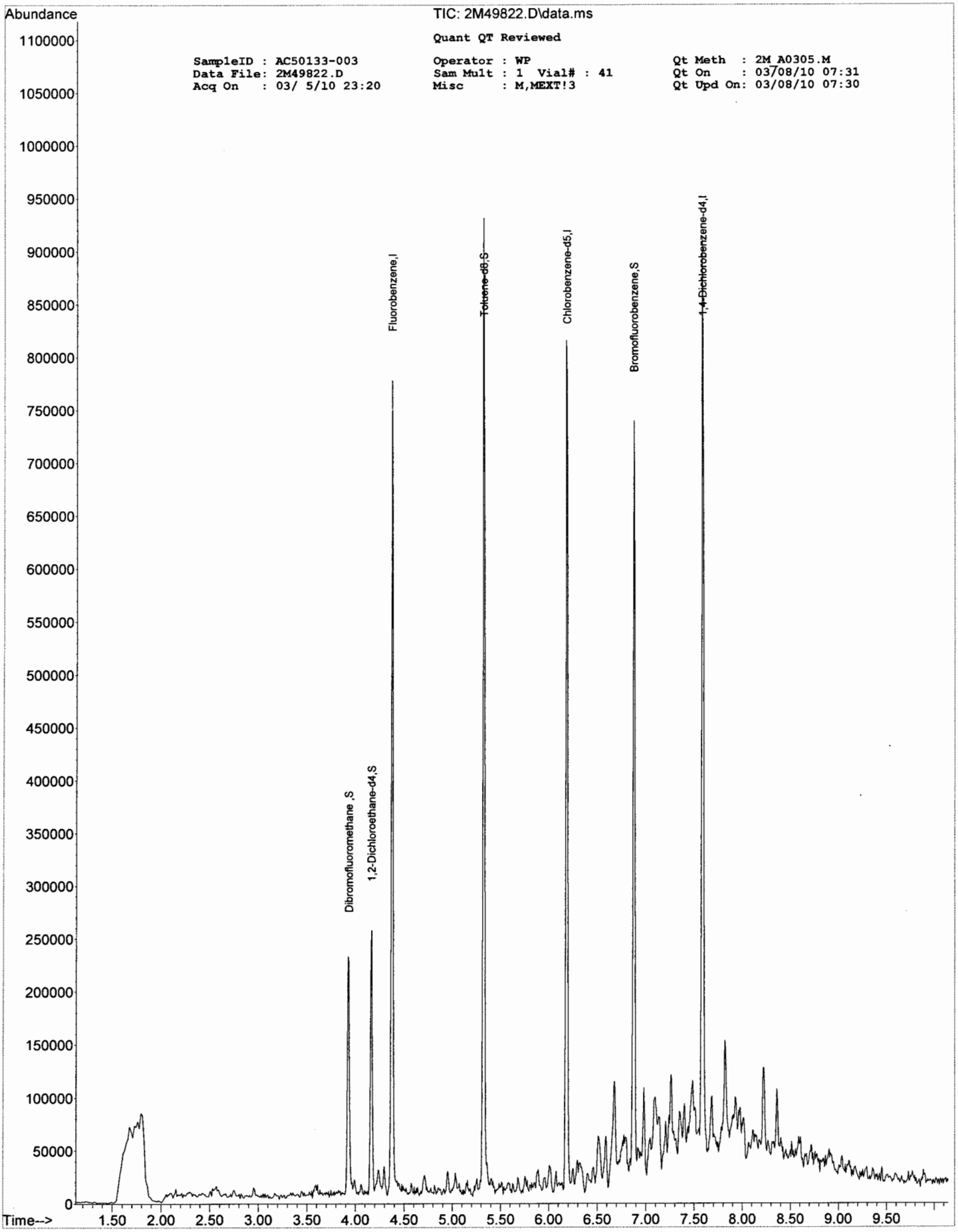
Quantitation Report (QT Reviewed)

SampleID : AC50133-003 Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49822.D Sam Mult : 1 Vial# : 41 Qt On : 03/08/10 07:31
Acq On : 03/ 5/10 23:20 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

Data Path : G:\GCMSDATA\2010\GCMS_2\Data\03-0510\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.375	96	410382	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.186	117	334025	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.587	152	213442	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	96940	27.44	ug/l	0.00
Spiked Amount 30.000			Recovery = 91.47%			
35) 1,2-Dichloroethane-d4	4.165	102	25355	27.96	ug/l	0.00
Spiked Amount 30.000			Recovery = 93.20%			
59) Toluene-d8	5.326	100	268166	29.63	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.77%			
67) Bromofluorobenzene	6.878	174	185474	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery = 96.23%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49822.D\data.ms
Quant QT Reviewed
SampleID : AC50133-003
Data File: 2M49822.D
Acq On : 03/ 5/10 23:20
Operator : WP
Sam Mult : 1 Vial# : 41
Misc : M,MEXT!3
Qt Meth : 2M_A0305.M
Qt On : 03/08/10 07:31
Qt Upd On: 03/08/10 07:30
Dibromofluoromethane ,S
1,2-Dichloroethane-d4,S
Fluorobenzene,I
Toluene-d8,S
Chlorobenzene-d5,I
Bromofluorobenzene,S
1,4-Dichlorobenzene-d4,I
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC50133-003(MS) Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49873.D Sam Mult : 1 Vial# : 44 Qt On : 03/09/10 06:52
Acq On : 03/ 8/10 17:57 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	439985	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.192	117	365103	30.00	ug/l	0.01
63) 1,4-Dichlorobenzene-d4	7.594	152	220547	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.930	111	109138	28.81	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.03%		
35) 1,2-Dichloroethane-d4	4.171	102	27446	28.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	94.10%		
59) Toluene-d8	5.332	100	291589	29.48	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.27%		
67) Bromofluorobenzene	6.884	174	199868	30.11	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.37%		
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.258	51	107578	15.17	ug/l	50
6) Dichlorodifluoromethane	1.242	85	42362	12.21	ug/l	81
7) Chloromethane	1.375	50	82925	17.23	ug/l	96
8) Bromomethane	1.624	94	12222	5.33	ug/l	98
9) Vinyl Chloride	1.425	62	78385	21.03	ug/l	93
10) Chloroethane	1.691	64	11188	5.84	ug/l	96
11) Trichlorofluoromethane	1.824	101	29497	5.83	ug/l	79
12) 1,1,2-Trichloro-1,2,2-...	2.202	101	68407	18.52	ug/l	95
13) Methylene Chloride	2.577	84	87452	18.14	ug/l	87
14) Acrolein	2.182	56	75050	84.23	ug/l	96
15) Acrylonitrile	2.774	53	38792	20.18	ug/l	83
16) Iodomethane	2.340	142	95947	12.49	ug/l	99
17) Acetone	2.301	43	148332	66.67	ug/l	96
18) Carbon Disulfide	2.380	76	164993	19.35	ug/l	100
20) n-Hexane	2.961	57	92652	21.47	ug/l	98
21) Di-isopropyl-ether	3.149	45	374520	20.59	ug/l	92
22) 1,1-Dichloroethene	2.212	61	99891	15.19	ug/l	92
23) Methyl Acetate	2.518	43	102647	22.59	ug/l	100
24) Methyl-t-butyl ether	2.784	73	242263	20.14	ug/l	89
25) 1,1-Dichloroethane	3.099	63	160287	19.57	ug/l	94
26) trans-1,2-Dichloroethene	2.774	96	77941	19.11	ug/l	85
27) cis-1,2-Dichloroethene	3.563	61	150676	20.30	ug/l	97
28) Bromochloromethane	3.756	49	67365	18.42	ug/l	73
29) 2,2-Dichloropropane	3.563	77	105920	22.84	ug/l	91
30) 1,4-Dioxane	4.845	88	58283	964.94	ug/l	89
31) 1,1-Dichloropropene	4.063	75	112435	21.25	ug/l	92
32) Chloroform	3.816	83	131111	19.83	ug/l	98
34) Cyclohexane	3.984	56	151498	22.39	ug/l	92
36) 1,2-Dichloroethane	4.219	62	111560	20.13	ug/l	99
37) 2-Butanone	3.593	43	60773	23.20	ug/l	80
38) 1,1,1-Trichloroethane	3.948	97	97279	18.92	ug/l	97
39) Carbon Tetrachloride	4.063	117	82092	19.64	ug/l	83
40) Vinyl Acetate	3.139	43	330040	18.44	ug/l	100
41) Bromodichloromethane	4.905	83	105275	18.60	ug/l	95
42) Methylcyclohexane	4.718	83	128447	23.25	ug/l	93
43) Dibromomethane	4.820	174	79120	17.84	ug/l	99
44) 1,2-Dichloropropane	4.742	63	105110	20.98	ug/l	95
45) Trichloroethene	4.604	130	91937	18.73	ug/l	95
46) Benzene	4.207	78	335156	21.35	ug/l	100
47) tert-Amyl methyl ether	4.273	73	217043	18.55	ug/l	85
49) Dibromochloromethane	5.849	129	85871	16.49	ug/l	85
50) 2-Chloroethylvinylether	5.073	63	67703	17.27	ug/l	86
51) cis-1,3-Dichloropropene	5.169	75	142677	19.54	ug/l	90
52) trans-1,3-Dichloropropene	5.494	75	131939	20.01	ug/l	100
53) 1,1,2-Trichloroethane	5.608	97	84717	20.05	ug/l	91
54) 1,2-Dibromoethane	5.927	107	94053	18.97	ug/l	95
55) 1,3-Dichloropropane	5.711	76	162733	22.72	ug/l	94
56) 4-Methyl-2-Pentanone	5.260	43	106821	15.64	ug/l	90
57) 2-Hexanone	5.747	43	75409	16.04	ug/l	98
58) Tetrachloroethene	5.693	164	96521	21.51	ug/l	90
60) Toluene	5.368	92	232461	22.39	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.252	133	86708	21.88	ug/l	89
62) Chlorobenzene	6.210	112	267201	21.51	ug/l	95
64) Bromoform	6.703	173	67401	12.07	ug/l	95
65) Ethylbenzene	6.258	106	114182	22.36	ug/l	100
66) 1,1,2,2-Tetrachloroethane	6.956	83	101353	18.38	ug/l	88
68) Styrene	6.571	104	271263	21.70	ug/l	86
69) m&p-Xylenes	6.324	106	327566	44.49	ug/l	88
70) o-Xylene	6.565	106	161616	22.27	ug/l	93

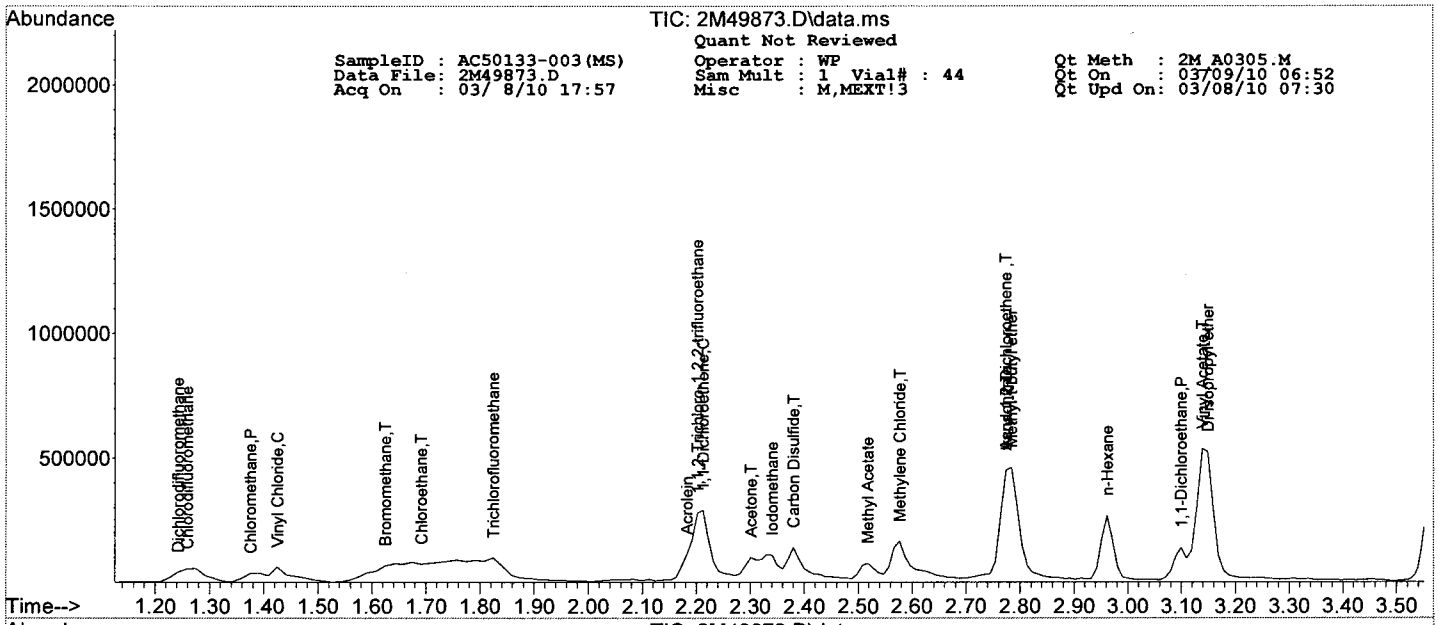
Quantitation Report (Not Reviewed)

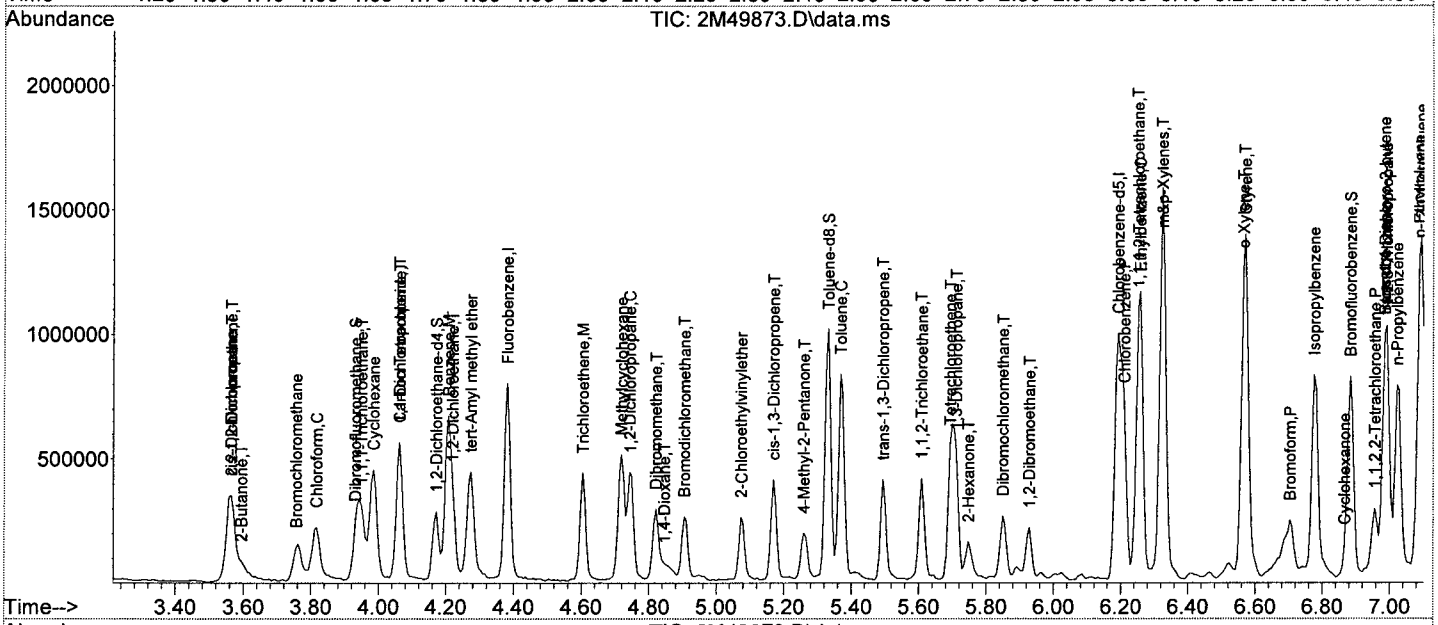
SampleID : AC50133-003(MS) Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49873.D Sam Mult : 1 Vial# : 44 Qt On : 03/09/10 06:52
Acq On : 03/ 8/10 17:57 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

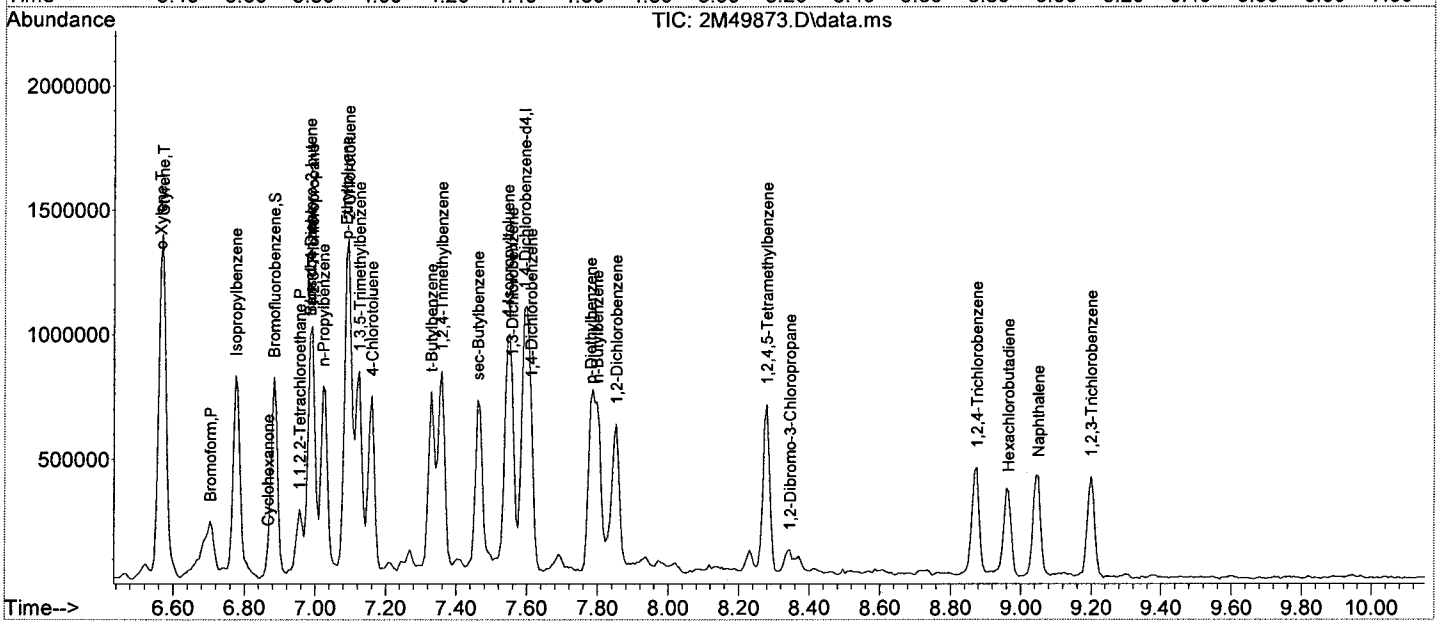
Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) trans-1,4-Dichloro-2-b...	6.986	53	27595	17.14 ug/l	67
72) 1,3-Dichlorobenzene	7.557	146	211941	22.16 ug/l	97
73) 1,4-Dichlorobenzene	7.612	146	207357	19.48 ug/l	98
74) 1,2-Dichlorobenzene	7.852	146	203995	20.72 ug/l	97
75) Isopropylbenzene	6.775	105	384552	21.97 ug/l	97
76) Cyclohexanone	6.866	55	19866	79.65 ug/l	95
77) 1,2,3-Trichloropropane	6.992	75	130638	20.01 ug/l	96
78) 2-Chlorotoluene	7.094	91	231068	21.72 ug/l	94
79) p-Ethyltoluene	7.088	105	368908	18.98 ug/l	95
80) 4-Chlorotoluene	7.160	91	240850	24.02 ug/l	94
81) n-Propylbenzene	7.022	91	460893	23.07 ug/l	94
82) Bromobenzene	6.986	77	216201	22.12 ug/l	89
83) 1,3,5-Trimethylbenzene	7.124	105	304656	22.54 ug/l	96
84) t-Butylbenzene	7.329	119	301476	23.37 ug/l	94
85) 1,2,4-Trimethylbenzene	7.359	105	334382	22.85 ug/l	89
86) sec-Butylbenzene	7.461	105	366755	23.58 ug/l	100
87) 4-Isopropyltoluene	7.545	119	294326	24.15 ug/l	97
88) n-Butylbenzene	7.798	91	309622	23.57 ug/l	94
89) p-Diethylbenzene	7.780	119	177140	20.27 ug/l	99
90) 1,2,4,5-Tetramethylben...	8.279	119	298632	25.45 ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.345	157	20416	12.43 ug/l	91
92) Hexachlorobutadiene	8.965	225	74480	31.29 ug/l	98
93) 1,2,4-Trichlorobenzene	8.875	180	139246	25.54 ug/l	96
94) 1,2,3-Trichlorobenzene	9.200	180	127532	23.69 ug/l	99
95) Naphthalene	9.049	128	286416	21.17 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49873.D\data.ms
Quant Not Reviewed
SampleID : AC50133-003(MS)
Data File: 2M49873.D
Acq On : 03/ 8/10 17:57
Operator : WP
Sam Mult : 1 Vial# : 44
Misc : M,MEXT!3
Qt Meth : 2M_A0305.M
Qt On : 03/09/10 06:52
Qt Upd On: 03/08/10 07:30
Chloromethane,P
Vinyl Chloride,C
Bromomethane,T
Chloroethane,T
Trichlorofluoromethane
Acrolein
Acetone,T
Iodomethane
Carbon Disulfide,T
Methyl Acetate
Methylene Chloride,T
n-Hexane
1,1-Dichloroethane,P
Time-->


Abundance
TIC: 2M49873.D\data.ms
2-Butanone,T
Bromochloromethane
Chloroform,C
Cyclohexane
1,2-Dichloroethane-d4,S
tert-Amyl methyl ether
Fluorobenzene,I
Trichloroethene,M
1,4-Dioxane,T
Bromodichloromethane,T
2-Chloroethylvinylether
cis-1,3-Dichloropropene,T
4-Methyl-2-Pentanone,T
Toluene-d8,S
Toluene,C
trans-1,3-Dichloropropene,T
1,1,2-Trichloroethane,T
2-Hexanone,T
Dibromochloromethane,T
1,2-Dibromoethane,T
Chlorobenzene-d5,I
m&p-Xylenes,T
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
n-Propylbenzene
Time-->


Abundance
TIC: 2M49873.D\data.ms
o-Xylene,T
Bromoform,P
Isopropylbenzene
Bromofluorobenzene,S
Cyclohexanone
1,1,2,2-Tetrachloroethane,P
n-Propylbenzene
1,3,5-Trimethylbenzene
4-Chlorotoluene
t-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
n-Butylbenzene
1,2-Dichlorobenzene
1,2,4,5-Tetramethylbenzene
1,2-Dibromo-3-Chloropropane
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
Time-->

Quantitation Report (Not Reviewed)

SampleID : AC50133-003(MSD) Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49874.D Sam Mult : 1 Vial# : 45 Qt On : 03/09/10 06:52
Acq On : 03/ 8/10 18:13 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.381	96	447045	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.191	117	369916	30.00	ug/l	0.01
63) 1,4-Dichlorobenzene-d4	7.593	152	223678	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	3.936	111	106825	27.75	ug/l	0.00
Spiked Amount 30.000			Recovery = 92.50%			
35) 1,2-Dichloroethane-d4	4.170	102	26451	26.78	ug/l	0.00
Spiked Amount 30.000			Recovery = 89.27%			
59) Toluene-d8	5.331	100	295516	29.48	ug/l	0.00
Spiked Amount 30.000			Recovery = 98.27%			
67) Bromofluorobenzene	6.883	174	196437	29.18	ug/l	0.00
Spiked Amount 30.000			Recovery = 97.27%			
Target Compounds						Qvalue
5) Chlorodifluoromethane	1.259	51	99002	13.74	ug/l	52
6) Dichlorodifluoromethane	1.226	85	41144	11.68	ug/l	92
7) Chloromethane	1.375	50	82643	16.90	ug/l	97
8) Bromomethane	1.625	94	9199	3.95	ug/l	84
9) Vinyl Chloride	1.425	62	78032	20.60	ug/l	98
10) Chloroethane	1.675	64	10380	5.34	ug/l	90
11) Trichlorofluoromethane	1.825	101	34467	6.71	ug/l	80
12) 1,1,2-Trichloro-1,2,2-...	2.202	101	69516	18.52	ug/l	94
13) Methylene Chloride	2.577	84	83427	17.03	ug/l	89
14) Acrolein	2.183	56	78603	86.83	ug/l	99
15) Acrylonitrile	2.784	53	39836	20.40	ug/l	87
16) Iodomethane	2.340	142	98678	12.64	ug/l	95
17) Acetone	2.301	43	151665	67.32	ug/l	94
18) Carbon Disulfide	2.380	76	169374	19.55	ug/l	100
20) n-Hexane	2.961	57	91307	20.83	ug/l	88
21) Di-isopropyl-ether	3.149	45	386222	20.90	ug/l	92
22) 1,1-Dichloroethene	2.212	61	100383	15.02	ug/l	98
23) Methyl Acetate	2.518	43	101316	21.95	ug/l	100
24) Methyl-t-butyl ether	2.784	73	235412	19.26	ug/l	89
25) 1,1-Dichloroethane	3.099	63	159187	19.13	ug/l	97
26) trans-1,2-Dichloroethene	2.774	96	72836	17.58	ug/l	68
27) cis-1,2-Dichloroethene	3.563	61	149225	19.79	ug/l	96
28) Bromochloromethane	3.755	49	78358	21.09	ug/l	72
29) 2,2-Dichloropropane	3.563	77	107049	22.72	ug/l	92
30) 1,4-Dioxane	4.850	88	58856	959.04	ug/l	93
31) 1,1-Dichloropropene	4.062	75	105952	19.71	ug/l	86
32) Chloroform	3.815	83	132204	19.67	ug/l	95
34) Cyclohexane	3.984	56	154471	22.47	ug/l	89
36) 1,2-Dichloroethane	4.218	62	109271	19.41	ug/l	99
37) 2-Butanone	3.593	43	62231	23.38	ug/l	90
38) 1,1,1-Trichloroethane	3.948	97	99236	18.99	ug/l	98
39) Carbon Tetrachloride	4.062	117	79003	18.60	ug/l	87
40) Vinyl Acetate	3.139	43	329736	18.13	ug/l	100
41) Bromodichloromethane	4.904	83	106967	18.60	ug/l	99
42) Methylcyclohexane	4.718	83	121216	21.59	ug/l	95
43) Dibromomethane	4.820	174	82197	18.24	ug/l	91
44) 1,2-Dichloropropane	4.742	63	108167	21.24	ug/l	95
45) Trichloroethene	4.603	130	95120	19.07	ug/l	90
46) Benzene	4.206	78	330858	20.75	ug/l	100
47) tert-Amyl methyl ether	4.273	73	222169	18.69	ug/l	84
49) Dibromochloromethane	5.849	129	92250	17.49	ug/l	98
50) 2-Chloroethylvinylether	5.079	63	68370	17.22	ug/l	93
51) cis-1,3-Dichloropropene	5.169	75	144252	19.50	ug/l	96
52) trans-1,3-Dichloropropene	5.494	75	132771	19.87	ug/l	96
53) 1,1,2-Trichloroethane	5.608	97	87654	20.47	ug/l	92
54) 1,2-Dibromoethane	5.927	107	92568	18.42	ug/l	94
55) 1,3-Dichloropropane	5.710	76	164179	22.63	ug/l	98
56) 4-Methyl-2-Pentanone	5.259	43	107355	15.52	ug/l	88
57) 2-Hexanone	5.746	43	71911	15.10	ug/l	95
58) Tetrachloroethene	5.698	164	94523	20.79	ug/l	94
60) Toluene	5.367	92	227837	21.66	ug/l	94
61) 1,1,1,2-Tetrachloroethane	6.252	133	85516	21.30	ug/l	84
62) Chlorobenzene	6.210	112	261087	20.74	ug/l	97
64) Bromoform	6.709	173	69158	12.21	ug/l	95
65) Ethylbenzene	6.258	106	110800	21.39	ug/l	95
66) 1,1,2,2-Tetrachloroethane	6.955	83	103648	18.53	ug/l	86
68) Styrene	6.570	104	267319	21.08	ug/l	95
69) m&p-Xylenes	6.324	106	317989	42.58	ug/l	87
70) o-Xylene	6.564	106	162829	22.12	ug/l	98

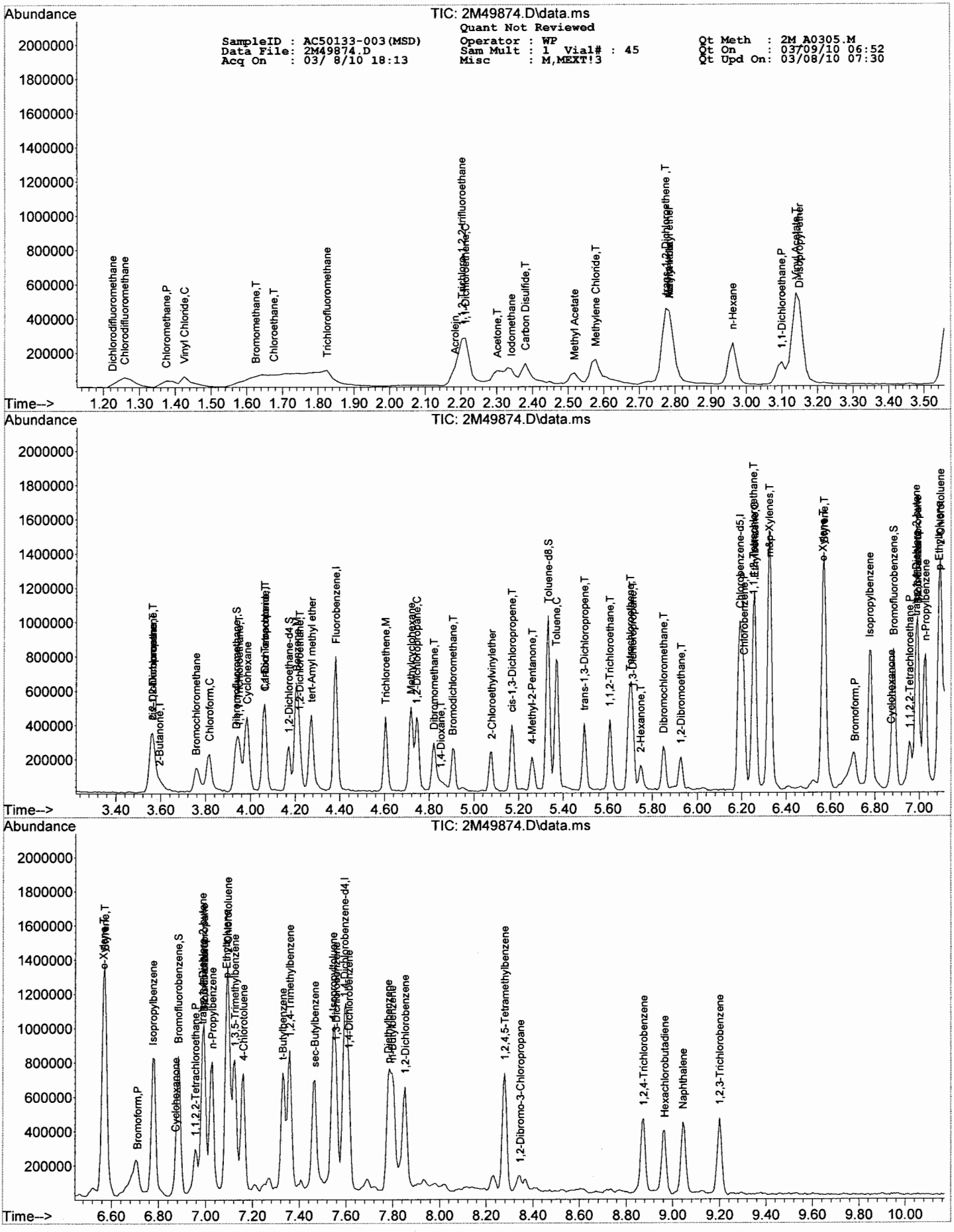
Quantitation Report (Not Reviewed)

SampleID : AC50133-003(MSD) Operator : WP Qt Meth : 2M_A0305.M
Data File: 2M49874.D Sam Mult : 1 Vial# : 45 Qt On : 03/09/10 06:52
Acq On : 03/ 8/10 18:13 Misc : M,MEXT!3 Qt Upd On: 03/08/10 07:30

Data Path : G:\GcMsData\2010\GCMS_2\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_2\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) trans-1,4-Dichloro-2-b...	6.986	53	27563	16.88 ug/l	64
72) 1,3-Dichlorobenzene	7.557	146	210624	21.72 ug/l	97
73) 1,4-Dichlorobenzene	7.611	146	212896	19.72 ug/l	96
74) 1,2-Dichlorobenzene	7.852	146	203475	20.37 ug/l	96
75) Isopropylbenzene	6.775	105	389909	21.97 ug/l	98
76) Cyclohexanone	6.871	55	19958	78.90 ug/l	93
77) 1,2,3-Trichloropropane	6.992	75	132124	19.96 ug/l	95
78) 2-Chlorotoluene	7.094	91	248903	23.07 ug/l	98
79) p-Ethyltoluene	7.088	105	360102	18.27 ug/l	96
80) 4-Chlorotoluene	7.160	91	232001	22.81 ug/l	93
81) n-Propylbenzene	7.028	91	470385	23.21 ug/l	96
82) Bromobenzene	6.992	77	215063	21.70 ug/l	90
83) 1,3,5-Trimethylbenzene	7.124	105	311441	22.72 ug/l	99
84) t-Butylbenzene	7.328	119	299610	22.90 ug/l	93
85) 1,2,4-Trimethylbenzene	7.358	105	335631	22.61 ug/l	90
86) sec-Butylbenzene	7.467	105	361356	22.91 ug/l	100
87) 4-Isopropyltoluene	7.545	119	301602	24.40 ug/l	97
88) n-Butylbenzene	7.798	91	320429	24.05 ug/l	96
89) p-Diethylbenzene	7.780	119	179018	20.20 ug/l	93
90) 1,2,4,5-Tetramethylben...	8.279	119	306157	25.73 ug/l	91
91) 1,2-Dibromo-3-Chloropr...	8.345	157	21803	13.09 ug/l	81
92) Hexachlorobutadiene	8.965	225	77270	32.01 ug/l	99
93) 1,2,4-Trichlorobenzene	8.874	180	137422	24.85 ug/l	98
94) 1,2,3-Trichlorobenzene	9.199	180	132878	24.34 ug/l	97
95) Naphthalene	9.043	128	282943	20.62 ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 2M49874.D\data.ms
Quant Not Reviewed
SampleID : AC50133-003(MSD)
Data File: 2M49874.D
Acq On : 03/ 8/10 18:13
Operator : WP
Sam Mult : 1 Vial# : 45
Misc : M,MEXT!3
Qt Meth : 2M_A0305.M
Qt On : 03/09/10 06:52
Qt Upd On: 03/08/10 07:30
Time-->

GC/MS Volatile Data
Logbook Data

RUN LOG

1-1-1M54441

Instrument: GCMS_1 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54441.	BFB TUNE		V-77129,V-77957, V-81343 04	DB						02/23 10:38
1M54442.	50 PPB	CnSdAnc	-	DB		Soil	0.4	1	8260	02/23 10:47
1M54443.	BLK	CnSdAnc	-	DB		Soil	0.4	1	8260	02/23 11:04
1M54444.	CAL @ 500 PPB	Oc	B-7221	DB		Soil	1	1	624 8260	02/23 11:20
1M54445.	CAL @ 250 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 11:36
1M54446.	CAL @ 100 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 11:52
1M54447.	CAL @ 50 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 12:08
1M54448.	CAL @ 20 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 12:24
1M54449.	CAL @ 10 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 12:41
1M54450.	CAL @ 5 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 12:57
1M54451.	BLK	Is	-	DB		Soil	1	1	8260	02/23 13:13
1M54452.	CAL @ 0.5 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 13:29
1M54453.	CAL @ 1 PPB		B-7221	DB		Soil	1	1	624 8260	02/23 13:45
1M54454.	ICV	Sd	V-81613	DB		Soil	2.5	1	8260	02/23 14:09
1M54455.	STD	Sd	-	DB		Soil	2.5	1	8260	02/23 14:25
1M54456.	BLK		-	DB		Soil	1	1	8260	02/23 14:41
1M54457.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/23 14:57
1M54458.	BLK		-	DB		Soil	1	1	8260	02/23 15:13
1M54459.	MBS15066		OK MBS15066	DB		Soil	1	1	8260	02/23 15:29
1M54460.	AC49929-002(MS)		OK MBS15066	DB	VO15-8260	Soil	1	1	8260	02/23 15:46
1M54461.	AC49929-002(MSD)		OK MBS15066	DB	VO15-8260	Soil	1	1	8260	02/23 16:02
1M54462.	BLK		-	DB		Soil	1	1	8260	02/23 16:18
1M54463.	AC49962-001		OK	DB	VO10-8260	Soil	1	1	8260	02/23 16:36
1M54464.	AC49962-002		OK	DB	VO10-8260	Soil	1	1	8260	02/23 16:52
1M54465.	AC49962-003		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:08
1M54466.	AC49962-004		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:24
1M54467.	AC49962-005		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:41
1M54468.	AC49962-006		OK	DB	VO10-8260	Soil	1	1	8260	02/23 17:57
1M54469.	AC49962-007		OK	DB	VO10-8260	Soil	1	1	8260	02/23 18:13
1M54470.	AC49961-001		OK	DB	VO10-8260	Soil	1	1	8260	02/23 18:29
1M54471.	AC49961-002		OK	DB	VO10-8260	Soil	1	1	8260	02/23 18:45
1M54472.	AC49961-003		OK	DB	VO10-8260	Soil	1	1	8260	02/23 19:01
1M54473.	AC49961-004		OK	DB	VO10-8260	Soil	1	1	8260	02/23 19:17
1M54474.	BLK		-	DB		Soil	1	1	8260	02/23 19:33
1M54475.	BLK		-	DB		Soil	1	1	8260	02/23 19:49

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tcln/Solvent Extraction Data Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tcln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rto	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/qval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emo	Problem Checking Prep/pindates modcheckpreprunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M54681

Instrument: GCMS_1 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54681.	BFB TUNE		V-77129,V-82033,V-77957, V-81927	DB						03/03 06:34
1M54682.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	03/03 06:53
1M54683.	BLK		-	DB		Soil	1	1	8260	03/03 07:15
1M54684.	DAILY BLANK		OK	DB		Soil	1	1	8260	03/03 07:31
1M54685.	BLK	S8	-	DB		Soil	1	1	8260	03/03 07:48
1M54686.	AC50059-001		OK MBS15159	DB	VOBTEX-826	Soil	1	1	8260	03/03 08:04
1M54687.	AC50074-001	S8Ao	RR-5q	DB	VOBTEX-826	Soil	1	1	8260	03/03 08:20
1M54688.	MBS15159		OK MBS15159	DB		Soil	1	1	8260	03/03 08:36
1M54689.	AC50059-001(MS)	S8Mnc	-	DB	VOBTEX-826	Soil	1	1	8260	03/03 08:52
1M54690.	AC50059-001(MSD)		OK MBS15159	DB	VOBTEX-826	Soil	1	1	8260	03/03 09:08
1M54691.	AC50074-001(5X)	S8AoOc	-	DB	VOBTEX-826	Soil	1	5	8260	03/03 09:25
1M54692.	BLK		-	DB		Soil	1	1	8260	03/03 09:41
1M54693.	AC50076-003		OK	DB	VO10-8260	Soil	1	1	8260	03/03 09:57
1M54694.	AC50076-002		OK	DB	VO10-8260	Soil	1	1	8260	03/03 10:13
1M54695.	AC50076-001		OK	DB	VO10-8260	Soil	1	1	8260	03/03 10:29
1M54696.	AC50059-001(MS)		OK MBS15159	DB	VOBTEX-826	Soil	1	1	8260	03/03 10:45
1M54697.	BLK		-	DB		Soil	1	1	8260	03/03 11:01
1M54698.	AC50077-001		OK	DB	VO10-8260	Soil	1	1	8260	03/03 11:17
1M54699.	AC50077-002		OK	DB	VO10-8260	Soil	1	1	8260	03/03 11:34
1M54700.	AC50077-003		OK	DB	VO10-8260	Soil	1	1	8260	03/03 11:50
1M54701.	AC50077-004		OK	DB	VO10-8260	Soil	1	1	8260	03/03 12:06
1M54702.	AC50077-005	S8	RR-5q	DB	VO10-8260	Soil	1	1	8260	03/03 12:22
1M54703.	AC50077-006		OK	DB	VO10-8260	Soil	1	1	8260	03/03 12:38
1M54704.	AC50077-007		OK	DB	VO10-8260	Soil	1	1	8260	03/03 12:55
1M54705.	AC50077-008		OK	DB	VO10-8260	Soil	1	1	8260	03/03 13:11
1M54706.	BLK		-	DB		Soil	1	1	8260	03/03 13:30
1M54707.	AC50077-005		OK	DB	VO10-8260	Soil	1	1	8260	03/03 13:46
1M54708.	AC50085-004(5X)		RR-5q	DB	VO10-8260	Soil	1	5	8260	03/03 14:02
1M54709.	BLK		-	DB		Soil	1	1	8260	03/03 14:19
1M54710.	BLK		-	DB		Soil	1	1	8260	03/03 14:42
1M54711.	BLK		-	DB		Soil	1	1	8260	03/03 15:28
1M54712.	AC50074-001	S8Ao	2ND RUN	DB	VOBTEX-826	Soil	1	1	8260	03/03 15:44
1M54713.	BLK		-	DB		Soil	1	1	8260	03/03 16:00
1M54714.	AC50085-004		OK	DB	VO10-8260	Soil	1	1	8260	03/03 16:16
1M54715.	BLK		-	DB		Soil	1	1	8260	03/03 16:32
1M54716.	BLK		-	DB		Soil	1	1	8260	03/03 16:48
1M54717.	BLK		-	DB		Soil	1	1	8260	03/03 17:04

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tcln/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tcln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing dft or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1n D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fbe	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmp	Problem Checking Prep/updates modcheckprepruns	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
Fn	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2M49799

Instrument: GCMS_2 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M49799.	BFB TUNE		V-77129,V-77957, V-81927	DB						03/05 17:06
2M49800.	CAL @ 1 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 17:22
2M49801.	CAL @ 0.5 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 17:41
2M49802.	CAL @ 5 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 18:00
2M49803.	CAL @ 500 PPB	Oc	B-7271	DB		Aqueous	1	1	624 8260	03/05 18:16
2M49804.	CAL @ 250 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 18:32
2M49805.	CAL @ 100 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 18:48
2M49806.	CAL @ 50 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 19:04
2M49807.	CAL @ 20 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 19:20
2M49808.	CAL @ 10 PPB		B-7271	DB		Aqueous	1	1	624 8260	03/05 19:36
2M49809.	STDTEST		-	DB		Aqueous	1	1	624 8260	03/05 19:52
2M49810.	STDTEST		-	DB		Aqueous	1	1	624 8260	03/05 20:08
2M49811.	ICV		V-82218	DB		Aqueous	1	1	624 8260	03/05 20:24
2M49812.	BLK		-	DB		Aqueous	1	1	624 8260	03/05 20:40
2M49813.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	03/05 20:57
2M49814.	DAILY BLANK		OK	DB		Methano	1	1	8260	03/05 21:13
2M49815.	MBS15198		OK MBS15198	DB		Methano	1	1	8260	03/05 21:29
2M49816.	MBS15199		- MBS15199	DB		Methano	1	1	8260	03/05 21:45
2M49817.	MBS15200		OK MBS15200	DB		Aqueous	1	1	624 8260	03/05 22:00
2M49818.	BLK		-	DB		Aqueous	1	1	624 8260	03/05 22:17
2M49819.	AC50150-001	Oc	RR-400uL	DB	VO10-8260	Methano	1	1	8260	03/05 22:33
2M49820.	AC50133-001		RR-5g - DIRTY	DB	VO10-8260	Methano	1	1	8260	03/05 22:48
2M49821.	AC50133-002		RR-5g - DIRTY	DB	VO10-8260	Methano	1	1	8260	03/05 23:04
2M49822.	AC50133-003		RR-5g - DIRTY	DB	VO10-8260	Methano	1	1	8260	03/05 23:20
2M49823.	BLK		-	DB		Aqueous	1	1	624 8260	03/05 23:36
2M49824.	AC50081-002		OK	DB	VO-8260	Methano	1	1	8260	03/05 23:52
2M49825.	AC50081-001		OK	DB	VO-8260	Methano	1	1	8260	03/06 00:08
2M49826.	AC50095-005(80uL)	Oc	OK	DB	VO-8260	Methano	1	10	8260	03/06 00:24
2M49827.	AC50095-004(80uL)	Oc	OK	DB	VO-8260	Methano	1	10	8260	03/06 00:40
2M49828.	AC50095-001(80uL)		RR-800uL	DB	VO-8260	Methano	1	10	8260	03/06 00:58
2M49829.	AC50095-002(80uL)		OK	DB	VO-8260	Methano	1	10	8260	03/06 01:19
2M49830.	AC50095-003		OK	DB	VO-8260	Methano	1	1	8260	03/06 01:37
2M49831.	BLK	Ti6Ti8	-	DB		Aqueous	1	1	624 8260	03/08 06:24
2M49832.	BLK	Ti6Ti8	-	DB		Aqueous	1	1	624 8260	03/08 06:40
2M49833.	50117-016	Ti8	RR-5g - DIRTY	DB		Methano	1	1.596	8260	03/08 06:57
2M49834.	50117-017	Ti8	RR-5g	DB		Methano	1	1.596	8260	03/08 07:13
2M49835.	50117-018	Ti8	RR-5g	DB		Methano	1	1.596	8260	03/08 07:28
2M49836.	50117-019	Ti8	RR-MEXT	DB		Methano	1	1.596	8260	03/08 07:44

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tetn/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tetn Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calnt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/rundates modcheckprepruncls	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-1M54817

Instrument: GCMS_1 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54817.	BFB TUNE		V-77129,V-82298,V-77957, V-81927,V-	DB						03/08 06:41
1M54818.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	03/08 06:51
1M54819.	BLK		-	DB		Soil	1	1	8260	03/08 07:48
1M54820.	BLK		-	DB		Soil	1	1	8260	03/08 08:04
1M54821.	DAILY BLANK		OK	DB		Soil	1	1	8260	03/08 08:26
1M54822.	MBS15203		OK MBS15203	DB		Soil	1	1	8260	03/08 08:42
1M54823.	BLK	S8	-	DB		Soil	1	1	8260	03/08 08:58
1M54824.	AC50089-015		OK	DB	VO10-8260	Soil	1	1	8260	03/08 09:14
1M54825.	AC50089-009		OK	DB	VO10-8260	Soil	1	1	8260	03/08 09:30
1M54826.	AC50112-001	S8Ao	RR-5g	DB	VO15-8260	Soil	1	1	8260	03/08 09:46
1M54827.	AC50109-001	S8	RR-5g	DB	VO15-8260	Soil	1	1	8260	03/08 10:03
1M54828.	AC50089-020		OK	DB	VO10-8260	Soil	1	1	8260	03/08 10:19
1M54829.	AC50089-021		OK	DB	VO10-8260	Soil	1	1	8260	03/08 10:35
1M54830.	AC50089-024	Oc	OK	DB	VO10-8260	Soil	1	1	8260	03/08 10:51
1M54831.	AC50089-019	S8	RR-5g - DIRTY	DB	VO10-8260	Soil	1	1	8260	03/08 11:07
1M54832.	AC50089-022	Oc	OK	DB	VO10-8260	Soil	1	1	8260	03/08 11:23
1M54833.	AC50089-023	S8	RR-5g	DB	VO10-8260	Soil	1	1	8260	03/08 11:40
1M54834.	BLK		-	DB		Soil	1	1	8260	03/08 11:56
1M54835.	AC50141-004		OK	DB	VO10-8260	Soil	1	1	8260	03/08 12:12
1M54836.	AC50106-001	S8	RR-5g	DB	VO10-8260	Soil	1	1	8260	03/08 12:28
1M54837.	BLK	S8	-	DB		Soil	1	1	8260	03/08 12:44
1M54838.	AC50141-003		OK	DB	VO10-8260	Soil	1	1	8260	03/08 13:00
1M54839.	AC50102-001	S8	RR-5g	DB	VOBTEX-826	Soil	1	1	8260	03/08 13:17
1M54840.	AC50108-001		OK	DB	VO10-8260	Soil	1	1	8260	03/08 13:33
1M54841.	AC50108-002		OK	DB	VO10-8260	Soil	1	1	8260	03/08 13:49
1M54842.	AC50108-004		OK	DB	VO10-8260	Soil	1	1	8260	03/08 14:05
1M54843.	AC50108-003(5X)		OK	DB	VO10-8260	Soil	1	5	8260	03/08 14:21
1M54844.	BLK		-	DB		Soil	1	1	8260	03/08 14:37
1M54845.	AC50162-005	S8	RR-5g	DB	VOBTEX-826	Soil	1	1	8260	03/08 14:53
1M54846.	AC50187-001(5X)	S8	RR-1g	DB	VO10-8260	Soil	1	5	8260	03/08 15:10
1M54847.	AC50162-005(MS)	S8	-	DB	VOBTEX-826	Soil	1	1	8260	03/08 15:26
1M54848.	AC50162-005(MSD)		-	DB	VOBTEX-826	Soil	1	1	8260	03/08 15:42
1M54849.	BLK		-	DB		Soil	1	1	8260	03/08 15:58
1M54850.	BLK	S8	-	DB		Soil	1	1	8260	03/08 16:14
1M54851.	MBS15209		- MBS15209	DB		Soil	1	1	8260	03/08 16:30
1M54852.	AC50162-001		OK	DB	VOBTEX-826	Soil	1	1	8260	03/08 16:46
1M54853.	AC50117-021		OK	DB	VO10-8260	Soil	1	1	8260	03/08 17:02
1M54854.	AC50117-022		OK	DB	VO10-8260	Soil	1	1	8260	03/08 17:18
1M54855.	AC50117-023		OK	DB	VO10-8260	Soil	1	1	8260	03/08 17:35
1M54856.	AC50117-024	S8	RR-5g	DB	VO10-8260	Soil	1	1	8260	03/08 17:51
1M54857.	AC50117-025	S8	RR-5g	DB	VO10-8260	Soil	1	1	8260	03/08 18:07
1M54858.	AC50117-031	Oc	OK	DB	VO10-8260	Soil	1	1	8260	03/08 18:23
1M54859.	AC50117-034	Oc	OK	DB	VO10-8260	Soil	1	1	8260	03/08 18:39
1M54860.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 18:55
1M54861.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 19:11
1M54862.	BLK	S8Ti8	-	DB		Soil	1	1	8260	03/08 19:27
1M54863.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 19:43
1M54864.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 19:59
1M54865.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 20:15
1M54866.	BLK	Ti8	-	DB		Soil	1	1	8260	03/08 20:32
1M54867.	BLK	S8Ti8	-	DB		Soil	1	1	8260	03/08 20:48
1M54868.	BLK(5ML)OUT	Ti8	-	DB		Soil	1	5	8260	03/08 21:04
1M54869.	BLK(5ML)F	Ti8	-	DB		Soil	1	5	8260	03/08 21:20

Anc	Area Not Checked
Ao	Area Out
B6m	Blank 600 series missing
B8m	Blank 8000 series missing
Bnf	Blank Not Found/Assigned
C16	Calibration Column 1 Out (600 Series)
C18	Calibration Column 1 Out (8000 Series)
C26	Calibration Column 2 Out (600 Series)
C28	Calibration Column 2 Out (8000 Series)
C6f	600 series sample/blank did not have passing cal
C8f	8000 series sample/blank did not have passing cal
Cme	Coding Cal missing for sample (8000 series)
Cn	Calibration Not Checked for sample/blank/eval
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals
Dnc	Drift Not Checked
Do	Drift Out
Eba	An Extraction Before Collection Date
Emp	Problem Checking Prep/pindates medcheckprepunda
En	Eval Time Not Checked
Eo	Extraction Performed Past Hold
Esm	Solvent Extraction Data Missing/Not check'd
Etn	Tclp/Solvent Extraction Data Missing/Not check'd
Eto	Tclp Extraction Performed Outside of Hold
Ev	Eval Time Exceeded
Hb	Analysis Before Collection Date
Ho	Sample Analyzed outside of hold time
I16 I26	Initial cal 600 series failed Column 1 and or 2
I18 I28	Initial cal 8000 series failed Column 1 and or 2
Is	Initial Cal Not Checked
Iv	Prob with calrpt.csv for init calibration chek rfs
Iw	Initial cal warning .ini cal file <> method
Ix	Initial Cal Files Not Updated Properly for a samol
M16 M26	Spike Out Col 1 and or Col 2 600 series
M16a M16b	Spike Out Col 1 600 series Acid and or BN
M18 M28	Spike Out Col 1 and or Col 2 8000 series
M18a M18b	Spike Out Col 1 8000 series Acid and or BN
Mnc	Spike Not Checked for this ms/msd
Oc	Warning Compound(s) Over Calibration
Co	Warning Possible Carry Over
EvF	Eval Mix Failed
Evnc	Eval Mix Not Checked
Evrc	Eval Mix missing drlt or aodrin
R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
Rn	Retention Time Out Or %Diff Out
Rtn	Can't Calculate Drift
S6	600 series surrogate out
S8	8000 series surrogate out
Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Sd	Surrogate Diluted Out
Snc	Surrogate Not Checked
Ti5	Outside of 500 series Tune time
Ti6	Outside of 600 series Tune time/Cal Time
Ti8	Outside of 8000 series Tune time/Cal Time
Tm	Too Many Samples/ for beginning Calibration
Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2M49842

Instrument: GCMS_2 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M49842.	BFB TUNE		V-77129,V-82298,V-77957, V-81927	DB						03/08 09:05
2M49843.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	03/08 09:15
2M49844.	BLK		-	DB		Aqueous	1	1	624 8260	03/08 09:53
2M49845.	DAILY BLANK		OK	KL		Methano	1	1	8260	03/08 10:09
2M49846.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	03/08 10:26
2M49847.	AC50150-001(400uL)		OK	KL	VO10-8260	Methano	1	2	8260	03/08 10:42
2M49848.	AC50108-005		RR-800uL - possible CO	DB	VO10-8260	Methano	1	1	8260	03/08 10:58
2M49849.	AC50117-019		OK	DB	VO10-8260	Methano	1	1	8260	03/08 11:13
2M49850.	AC50093-001(4uL)		RR-80uL	DB	VO-8260	Methano	1	200	8260	03/08 11:30
2M49851.	MBS15206		OK MBS15206	DB		Aqueous	1	1	624 8260	03/08 11:46
2M49852.	MBS15207		OK MBS15207	DB		Methano	1	1	8260	03/08 12:03
2M49853.	AC50117-028		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 12:19
2M49854.	AC50183-001(80uL)	Ho	RR-400uL - DIRTY	DB	VO10-8260	Methano	1	10	8260	03/08 12:36
2M49855.	AC50117-030		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 12:53
2M49856.	AC50117-031		RR-5q - DIRTY!!!	DB	VO10-8260	Methano	1	1	8260	03/08 13:09
2M49857.	AC50117-032		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 13:26
2M49858.	AC50117-033		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 13:42
2M49859.	AC50117-034		RR-5q - DIRTY	DB	VO10-8260	Methano	1	1	8260	03/08 13:58
2M49860.	AC50117-035		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 14:15
2M49861.	AC50117-036		RR-5q - DIRTY!!!	DB	VO10-8260	Methano	1	1	8260	03/08 14:30
2M49862.	AC50093-001(80uL)	S8	RR 80uL	KL	VO-8260	Methano	1	10	8260	03/08 14:47
2M49863.	AC50117-038		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 15:03
2M49864.	50150-001(80uL)		-	DB		Methano	1	10	8260	03/08 15:28
2M49865.	BLK		-	DB		Aqueous	1	1	624 8260	03/08 15:46
2M49866.	AC50093-001(80uL)	S8	Confirms surr.	KL	VO-8260	Methano	1	10	8260	03/08 16:02
2M49867.	AC50117-042		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 16:18
2M49868.	AC50117-043		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 16:36
2M49869.	AC50117-044		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 16:52
2M49870.	AC50117-045		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 17:09
2M49871.	AC50117-037		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 17:25
2M49872.	AC50117-046		RR-5q - DIRTY!!!	DB	VO10-8260	Methano	1	1	8260	03/08 17:41
2M49873.	AC50133-003(MS)		OK MBS15207	DB	VO10-8260	Methano	1	1	8260	03/08 17:57
2M49874.	AC50133-003(MSD)		OK MBS15207	DB	VO10-8260	Methano	1	1	8260	03/08 18:13
2M49875.	AC50117-029		RR-5q	DB	VO10-8260	Methano	1	1	8260	03/08 18:29
2M49876.	BLK		-	DB		Aqueous	1	1	624 8260	03/08 18:46
2M49877.	AC50143-008		OK	DB	VO15-624	Aqueous	1	1	624	03/08 19:02
2M49878.	AC50143-007		OK	DB	VO15-624	Aqueous	1	1	624	03/08 19:18
2M49879.	AC50143-006		OK	DB	VO15-624	Aqueous	1	1	624	03/08 19:34
2M49880.	AC50143-005		RR-1X - possible TIC CO	DB	VO15-624	Aqueous	1	1	624	03/08 19:50
2M49881.	AC50143-004		OK	DB	VO15-624	Aqueous	1	1	624	03/08 20:06
2M49882.	AC50143-003		OK	DB	VO15-624	Aqueous	1	1	624	03/08 20:22
2M49883.	AC50143-002		OK	DB	VO15-624	Aqueous	1	1	624	03/08 20:38
2M49884.	AC50143-001		OK	DB	VO15-624	Aqueous	1	1	624	03/08 20:54
2M49885.	BLK	Ti8	-	DB		Aqueous	1	1	624 8260	03/08 21:10
2M49886.	AC50166-004		OK	DB	VO15-624	Aqueous	1	1	624	03/08 21:26
2M49887.	AC50152-010		OK	DB	VO15-624	Aqueous	1	1	624	03/08 21:42
2M49888.	AC50152-001		OK MBS15206	DB	VO15-624	Aqueous	1	1	624	03/08 21:58
2M49889.	AC50152-002(MS:AC5	Ti8	OK MBS15206	DB	VO15-624	Aqueous	1	1	624 8260	03/08 22:14
2M49890.	AC50152-003(MSD:AC	Ti8	OK MBS15206	DB	VO15-624	Aqueous	1	1	624 8260	03/08 22:30
2M49891.	AC50152-004		OK	DB	VO15-624	Aqueous	1	1	624	03/08 22:46
2M49892.	AC50152-005		OK	DB	VO15-624	Aqueous	1	1	624	03/08 23:02
2M49893.	AC50152-006		OK	DB	VO15-624	Aqueous	1	1	624	03/08 23:18

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Data Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tcln/Solvent Extraction Data Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Tcln Extraction Performed Outside of Hold	Fvnc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/runDates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-2M49894

Instrument: GCMS_2 Year: 2010
Analyst: WP

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
2M49894.	BFB TUNE		V-77129,V-82358,V-77957, V-81927	DB						03/09 06:30
2M49895.	BLK	ToCnS6S8Anc	-	DB		Aqueous	1	1	624 8260	03/09 06:39
2M49896.	CAL @ 20 PPB		OK	DB		Aqueous	1	1	624 8260	03/09 06:50
2M49897.	BLK		-	DB		Aqueous	1	1	624 8260	03/09 07:23
2M49898.	DAILY BLANK		OK	DB		Methano	1	1	8260	03/09 07:40
2M49899.	DAILY BLANK		OK	DB		Aqueous	1	1	624 8260	03/09 07:57
2M49900.	AC50165-005		OK	DB	VO10-8260	Aqueous	1	1	8260	03/09 08:16
2M49901.	AC50165-006		OK	DB	VO10-8260	Aqueous	1	1	8260	03/09 08:32
2M49902.	AC50143-005		OK	DB	VO15-624	Aqueous	1	1	624	03/09 08:48
2M49903.	AC50108-005		OK	DB	VO10-8260	Methano	1	1	8260	03/09 09:04
2M49904.	AC50183-001(400uL)	Ho	OK,activated out of hold	DB	VO10-8260	Methano	1	2	8260	03/09 09:20
2M49905.	MBS15219		OK MBS15219	DB		Aqueous	1	1	624 8260	03/09 09:36
2M49906.	MBS15220		OK MBS15220	KL		Methano	1	1	8260	03/09 09:52
2M49907.	BLKJUG#2					Aqueous	1	1	624 8260	03/09 10:09
2M49908.	AC50203-003				VOSTARS-82	Aqueous	1	1	8260	03/09 10:26
2M49909.	AC50199-001				VO10-8260	Methano	1	1	8260	03/09 10:42
2M49910.	AC50199-002				VO10-8260	Methano	1	1	8260	03/09 10:58
2M49911.	AC50199-003				VO10-8260	Methano	1	1	8260	03/09 11:15
2M49912.	AC50199-004				VO10-8260	Methano	1	1	8260	03/09 11:31
2M49913.	AC50199-005				VO10-8260	Methano	1	1	8260	03/09 11:47
2M49914.	AC50199-006				VO10-8260	Methano	1	1	8260	03/09 12:03
2M49915.	AC50199-007				VO10-8260	Methano	1	1	8260	03/09 12:18
2M49916.	AC50143-003(MS)				VO15-624	Aqueous	1	1	624 8260	03/09 12:34

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warninn Possible Carry Over
Ao	Area Out	Fsm	Solvent Extraction Data Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missino	Ftn	Tcln/Solvent Extraction Data Missinn/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missino	Fto	Tcln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing drft or andrin
Bnf	Blank Not Found/Assinned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Diff
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passino cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passino cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missino for sample (8000 series)	Iw	Initial cal warninn. Ini cal file <> methnd	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Snike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fbe	An Extraction Before Collection Date	M18a M18b	Snike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmp	Problem Checkino Prep/rundates modcheckpreprunda	Mnc	Snike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginnino Calibratino
Fn	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibratino

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-63397

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: VOA STOCK INT/SURR MIX | BatchNumber: | ApproveDate: 09/03/09
Prep Date: 4/2/2009 | Concentration: 1500 ppm | Checked: Yes
Expiration Date: 4/2/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3178	1,2-Dichloroethane-d4	150 mg	NEAT	1500 ppm
1297	TOLUENE-D8	150 mg	NEAT	1500 ppm
1295	CHLOROBENZENE-D5	150 mg	NEAT	1500 ppm
3741	Methanol	100 ml	neat neat	
3661	Fluorobenzene	150 mg	NEAT	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm
777	1-bromo-4-fluorobenzene	150 mg	neat	1500 ppm
2615	1,4-Dichlorobenzene-d4	150 mg	neat neat	1500 ppm

Veritech Lot Number: V-65724

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: CYCLOHEXANONE | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/13/2009 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	100 mg	NEAT	10000 ppm
4030	METHANOL	10 ml	NEAT neat	

Veritech Lot Number: V-65725

Prepared By: Revolus, Jean | Department: Organics | ApprovedBy: jean
Description: CYCLOHEXANONE(2nd Source) | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 5/13/2009 | Concentration: 10000 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2726	CYCLOHEXANONE	100 mg	NEAT	10000 ppm
4030	METHANOL	10 ml	NEAT neat	

Veritech Lot Number: V-71991

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: jean
Description: VOA WORKING INT/SURR MIX | BatchNumber: | ApproveDate: 08/28/09
Prep Date: 8/25/2009 | Concentration: 150 ppm | Checked: Yes
Expiration Date: 1/25/2010 | Final Volume: 250 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	225 ml	NEAT	
V-63397	VOA STOCK INT/SURR MIX	25 ml	1500 ppm	150 ppm

Veritech Lot Number: V-77129

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: BFB Tune Mix | BatchNumber: | ApproveDate: 11/24/09
Prep Date: 11/20/2009 | Concentration: 50 ppm | Checked: Yes
Expiration Date: 1/25/2010 | Final Volume: 1.5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-71991	VOA WORKING INT/SURR MIX	500 ul	150 ppm	50 ppm
1230	METHANOL	1000 ul	NEAT	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-77957

Prepared By: Previlon, Wilner
Description: VOA WORKING INT/SURR MIX
Prep Date: 12/8/2009
Expiration Date: 4/2/2010
Department: Organics
BatchNumber:
Concentration: 150 ppm
Final Volume: 200 ml
ApprovedBy: DAN
ApproveDate: 12/09/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1912	METHANOL	180 ml	NEAT	
V-63397	VOA STOCK INT/SURR MIX	20 ml	1500 ppm	150 ppm

Veritech Lot Number: V-80241

Prepared By: Batelli, Daniel
Description: VOA ADD MIX
Prep Date: 1/25/2010
Expiration Date: 12/31/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 01/26/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm
1230	METHANOL	5 ml	NEAT	

Veritech Lot Number: V-80242

Prepared By: Batelli, Daniel
Description: VOA ADD MIX(2nd Source)
Prep Date: 1/25/2010
Expiration Date: 12/31/2010
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 01/26/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2889	1,2,4,5-TETRAMETHYLBENZENE	25 mg	NEAT	5000 ppm
2881	p-DIETHYLBENZENE	25 mg	NEAT	5000 ppm
2880	p-ETHYLTOLUENE	25 mg	NEAT	5000 ppm
1230	METHANOL	5 ml	NEAT	

Veritech Lot Number: V-81303

Prepared By: Previlon, Wilner
Description: 200ppm VOA Working Std
Prep Date: 2/17/2010
Expiration Date: 5/4/2010
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 02/19/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4516	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1230	METHANOL	360 ul	NEAT	neat
4574	CUSTOM VOA MIX	100 ul	2000 ppm	various ppm
4599	8260 ADDITIONS MIX	100 ul	2000 ppm	200 ppm
4600	GASES	100 ul	2000 ppm	200 ppm
4515	tert-Amyl Methyl Ether	100 ul	2000 ppm	200 ppm
V-80241	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-65724	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81304

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: MBS | BatchNumber: | ApproveDate: 02/19/10
Prep Date: 2/17/2010 | Concentration: 100 ppm | Checked: Yes
Expiration Date: 5/13/2010 | Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4616	8260 ADDITIONS MIX	50 ul	2000 ppm	100 ppm
4285	502/524 VOA CAL MIX	50 ul	2000 ppm	100 ppm
4608	VOA COMP MIX #6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
4575	CUSTOM VOA MIX	50 ul	2000 ppm	various ppm
V-80242	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
V-65725	CYCLOHEXANONE(2nd Source)	50 ul	10000 ppm	500 ppm
4269	tert-Amyl, Methyl Ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-81603

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 500 PPB | BatchNumber: | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 40 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81303	200ppm VOA Working Std	100 ul	VARIOUS pp	500 ppb
1398	p&t water	40 ml	neat neat	neat
4457	CHLORODIFLUOROMETHANE	100 ul	200 ppm	500 ppb

Veritech Lot Number: V-81604

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 250 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81603	Soil8260 CAL @ 500 PPB	2.5 ml	VARIOUS pp	250 ppb
1398	p&t water	2.5 ml	neat neat	

Veritech Lot Number: V-81605

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 100 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	1 ml	VARIOUS pp	100 ppb

Veritech Lot Number: V-81606

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 50 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81603	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb
1398	p&t water	4.5 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81607

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 20 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.8 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb

Veritech Lot Number: V-81608

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 10 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.9 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb

Veritech Lot Number: V-81609

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 5 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.95 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb

Veritech Lot Number: V-81610

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 1 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.99 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb

Veritech Lot Number: V-81611

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 500 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81603	Soil8260 CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Lot Number: V-81612

Prepared By: Previlon, Wilner | Department: Organics | ApprovedBy: DAN
Description: Soil8260 CAL @ 0.5 PPB | BatchNumber: B-7221 | ApproveDate: 02/24/10
Prep Date: 2/23/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 2/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.995 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.005 ml	VARIOUS pp	0.5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81613

Prepared By: Previlon, Wilner
Description: ICV CAL @ 50 PPB
Prep Date: 2/23/2010
Expiration Date: 2/24/2010
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 02/24/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	5 ml	neat neat	
V-81304	MBS	2.5 ul	100 ppm	50 ppb
4457	CHLORODIFLUOROMETHANE	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-81927

Prepared By: Previlon, Wilner
Description: MBS
Prep Date: 3/2/2010
Expiration Date: 5/13/2010
Department: Organics
BatchNumber:
Concentration: 100 ppm
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4616	8260 ADDITIONS MIX	50 ul	2000 ppm	100 ppm
4285	502/524 VOA CAL MIX	50 ul	2000 ppm	100 ppm
4608	VOA COMP MIX #6(GASES)	50 ul	2000 ppm	100 ppm
1308	METHANOL	680 ul	NEAT	neat neat
4575	CUSTOM VOA MIX	50 ul	2000 ppm	various ppm
V-80242	VOA ADD MIX(2nd Source)	20 ul	5000 ppm	100 ppm
V-65725	CYCLOHEXANONE(2nd Source)	50 ul	10000 ppm	500 ppm
4269	tert-Amyl, Methyl Ether	50 ul	2000 ppm	100 ppm

Veritech Lot Number: V-82033

Prepared By: Previlon, Wilner
Description: CAL @ 50 PPB
Prep Date: 3/3/2010
Expiration Date: 3/4/2010
Department: Organics
BatchNumber:
Concentration: VARIOUS ppb
Final Volume: 5 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81303	200ppm VOA Working Std	1.25 ul	VARIOUS pp	50 ppb
1398	p&t water	5 ml	neat neat	
4457	CHLORODIFLUOROMETHANE	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-82208

Prepared By: Goring, Shawn
Description: 200ppm VOA Working Std
Prep Date: 3/5/2010
Expiration Date: 5/4/2010
Department: Organics
BatchNumber:
Concentration: VARIOUS pp
Final Volume: 1 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4516	502/524 VOA CAL MIX	100 ul	2000 ppm	200 ppm
1230	METHANOL	360 ul	NEAT	neat
4574	CUSTOM VOA MIX	100 ul	2000 ppm	various ppm
4599	8260 ADDITIONS MIX	100 ul	2000 ppm	200 ppm
4600	GASES	100 ul	2000 ppm	200 ppm
4515	tert-Amyl Methyl Ether	100 ul	2000 ppm	200 ppm
V-80241	VOA ADD MIX	40 ul	5000 ppm	200 ppm
V-65724	CYCLOHEXANONE	100 ul	10000 ppm	1000 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-82209

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 250 PPB
Prep Date: 3/5/2010
Expiration Date: 3/12/2010
Department: Organics
BatchNumber: B-7271
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	125 ul	VARIOUS pp	250 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	125 ul	200 ppm	250 ppb

Veritech Lot Number: V-82210

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 100 PPB
Prep Date: 3/5/2010
Expiration Date: 3/12/2010
Department: Organics
BatchNumber: B-7271
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	50 ul	VARIOUS pp	100 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	50 ul	200 ppm	100 ppb

Veritech Lot Number: V-82211

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 50 PPB
Prep Date: 3/5/2010
Expiration Date: 3/12/2010
Department: Organics
BatchNumber: B-7271
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	25 ul	VARIOUS pp	50 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	25 ul	200 ppm	50 ppb

Veritech Lot Number: V-82212

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 20 PPB
Prep Date: 3/5/2010
Expiration Date: 3/12/2010
Department: Organics
BatchNumber: B-7271
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-82213

Prepared By: Goring, Shawn
Description: 624/8260 CAL @ 10 PPB
Prep Date: 3/5/2010
Expiration Date: 3/12/2010
Department: Organics
BatchNumber: B-7271
Concentration: VARIOUS ppb
Final Volume: 100 ml
ApprovedBy: DAN
ApproveDate: 03/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	5 ul	VARIOUS pp	10 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	5 ul	200 ppm	10 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-82214

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 5 PPB | BatchNumber: B-7271 | ApproveDate: 03/08/10
Prep Date: 3/5/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 3/12/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	2.5 ul	VARIOUS pp	5 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	2.5 ul	200 ppm	5 ppb

Veritech Lot Number: V-82215

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 1 PPB | BatchNumber: B-7271 | ApproveDate: 03/08/10
Prep Date: 3/5/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 3/12/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	.5 ul	VARIOUS pp	1 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	.5 ul	200 ppm	1 ppb

Veritech Lot Number: V-82216

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 0.5 PPB | BatchNumber: B-7271 | ApproveDate: 03/08/10
Prep Date: 3/5/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 3/12/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	.25 ul	VARIOUS pp	0.5 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	.25 ul	200 ppm	0.5 ppb

Veritech Lot Number: V-82217

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: 624/8260 CAL @ 500 PPB | BatchNumber: B-7271 | ApproveDate: 03/08/10
Prep Date: 3/5/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 3/12/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	250 ul	VARIOUS pp	500 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	250 ul	200 ppm	500 ppb

Veritech Lot Number: V-82218

Prepared By: Goring, Shawn | Department: Organics | ApprovedBy: DAN
Description: ICV CAL @ 20 PPB | BatchNumber: | ApproveDate: 03/08/10
Prep Date: 3/5/2010 | Concentration: VARIOUS ppb | Checked: Yes
Expiration Date: 3/12/2010 | Final Volume: 100 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81927	MBS	20 ul	100 ppm	20 ppb
4601	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb
1398	p&t water	100 ml	neat neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-82298

Prepared By:	Previlon, Wilner	Department: Organics	ApprovedBy: DAN
Description:	CAL @ 20 PPB	BatchNumber:	ApproveDate: 03/08/10
Prep Date:	3/8/2010	Concentration: VARIOUS ppb	Checked: Yes
Expiration Date:	3/15/2010	Final Volume: 100 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Lot Number: V-82358

Prepared By:	Previlon, Wilner	Department: Organics	ApprovedBy: DAN
Description:	CAL @ 20 PPB	BatchNumber:	ApproveDate: 03/09/10
Prep Date:	3/9/2010	Concentration: VARIOUS ppb	Checked: Yes
Expiration Date:	3/16/2010	Final Volume: 100 ml	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-82208	200ppm VOA Working Std	10 ul	VARIOUS pp	20 ppb
1398	p&t water	100 ml	neat neat	
4601	CHLORODIFLUOROMETHANE	10 ul	200 ppm	20 ppb

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 777

Description
1-bromo-4-fluorobenzene

ApprovedBy: jean
ApproveDate: 09/03/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	b6,720-1	08115kn	06/05/01	06/11/11	jean	1	25ml	neat	

Veritech Control/Receipt Number: 1230

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	045850	06/22/05	06/22/15	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1295

Description
CHLOROBENZENE-D5

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	176605-1G	02702EA	09/06/05	09/30/15	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 1297

Description
TOLUENE-D8

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	434388-5G	02504HB	09/06/05	09/30/15	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1308

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	052204	09/14/05	09/14/10	Revolus, Jean	36	1L	NEAT	

Veritech Control/Receipt Number: 1398

Description
p&t water

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
veritech	na	na	01/01/08	11/01/10	Batelli, Daniel	1	na	neat	neat

Veritech Control/Receipt Number: 1912

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	A453-1	063720	09/07/06	08/28/10	Revolus, Jean	42	1L	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2726

Description
CYCLOHEXANONE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2326	352-153B	09/04/07	01/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2880

Description
p-ETHYLTOLUENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2413	376-30A	11/19/07	01/31/12	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2881

Description
p-DIETHYLBENZENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-2296	371-140A	11/19/07	12/31/10	Revolus, Jean	3	100m	NEAT	

Veritech Control/Receipt Number: 2889

Description
1,2,4,5-TETRAMETHYLBENZENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACROS ORGANI	409390050	A0214190	11/20/07	11/30/20	Revolus, Jean	1	1ML	NEAT	

Veritech Control/Receipt Number: 3178

Description
1,2-Dichloroethane-d4

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SIGMA-ALDRICH	396540-1G	EW0372	03/26/08	03/26/18	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3661

Description
Fluorobenzene

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F839	388-117B	10/06/08	09/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3693

Description
Dibromofluoromethane

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30634	A063048	10/22/08	09/30/13	Revolus, Jean	5	100m	NEAT	

Veritech Control/Receipt Number: 3741

Description
Methanol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G32E79	11/13/08	11/12/10	Okomeng, Maxwel	48	1LT	neat	neat

Veritech Control/Receipt Number: 4030

Description
METHANOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	907702	G49E42	04/07/09	04/06/11	Okomeng, Maxwel	48	1LT	NEAT	NEAT

Veritech Control/Receipt Number: 4269

Description
tert-Amyl, Methyl Ether

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A056353	07/24/09	11/30/12	Revolus, Jean	2	1ml	2000	PPM

Veritech Control/Receipt Number: 4285

Description
502/524 VOA CAL MIX

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	502111	LB66091	07/30/09	05/31/11	Revolus, Jean	3	1ml	2000	PPM

Veritech Control/Receipt Number: 4457

Description
CHLORODIFLUOROMETHANE

ApprovedBy: jean
ApproveDate: 10/14/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	209071278	10/14/09	07/29/19	Revolus, Jean	15	1ml	200	PPM

Veritech Control/Receipt Number: 4515

Description
tert-Amyl Methyl Ether

ApprovedBy: FRANK
ApproveDate: 11/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
RESTEK	30629	A056353	11/12/09	11/30/12	Revolus, Jean	1	1ml	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4516

Description
502/524 VOA CAL MIX

ApprovedBy: FRANK
ApproveDate: 11/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	LVOC-1JM	431-84A	11/12/09	10/31/10	Revolus, Jean	3	1ml	2000	PPM

Veritech Control/Receipt Number: 4574

Description
CUSTOM VOA MIX

ApprovedBy: jean
ApproveDate: 12/17/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	209121195	12/17/09	06/15/10	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 4575

Description
CUSTOM VOA MIX

ApprovedBy: jean
ApproveDate: 12/17/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	S-16418	209121205	12/17/09	06/15/10	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 4599

Description
8260 ADDITIONS MIX

ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-8260-ADD-10X	209091009-02	01/08/10	05/04/10	Revolus, Jean	3	1ml	2000	PPM

Veritech Control/Receipt Number: 4600

Description
GASES

ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	M-601B-10X-PAK	209091042	01/08/10	09/09/12	Revolus, Jean	5	1ml	2000	PPM

Veritech Control/Receipt Number: 4601

Description
CHLORODIFLUOROMETHANE

ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	ALR-CFC-003S-2X	209121020	01/08/10	12/02/19	Revolus, Jean	10	1ml	200	PPM

Veritech Control/Receipt Number: 4608

Description
VOA COMP MIX #6(GASES)

ApprovedBy: DAN
ApproveDate: 01/12/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	48799-U	LB72461	01/11/10	03/31/11	Batelli, Daniel	4	1mL	2000	PPM

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4616

Description
8260 ADDITIONS MIX

ApprovedBy: jean
ApproveDate: 01/15/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	46831-U	LB64417	01/12/10	01/31/11	Revolus, Jean	1	1ml	2000	PPM

GC/MS Semi-Volatile Data

GC/MS Semi-Volatile Data
QC Summary

FORM2

Surrogate Recovery

Method: EPA 8270C

Dfile	Sample#	Matrix	Date/Time	Surr Dil	Dilute Out Flag	Column1 S1 Recov	Column1 S2 Recov	Column1 S3 Recov	Column1 S4 Recov	Column1 S5 Recov	Column1 S6 Recov
9M23585.D	SMB4433	Soil	03/05/10 13:29	1		118	118	93	100	124	96
9M23594.D	AC50108-001	Soil	03/05/10 18:05	1		101	102	91	87	130	98
9M23609.D	AC50108-002	Soil	03/08/10 09:23	1		94	96	87	85	132	88
9M23616.D	AC50108-003(	Soil	03/08/10 12:54	45		74	94	58	104	118	158
9M23595.D	AC50108-004	Soil	03/05/10 18:28	1		105	103	98	91	136	93
9M23612.D	AC50108-005(	Soil	03/08/10 10:31	5		99	102	82	94	128	94
9M23584.D	SMB4433(MS)	Soil	03/05/10 13:06	1		116	119	101	92	129	95
9M23589.D	AC50087-003	Soil	03/05/10 16:11	1		97	97	89	87	118	93
9M23592.D	AC50087-003(	Soil	03/05/10 17:19	1		103	104	96	90	132	104
9M23593.D	AC50087-003(	Soil	03/05/10 17:42	1		106	108	94	89	125	89

Flags: SD=Surrogate diluted out

*=Surrogate out

Method: 8270

Soil Limits

Compound	Spike Amt	Limits
S1=2-Fluorophenol	100	35-118
S2=Phenol-d5	100	36-121
S3=Nitrobenzene-d5	50	34-128
S4=2-Fluorobiphenyl	50	42-125
S5=2,4,6-Tribromophenol	100	27-155
S6=Terphenyl-d14	50	40-158

FORM 3

Spike Recovery

Batch Number: SMB4433
Mbs Name: SMB4433(MS)
Ns Name: AC50087-003
Ms Name: AC50087-003(MS)
Msd Name: AC50087-003(MSD

Mbs File: 9M23584.D
Non Spk'd File: 9M23589.D
Spike File: 9M23592.D
Spike Dup File: 9M23593.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 03/05/10 13:06
Non Spk'd Date: 03/05/10 16:11
Spike Date : 03/05/10 17:19
Spike Dup Date: 03/05/10 17:42

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	16	1	0	100	35	130	31	101.68	0.00	88.69	97.47	102	89	97	9.4
2-Chlorophenol	17	1	0	100	43	131	32	107.53	0.00	94.99	100.43	108	95	100	5.6
1,4-Dichlorobenzene	20	1	0	50	26	128	41	47.36	0.00	41.50	45.13	95	83	90	8.4
2-Methylphenol	24	1	0	100	40	137	32	113.82	0.00	97.77	107.60	114	98	108	9.6
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	51.74	0.00	46.54	47.53	103	93	95	2.1
2,4-Dimethylphenol	34	1	0	100	47	135	32	102.86	0.00	91.01	96.29	103	91	96	5.6
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	43.76	0.00	41.00	42.07	88	82	84	2.6
Naphthalene	39	1	0	50	44	132	41	48.28	0.00	45.77	47.15	97	92	94	3
4-Chloro-3-methylphe	43	1	0	100	45	142	32	103.35	0.00	93.76	98.38	103	94	98	4.8
Acenaphthene	61	1	0	50	47	137	58	47.39	0.00	46.07	47.79	95	92	96	3.7
2,4-Dinitrotoluene	65	1	0	50	30	139	47	55.20	0.00	44.43	49.02	110	89	98	9.8
4-Nitrophenol	66	1	0	100	35	146	36	120.28	0.00	111.64	128.58	120	112	129	14
Fluorene	68	1	0	50	42	135	43	51.80	0.00	47.42	49.60	104	95	99	4.5
Pentachlorophenol	81	1	0	100	38	132	37	121.28	0.00	116.22	115.58	121	116	116	0.55
Pyrene	88	1	0	50	45	167	53	41.07	0.00	43.46	41.25	82	87	82	5.2
Butylbenzylphthalate	94	1	0	50	45	157	40	46.00	0.00	49.85	44.91	92	100	90	10

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

FORM 4
Blank Summary

Blank Number: SMB4433
Blank Data File: 9M23585.D
Matrix: Soil

Blank Analysis Date: 03/05/10 13:29
Blank Extraction Date: 03/05/10
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC50108-001	9M23594.D	03/05/10 18:05
AC50108-002	9M23609.D	03/08/10 09:23
AC50108-003(10X)	9M23616.D	03/08/10 12:54
AC50108-004	9M23595.D	03/05/10 18:28
AC50108-005(5X)	9M23612.D	03/08/10 10:31
AC50087-003(MSD	9M23593.D	03/05/10 17:42
AC50087-003(MS)	9M23592.D	03/05/10 17:19
AC50087-003	9M23589.D	03/05/10 16:11
SMB4433(MS)	9M23584.D	03/05/10 13:06

Form 5

Tune Name: CAL DFTPP **Data File:** 9M23467.D
Instrument: GCMS 9 **Analysis Date:** 03/01/10 08:42
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.363 to 9.373 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.1	8304	PASS
68	69	0.00	2	1.4	143	PASS
69	198	0.00	100	51.7	10189	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	56.7	11178	PASS
197	198	0.00	1	0.4	79	PASS
198	198	100	100	100.0	19703	PASS
199	198	5	9	6.8	1332	PASS
275	198	10	30	26.6	5235	PASS
365	198	1	100	3.0	598	PASS
441	443	0.01	100	93.2	1780	PASS
442	198	40	100	47.4	9343	PASS
443	442	17	23	20.4	1910	PASS

Data File	Sample Number	Analysis Date:
9M23468.D	CAL BNA@50PPM	03/01/10 09:05
9M23469.D	CAL BNA@2PPM	03/01/10 09:34
9M23470.D	CAL BNA@10PPM	03/01/10 09:57
9M23471.D	CAL BNA@20PPM	03/01/10 10:20
9M23472.D	CAL BNA@80PPM	03/01/10 10:43
9M23473.D	CAL BNA@120PP	03/01/10 11:05
9M23474.D	CAL BNA@160PP	03/01/10 11:28
9M23475.D	CAL BNA@196PP	03/01/10 11:51
9M23476.D	CAL BNA@50PPM	03/01/10 12:44
9M23477.D	ICV BNA@50PPM	03/01/10 13:06
9M23478.D	SMB4427(MS)	03/01/10 13:45
9M23479.D	SMB4427	03/01/10 14:08
9M23480.D	OMB1357	03/01/10 14:30
9M23481.D	OMB1357(MS)	03/01/10 14:53
9M23482.D	SMB4425	03/01/10 15:15
9M23483.D	AC50015-006(2X)	03/01/10 15:38
9M23484.D	AC49952-001(5X)	03/01/10 16:01
9M23485.D	AC49987-013	03/01/10 16:23
9M23486.D	AC49987-014	03/01/10 16:46
9M23487.D	AC49987-015	03/01/10 17:08
9M23488.D	AC49987-016	03/01/10 17:31
9M23489.D	AC49987-024	03/01/10 17:53
9M23490.D	AC49987-028	03/01/10 18:16
9M23491.D	AC49987-029	03/01/10 18:39
9M23492.D	AC49968-001(3X)(	03/01/10 19:01
9M23493.D	AC49995-001(2X)	03/01/10 19:24
9M23494.D	AC50048-002(20X)	03/01/10 19:47
9M23495.D	AC50049-001(20X)	03/01/10 20:10
9M23496.D	AC50049-002(20X)	03/01/10 20:32
9M23497.D	AC50049-003(20X)	03/01/10 20:55

Form 5

Tune Name: CAL DFTPP **Data File:** 9M23581.D
Instrument: GCMS 9 **Analysis Date:** 03/05/10 11:33
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.272 to 9.283 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.0	15075	PASS
68	69	0.00	2	1.4	231	PASS
69	198	0.00	100	55.4	16723	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.0	16282	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	30173	PASS
199	198	5	9	7.5	2265	PASS
275	198	10	30	26.5	8001	PASS
365	198	1	100	3.1	950	PASS
441	443	0.01	100	70.1	2024	PASS
442	198	40	100	44.2	13336	PASS
443	442	17	23	21.7	2888	PASS

Data File	Sample Number	Analysis Date:
9M23582.D	CAL BNA@50PPM	03/05/10 12:19
9M23583.D	AC50095-002(100	03/05/10 12:43
9M23584.D	SMB4433(MS)	03/05/10 13:06
9M23585.D	SMB4433	03/05/10 13:29
9M23586.D	AC50095-003(100	03/05/10 13:52
9M23587.D	AC50081-001(10X)	03/05/10 14:15
9M23588.D	AC50091-001(3X)	03/05/10 15:26
9M23589.D	AC50087-003	03/05/10 16:11
9M23590.D	AC50112-001(10X)	03/05/10 16:34
9M23591.D	AC50106-001(20X)	03/05/10 16:57
9M23592.D	AC50087-003(MS)	03/05/10 17:19
9M23593.D	AC50087-003(MSD	03/05/10 17:42
9M23594.D	AC50108-001	03/05/10 18:05
9M23595.D	AC50108-004	03/05/10 18:28
9M23596.D	AC49930-021(10X)	03/05/10 18:51
9M23597.D	AC49930-019(20X)	03/05/10 19:13
9M23598.D	AC50108-003(20X)	03/05/10 19:36
9M23599.D	AC50108-005(20X)	03/05/10 19:59
9M23600.D	AC50109-001(3X)	03/05/10 20:21
9M23601.D	AC50108-002(10X)	03/05/10 20:44
9M23602.D	AC50112-001(3X)	03/05/10 21:07
9M23603.D	AC50106-001(10X)	03/05/10 21:29
9M23604.D	TEST	03/05/10 21:52
9M23605.D	TEST	03/05/10 22:14
9M23606.D	TEST	03/05/10 22:37

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M23607.D
Analysis Date: 03/08/10 08:12
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.256 to 9.272 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	48.9	8336	PASS
68	69	0.00	2	2.0	179	PASS
69	198	0.00	100	53.0	9030	PASS
70	69	0.00	2	0.5	46	PASS
127	198	40	60	49.4	8430	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	17051	PASS
199	198	5	9	6.0	1018	PASS
275	198	10	30	26.9	4582	PASS
365	198	1	100	3.1	525	PASS
441	443	0.01	100	84.5	1628	PASS
442	198	40	100	58.0	9886	PASS
443	442	17	23	19.5	1926	PASS

Data File	Sample Number	Analysis Date:
9M23608.D	CAL BNA@50PPM	03/08/10 08:55
9M23609.D	AC50108-002	03/08/10 09:23
9M23610.D	AC49930-019(3X)	03/08/10 09:46
9M23611.D	AC49930-021(3X)	03/08/10 10:09
9M23612.D	AC50108-005(5X)	03/08/10 10:31
9M23613.D	AC50108-003(5X)	03/08/10 10:54
9M23614.D	AC49930-021(3X)	03/08/10 12:03
9M23615.D	AC50108-003(5X)	03/08/10 12:26
9M23616.D	AC50108-003(10X)	03/08/10 12:54
9M23617.D	SMB4434(MS)	03/08/10 13:17
9M23618.D	SMB4434	03/08/10 13:39
9M23619.D	AC50052-005	03/08/10 15:05
9M23620.D	AC50146-001	03/08/10 15:28
9M23621.D	AC50198-001	03/08/10 15:50
9M23622.D	AC50198-002	03/08/10 16:13
9M23623.D	AC50198-002(MS)	03/08/10 16:36
9M23624.D	AC50198-002(MSD	03/08/10 16:58
9M23625.D	MBS TEST	03/08/10 17:21
9M23626.D	AC50198-003	03/08/10 17:44
9M23627.D	AC50198-004	03/08/10 18:07
9M23628.D	AC50052-005(3X)	03/08/10 18:30

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23476.D Method: EPA 8270C

Analysis Date/Time: 03/01/10 12:44

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	31691	5.27	115191	6.29	62279	7.65	107264	9.04	91604	12.06	96501	13.66
Eval File Area Limit:	15846-63382		57596-230382		31140-124558		53632-214528		45802-183208		48250-193002	
Eval File Rt Limit:	4.77-5.77		5.79-6.79		7.15-8.15		8.54-9.54		11.56-12.56		13.16-14.16	

Data File	Sample											
9M23469.D	CAL BNA@2F	26897	5.27	107296	6.29	61399	7.65	102767	9.05	92700	12.06	96192	13.66
9M23470.D	CAL BNA@1C	28973	5.27	105273	6.29	59705	7.64	103563	9.04	91929	12.06	98227	13.66
9M23471.D	CAL BNA@2C	27463	5.27	102284	6.29	57313	7.64	96624	9.04	82834	12.06	86113	13.66
9M23472.D	CAL BNA@8C	26446	5.27	95956	6.29	52846	7.65	91318	9.05	78190	12.06	82204	13.66
9M23473.D	CAL BNA@12	27421	5.27	97857	6.29	56362	7.65	93802	9.05	82354	12.07	85759	13.66
9M23474.D	CAL BNA@16	27851	5.27	101155	6.29	56718	7.65	96597	9.05	82050	12.07	88342	13.66
9M23475.D	CAL BNA@1S	27647	5.27	105816	6.29	59899	7.65	101572	9.05	79056	12.07	84861	13.66
9M23476.D	CAL BNA@5C	31691	5.27	115191	6.29	62279	7.65	107264	9.04	91604	12.06	96501	13.66
9M23477.D	ICV BNA@50	26472	5.27	97785	6.29	56503	7.64	91978	9.04	82667	12.06	83451	13.65
9M23478.D	SMB4427(MS	33285	5.27	120209	6.29	65844	7.65	109112	9.05	89438	12.05	82726	13.65
9M23479.D	SMB4427	31867	5.27	121314	6.29	65366	7.64	106424	9.04	91067	12.05	90717	13.65
9M23480.D	OMB1357	27721	5.27	101214	6.29	55698	7.64	95876	9.04	82405	12.05	84929	13.65
9M23481.D	OMB1357(MS	26776	5.27	100325	6.29	59350	7.64	96384	9.04	87414	12.05	90148	13.65
9M23482.D	SMB4425	34216	5.27	125730	6.29	68664	7.64	109250	9.04	94932	12.05	95557	13.65
9M23483.D	AC50015-006	31214	5.27	115275	6.29	63020	7.64	102027	9.04	85978	12.05	90191	13.65
9M23484.D	AC49952-001	31789	5.27	124916	6.29	72896	7.64	121298	9.04	95385	12.05	91361	13.65
9M23485.D	AC49987-013	31788	5.27	120904	6.29	65128	7.64	93915	9.04	56829	12.08	61017	13.69
9M23486.D	AC49987-014	33379	5.27	131385	6.29	75077	7.64	120366	9.04	83625	12.05	82095	13.65
9M23487.D	AC49987-015	31457	5.27	122757	6.29	66785	7.64	106301	9.04	81582	12.05	86930	13.65
9M23488.D	AC49987-016	32562	5.27	122278	6.29	68433	7.64	111724	9.04	92804	12.05	92529	13.65
9M23489.D	AC49987-024	39179	5.27	130437	6.29	55351	7.65	70879	9.06	46050	12.17	75739	13.78
9M23490.D	AC49987-028	34590	5.27	130477	6.29	76010	7.65	126365	9.04	87025	12.06	82241	13.65
9M23491.D	AC49987-029	33780	5.27	132071	6.29	75828	7.64	124304	9.05	84974	12.06	85918	13.66
9M23492.D	AC49968-001	37354	5.29	131252	6.30	92141	7.64	147140	9.04	100927	12.05	93764	13.65
9M23493.D	AC49995-001	36629	5.27	142557	6.29	76050	7.65	126457	9.06	99363	12.06	99908	13.66
9M23494.D	AC50048-002	34344	5.27	129613	6.29	76030	7.65	112528	9.05	89996	12.06	95049	13.66
9M23495.D	AC50049-001	35308	5.27	142771	6.29	80863	7.64	129330	9.04	92378	12.06	96020	13.66
9M23496.D	AC50049-002	35693	5.27	139612	6.29	82251	7.65	136879	9.05	93186	12.06	96459	13.66
9M23497.D	AC50049-003	34898	5.27	127868	6.29	76451	7.65	132156	9.05	93733	12.06	94925	13.66

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenanthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23582.D Method: EPA 8270C

Analysis Date/Time: 03/05/10 12:19

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	26388	5.20	105590	6.23	60944	7.57	105196	8.96	104814	11.97	118050	13.56
Eval File Area Limit:	13194-52776		52795-211180		30472-121888		52598-210392		52407-209628		59025-236100	
Eval File Rt Limit:	4.7-5.7		5.73-6.73		7.07-8.07		8.46-9.46		11.47-12.47		13.06-14.06	

Data File	Sample											
9M23583.D	AC50095-002(	27549	5.20	117306	6.23	68877	7.57	116043	8.96	117049	11.96	137199	13.56
9M23584.D	SMB4433(MS.	23073	5.20	94147	6.23	56875	7.57	101733	8.96	104073	11.96	126048	13.56
9M23585.D	SMB4433	21452	5.20	90438	6.22	50562	7.57	96533	8.96	99042	11.96	126145	13.56
9M23586.D	AC50095-003(	25074	5.20	107158	6.22	59918	7.57	105942	8.96	105087	11.96	119684	13.56
9M23587.D	AC50081-001(	25031	5.20	98494	6.22	56578	7.57	93914	8.96	94251	11.96	108004	13.56
9M23588.D	AC50091-001(	24850	5.20	97006	6.22	52265	7.57	86885	8.96	79307	11.97	93025	13.56
9M23589.D	AC50087-003	27596	5.20	106989	6.22	59044	7.57	98397	8.96	88139	11.96	97538	13.56
9M23590.D	AC50112-001(	27238	5.20	98487	6.22	52655	7.57	86210	8.96	80615	11.96	92986	13.56
9M23591.D	AC50106-001(	27594	5.20	105318	6.23	58723	7.57	95123	8.96	78482	11.97	89709	13.57
9M23592.D	AC50087-003(	28195	5.21	109499	6.23	62423	7.57	107915	8.96	92073	11.96	93946	13.56
9M23593.D	AC50087-003(	21858	5.20	89746	6.23	52758	7.57	102663	8.96	108457	11.96	101520	13.56
9M23594.D	AC50108-001	28098	5.20	111022	6.22	63017	7.57	112050	8.96	101664	11.96	99161	13.56
9M23595.D	AC50108-004	25480	5.20	99142	6.22	57416	7.57	88592	8.96	77302	11.96	88668	13.56
9M23596.D	AC49930-021(	26675	5.20	103020	6.22	55352	7.57	95592	8.96	84981	11.96	99491	13.56
9M23597.D	AC49930-019(	26053	5.20	103189	6.22	61119	7.57	111492	8.96	105650	11.96	99239	13.56
9M23598.D	AC50108-003(	30339	5.20	114815	6.23	66443	7.57	112580	8.96	89303	11.97	94643	13.56
9M23599.D	AC50108-005(	31619	5.20	113899	6.23	65872	7.57	102447	8.96	85708	11.96	97161	13.56
9M23600.D	AC50109-001(	26799	5.20	107836	6.23	60946	7.57	109877	8.96	96463	11.96	97852	13.56
9M23601.D	AC50108-002(	29265	5.20	112046	6.22	64462	7.57	104879	8.96	85283	11.96	95471	13.56
9M23602.D	AC50112-001(	29122	5.20	108887	6.23	59655	7.57	91156	8.96	80130	11.97	90874	13.57
9M23603.D	AC50106-001(	28679	5.20	111912	6.23	63922	7.57	95197	8.96	73538	11.98	84052	13.58
9M23604.D	TEST	33772	5.21	129023	6.23	71147	7.58	117788	8.97	86217	11.97	99025	13.57
9M23605.D	TEST	29154	5.21	112838	6.23	63107	7.58	102174	8.96	88854	11.97	100436	13.57
9M23606.D	TEST	30233	5.20	118140	6.23	69253	7.58	123868	8.97	103431	11.98	105288	13.57

I1 =	1,4-Dichlorobenzene-d4	**I4 =**	Phenanthrene-d10	**625/8270 Internal Standard concentration = 40 mg/L (in final extract)**
I2 =	Naphthalene-d8	**I5 =**	Chrysene-d12	**624/8260 Internal Standard concentration = 30ug/L**
I3 =	Acenaphthene-d10	**I6 =**	Perylene-d12	**524 Internal Standard concentration =5ug/L**

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23608.D Method: EPA 8270C

Analysis Date/Time: 03/08/10 08:55

Lab File ID: CAL BNA@50PPM

	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	26239	5.19	102691	6.22	59663	7.57	98220	8.95	94189	11.95	107535	13.54
Eval File Area Limit:	13120-52478		51346-205382		29832-119326		49110-196440		47094-188378		53768-215070	
Eval File Rt Limit:	4.69-5.69		5.72-6.72		7.07-8.07		8.45-9.45		11.45-12.45		13.04-14.04	

Data File	Sample											
9M23609.D	AC50108-002	29328	5.19	113961	6.21	64606	7.56	98496	8.94	84213	11.95	87875	13.55
9M23610.D	AC49930-019(	26394	5.19	107573	6.21	65301	7.56	106774	8.94	79101	11.94	86283	13.54
9M23611.D	AC49930-021(	29668	5.19	117157	6.21	65221	7.56	102677	8.94	81779	11.94	91721	13.54
9M23612.D	AC50108-005(	27031	5.19	104114	6.21	55409	7.56	90569	8.94	71905	11.95	84518	13.55
9M23613.D	AC50108-003(	24765	5.19	96159	6.21	50024	7.56	80936	8.94	68139	11.95	80088	13.55
9M23614.D	AC49930-021(	30412	5.19	117155	6.21	63775	7.56	96929	8.94	76961	11.94	87799	13.54
9M23615.D	AC50108-003(	27528	5.19	104095	6.21	57412	7.56	92476	8.94	75254	11.95	88226	13.56
9M23616.D	AC50108-003(	26935	5.19	108576	6.21	59779	7.56	96047	8.94	68844	11.95	74184	13.55
9M23617.D	SMB4434(MS.	26583	5.19	108135	6.21	64223	7.56	104112	8.94	76836	11.94	85630	13.54
9M23618.D	SMB4434	30802	5.19	125313	6.21	67069	7.56	104023	8.94	78895	11.94	92237	13.54
9M23619.D	AC50052-005	24895	5.19	77037	6.22	45730	7.57	72446	8.96	69472	11.95	80509	13.54
9M23620.D	AC50146-001	31502	5.19	125819	6.21	73472	7.56	119245	8.94	86678	11.94	95277	13.54
9M23621.D	AC50198-001	33239	5.19	129766	6.21	71886	7.56	108295	8.94	82985	11.94	95488	13.54
9M23622.D	AC50198-002	31417	5.19	122269	6.21	67105	7.56	103765	8.94	78725	11.94	90629	13.54
9M23623.D	AC50198-002(	30585	5.19	119962	6.21	65571	7.56	99098	8.94	77707	11.94	88893	13.54
9M23624.D	AC50198-002(	28910	5.19	112263	6.21	59580	7.56	93725	8.94	77714	11.94	90458	13.54
9M23625.D	MBS TEST	25702	5.19	98190	6.21	55831	7.56	97071	8.94	94556	11.95	101070	13.54
9M23626.D	AC50198-003	27861	5.19	113820	6.21	65306	7.56	109268	8.94	77989	11.94	86670	13.54
9M23627.D	AC50198-004	26305	5.19	109111	6.21	60852	7.56	93867	8.94	74503	11.94	83542	13.54
9M23628.D	AC50052-005(	15205	5.19	60117	6.21	36178	7.56	59596	8.94	54635	11.94	62100	13.54

I1 =	1,4-Dichlorobenzene-d4	I4 =	Phenanthrene-d10	625/8270 Internal Standard concentration = 40 mg/L (in final extract)
I2 =	Naphthalene-d8	I5 =	Chrysene-d12	624/8260 Internal Standard concentration = 30ug/L
I3 =	Acenaphthene-d10	I6 =	Perylene-d12	524 Internal Standard concentration =5ug/L

QC Limits:

Internal Standard Areas

Upper Limit = + 100% of internal standard area from daily cal or mid pt.

Lower Limit = - 50% of internal standard area from daily cal or mid pt.

Flags:

A - Indicates the compound failed the internal standard area criteria

R - Indicates the compound failed the internal standard retention time criteria.

Retention Times: Limit = within +/- 0.5 min of internal standard retention time from the daily cal or mid pt.

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210S01
Data File: 9M23594.D
Analysis Date: 03/05/10 18:05
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 56

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.12	U	191-24-2	Benzo[g,h,i]perylene	0.12	U
122-66-7	1,2-Diphenylhydrazine	0.12	U	207-08-9	Benzo[k]fluoranthene	0.12	U
95-95-4	2,4,5-Trichlorophenol	0.12	U	65-85-0	Benzoic Acid	0.60	U
88-06-2	2,4,6-Trichlorophenol	0.12	U	111-91-1	bis(2-Chloroethoxy)methan	0.12	U
120-83-2	2,4-Dichlorophenol	0.12	U	111-44-4	bis(2-Chloroethyl)ether	0.12	U
105-67-9	2,4-Dimethylphenol	0.12	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
51-28-5	2,4-Dinitrophenol	0.60	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.12	U
121-14-2	2,4-Dinitrotoluene	0.12	U	85-68-7	Butylbenzylphthalate	0.12	U
606-20-2	2,6-Dinitrotoluene	0.12	U	86-74-8	Carbazole	0.12	U
91-58-7	2-Chloronaphthalene	0.12	U	218-01-9	Chrysene	0.12	U
95-57-8	2-Chlorophenol	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.12	U
91-57-6	2-Methylnaphthalene	0.12	U	132-64-9	Dibenzofuran	0.12	U
95-48-7	2-Methylphenol	0.12	U	84-66-2	Diethylphthalate	0.12	U
88-74-4	2-Nitroaniline	0.12	U	131-11-3	Dimethylphthalate	0.12	U
88-75-5	2-Nitrophenol	0.12	U	84-74-2	Di-n-butylphthalate	0.12	U
106-44-5	3&4-Methylphenol	0.12	U	117-84-0	Di-n-octylphthalate	0.12	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	206-44-0	Fluoranthene	0.12	U
99-09-2	3-Nitroaniline	0.12	U	86-73-7	Fluorene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.60	U	118-74-1	Hexachlorobenzene	0.12	U
101-55-3	4-Bromophenyl-phenylether	0.12	U	87-68-3	Hexachlorobutadiene	0.12	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.60	U
106-47-8	4-Chloroaniline	0.12	U	67-72-1	Hexachloroethane	0.12	U
7005-72-3	4-Chlorophenyl-phenylether	0.12	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.12	U
100-01-6	4-Nitroaniline	0.12	U	78-59-1	Isophorone	0.12	U
100-02-7	4-Nitrophenol	0.12	U	91-20-3	Naphthalene	0.12	U
83-32-9	Acenaphthene	0.12	U	98-95-3	Nitrobenzene	0.12	U
208-96-8	Acenaphthylene	0.12	U	62-75-9	N-Nitrosodimethylamine	0.12	U
62-53-3	Aniline	0.12	U	621-64-7	N-Nitroso-di-n-propylamine	0.12	U
120-12-7	Anthracene	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.12	U
92-87-5	Benzidine	0.60	U	87-86-5	Pentachlorophenol	0.60	U
56-55-3	Benzo[a]anthracene	0.12	U	85-01-8	Phenanthrene	0.12	U
50-32-8	Benzo[a]pyrene	0.12	U	108-95-2	Phenol	0.12	U
205-99-2	Benzo[b]fluoranthene	0.12	U	129-00-0	Pyrene	0.12	U

Worksheet #: 144678

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-001
Client Id: PI-01-TP-RAP3030210
Data File: 9M23594.D
Analysis Date: 03/05/10 18:05
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 56
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.79	0.54 JAB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.69	290 JAB
3	111-76-2	Ethanol, 2-butoxy-	4.27	0.33 J
4		unknown	4.38	1.1 JB
5	5131-66-8	2-Propanol, 1-butoxy-	4.60	0.44 J
6	108-67-8	Benzene, 1,3,5-trimethyl-	5.06	0.25 J
7		unknown	6.20	0.37 JB
8	112-95-8	Eicosane	9.78	0.25 J
9	593-45-3	Octadecane	10.22	0.32 J
10	7225-64-1	Heptadecane, 9-octyl-	10.66	0.45 J
11	638-68-6	Triacontane	11.09	0.46 J
12	1560-97-0	Dodecane, 2-methyl-	11.50	0.53 J
13	593-45-3	Octadecane	11.64	0.24 J
14	629-99-2	Pentacosane	11.90	0.44 J
15		unknown	12.25	0.27 J
16	55282-12-7	Octadecane, 3-ethyl-5-(2-ethylbutyl)-	12.29	0.40 J
17		unknown	12.41	0.34 J
18	638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	12.78	0.36 J
19	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.04	2.1 J
20		unknown	15.64	0.25 J

Worksheet #: 144678

Total Tentatively Identified Concentration 300

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

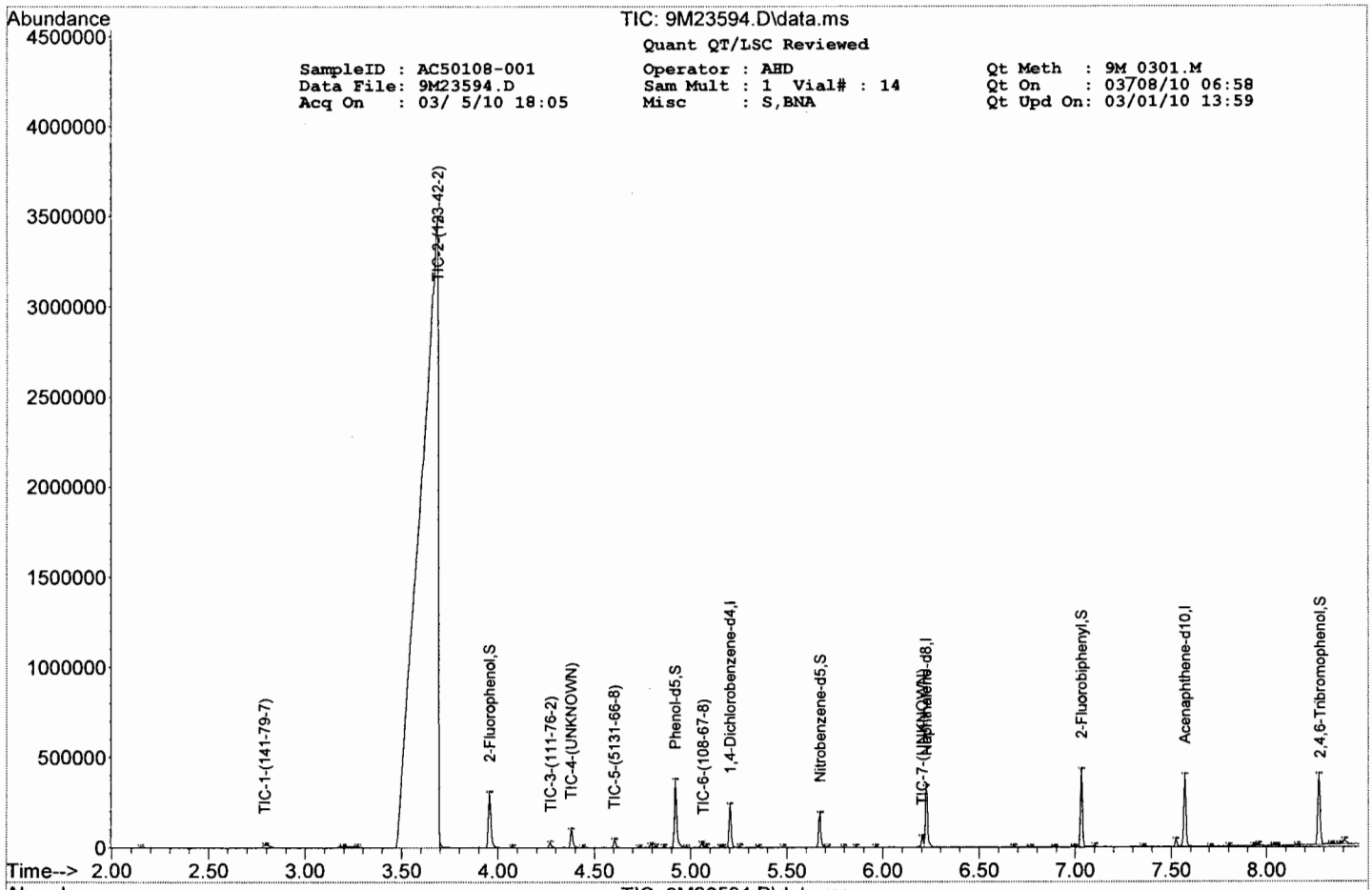
Quantitation Report (QT/LSC Reviewed)

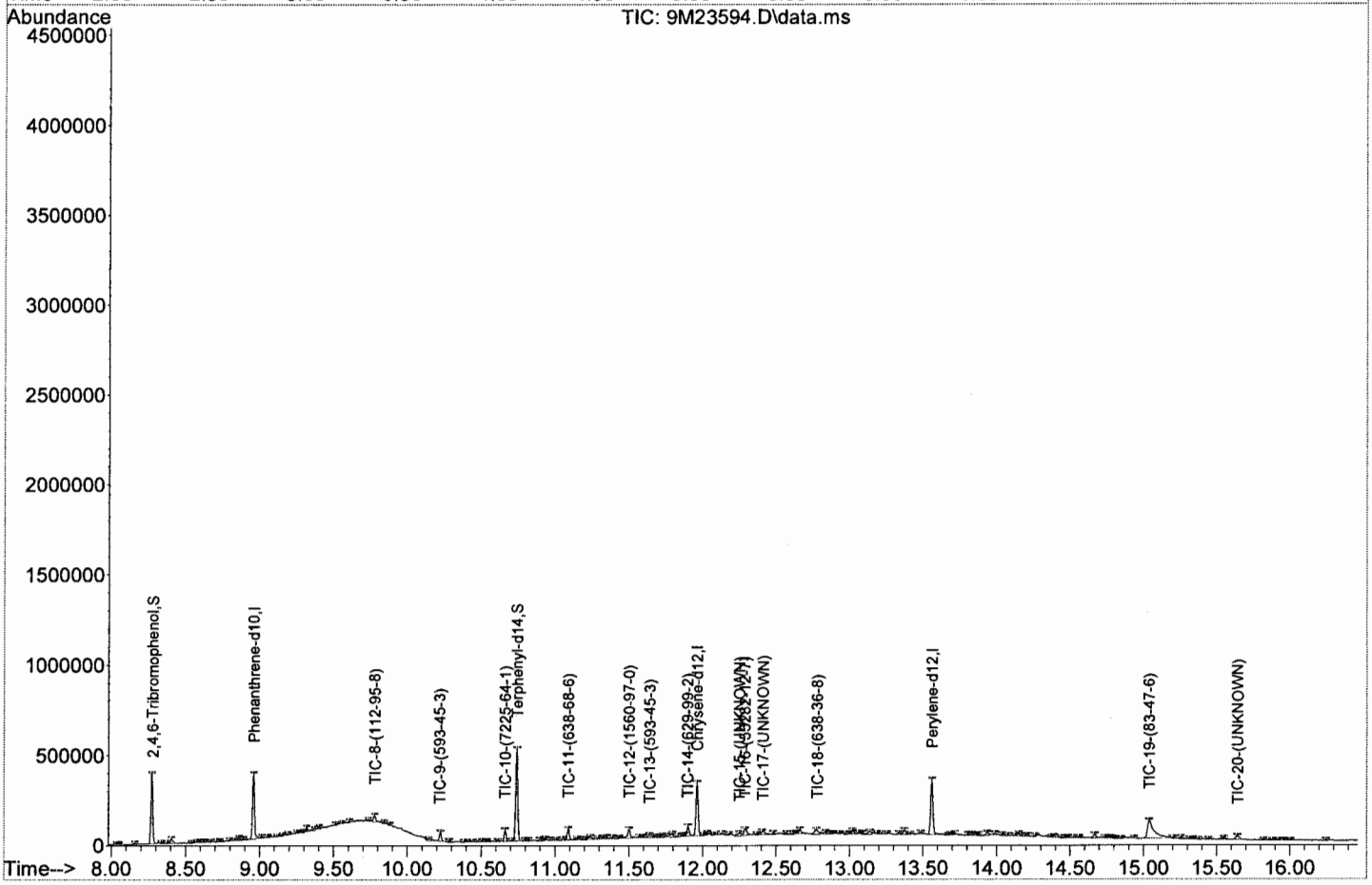
SampleID : AC50108-001 Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23594.D Sam Mult : 1 Vial# : 14 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 18:05 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	28098	40.00	ng	-0.06
29) Naphthalene-d8	6.223	136	111022	40.00	ng	-0.07
47) Acenaphthene-d10	7.571	164	63017	40.00	ng	-0.07
73) Phenanthrene-d10	8.962	188	112050	40.00	ng	-0.08
87) Chrysene-d12	11.962	240	101664	40.00	ng	-0.10
102) Perylene-d12	13.561	264	99161	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.955	112	76297	100.99	ng	-0.05
Spiked Amount 100.000			Recovery = 100.99%			
15) Phenol-d5	4.918	99	100430	101.94	ng	-0.06
Spiked Amount 100.000			Recovery = 101.94%			
30) Nitrobenzene-d5	5.672	128	21283	45.74	ng	-0.06
Spiked Amount 50.000			Recovery = 91.48%			
52) 2-Fluorobiphenyl	7.031	172	94000	43.60	ng	-0.06
Spiked Amount 50.000			Recovery = 87.20%			
76) 2,4,6-Tribromophenol	8.277	330	27036	129.80	ng	-0.08
Spiked Amount 100.000			Recovery = 129.80%			
90) Terphenyl-d14	10.743	244	142623	48.89	ng	-0.09
Spiked Amount 50.000			Recovery = 97.78%			
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.201		183711	40.00	ng	--
2) Naphthalene-d8	6.223		328385	40.00	ng	--
3) Acenaphthene-d10	7.571		313105	40.00	ng	--
4) Phenanthrene-d10	8.962		360887	40.00	ng	--
5) Chrysene-d12	11.962		303524	40.00	ng	--
6) Perylene-d12	13.561		332949	40.00	ng	--
Library Search Compounds						
1) 141-79-7	2.790		41300	8.99	ng	90
2) 123-42-2	3.690		22399663	4877.15	ng	50
3) 111-76-2	4.270		25446	5.54	ng	72
4) UNKNOWN	4.380		87931	19.15	ng	--
5) 5131-66-8	4.600		33880	7.38	ng	50
6) 108-67-8	5.060		19605	4.27	ng	93
7) UNKNOWN	6.200		51720	6.30	ng	--
8) 112-95-8	9.780		37216	4.12	ng	97
9) 593-45-3	10.220		49050	5.44	ng	91
10) 7225-64-1	10.660		57626	7.59	ng	91
11) 638-68-6	11.090		58730	7.74	ng	90
12) 1560-97-0	11.500		68086	8.97	ng	90
13) 593-45-3	11.640		30576	4.03	ng	58
14) 629-99-2	11.900		56069	7.39	ng	58
15) UNKNOWN	12.250		34244	4.51	ng	--
16) 55282-12-7	12.290		51104	6.73	ng	72
17) UNKNOWN	12.410		43402	5.72	ng	--
18) 638-36-8	12.780		50557	6.07	ng	53
19) 83-47-6	15.040		295649	35.52	ng	78
20) UNKNOWN	15.640		34552	4.15	ng	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23594.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-001
Data File: 9M23594.D
Acq On : 03/ 5/10 18:05
Operator : AHD
Sam Mult : 1 Vial# : 14
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/08/10 06:58
Qt Upd On: 03/01/10 13:59
TIC-1-(141-79-7)
TIC-2-(123-42-2)
2-Fluorophenol,S
TIC-3-(111-76-2)
TIC-4-(UNKNOWN)
TIC-5-(5131-66-8)
Phenol-d5,S
TIC-6-(108-67-8)
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 9M23594.D\data.ms
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
TIC-8-(112-95-8)
TIC-9-(593-45-3)
TIC-10-(7225-64-1)
Terphenyl-d14,S
TIC-11-(638-68-6)
TIC-12-(1560-97-0)
TIC-13-(593-45-3)
TIC-14-(629-99-2)
Chrysene-d12,I
TIC-17-(UNKNOWN)
TIC-18-(638-36-8)
Perylene-d12,I
TIC-19-(83-47-6)
TIC-20-(UNKNOWN)
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.147	28	30	36	rVB2	4347	5488	0.02%	0.019%
2	2.795	146	151	166	rBV5	15900	41300	0.18%	0.145%
3	3.196	217	226	227	rBV4	8462	15310	0.07%	0.054%
4	3.271	238	240	244	rVB2	5566	5427	0.02%	0.019%
5	3.688	277	318	320	rBV	3490469	22399663	100.00%	78.465%
6	3.955	364	368	380	rBV	301575	275977	1.23%	0.967%
7	4.073	388	390	399	rVB	5386	5937	0.03%	0.021%
8	4.271	424	427	437	rBV	25419	25446	0.11%	0.089%
9	4.378	444	447	455	rBV	95830	87931	0.39%	0.308%
10	4.437	455	458	461	rBV	5133	3824	0.02%	0.013%
11	4.602	486	489	499	rVB	40583	33880	0.15%	0.119%
12	4.731	507	513	517	rBV	4614	4803	0.02%	0.017%
13	4.790	520	524	527	rBV	15797	13422	0.06%	0.047%
14	4.816	527	529	533	rVV	9131	7733	0.03%	0.027%
15	4.859	533	537	541	rVB	8040	6623	0.03%	0.023%
16	4.918	545	548	557	rBV	370893	320889	1.43%	1.124%
17	4.977	557	559	565	rVB4	3845	4571	0.02%	0.016%
18	5.057	570	574	576	rBV	24784	19605	0.09%	0.069%
19	5.078	576	578	582	rVB2	9463	7533	0.03%	0.026%
20	5.153	587	592	593	rBV	4633	4679	0.02%	0.016%
21	5.164	593	594	598	rVV2	5117	4384	0.02%	0.015%
22	5.201	598	601	608	rVV	235810	186344	0.83%	0.653%
23	5.255	608	611	615	rVB	8353	6262	0.03%	0.022%
24	5.351	626	629	632	rBV2	4751	3999	0.02%	0.014%
25	5.480	650	653	655	rBV	4720	4186	0.02%	0.015%
26	5.672	686	689	695	rBV	185696	144065	0.64%	0.505%
27	5.710	695	696	700	rVB	5530	4255	0.02%	0.015%
28	5.795	708	712	716	rVB2	4413	4071	0.02%	0.014%
29	5.859	721	724	726	rBV2	4931	3461	0.02%	0.012%
30	5.961	741	743	746	rVB	6409	5051	0.02%	0.018%
31	6.202	779	788	790	rBV	58714	51720	0.23%	0.181%
32	6.223	790	792	801	rVV	333129	275386	1.23%	0.965%
33	6.678	875	877	880	rVB	5560	4029	0.02%	0.014%
34	6.763	887	893	897	rVB2	1928	3011	0.01%	0.011%
35	6.892	913	917	922	rBV	2351	4371	0.02%	0.015%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

36	6.993	931	936	940	rVB5	3844	5759	0.03%	0.020%
37	7.031	940	943	947	rBV	426082	305691	1.36%	1.071%
38	7.100	952	956	961	rVB3	9575	9109	0.04%	0.032%
39	7.352	1000	1003	1005	rBV3	4120	3303	0.01%	0.012%
40	7.523	1032	1035	1039	rBV3	38365	29735	0.13%	0.104%
41	7.571	1040	1044	1048	rBV	392319	304042	1.36%	1.065%
42	7.705	1066	1069	1071	rBV2	2660	3037	0.01%	0.011%
43	7.801	1084	1087	1088	rBV2	5452	3039	0.01%	0.011%
44	7.929	1108	1111	1113	rBV	3931	4236	0.02%	0.015%
45	7.956	1113	1116	1119	rVB3	10407	9178	0.04%	0.032%
46	8.036	1127	1131	1133	rBV5	2989	4143	0.02%	0.015%
47	8.052	1133	1134	1140	rVB4	4390	4273	0.02%	0.015%
48	8.159	1151	1154	1157	rBV3	7600	7760	0.03%	0.027%
49	8.272	1171	1175	1181	rBV	386902	334334	1.49%	1.171%
50	8.336	1185	1187	1192	rVB6	3971	4503	0.02%	0.016%
51	8.379	1192	1195	1196	rBV2	3669	3678	0.02%	0.013%
52	8.405	1196	1200	1205	rVB3	25372	28207	0.13%	0.099%
53	8.539	1221	1225	1228	rBV4	3496	6927	0.03%	0.024%
54	8.576	1229	1232	1234	rVV4	4991	4347	0.02%	0.015%
55	8.598	1234	1236	1238	rVV3	6702	5113	0.02%	0.018%
56	8.625	1238	1241	1242	rBV3	4265	3522	0.02%	0.012%
57	8.673	1247	1250	1251	rBV3	3650	2958	0.01%	0.010%
58	8.710	1255	1257	1258	rBV2	7063	3862	0.02%	0.014%
59	8.732	1258	1261	1264	rVV5	4835	5249	0.02%	0.018%
60	8.796	1269	1273	1274	rBV4	6598	6165	0.03%	0.022%
61	8.833	1276	1280	1282	rBV4	3327	3955	0.02%	0.014%
62	8.860	1282	1285	1289	rBV4	16917	18161	0.08%	0.064%
63	8.892	1289	1291	1294	rVV3	5907	6272	0.03%	0.022%
64	8.962	1299	1304	1307	rBV	361873	341110	1.52%	1.195%
65	9.015	1311	1314	1317	rBV5	9256	8981	0.04%	0.031%
66	9.058	1319	1322	1325	rBV4	5163	5467	0.02%	0.019%
67	9.117	1331	1333	1334	rBV2	3754	3183	0.01%	0.011%
68	9.154	1336	1340	1341	rBV3	6196	6257	0.03%	0.022%
69	9.192	1343	1347	1348	rBV4	8179	6988	0.03%	0.024%
70	9.250	1356	1358	1359	rBV2	4700	3332	0.01%	0.012%
71	9.272	1359	1362	1364	rBV4	5531	5946	0.03%	0.021%
72	9.299	1364	1367	1368	rBV3	8624	9081	0.04%	0.032%
73	9.320	1368	1371	1374	rBV4	25019	24505	0.11%	0.086%
74	9.373	1374	1381	1382	rBV6	11241	18579	0.08%	0.065%
75	9.406	1384	1387	1389	rBV4	10306	10902	0.05%	0.038%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

76	9.512	1405	1407	1409	rBV2	8897	10182	0.05%	0.036%
77	9.561	1414	1416	1417	rBV2	4913	3590	0.02%	0.013%
78	9.609	1423	1425	1426	rBV2	7519	3716	0.02%	0.013%
79	9.737	1447	1449	1453	rVV5	6636	9936	0.04%	0.035%
80	9.780	1453	1457	1460	rVB4	35427	37216	0.17%	0.130%
81	9.844	1467	1469	1471	rVB3	9241	6942	0.03%	0.024%
82	9.882	1474	1476	1478	rVB3	7011	4734	0.02%	0.017%
83	10.144	1522	1525	1533	rVB7	10057	21600	0.10%	0.076%
84	10.224	1537	1540	1544	rVB2	52246	49050	0.22%	0.172%
85	10.283	1550	1551	1556	rVB4	8548	8240	0.04%	0.029%
86	10.384	1568	1570	1571	rBV2	5162	3797	0.02%	0.013%
87	10.443	1579	1581	1584	rVB3	3560	3264	0.01%	0.011%
88	10.481	1584	1588	1590	rBV5	5212	4051	0.02%	0.014%
89	10.507	1590	1593	1596	rBV4	6237	6948	0.03%	0.024%
90	10.539	1596	1599	1602	rVV4	5777	6201	0.03%	0.022%
91	10.614	1609	1613	1615	rVB5	5151	4641	0.02%	0.016%
92	10.662	1618	1622	1625	rBV2	64544	57626	0.26%	0.202%
93	10.705	1625	1630	1632	rBV5	5015	6079	0.03%	0.021%
94	10.743	1632	1637	1642	rVB	510374	492762	2.20%	1.726%
95	10.796	1643	1647	1649	rVV4	6885	7567	0.03%	0.027%
96	10.818	1649	1651	1656	rVB6	7618	7834	0.03%	0.027%
97	10.898	1664	1666	1670	rBV5	9564	14687	0.07%	0.051%
98	10.935	1670	1673	1675	rVB4	11516	10955	0.05%	0.038%
99	10.967	1677	1679	1682	rBV4	5809	4851	0.02%	0.017%
100	11.010	1685	1687	1691	rVB5	5432	5534	0.02%	0.019%
101	11.053	1693	1695	1699	rBV5	9320	11745	0.05%	0.041%
102	11.090	1699	1702	1706	rVV	61583	58730	0.26%	0.206%
103	11.149	1707	1713	1718	rVV9	7935	18145	0.08%	0.064%
104	11.181	1718	1719	1722	rVB3	8468	5258	0.02%	0.018%
105	11.208	1722	1724	1725	rBV2	6135	4225	0.02%	0.015%
106	11.240	1725	1730	1735	rBV9	14038	27071	0.12%	0.095%
107	11.294	1737	1740	1742	rBV4	5732	4602	0.02%	0.016%
108	11.326	1742	1746	1748	rVV5	10720	9455	0.04%	0.033%
109	11.352	1748	1751	1753	rVB3	10670	9603	0.04%	0.034%
110	11.390	1753	1758	1762	rBV7	9034	12598	0.06%	0.044%
111	11.422	1762	1764	1766	rBV3	4508	2836	0.01%	0.010%
112	11.438	1766	1767	1770	rBV3	5584	4919	0.02%	0.017%
113	11.502	1770	1779	1784	rBV2	50897	68086	0.30%	0.239%
114	11.572	1790	1792	1795	rVB4	5785	3897	0.02%	0.014%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	11.598	1795	1797	1801	rVB4	6698	5348	0.02%	0.019%
116	11.641	1801	1805	1811	rBV7	16901	30576	0.14%	0.107%
117	11.684	1811	1813	1814	rVB2	6401	3460	0.02%	0.012%
118	11.700	1814	1816	1818	rBV3	4698	3358	0.01%	0.012%
119	11.732	1818	1822	1824	rBV5	11246	14799	0.07%	0.052%
120	11.754	1824	1826	1829	rBV4	7025	7355	0.03%	0.026%
121	11.796	1831	1834	1838	rVB5	22614	26096	0.12%	0.091%
122	11.834	1838	1841	1842	rBV3	9681	8370	0.04%	0.029%
123	11.861	1842	1846	1847	rVV4	8691	7634	0.03%	0.027%
124	11.877	1847	1849	1850	rVV2	9324	7828	0.03%	0.027%
125	11.903	1850	1854	1859	rVB2	54502	56069	0.25%	0.196%
126	11.962	1861	1865	1871	rVB	294529	300243	1.34%	1.052%
127	12.005	1871	1873	1874	rBV2	3920	3002	0.01%	0.011%
128	12.032	1875	1878	1879	rBV3	13177	8970	0.04%	0.031%
129	12.074	1884	1886	1887	rBV2	5434	3648	0.02%	0.013%
130	12.128	1893	1896	1899	rBV5	8172	7963	0.04%	0.028%
131	12.181	1903	1906	1907	rBV3	6983	6683	0.03%	0.023%
132	12.251	1913	1919	1922	rBV8	18143	34244	0.15%	0.120%
133	12.288	1923	1926	1933	rVB5	32662	51104	0.23%	0.179%
134	12.369	1940	1941	1944	rBV3	4826	3077	0.01%	0.011%
135	12.406	1944	1948	1959	rVV3	19878	43402	0.19%	0.152%
136	12.481	1959	1962	1965	rBV5	11600	12817	0.06%	0.045%
137	12.572	1975	1979	1984	rVB8	9969	15422	0.07%	0.054%
138	12.625	1984	1989	1990	rBV5	8702	11072	0.05%	0.039%
139	12.636	1990	1991	1993	rVB2	7076	3926	0.02%	0.014%
140	12.663	1993	1996	2000	rBV4	24708	26732	0.12%	0.094%
141	12.775	2012	2017	2022	rBV8	25963	50557	0.23%	0.177%
142	12.839	2026	2029	2032	rVB5	13502	12878	0.06%	0.045%
143	12.866	2032	2034	2036	rBV3	6403	4757	0.02%	0.017%
144	12.887	2036	2038	2040	rBV3	6029	7219	0.03%	0.025%
145	12.930	2045	2046	2048	rBV2	3962	2911	0.01%	0.010%
146	12.978	2052	2055	2056	rVB3	4702	3899	0.02%	0.014%
147	13.005	2057	2060	2061	rBV3	6694	5241	0.02%	0.018%
148	13.021	2061	2063	2069	rVB6	20509	25959	0.12%	0.091%
149	13.064	2069	2071	2072	rBV2	10062	6776	0.03%	0.024%
150	13.091	2074	2076	2080	rVB5	10995	11326	0.05%	0.040%
151	13.139	2080	2085	2088	rBV6	18062	29509	0.13%	0.103%
152	13.187	2092	2094	2098	rVV5	8160	7265	0.03%	0.025%
153	13.219	2098	2100	2102	rVB3	4586	3562	0.02%	0.012%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

154	13.257	2105	2107	2108	rBV2	6125	4278	0.02%	0.015%
155	13.337	2118	2122	2126	rBV7	9445	15012	0.07%	0.053%
156	13.374	2126	2129	2134	rVB6	25203	31034	0.14%	0.109%
157	13.412	2134	2136	2137	rBV2	5539	5238	0.02%	0.018%
158	13.487	2146	2150	2154	rBV7	9198	14302	0.06%	0.050%
159	13.561	2159	2164	2169	rBV	305139	322058	1.44%	1.128%
160	13.674	2183	2185	2186	rBV2	4393	3099	0.01%	0.011%
161	13.690	2186	2188	2190	rVV3	6995	5823	0.03%	0.020%
162	13.717	2190	2193	2195	rVV4	9695	9114	0.04%	0.032%
163	13.807	2207	2210	2212	rBV4	9548	10882	0.05%	0.038%
164	13.829	2212	2214	2217	rVV4	10505	12561	0.06%	0.044%
165	13.856	2217	2219	2221	rVV3	9355	9115	0.04%	0.032%
166	13.877	2221	2223	2226	rVB4	9306	9626	0.04%	0.034%
167	13.936	2231	2234	2237	rBV4	17884	22640	0.10%	0.079%
168	13.989	2240	2244	2246	rBV5	9805	10519	0.05%	0.037%
169	14.037	2251	2253	2259	rVB7	11060	14998	0.07%	0.053%
170	14.075	2259	2260	2264	rBV4	5304	4421	0.02%	0.015%
171	14.123	2267	2269	2270	rBV2	5415	3508	0.02%	0.012%
172	14.150	2270	2274	2276	rVB5	14286	17927	0.08%	0.063%
173	14.166	2276	2277	2280	rVB3	5237	3074	0.01%	0.011%
174	14.198	2280	2283	2284	rBV3	6482	5127	0.02%	0.018%
175	14.214	2284	2286	2292	rVB7	10751	10762	0.05%	0.038%
176	14.262	2292	2295	2296	rBV3	9000	8193	0.04%	0.029%
177	14.369	2312	2315	2316	rBV3	5450	5378	0.02%	0.019%
178	14.390	2316	2319	2323	rVB6	8276	9765	0.04%	0.034%
179	14.439	2326	2328	2330	rVB3	5821	4703	0.02%	0.016%
180	14.465	2330	2333	2334	rBV3	5275	3700	0.02%	0.013%
181	14.487	2334	2337	2341	rVV6	6766	9111	0.04%	0.032%
182	14.524	2341	2344	2347	rBV5	4965	4291	0.02%	0.015%
183	14.562	2349	2351	2354	rBV4	6798	8616	0.04%	0.030%
184	14.669	2367	2371	2375	rBV7	21571	28023	0.13%	0.098%
185	14.738	2382	2384	2387	rBV4	5343	6134	0.03%	0.021%
186	14.765	2387	2389	2392	rVV4	6381	7687	0.03%	0.027%
187	14.786	2392	2393	2395	rVV2	5609	3267	0.01%	0.011%
188	14.808	2395	2397	2400	rVB4	4209	4664	0.02%	0.016%
189	14.850	2403	2405	2406	rBV2	4469	3993	0.02%	0.014%
190	14.936	2419	2421	2423	rVB3	4692	3064	0.01%	0.011%
191	15.038	2432	2440	2456	rBV5	99675	295649	1.32%	1.036%
192	15.198	2469	2470	2475	rVB5	5563	5199	0.02%	0.018%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

193	15.257	2478	2481	2485	rVB6	10227	13821	0.06%	0.048%
194	15.316	2489	2492	2493	rBV3	4639	3384	0.02%	0.012%
195	15.337	2493	2496	2498	rVV4	3158	3593	0.02%	0.013%
196	15.375	2502	2503	2506	rVB3	3486	2911	0.01%	0.010%
197	15.444	2513	2516	2517	rBV3	5734	4254	0.02%	0.015%
198	15.551	2529	2536	2543	rVB3	10982	22101	0.10%	0.077%
199	15.642	2549	2553	2560	rVB9	21134	34552	0.15%	0.121%
200	15.819	2583	2586	2587	rBV3	4590	3201	0.01%	0.011%
201	15.883	2594	2598	2600	rVB5	3766	4587	0.02%	0.016%
202	15.925	2600	2606	2610	rVB9	3272	4624	0.02%	0.016%
203	15.958	2610	2612	2616	rBV5	4585	4168	0.02%	0.015%
204	16.006	2619	2621	2625	rBV5	4695	4181	0.02%	0.015%
205	16.246	2663	2666	2669	rBV5	6821	7628	0.03%	0.027%

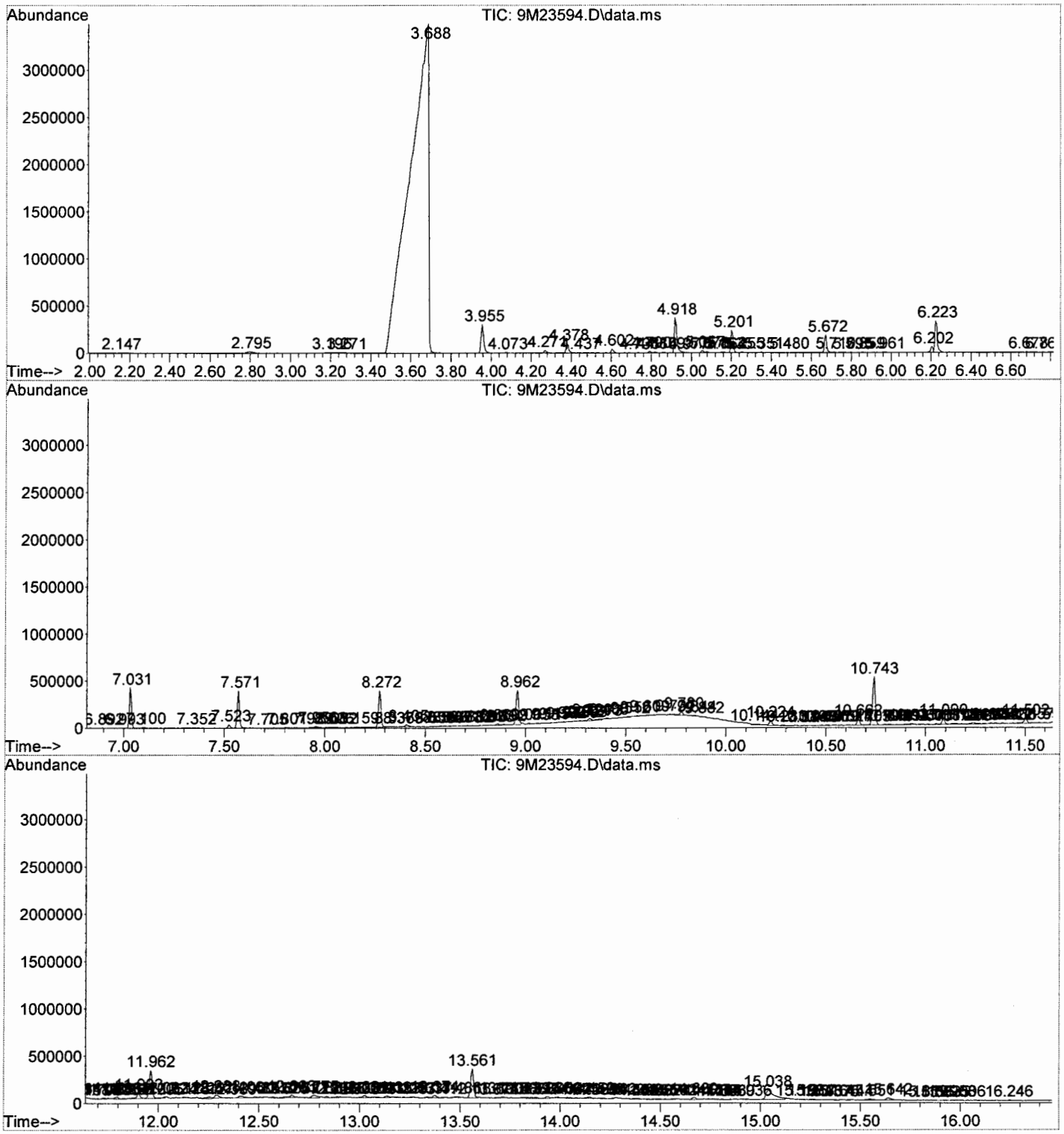
Sum of corrected areas: 28547315

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

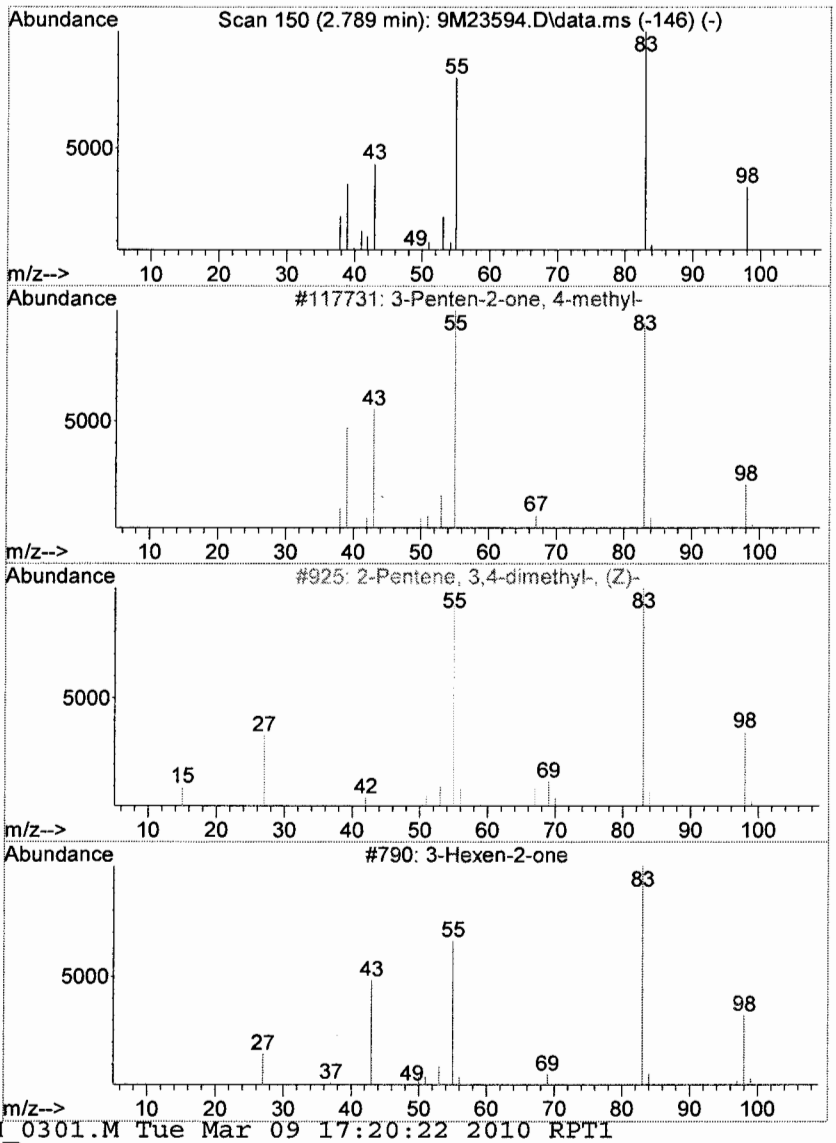
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

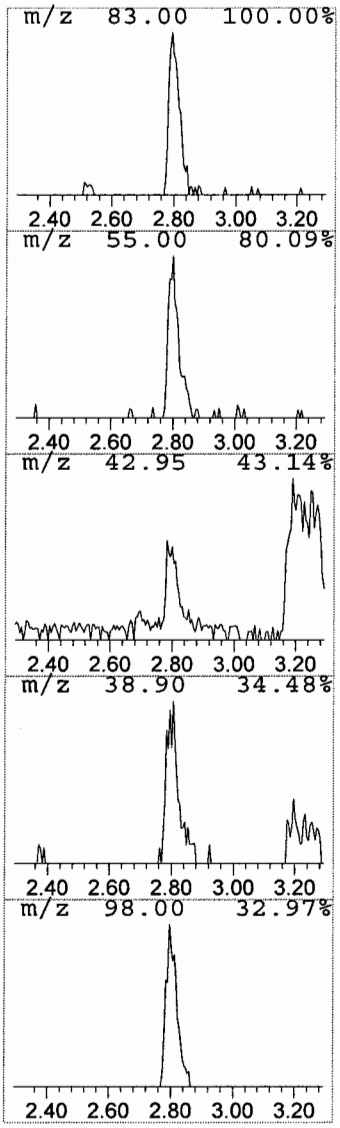
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	8.99 ng	41300	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	58
3	3-Hexen-2-one	98	C6H10O	000763-93-9	58
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	53
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

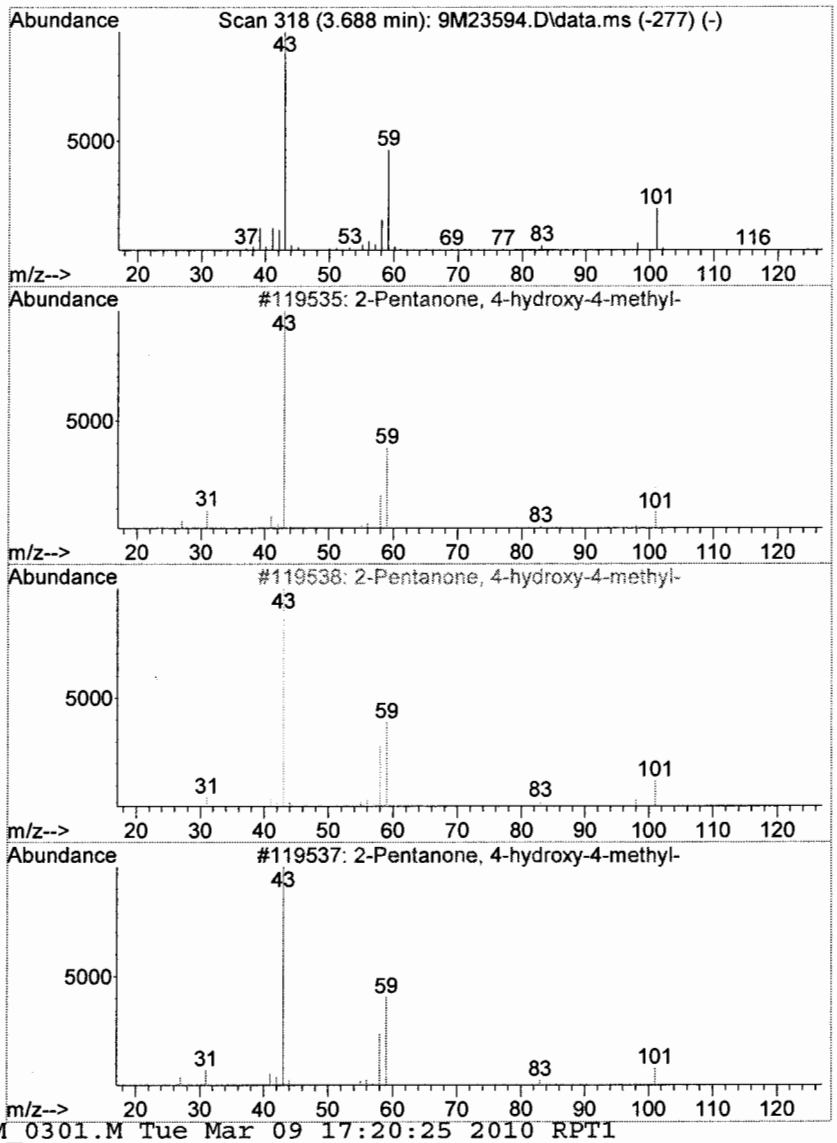
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

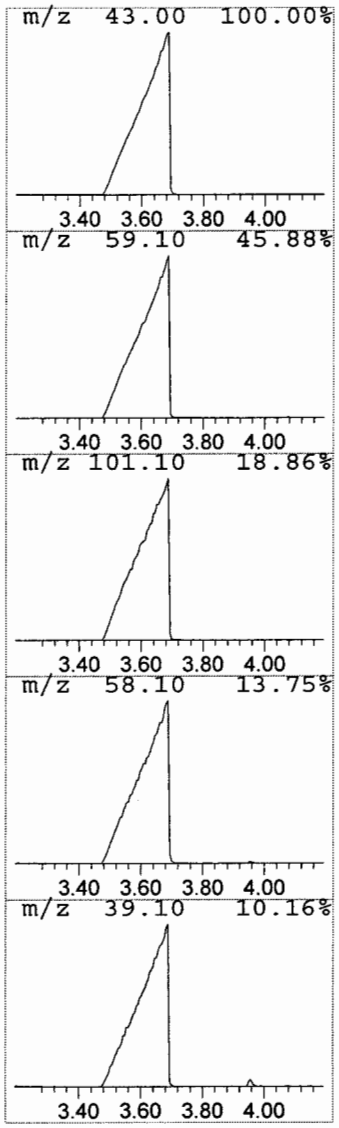
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	4877.15 ng	22399663	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

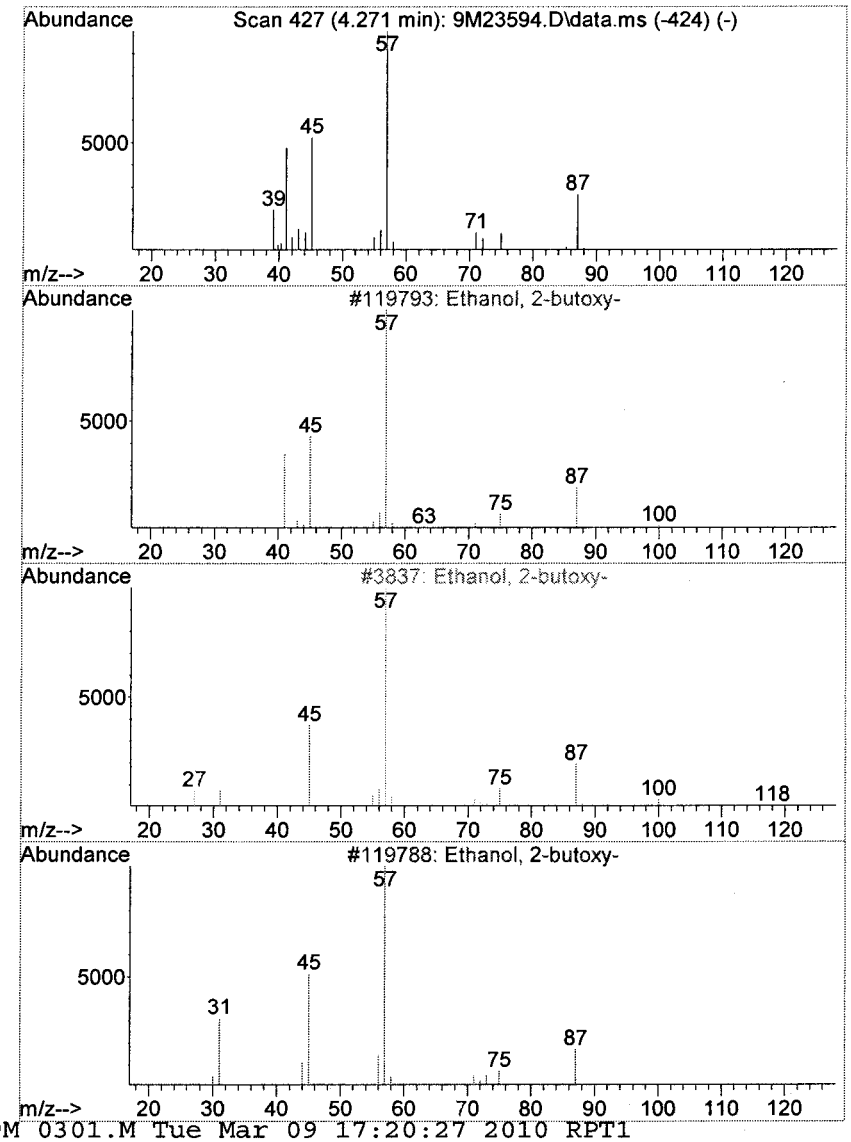
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

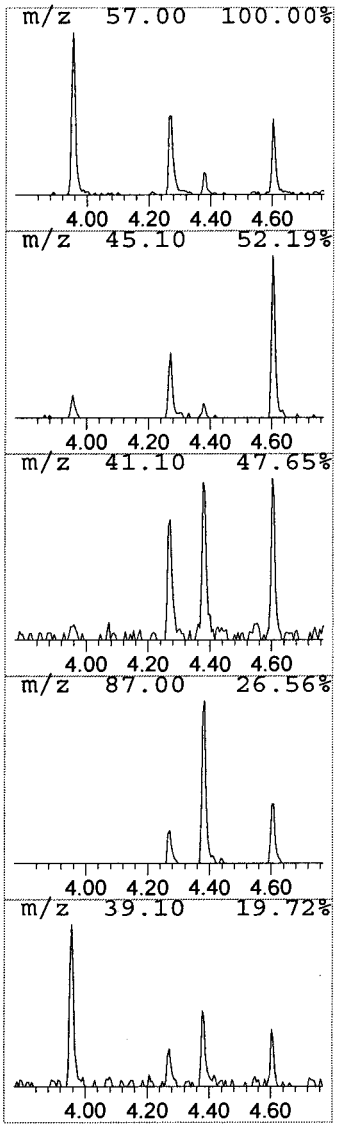
****

Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	5.54 ng	25446	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
3	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	72
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50
5	2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	40





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

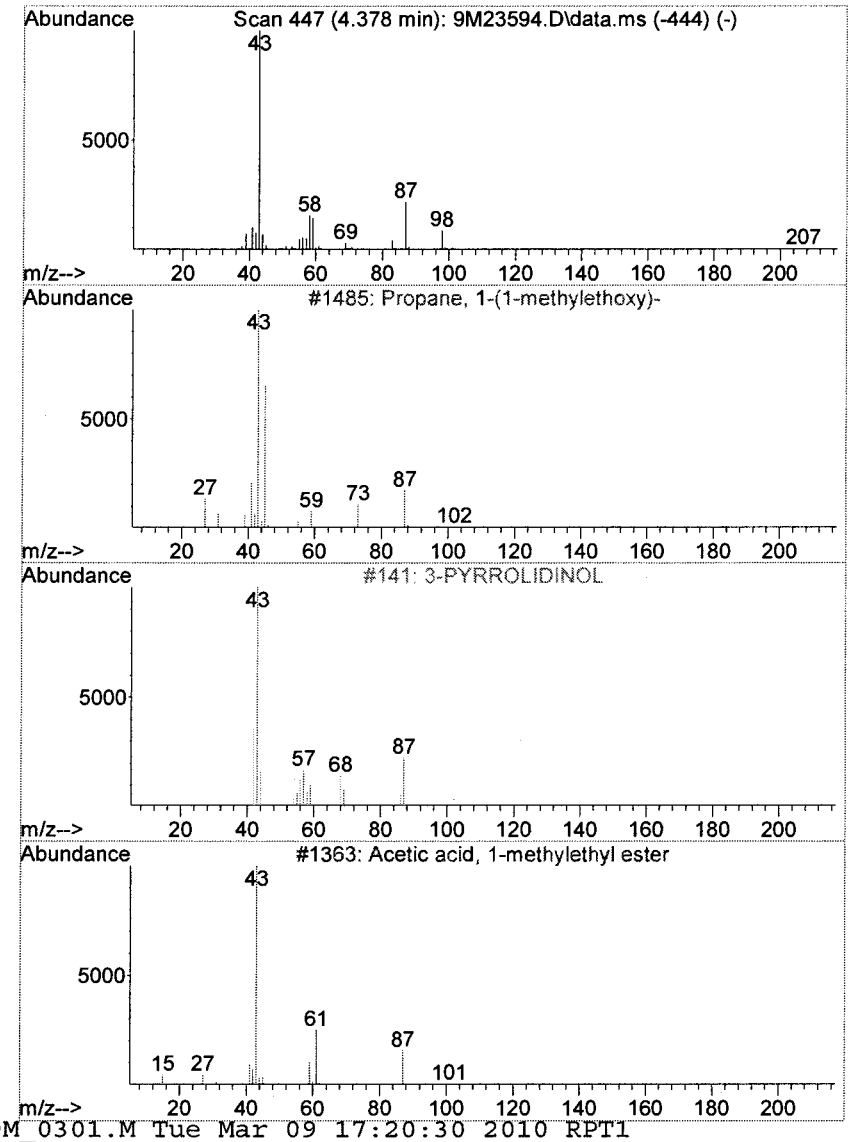
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

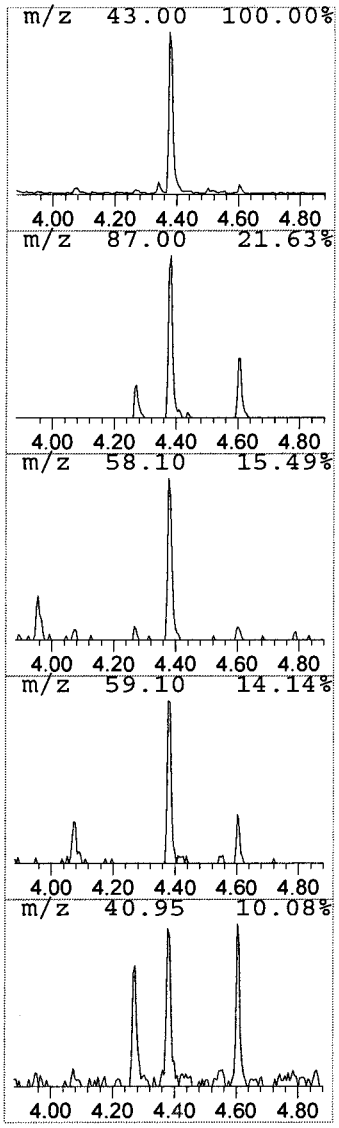
****

Peak Number 4 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	19.15 ng	87931	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38
2	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	36
3	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	28
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	17
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	12





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

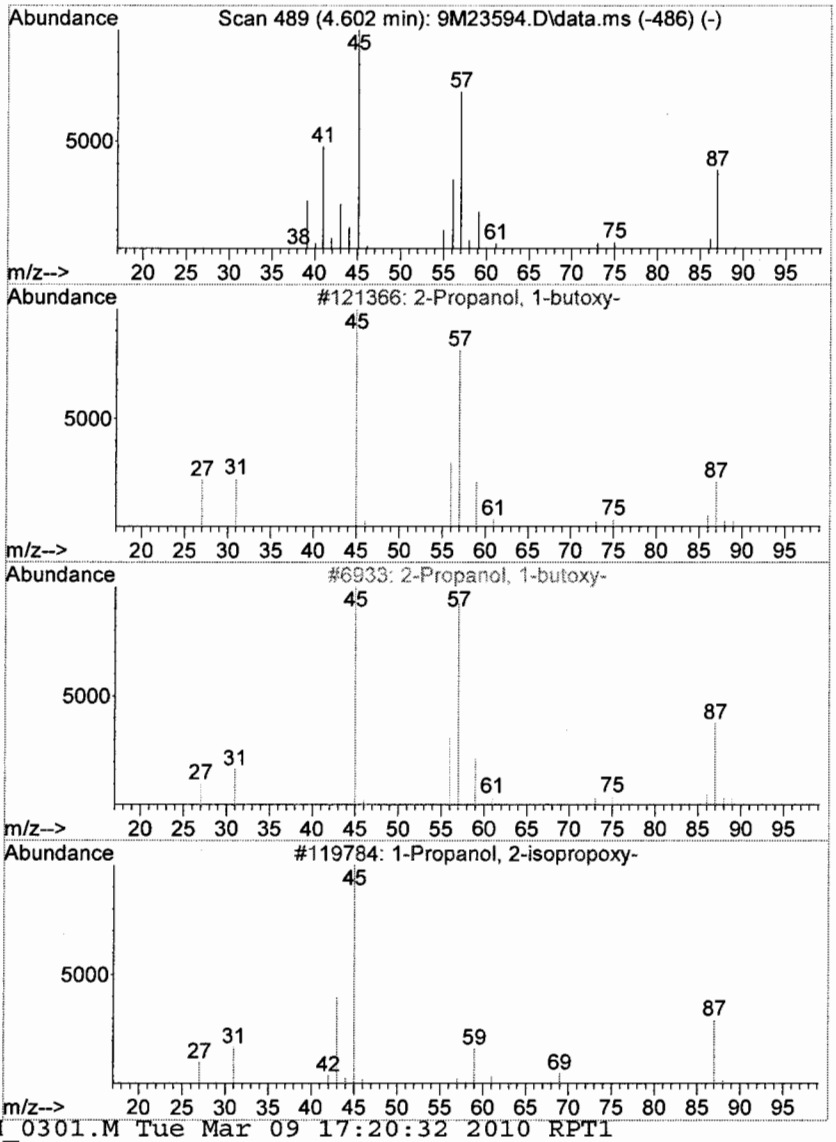
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

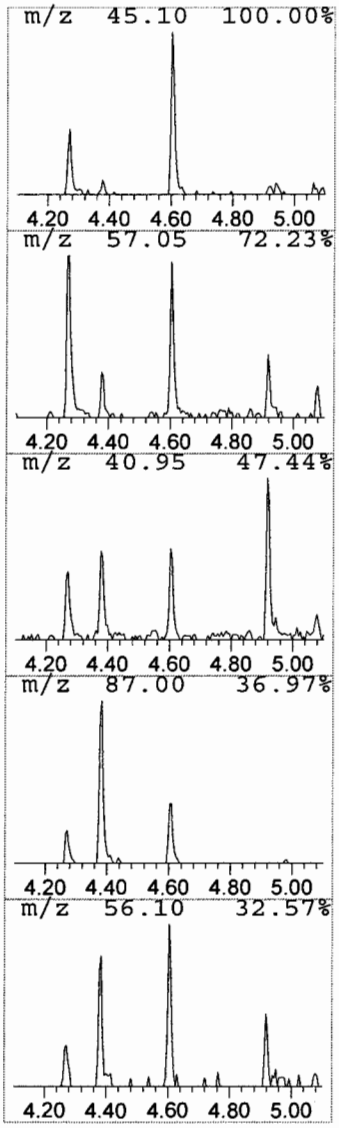
****

Peak Number 5 2-Propanol, 1-butoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	7.38 ng	33880	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	50
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	47
3	1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	42
4	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	38
5	1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	36





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

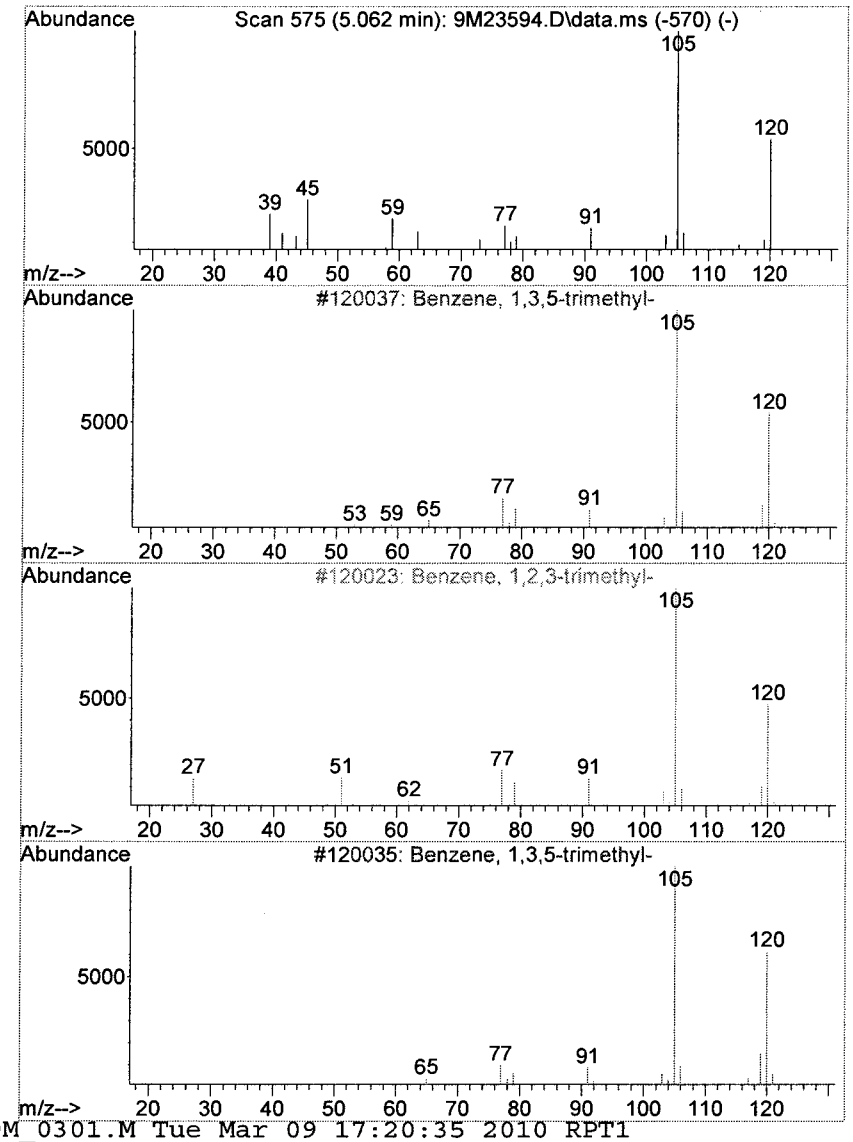
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

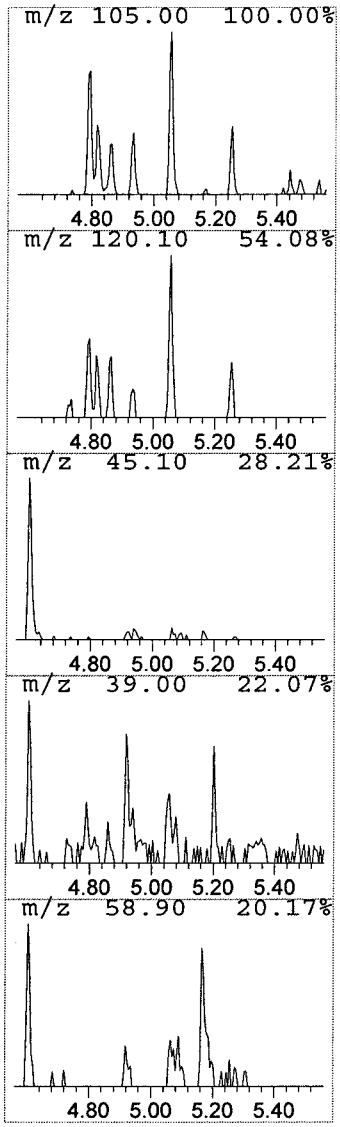
****

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	4.27 ng	19605	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

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Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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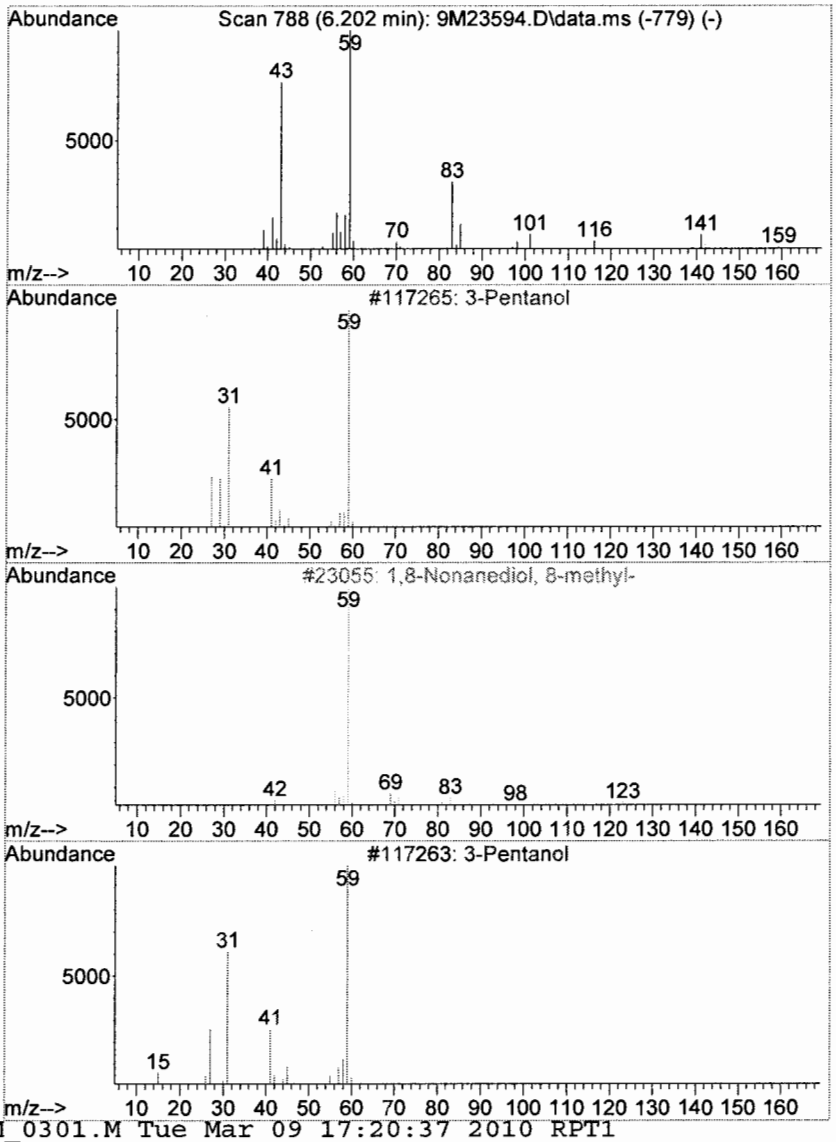
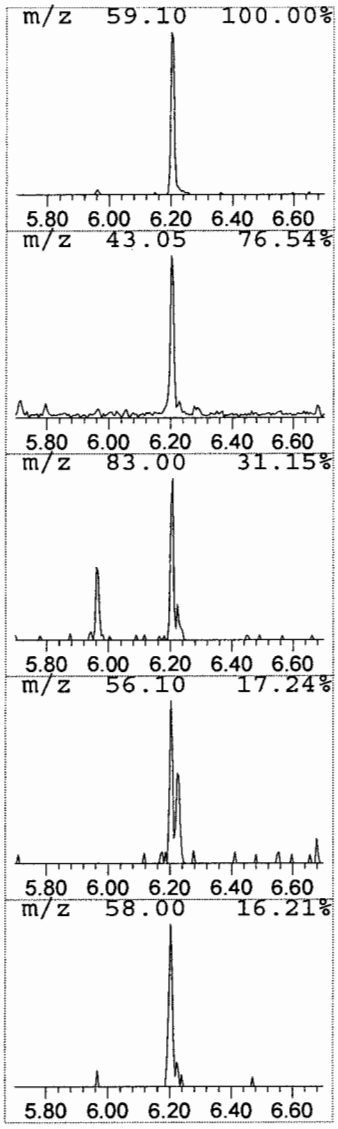
Peak Number 7 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.30 ng	51720	LibIS-Naphthalene-d8	6.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol	88	C5H12O	000584-02-1	47
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	42
3	3-Pentanol	88	C5H12O	000584-02-1	38
4	3-Octanol	130	C8H18O	000589-98-0	38
5	6-0-Ethylhexitol 1,2,3,4,5-penta...	420	C18H27DO11	000000-00-0	38





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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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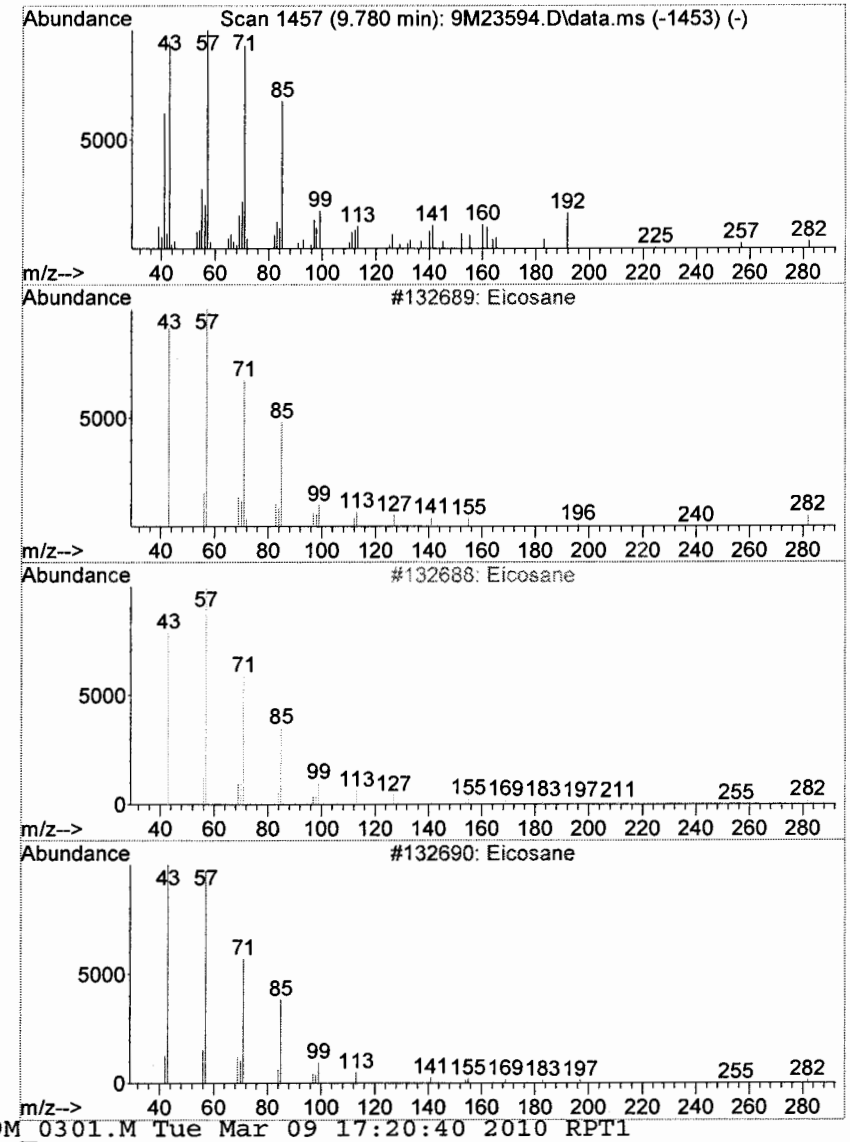
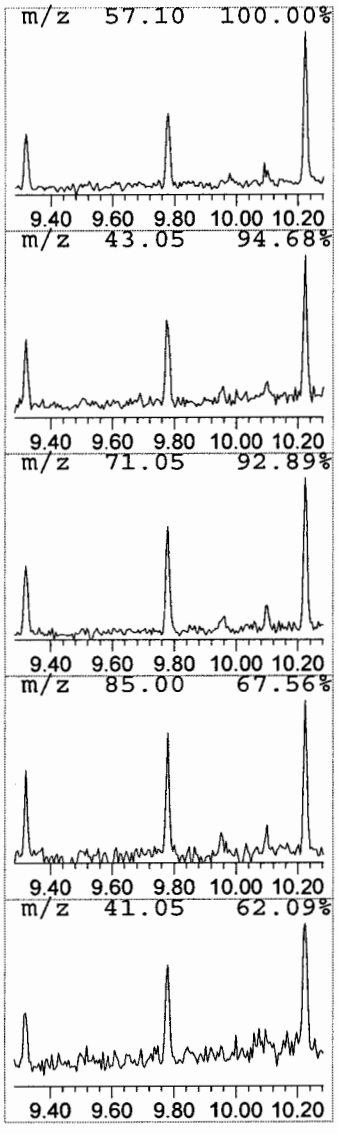
Peak Number 8 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	4.12 ng	37216	LibIS-Phenanthrene-d10	8.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	90
3	Eicosane	282	C20H42	000112-95-8	81
4	Eicosane	282	C20H42	000112-95-8	81
5	Octadecane	254	C18H38	000593-45-3	74





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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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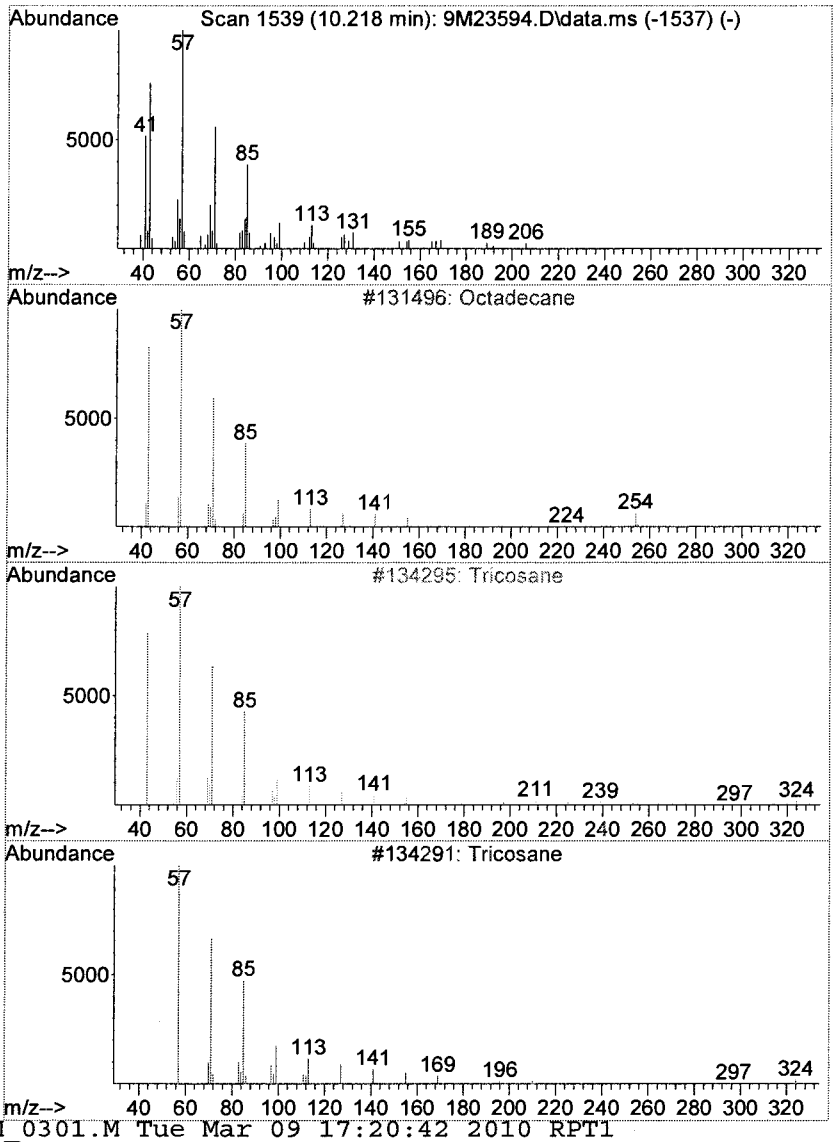
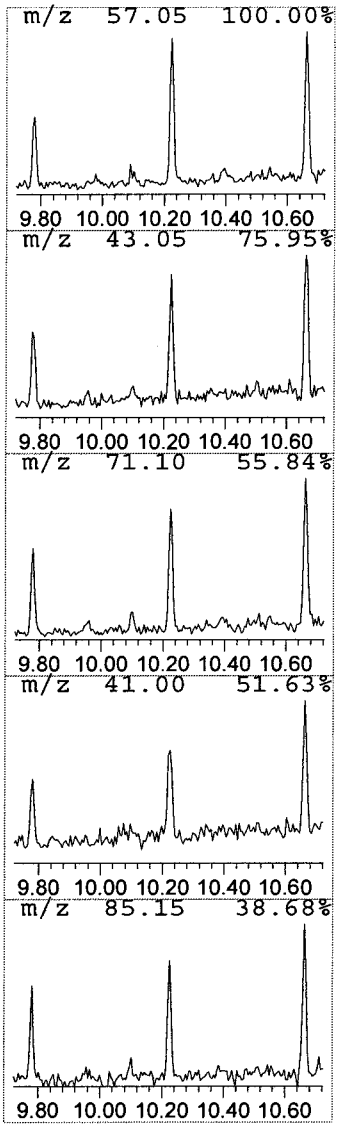
Peak Number 9 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	5.44 ng	49050	LibIS-Phenanthrene-d10	8.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tricosane	324	C23H48	000638-67-5	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Iron, tricarbonyl[N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	90
5	Octacosane	394	C28H58	000630-02-4	90





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Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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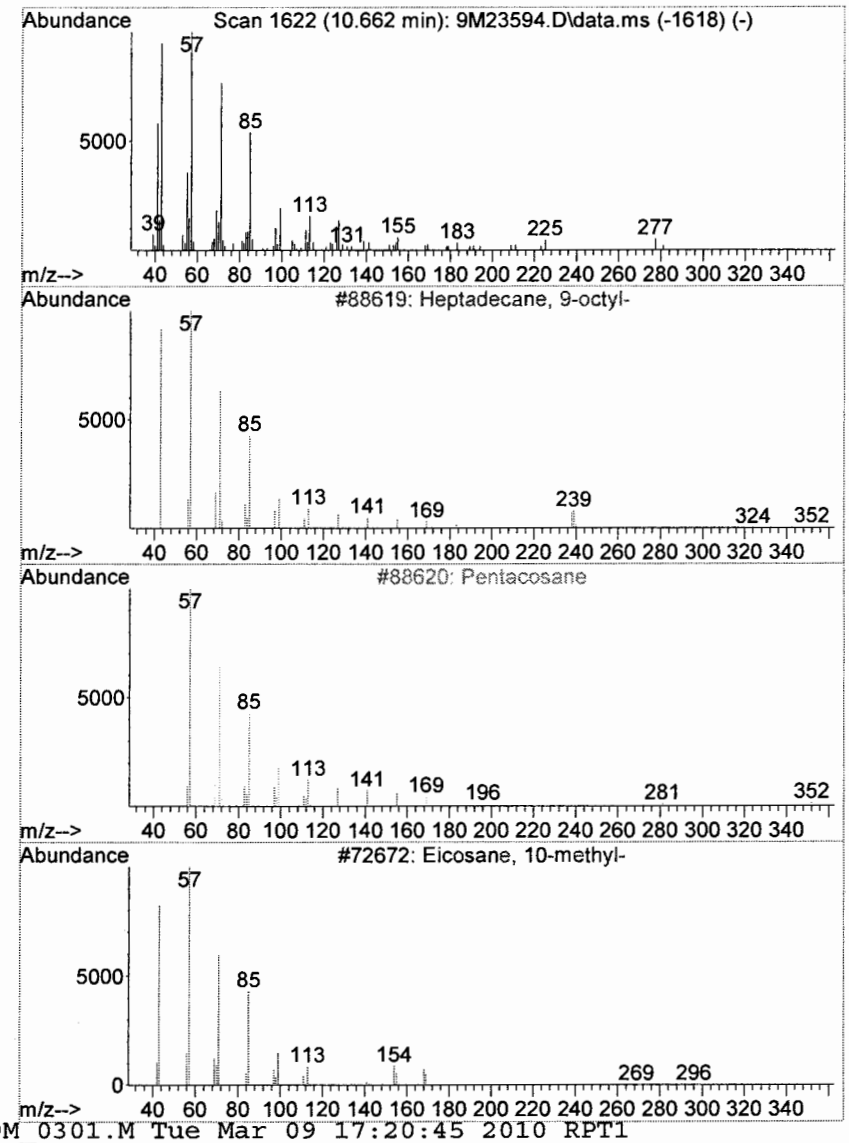
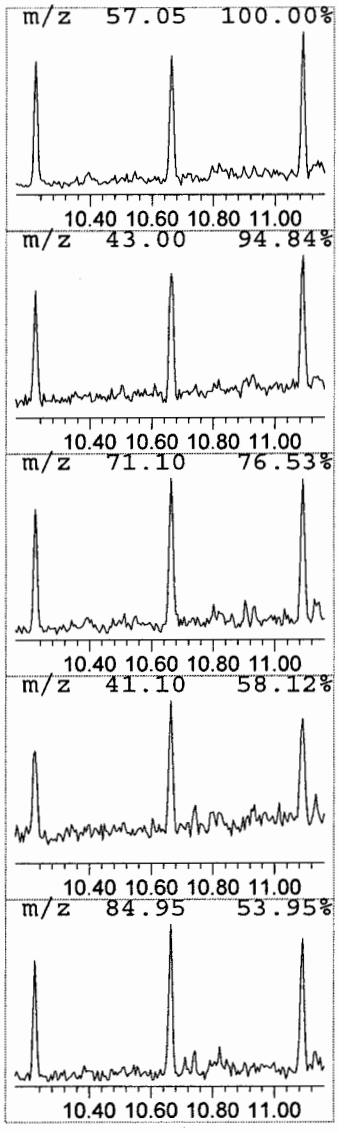
Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	7.59 ng	57626	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





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Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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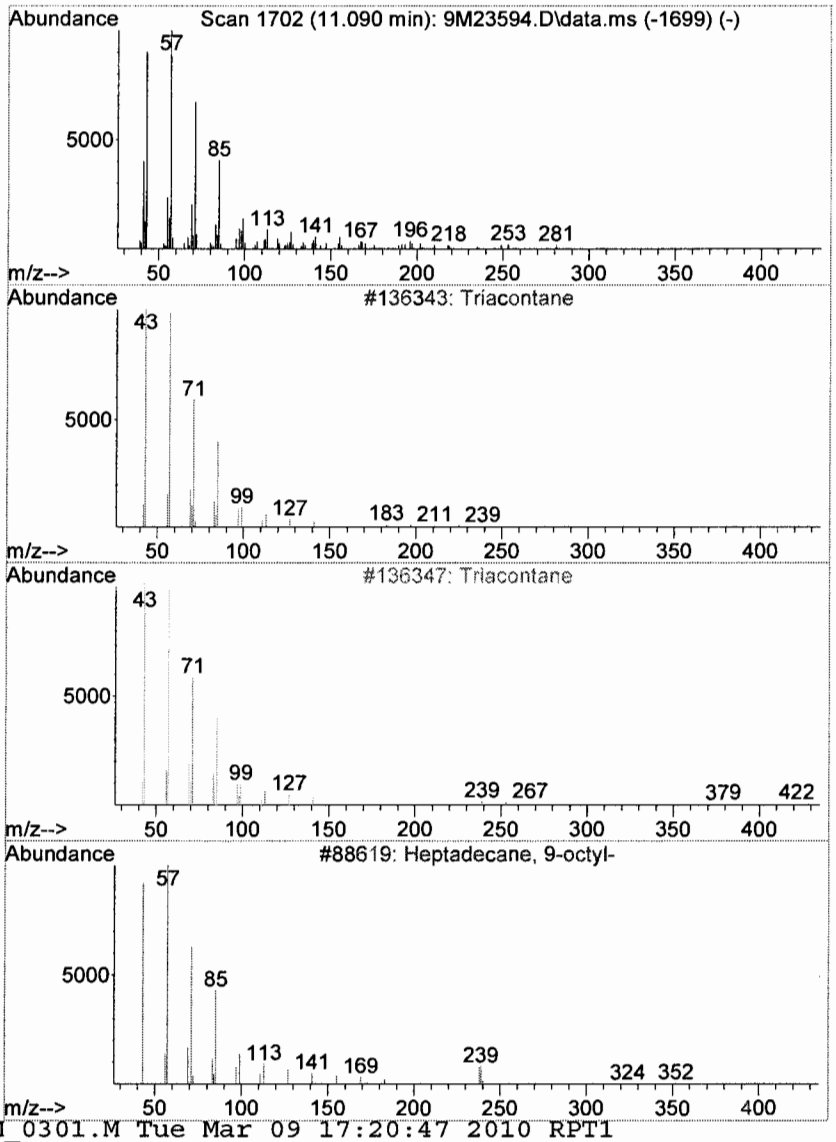
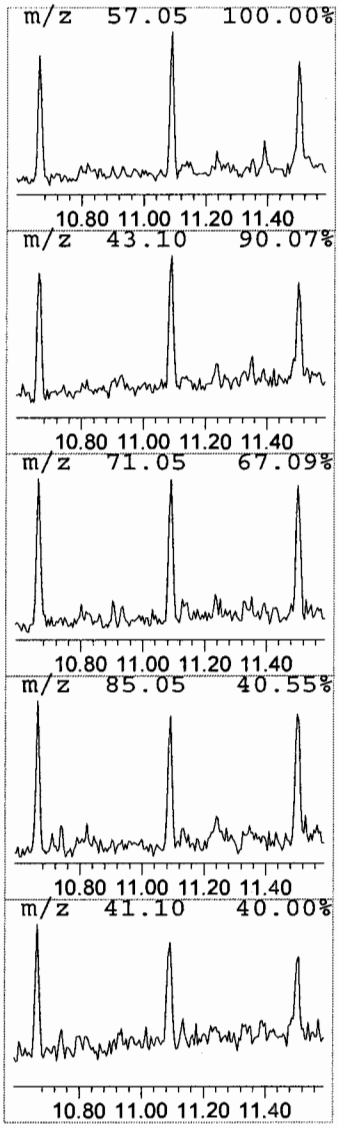
Peak Number 11 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	7.74 ng	58730	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Triacontane	422	C30H62	000638-68-6	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Pentacosane	352	C25H52	000629-99-2	87





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ALS Vial : 14 Sample Multiplier: 1

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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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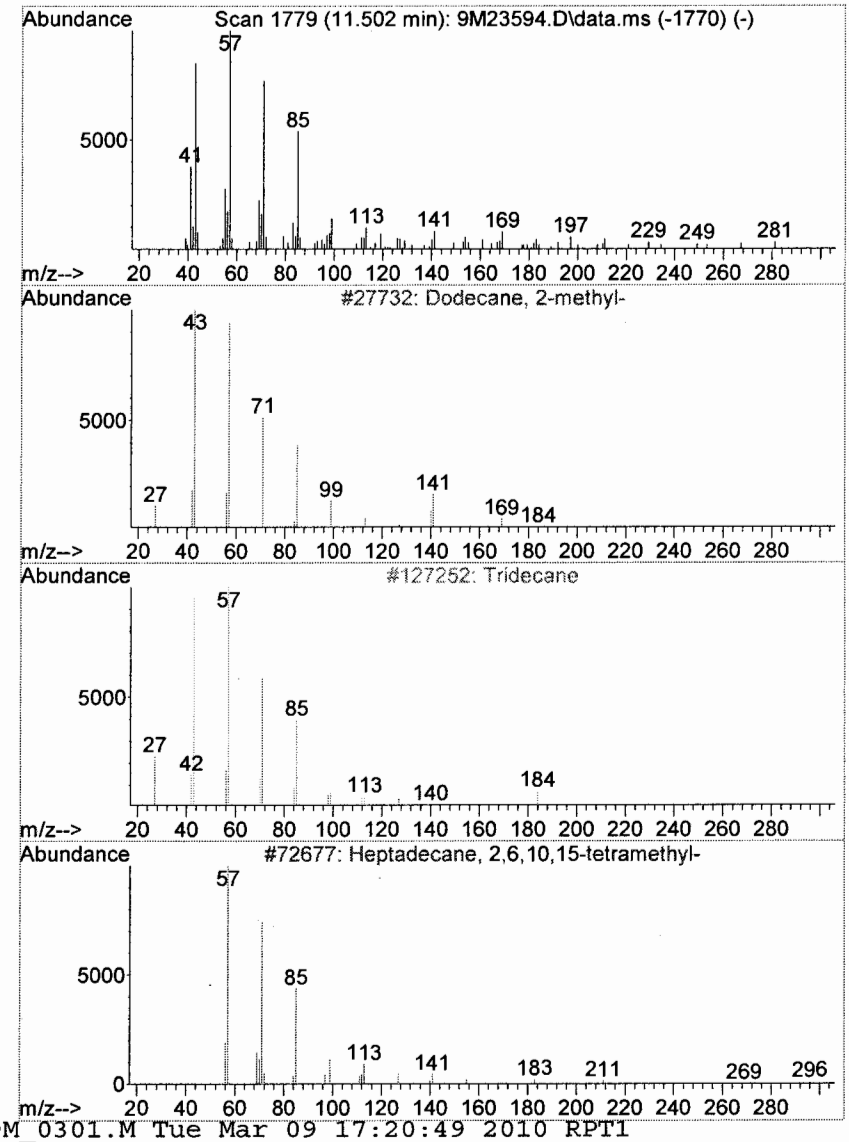
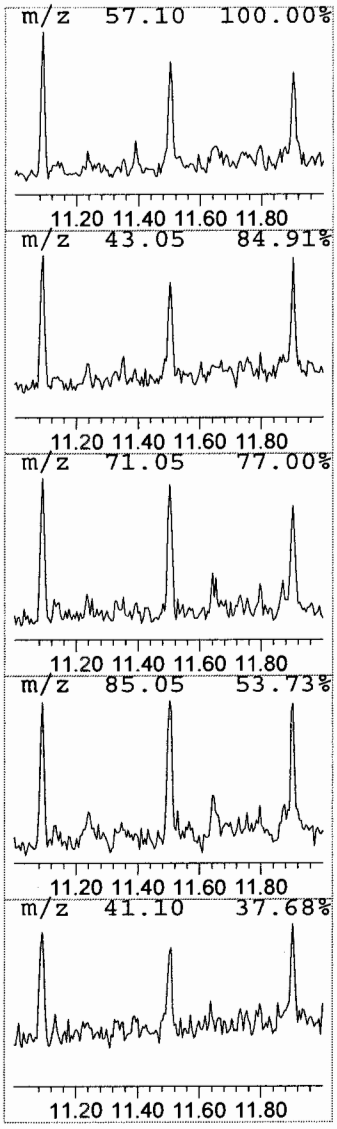
Peak Number 12 Dodecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	8.97 ng	68086	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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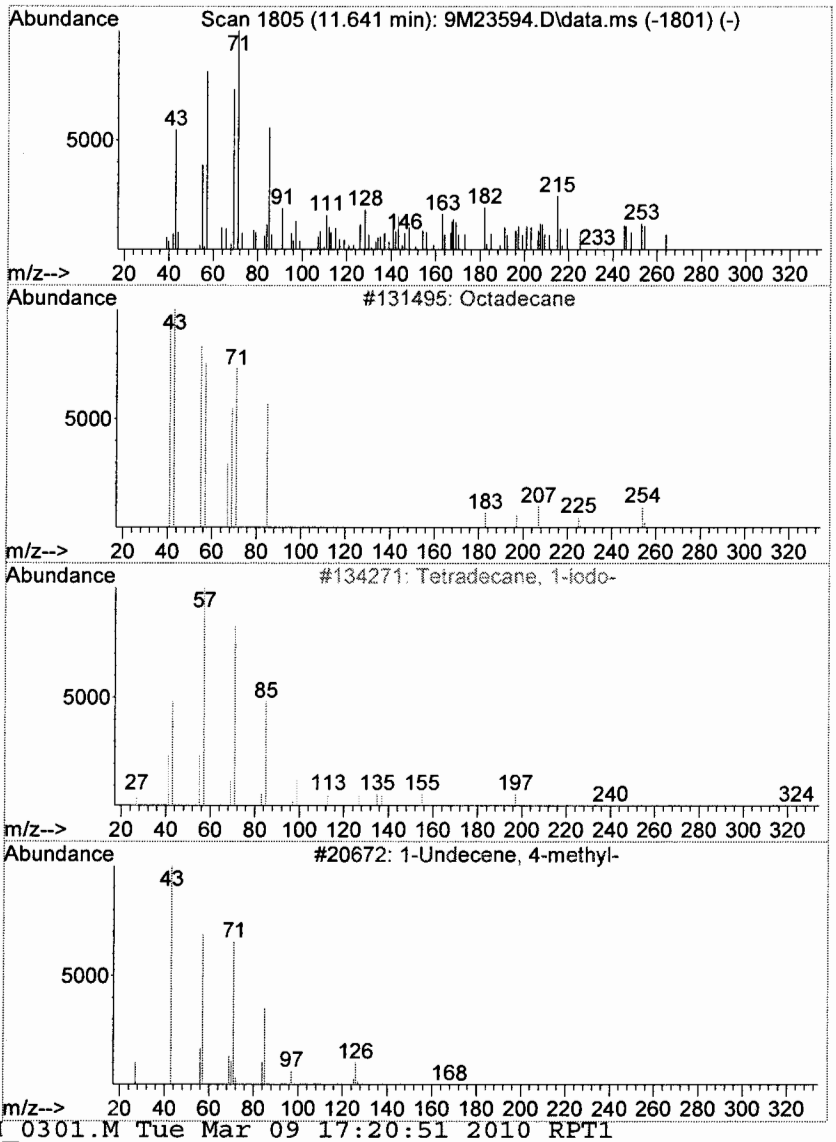
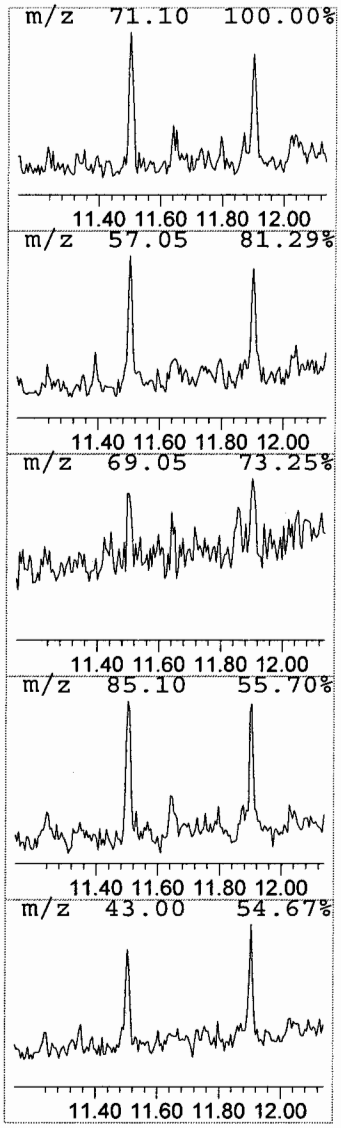
Peak Number 13 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	4.03 ng	30576	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	58
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	35
3	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	35
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
5	Dodecane	170	C12H26	000112-40-3	27





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Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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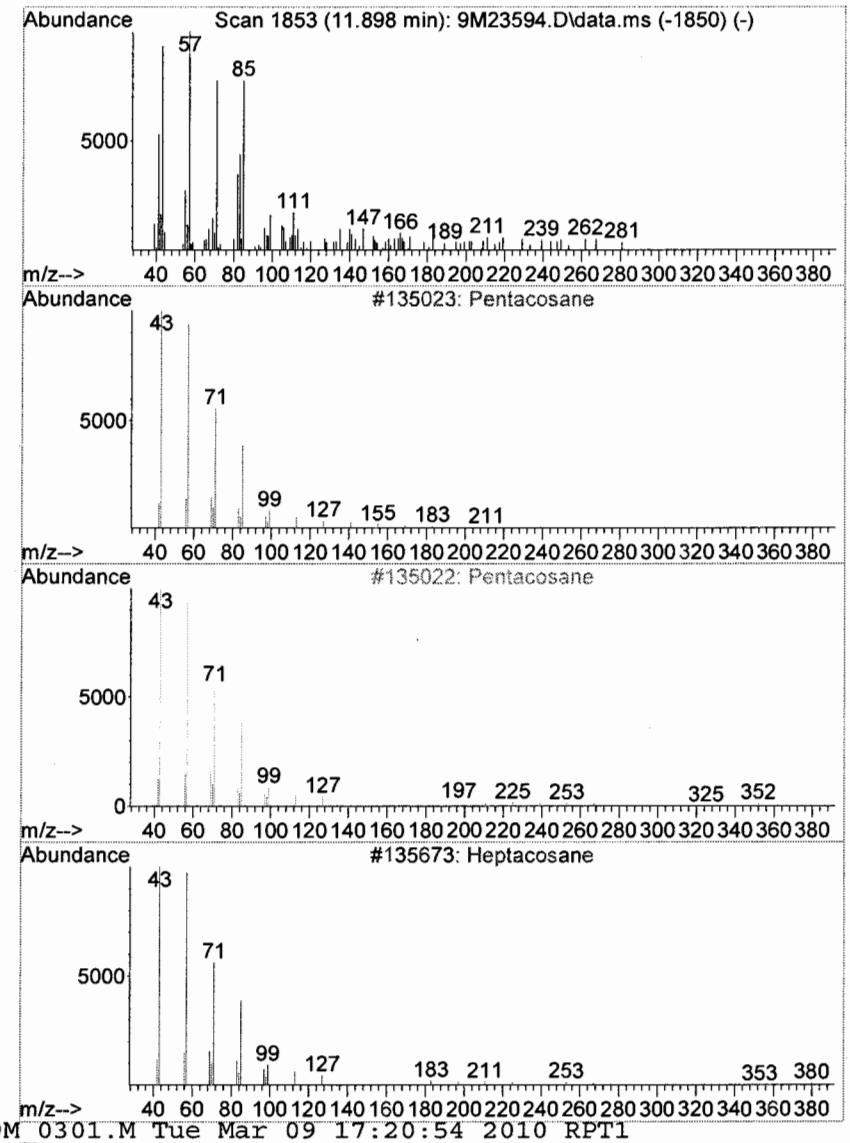
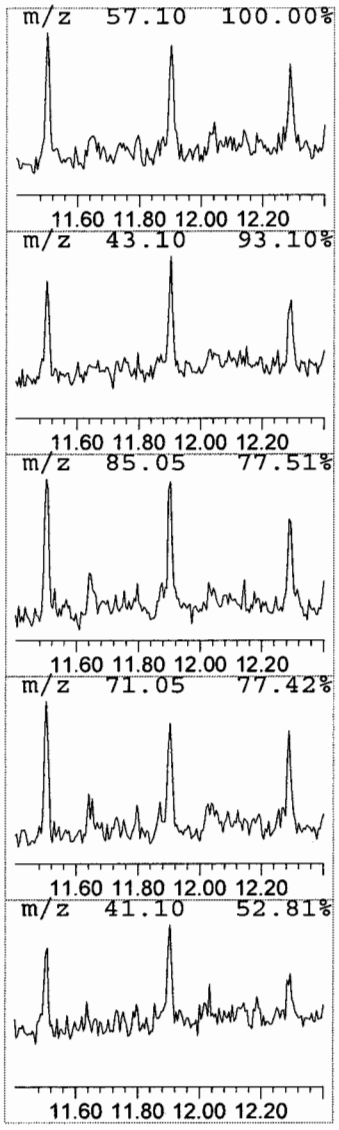
Peak Number 14 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.39 ng	56069	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	58
2	Pentacosane	352	C25H52	000629-99-2	58
3	Heptacosane	380	C27H56	000593-49-7	58
4	Tricosane	324	C23H48	000638-67-5	52
5	Eicosane	282	C20H42	000112-95-8	52





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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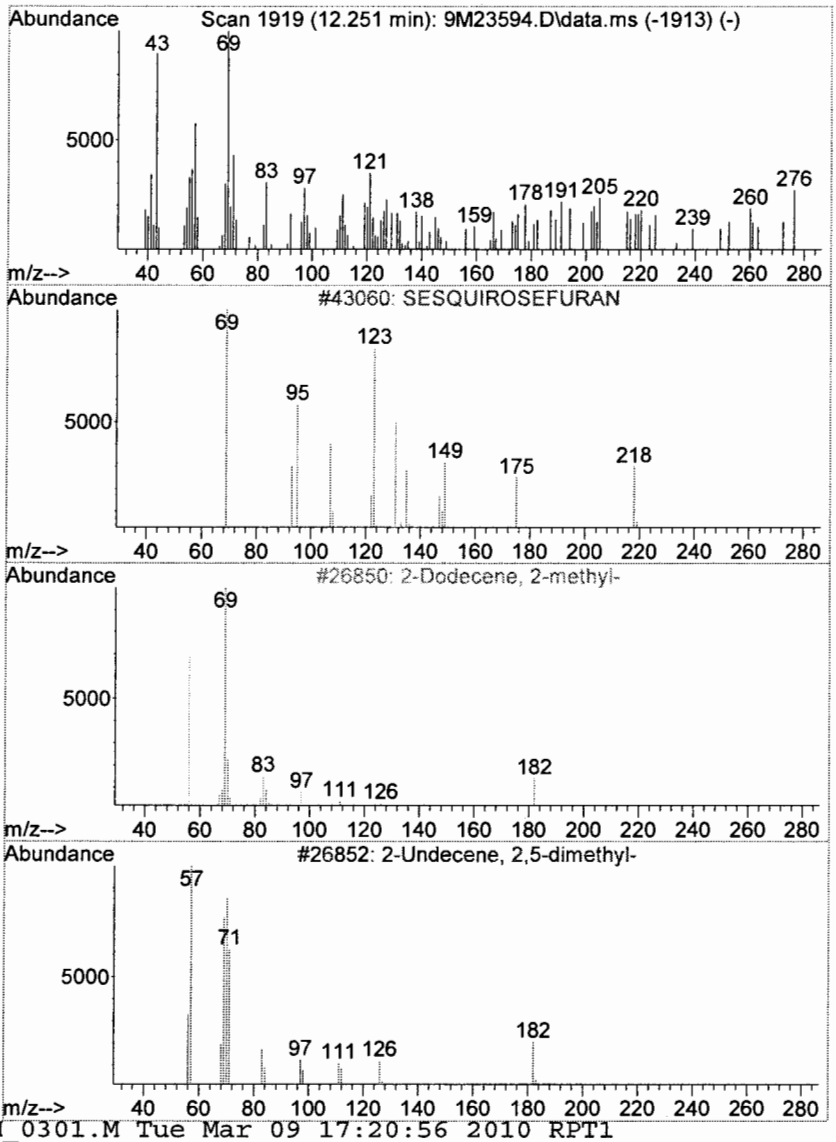
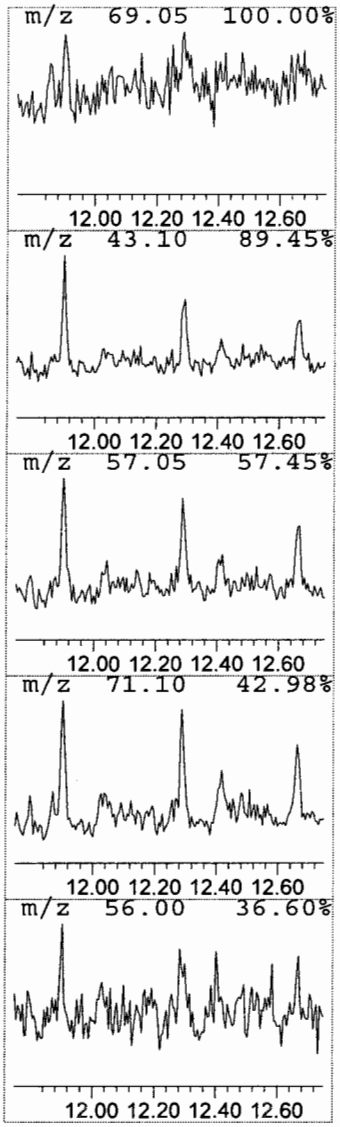
Peak Number 15 unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.51 ng	34244	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	SESQUIROSEFURAN	218	C15H22O	039007-93-7	35
2	2-Dodecene, 2-methyl-	182	C13H26	055103-82-7	35
3	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	25
4	TRIFLUOROACETYL-CYCLO-(-LEU-ILE)	418	C16H20F6N2O4	071598-99-7	25
5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	25





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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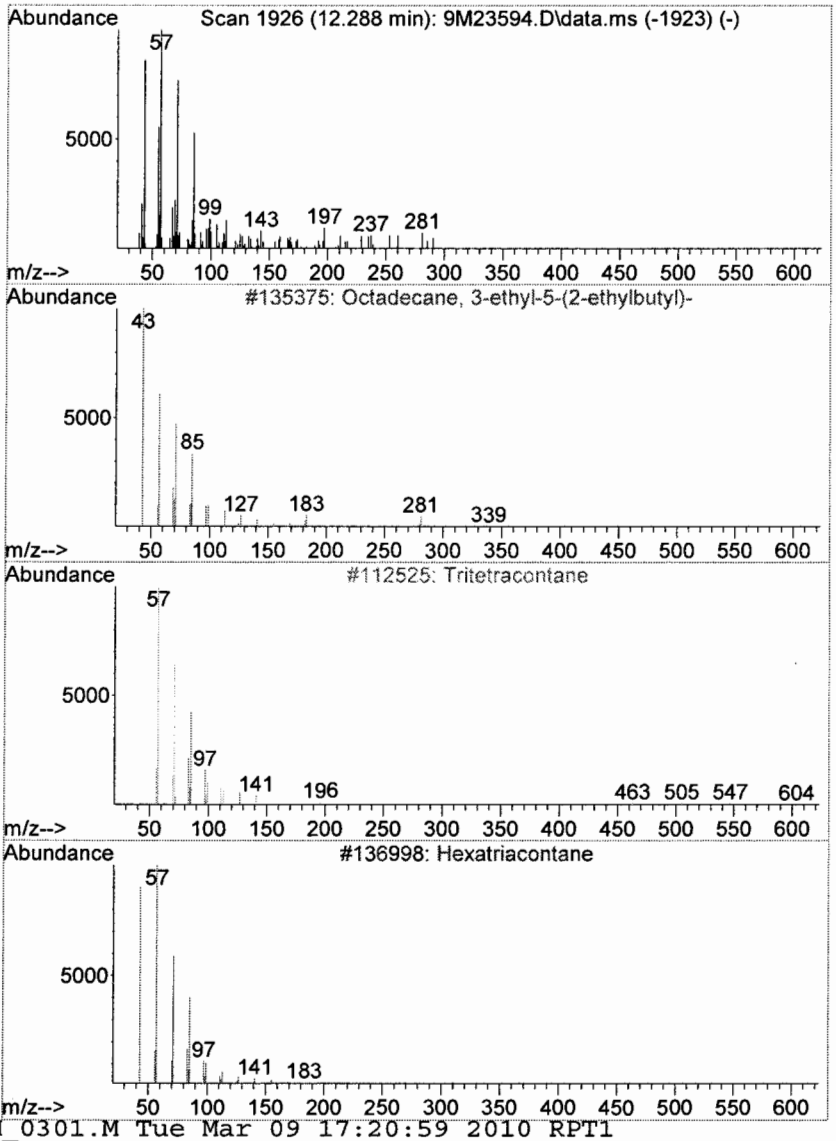
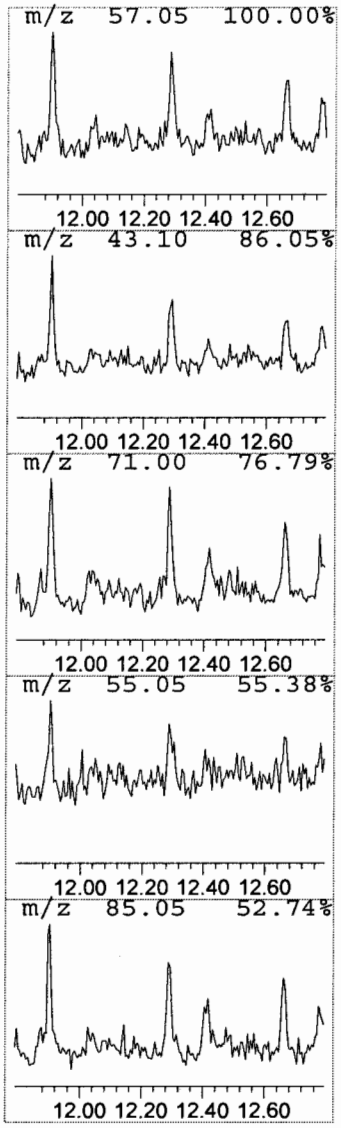
Peak Number 16 Octadecane, 3-ethyl-5-(2-et... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.73 ng	51104	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	72
2	Tritetracontane	605	C43H88	007098-21-7	64
3	Hexatriacontane	507	C36H74	000630-06-8	64
4	Nonacosane	408	C29H60	000630-03-5	59
5	Tetratetracontane	619	C44H90	007098-22-8	59





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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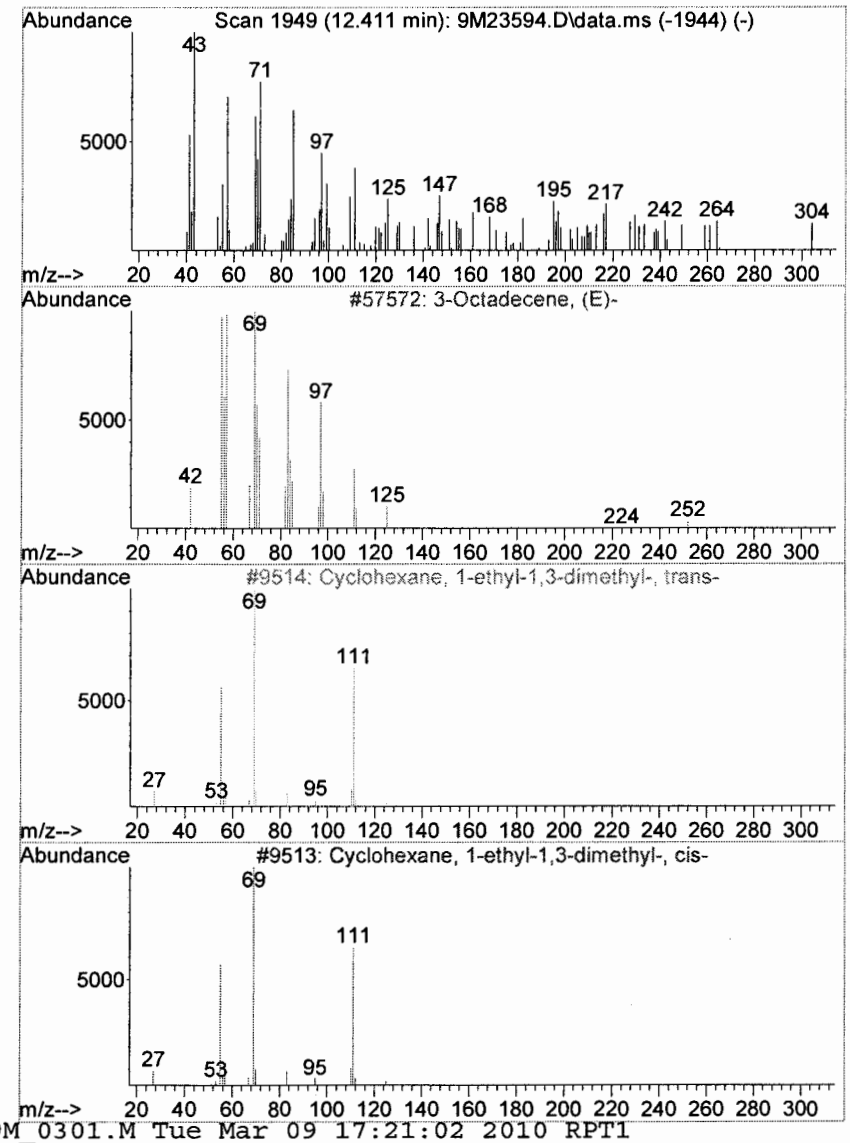
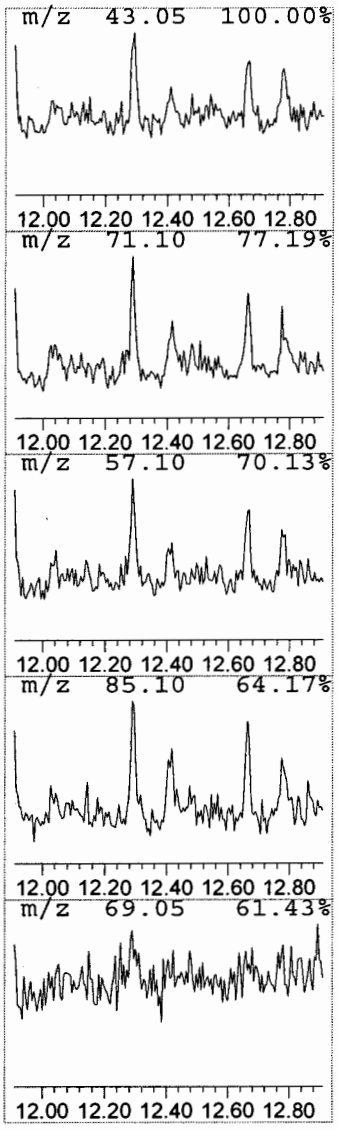
Peak Number 17 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.72 ng	43402	LibIS-Chrysene-d12	11.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	27
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	22
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-31-7	22
4	Carvomenthone	154	C10H18O	000499-70-7	11
5	.BETA.-D-MANNOFURANOSIDE, METHYL...	232	C9H17BO6	000000-00-0	11





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

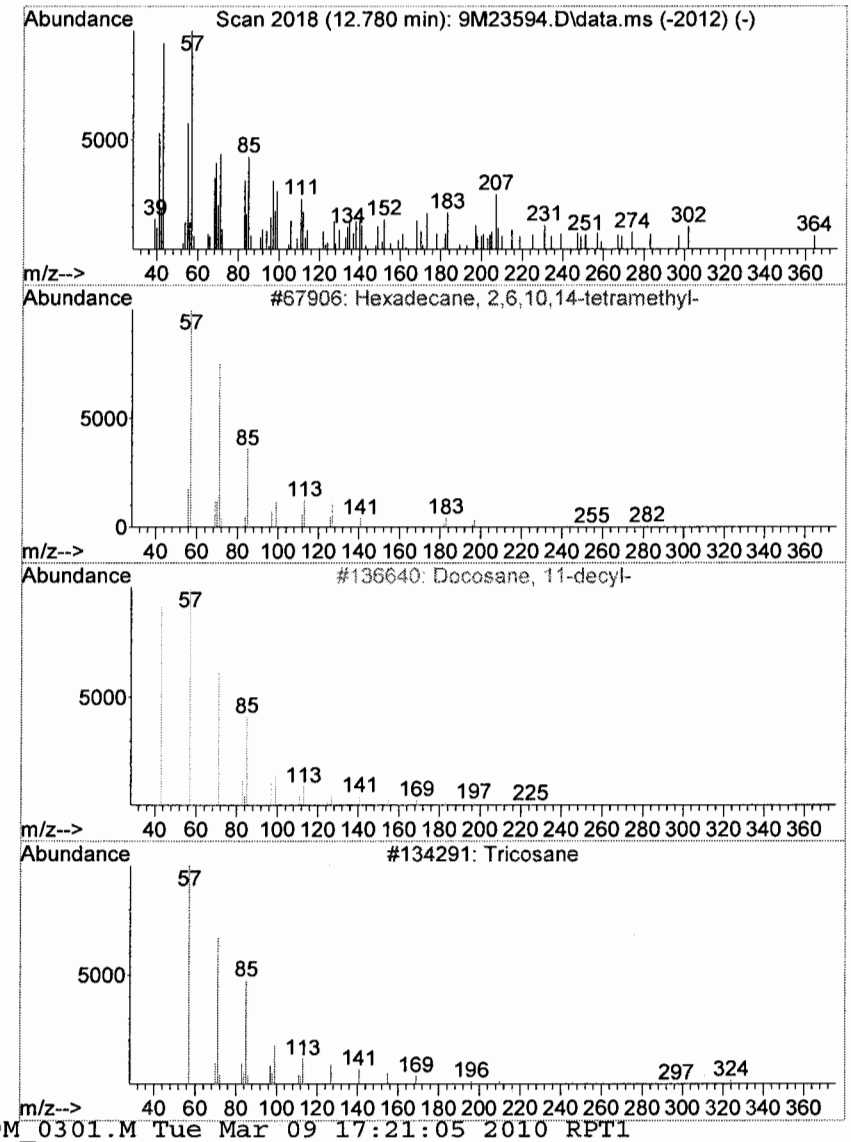
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

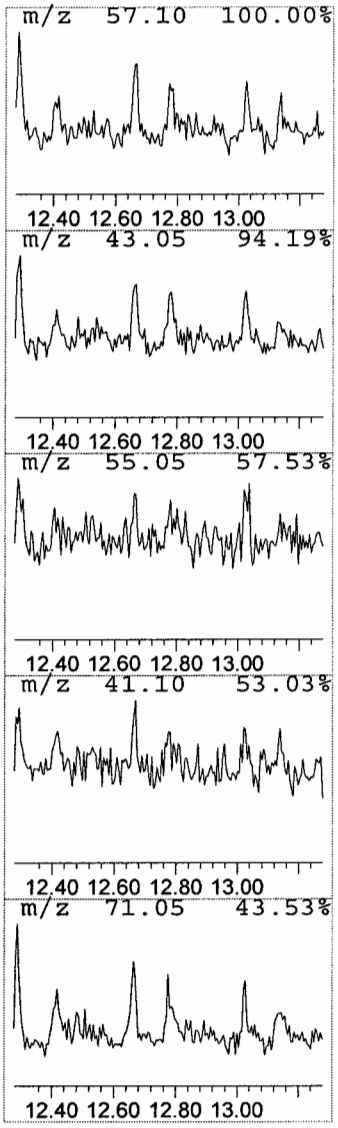
****

Peak Number 18 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.07 ng	50557	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	53
3	Tricosane	324	C23H48	000638-67-5	53
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	53
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

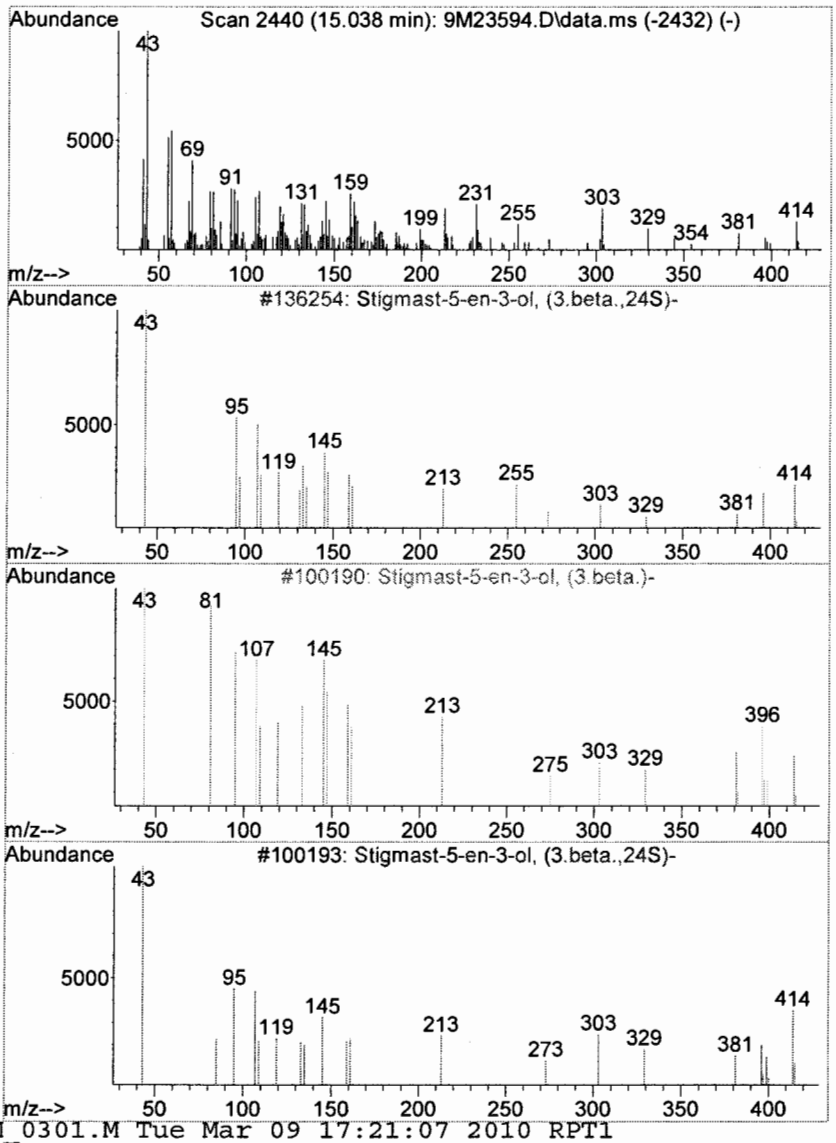
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

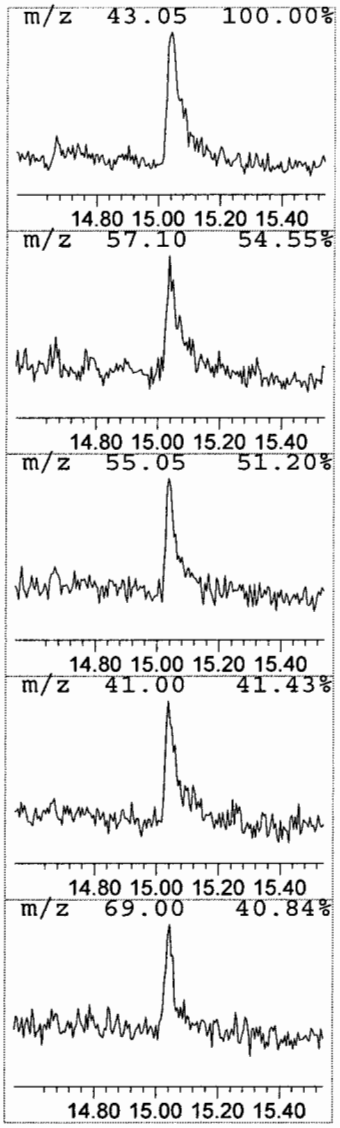
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Stigmast-5-en-3-ol, (3.beta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	35.52 ng	295649	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	78
2	Stigmast-5-en-3-ol, (3.beta.)-	414	C29H50O	000083-46-5	37
3	Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	25
4	Benzofuran, 7-(2,4-dinitrophenox...	388	C19H20N2O7	062059-48-7	9
5	Crocetin dichloride	364	C20H22Cl2O2	072504-47-3	7





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

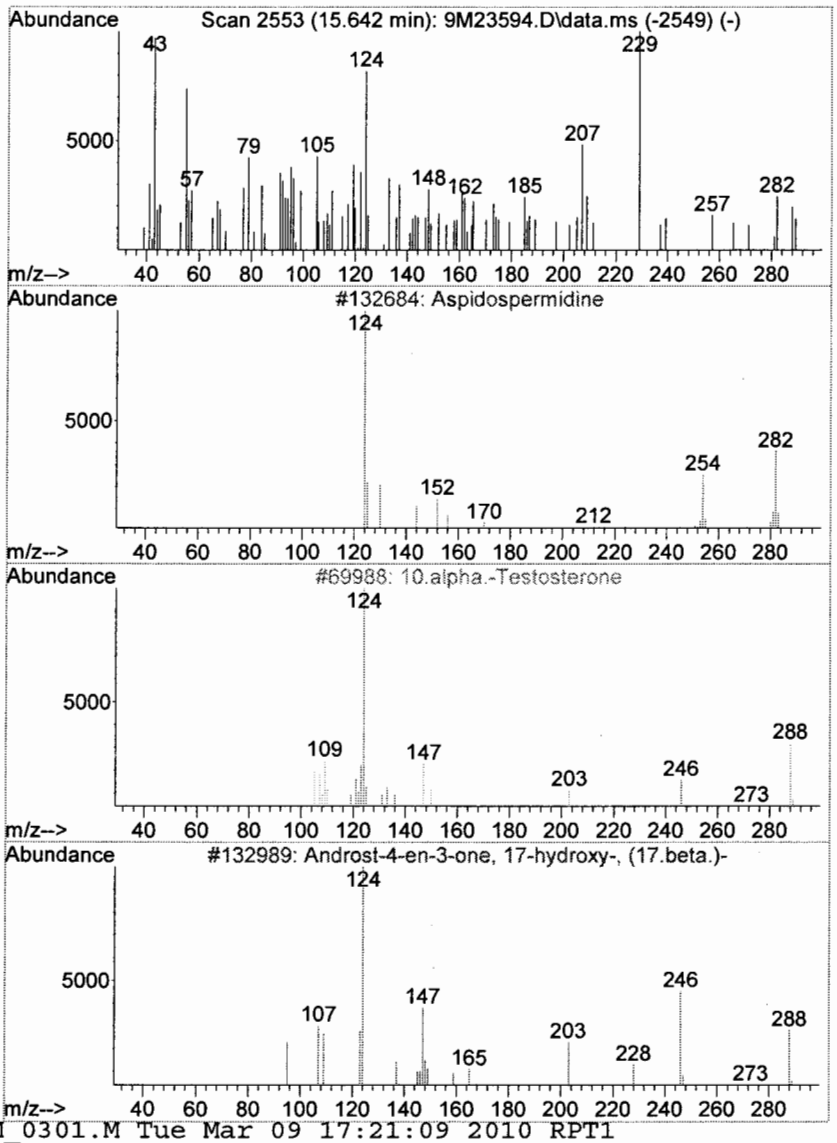
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

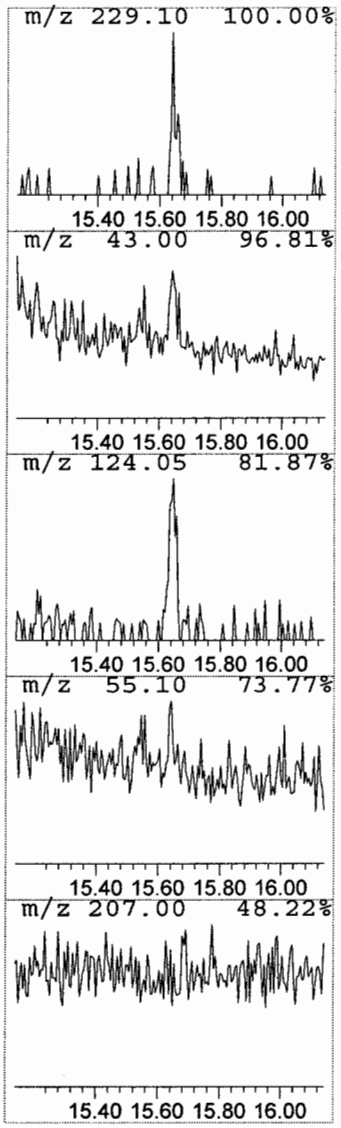
****

Peak Number 20 unknown Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	4.15 ng	34552	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aspidospermidine	282	C19H26N2	002912-09-6	22
2	10.alpha.-Testosterone	288	C19H28O2	000604-39-7	18
3	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000058-22-0	14
4	anti-7-Methoxycarbonyl-norborn-2...	152	C9H12O2	041076-09-9	11
5	Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000058-22-0	10





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23594.D
Acq On : 5 Mar 2010 18:05
Operator : AHD
Sample : AC50108-001
Misc : S,BNA
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.79	9.0	ng	41300	1	5.20	5.20	183711	40.0
2-Pentanone, 4-hy...	3.69	4877.1	ng	22399663	1	5.20	5.20	183711	40.0
Ethanol, 2-butoxy-	4.27	5.5	ng	25446	1	5.20	5.20	183711	40.0
unknown	4.38	19.1	ng	87931	1	5.20	5.20	183711	40.0
2-Propanol, 1-but...	4.60	7.4	ng	33880	1	5.20	5.20	183711	40.0
Benzene, 1,3,5-tr...	5.06	4.3	ng	19605	1	5.20	5.20	183711	40.0
unknown	6.20	6.3	ng	51720	2	6.22	6.22	328385	40.0
Eicosane	9.78	4.1	ng	37216	4	8.96	8.96	360887	40.0
Octadecane	10.22	5.4	ng	49050	4	8.96	8.96	360887	40.0
Heptadecane, 9-oc...	10.66	7.6	ng	57626	5	11.96	11.96	303524	40.0
Triacontane	11.09	7.7	ng	58730	5	11.96	11.96	303524	40.0
Dodecane, 2-methyl-	11.50	9.0	ng	68086	5	11.96	11.96	303524	40.0
Octadecane	11.64	4.0	ng	30576	5	11.96	11.96	303524	40.0
Pentacosane	11.90	7.4	ng	56069	5	11.96	11.96	303524	40.0
unknown	12.25	4.5	ng	34244	5	11.96	11.96	303524	40.0
Octadecane, 3-eth...	12.29	6.7	ng	51104	5	11.96	11.96	303524	40.0
unknown	12.41	5.7	ng	43402	5	11.96	11.96	303524	40.0
Hexadecane, 2,6,1...	12.78	6.1	ng	50557	6	13.56	13.56	332949	40.0
Stigmast-5-en-3-o...	15.04	35.5	ng	295649	6	13.56	13.56	332949	40.0
unknown	15.64	4.2	ng	34552	6	13.56	13.56	332949	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210S01
Data File: 9M23609.D
Analysis Date: 03/08/10 09:23
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 57

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.12	U	191-24-2	Benzo[g,h,i]perylene	0.12	U
122-66-7	1,2-Diphenylhydrazine	0.12	U	207-08-9	Benzo[k]fluoranthene	0.12	U
95-95-4	2,4,5-Trichlorophenol	0.12	U	65-85-0	Benzoic Acid	0.58	U
88-06-2	2,4,6-Trichlorophenol	0.12	U	111-91-1	bis(2-Chloroethoxy)methan	0.12	U
120-83-2	2,4-Dichlorophenol	0.12	U	111-44-4	bis(2-Chloroethyl)ether	0.12	U
105-67-9	2,4-Dimethylphenol	0.12	U	108-60-1	bis(2-chloroisopropyl)ether	0.12	U
51-28-5	2,4-Dinitrophenol	0.58	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.12	U
121-14-2	2,4-Dinitrotoluene	0.12	U	85-68-7	Butylbenzylphthalate	0.12	U
606-20-2	2,6-Dinitrotoluene	0.12	U	86-74-8	Carbazole	0.12	U
91-58-7	2-Chloronaphthalene	0.12	U	**218-01-9**	**Chrysene**	**0.12**	**0.17**
95-57-8	2-Chlorophenol	0.12	U	53-70-3	Dibenzo[a,h]anthracene	0.12	U
91-57-6	**2-Methylnaphthalene**	**0.12**	**0.53**	132-64-9	Dibenzofuran	0.12	U
95-48-7	2-Methylphenol	0.12	U	84-66-2	Diethylphthalate	0.12	U
88-74-4	2-Nitroaniline	0.12	U	131-11-3	Dimethylphthalate	0.12	U
88-75-5	2-Nitrophenol	0.12	U	84-74-2	Di-n-butylphthalate	0.12	U
106-44-5	3&4-Methylphenol	0.12	U	117-84-0	Di-n-octylphthalate	0.12	U
91-94-1	3,3'-Dichlorobenzidine	0.12	U	**206-44-0**	**Fluoranthene**	**0.12**	**0.34**
99-09-2	3-Nitroaniline	0.12	U	86-73-7	Fluorene	0.12	U
534-52-1	4,6-Dinitro-2-methylphenol	0.58	U	118-74-1	Hexachlorobenzene	0.12	U
101-55-3	4-Bromophenyl-phenylether	0.12	U	87-68-3	Hexachlorobutadiene	0.12	U
59-50-7	4-Chloro-3-methylphenol	0.12	U	77-47-4	Hexachlorocyclopentadiene	0.58	U
106-47-8	4-Chloroaniline	0.12	U	67-72-1	Hexachloroethane	0.12	U
7005-72-3	4-Chlorophenyl-phenylether	0.12	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.12	U
100-01-6	4-Nitroaniline	0.12	U	78-59-1	Isophorone	0.12	U
100-02-7	4-Nitrophenol	0.12	U	**91-20-3**	**Naphthalene**	**0.12**	**0.34**
83-32-9	Acenaphthene	0.12	U	98-95-3	Nitrobenzene	0.12	U
208-96-8	Acenaphthylene	0.12	U	62-75-9	N-Nitrosodimethylamine	0.12	U
62-53-3	Aniline	0.12	U	621-64-7	N-Nitroso-di-n-propylamine	0.12	U
120-12-7	Anthracene	0.12	U	86-30-6	n-Nitrosodiphenylamine	0.12	U
92-87-5	Benzidine	0.58	U	87-86-5	Pentachlorophenol	0.58	U
56-55-3	Benzo[a]anthracene	0.12	U	**85-01-8**	**Phenanthrene**	**0.12**	**0.33**
50-32-8	Benzo[a]pyrene	0.12	U	108-95-2	Phenol	0.12	U
205-99-2	**Benzo[b]fluoranthene**	**0.12**	**0.13**	**129-00-0**	**Pyrene**	**0.12**	**0.27**

Worksheet #: 144678

Total Target Concentration 2.1

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-002
Client Id: PI-01-TP-RAP1030210
Data File: 9M23609.D
Analysis Date: 03/08/10 09:23
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 57
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	260 JAB
2	629-78-7	Heptadecane	8.39	1.5 J
3	544-63-8	Tetradecanoic acid	9.60	5.3 J
4		unknown	9.87	1.8 J
5		unknown	9.99	3.3 J
6	40230-93-1	3-[(Trimethylsilyl)ethynyl]benzotrifluor	10.09	1.4 J
7	54833-48-6	Heptadecane, 2,6,10,15-tetramethyl-	10.21	1.5 J
8	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.34	2.9 J
9	7225-66-3	Tridecane, 7-hexyl-	10.65	1.6 J
10	16914-12-8	(E,E)-2,5-Diphenyl-2,4-hexadiene	10.88	3.1 J
11	638-67-5	Tricosane	11.08	1.7 J
12	630-06-8	Hexatriacontane	11.89	1.6 J
13		unknown	13.26	4.5 J
14		unknown	13.31	3.4 J
15	19454-79-6	19-NORCHOLESTA-1,3,5(10)-TRIEN-6-	13.67	1.8 J
16		unknown	13.87	2.3 J
17		unknown	13.92	3.6 J
18		unknown	13.97	2.1 J
19		unknown	14.13	2.5 J
20		unknown	14.26	1.4 J
21		unknown	14.65	3.1 J
22	83-47-6	Stigmast-5-en-3-ol, (3.beta.,24S)-	15.02	5.8 J
23		unknown	15.11	2.5 J
24		unknown	15.19	2.3 J
25		unknown	15.53	9.5 J

Worksheet #: 144678

Total Tentatively Identified Concentration 330

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

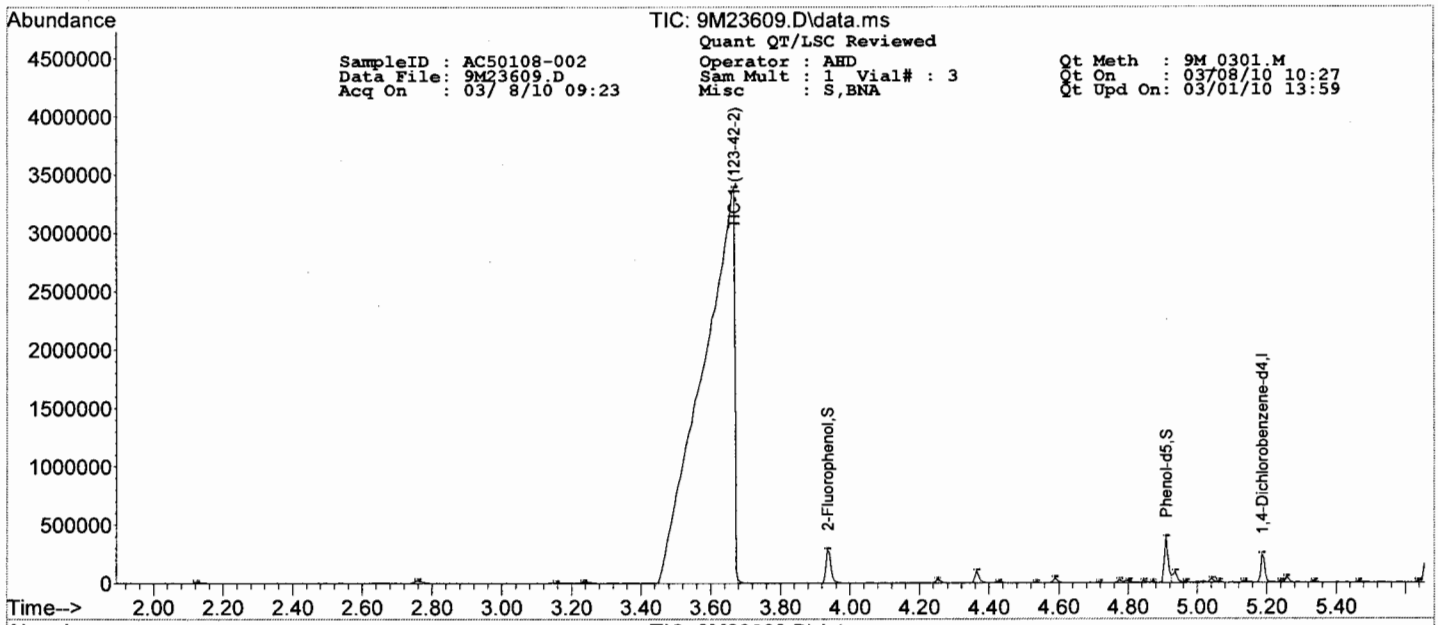
SampleID : AC50108-002 Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23609.D Sam Mult : 1 Vial# : 3 Qt On : 03/08/10 10:27
Acq On : 03/ 8/10 09:23 Misc : S,BNA Qt Upd On: 03/01/10 13:59

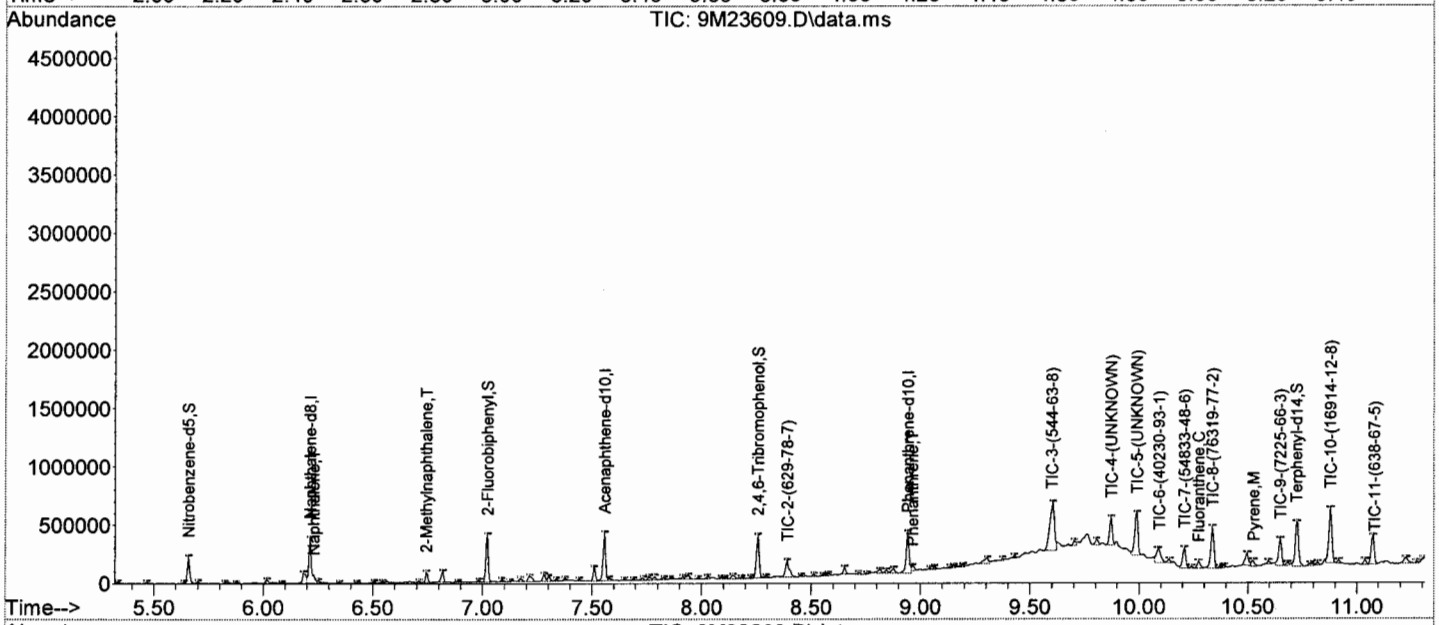
Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

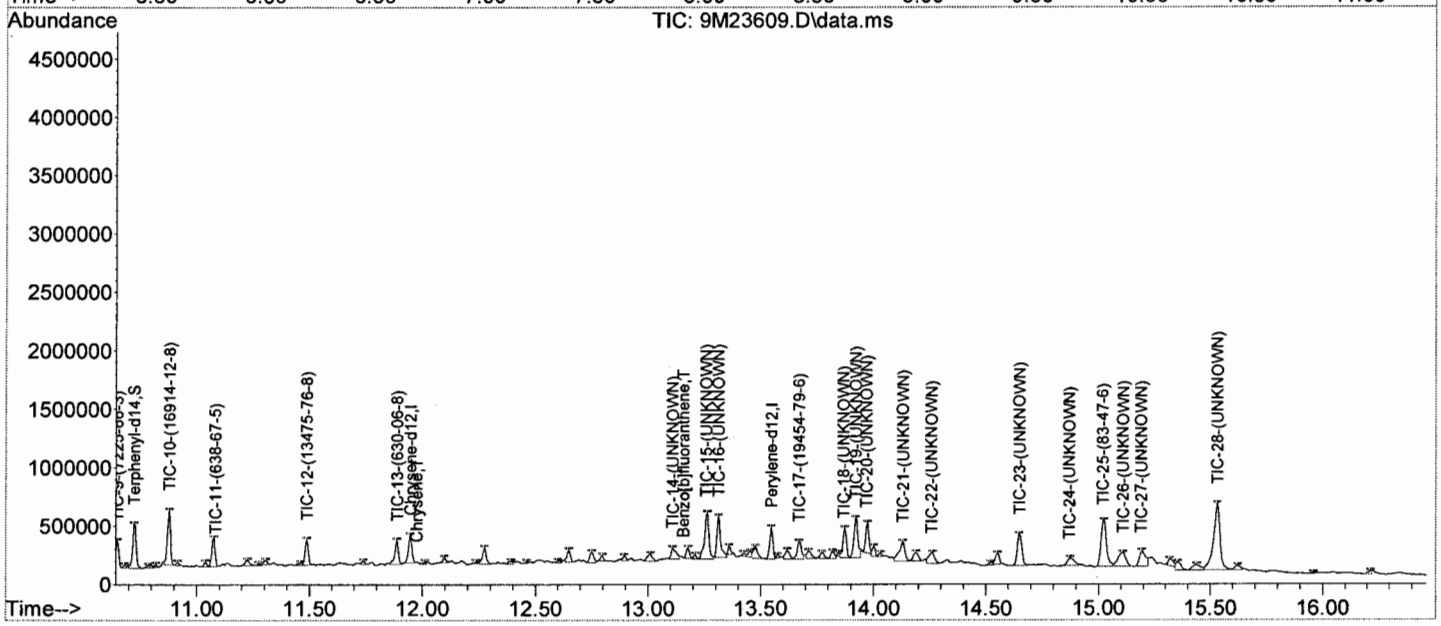
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.187	152	29328	40.00	ng	-0.08
29) Naphthalene-d8	6.214	136	113961	40.00	ng	-0.08
47) Acenaphthene-d10	7.556	164	64606	40.00	ng	-0.09
73) Phenanthrene-d10	8.942	188	98496	40.00	ng	-0.10
87) Chrysene-d12	11.948	240	84213	40.00	ng	-0.11
102) Perylene-d12	13.547	264	87875	40.00	ng	-0.11
System Monitoring Compounds						
10) 2-Fluorophenol	3.935	112	74279	94.19	ng	-0.07
Spiked Amount 100.000			Recovery = 94.19%			
15) Phenol-d5	4.909	99	99180	96.45	ng	-0.07
Spiked Amount 100.000			Recovery = 96.45%			
30) Nitrobenzene-d5	5.658	128	20770	43.48	ng	-0.08
Spiked Amount 50.000			Recovery = 86.96%			
52) 2-Fluorobiphenyl	7.022	172	94430	42.73	ng	-0.07
Spiked Amount 50.000			Recovery = 85.46%			
76) 2,4,6-Tribromophenol	8.257	330	24177	132.05	ng	-0.10
Spiked Amount 100.000			Recovery = 132.05%			
90) Terphenyl-d14	10.723	244	106248	43.97	ng	-0.11
Spiked Amount 50.000			Recovery = 87.94%			
Target Compounds						Qvalue
39) Naphthalene	6.230	128	16686	5.75	ng	94
44) 2-Methylnaphthalene	6.743	142	18040	9.11	ng	97
82) Phenanthrene	8.963	178	16216	5.65	ng	97
86) Fluoranthene	10.274	202	18019	5.77	ng	99
88) Pyrene	10.525	202	15424	4.55	ng	93
100) Chrysene	11.974	228	8373	2.86	ng	98
104) Benzo[b]fluoranthene	13.156	252	6738	2.30	ng	71
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.187		191781	40.00	ng	--
2) Naphthalene-d8	6.214		299434m	40.00	ng	--
3) Acenaphthene-d10	7.556		334644	40.00	ng	--
4) Phenanthrene-d10	8.942		272800m	40.00	ng	--
5) Chrysene-d12	11.948		330232	40.00	ng	--
6) Perylene-d12	13.547		278479	40.00	ng	--
Library Search Compounds						
1) 123-42-2	3.670		21594697	4504.03	ng	45
2) 629-78-7	8.390		174804	25.63	ng	94
3) 544-63-8	9.600		613176	89.91	ng	95
4) UNKNOWN	9.870		215590	31.61	ng	--
5) UNKNOWN	9.990		385485	56.52	ng	--
6) 40230-93-1	10.090		168250	24.67	ng	83
7) 54833-48-6	10.210		173198	25.40	ng	95
8) 76319-77-2	10.340		339346	49.76	ng	90
9) 7225-66-3	10.650		227366	27.54	ng	95
10) 16914-12-8	10.880		440823	53.40	ng	91
11) 638-67-5	11.080		240094	29.08	ng	99
12) 13475-76-8	11.490		199692	24.19	ng	91
13) 630-06-8	11.890		223752	27.10	ng	93
14) UNKNOWN	13.110		149355	21.45	ng	--
15) UNKNOWN	13.260		532139	76.44	ng	--
16) UNKNOWN	13.310		409353	58.80	ng	--
17) 19454-79-6	13.670		209103	30.04	ng	58
18) UNKNOWN	13.870		274871	39.48	ng	--
19) UNKNOWN	13.920		432368	62.10	ng	--
20) UNKNOWN	13.970		252488	36.27	ng	--
21) UNKNOWN	14.130		293037	42.09	ng	--
22) UNKNOWN	14.260		171131	24.58	ng	--
23) UNKNOWN	14.650		371270	53.33	ng	--
24) UNKNOWN	14.870		139393	20.02	ng	--
25) 83-47-6	15.020		685530	98.47	ng	86
26) UNKNOWN	15.110		302339	43.43	ng	--
27) UNKNOWN	15.190		269367	38.69	ng	--
28) UNKNOWN	15.530		1133904	162.87	ng	--

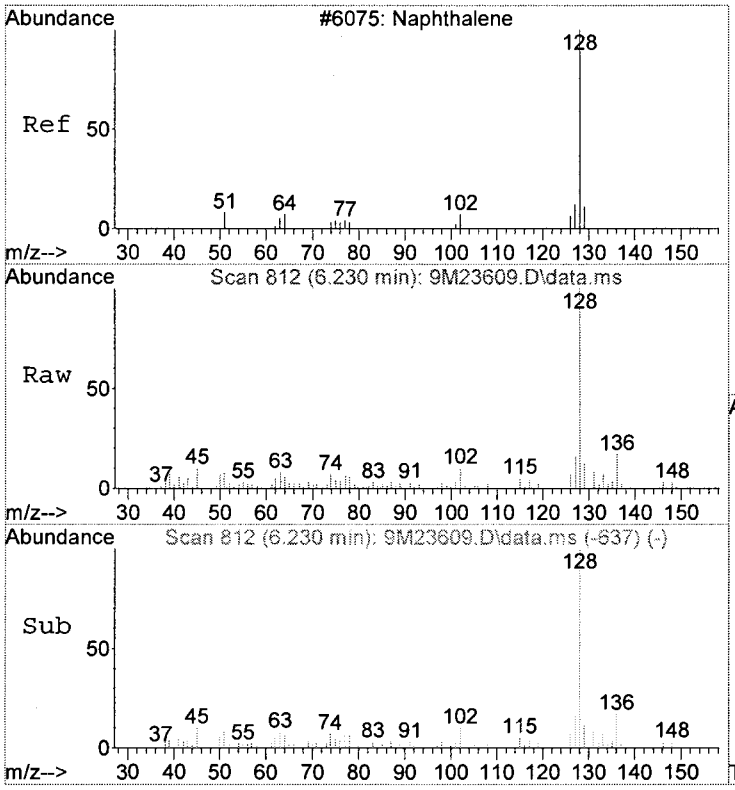
(#) = qualifier out of range (m) = manual integration (+) = signals summed

lle


Abundance
TIC: 9M23609.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-002
Data File: 9M23609.D
Acq On : 03/ 8/10 09:23
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/08/10 10:27
Qt Upd On: 03/01/10 13:59
TIC-1-(123-42-2)
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Time-->


Abundance
TIC: 9M23609.D\data.ms
Nitrobenzene-d5,S
2-Methylnaphthalene,T
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
TIC-2-(629-78-7)
TIC-3-(544-63-8)
TIC-4-(UNKNOWN)
TIC-5-(UNKNOWN)
TIC-6-(40230-93-1)
TIC-7-(54833-48-6)
TIC-8-(76319-77-2)
Pyrene,M
TIC-9-(7225-66-3)
Terphenyl-d14,S
TIC-10-(16914-12-8)
TIC-11-(638-67-5)
Time-->

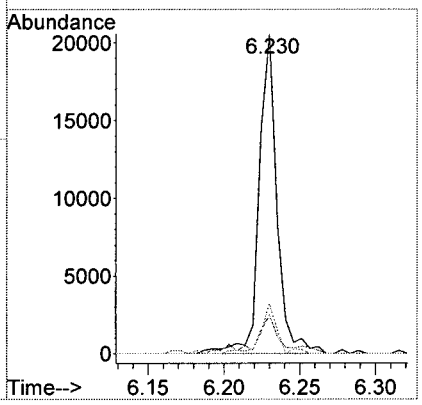

Abundance
TIC: 9M23609.D\data.ms
Terphenyl-d14,S
TIC-10-(16914-12-8)
TIC-11-(638-67-5)
TIC-12-(13475-76-8)
TIC-13-(630-06-8)
Chrysene-d12,I
TIC-14-(UNKNOWN)
Benzo(b)fluoranthene,T
TIC-15-(UNKNOWN)
TIC-16-(UNKNOWN)
Perylene-d12,I
TIC-17-(19454-79-6)
TIC-18-(UNKNOWN)
TIC-19-(UNKNOWN)
TIC-20-(UNKNOWN)
TIC-21-(UNKNOWN)
TIC-22-(UNKNOWN)
TIC-23-(UNKNOWN)
TIC-24-(UNKNOWN)
TIC-25-(83-47-6)
TIC-26-(UNKNOWN)
TIC-27-(UNKNOWN)
TIC-28-(UNKNOWN)
Time-->

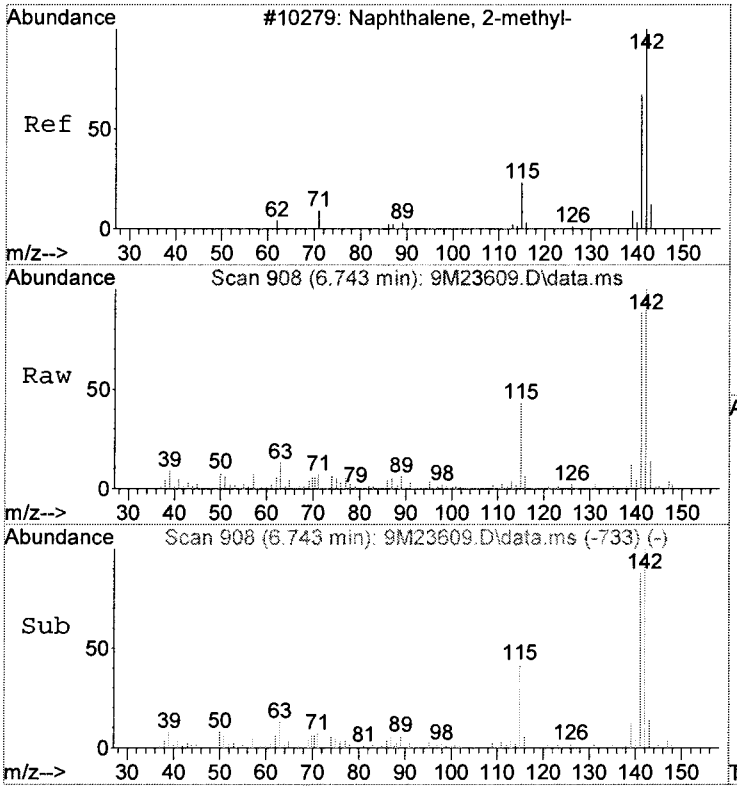


#39
Naphthalene
Concen: 5.75 ng
RT: 6.230 min Scan# 812
Delta R.T. -0.079 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:128 Resp: 16686

Ion	Ratio	Lower	Upper
128	100		
129	12.0	0.0	50.9
127	15.7	0.0	52.4

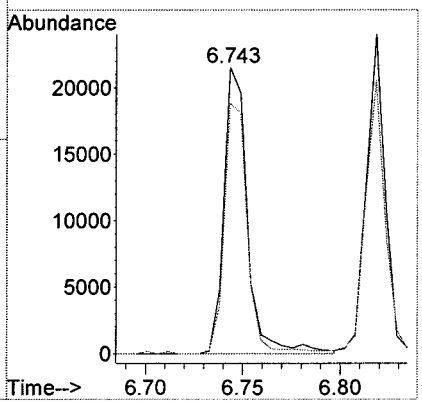


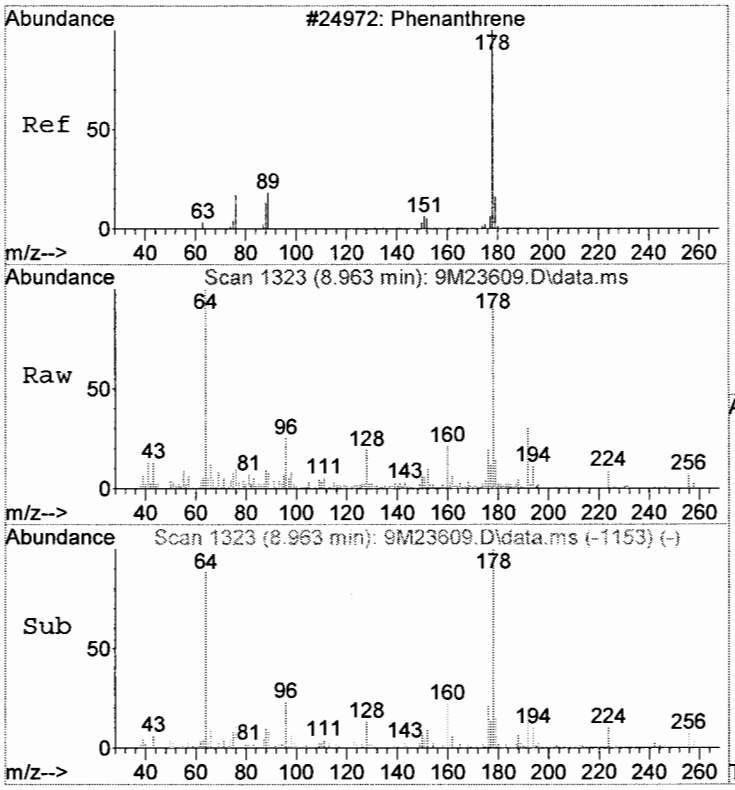


#44
2-Methylnaphthalene
Concen: 9.11 ng
RT: 6.743 min Scan# 908
Delta R.T. -0.079 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:142 Resp: 18040

Ion	Ratio	Lower	Upper
142	100		
141	87.6	44.6	124.6

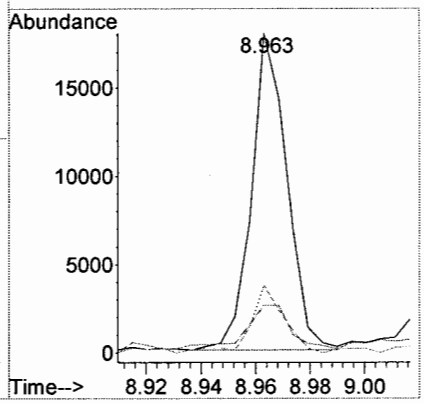


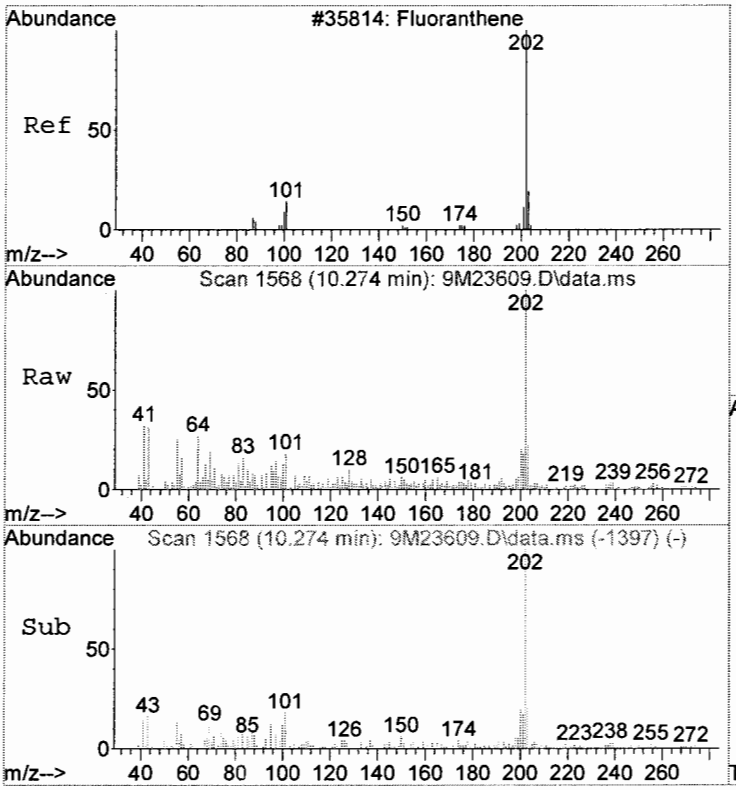


#82
Phenanthrene
Concen: 5.65 ng
RT: 8.963 min Scan# 1323
Delta R.T. -0.105 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:178 Resp: 16216

Ion	Ratio	Lower	Upper
178	100		
179	14.0	0.0	55.5
176	20.3	0.0	59.3

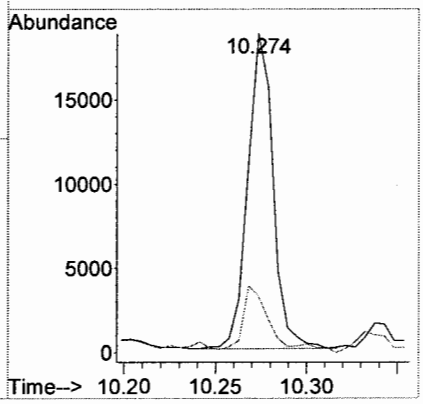


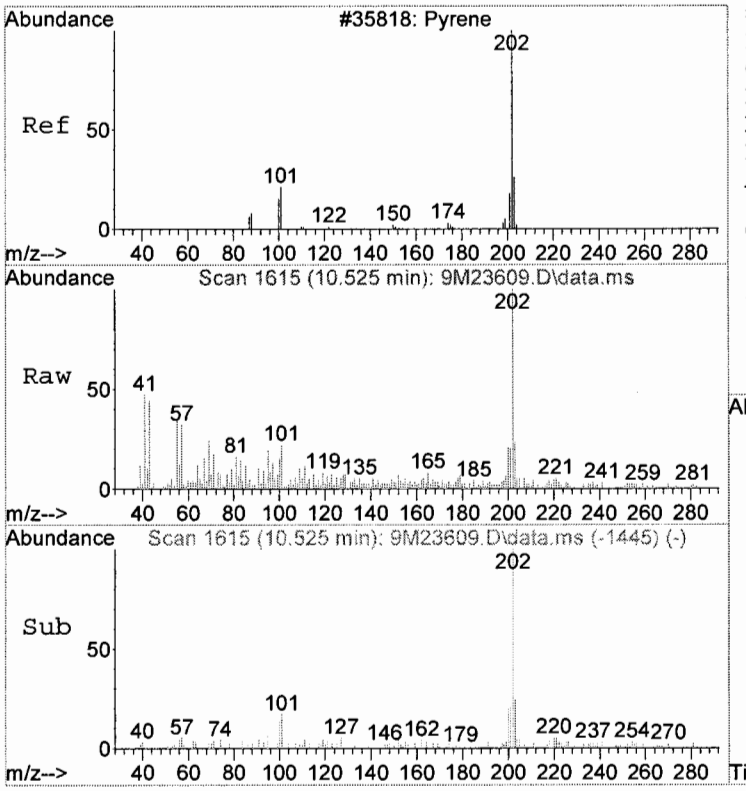


#86
Fluoranthene
Concen: 5.77 ng
RT: 10.274 min Scan# 1568
Delta R.T. -0.100 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:202 Resp: 18019

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	57.6

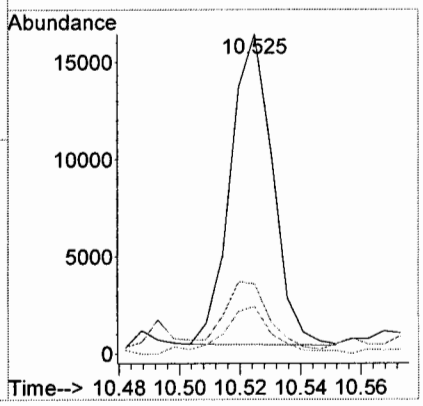


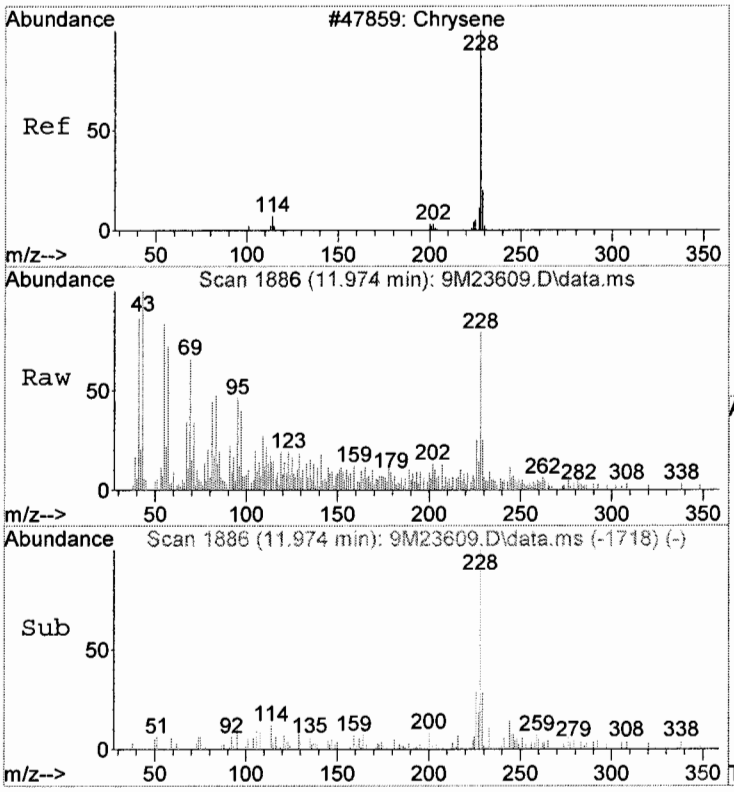


#88
Pyrene
Concen: 4.55 ng
RT: 10.525 min Scan# 1615
Delta R.T. -0.105 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:202 Resp: 15424

Ion	Ratio	Lower	Upper
202	100		
101	19.4	0.0	62.2
100	14.3	0.0	57.8

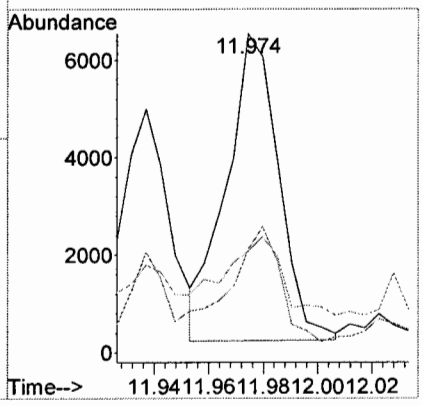


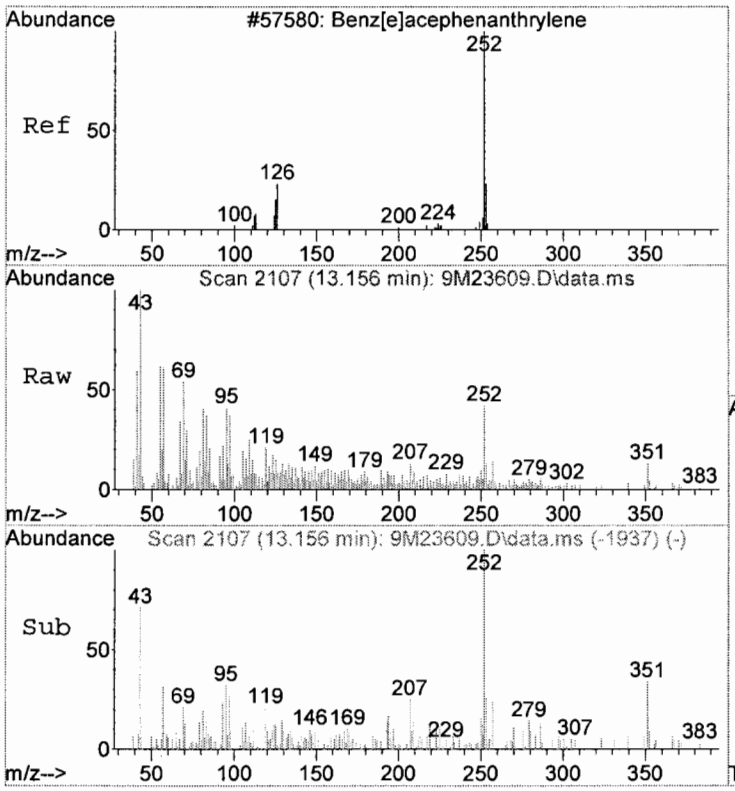


#100
Chrysene
Concen: 2.86 ng
RT: 11.974 min Scan# 1886
Delta R.T. -0.116 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:228 Resp: 8373

Ion	Ratio	Lower	Upper
228	100		
226	29.1	9.5	49.5
229	18.4	0.0	60.2

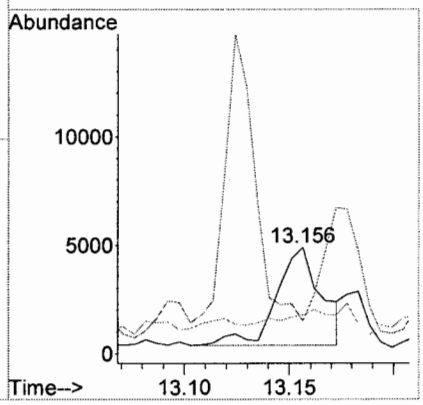




#104
Benzo[b]fluoranthene
Concen: 2.30 ng
RT: 13.156 min Scan# 2107
Delta R.T. -0.105 min
Lab File: 9M23609.D
Acq: 8 Mar 2010 9:23

Tgt Ion:252 Resp: 6738

Ion	Ratio	Lower	Upper
252	100		
253	1.4	0.0	62.3
125	13.5	0.0	58.4



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	42	44	53	rBV	9797	14461	0.07%	0.037%
2	2.759	158	163	171	rBV4	20201	37219	0.17%	0.095%
3	3.155	231	237	238	rBV3	5450	7527	0.03%	0.019%
4	3.235	247	252	264	rVB4	11088	27806	0.13%	0.071%
5	3.668	291	333	335	rBV	3380451	21594697	100.00%	55.288%
6	3.935	380	383	393	rBV	283247	278440	1.29%	0.713%
7	4.251	438	442	450	rBV	27469	28148	0.13%	0.072%
8	4.363	460	463	469	rBV	99543	82709	0.38%	0.212%
9	4.427	471	475	483	rVB6	8506	12895	0.06%	0.033%
10	4.534	492	495	499	rVB4	7231	6989	0.03%	0.018%
11	4.588	499	505	510	rBV	39991	35172	0.16%	0.090%
12	4.716	526	529	531	rVB2	7319	5811	0.03%	0.015%
13	4.775	535	540	542	rBV	20922	18293	0.08%	0.047%
14	4.802	542	545	548	rVB4	13529	16043	0.07%	0.041%
15	4.845	551	553	556	rBV2	11913	11211	0.05%	0.029%
16	4.871	556	558	562	rVB	7442	6463	0.03%	0.017%
17	4.909	562	565	568	rBV	386315	314220	1.46%	0.804%
18	4.936	568	570	574	rVV	92214	79311	0.37%	0.203%
19	4.968	574	576	580	rVB2	8945	7613	0.04%	0.019%
20	5.043	587	590	592	rBV	26734	21511	0.10%	0.055%
21	5.064	592	594	599	rVB2	13398	10784	0.05%	0.028%
22	5.134	604	607	609	rBV	13891	12567	0.06%	0.032%
23	5.187	614	617	621	rBV	239355	188881	0.87%	0.484%
24	5.240	625	627	628	rBV	10642	7013	0.03%	0.018%
25	5.257	628	630	634	rVB	44827	33811	0.16%	0.087%
26	5.337	639	645	648	rVB6	11078	12458	0.06%	0.032%
27	5.465	666	669	671	rBV	11672	8066	0.04%	0.021%
28	5.636	698	701	702	rBV2	11362	7576	0.04%	0.019%
29	5.658	702	705	711	rVV	227492	165446	0.77%	0.424%
30	5.700	711	713	717	rVB	16341	11789	0.05%	0.030%
31	5.823	732	736	738	rBV3	7662	5926	0.03%	0.015%
32	5.877	742	746	751	rVB4	5088	6416	0.03%	0.016%
33	6.016	769	772	775	rBV2	29454	29831	0.14%	0.076%
34	6.086	782	785	790	rVB5	4550	6253	0.03%	0.016%
35	6.182	798	803	806	rBV2	89101	106995	0.50%	0.274%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

36	6.214	806	809	815	rVV2	383248	337902	1.56%	0.865%
37	6.251	815	816	819	rVB	18436	11231	0.05%	0.029%
38	6.348	830	834	837	rBV5	5978	7501	0.03%	0.019%
39	6.428	844	849	851	rBV2	9559	10656	0.05%	0.027%
40	6.508	861	864	866	rBV2	11437	8373	0.04%	0.021%
41	6.546	866	871	873	rBV5	9080	11027	0.05%	0.028%
42	6.711	899	902	904	rVB3	12527	10692	0.05%	0.027%
43	6.743	904	908	912	rBV	90346	72827	0.34%	0.186%
44	6.818	917	922	925	rVB2	90805	77384	0.36%	0.198%
45	6.888	933	935	938	rBV4	6773	6031	0.03%	0.015%
46	6.984	948	953	956	rVB5	15553	15460	0.07%	0.040%
47	7.022	956	960	963	rBV	403703	312676	1.45%	0.801%
48	7.086	969	972	976	rVB4	17513	16107	0.07%	0.041%
49	7.123	976	979	980	rBV3	6507	5718	0.03%	0.015%
50	7.171	986	988	993	rVB2	24910	26293	0.12%	0.067%
51	7.214	993	996	1001	rBV2	43264	60280	0.28%	0.154%
52	7.278	1005	1008	1011	rBV	57841	53325	0.25%	0.137%
53	7.300	1011	1012	1016	rVB2	38375	28842	0.13%	0.074%
54	7.337	1016	1019	1021	rBV4	17166	15224	0.07%	0.039%
55	7.375	1024	1026	1030	rBV4	14945	14961	0.07%	0.038%
56	7.439	1035	1038	1041	rVB4	13322	12106	0.06%	0.031%
57	7.508	1048	1051	1055	rBV	115222	92082	0.43%	0.236%
58	7.556	1055	1060	1063	rVV	408636	320472	1.48%	0.820%
59	7.578	1063	1064	1069	rVB5	17329	15966	0.07%	0.041%
60	7.647	1074	1077	1081	rBV5	10032	12433	0.06%	0.032%
61	7.690	1082	1085	1087	rVB4	9929	7466	0.03%	0.019%
62	7.733	1087	1093	1095	rBV6	19228	21503	0.10%	0.055%
63	7.760	1095	1098	1101	rBV3	28309	27467	0.13%	0.070%
64	7.786	1101	1103	1107	rVB4	28619	19724	0.09%	0.050%
65	7.829	1107	1111	1114	rBV5	14161	22081	0.10%	0.057%
66	7.856	1114	1116	1119	rBV4	10306	11570	0.05%	0.030%
67	7.915	1122	1127	1128	rBV4	19207	19546	0.09%	0.050%
68	7.942	1128	1132	1137	rVB6	34099	43959	0.20%	0.113%
69	7.984	1137	1140	1143	rBV4	12468	14025	0.06%	0.036%
70	8.027	1145	1148	1150	rBV3	19496	17949	0.08%	0.046%
71	8.091	1156	1160	1162	rBV5	12257	14328	0.07%	0.037%
72	8.107	1162	1163	1167	rVB4	7857	6984	0.03%	0.018%
73	8.145	1167	1170	1173	rBV5	26773	31076	0.14%	0.080%
74	8.182	1173	1177	1182	rVB8	15038	21314	0.10%	0.055%
75	8.225	1182	1185	1187	rBV3	16436	18303	0.08%	0.047%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

76	8.257	1187	1191	1195	rVV	363959	313343	1.45%	0.802%
77	8.295	1195	1198	1202	rVB5	12542	15897	0.07%	0.041%
78	8.391	1210	1216	1224	rVB	139392	174804	0.81%	0.448%
79	8.455	1226	1228	1230	rBV3	11339	9573	0.04%	0.025%
80	8.514	1237	1239	1242	rBV3	17052	16419	0.08%	0.042%
81	8.557	1244	1247	1249	rBV4	11476	12956	0.06%	0.033%
82	8.578	1249	1251	1255	rVV4	16872	19331	0.09%	0.049%
83	8.653	1262	1265	1268	rBV	56171	41365	0.19%	0.106%
84	8.717	1275	1277	1281	rVB5	14950	14443	0.07%	0.037%
85	8.755	1281	1284	1285	rBV3	8906	7703	0.04%	0.020%
86	8.813	1293	1295	1298	rVB	25691	24292	0.11%	0.062%
87	8.845	1298	1301	1303	rBV2	24585	20544	0.10%	0.053%
88	8.878	1304	1307	1311	rVB3	38671	38907	0.18%	0.100%
89	8.942	1312	1319	1322	rBV	350245	347745	1.61%	0.890%
90	8.963	1322	1323	1327	rVB	39945	33023	0.15%	0.085%
91	9.043	1336	1338	1339	rBV2	11949	6697	0.03%	0.017%
92	9.065	1340	1342	1345	rVB4	19459	15901	0.07%	0.041%
93	9.134	1351	1355	1356	rBV2	16015	17972	0.08%	0.046%
94	9.150	1356	1358	1361	rVB4	17907	17263	0.08%	0.044%
95	9.177	1361	1363	1364	rBV2	10543	7763	0.04%	0.020%
96	9.193	1364	1366	1368	rBV2	14369	14627	0.07%	0.037%
97	9.305	1380	1387	1389	rBV5	48267	79759	0.37%	0.204%
98	9.375	1398	1400	1401	rBV2	16087	8425	0.04%	0.022%
99	9.428	1408	1410	1412	rBV2	22738	16992	0.08%	0.044%
100	9.605	1436	1443	1446	rBV	413141	613176	2.84%	1.570%
101	9.701	1459	1461	1463	rBV2	40073	35432	0.16%	0.091%
102	9.803	1478	1480	1483	rVB3	47876	40272	0.19%	0.103%
103	9.872	1489	1493	1496	rBV2	236246	215590	1.00%	0.552%
104	9.990	1510	1515	1518	rVB	362932	385485	1.79%	0.987%
105	10.086	1530	1533	1539	rVB2	115366	168250	0.78%	0.431%
106	10.140	1540	1543	1545	rVB4	27601	24164	0.11%	0.062%
107	10.209	1552	1556	1560	rVB	173254	173198	0.80%	0.443%
108	10.241	1560	1562	1565	rVB4	16865	11952	0.06%	0.031%
109	10.274	1565	1568	1572	rBV2	58264	56668	0.26%	0.145%
110	10.338	1576	1580	1584	rVB	356860	339346	1.57%	0.869%
111	10.370	1584	1586	1588	rBV3	12683	11387	0.05%	0.029%
112	10.391	1588	1590	1593	rVB4	16083	17563	0.08%	0.045%
113	10.498	1606	1610	1613	rBV2	103124	117601	0.54%	0.301%
114	10.525	1613	1615	1619	rVB2	49446	44942	0.21%	0.115%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	10.594	1626	1628	1631	rBV3	28886	24203	0.11%	0.062%
116	10.648	1634	1638	1642	rVB	230781	227366	1.05%	0.582%
117	10.680	1642	1644	1646	rBV3	23864	23073	0.11%	0.059%
118	10.723	1648	1652	1659	rVB	379481	407726	1.89%	1.044%
119	10.787	1661	1664	1668	rBV6	19128	33733	0.16%	0.086%
120	10.819	1668	1670	1672	rVB3	22588	15875	0.07%	0.041%
121	10.878	1677	1681	1685	rVB	466282	440823	2.04%	1.129%
122	10.915	1686	1688	1691	rVB4	26185	19915	0.09%	0.051%
123	11.038	1708	1711	1714	rBV4	39781	34068	0.16%	0.087%
124	11.076	1714	1718	1721	rBV	244726	240094	1.11%	0.615%
125	11.226	1743	1746	1753	rVB	47164	64687	0.30%	0.166%
126	11.274	1753	1755	1758	rBV4	16052	17959	0.08%	0.046%
127	11.306	1758	1761	1764	rVB5	34171	39401	0.18%	0.101%
128	11.461	1786	1790	1792	rBV5	21221	32259	0.15%	0.083%
129	11.488	1792	1795	1799	rVB	217361	199692	0.92%	0.511%
130	11.739	1840	1842	1845	rVB4	27512	28257	0.13%	0.072%
131	11.889	1864	1870	1874	rVB	204454	223752	1.04%	0.573%
132	11.948	1876	1881	1885	rBV	240804	260078	1.20%	0.666%
133	12.012	1891	1893	1894	rBV2	21234	15591	0.07%	0.040%
134	12.097	1906	1909	1912	rBV4	43076	38601	0.18%	0.099%
135	12.236	1933	1935	1937	rBV3	17406	14713	0.07%	0.038%
136	12.274	1938	1942	1947	rVB	140831	160197	0.74%	0.410%
137	12.392	1960	1964	1966	rBV5	25763	35397	0.16%	0.091%
138	12.461	1975	1977	1978	rBV2	15443	9293	0.04%	0.024%
139	12.600	2001	2003	2006	rBV4	16669	22154	0.10%	0.057%
140	12.648	2009	2012	2016	rVB2	104382	103562	0.48%	0.265%
141	12.750	2027	2031	2035	rBV5	90565	117560	0.54%	0.301%
142	12.798	2037	2040	2043	rVB2	46147	39572	0.18%	0.101%
143	12.894	2056	2058	2061	rVB3	39742	36106	0.17%	0.092%
144	13.012	2075	2080	2085	rVB5	62621	94862	0.44%	0.243%
145	13.108	2095	2098	2104	rBV5	95289	149355	0.69%	0.382%
146	13.178	2108	2111	2114	rVB3	90905	91384	0.42%	0.234%
147	13.210	2114	2117	2119	rVB4	39700	31809	0.15%	0.081%
148	13.263	2119	2127	2132	rBV2	396070	532139	2.46%	1.362%
149	13.312	2132	2136	2143	rBV3	351111	409353	1.90%	1.048%
150	13.360	2143	2145	2148	rBV	71682	60424	0.28%	0.155%
151	13.424	2155	2157	2160	rBV4	24908	26744	0.12%	0.068%
152	13.456	2160	2163	2164	rVV2	49478	49317	0.23%	0.126%
153	13.477	2164	2167	2172	rVB6	100082	126785	0.59%	0.325%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

154	13.547	2176	2180	2183	rBV	274586	271180	1.26%	0.694%
155	13.574	2183	2185	2188	rVB3	23752	25877	0.12%	0.066%
156	13.616	2190	2193	2198	rVB6	79038	102494	0.47%	0.262%
157	13.670	2198	2203	2207	rBV3	152138	209103	0.97%	0.535%
158	13.713	2209	2211	2218	rVB3	65665	83918	0.39%	0.215%
159	13.772	2220	2222	2228	rVB7	50197	60189	0.28%	0.154%
160	13.820	2228	2231	2234	rBV3	60171	70823	0.33%	0.181%
161	13.846	2234	2236	2237	rBV2	27221	21810	0.10%	0.056%
162	13.873	2237	2241	2245	rVB	254722	274871	1.27%	0.704%
163	13.921	2245	2250	2254	rBV2	340278	432368	2.00%	1.107%
164	13.975	2256	2260	2263	rBV	252271	252488	1.17%	0.646%
165	14.002	2263	2265	2268	rVB2	88938	77709	0.36%	0.199%
166	14.034	2268	2271	2273	rBV3	32347	30725	0.14%	0.079%
167	14.130	2282	2289	2294	rVB4	165473	293037	1.36%	0.750%
168	14.189	2296	2300	2305	rVB2	75344	109781	0.51%	0.281%
169	14.264	2309	2314	2320	rVB5	93525	171131	0.79%	0.438%
170	14.520	2359	2362	2364	rBV4	24617	30334	0.14%	0.078%
171	14.552	2364	2368	2371	rVB3	90621	108543	0.50%	0.278%
172	14.649	2381	2386	2393	rBV2	268990	371270	1.72%	0.951%
173	14.873	2424	2428	2435	rBV7	67268	139393	0.65%	0.357%
174	15.023	2450	2456	2464	rBV2	395017	685530	3.17%	1.755%
175	15.109	2464	2472	2482	rVB5	120125	302339	1.40%	0.774%
176	15.194	2483	2488	2493	rBV6	135076	269367	1.25%	0.690%
177	15.317	2508	2511	2516	rBV7	52610	98857	0.46%	0.253%
178	15.355	2516	2518	2526	rVB7	71653	105523	0.49%	0.270%
179	15.440	2527	2534	2540	rBV10	47906	121737	0.56%	0.312%
180	15.531	2540	2551	2563	rVB2	566294	1133904	5.25%	2.903%
181	15.622	2563	2568	2572	rBV7	37684	63781	0.30%	0.163%
182	15.959	2629	2631	2632	rBV2	7645	6263	0.03%	0.016%
183	16.216	2674	2679	2680	rBV5	27185	32381	0.15%	0.083%

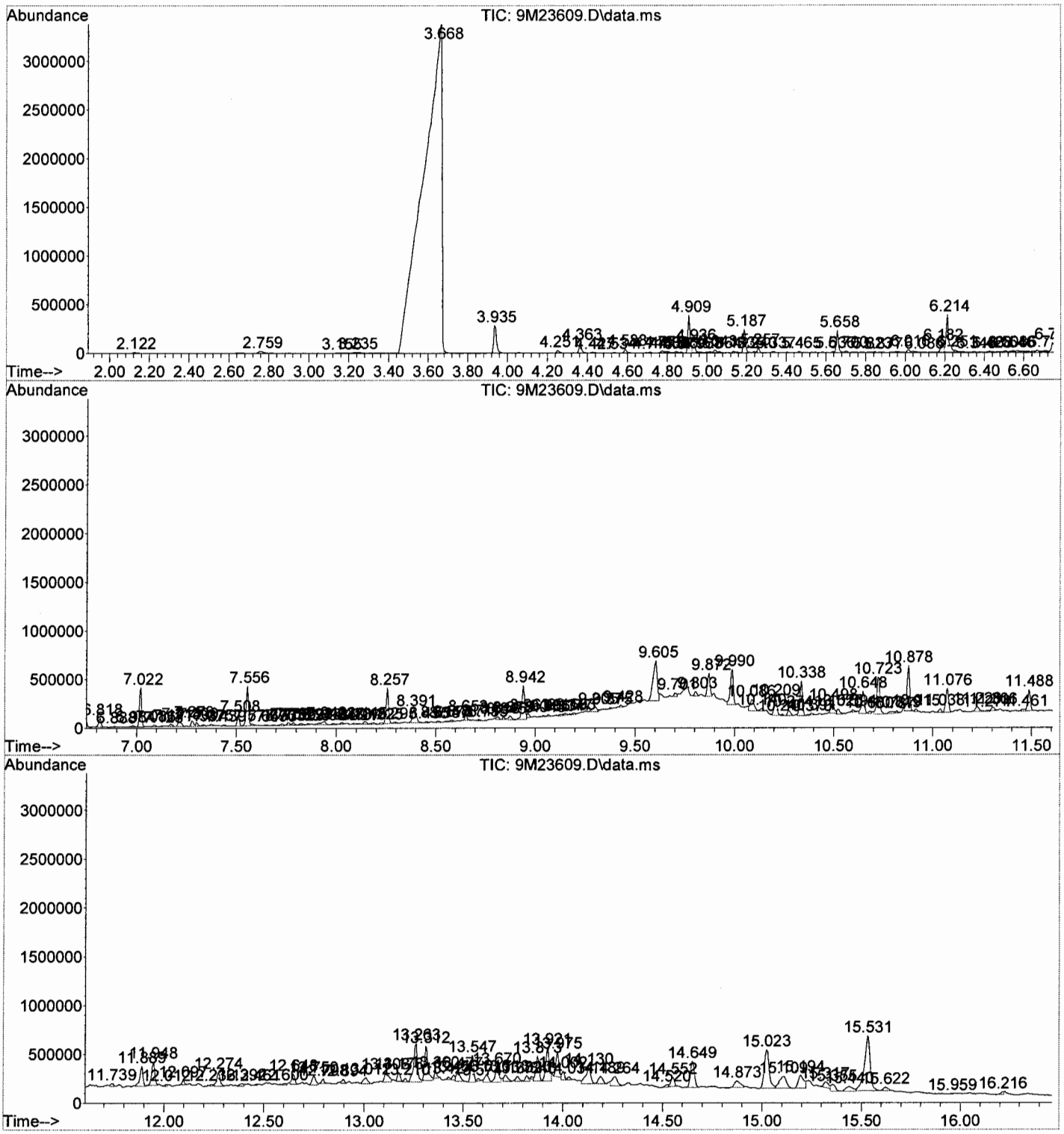
Sum of corrected areas: 39058590

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

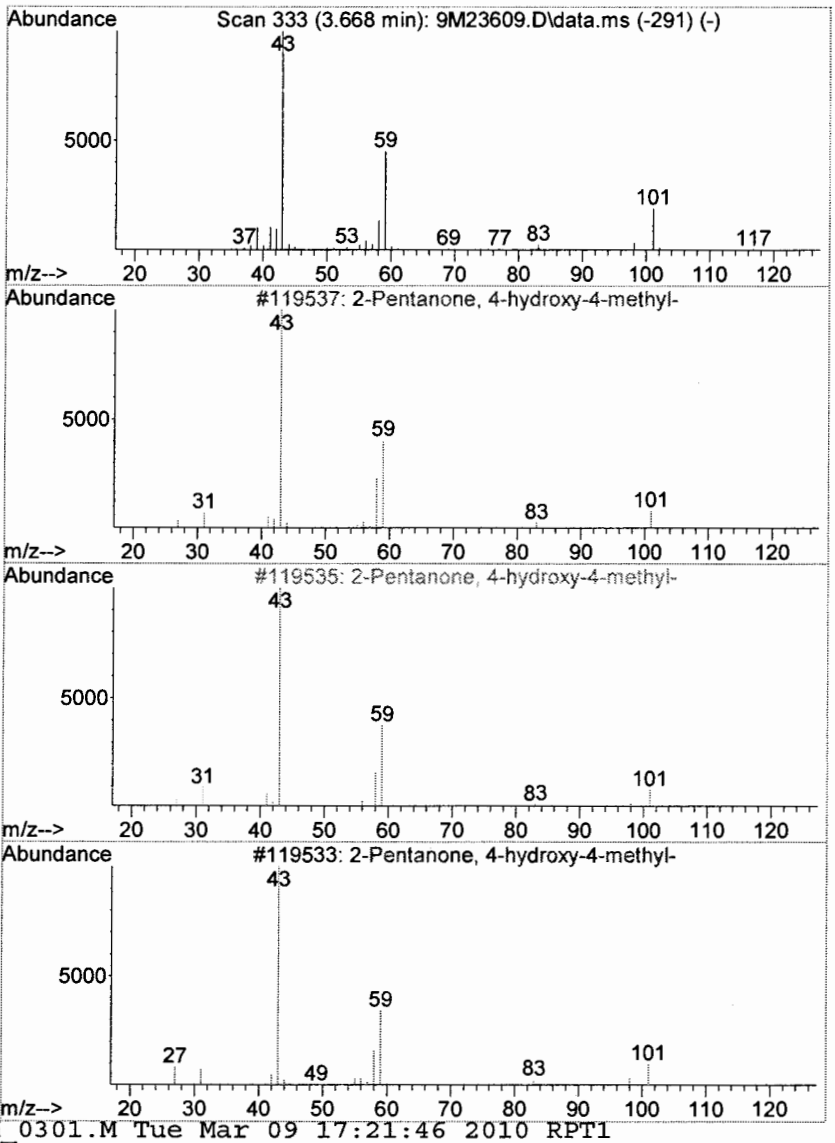
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

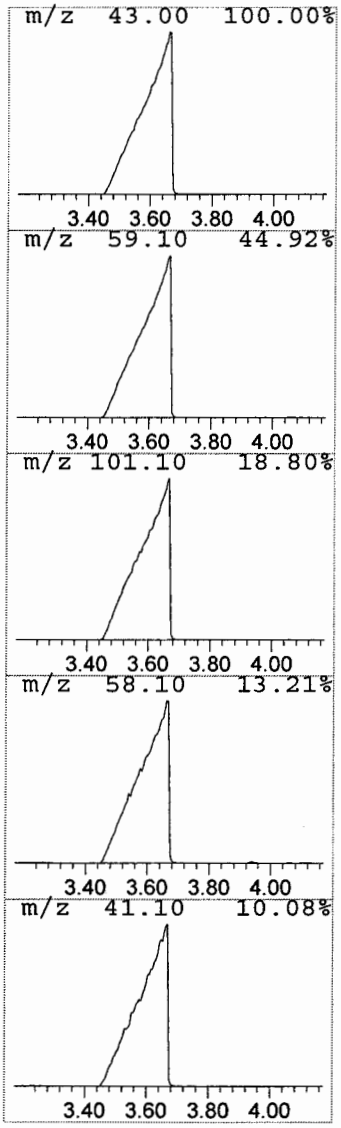
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	4504.03 ng	21594697	LibIS-1,4-Dichlorobenzene-d4	5.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

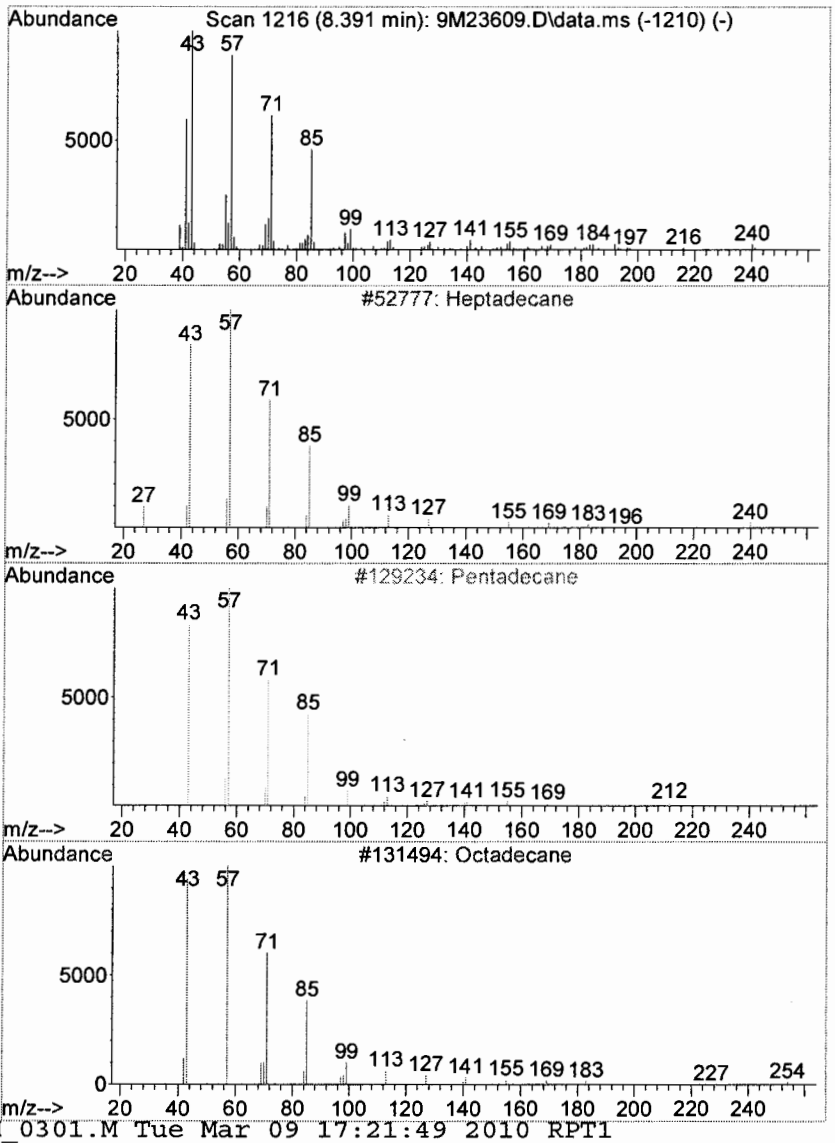
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

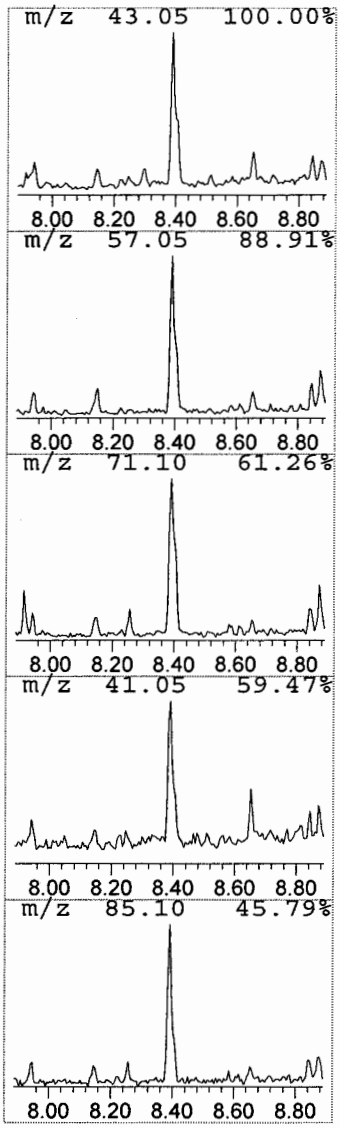
****

Peak Number 2 Heptadecane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	25.63 ng	174804	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	87
5	Tridecane	184	C13H28	000629-50-5	83





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

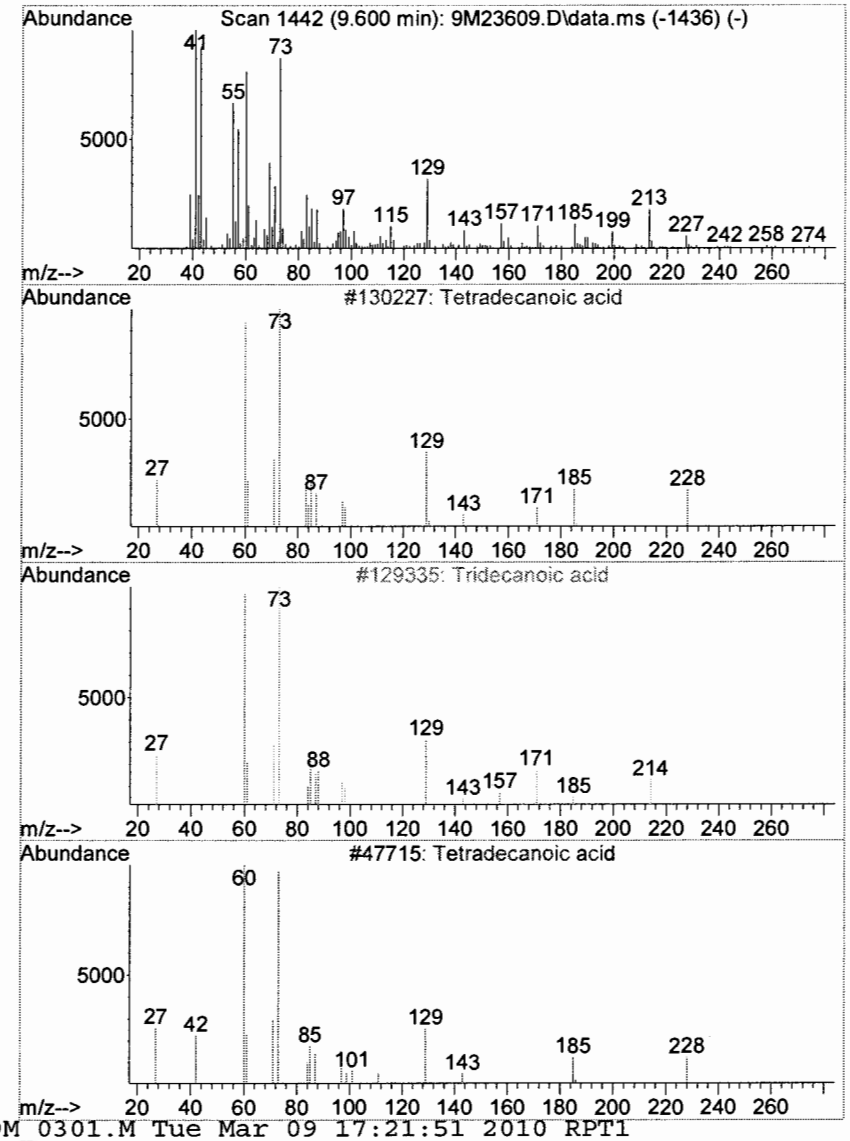
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

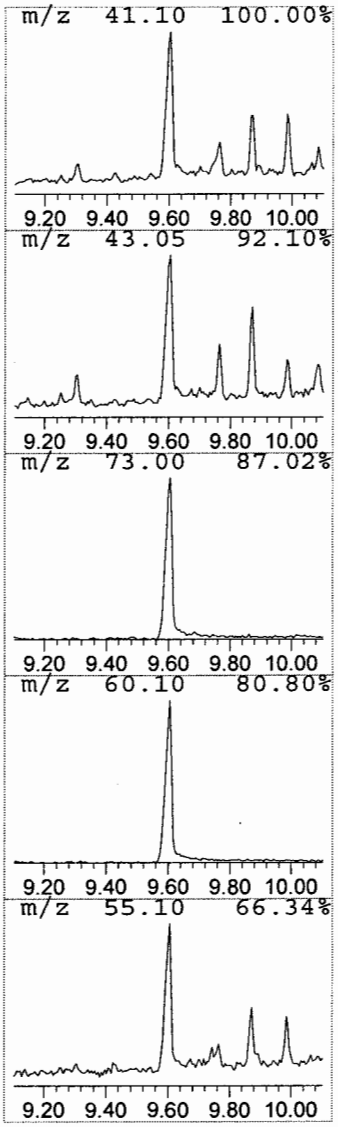
****

Peak Number 3 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	89.91 ng	613176	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

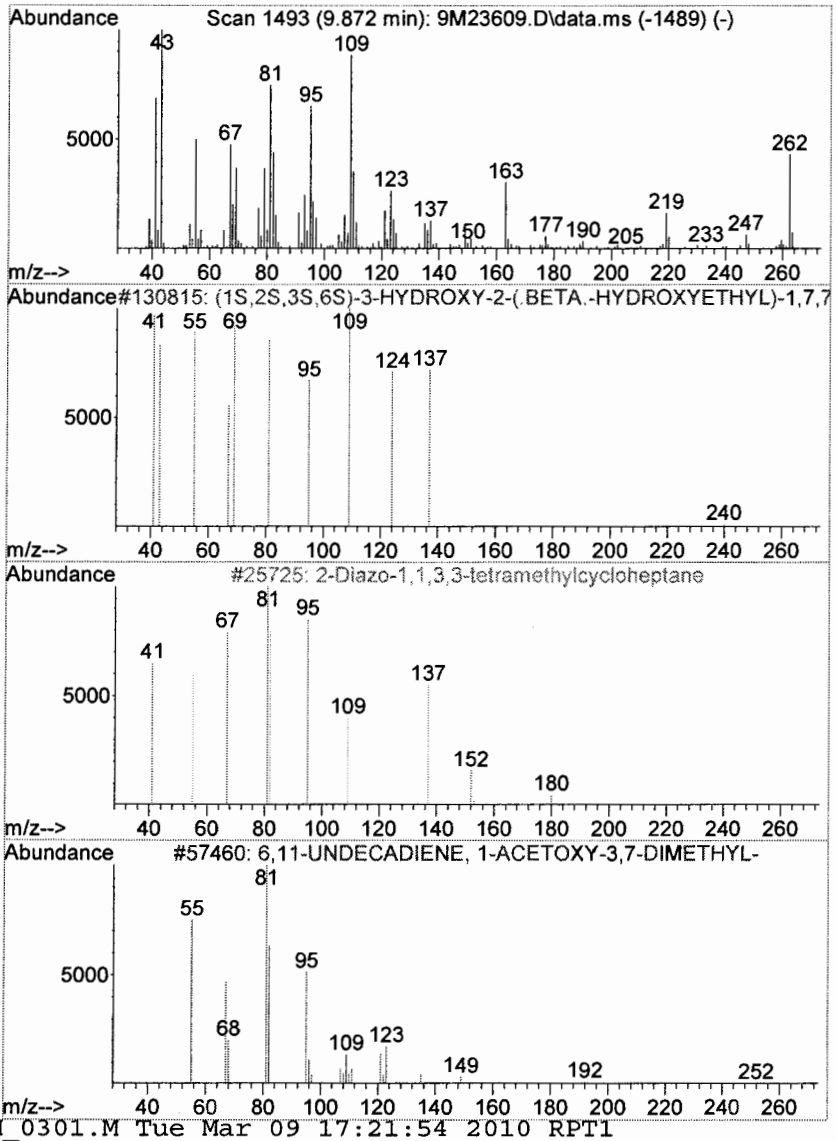
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

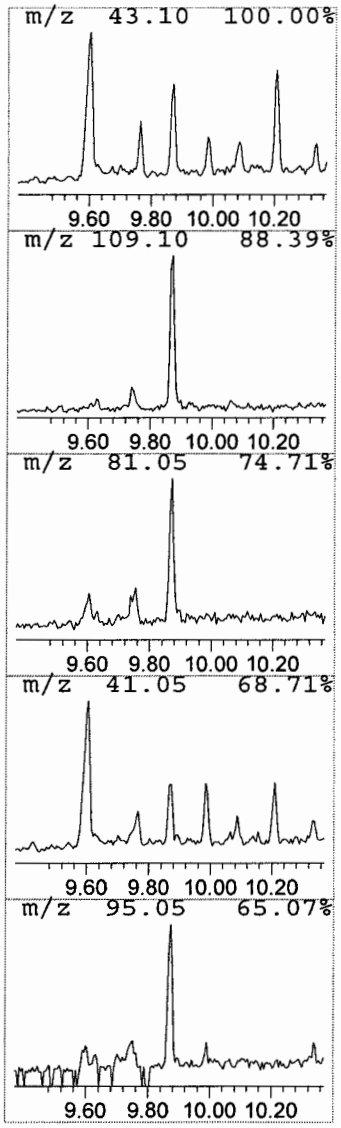
****

Peak Number 4 unknown Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	31.61 ng	215590	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,2S,3S,6S)-3-HYDROXY-2-(.BETA...	240	C15H28O2	060113-31-7	47
2	2-Diazo-1,1,3,3-tetramethylcyclo...	180	C11H20N2	000000-00-0	38
3	6,11-UNDECADIENE, 1-ACETOXY-3,7-...	252	C16H28O2	000000-00-0	35
4	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	35
5	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	27





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

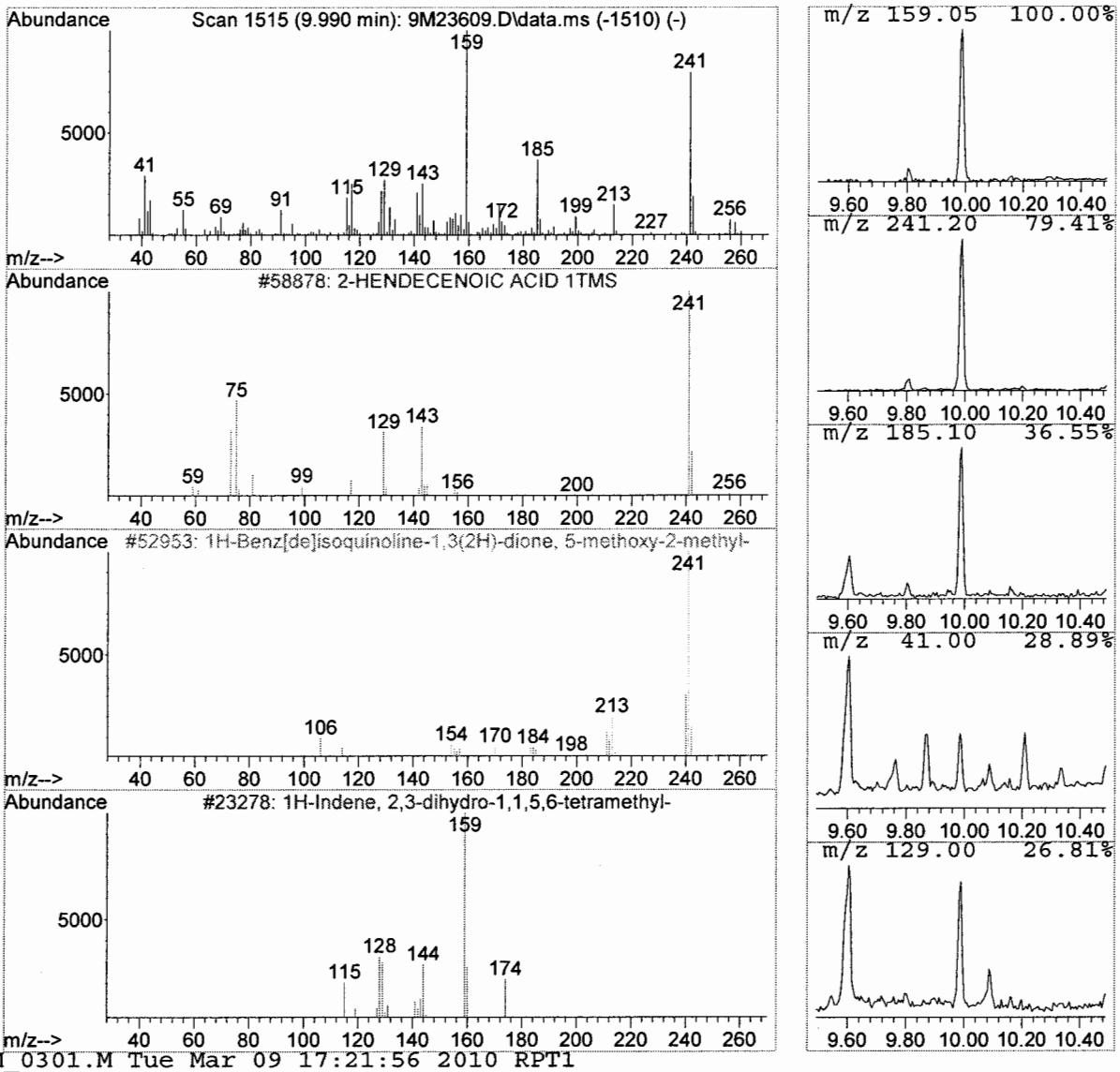
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 5 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	56.52 ng	385485	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-HENDECENOIC ACID 1TMS	256	C14H28O2Si	000000-00-0	35
2	1H-Benz[de]isoquinoline-1,3(2H)-...	241	C14H11NO3	055133-82-9	18
3	1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	17
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	17
5	Benz[a]anthracene, 1,2,3,4,7,7a,...	240	C18H24	016452-37-2	14



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

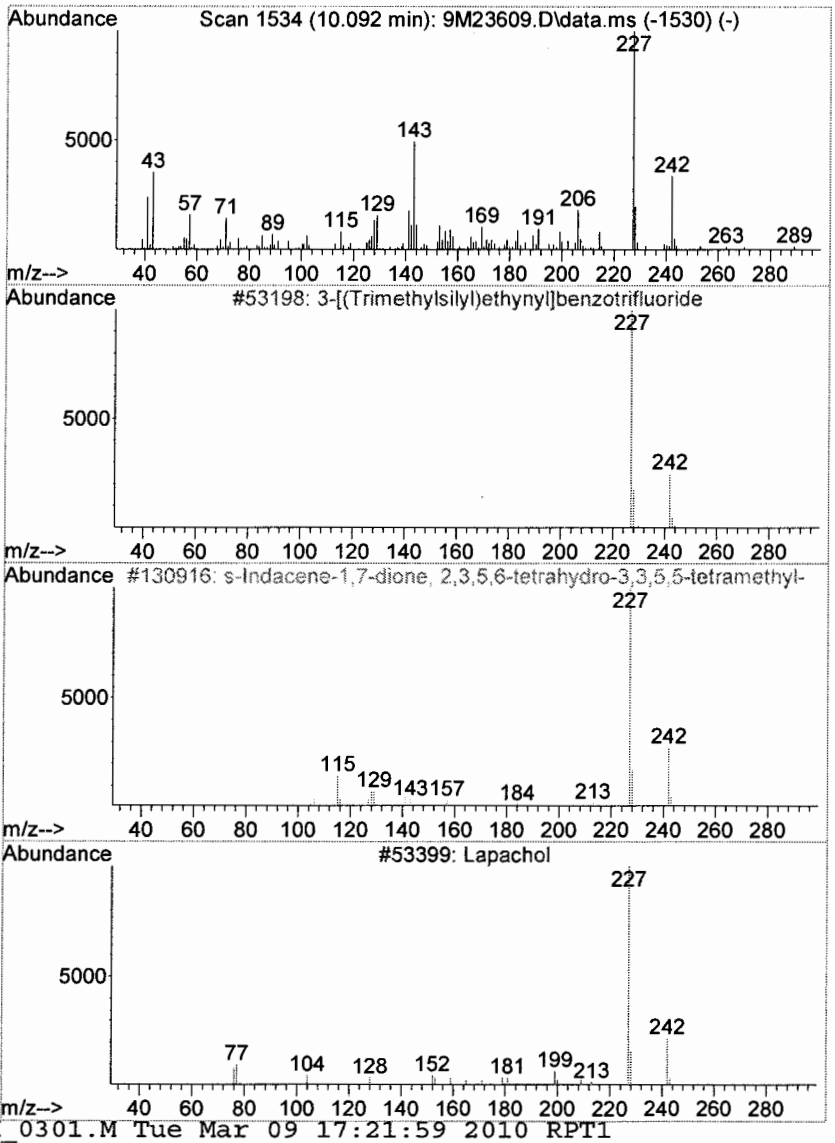
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

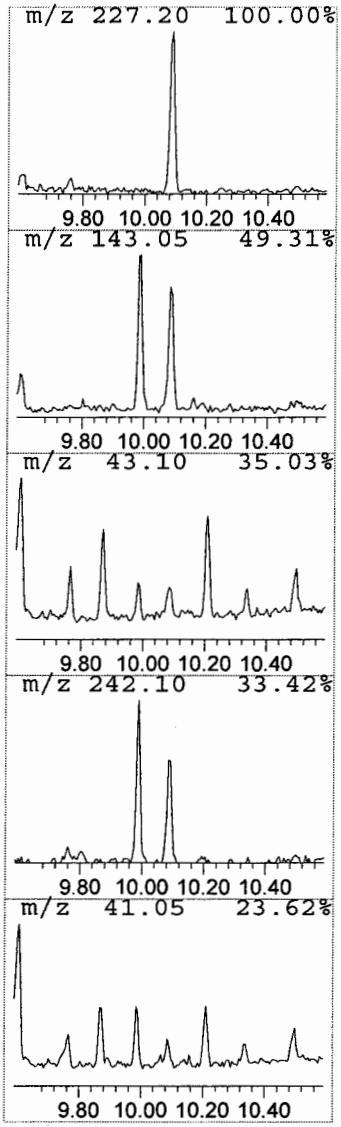
****

Peak Number 6 3-[(Trimethylsilyl)ethynyl]... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	24.67 ng	168250	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[(Trimethylsilyl)ethynyl]benzo...	242	C12H13F3Si	040230-93-1	83
2	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
3	Lapachol	242	C15H14O3	000084-79-7	43
4	4-HYDROXYDIBENZ[B,F][1,4]OXAZEPI...	227	C13H9NO3	060287-09-4	35
5	11,15-DIHYDROXY-5,7,9(11),13-ABI...	314	C20H26O3	006467-01-2	35





Library Search Compound Report

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Operator : AHD
Sample : AC50108-002
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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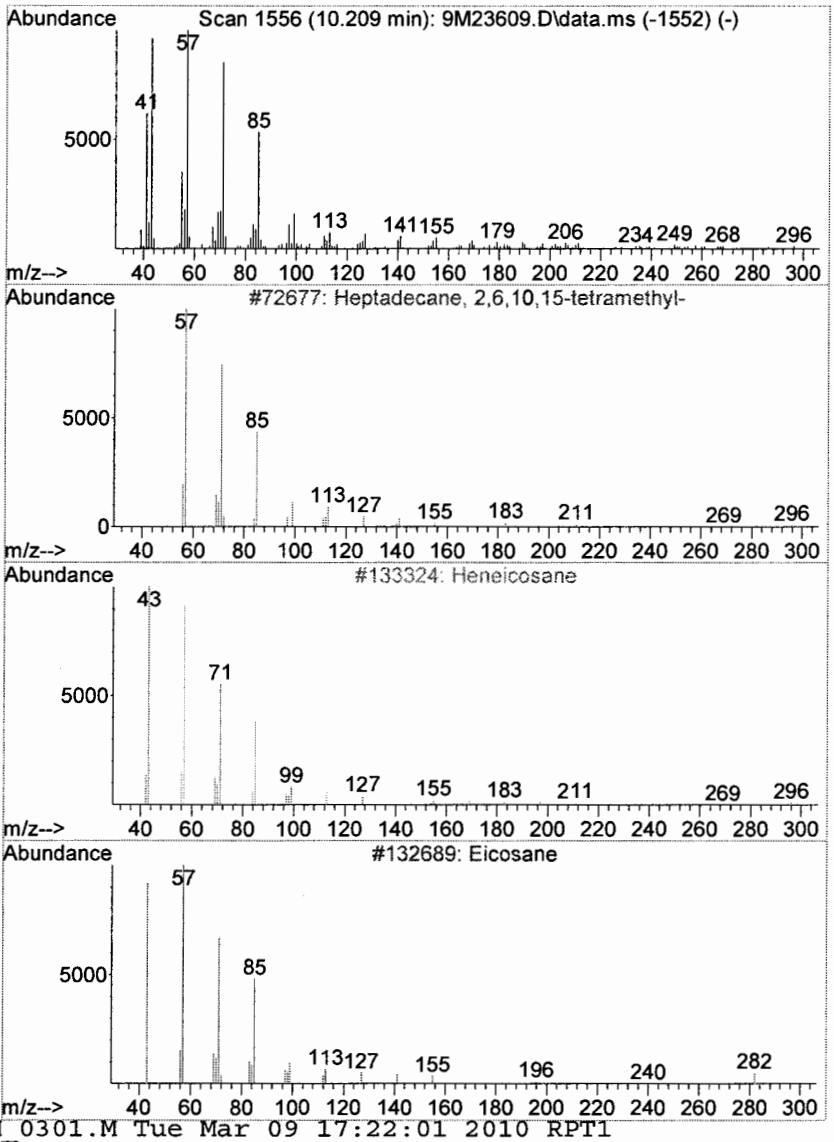
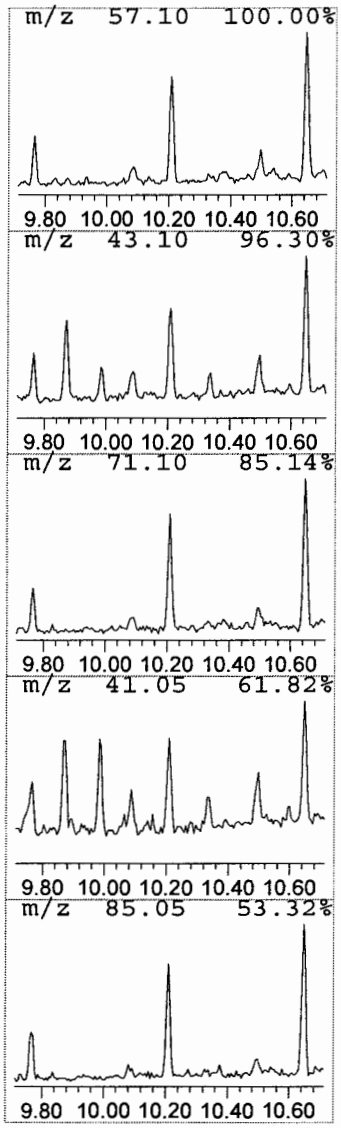
Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	25.40 ng	173198	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Heneicosane	296	C21H44	000629-94-7	94
3	Eicosane	282	C20H42	000112-95-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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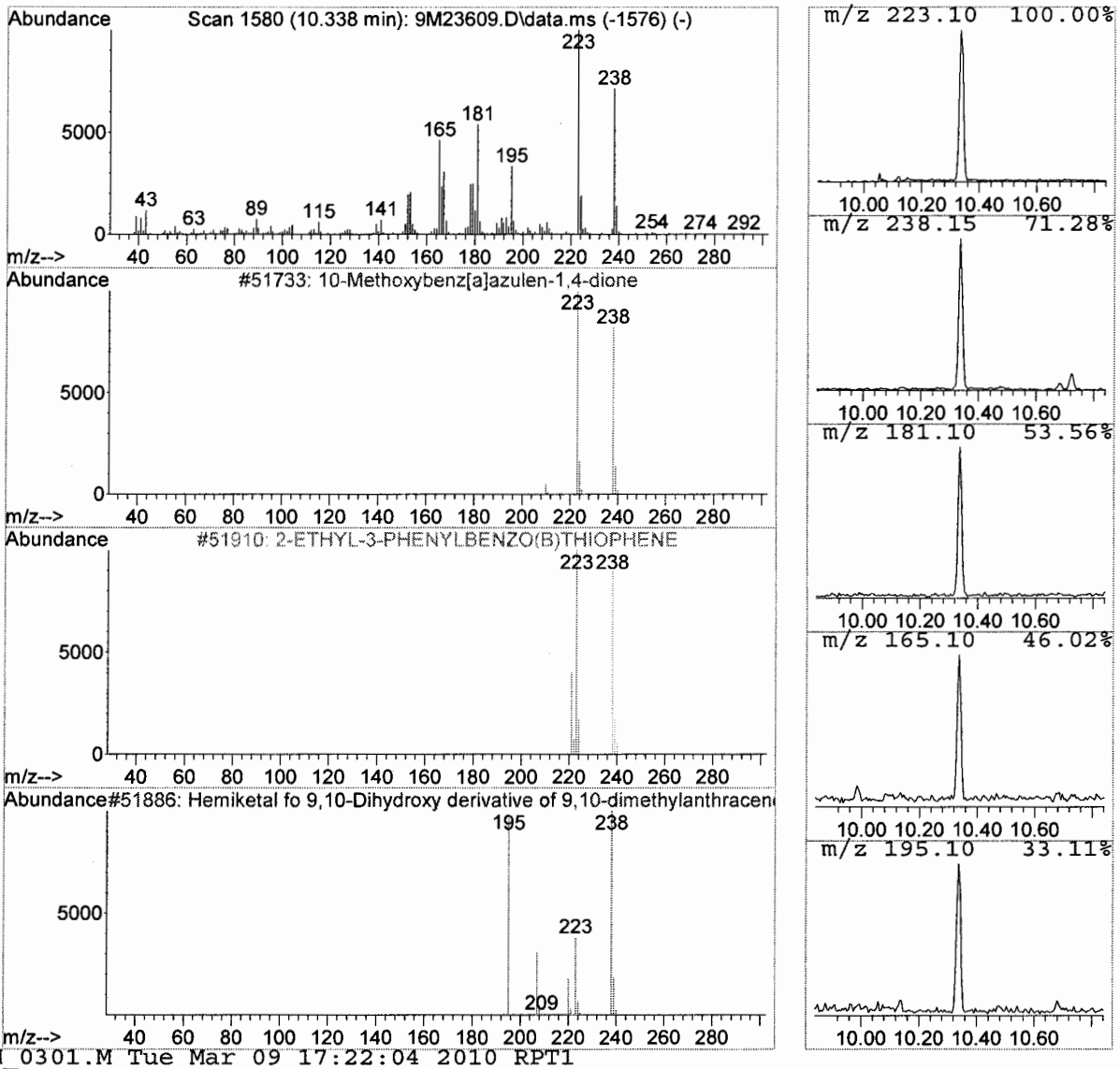
Peak Number 8 10-Methoxybenz[a]azulen-1,4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	49.76 ng	339346	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methoxybenz[a]azulen-1,4-dione	238	C15H10O3	076319-77-2	90
2	2-ETHYL-3-PHENYLBENZO(B)THIOPHENE	238	C16H14S	059855-99-1	83
3	Hemiketal fo 9,10-Dihydroxy deri...	238	C16H14O2	014923-28-5	53
4	4-HYDROXY-3,4-DIMETHYL-PHENANTHR...	238	C16H14O2	060505-33-1	46
5	MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	42



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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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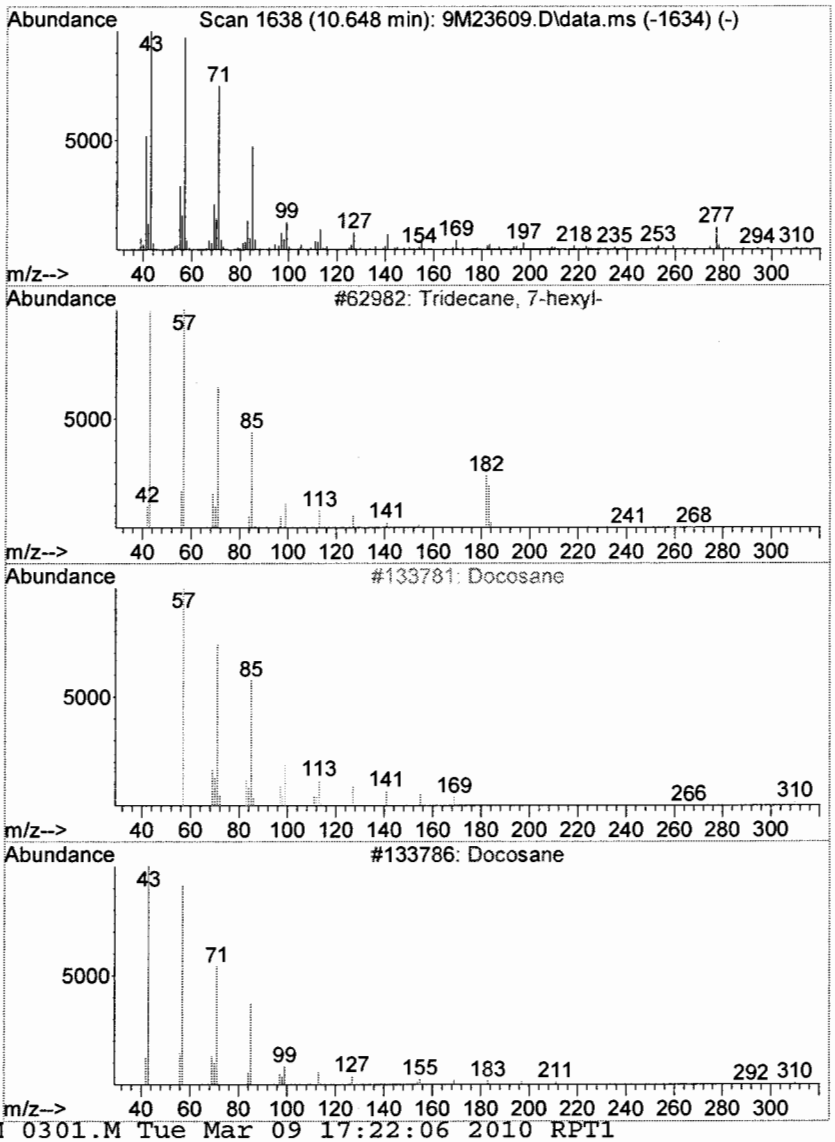
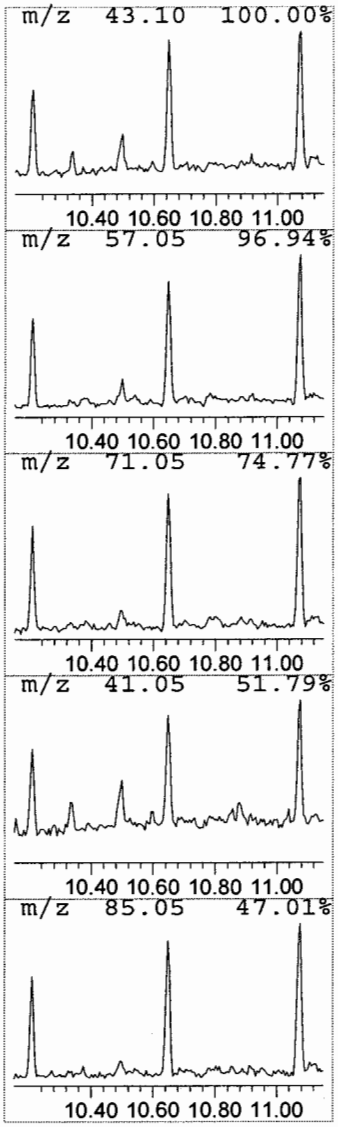
Peak Number 9 Tridecane, 7-hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	27.54 ng	227366	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2	Docosane	310	C22H46	000629-97-0	93
3	Docosane	310	C22H46	000629-97-0	93
4	Pentacosane	352	C25H52	000629-99-2	90
5	Octacosane	394	C28H58	000630-02-4	90





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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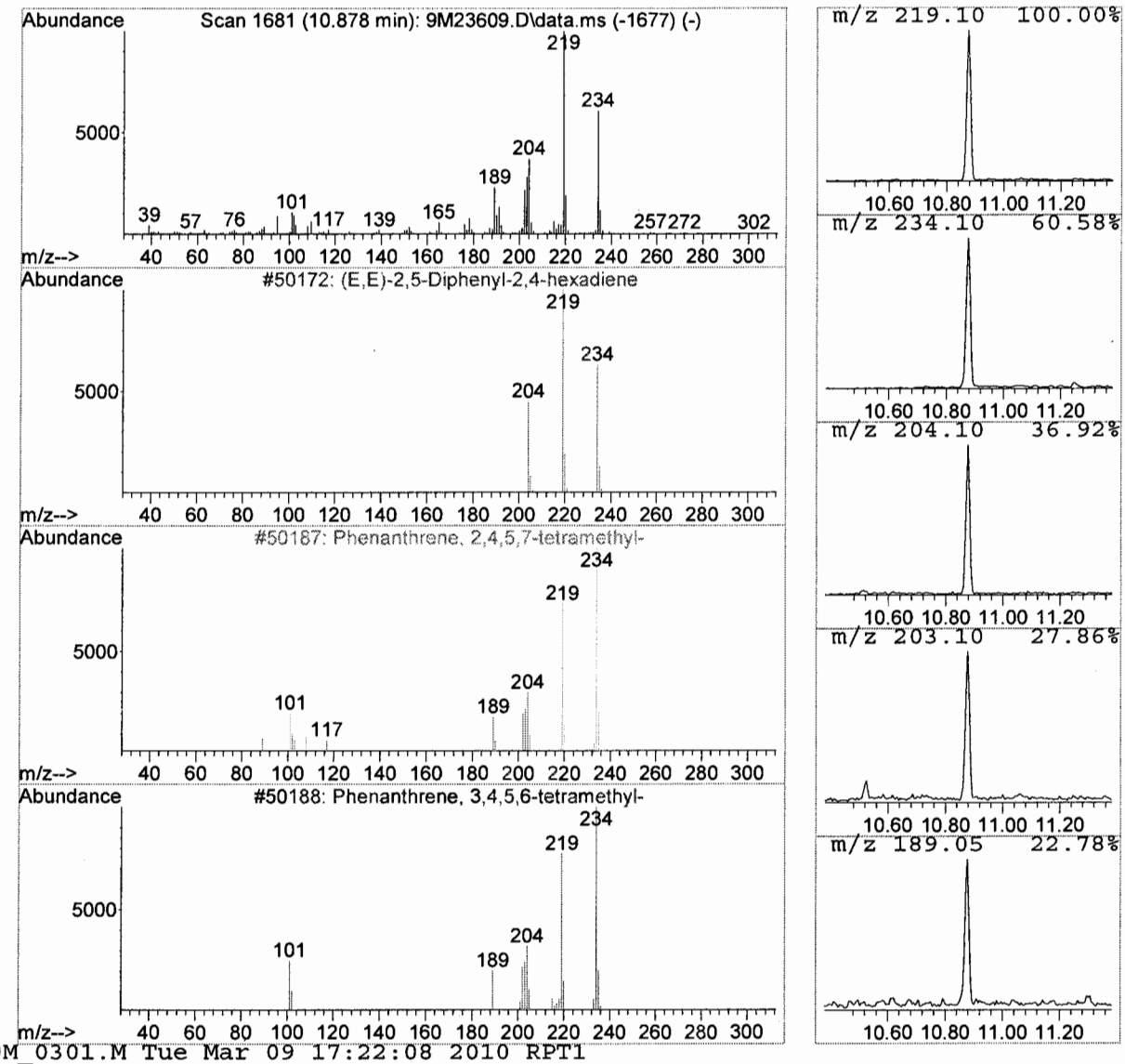
Peak Number 10 (E,E)-2,5-Diphenyl-2,4-hexa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	53.40 ng	440823	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E,E)-2,5-Diphenyl-2,4-hexadiene	234	C18H18	016914-12-8	91
2	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
3	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	89
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	76
5	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	68



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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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Peak Number 11 Tricosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	29.08 ng	240094	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	99
2	Tricosane	324	C23H48	000638-67-5	99
3	Eicosane	282	C20H42	000112-95-8	96
4	Eicosane	282	C20H42	000112-95-8	96
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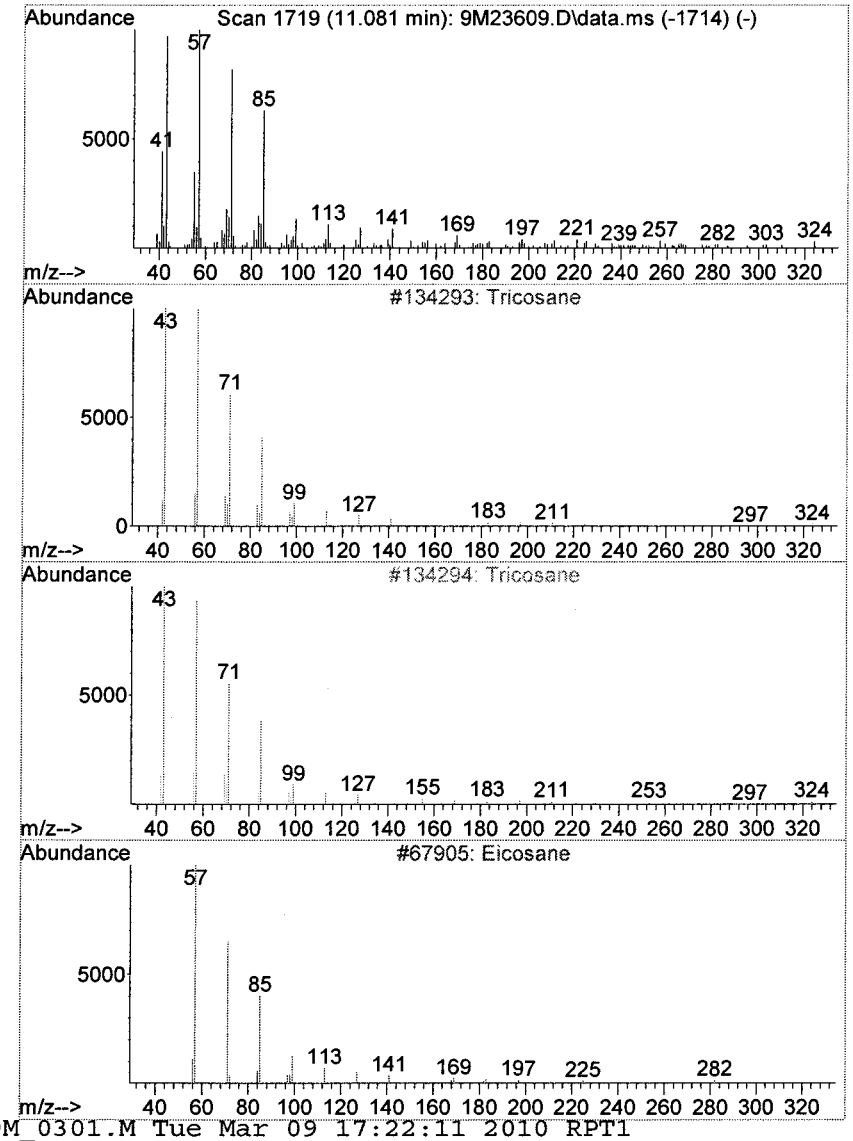

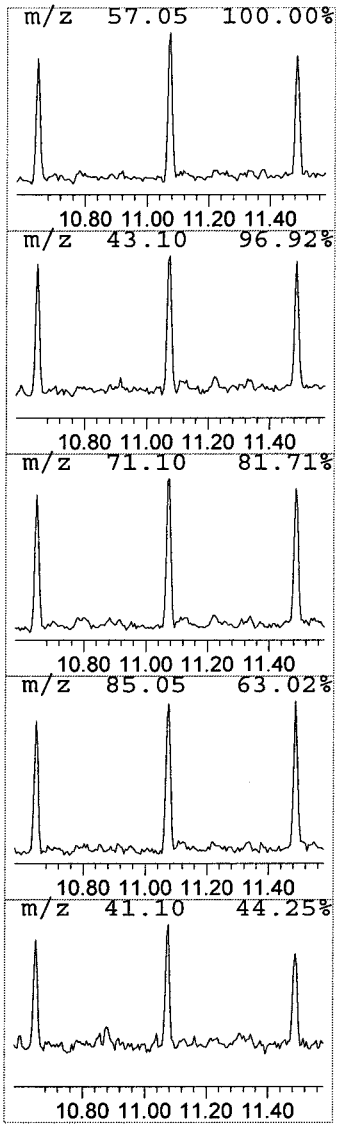

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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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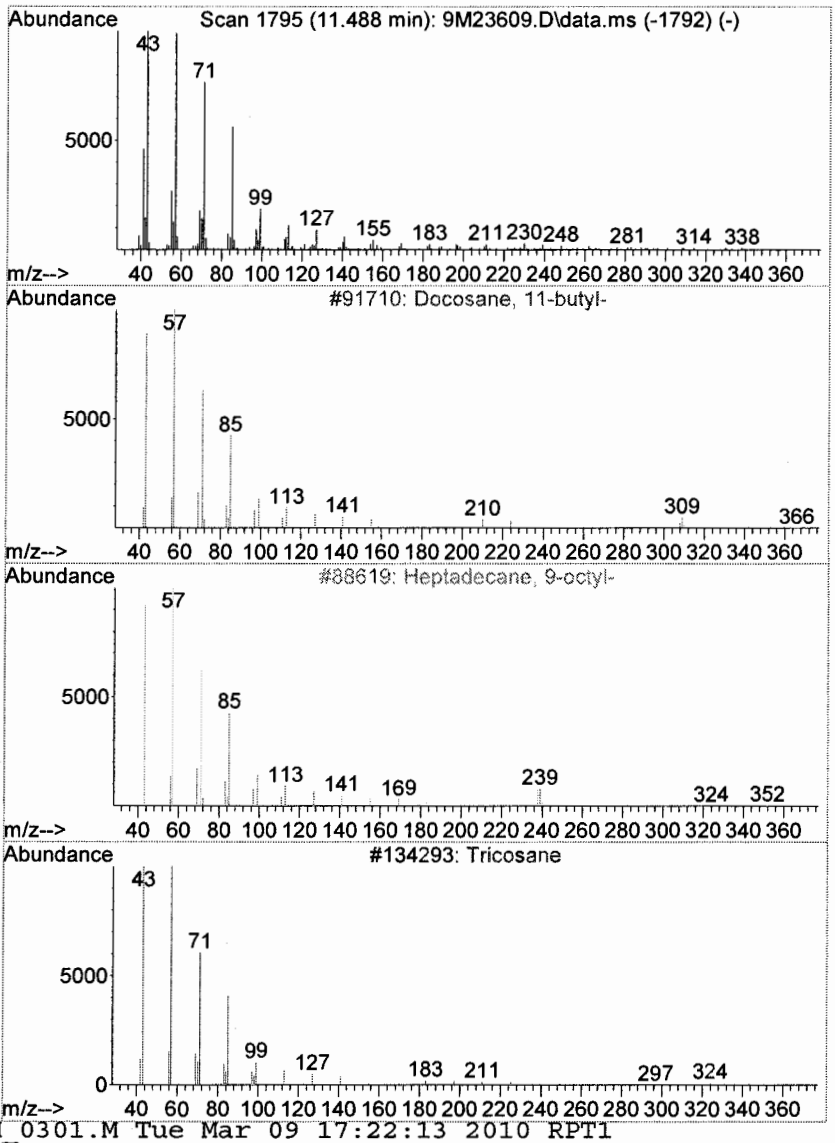
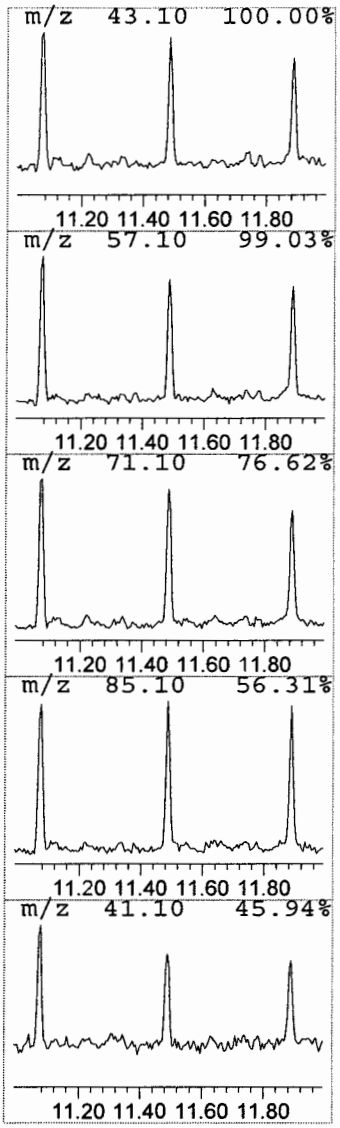
Peak Number 12 Docosane, 11-butyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	24.19 ng	199692	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Nonacosane	408	C29H60	000630-03-5	91





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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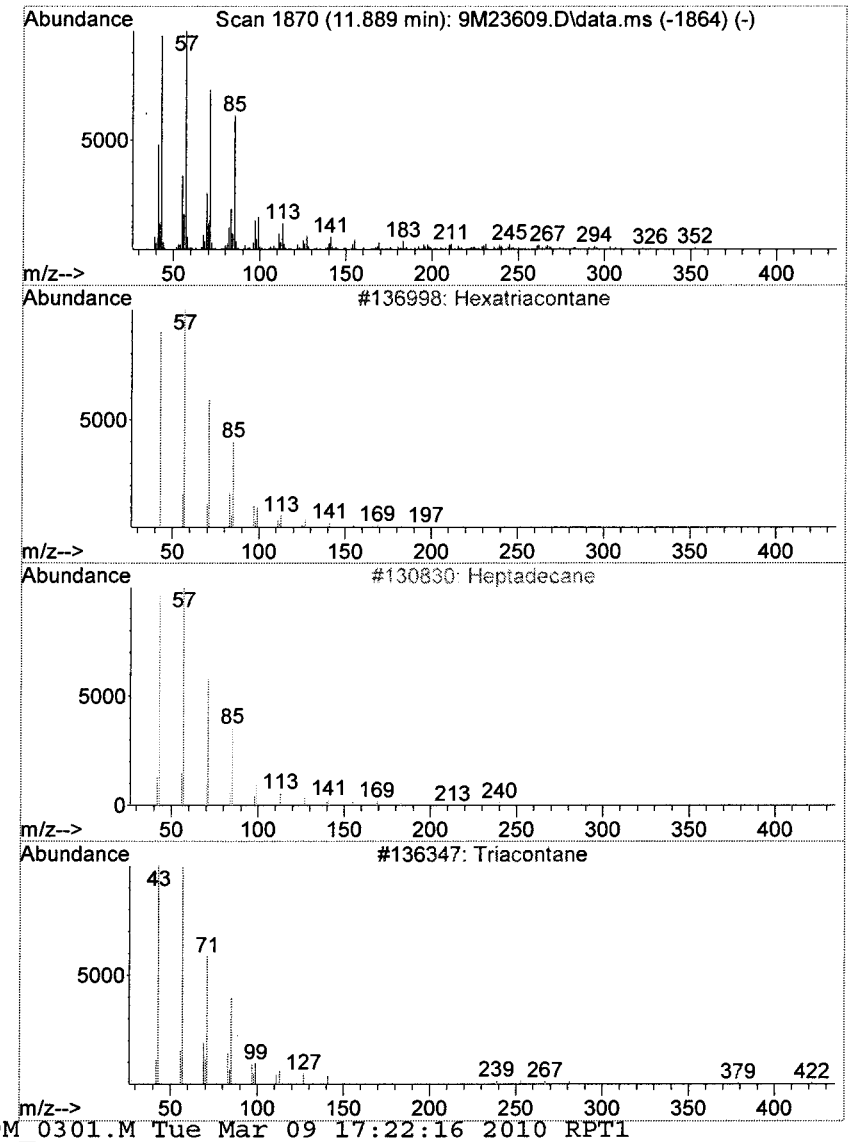
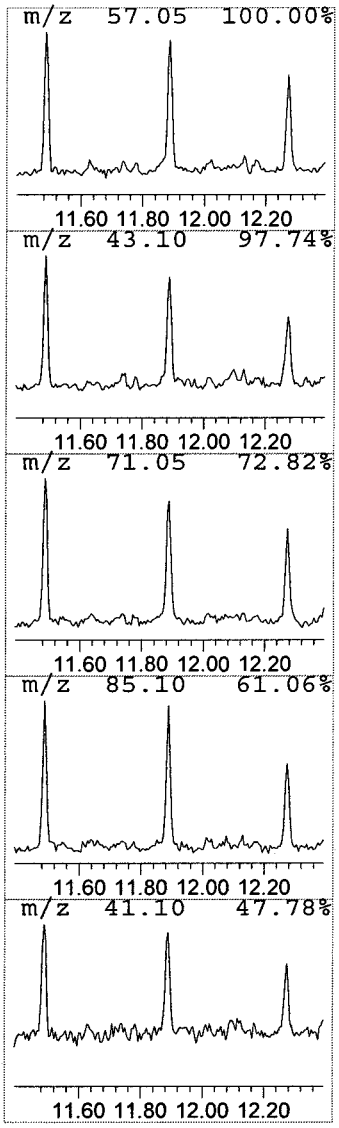
Peak Number 13 Hexatriacontane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	27.10 ng	223752	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Triacontane	422	C30H62	000638-68-6	90
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	89
5	Nonacosane	408	C29H60	000630-03-5	87





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ALS Vial : 3 Sample Multiplier: 1

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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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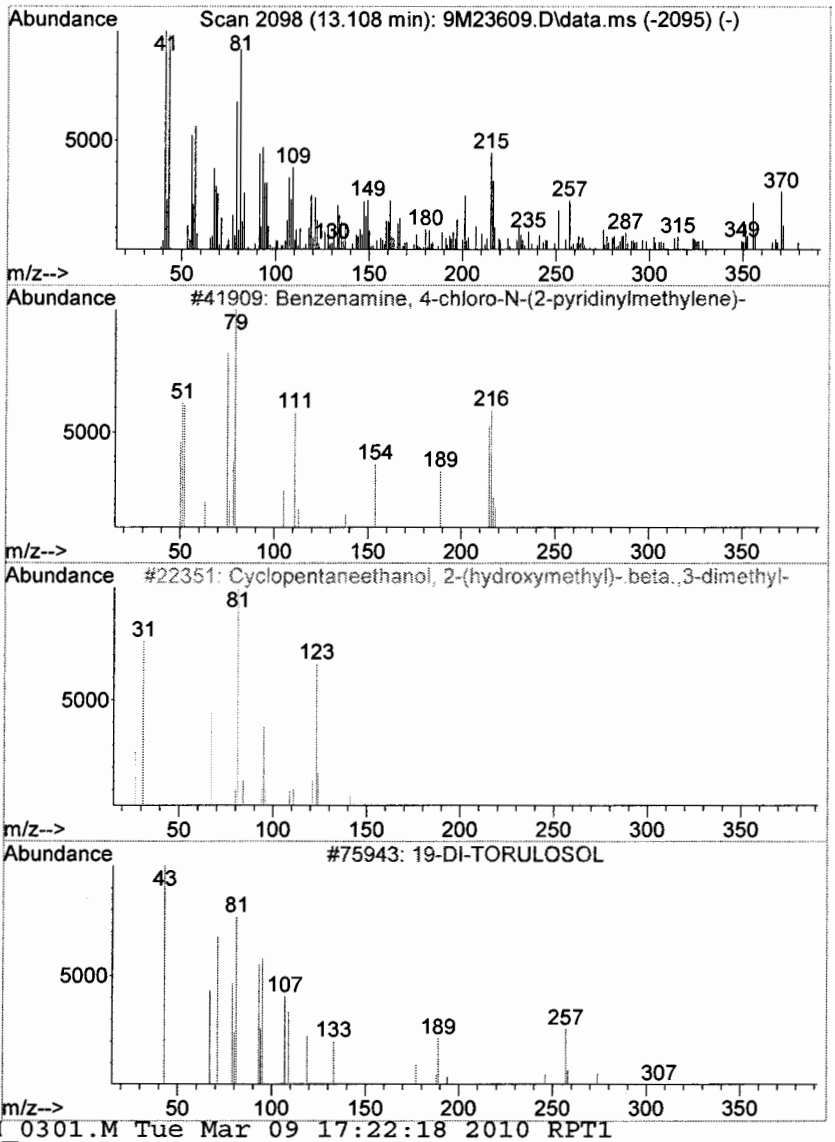
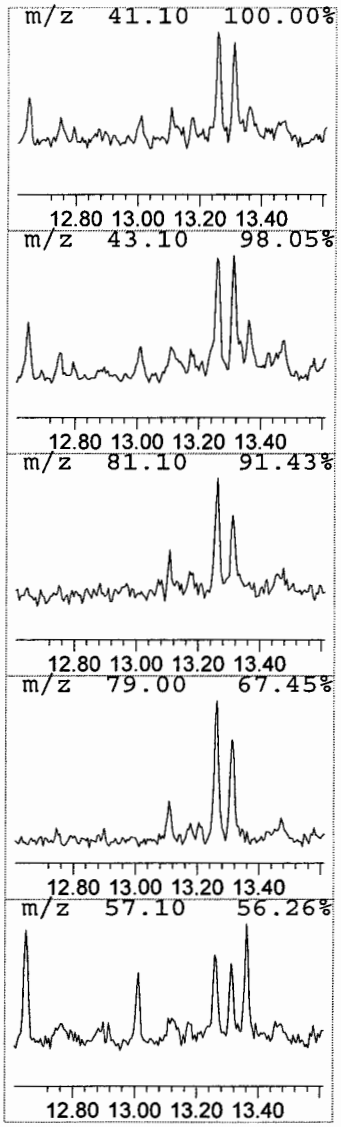
Peak Number 14 unknown Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	21.45 ng	149355	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-N-(2-pyrid...	216	C12H9ClN2	026825-34-3	25
2	Cyclopentaneethanol, 2-(hydroxym...	172	C10H20O2	000485-42-7	22
3	19-DI-TORULOSOL	306	C20H33DO2	001438-63-7	16
4	1-Heptyne	96	C7H12	000628-71-7	12
5	1,2,11-Undecanetriyl triacetate	330	C17H30O6	084120-75-2	9





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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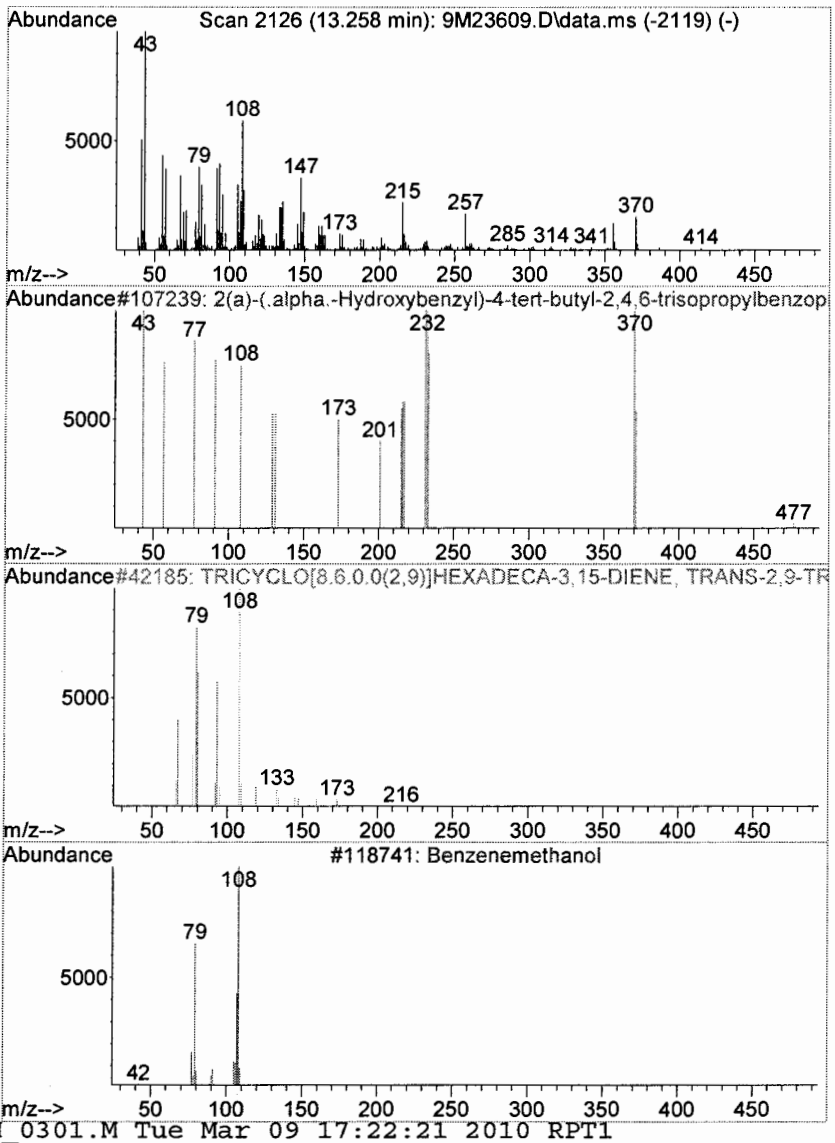
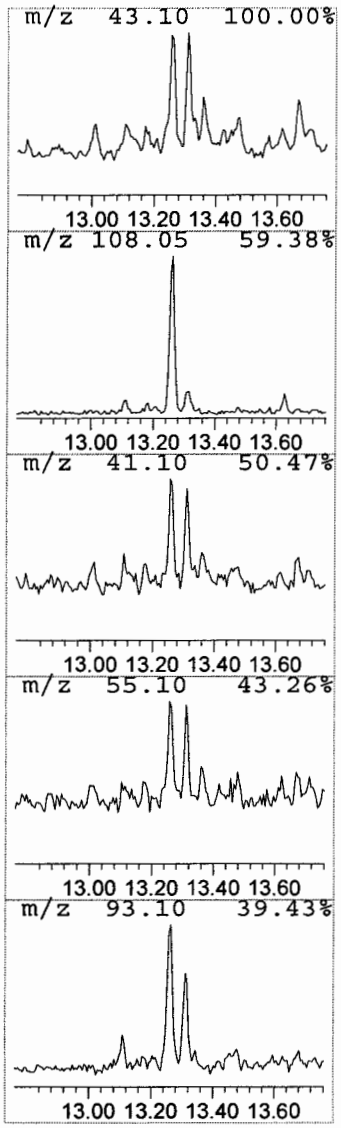
Peak Number 15 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	76.44 ng	532139	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(a)-(.alpha.-Hydroxybenzyl)-4-t...	477	C32H47NO2	079288-70-3	25
2	TRICYCLO[8.6.0.0(2,9)]HEXADECA-3...	216	C16H24	000000-00-0	22
3	Benzenemethanol	108	C7H8O	000100-51-6	11
4	1H-Pyrrole, 2,3,5-trimethyl-	109	C7H11N	002199-41-9	10
5	N-(ETHYL-.ALPHA.-D2)-ANILINE	121	C8H9D2N	056805-03-9	10





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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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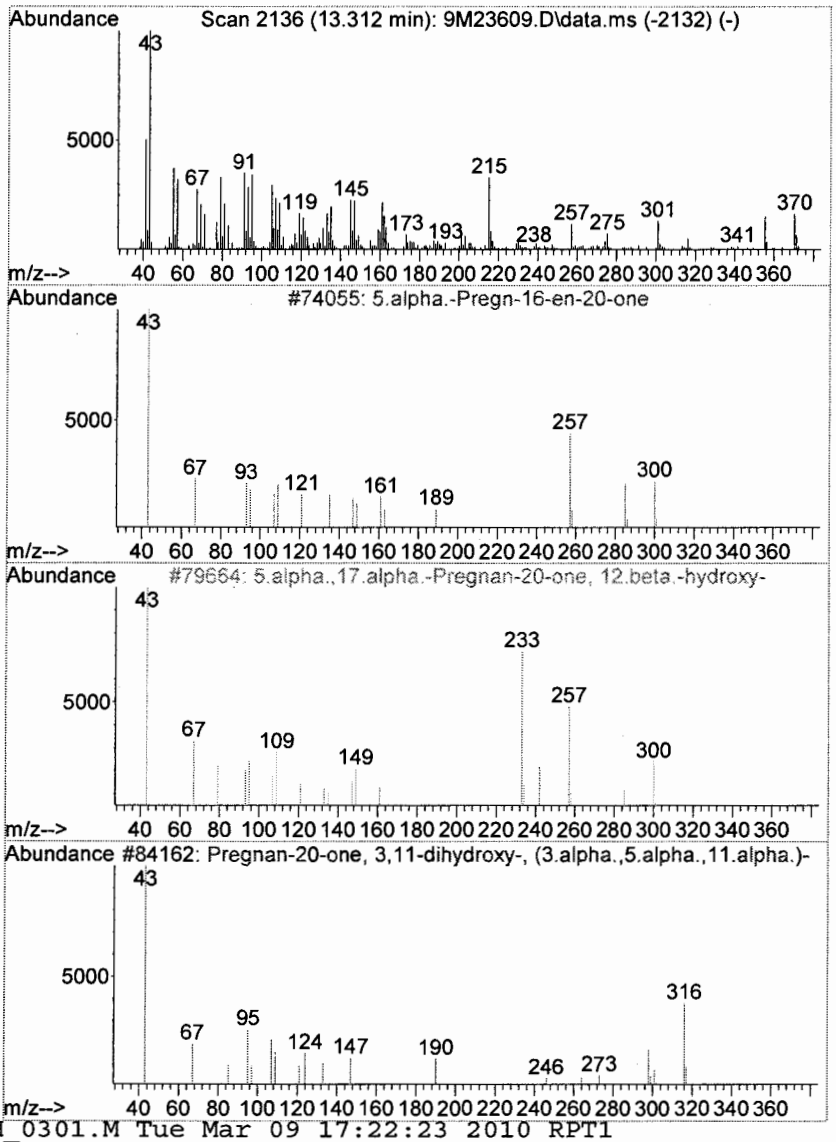
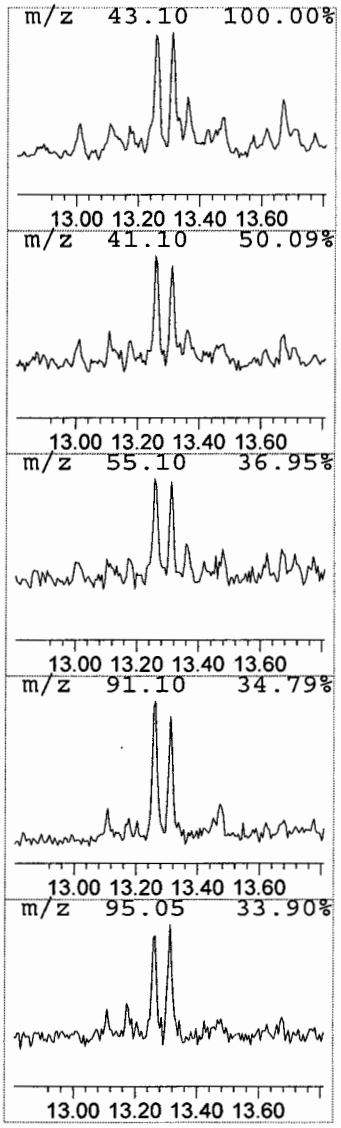
Peak Number 16 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	58.80 ng	409353	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.alpha.-Pregn-16-en-20-one	300	C21H32O	003752-04-3	25
2	5.alpha.,17.alpha.-Pregnan-20-on...	318	C21H34O2	005618-23-5	16
3	Pregnan-20-one, 3,11-dihydroxy-,...	334	C21H34O3	038398-44-6	14
4	APLYSIN-20-MONOACETATE	428	C22H37BrO3	056009-17-7	13
5	(+)-Aromadendrene	204	C15H24	000489-39-4	10





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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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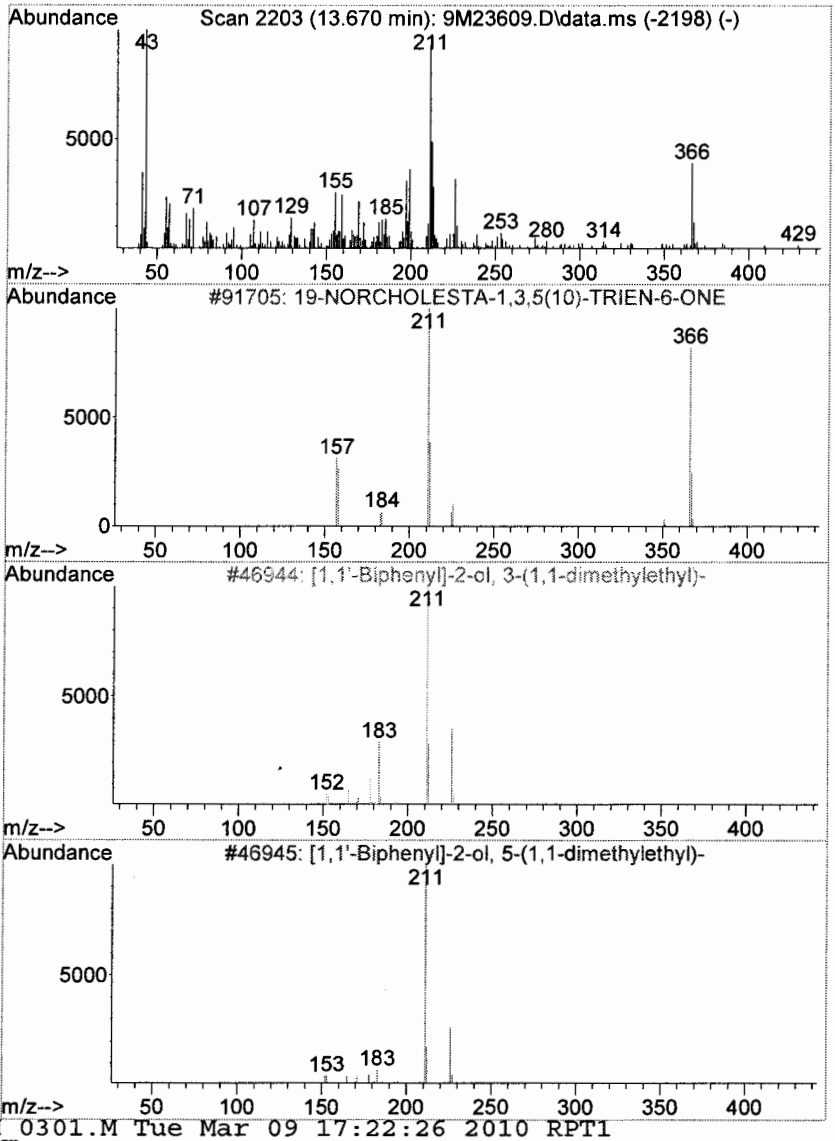
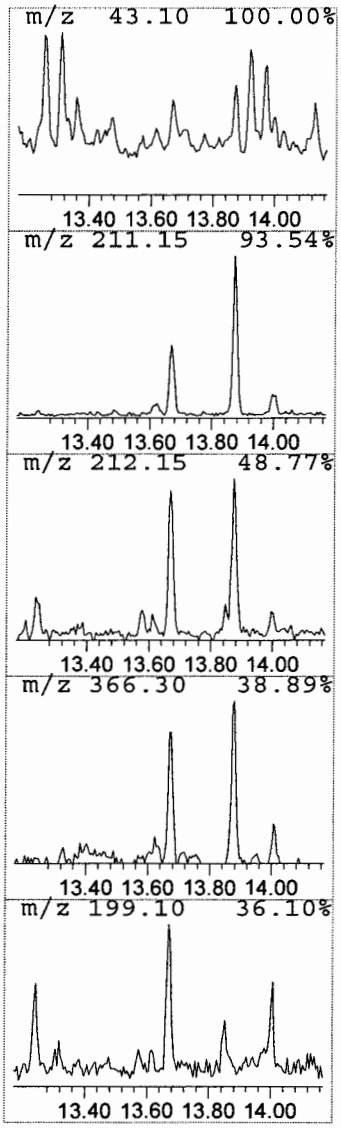
Peak Number 17 19-NORCHOLESTA-1,3,5(10)-TR... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	30.04 ng	209103	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	19-NORCHOLESTA-1,3,5(10)-TRIEN-6...	366	C26H38O	019454-79-6	58
2	[1,1'-Biphenyl]-2-ol, 3-(1,1-dim...	226	C16H18O	002416-98-0	41
3	[1,1'-Biphenyl]-2-ol, 5-(1,1-dim...	226	C16H18O	000577-92-4	30
4	1,1'-Biphenyl, (1,1-dimethyletho...	226	C16H18O	072101-19-0	27
5	2-Benzyl-3,5,6-trimethylpyrazine	212	C14H16N2	000000-00-0	27





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Operator : AHD
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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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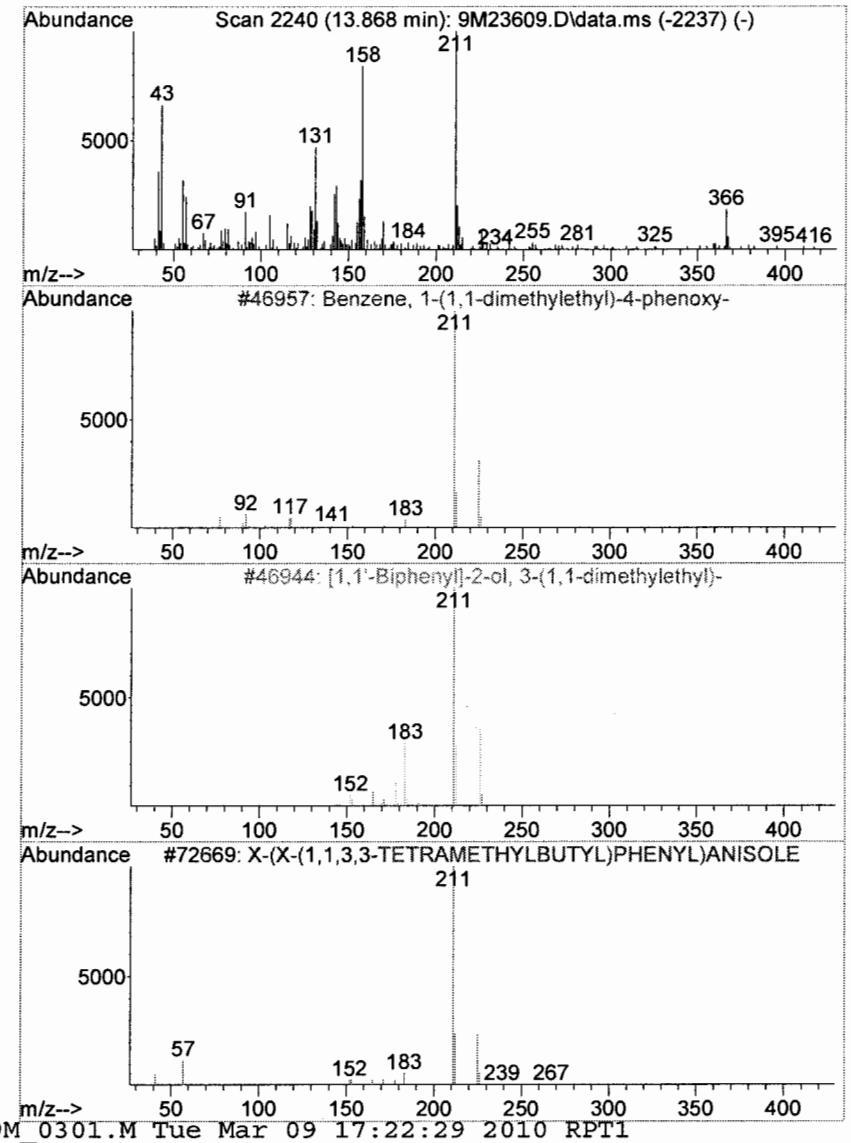
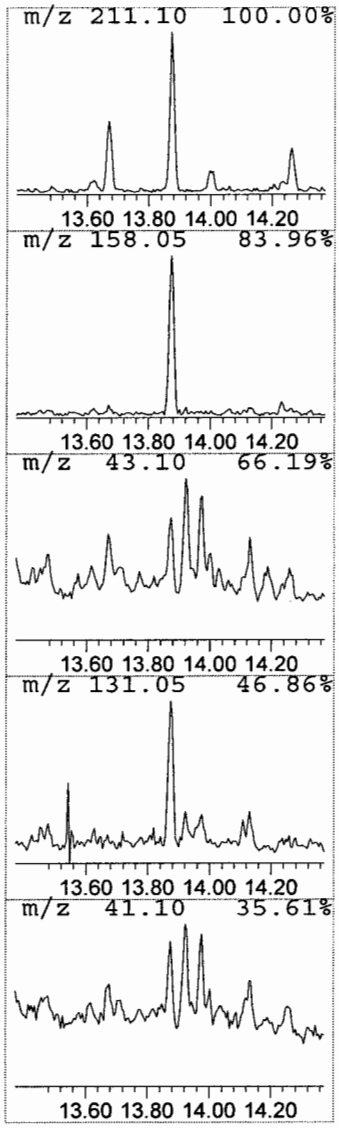
Peak Number 18 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	39.48 ng	274871	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	226	C16H18O	005331-28-2	25
2	[1,1'-Biphenyl]-2-ol, 3-(1,1-dim...	226	C16H18O	002416-98-0	22
3	X-(X-(1,1,3,3-TETRAMETHYLBUTYL)P...	296	C21H28O	000000-00-0	22
4	[1,1'-Biphenyl]-2-ol, 5-(1,1-dim...	226	C16H18O	000577-92-4	22
5	4-Methyl-3H-phenoxazin-3-one	211	C13H9NO2	074683-33-3	22





Library Search Compound Report

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Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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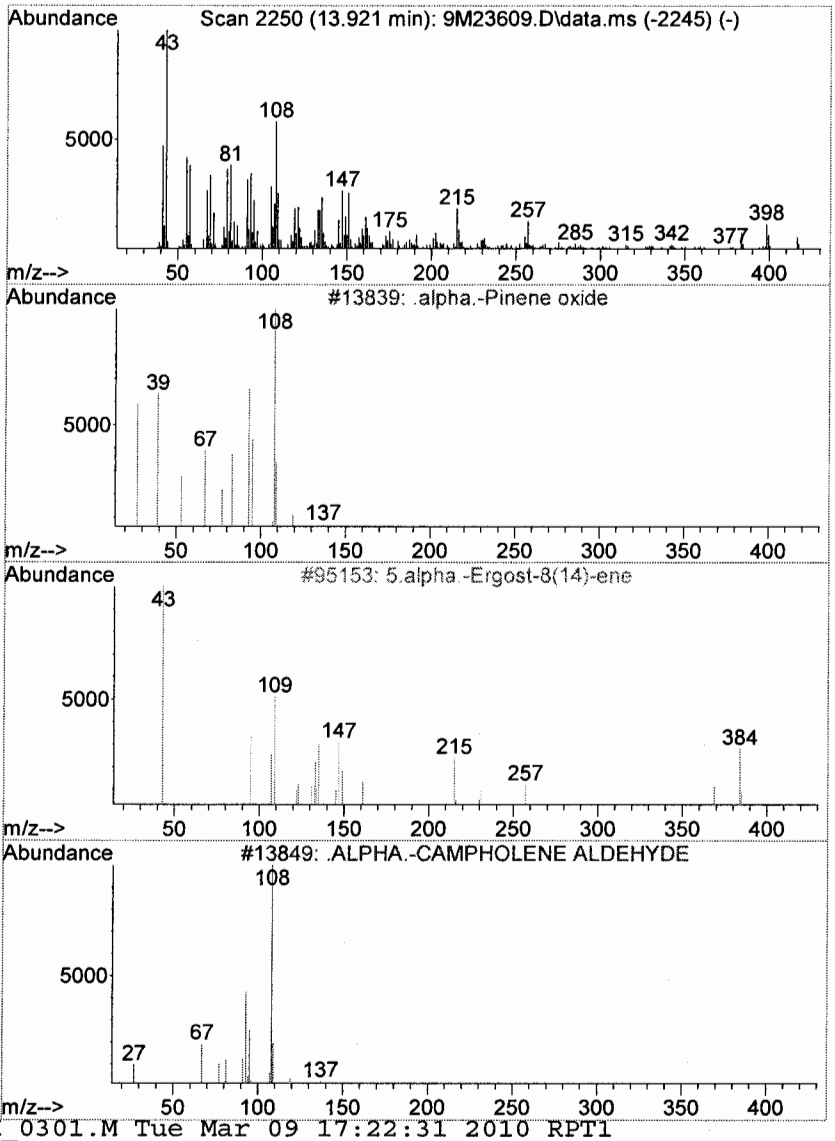
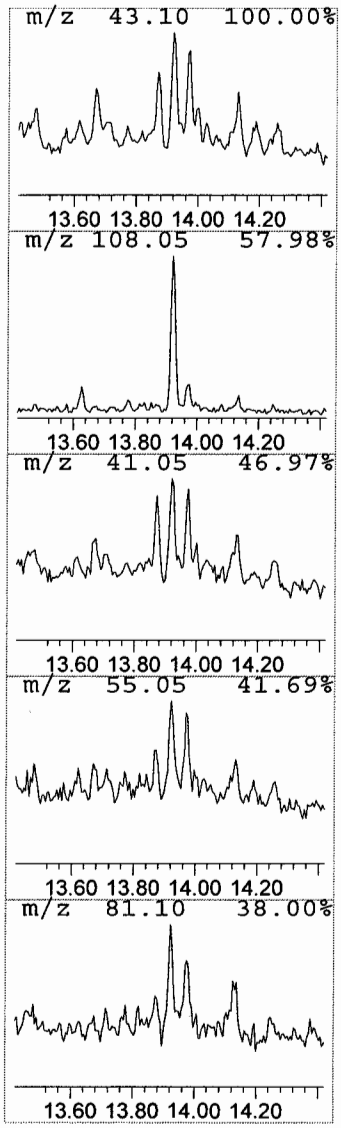
Peak Number 19 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	62.10 ng	432368	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene oxide	152	C10H16O	001686-14-2	35
2	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	35
3	.ALPHA.-CAMPHOLENE ALDEHYDE	152	C10H16O	026882-03-1	27
4	.ALPHA.-CAMPHOLENE ALDEHYDE	152	C10H16O	004501-58-0	27
5	A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	22





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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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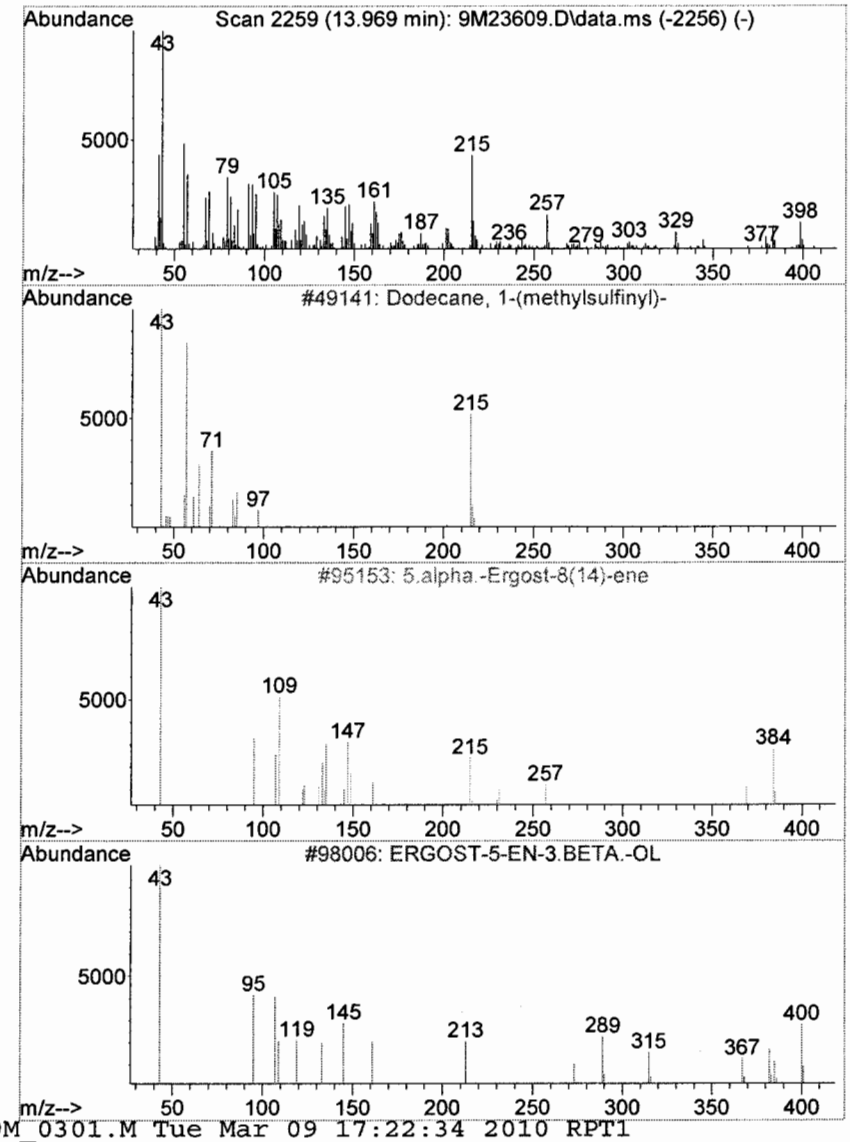
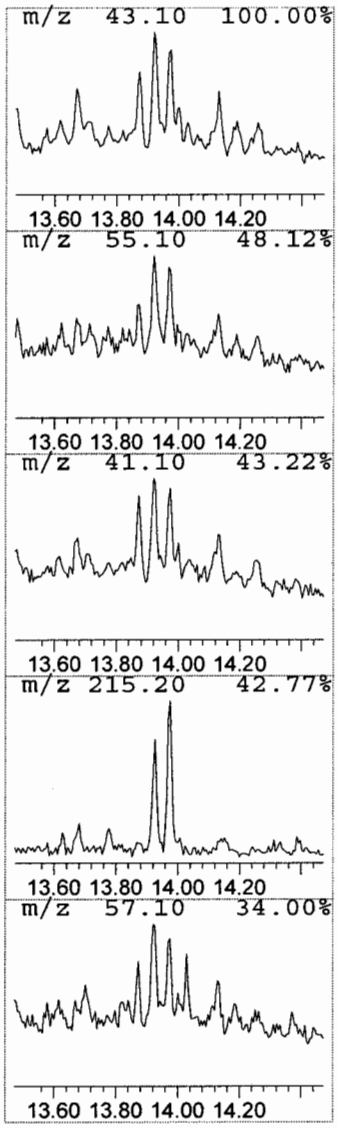
Peak Number 20 unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	36.27 ng	252488	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-(methylsulfinyl)-	232	C13H28OS	003079-30-9	10
2	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	9
3	ERGOST-5-EN-3.BETA.-OL	400	C28H48O	000000-00-0	7
4	5.alpha.-Pregnan-20-one, 12.beta...	318	C21H34O2	005618-22-4	7
5	1,2,11-Undecanetriyl triacetate	330	C17H30O6	084120-75-2	7





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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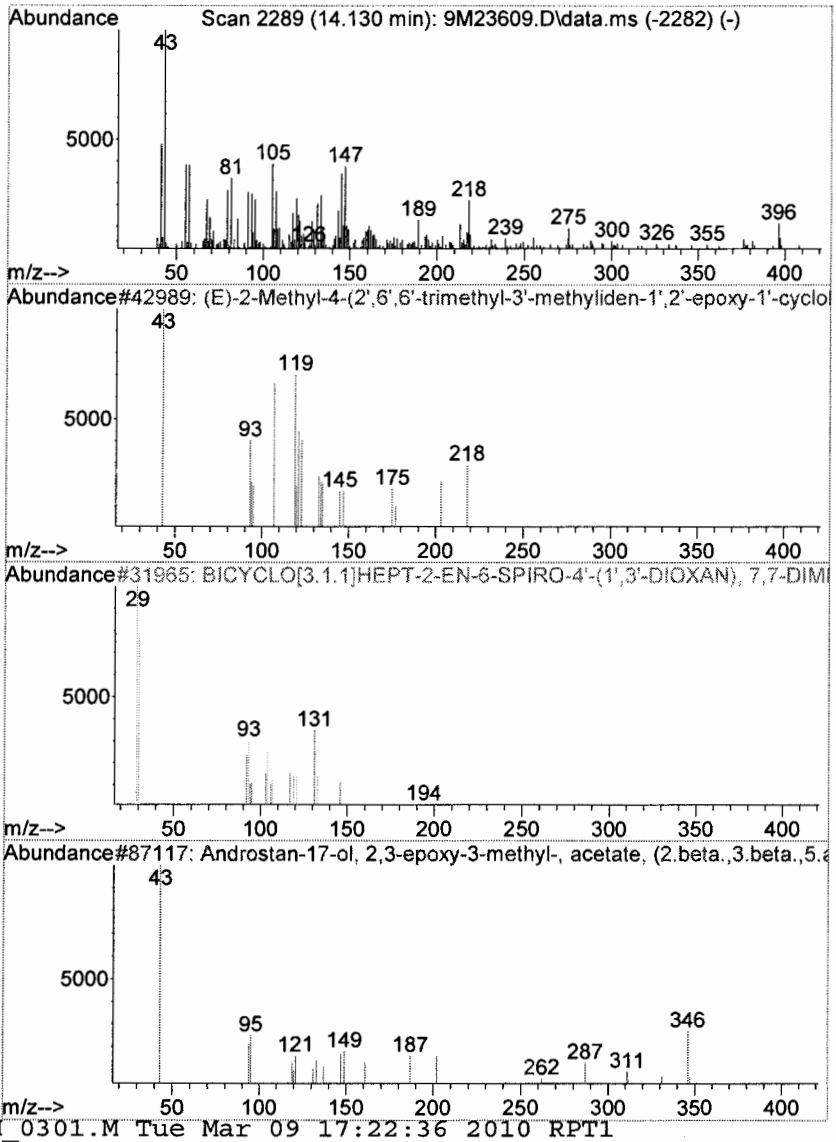
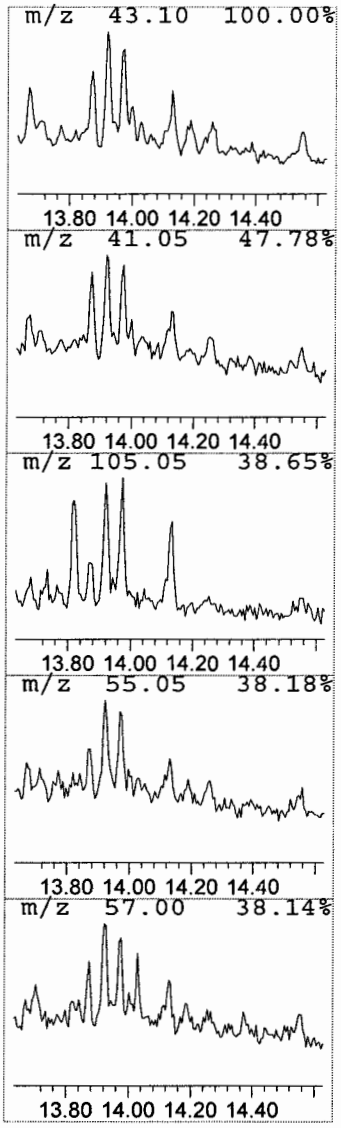
Peak Number 21 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	42.09 ng	293037	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Methyl-4-(2',6',6'-trimeth...	218	C15H22O	077822-46-9	10
2	BICYCLO[3.1.1]HEPT-2-EN-6-SPIRO-...	194	C12H18O2	000000-00-0	9
3	Androstan-17-ol, 2,3-epoxy-3-met...	346	C22H34O3	016321-28-1	7
4	2,3-endo-5,6-exo-Tetrakis(hydrox...	216	C11H20O4	081571-59-7	7
5	Cholest-5-en-3-ol, 6-nitro-, ace...	473	C29H47NO4	001912-54-5	6





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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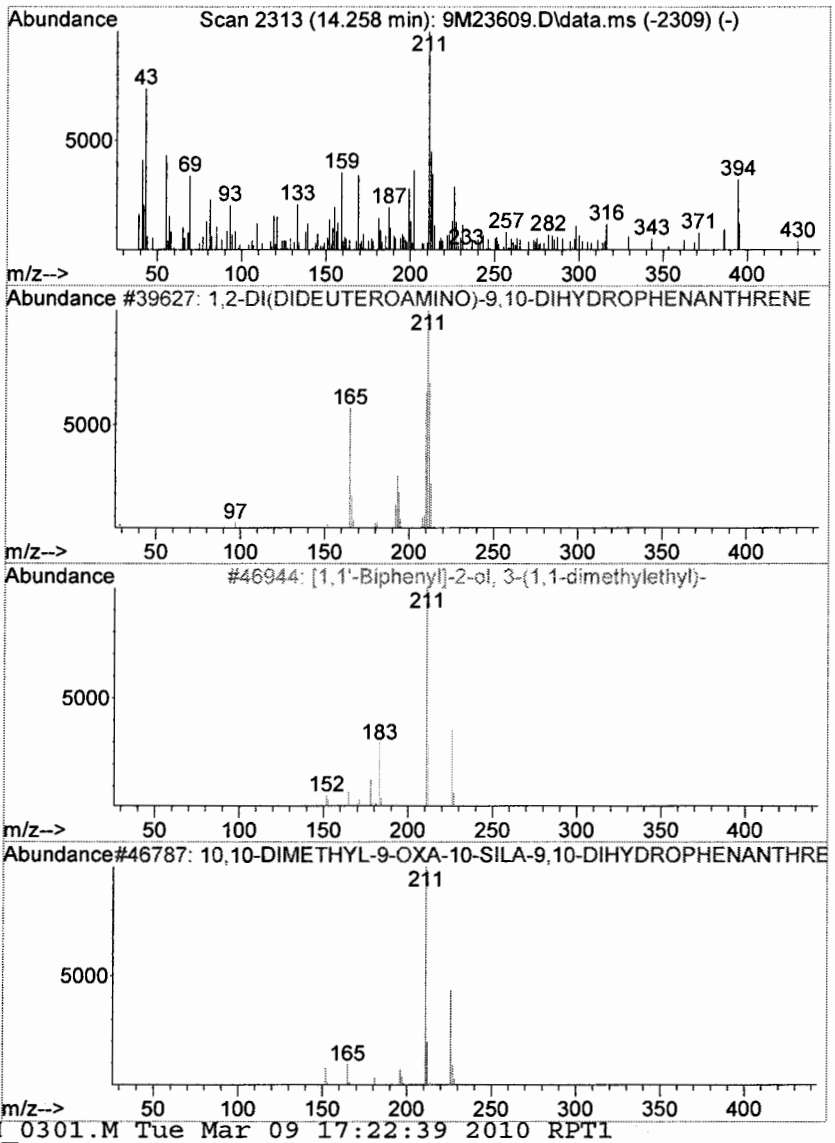
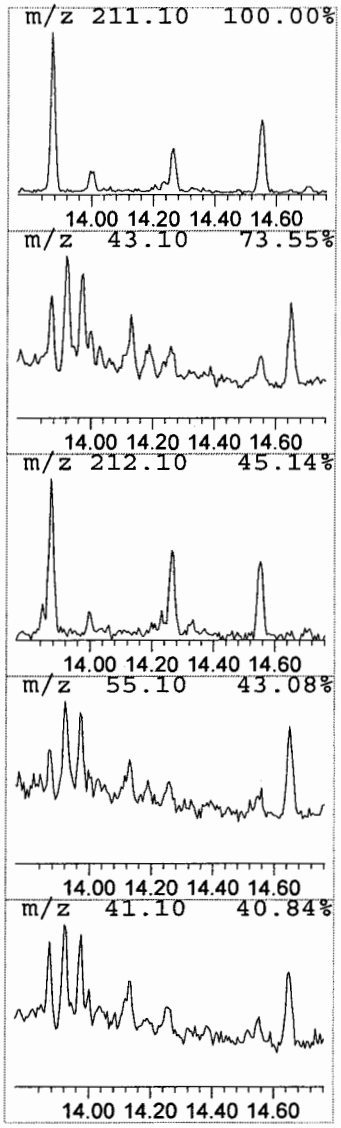
Peak Number 22 unknown Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	24.58 ng	171131	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-DI(DIDEUTEROAMINO)-9,10-DIHY...	210	C14H10D4N2	018264-93-2	35
2	[1,1'-Biphenyl]-2-ol, 3-(1,1-dim...	226	C16H18O	002416-98-0	27
3	10,10-DIMETHYL-9-OXA-10-SILA-9,1...	226	C14H14OSi	029218-87-9	25
4	1,1'-Biphenyl, (1,1-dimethyletho...	226	C16H18O	072101-19-0	22
5	10H-Phenoxasilin, 10,10-dimethyl-	226	C14H14OSi	018414-62-5	16





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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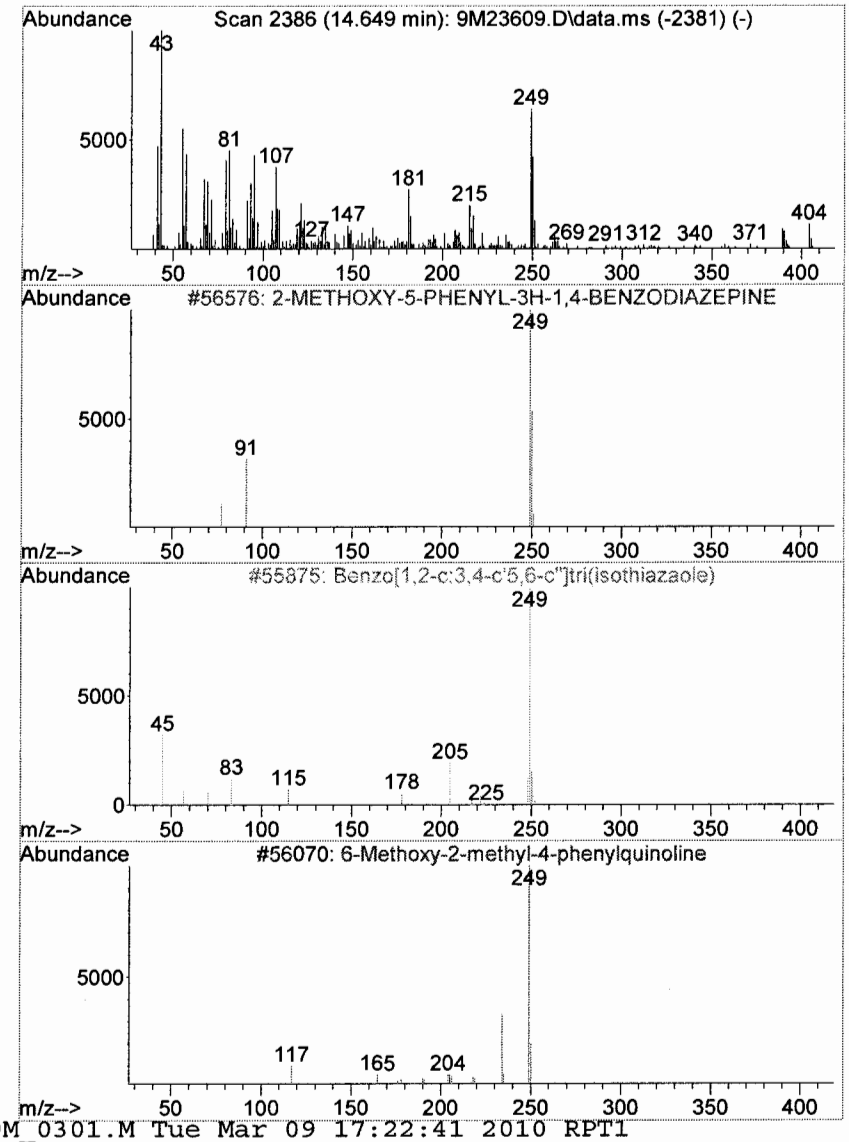
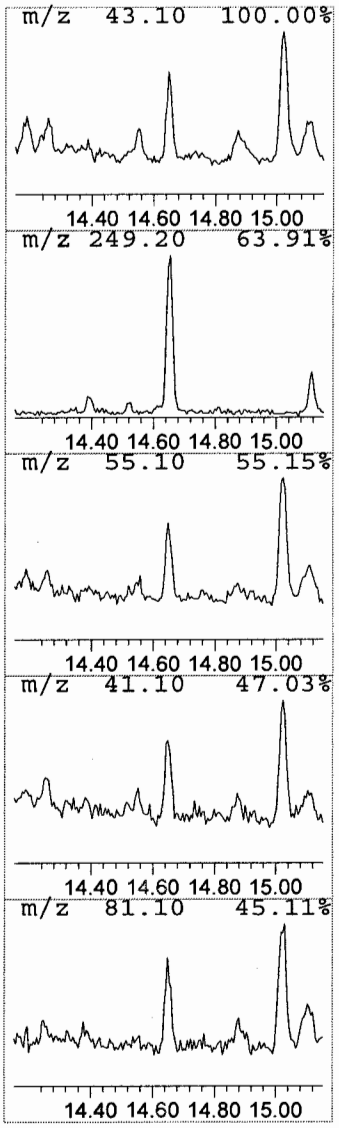
Peak Number 23 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	53.33 ng	371270	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHOXY-5-PHENYL-3H-1,4-BENZOD...	250	C16H14N2O	000000-00-0	27
2	Benzo[1,2-c:3,4-c'5,6-c'']tri(is...	249	C9H3N3S3	074960-12-6	14
3	6-Methoxy-2-methyl-4-phenylquino...	249	C17H15NO	000000-00-0	12
4	4,6-DIMETHYL-5-IODO-2-PYRIDINOL	249	C7H8INO	000000-00-0	10
5	4H-1-Benzopyran-2-carboxylic aci...	249	C12H11NO5	030192-51-9	10





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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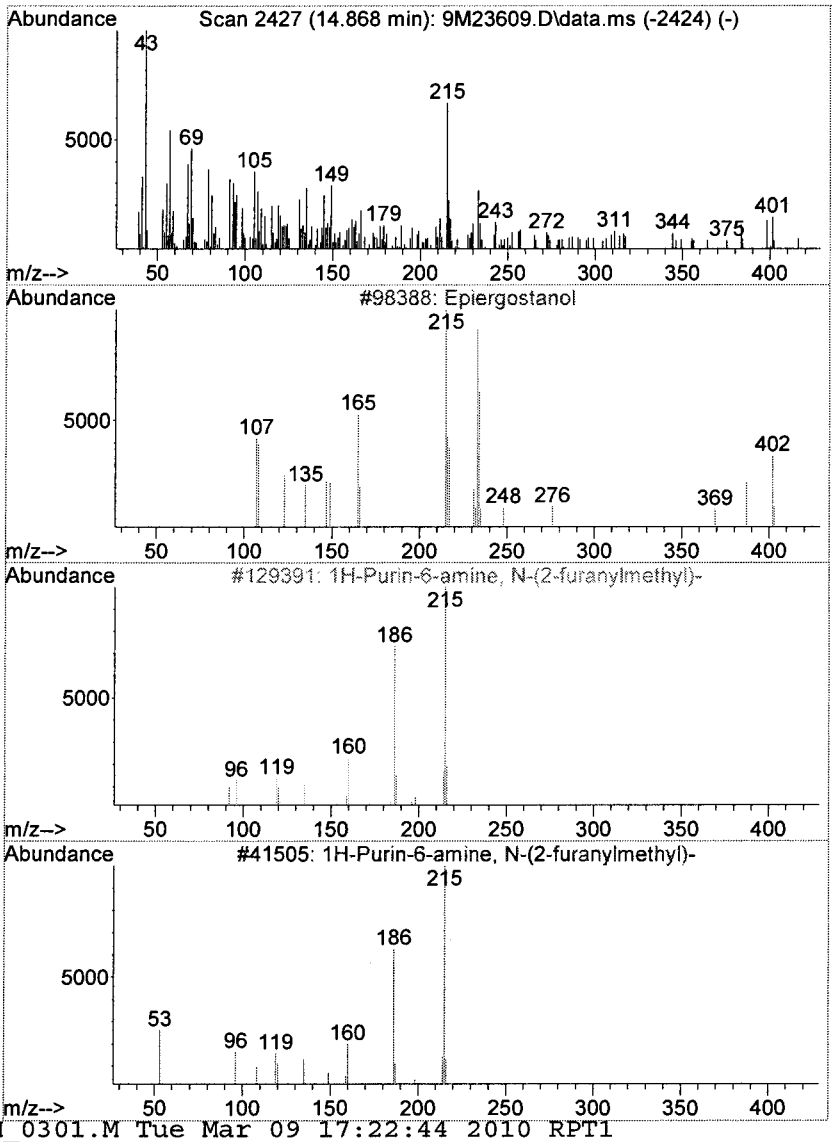
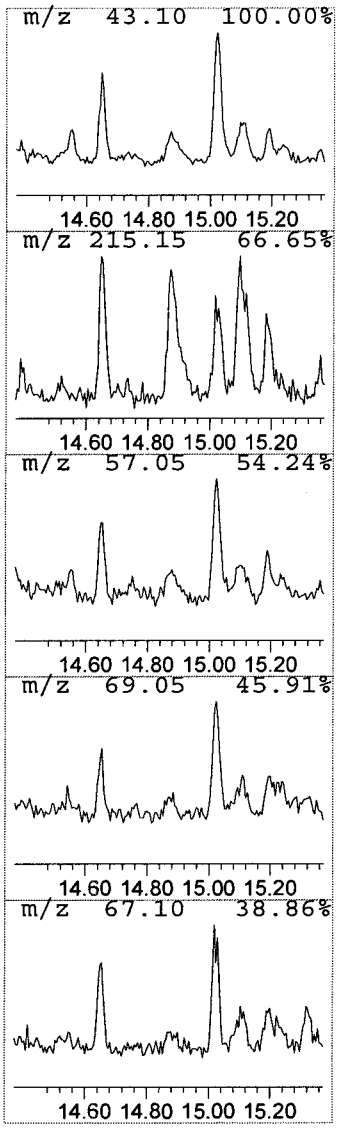
Peak Number 24 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	20.02 ng	139393	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Epiergostanol	402	C28H50O	006538-02-9	16
2	1H-Purin-6-amine, N-(2-furanylme...	215	C10H9N5O	000525-79-1	14
3	1H-Purin-6-amine, N-(2-furanylme...	215	C10H9N5O	000525-79-1	14
4	1-(3-Chlorophenyl)-2-(3-pyridazi...	216	C12H9ClN2	083539-78-0	12
5	NEOPENTYL-DIPHENYL PHOSPHINE OXIDE	272	C17H21OP	003740-04-3	12





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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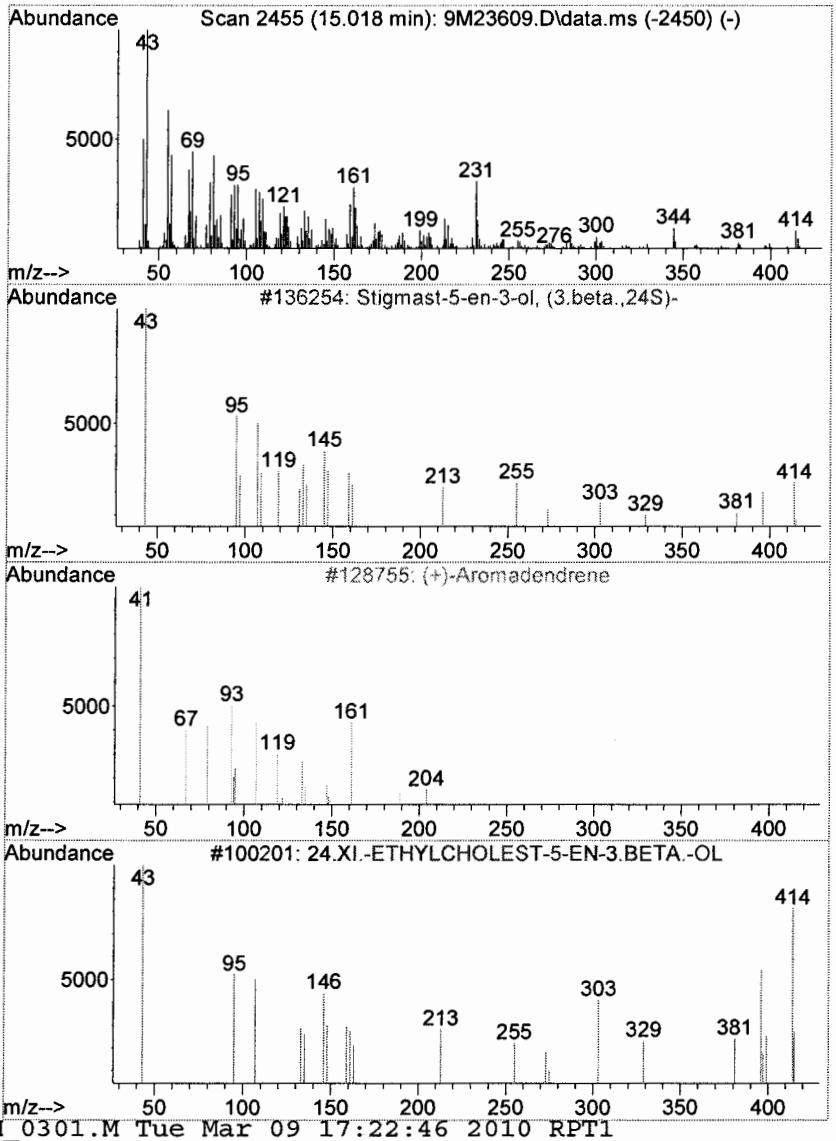
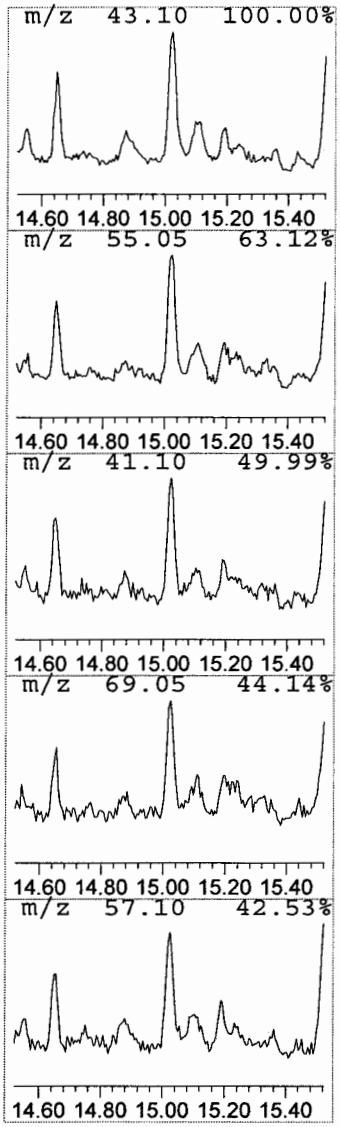
Peak Number 25 Stigmast-5-en-3-ol, (3.beta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	98.47 ng	685530	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	86
2	(+)-Aromadendrene	204	C15H24	000489-39-4	56
3	24.XI.-ETHYLCHOLEST-5-EN-3.BETA.-OL	414	C29H50O	019044-06-5	55
4	Cholestan-3-one, 4,4-dimethyl-, ...	414	C29H50O	002097-85-0	46
5	Stigmast-5-en-3-ol, (3.beta.)-	414	C29H50O	000083-46-5	43





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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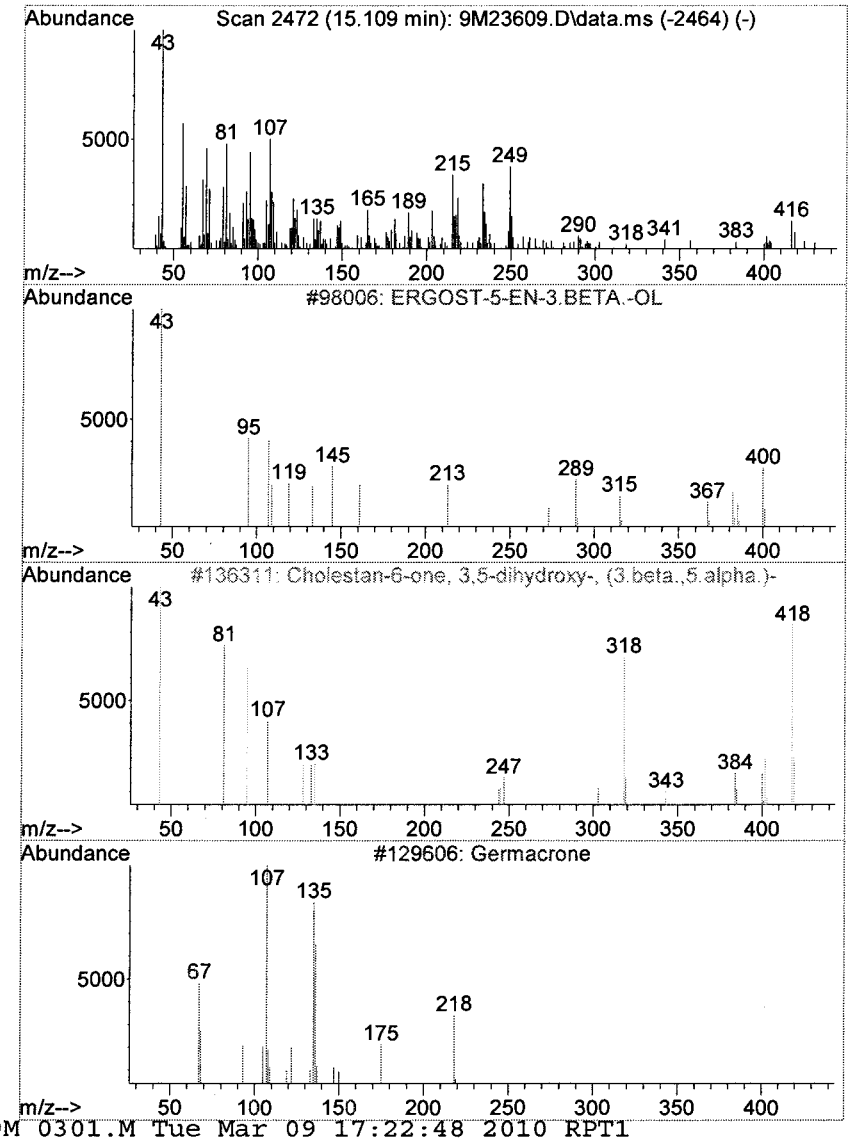
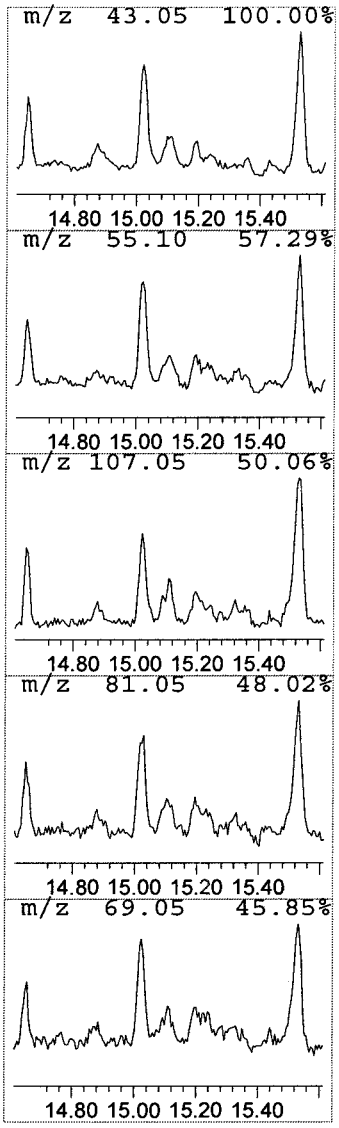
Peak Number 26 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	43.43 ng	302339	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	ERGOST-5-EN-3.BETA.-OL	400	C28H48O	000000-00-0	25
2	Cholestan-6-one, 3,5-dihydroxy-,...	418	C27H46O3	013027-33-3	16
3	Germacrone	218	C15H22O	006902-91-6	11
4	Ergost-22-en-3-ol, (3.beta.,5.al...	400	C28H48O	036422-25-0	10
5	2-Hydroxyundecamethylene diacetate	288	C15H28O5	084115-22-0	9





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Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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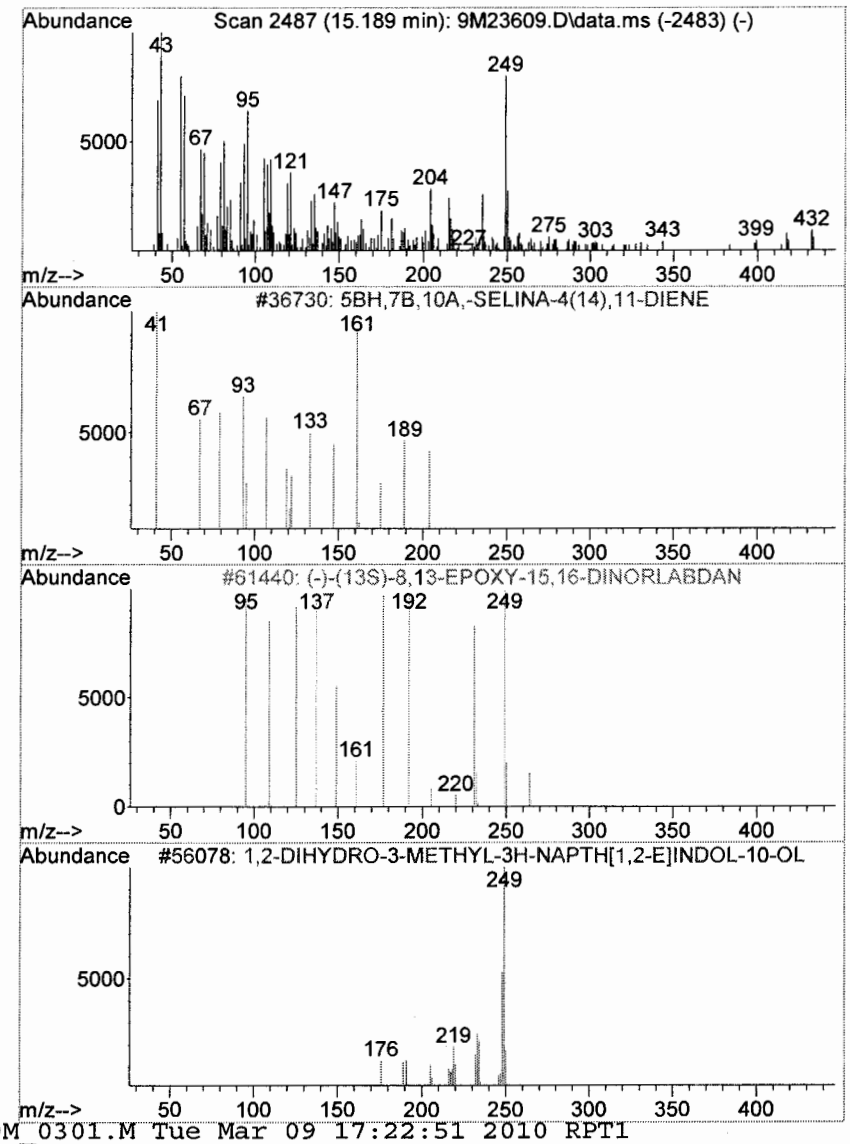
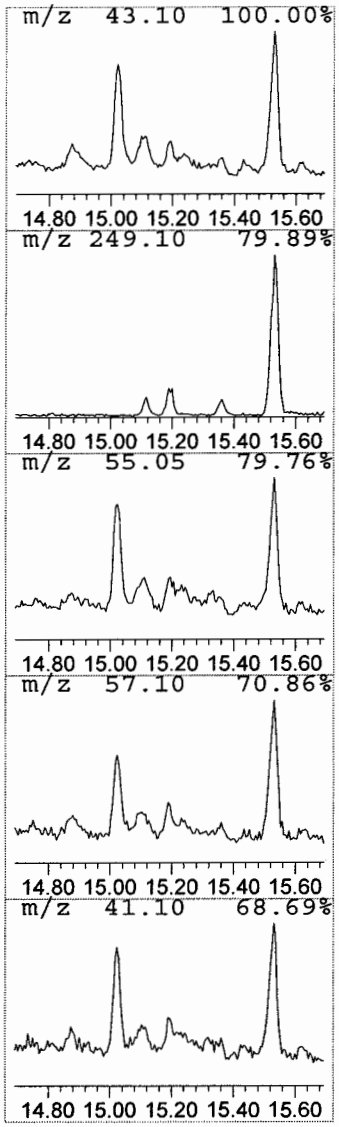
Peak Number 27 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	38.69 ng	269367	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5BH,7B,10A,-SELINA-4(14),11-DIENE	204	C15H24	000000-00-0	53
2	(-)-(13S)-8,13-EPOXY-15,16-DINOR...	264	C18H32O	060134-37-4	43
3	1,2-DIHYDRO-3-METHYL-3H-NAPTH[1,...	249	C17H15NO	098033-22-8	35
4	2-METHYLPHENANTHRO[3,4-D][1,3]OX...	249	C16H11NO2	098033-24-0	35
5	Junipene	204	C15H24	000475-20-7	30





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Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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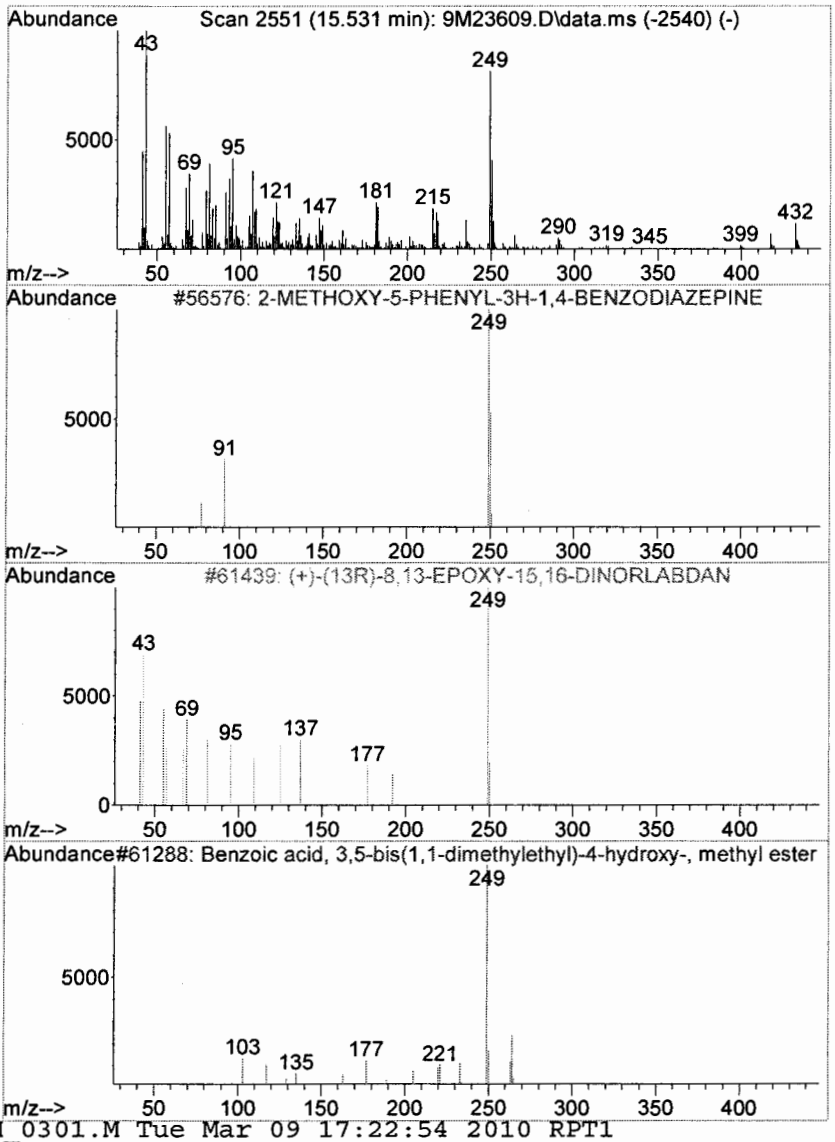
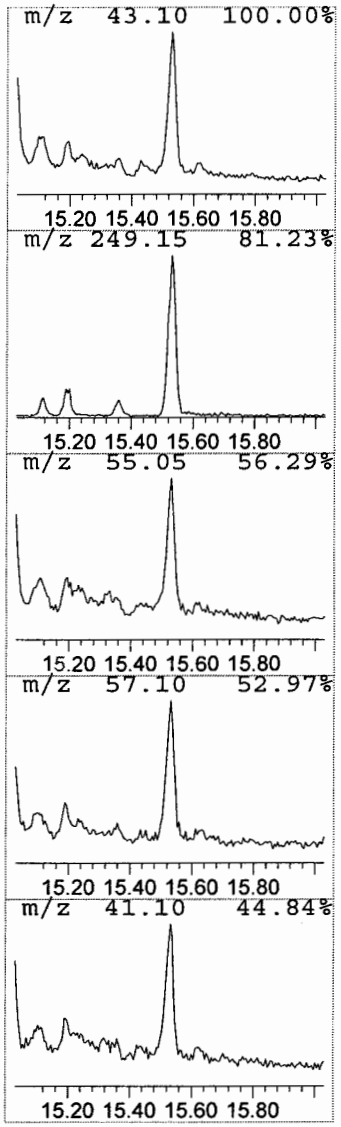
Peak Number 28 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	162.87 ng	1133904	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-METHOXY-5-PHENYL-3H-1,4-BENZOD...	250	C16H14N2O	000000-00-0	32
2	(+)-(13R)-8,13-EPOXY-15,16-DINOR...	264	C18H32O	060134-38-5	25
3	Benzoic acid, 3,5-bis(1,1-dimeth...	264	C16H24O3	002511-22-0	17
4	1-Benzoyl-2-methyl-5,6,7,8-tetra...	250	C18H18O	082669-96-3	16
5	12H-Benzo[a]phenothiazine	249	C16H11NS	000225-83-2	16





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23609.D
Acq On : 8 Mar 2010 9:23
Operator : AHD
Sample : AC50108-002
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
2-Pentanone, 4-hy...	3.67	4504.0	ng	21594697	1	5.19	5.19	191781	40.0
Heptadecane	8.39	25.6	ng	174804	4	8.94	8.94	272800	40.0
Tetradecanoic acid	9.60	89.9	ng	613176	4	8.94	8.94	272800	40.0
unknown	9.87	31.6	ng	215590	4	8.94	8.94	272800	40.0
unknown	9.99	56.5	ng	385485	4	8.94	8.94	272800	40.0
3-[(Trimethylsily...	10.09	24.7	ng	168250	4	8.94	8.94	272800	40.0
Heptadecane, 2,6,...	10.21	25.4	ng	173198	4	8.94	8.94	272800	40.0
10-Methoxybenz[a]...	10.34	49.8	ng	339346	4	8.94	8.94	272800	40.0
Tridecane, 7-hexyl-	10.65	27.5	ng	227366	5	11.95	11.95	330232	40.0
(E,E)-2,5-Dipheny...	10.88	53.4	ng	440823	5	11.95	11.95	330232	40.0
Tricosane	11.08	29.1	ng	240094	5	11.95	11.95	330232	40.0
Docosane, 11-butyl-	11.49	24.2	ng	199692	5	11.95	11.95	330232	40.0
Hexatriacontane	11.89	27.1	ng	223752	5	11.95	11.95	330232	40.0
unknown	13.11	21.5	ng	149355	6	13.55	13.55	278479	40.0
unknown	13.26	76.4	ng	532139	6	13.55	13.55	278479	40.0
unknown	13.31	58.8	ng	409353	6	13.55	13.55	278479	40.0
19-NORCHOLESTA-1,...	13.67	30.0	ng	209103	6	13.55	13.55	278479	40.0
unknown	13.87	39.5	ng	274871	6	13.55	13.55	278479	40.0
unknown	13.92	62.1	ng	432368	6	13.55	13.55	278479	40.0
unknown	13.97	36.3	ng	252488	6	13.55	13.55	278479	40.0
unknown	14.13	42.1	ng	293037	6	13.55	13.55	278479	40.0
unknown	14.26	24.6	ng	171131	6	13.55	13.55	278479	40.0
unknown	14.65	53.3	ng	371270	6	13.55	13.55	278479	40.0
unknown	14.87	20.0	ng	139393	6	13.55	13.55	278479	40.0
Stigmast-5-en-3-o...	15.02	98.5	ng	685530	6	13.55	13.55	278479	40.0
unknown	15.11	43.4	ng	302339	6	13.55	13.55	278479	40.0
unknown	15.19	38.7	ng	269367	6	13.55	13.55	278479	40.0
unknown	15.53	162.9	ng	1133904	6	13.55	13.55	278479	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-003(10X)
Client Id: PI-01-TP-RAP2030210S01
Data File: 9M23616.D
Analysis Date: 03/08/10 12:54
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 4.5ml
Dilution: 10
Solids: 62

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	4.8	U	**191-24-2**	**Benzo[g,h,i]perylene**	**4.8**	**5.1**
122-66-7	1,2-Diphenylhydrazine	4.8	U	207-08-9	Benzo[k]fluoranthene	4.8	U
95-95-4	2,4,5-Trichlorophenol	4.8	U	65-85-0	Benzoic Acid	24	U
88-06-2	2,4,6-Trichlorophenol	4.8	U	111-91-1	bis(2-Chloroethoxy)methan	4.8	U
120-83-2	2,4-Dichlorophenol	4.8	U	111-44-4	bis(2-Chloroethyl)ether	4.8	U
105-67-9	2,4-Dimethylphenol	4.8	U	108-60-1	bis(2-chloroisopropyl)ether	4.8	U
51-28-5	2,4-Dinitrophenol	24	U	117-81-7	bis(2-Ethylhexyl)phthalate	4.8	U
121-14-2	2,4-Dinitrotoluene	4.8	U	85-68-7	Butylbenzylphthalate	4.8	U
606-20-2	2,6-Dinitrotoluene	4.8	U	86-74-8	Carbazole	4.8	U
91-58-7	2-Chloronaphthalene	4.8	U	**218-01-9**	**Chrysene**	**4.8**	**16**
95-57-8	2-Chlorophenol	4.8	U	53-70-3	Dibenzo[a,h]anthracene	4.8	U
91-57-6	2-Methylnaphthalene	4.8	U	132-64-9	Dibenzofuran	4.8	U
95-48-7	2-Methylphenol	4.8	U	84-66-2	Diethylphthalate	4.8	U
88-74-4	2-Nitroaniline	4.8	U	131-11-3	Dimethylphthalate	4.8	U
88-75-5	2-Nitrophenol	4.8	U	84-74-2	Di-n-butylphthalate	4.8	U
106-44-5	3&4-Methylphenol	4.8	U	117-84-0	Di-n-octylphthalate	4.8	U
91-94-1	3,3'-Dichlorobenzidine	4.8	U	**206-44-0**	**Fluoranthene**	**4.8**	**6.0**
99-09-2	3-Nitroaniline	4.8	U	86-73-7	Fluorene	4.8	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U	118-74-1	Hexachlorobenzene	4.8	U
101-55-3	4-Bromophenyl-phenylether	4.8	U	87-68-3	Hexachlorobutadiene	4.8	U
59-50-7	4-Chloro-3-methylphenol	4.8	U	77-47-4	Hexachlorocyclopentadiene	24	U
106-47-8	4-Chloroaniline	4.8	U	67-72-1	Hexachloroethane	4.8	U
7005-72-3	4-Chlorophenyl-phenylether	4.8	U	193-39-5	Indeno[1,2,3-cd]pyrene	4.8	U
100-01-6	4-Nitroaniline	4.8	U	78-59-1	Isophorone	4.8	U
100-02-7	4-Nitrophenol	4.8	U	91-20-3	Naphthalene	4.8	U
83-32-9	**Acenaphthene**	**4.8**	**5.0**	98-95-3	Nitrobenzene	4.8	U
208-96-8	Acenaphthylene	4.8	U	62-75-9	N-Nitrosodimethylamine	4.8	U
62-53-3	Aniline	4.8	U	621-64-7	N-Nitroso-di-n-propylamine	4.8	U
120-12-7	**Anthracene**	**4.8**	**11**	86-30-6	n-Nitrosodiphenylamine	4.8	U
92-87-5	Benzidine	24	U	87-86-5	Pentachlorophenol	24	U
56-55-3	**Benzo[a]anthracene**	**4.8**	**11**	85-01-8	Phenanthrene	4.8	U
50-32-8	**Benzo[a]pyrene**	**4.8**	**7.4**	108-95-2	Phenol	4.8	U
205-99-2	Benzo[b]fluoranthene	4.8	U	**129-00-0**	**Pyrene**	**4.8**	**41**

Worksheet #: 144678

Total Target Concentration 100

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-003(10X)
Client Id: PI-01-TP-RAP2030210
Data File: 9M23616.D
Analysis Date: 03/08/10 12:54
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 4.5ml
Dilution: 10
Solids: 62
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.49	330 JAB
2	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.73	24 J
3	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.83	24 J
4	829-26-5	Naphthalene, 2,3,6-trimethyl-	7.90	27 J
5	2523-37-7	9H-Fluorene, 9-methyl-	8.55	25 J
6		unknown	8.85	25 J
7	7372-88-5	Dibenzothiophene, 4-methyl-	9.29	26 J
8	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.48	35 J
9		unknown	9.61	43 J
10	1207-15-4	2,8-Dimethyldibenzothiophene	9.83	25 J
11	3674-66-6	Phenanthrene, 2,5-dimethyl-	9.98	45 J
12	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.10	65 J
13		unknown	10.12	27 J
14	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.19	27 J
15	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.34	27 J
16	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.57	34 J
17	18694-06-9	[4,4'-Bipyrimidine]-2,2',6(1H,1'H,3H)-tr	10.62	54 J
18		unknown	10.92	46 J
19	3353-12-6	Pyrene, 4-methyl-	11.04	27 J
20	3353-12-6	Pyrene, 4-methyl-	11.15	33 J
21	2381-21-7	Pyrene, 1-methyl-	11.18	29 J
22	15254-25-8	2,3,6,7-Tetramethylanthracene	11.25	34 J
23	84-15-1	1,1':2',1''-Terphenyl	11.64	28 J
24	64401-21-4	Pyrene, 1,3-dimethyl-	11.73	27 J
25		unknown	13.85	24 J

kw 3.9.10

Worksheet #: 144678

Total Tentatively Identified Concentration 1100

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

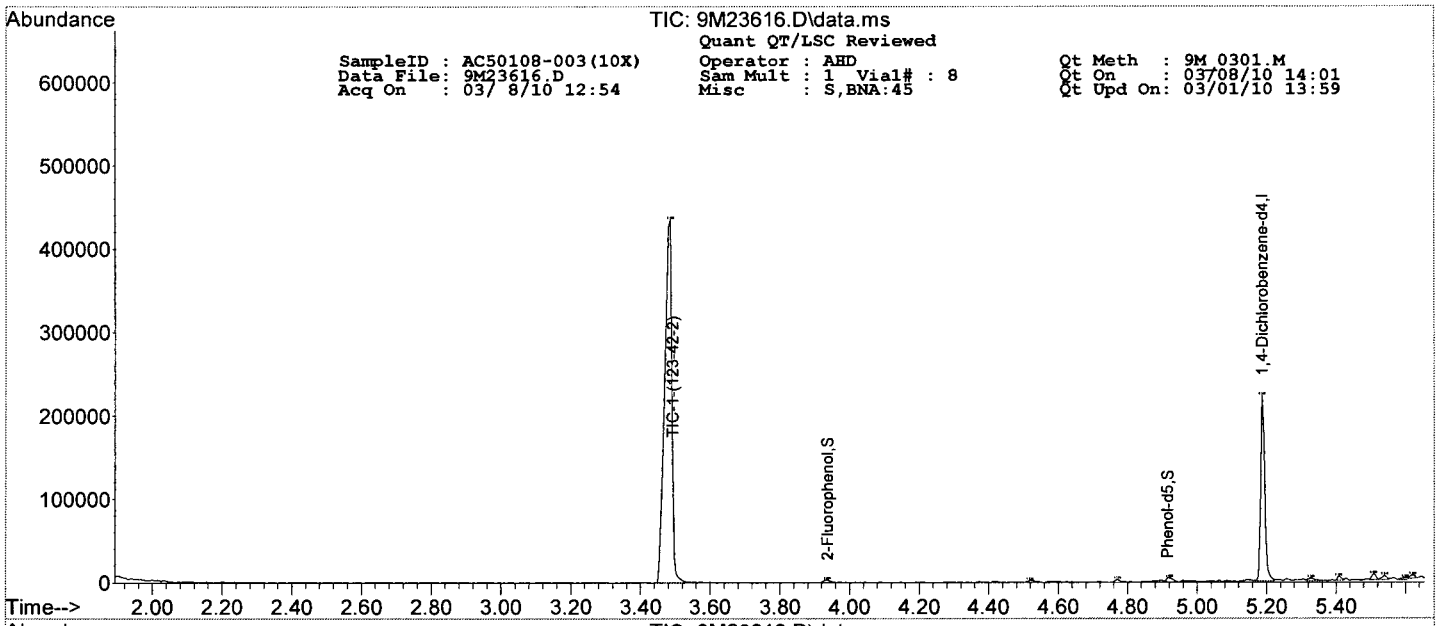
SampleID : AC50108-003(10X) Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23616.D Sam Mult : 1 Vial# : 8 Qt On : 03/08/10 14:01
Acq On : 03/ 8/10 12:54 Misc : S,BNA:45 Qt Upd On: 03/01/10 13:59

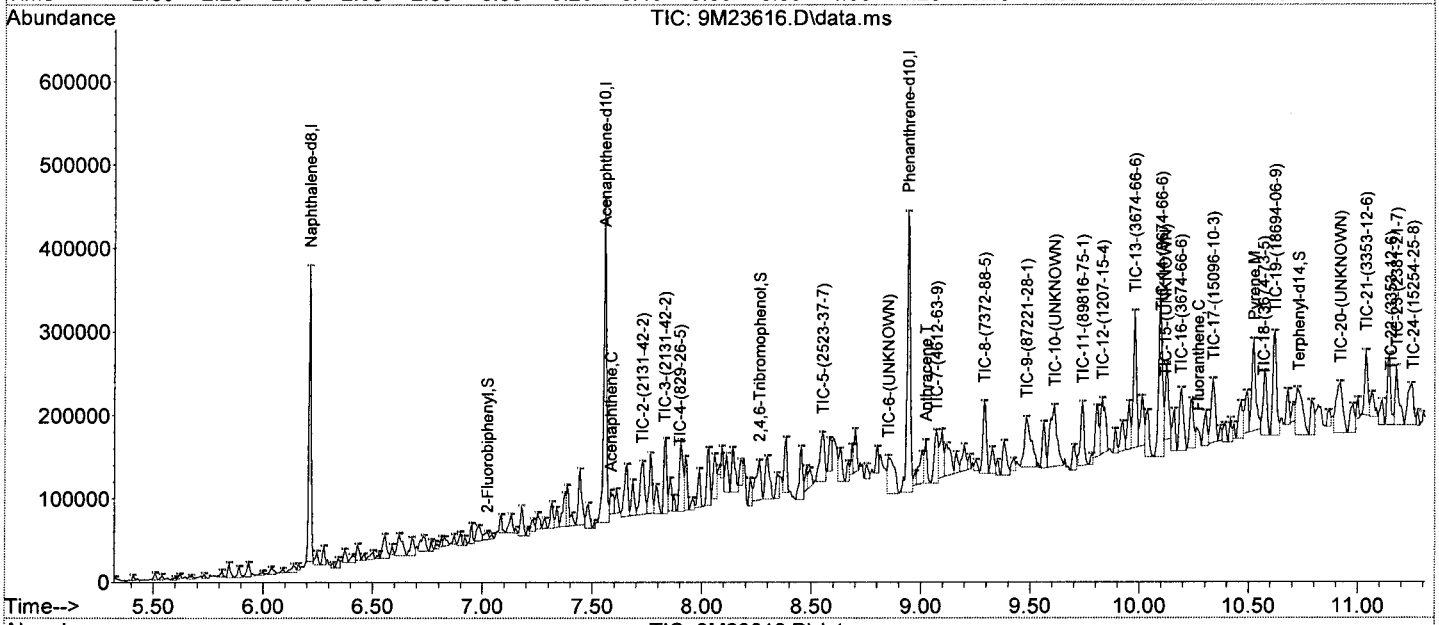
Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

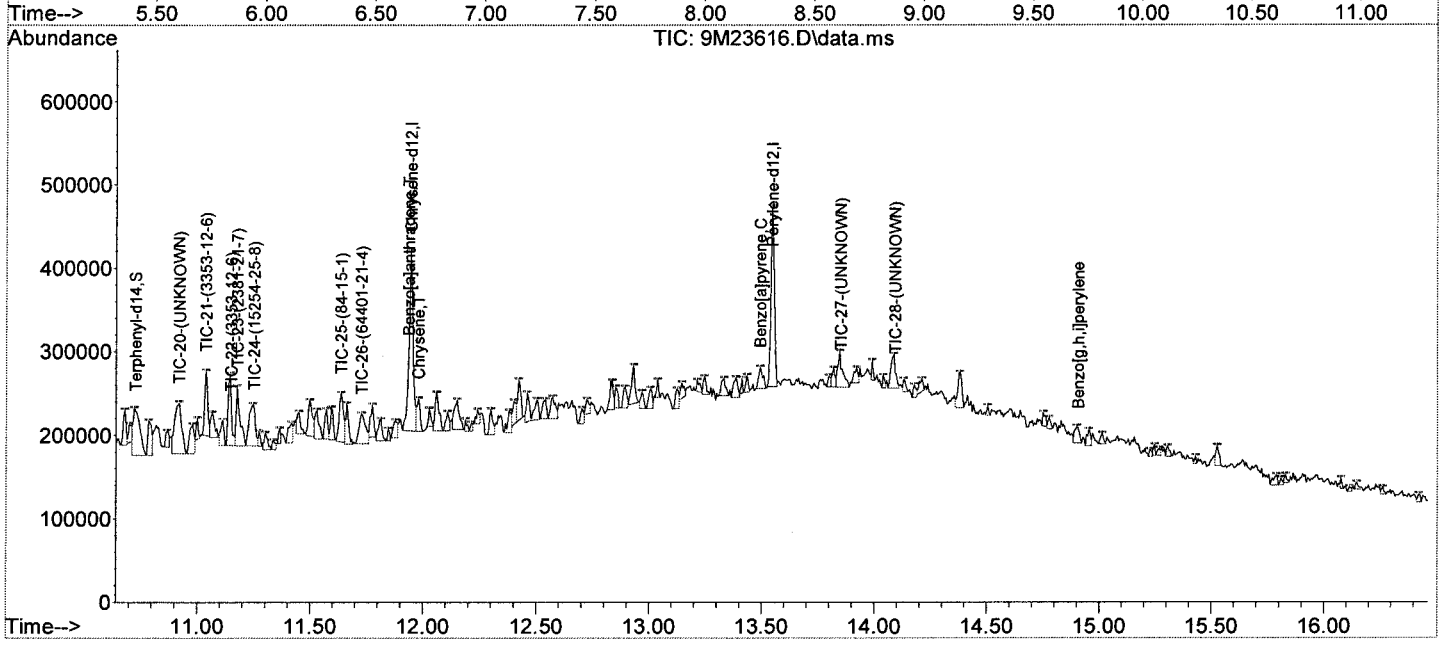
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.187	152	26935	40.00	ng	-0.08
29) Naphthalene-d8	6.214	136	108576	40.00	ng	-0.08
47) Acenaphthene-d10	7.556	164	59779	40.00	ng	-0.09
73) Phenanthrene-d10	8.942	188	96047	40.00	ng	-0.10
87) Chrysene-d12	11.948	240	68844	40.00	ng	-0.11
102) Perylene-d12	13.547	264	74184	40.00	ng	-0.11
System Monitoring Compounds						
10) 2-Fluorophenol	3.935	112	1193	1.65	ng	-0.07
Spiked Amount 100.000			Recovery =	1.65%		
15) Phenol-d5	4.914	99	1960	2.08	ng	-0.06
Spiked Amount 100.000			Recovery =	2.08%		
30) Nitrobenzene-d5	5.663	128	293m	0.64	ng	-0.07
Spiked Amount 50.000			Recovery =	1.28%		
52) 2-Fluorobiphenyl	7.022	172	2378	1.16	ng	-0.07
Spiked Amount 50.000			Recovery =	2.32%		
76) 2,4,6-Tribromophenol	8.262	330	467m	2.62	ng	-0.09
Spiked Amount 100.000			Recovery =	2.62%		
90) Terphenyl-d14	10.728	244	3462	1.75	ng	-0.10
Spiked Amount 50.000			Recovery =	3.50%		
Target Compounds						Qvalue
61) Acenaphthene	7.583	153	3696	2.08	ng	89
83) Anthracene	9.022	178	12750	4.44	ng	84
86) Fluoranthene	10.268	202	7518	2.47	ng	87
88) Pyrene	10.525	202	47161	17.02	ng	93
99) Benzo[a]anthracene	11.937	228	11629	4.65	ng	86
100) Chrysene	11.980	228	16197	6.77	ng	72
106) Benzo[a]pyrene	13.493	252	7071	3.06	ng	72
109) Benzo[g,h,i]perylene	14.905	276	4294	2.12	ng	87
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.187		183438	40.00	ng	--
2) Naphthalene-d8	6.214		258267	40.00	ng	--
3) Acenaphthene-d10	7.556		367340	40.00	ng	--
4) Phenanthrene-d10	8.942		353701	40.00	ng	--
5) Chrysene-d12	11.948		268622	40.00	ng	--
6) Perylene-d12	13.547		243006	40.00	ng	--
Library Search Compounds						
1) 123-42-2	3.490		632670	137.96	ng	64
2) 2131-42-2	7.730		90834	9.89	ng	94
3) 2131-42-2	7.830		90602	9.87	ng	94
4) 829-26-5	7.900		100841	10.98	ng	81
5) 2523-37-7	8.550		91663	10.37	ng	86
6) UNKNOWN	8.850		92395	10.45	ng	--
7) 4612-63-9	9.070		85022	9.62	ng	64
8) 7372-88-5	9.290		96223	10.88	ng	91
9) 87221-28-1	9.480		128434	14.52	ng	53
10) UNKNOWN	9.610		157522	17.81	ng	--
11) 89816-75-1	9.740		86454	9.78	ng	83
12) 1207-15-4	9.830		92082	10.41	ng	59
13) 3674-66-6	9.980		163313	18.47	ng	81
14) 3674-66-6	10.100		238937	27.02	ng	95
15) UNKNOWN	10.120		96882	10.96	ng	--
16) 3674-66-6	10.190		97696	11.05	ng	86
17) 15096-10-3	10.340		100481	11.36	ng	86
18) 3674-73-5	10.570		93068	13.86	ng	91
19) 18694-06-9	10.620		150590	22.42	ng	86
20) UNKNOWN	10.920		127452	18.98	ng	--
21) 3353-12-6	11.040		74014	11.02	ng	86
22) 3353-12-6	11.150		90441	13.47	ng	91
23) 2381-21-7	11.180		80929	12.05	ng	87
24) 15254-25-8	11.250		94284	14.04	ng	58
25) 84-15-1	11.640		77745	11.58	ng	76
26) 64401-21-4	11.730		74598	11.11	ng	90
27) UNKNOWN	13.850		60839	10.01	ng	--
28) UNKNOWN	14.090		57380	9.45	ng	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed

lle


Abundance
TIC: 9M23616.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-003(10X)
Data File: 9M23616.D
Acq On : 037 8/10 12:54
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : S,BNA:45
Qt Meth : 9M 0301.M
Qt On : 03708/10 14:01
Qt Upd On: 03/01/10 13:59
TIC-1-(123-42-2)
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Time-->


Abundance
TIC: 9M23616.D\data.ms
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
Acenaphthene,C
TIC-2-(2131-42-2)
TIC-3-(2131-42-2)
TIC-4-(829-26-5)
2,4,6-Tribromophenol,S
TIC-5-(2523-37-7)
TIC-6-(UNKNOWN)
Phenanthrene-d10,I
Anthracene,C
TIC-7-(4612-63-9)
TIC-8-(7372-88-5)
TIC-9-(87221-28-1)
TIC-10-(UNKNOWN)
TIC-11-(89816-75-1)
TIC-12-(1207-15-4)
TIC-13-(3674-66-6)
TIC-16-(3674-66-6)
Fluoranthene,C
TIC-17-(15096-10-3)
Pyrene,M
TIC-19-(18694-06-9)
Terphenyl-d14,S
TIC-20-(UNKNOWN)
TIC-21-(3353-12-6)
TIC-24-(15254-25-8)
Time-->


Abundance
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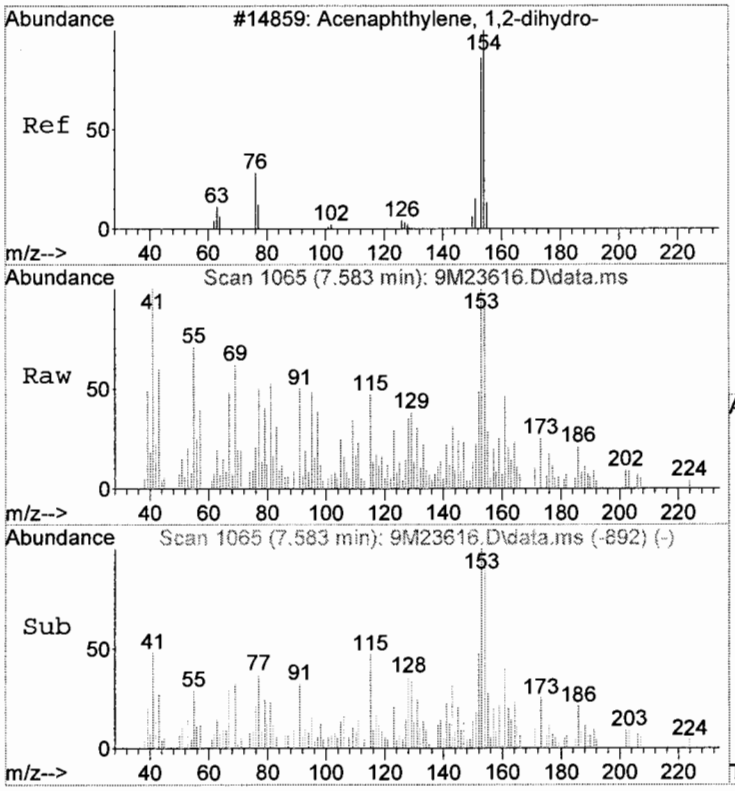
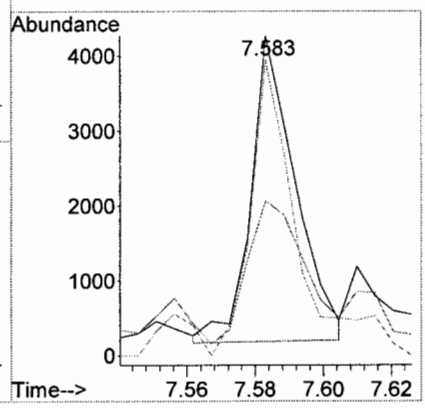
Terphenyl-d14,S
TIC-20-(UNKNOWN)
TIC-21-(3353-12-6)
TIC-24-(15254-25-8)
TIC-25-(84-15-1)
TIC-26-(64401-21-4)
Chrysene,I
Benzo[a]pyrene,C
Perylene-d12,I
TIC-27-(UNKNOWN)
TIC-28-(UNKNOWN)
Benzo[g,h,i]perylene
Time-->

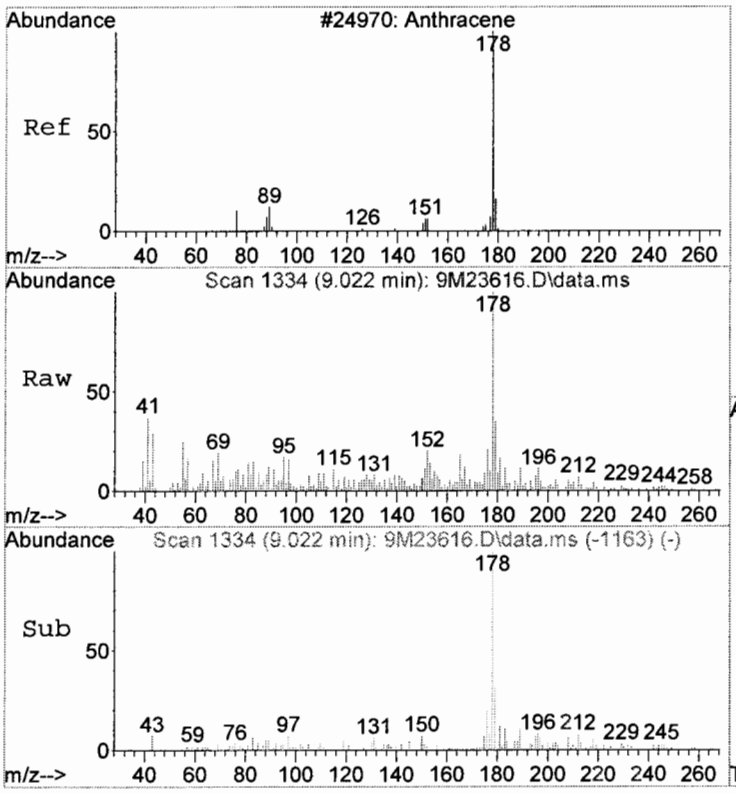


#61
Acenaphthene
Concen: 2.08 ng
RT: 7.583 min Scan# 1065
Delta R.T. -0.089 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:153 Resp: 3696

Ion	Ratio	Lower	Upper
153	100		
152	41.0	10.0	90.0
154	88.3	57.5	137.5

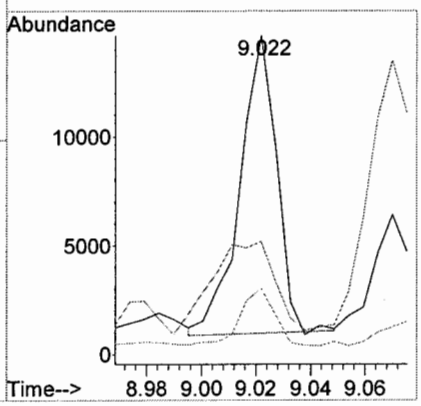


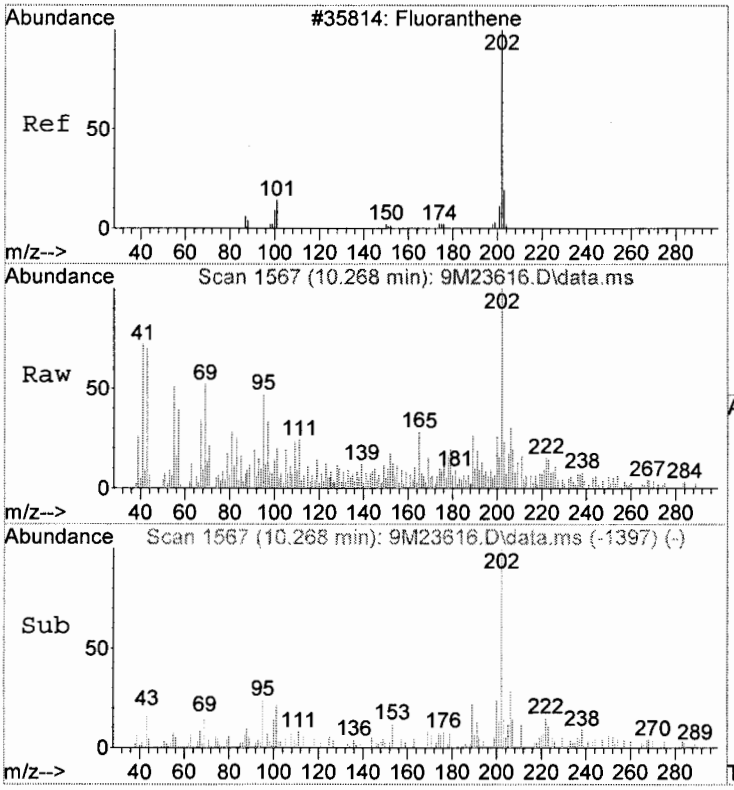


#83
Anthracene
Concen: 4.44 ng
RT: 9.022 min Scan# 1334
Delta R.T. -0.100 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:178 Resp: 12750

Ion	Ratio	Lower	Upper
178	100		
179	28.4	0.0	55.2
176	19.1	0.0	58.1

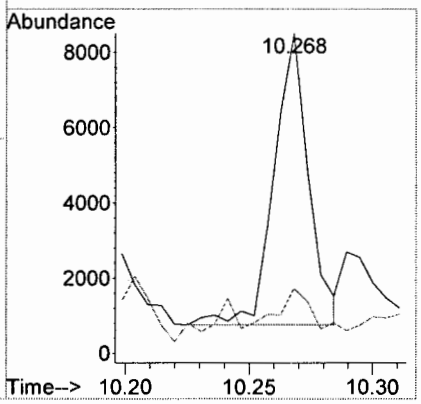


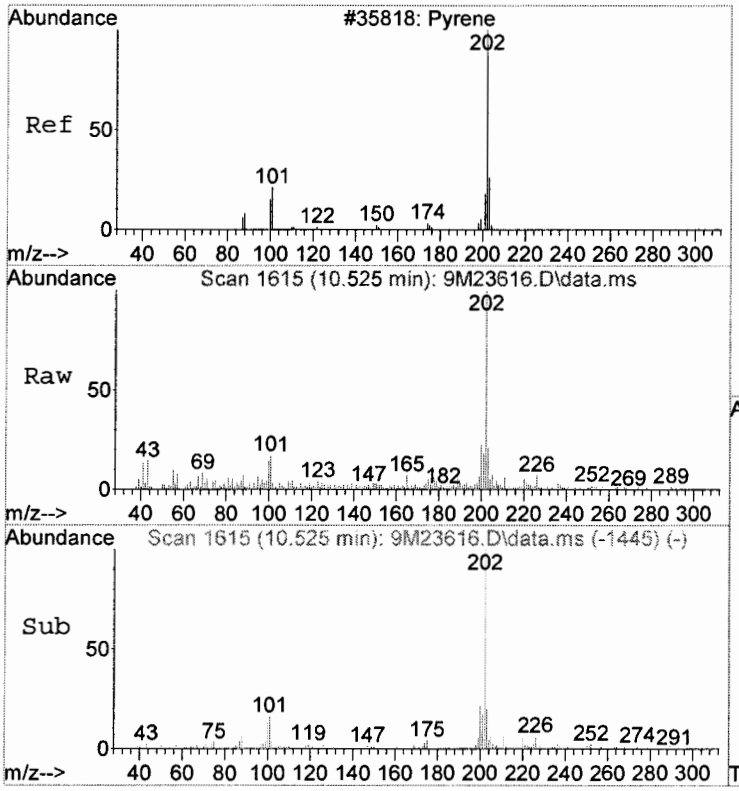


#86
Fluoranthene
Concen: 2.47 ng
RT: 10.268 min Scan# 1567
Delta R.T. -0.105 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:202 Resp: 7518

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	57.6

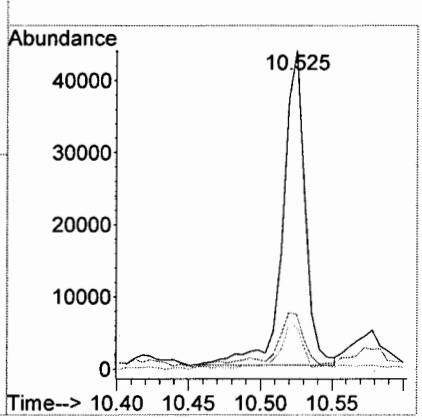


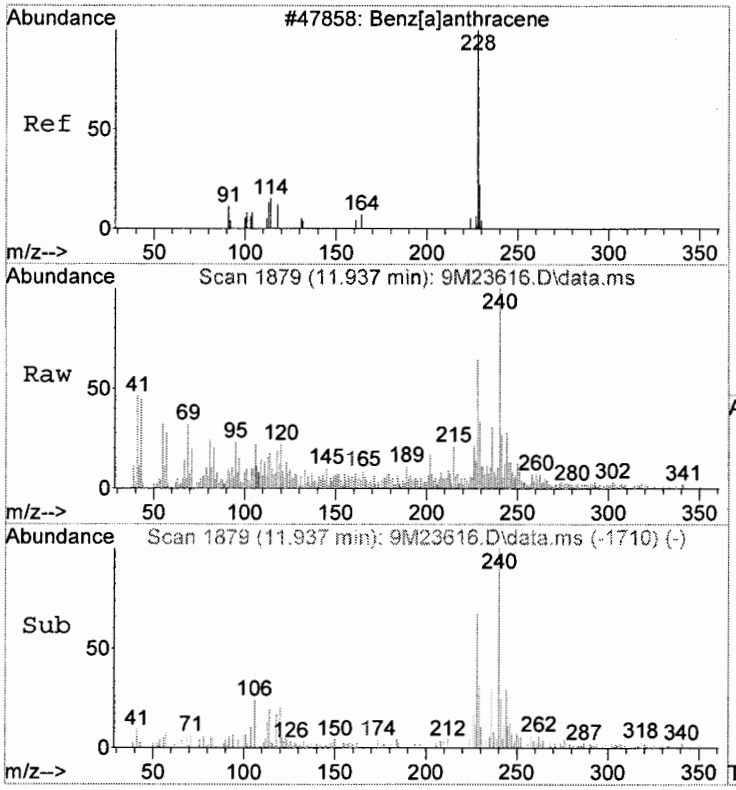


#88
Pyrene
Concen: 17.02 ng
RT: 10.525 min Scan# 1615
Delta R.T. -0.105 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:202 Resp: 47161

Ion	Ratio	Lower	Upper
202	100		
101	19.5	0.0	62.2
100	13.7	0.0	57.8

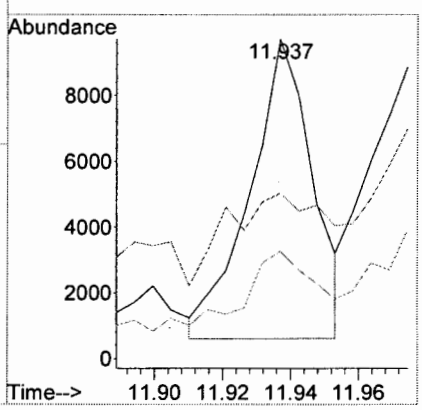


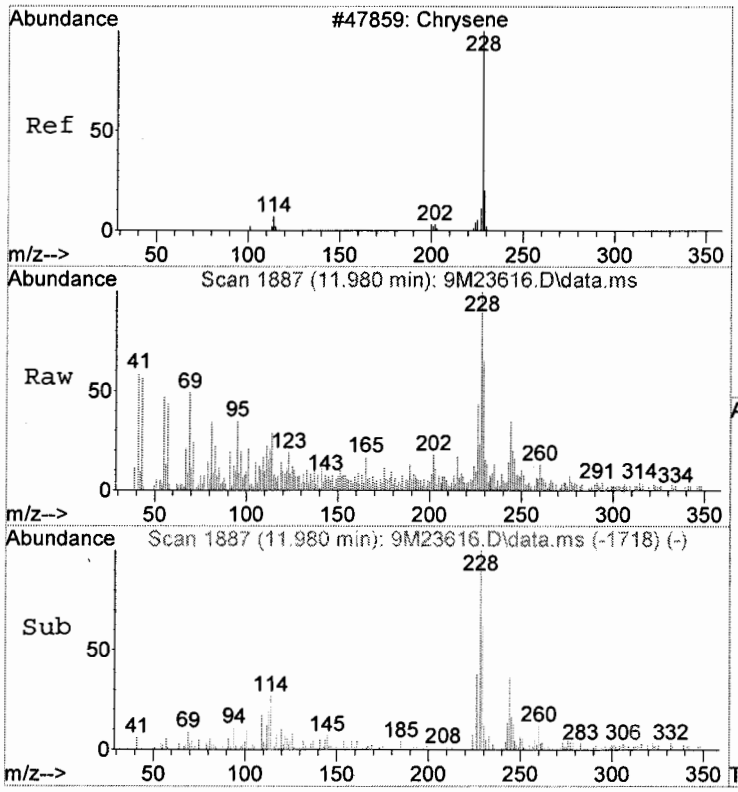


#99
Benzo[a]anthracene
Concen: 4.65 ng
RT: 11.937 min Scan# 1879
Delta R.T. -0.111 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:228 Resp: 11629

Ion	Ratio	Lower	Upper
228	100		
229	33.1	0.0	59.5
226	26.7	0.0	66.0

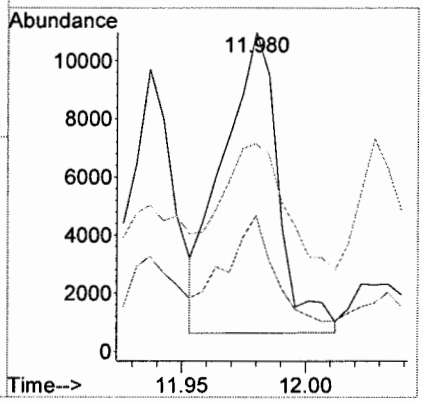


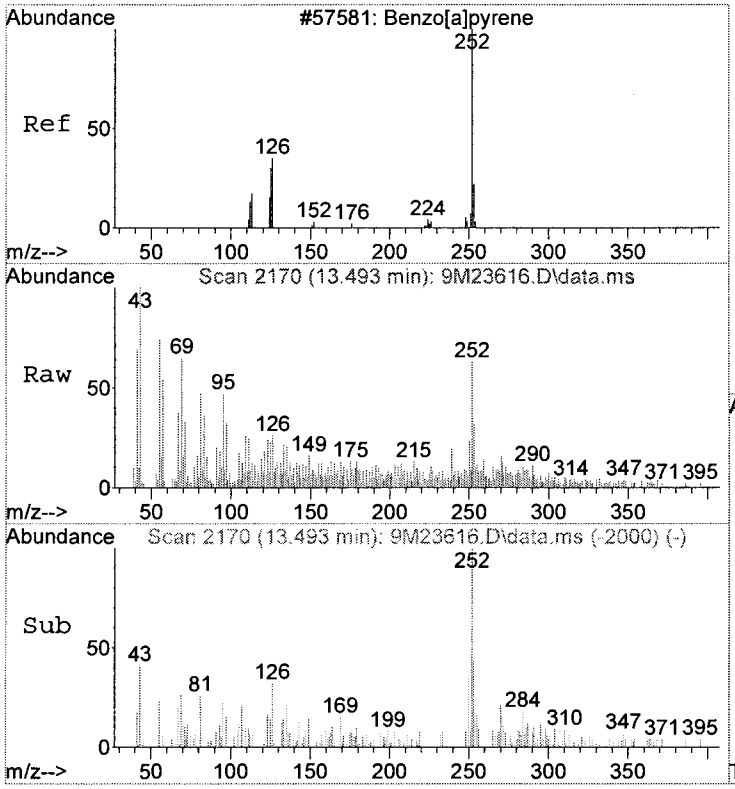


#100
Chrysene
Concen: 6.77 ng
RT: 11.980 min Scan# 1887
Delta R.T. -0.111 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:228 Resp: 16197

Ion	Ratio	Lower	Upper
228	100		
226	36.3	9.5	49.5
229	43.6	0.0	60.2

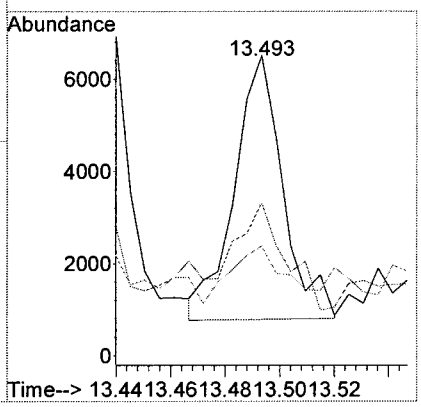


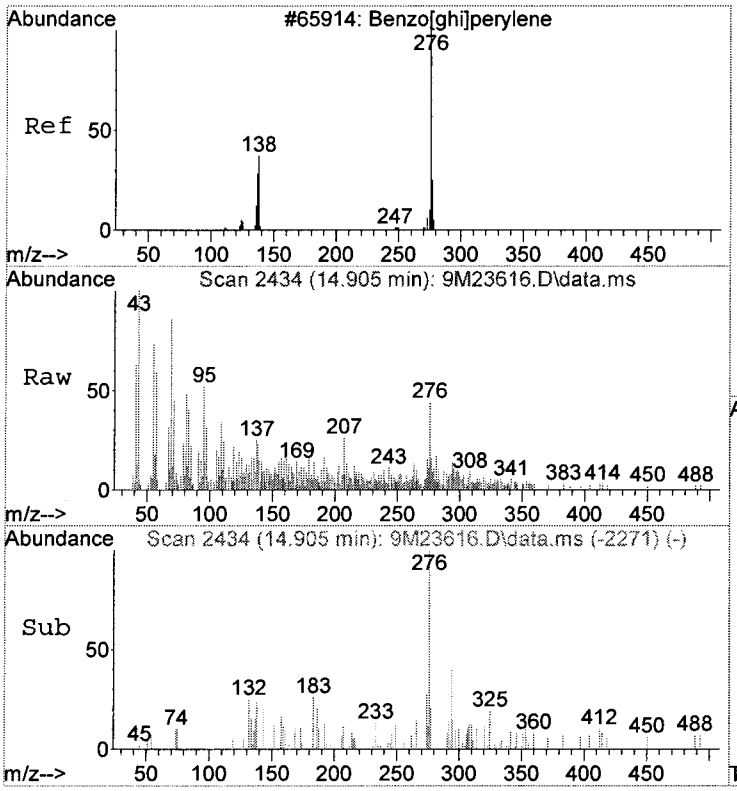


#106
Benzo[a]pyrene
Concen: 3.06 ng
RT: 13.493 min Scan# 2170
Delta R.T. -0.105 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:252 Resp: 7071

Ion	Ratio	Lower	Upper
252	100		
253	40.1	0.0	62.4
125	11.9	0.0	60.9

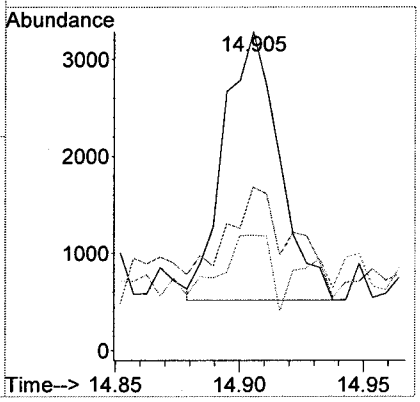




#109
Benzo[g,h,i]perylene
Concen: 2.12 ng
RT: 14.905 min Scan# 2434
Delta R.T. -0.143 min
Lab File: 9M23616.D
Acq: 8 Mar 2010 12:54

Tgt Ion:276 Resp: 4294

Ion	Ratio	Lower	Upper
276	100		
138	48.6	0.0	140.0
277	25.7	0.0	120.0



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23616.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.486	291	299	309	rBV	435267	632670	100.00%	5.917%
2	3.935	379	383	388	rBV2	3456	4563	0.72%	0.043%
3	4.518	487	492	500	rBV3	2168	4005	0.63%	0.037%
4	4.770	535	539	541	rBV2	3813	3454	0.55%	0.032%
5	4.920	565	567	572	rVB3	5257	6380	1.01%	0.060%
6	5.187	614	617	624	rBV	222484	182172	28.79%	1.704%
7	5.326	640	643	650	rVB5	3179	4229	0.67%	0.040%
8	5.406	656	658	661	rBV2	4927	4017	0.63%	0.038%
9	5.508	675	677	680	rVB3	7064	5791	0.92%	0.054%
10	5.540	680	683	685	rBV3	5299	4388	0.69%	0.041%
11	5.599	690	694	695	rBV4	2686	3466	0.55%	0.032%
12	5.620	695	698	700	rVB2	4340	4328	0.68%	0.040%
13	5.674	704	708	711	rVB4	2882	4341	0.69%	0.041%
14	5.733	717	719	722	rVB4	4015	2859	0.45%	0.027%
15	5.813	730	734	738	rVB5	6766	6200	0.98%	0.058%
16	5.845	738	740	745	rVB4	16601	13865	2.19%	0.130%
17	5.893	745	749	751	rBV2	11910	10949	1.73%	0.102%
18	5.936	751	757	759	rBV5	15710	17644	2.79%	0.165%
19	6.000	765	769	770	rBV4	3572	3466	0.55%	0.032%
20	6.037	773	776	780	rBV5	7293	9854	1.56%	0.092%
21	6.091	783	786	789	rBV5	3896	4078	0.64%	0.038%
22	6.139	789	795	798	rBV6	8804	13531	2.14%	0.127%
23	6.160	798	799	801	rBV2	6526	4573	0.72%	0.043%
24	6.214	806	809	812	rBV	352838	239960	37.93%	2.244%
25	6.246	812	815	818	rVB4	14813	13618	2.15%	0.127%
26	6.278	818	821	823	rBV3	21042	17392	2.75%	0.163%
27	6.321	827	829	830	rVB2	5089	3230	0.51%	0.030%
28	6.342	830	833	835	rBV4	11232	11727	1.85%	0.110%
29	6.374	837	839	842	rVB4	14830	13719	2.17%	0.128%
30	6.406	842	845	848	rBV5	8213	12598	1.99%	0.118%
31	6.433	848	850	853	rVB3	18078	16016	2.53%	0.150%
32	6.460	853	855	857	rBV3	6131	5761	0.91%	0.054%
33	6.503	857	863	864	rBV6	8695	9613	1.52%	0.090%
34	6.529	864	868	869	rVB4	6389	3827	0.60%	0.036%
35	6.556	869	873	877	rBV6	27600	36770	5.81%	0.344%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

36	6.588	877	879	881	rBV3	10539	6594	1.04%	0.062%
37	6.620	881	885	891	rVB8	25282	41620	6.58%	0.389%
38	6.679	891	896	899	rBV5	20565	27431	4.34%	0.257%
39	6.733	901	906	910	rVB8	17340	30335	4.79%	0.284%
40	6.765	910	912	914	rBV2	12552	8337	1.32%	0.078%
41	6.786	914	916	919	rBV4	7195	6581	1.04%	0.062%
42	6.813	919	921	922	rVV2	10739	7130	1.13%	0.067%
43	6.829	922	924	928	rVB5	8600	11106	1.76%	0.104%
44	6.872	930	932	934	rVB3	10063	6776	1.07%	0.063%
45	6.899	934	937	939	rVB3	14358	11773	1.86%	0.110%
46	6.920	939	941	943	rBV3	9692	6472	1.02%	0.061%
47	6.952	944	947	949	rBV3	22878	17563	2.78%	0.164%
48	6.984	949	953	956	rVV5	16918	26484	4.19%	0.248%
49	7.022	956	960	962	rVV5	8171	12596	1.99%	0.118%
50	7.043	962	964	966	rVB3	4370	3445	0.54%	0.032%
51	7.086	969	972	975	rVB5	20021	15226	2.41%	0.142%
52	7.129	975	980	983	rBV4	20117	23554	3.72%	0.220%
53	7.150	983	984	986	rVB2	5676	3020	0.48%	0.028%
54	7.177	986	989	993	rVB6	33968	32009	5.06%	0.299%
55	7.203	993	994	996	rBV2	8455	7056	1.12%	0.066%
56	7.230	996	999	1001	rBV4	13065	15758	2.49%	0.147%
57	7.252	1001	1003	1006	rVV4	17830	17493	2.76%	0.164%
58	7.284	1006	1009	1011	rVV3	10886	10327	1.63%	0.097%
59	7.316	1011	1015	1017	rBV5	30281	28774	4.55%	0.269%
60	7.337	1017	1019	1021	rVV3	22033	17954	2.84%	0.168%
61	7.375	1021	1026	1027	rVV4	38746	46966	7.42%	0.439%
62	7.385	1027	1028	1030	rVV2	47806	32154	5.08%	0.301%
63	7.407	1030	1032	1035	rVV4	13761	13061	2.06%	0.122%
64	7.444	1035	1039	1043	rVV3	65785	74904	11.84%	0.701%
65	7.482	1043	1046	1049	rVB5	28630	30948	4.89%	0.289%
66	7.508	1049	1051	1052	rBV2	7475	4661	0.74%	0.044%
67	7.556	1053	1060	1064	rBV	387090	336812	53.24%	3.150%
68	7.583	1064	1065	1068	rVV3	26722	28999	4.58%	0.271%
69	7.610	1068	1070	1073	rVB4	26907	24182	3.82%	0.226%
70	7.658	1074	1079	1081	rVV	60986	72100	11.40%	0.674%
71	7.685	1081	1084	1087	rVV3	40814	39487	6.24%	0.369%
72	7.728	1087	1092	1096	rVV4	61667	90834	14.36%	0.850%
73	7.765	1096	1099	1102	rVV	70435	68053	10.76%	0.636%
74	7.792	1102	1104	1108	rVB5	33696	34874	5.51%	0.326%
75	7.835	1108	1112	1114	rBV	89232	90602	14.32%	0.847%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

76	7.856	1114	1116	1118	rVV2	37433	32609	5.15%	0.305%
77	7.872	1118	1119	1122	rVB3	17661	9941	1.57%	0.093%
78	7.904	1122	1125	1128	rBV3	84564	100841	15.94%	0.943%
79	7.925	1128	1129	1132	rVB2	62730	45300	7.16%	0.424%
80	7.958	1132	1135	1137	rBV4	12918	13797	2.18%	0.129%
81	7.990	1137	1141	1144	rVB6	44177	39401	6.23%	0.368%
82	8.032	1145	1149	1151	rBV3	68496	67221	10.62%	0.629%
83	8.059	1151	1154	1156	rBV2	52052	57265	9.05%	0.536%
84	8.081	1156	1158	1159	rBV2	9293	7671	1.21%	0.072%
85	8.091	1159	1160	1162	rVB	37056	21267	3.36%	0.199%
86	8.113	1162	1164	1167	rVB2	44716	39347	6.22%	0.368%
87	8.139	1167	1169	1174	rBV4	52274	62593	9.89%	0.585%
88	8.177	1174	1176	1178	rBV2	30110	32909	5.20%	0.308%
89	8.220	1182	1184	1186	rBV3	31194	30465	4.82%	0.285%
90	8.262	1186	1192	1195	rVB5	47242	76154	12.04%	0.712%
91	8.300	1195	1199	1205	rBV5	50300	72753	11.50%	0.680%
92	8.343	1205	1207	1209	rBV3	29309	31068	4.91%	0.291%
93	8.385	1212	1215	1217	rVB3	65094	55153	8.72%	0.516%
94	8.455	1223	1228	1230	rBV3	63102	69016	10.91%	0.645%
95	8.476	1230	1232	1233	rVV2	28286	20432	3.23%	0.191%
96	8.492	1233	1235	1238	rVB4	19259	23173	3.66%	0.217%
97	8.551	1240	1246	1249	rBV7	57678	91663	14.49%	0.857%
98	8.583	1249	1252	1254	rBV3	38831	42580	6.73%	0.398%
99	8.631	1259	1261	1265	rVB3	38516	40636	6.42%	0.380%
100	8.669	1265	1268	1269	rBV3	23213	20484	3.24%	0.192%
101	8.685	1269	1271	1272	rVV2	34473	26819	4.24%	0.251%
102	8.701	1272	1274	1277	rVB3	48863	44036	6.96%	0.412%
103	8.754	1282	1284	1286	rBV3	16432	15685	2.48%	0.147%
104	8.803	1289	1293	1294	rBV4	30876	27856	4.40%	0.261%
105	8.851	1301	1302	1311	rVB9	44009	92395	14.60%	0.864%
106	8.942	1312	1319	1323	rBV	335103	340697	53.85%	3.186%
107	8.974	1323	1325	1326	rVV2	16353	12652	2.00%	0.118%
108	9.006	1326	1331	1332	rVV5	37830	53734	8.49%	0.503%
109	9.022	1332	1334	1338	rVB2	50785	42170	6.67%	0.394%
110	9.070	1338	1343	1345	rBV2	62704	85022	13.44%	0.795%
111	9.097	1345	1348	1350	rVV4	56304	66020	10.44%	0.617%
112	9.118	1350	1352	1358	rVV4	36573	66261	10.47%	0.620%
113	9.161	1358	1360	1363	rVV3	23561	25973	4.11%	0.243%
114	9.198	1363	1367	1370	rVV4	29718	41295	6.53%	0.386%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	9.225	1370	1372	1373	rVB2	15446	10019	1.58%	0.094%
116	9.252	1375	1377	1380	rVB4	11976	10900	1.72%	0.102%
117	9.289	1380	1384	1388	rVB2	85610	96223	15.21%	0.900%
118	9.327	1388	1391	1394	rBV5	30300	34791	5.50%	0.325%
119	9.348	1394	1395	1398	rVB3	17773	12586	1.99%	0.118%
120	9.380	1398	1401	1406	rBV2	40815	53995	8.53%	0.505%
121	9.423	1406	1409	1411	rBV3	13260	16527	2.61%	0.155%
122	9.482	1415	1420	1429	rVB6	59141	128434	20.30%	1.201%
123	9.562	1432	1435	1438	rBV	54714	57872	9.15%	0.541%
124	9.610	1438	1444	1452	rVB8	72152	157522	24.90%	1.473%
125	9.701	1457	1461	1463	rBV4	29279	34213	5.41%	0.320%
126	9.739	1464	1468	1473	rVB	75657	86454	13.66%	0.809%
127	9.781	1473	1476	1477	rBV3	12115	11431	1.81%	0.107%
128	9.803	1477	1480	1483	rVV2	59674	75623	11.95%	0.707%
129	9.830	1483	1485	1490	rVB4	62539	92082	14.55%	0.861%
130	9.888	1494	1496	1499	rBV	28209	24515	3.87%	0.229%
131	9.926	1499	1503	1505	rVV4	35418	43632	6.90%	0.408%
132	9.953	1505	1508	1510	rVV3	57282	57346	9.06%	0.536%
133	9.979	1510	1513	1516	rVV2	162990	163313	25.81%	1.527%
134	10.011	1516	1519	1522	rVV2	58962	74356	11.75%	0.695%
135	10.038	1522	1524	1530	rVB	54656	56745	8.97%	0.531%
136	10.097	1530	1535	1538	rBV	196561	238937	37.77%	2.235%
137	10.124	1538	1540	1544	rVV4	89923	96882	15.31%	0.906%
138	10.161	1544	1547	1549	rVB3	49232	45985	7.27%	0.430%
139	10.193	1549	1553	1557	rBV4	73956	97696	15.44%	0.914%
140	10.241	1557	1562	1565	rBV	58545	77830	12.30%	0.728%
141	10.306	1570	1574	1576	rBV5	40867	48905	7.73%	0.457%
142	10.338	1576	1580	1584	rVV3	76419	100481	15.88%	0.940%
143	10.370	1584	1586	1588	rVV3	16796	15291	2.42%	0.143%
144	10.391	1588	1590	1593	rVB5	21632	21271	3.36%	0.199%
145	10.418	1593	1595	1597	rBV3	27882	23958	3.79%	0.224%
146	10.434	1597	1598	1600	rVB2	17699	6998	1.11%	0.065%
147	10.466	1600	1604	1606	rBV4	43694	62597	9.89%	0.585%
148	10.493	1606	1609	1611	rVV3	49173	56818	8.98%	0.531%
149	10.525	1611	1615	1621	rVV	107509	140238	22.17%	1.312%
150	10.573	1621	1624	1629	rVB	76108	93068	14.71%	0.870%
151	10.621	1629	1633	1637	rBV2	123675	150590	23.80%	1.408%
152	10.680	1641	1644	1646	rBV3	41301	37804	5.98%	0.354%
153	10.701	1646	1648	1650	rVV3	21813	22900	3.62%	0.214%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

154	10.723	1650	1652	1662	rVB10	55688	114299	18.07%	1.069%
155	10.787	1662	1664	1667	rBV4	40572	51899	8.20%	0.485%
156	10.867	1676	1679	1681	rBV4	18526	21411	3.38%	0.200%
157	10.921	1683	1689	1695	rVB9	60097	127452	20.15%	1.192%
158	10.980	1695	1700	1702	rBV6	33771	51962	8.21%	0.486%
159	11.001	1702	1704	1706	rVV3	23316	16179	2.56%	0.151%
160	11.038	1708	1711	1714	rBV2	76291	74014	11.70%	0.692%
161	11.065	1714	1716	1721	rVB6	28458	35471	5.61%	0.332%
162	11.113	1722	1725	1727	rVB3	29683	29208	4.62%	0.273%
163	11.145	1727	1731	1735	rBV2	84916	90441	14.30%	0.846%
164	11.177	1735	1737	1744	rVB2	69911	80929	12.79%	0.757%
165	11.247	1744	1750	1754	rBV4	48787	94284	14.90%	0.882%
166	11.274	1754	1755	1757	rVB2	16984	9262	1.46%	0.087%
167	11.300	1758	1760	1765	rVB6	18780	19982	3.16%	0.187%
168	11.333	1765	1766	1769	rBV3	9805	10953	1.73%	0.102%
169	11.365	1769	1772	1773	rBV3	17086	12763	2.02%	0.119%
170	11.418	1777	1782	1783	rBV4	22914	34582	5.47%	0.323%
171	11.450	1786	1788	1793	rVB6	25260	24344	3.85%	0.228%
172	11.498	1794	1797	1801	rVV5	41435	59229	9.36%	0.554%
173	11.530	1801	1803	1808	rVB6	33742	38101	6.02%	0.356%
174	11.573	1808	1811	1813	rBV4	34722	32732	5.17%	0.306%
175	11.595	1813	1815	1818	rVB	37656	32721	5.17%	0.306%
176	11.637	1819	1823	1826	rVV2	57685	77745	12.29%	0.727%
177	11.664	1826	1828	1833	rVB4	47560	42022	6.64%	0.393%
178	11.728	1835	1840	1846	rBV9	35424	74598	11.79%	0.698%
179	11.776	1846	1849	1852	rVB5	37570	37787	5.97%	0.353%
180	11.814	1852	1856	1861	rVB8	25170	32175	5.09%	0.301%
181	11.846	1861	1862	1864	rBV2	13315	9346	1.48%	0.087%
182	11.878	1864	1868	1870	rBV5	19532	28381	4.49%	0.265%
183	11.948	1874	1881	1885	rBV	214314	269936	42.67%	2.525%
184	11.980	1885	1887	1891	rVB2	38787	35274	5.58%	0.330%
185	12.028	1894	1896	1899	rBV3	20447	16005	2.53%	0.150%
186	12.060	1899	1902	1907	rVB6	44840	56684	8.96%	0.530%
187	12.108	1907	1911	1913	rBV5	21836	24091	3.81%	0.225%
188	12.151	1915	1919	1925	rVB9	34936	55440	8.76%	0.518%
189	12.188	1925	1926	1929	rVB3	13247	8827	1.40%	0.083%
190	12.215	1929	1931	1932	rBV2	9252	7614	1.20%	0.071%
191	12.242	1932	1936	1938	rBV5	15931	17059	2.70%	0.160%
192	12.301	1944	1947	1950	rBV5	29462	31280	4.94%	0.293%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

193	12.381	1958	1962	1964	rBV5	25075	32097	5.07%	0.300%
194	12.402	1964	1966	1968	rVV3	27356	30420	4.81%	0.284%
195	12.424	1968	1970	1974	rVB3	45087	45857	7.25%	0.429%
196	12.461	1975	1977	1980	rVV2	33397	31511	4.98%	0.295%
197	12.504	1980	1985	1987	rVV6	23768	30795	4.87%	0.288%
198	12.541	1988	1992	1994	rVB5	22235	26895	4.25%	0.252%
199	12.573	1994	1998	2002	rBV7	25372	39574	6.26%	0.370%
200	12.702	2019	2022	2024	rBV4	18352	20034	3.17%	0.187%
201	12.723	2024	2026	2029	rVV3	16559	20256	3.20%	0.189%
202	12.836	2043	2047	2049	rBV5	33814	38944	6.16%	0.364%
203	12.852	2049	2050	2054	rVB4	24570	20304	3.21%	0.190%
204	12.894	2054	2058	2060	rBV5	24583	28975	4.58%	0.271%
205	12.932	2061	2065	2069	rVB4	44176	49554	7.83%	0.463%
206	12.969	2070	2072	2075	rVB4	19891	18005	2.85%	0.168%
207	13.007	2075	2079	2081	rBV4	23794	28265	4.47%	0.264%
208	13.039	2083	2085	2087	rVB3	20519	11040	1.74%	0.103%
209	13.124	2098	2101	2103	rBV4	23293	27554	4.36%	0.258%
210	13.146	2103	2105	2108	rVV4	16763	19823	3.13%	0.185%
211	13.215	2116	2118	2122	rVV4	12588	13251	2.09%	0.124%
212	13.247	2122	2124	2128	rVB5	20623	18384	2.91%	0.172%
213	13.333	2136	2140	2144	rVB7	20231	27247	4.31%	0.255%
214	13.386	2146	2150	2153	rBV6	23412	33074	5.23%	0.309%
215	13.413	2153	2155	2156	rVV2	17679	8304	1.31%	0.078%
216	13.435	2156	2159	2161	rVV4	19761	16028	2.53%	0.150%
217	13.493	2167	2170	2175	rVB6	25305	32748	5.18%	0.306%
218	13.547	2176	2180	2184	rBV2	215291	230938	36.50%	2.160%
219	13.798	2225	2227	2229	rBV3	12587	13084	2.07%	0.122%
220	13.820	2229	2231	2233	rVV3	21854	19649	3.11%	0.184%
221	13.846	2233	2236	2244	rVB8	42498	60839	9.62%	0.569%
222	13.921	2246	2250	2252	rBV5	17610	22268	3.52%	0.208%
223	13.991	2262	2263	2265	rVB2	23119	10069	1.59%	0.094%
224	14.039	2271	2272	2274	rBV2	14044	9116	1.44%	0.085%
225	14.087	2276	2281	2285	rBV8	40156	57380	9.07%	0.537%
226	14.130	2288	2289	2293	rVB4	14876	12188	1.93%	0.114%
227	14.178	2296	2298	2300	rBV3	14594	14368	2.27%	0.134%
228	14.210	2300	2304	2306	rVV5	14349	18970	3.00%	0.177%
229	14.381	2332	2336	2339	rVB6	41867	52938	8.37%	0.495%
230	14.504	2357	2359	2361	rVB3	10817	6176	0.98%	0.058%
231	14.750	2404	2405	2408	rBV3	15459	13365	2.11%	0.125%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

232	14.777	2408	2410	2413	rVB4	13005	10863	1.72%	0.102%
233	14.900	2430	2433	2437	rVB6	19229	27708	4.38%	0.259%
234	14.954	2440	2443	2445	rBV4	19054	22014	3.48%	0.206%
235	15.012	2451	2454	2457	rBV5	12566	12735	2.01%	0.119%
236	15.226	2493	2494	2496	rBV2	7590	6125	0.97%	0.057%
237	15.248	2496	2498	2499	rVB2	12217	6958	1.10%	0.065%
238	15.269	2499	2502	2503	rBV3	8192	7972	1.26%	0.075%
239	15.307	2507	2509	2512	rBV4	11656	11177	1.77%	0.105%
240	15.430	2530	2532	2533	rVB2	9029	4067	0.64%	0.038%
241	15.526	2548	2550	2554	rVB5	24470	23424	3.70%	0.219%
242	15.788	2594	2599	2601	rVB6	12030	15985	2.53%	0.149%
243	15.809	2601	2603	2605	rBV3	8310	6606	1.04%	0.062%
244	15.831	2605	2607	2610	rVV4	9363	8072	1.28%	0.075%
245	16.077	2652	2653	2655	rVB2	12707	5757	0.91%	0.054%
246	16.114	2658	2660	2662	rBV3	5339	4941	0.78%	0.046%
247	16.146	2664	2666	2669	rBV4	8052	7006	1.11%	0.066%
248	16.264	2686	2688	2691	rVB4	8398	6339	1.00%	0.059%
249	16.424	2716	2718	2720	rVB3	9512	7757	1.23%	0.073%

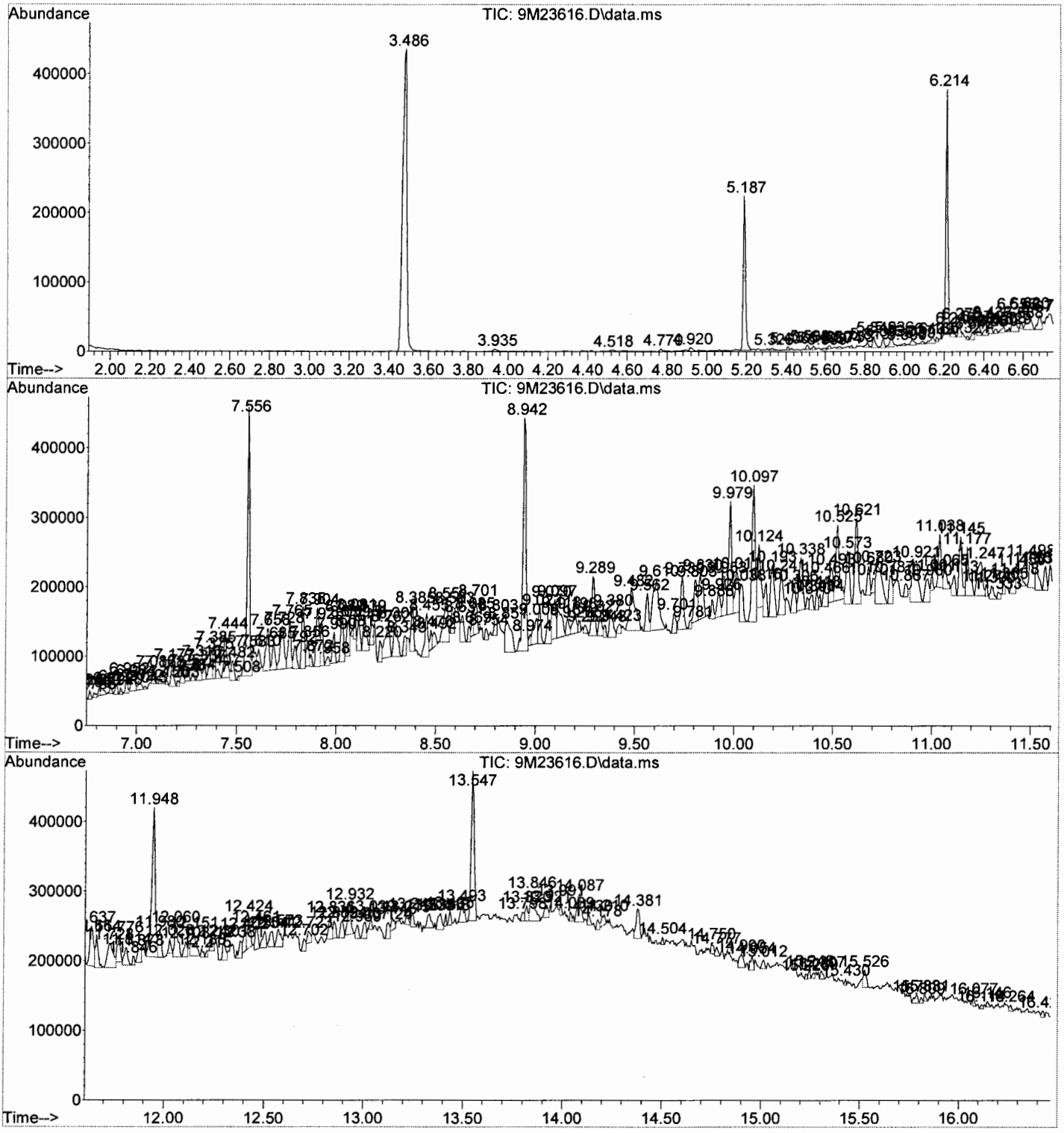
Sum of corrected areas: 10692562

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

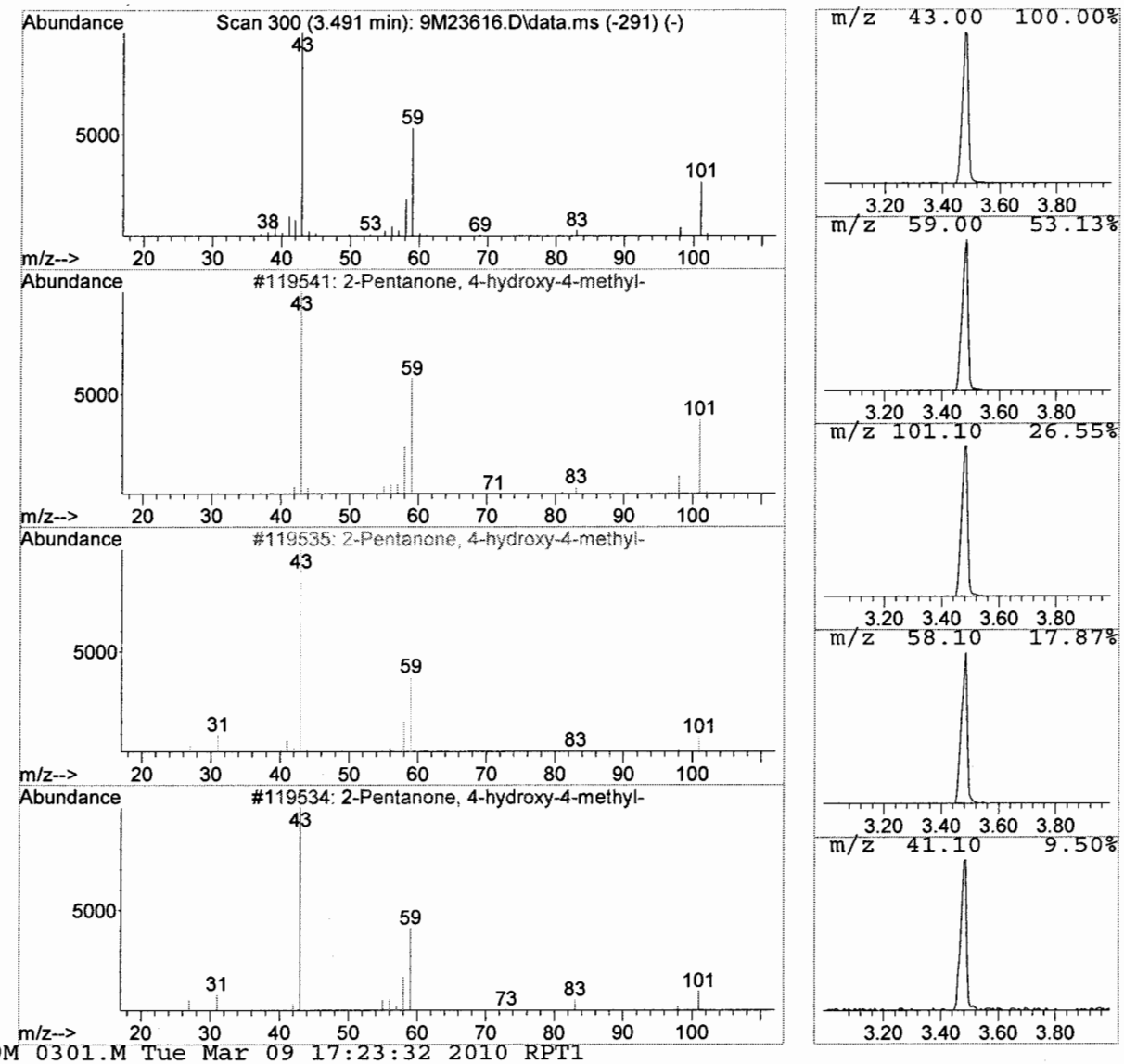
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	137.96 ng	632670	LibIS-1,4-Dichlorobenzene-d4	5.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

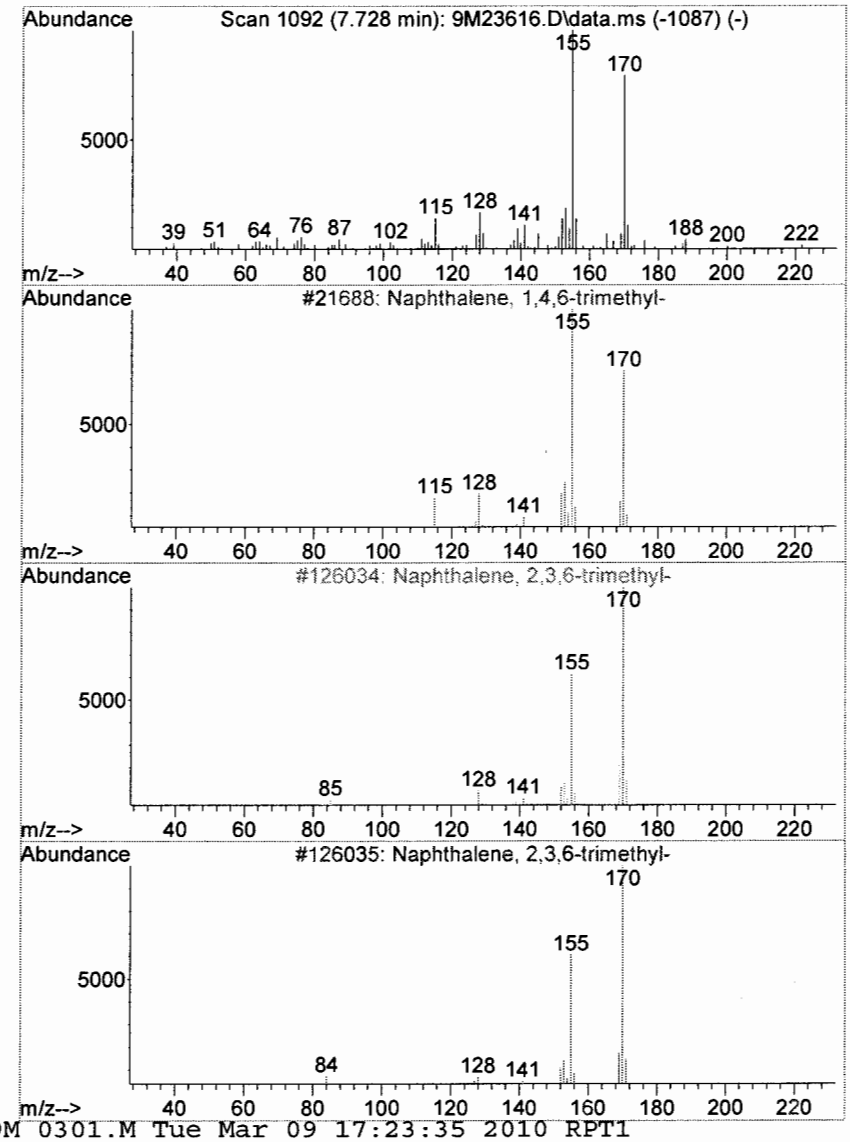
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

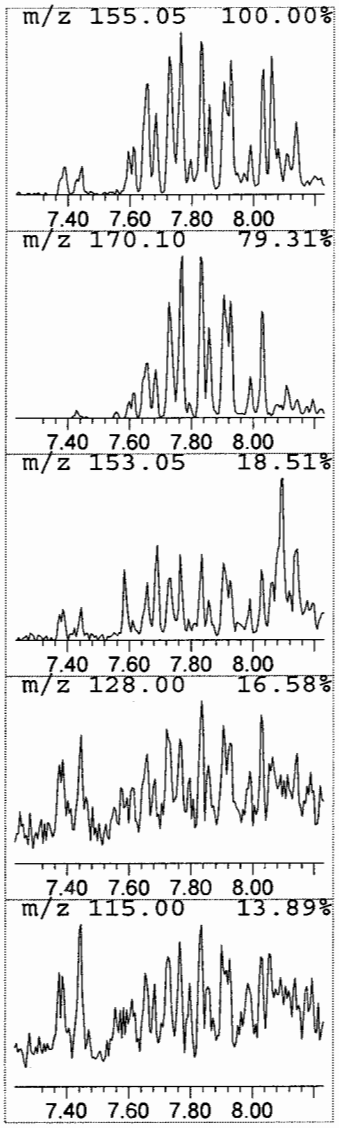
****

Peak Number 2 Naphthalene, 1,4,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	9.89 ng	90834	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

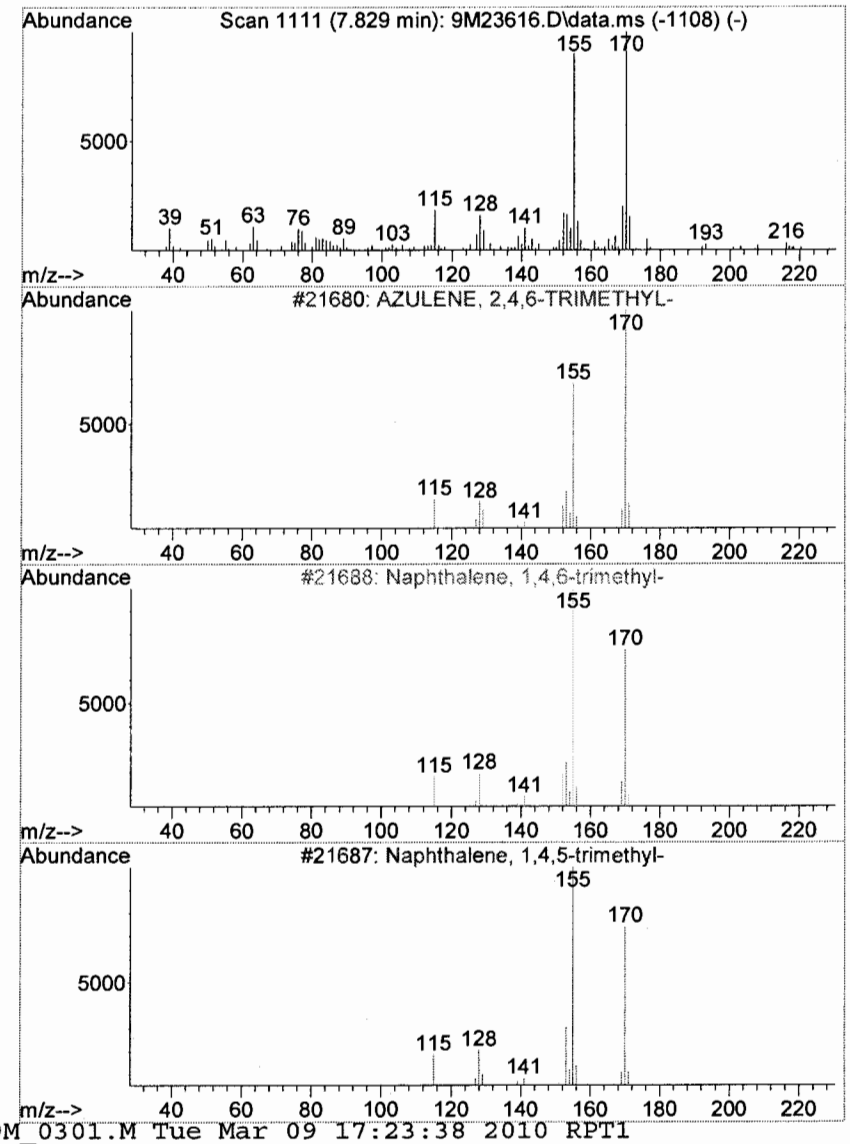
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

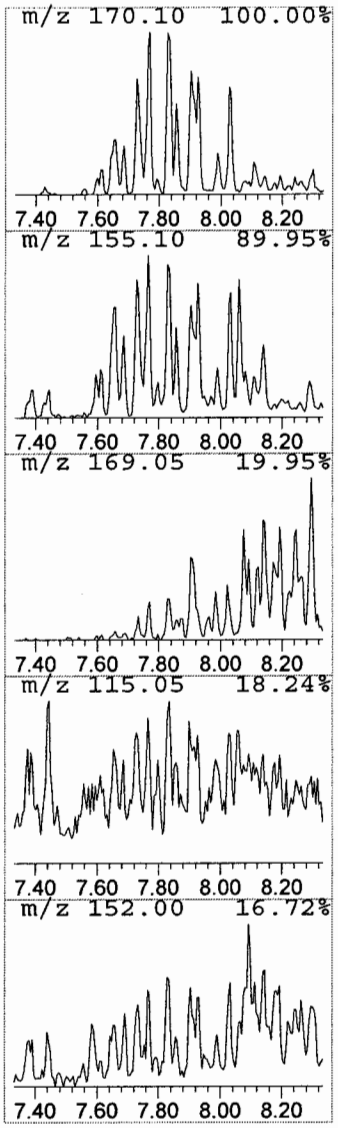
****

Peak Number 3 Naphthalene, 1,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	9.87 ng	90602	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	AZULENE, 2,4,6-TRIMETHYL-	170	C13H14	000000-00-0	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

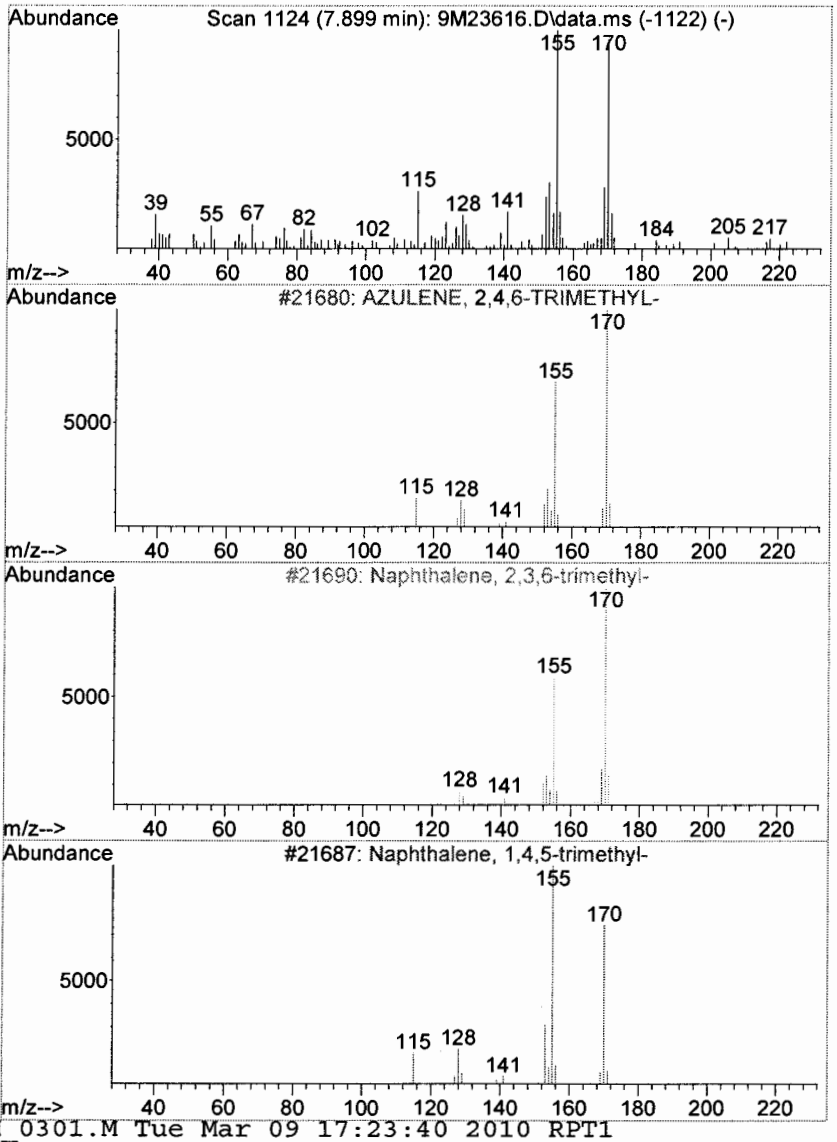
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

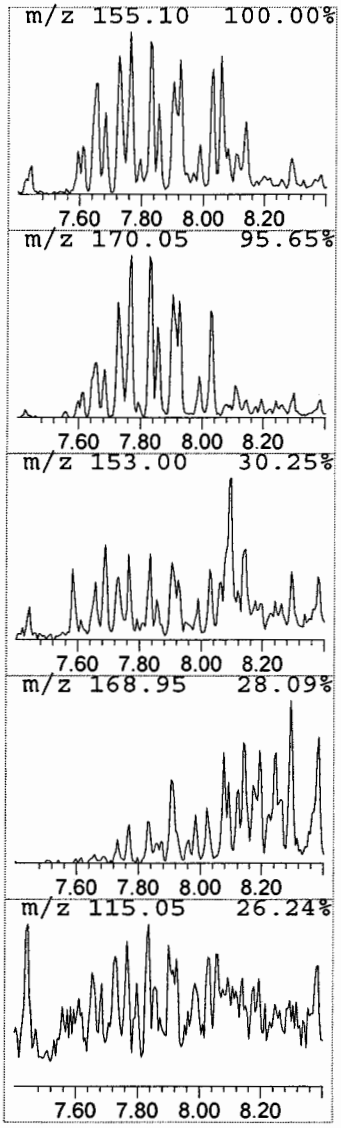
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	10.98 ng	100841	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	AZULENE, 2,4,6-TRIMETHYL-	170	C13H14	000000-00-0	81
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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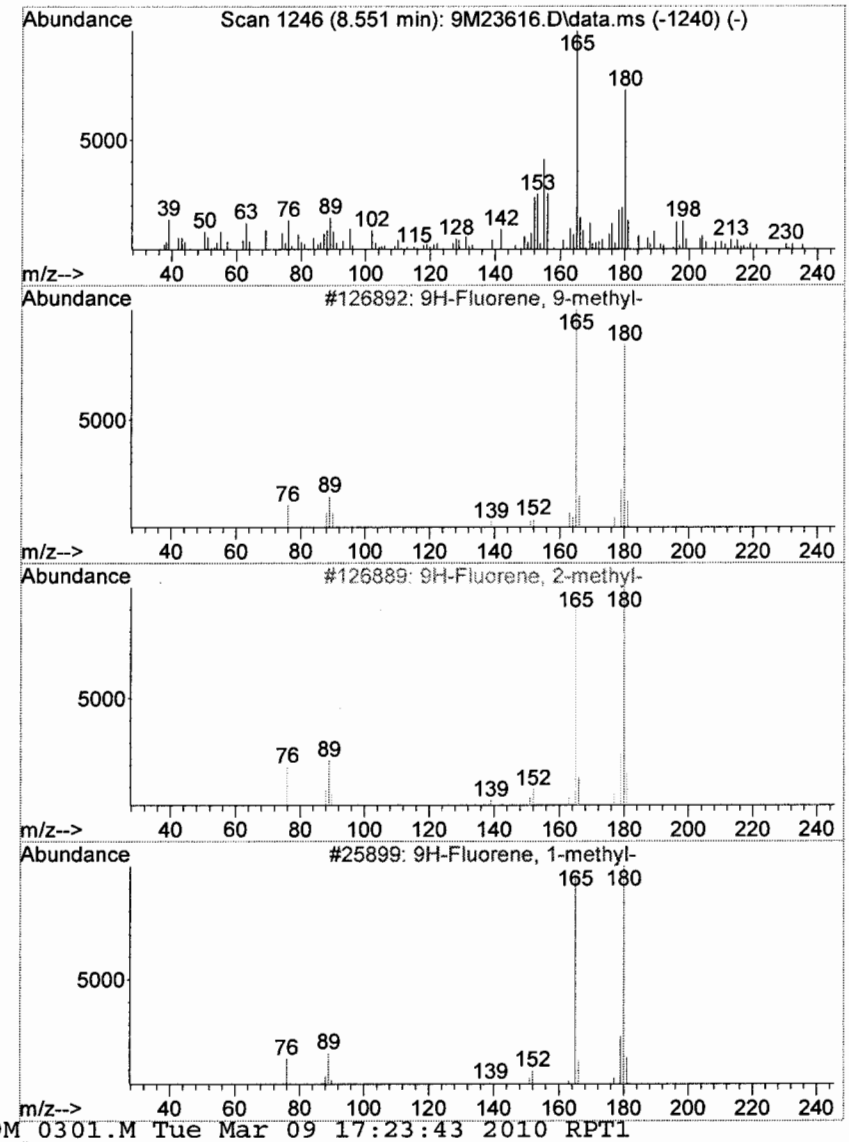
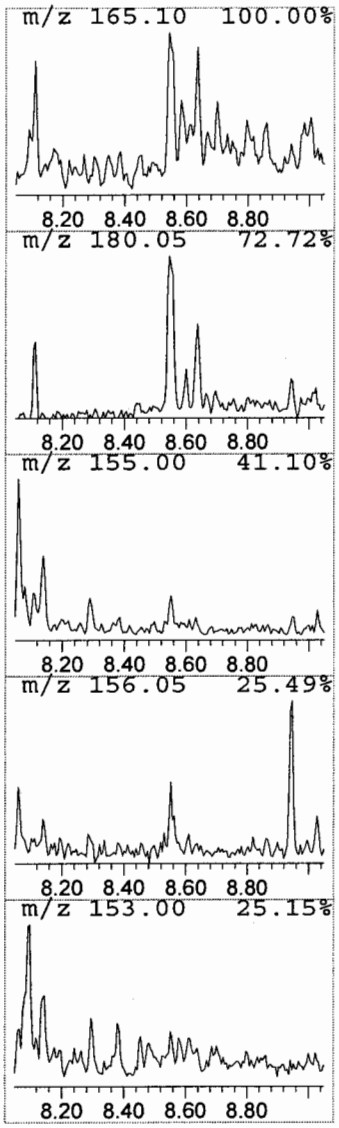
Peak Number 5 9H-Fluorene, 9-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	10.37 ng	91663	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50





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Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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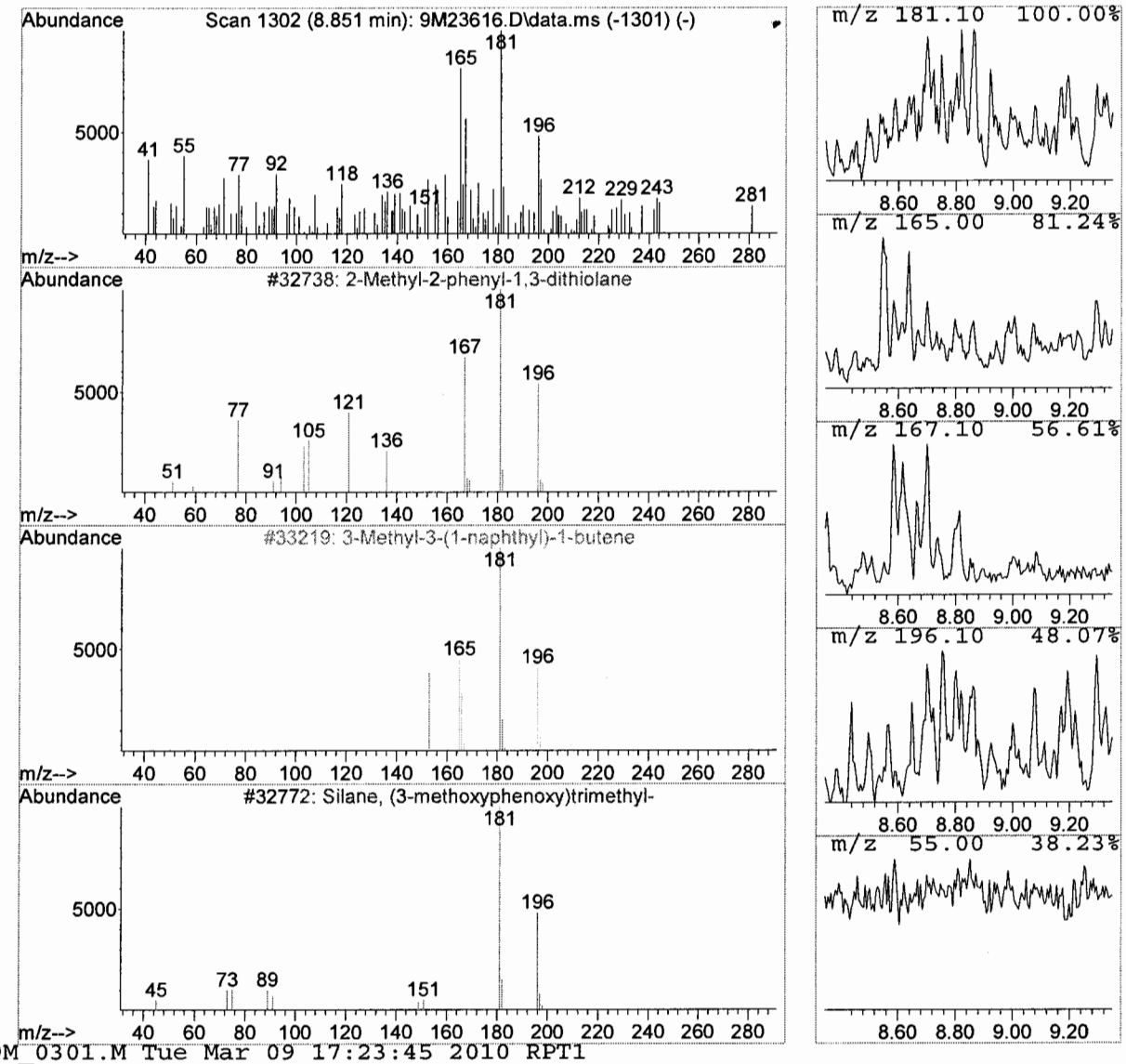
Peak Number 6 unknown Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	10.45 ng	92395	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-phenyl-1,3-dithiolane	196	C10H12S2	005769-02-8	43
2	3-Methyl-3-(1-naphthyl)-1-butene	196	C15H16	081060-89-1	35
3	Silane, (3-methoxyphenoxy)trimet...	196	C10H16O2Si	033285-71-1	22
4	L-Cysteine, S-(diphenylmethyl)-	287	C16H17NO2S	005191-80-0	22
5	2-Hydroxy-4,5-dimethoxyacetophenone	196	C10H12O4	020628-06-2	22



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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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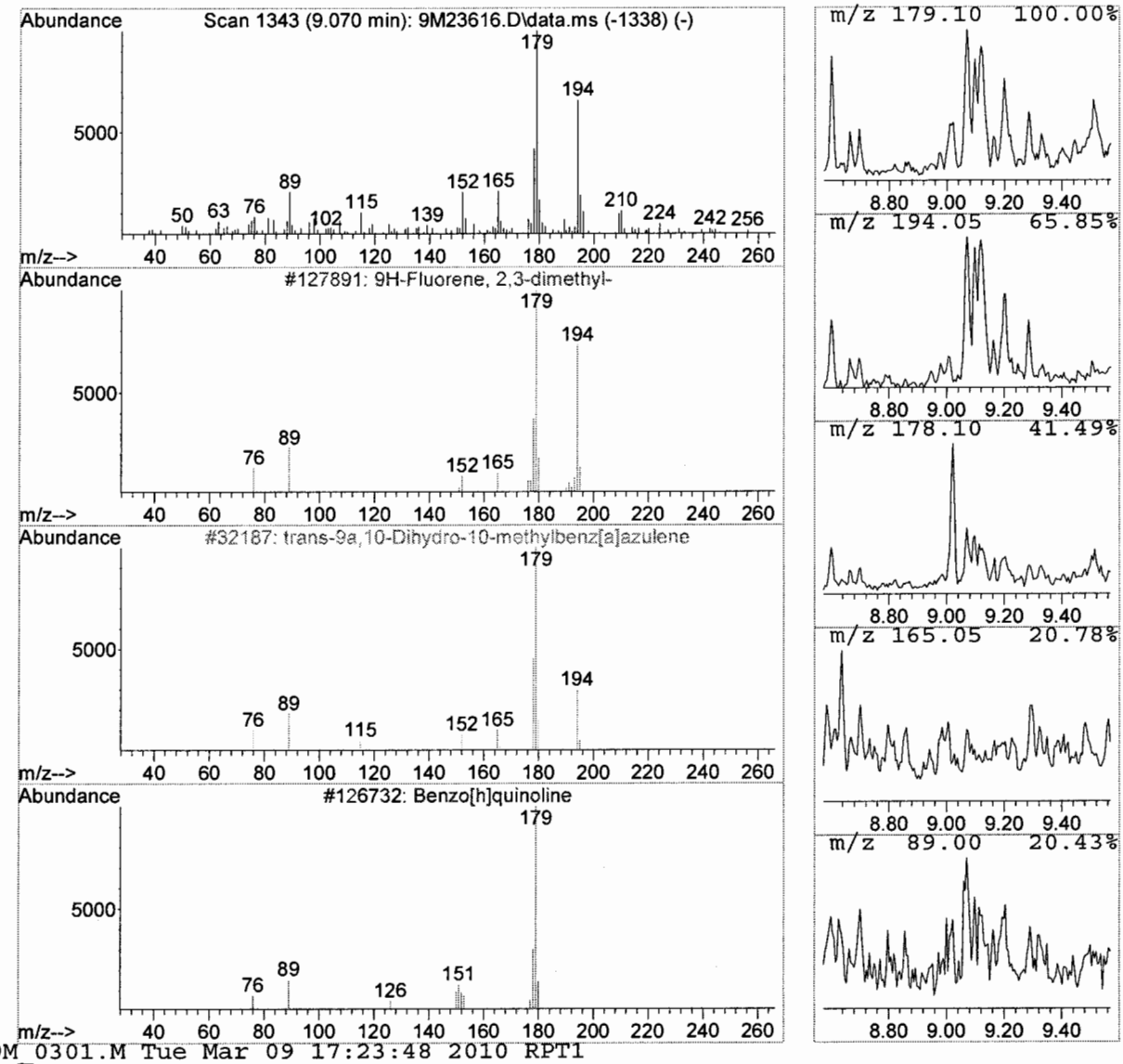
Peak Number 7 9H-Fluorene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	9.62 ng	85022	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
2	trans-9a,10-Dihydro-10-methylben...	194	C15H14	069139-17-9	53
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	46
4	9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	46
5	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	43



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Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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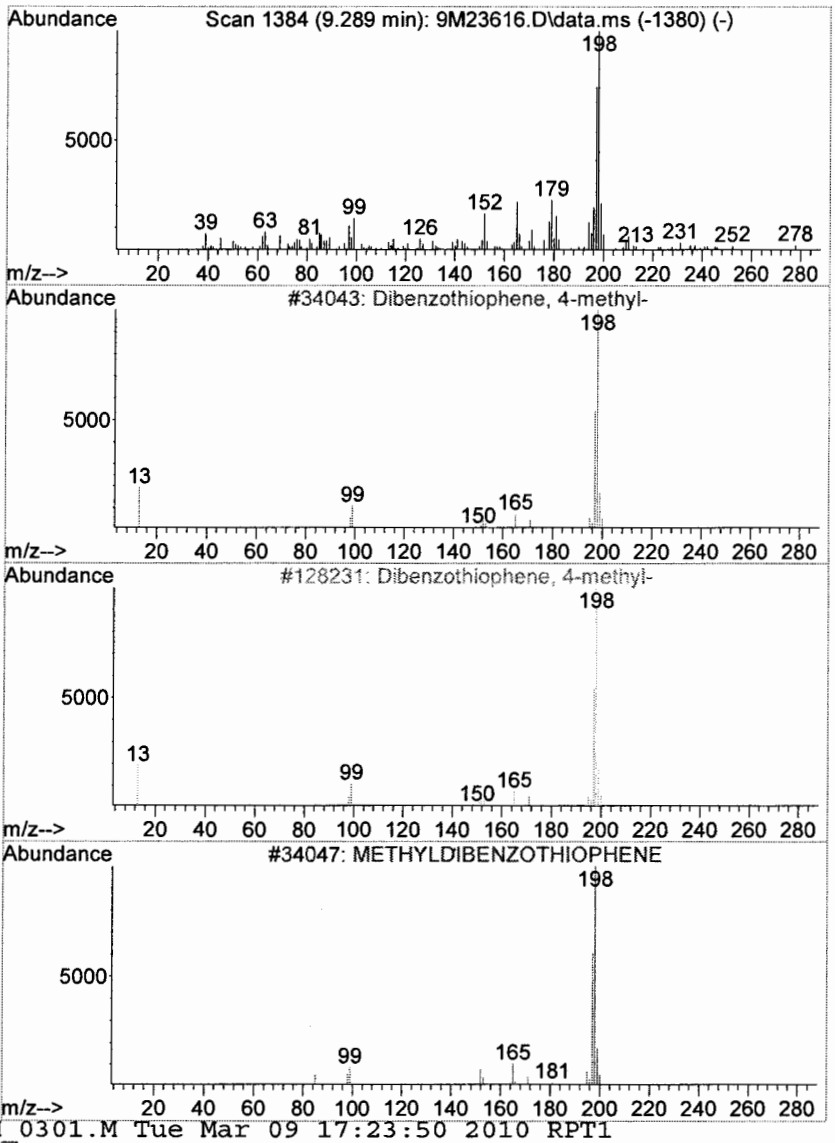
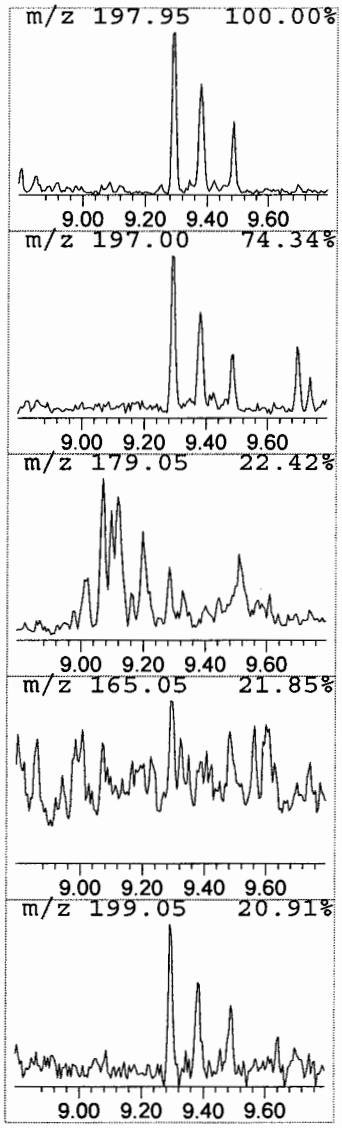
Peak Number 8 Dibenzothiophene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.88 ng	96223	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	76
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
5	2-Methylnaphtho[2,1-b]thiophene	198	C13H10S	016587-35-2	58





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ALS Vial : 8 Sample Multiplier: 1

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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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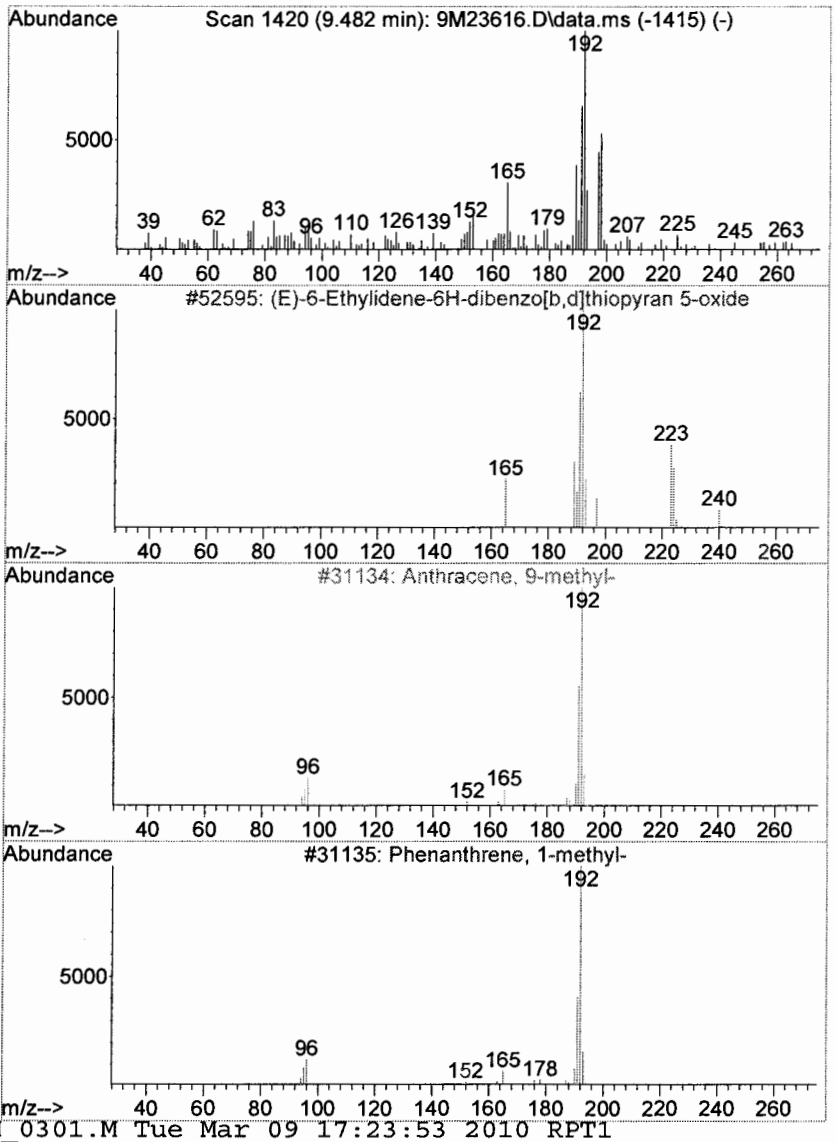
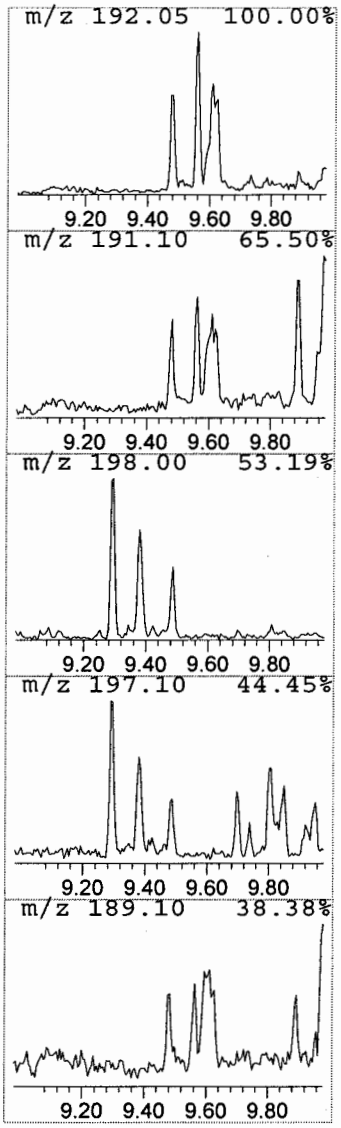
Peak Number 9 (E)-6-Ethylidene-6H-dibenzo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	14.52 ng	128434	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-6-Ethylidene-6H-dibenzo[b,d]...	240	C15H12OS	087221-28-1	53
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
5	9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	45





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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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Peak Number 10 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	17.81 ng	157522	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHYL-PHENANTHRENE OR METHYL-AN...	192	C15H12	000610-48-0	42
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	30
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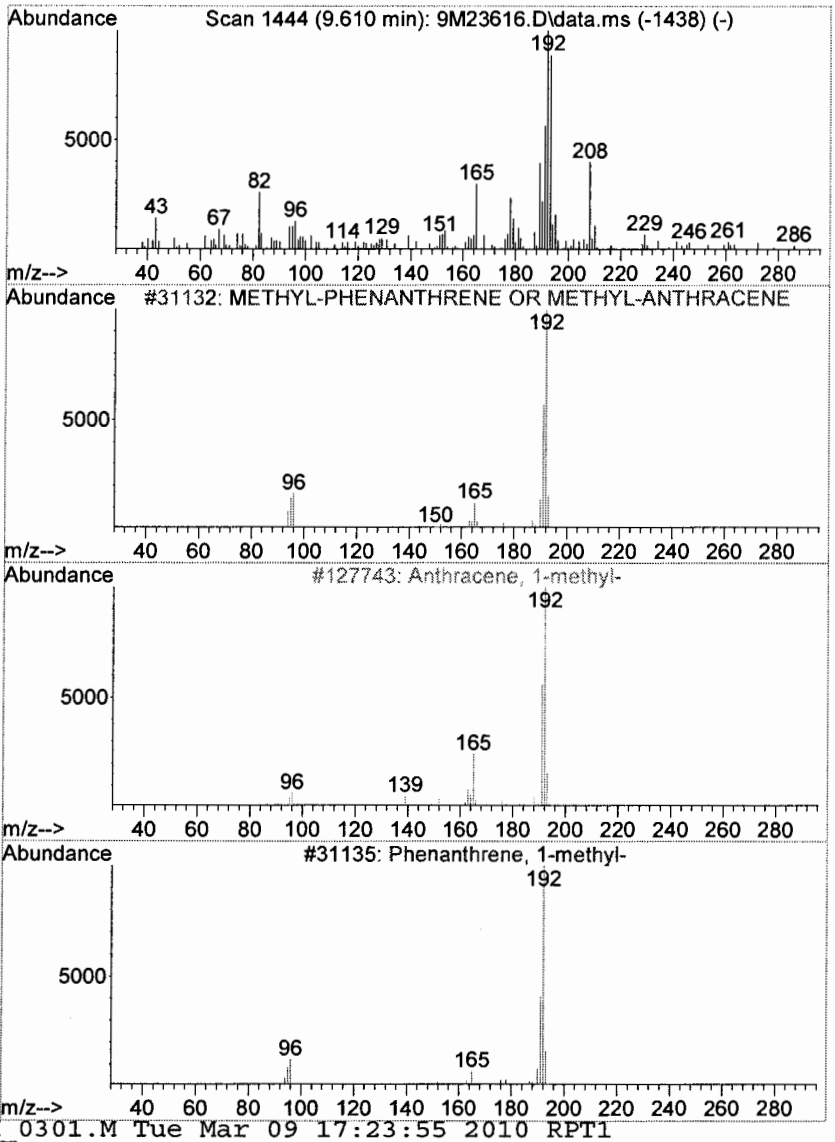

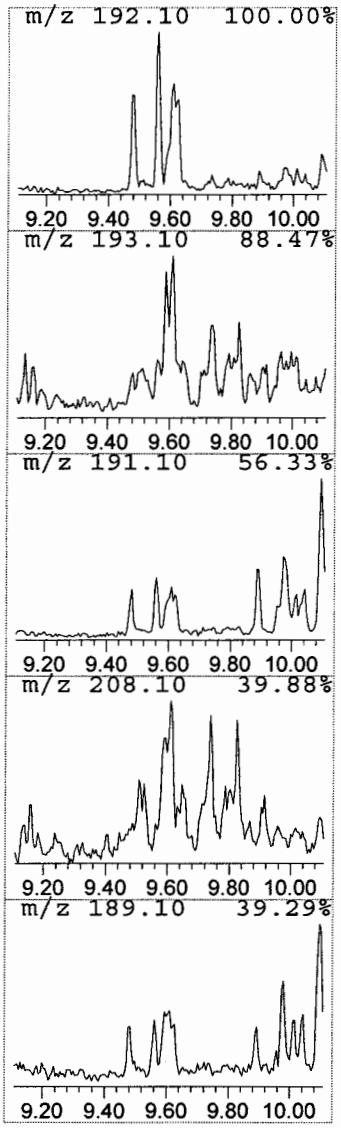

Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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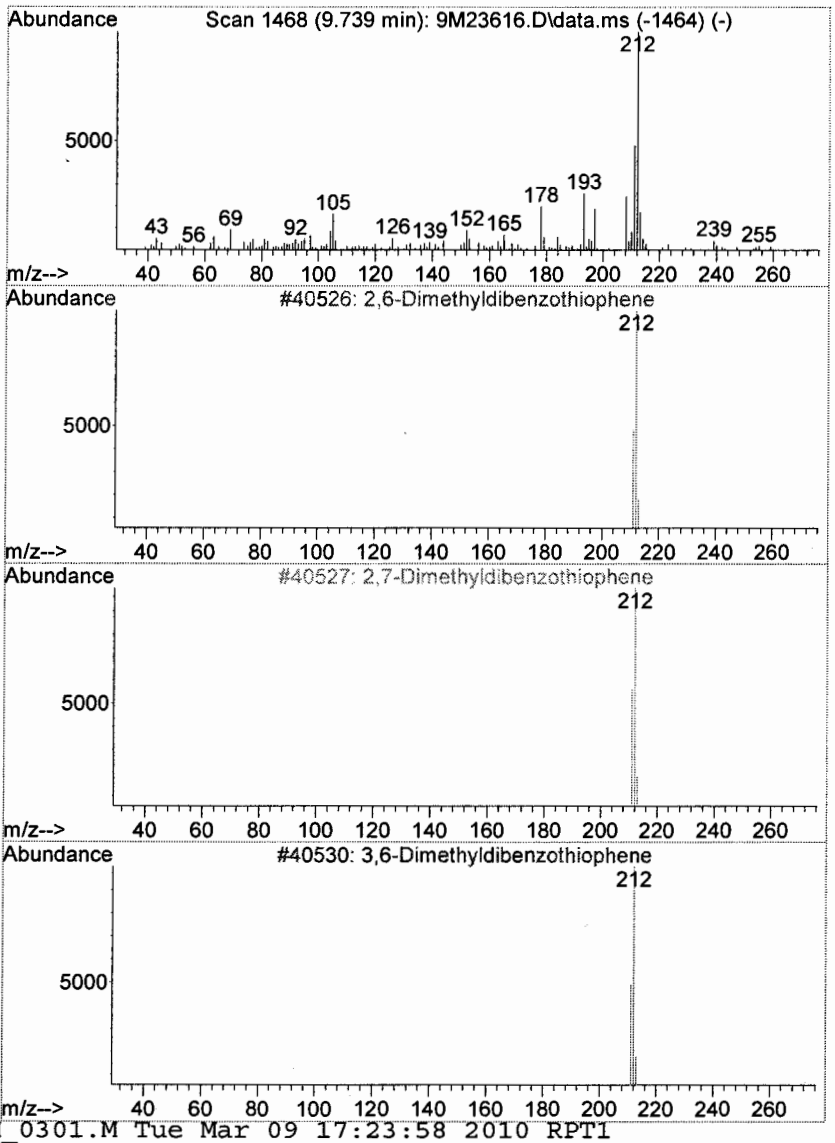
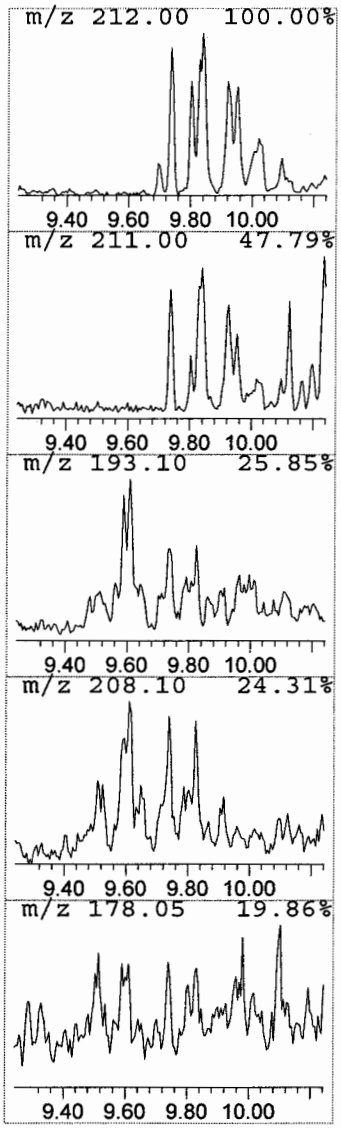
Peak Number 11 2,6-Dimethyldibenzothiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	9.78 ng	86454	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	83
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	83
3	3,6-Dimethyldibenzothiophene	212	C14H12S	031613-04-4	83
4	4,6-Dimethyldibenzothiophene	212	C14H12S	001207-12-1	83
5	1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	83





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Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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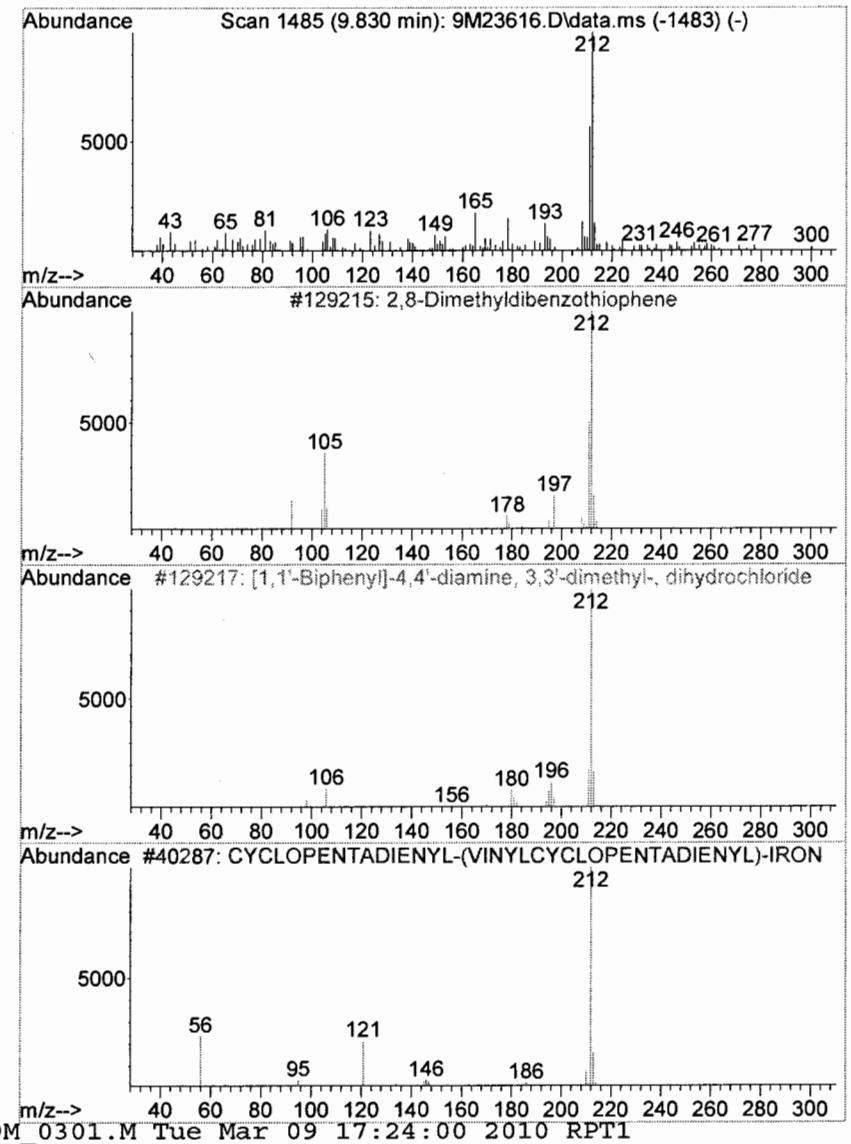
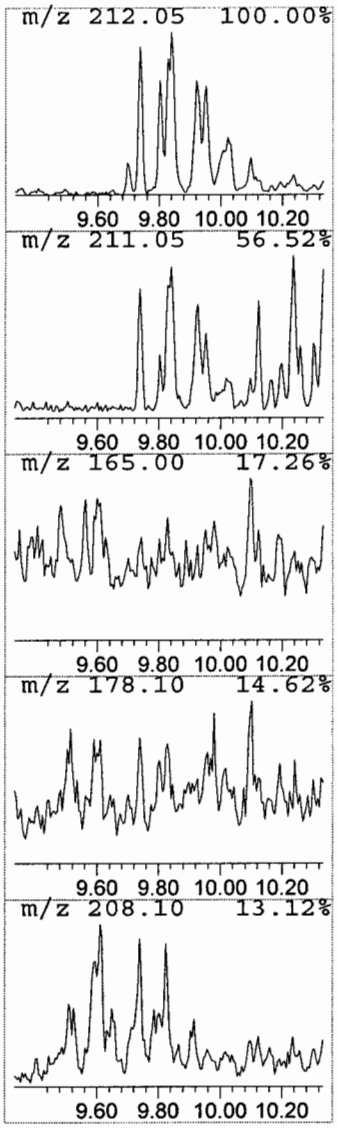
Peak Number 12 2,8-Dimethyldibenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	10.41 ng	92082	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzothiophene	212	C14H12S	001207-15-4	59
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	43
3	CYCLOPENTADIENYL-(VINYLCYCLOPENT...	212	C12H12Fe	000000-00-0	43
4	O-TOLIDINIUMDICHLORIDE	284	C14H18Cl2N2	000000-00-0	43
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000612-82-8	43





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Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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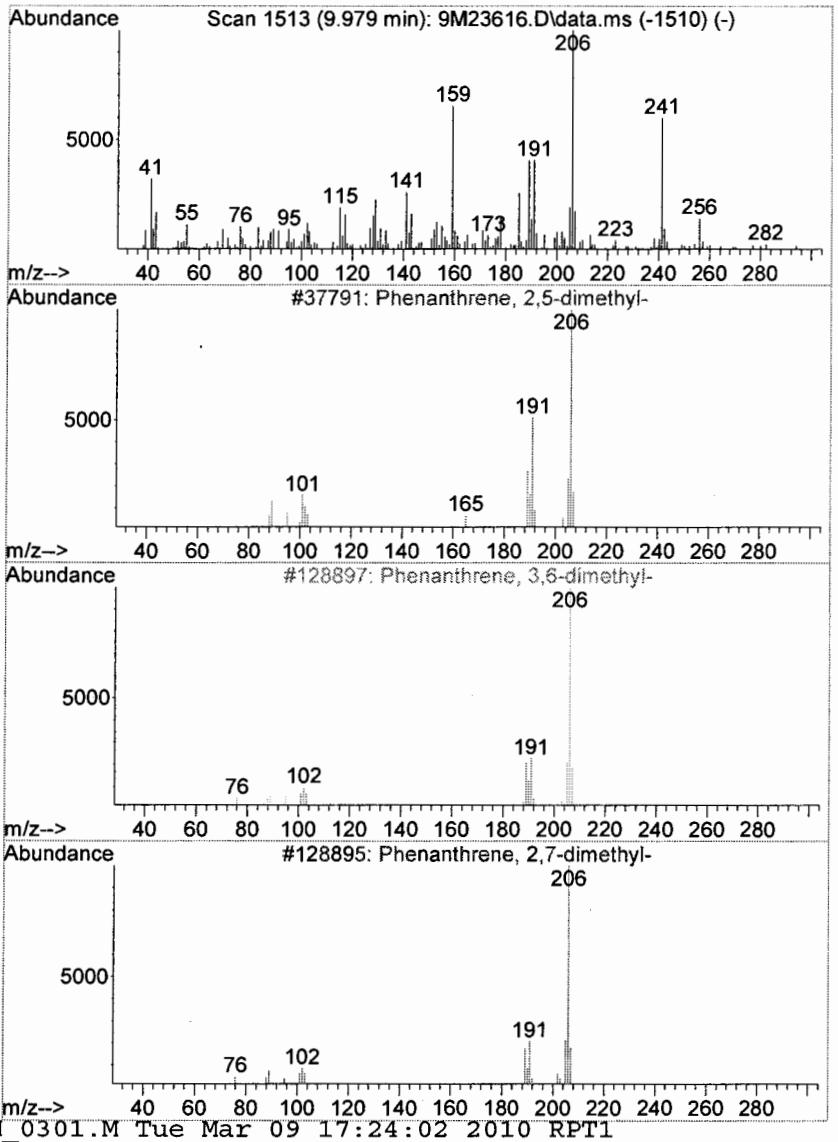
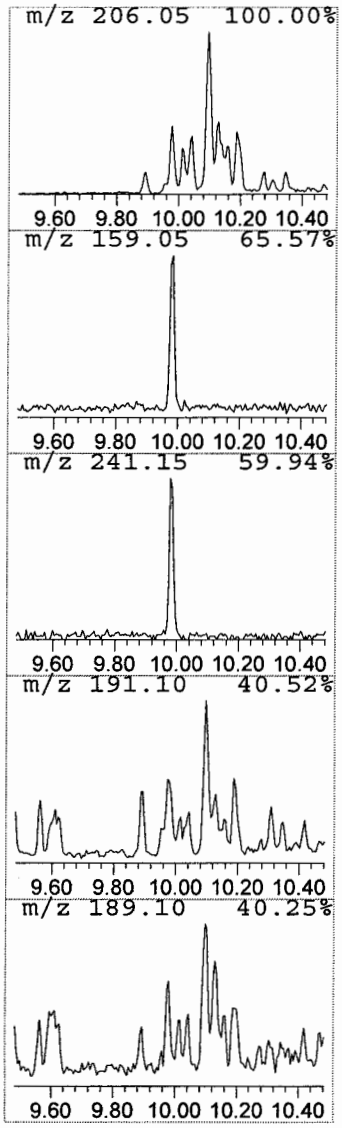
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	18.47 ng	163313	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
5	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	59





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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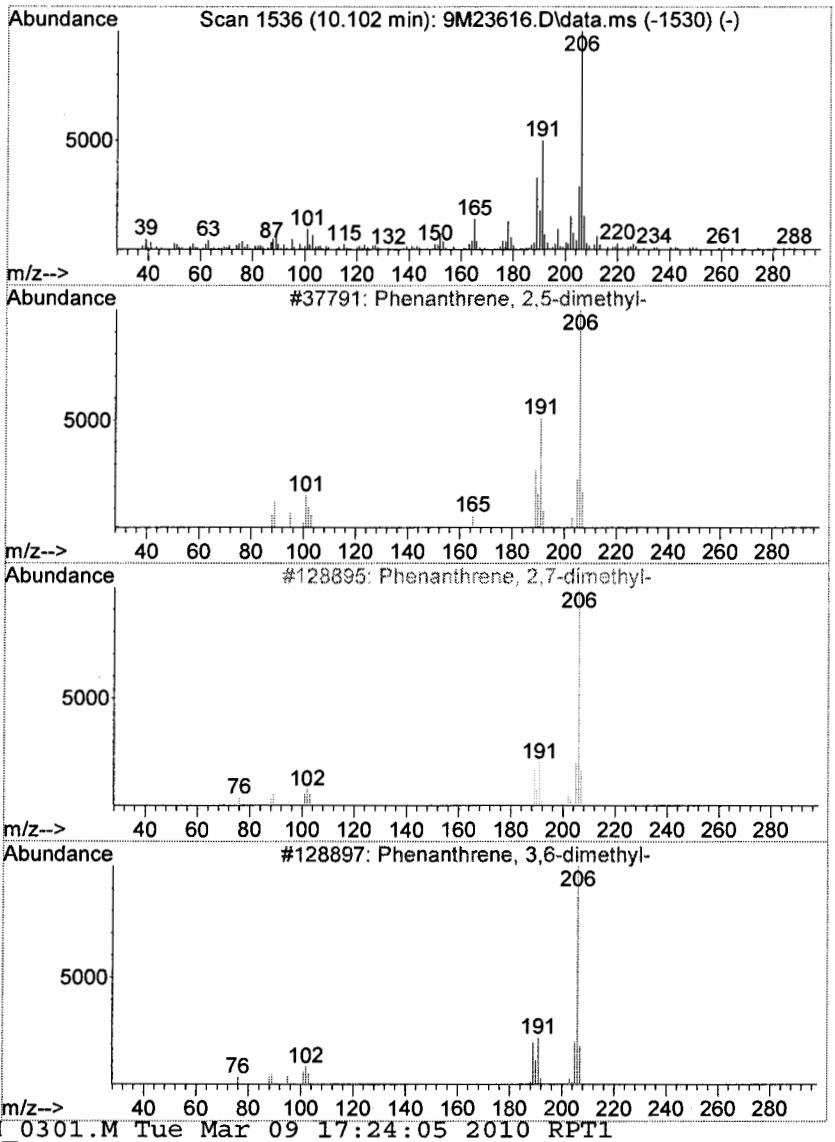
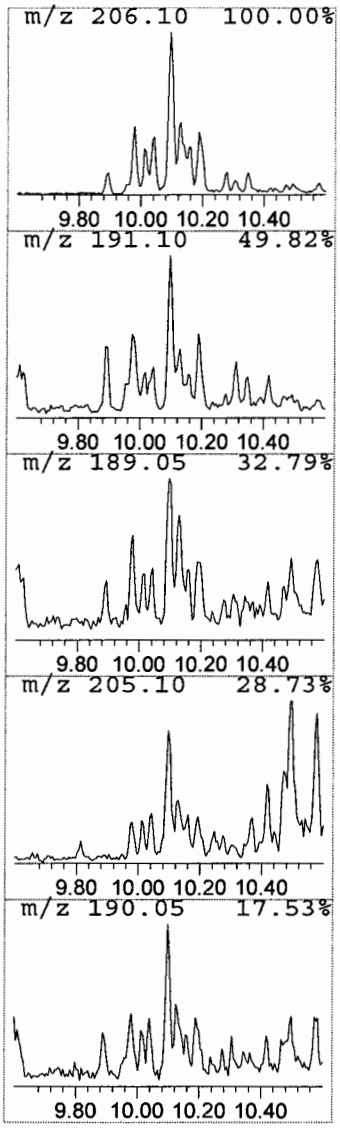
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	27.02 ng	238937	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	90
5	Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	86





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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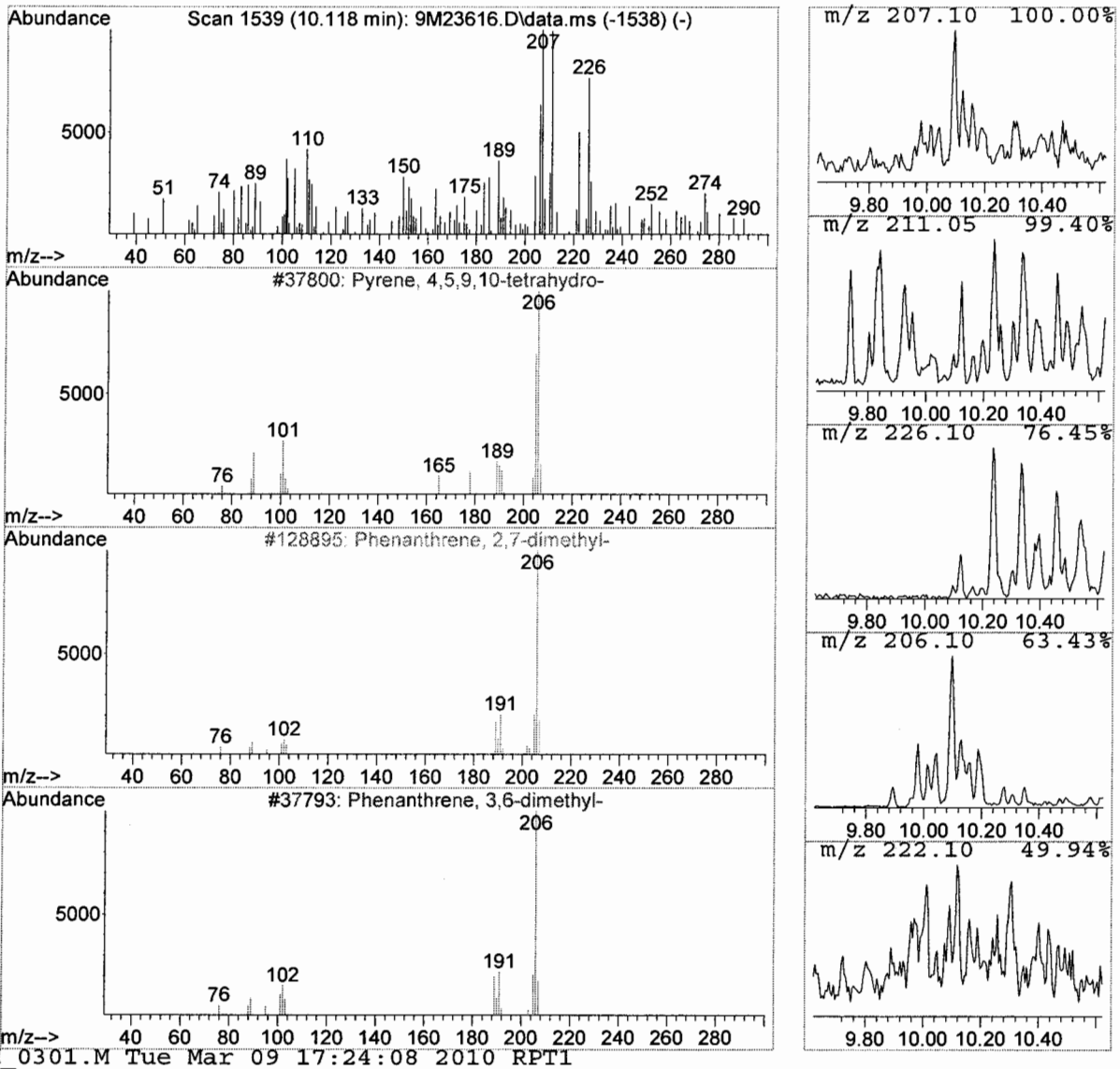
Peak Number 15 unknown Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	10.96 ng	96882	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	42
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38



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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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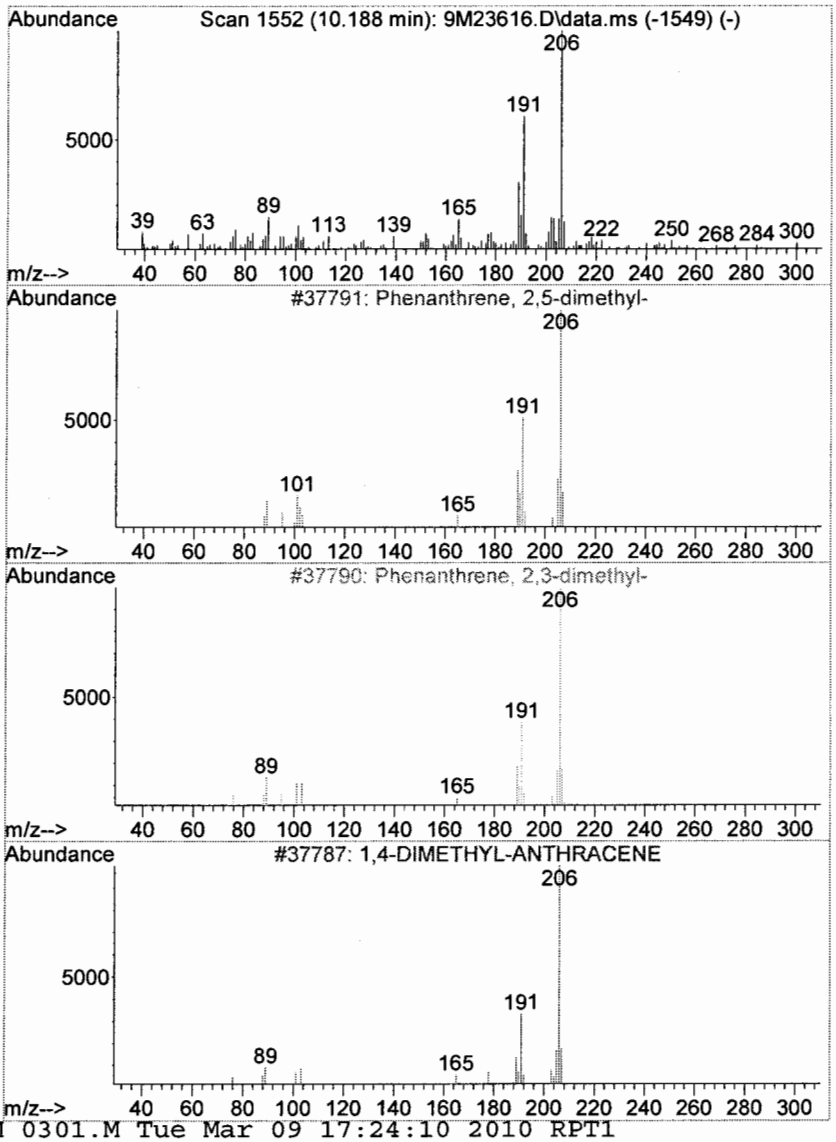
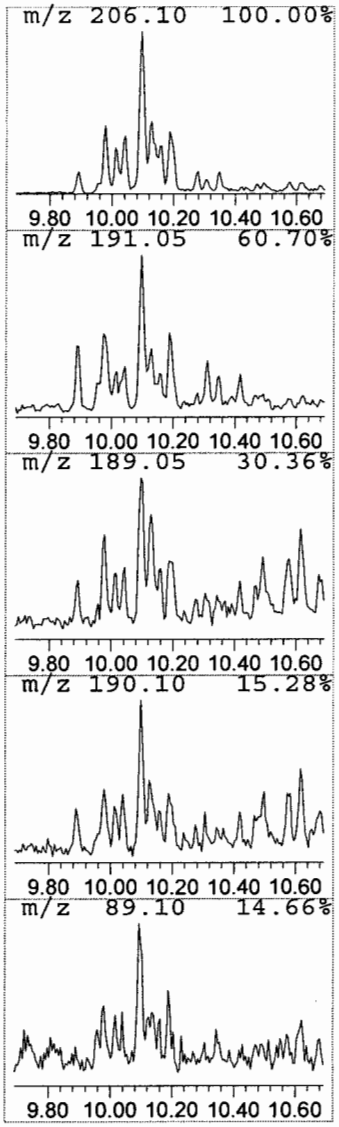
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	11.05 ng	97696	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
3	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	78
5	Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	78





Library Search Compound Report

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Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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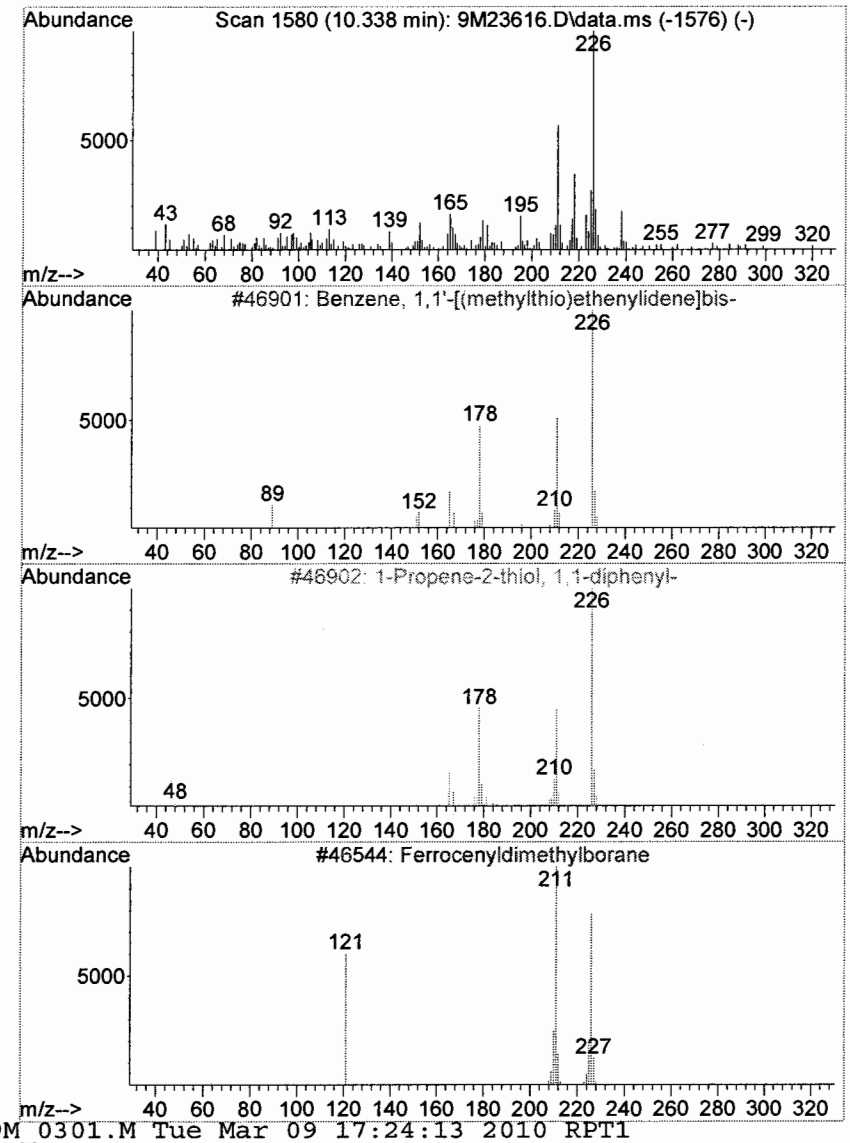
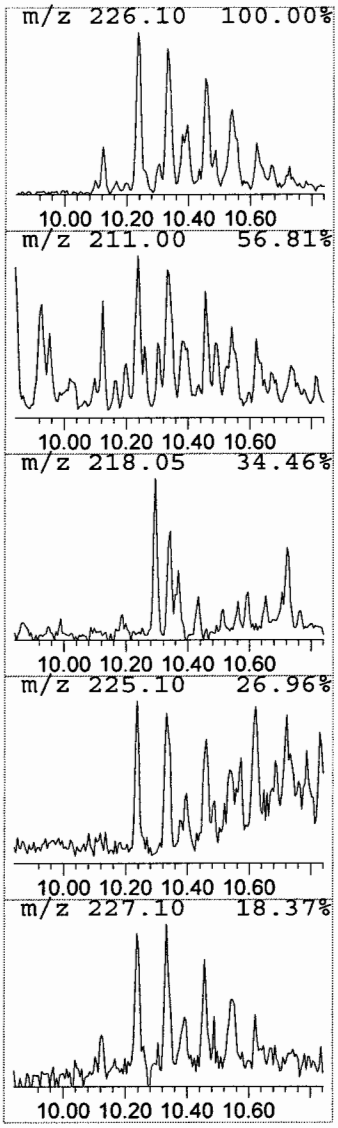
Peak Number 17 Benzene, 1,1'-[(methylthio)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	11.36 ng	100481	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	86
2	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	78
3	Ferrocenyldimethylborane	226	C12H15BFe	061649-69-2	72
4	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	50
5	2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	50





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Sample : AC50108-003(10X)
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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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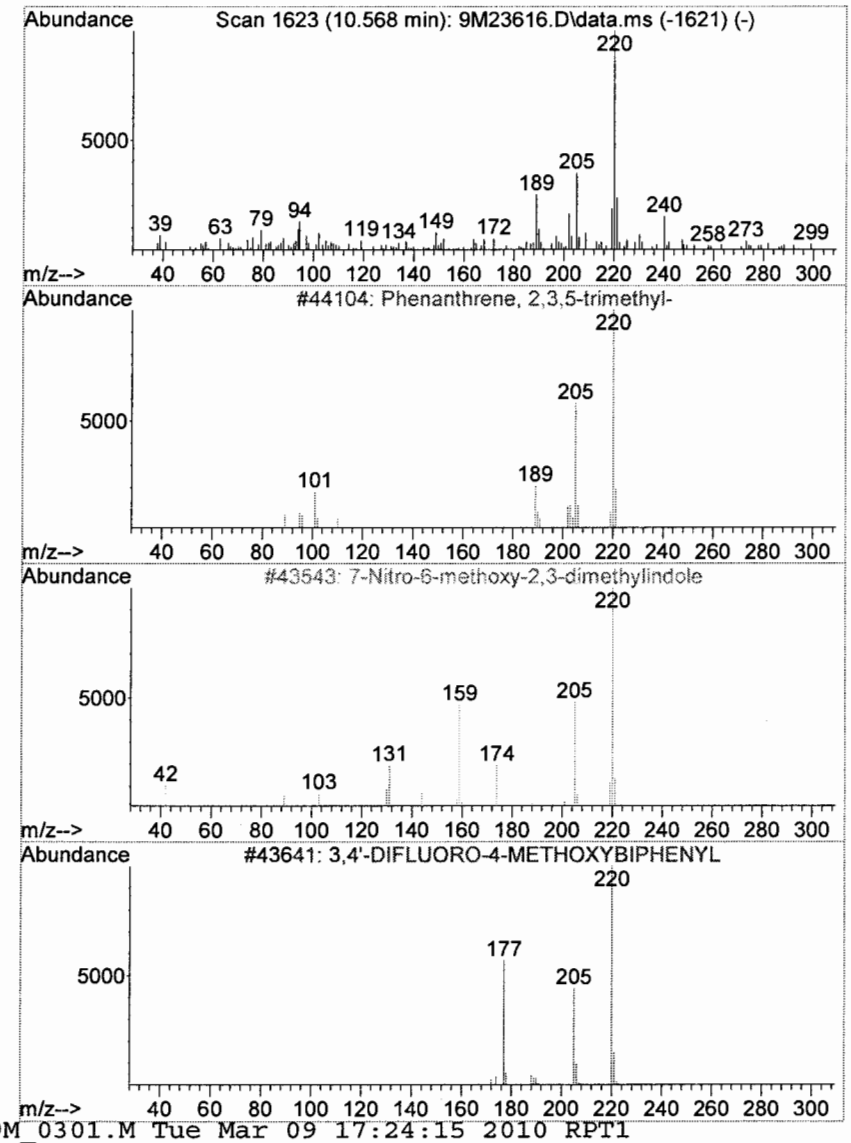
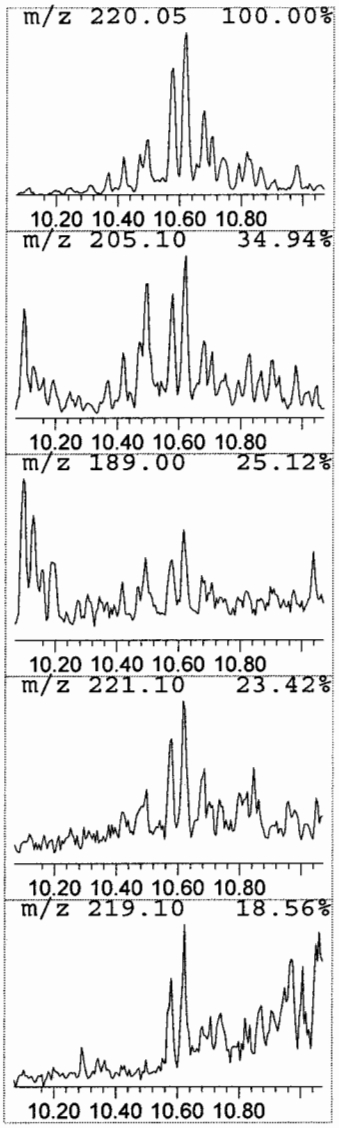
Peak Number 18 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	13.86 ng	93068	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53
3	3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	52
4	5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	40
5	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	40





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Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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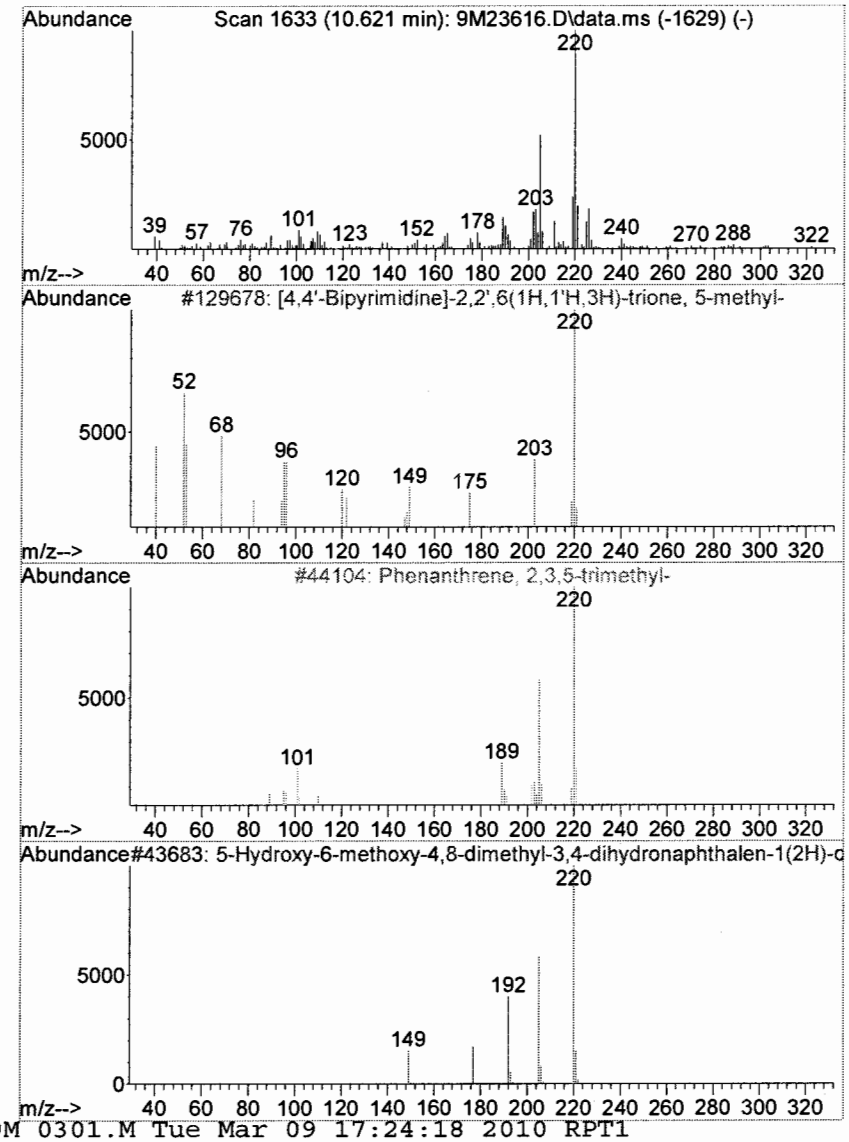
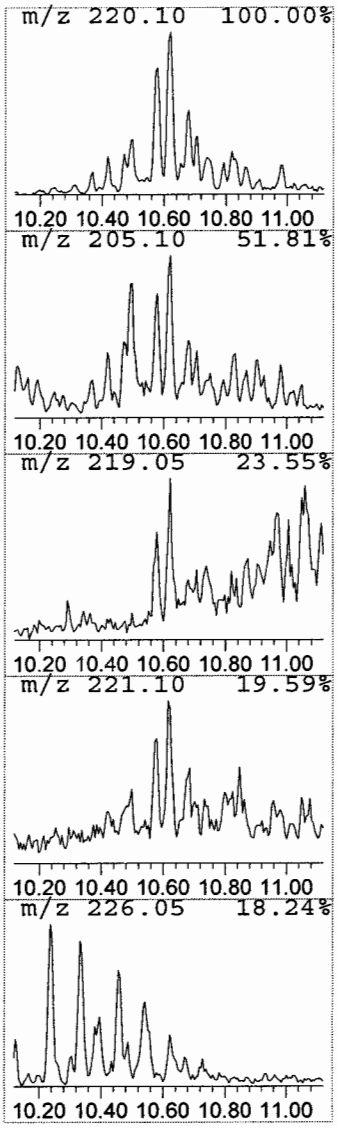
Peak Number 19 [4,4'-Bipyrimidine]-2,2',6(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	22.42 ng	150590	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[4,4'-Bipyrimidine]-2,2',6(1H,1'...	220	C9H8N4O3	018694-06-9	86
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
3	5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	53
4	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53
5	3,4-Dimethoxy-6-isothiocyanatobe...	220	C10H8N2O2S	043091-89-0	53





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Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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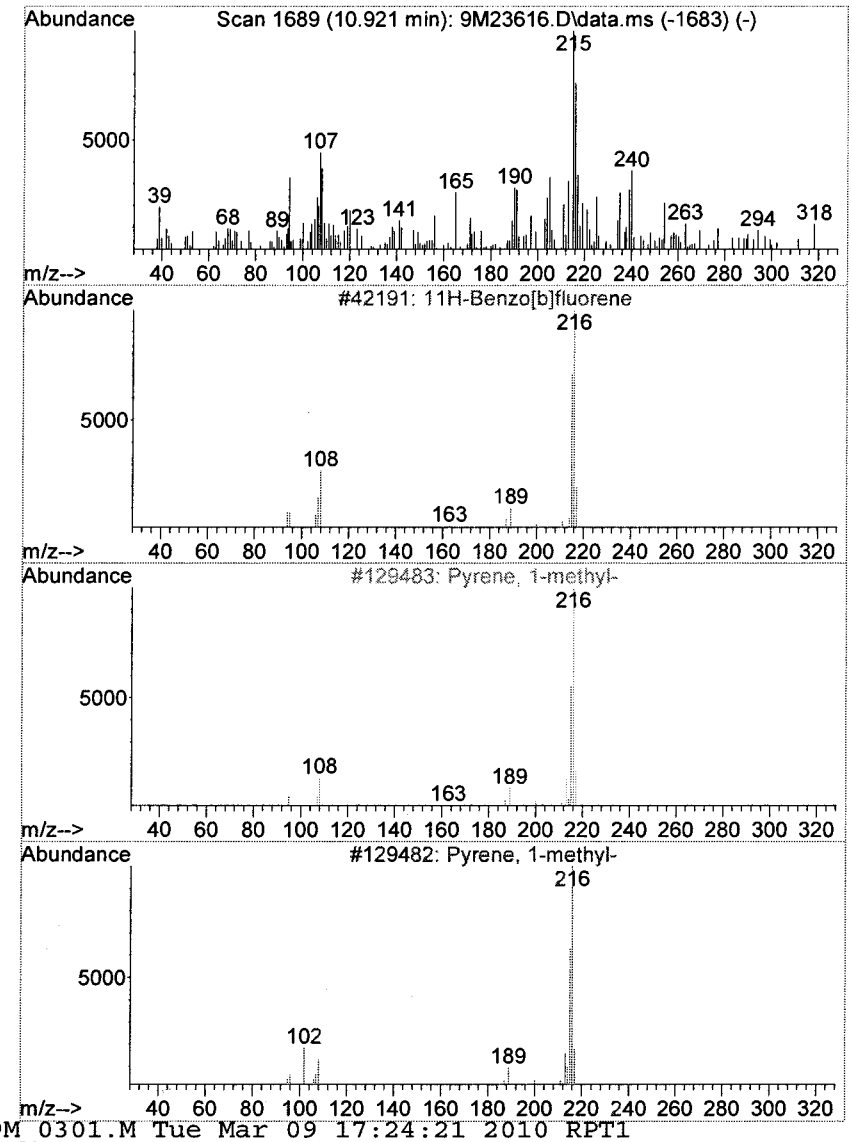
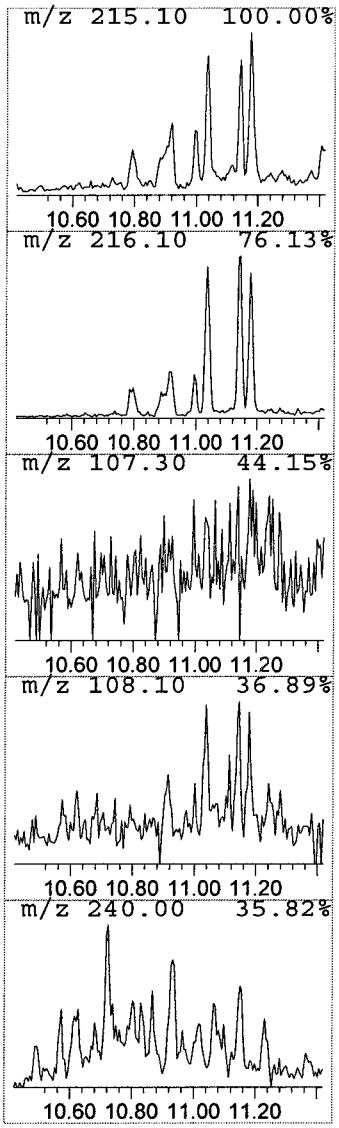
Peak Number 20 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	18.98 ng	127452	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	27
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	22
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	22
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	22
5	STILBENE, .ALPHA.,.ALPHA.-DIFLUORO-	216	C14H10F2	020488-55-5	18





Library Search Compound Report

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Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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Peak Number 21 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	11.02 ng	74014	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
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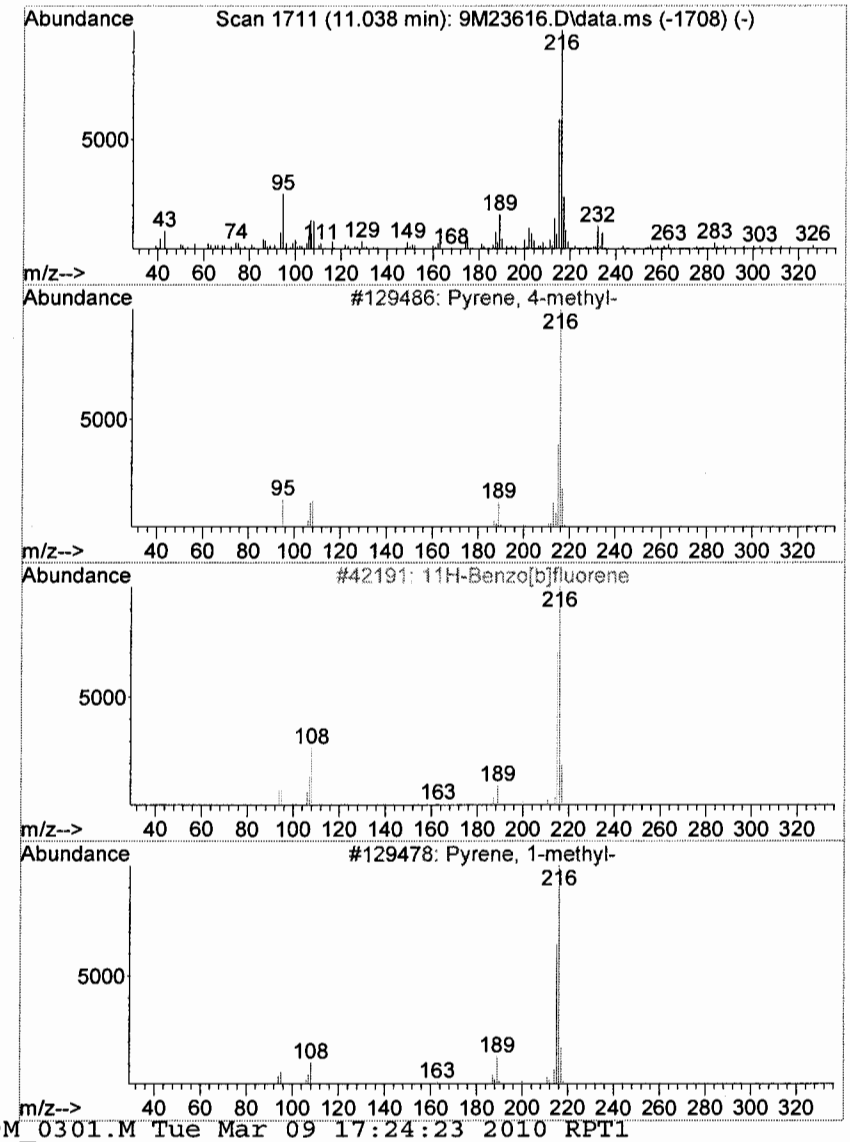

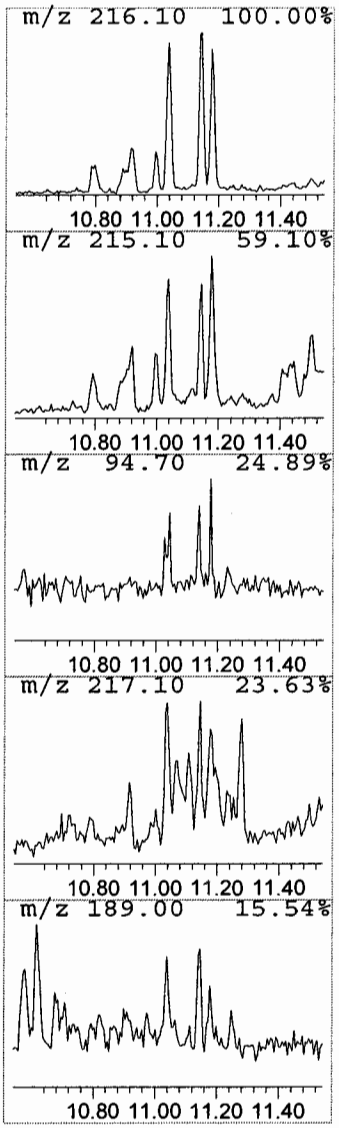

Library Search Compound Report

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Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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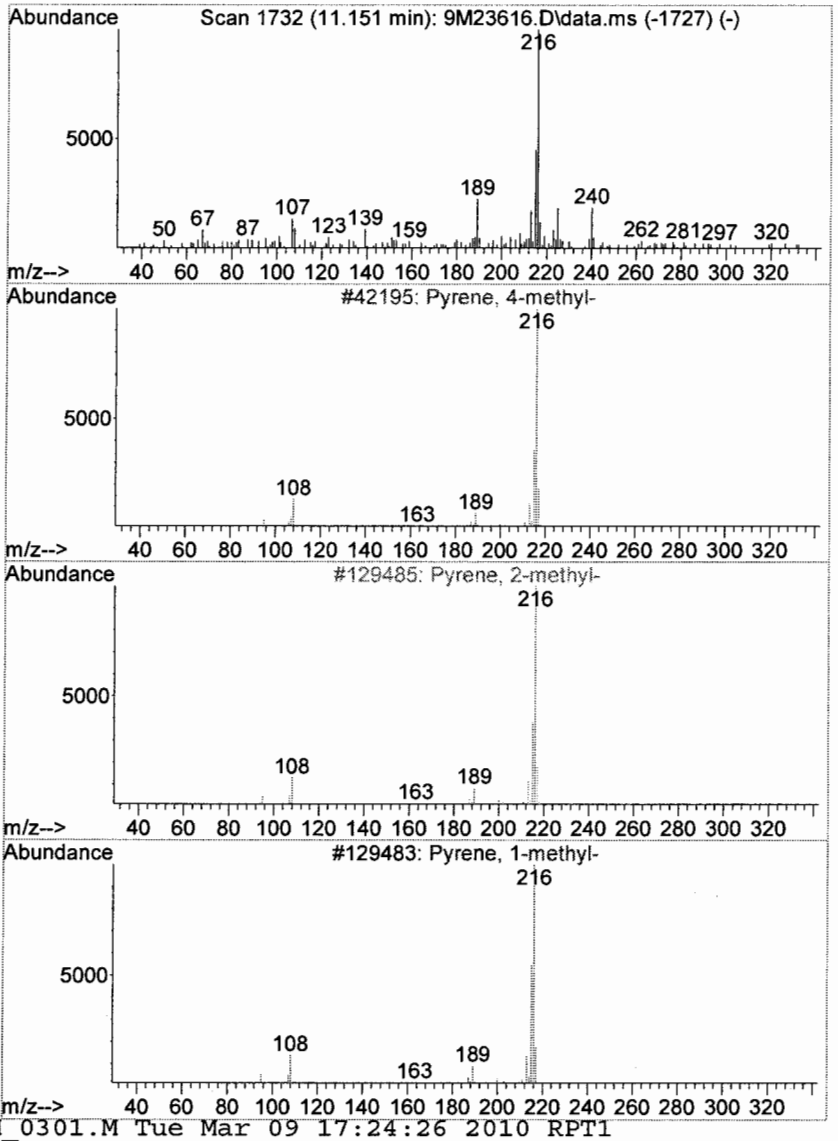
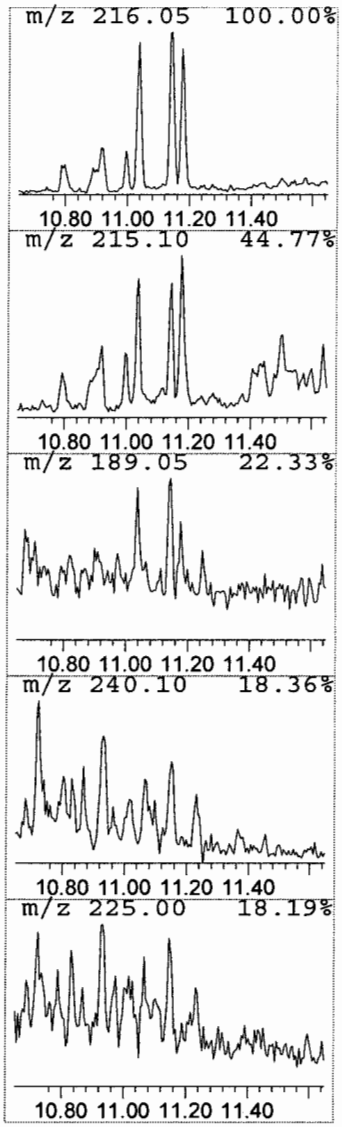
Peak Number 22 Pyrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	13.47 ng	90441	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91





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Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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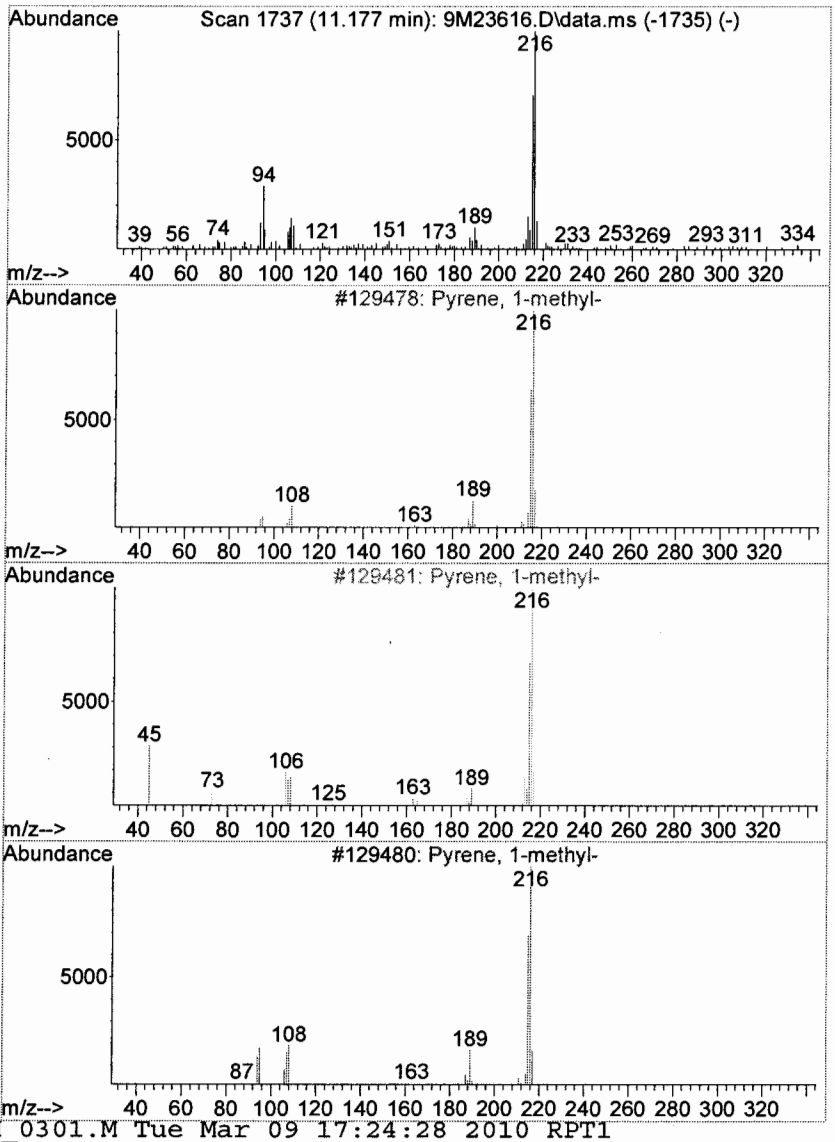
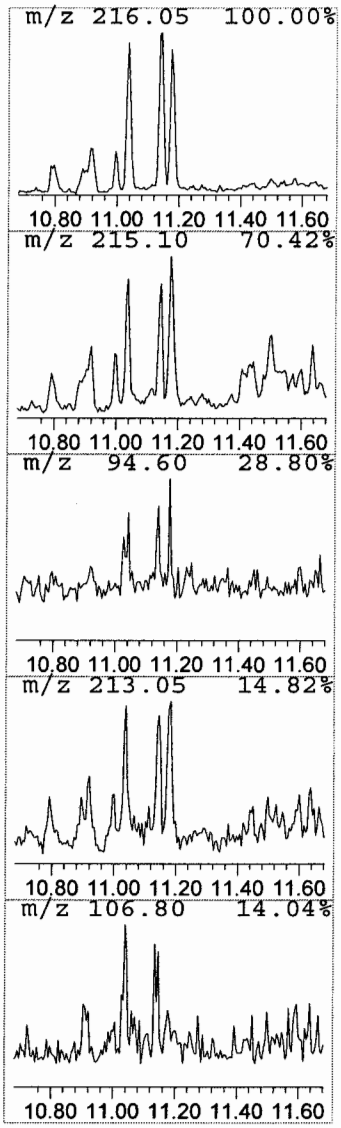
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	12.05 ng	80929	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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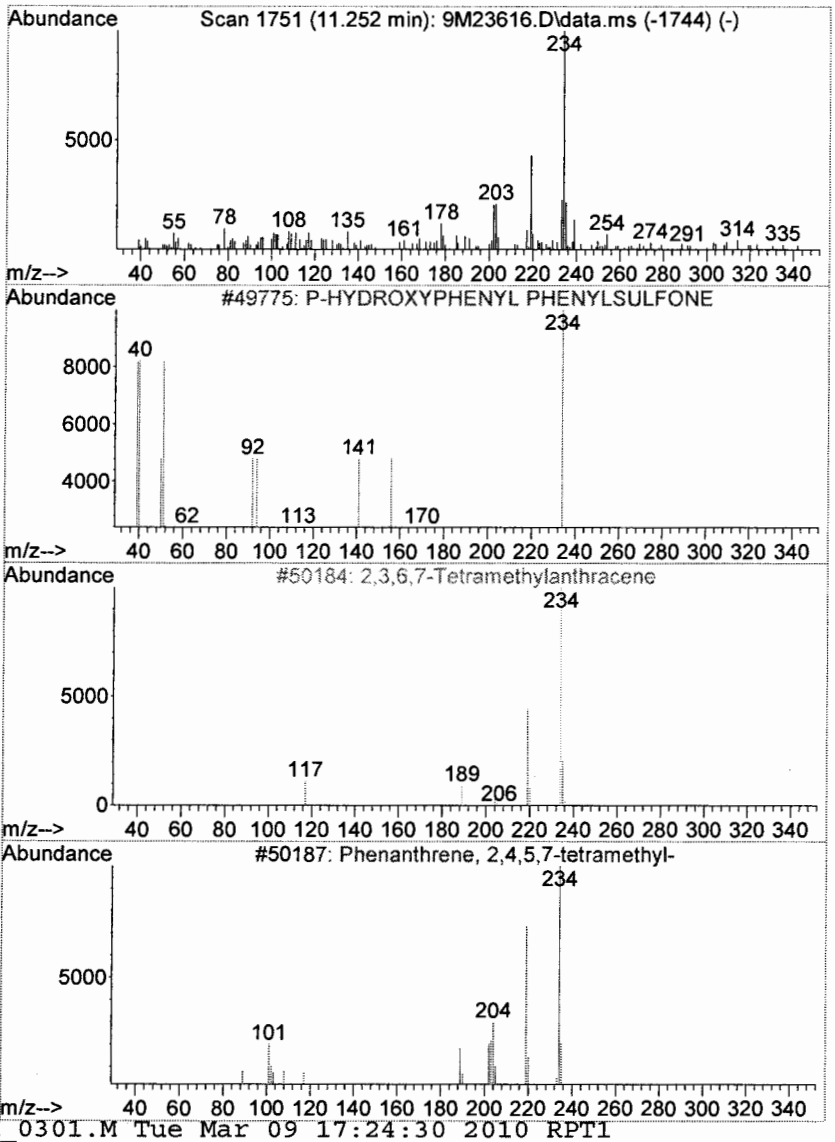
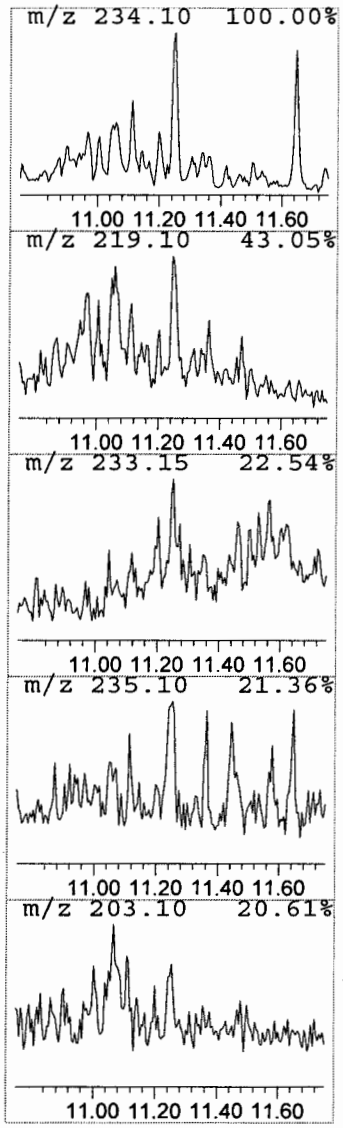
Peak Number 24 2,3,6,7-Tetramethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	14.04 ng	94284	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	P-HYDROXYPHENYL PHENYLSULFONE	234	C12H10O3S	000000-00-0	94
2	2,3,6,7-Tetramethylanthracene	234	C18H18	015254-25-8	58
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	53
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	53
5	Isogermacrone-epoxide	234	C15H22O2	089362-62-9	50





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Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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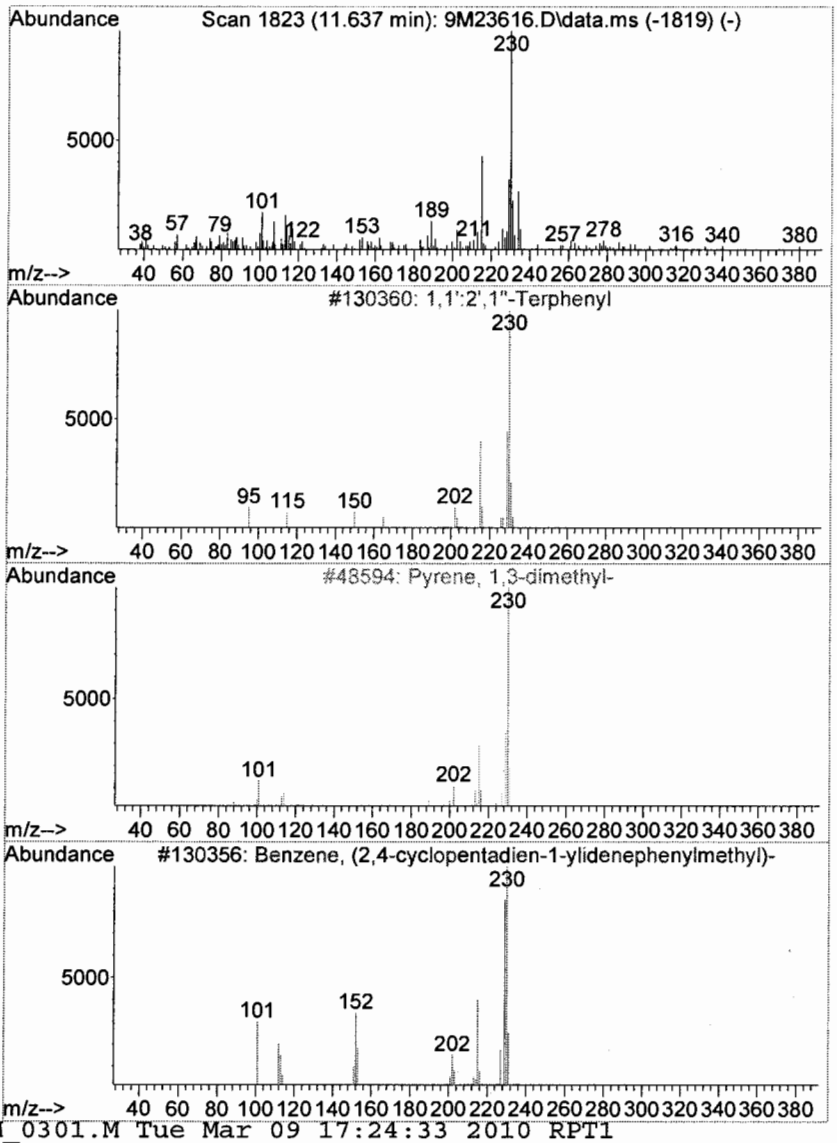
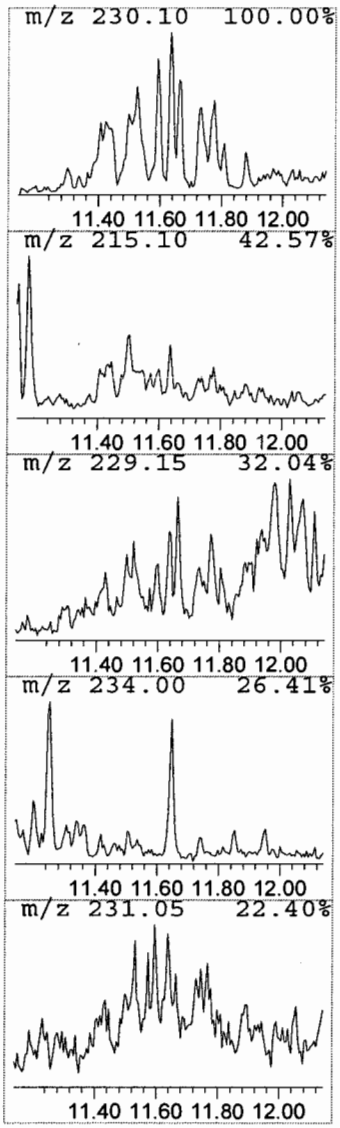
Peak Number 25 1,1':2',1''-Terphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	11.58 ng	77745	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	76
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
3	Benzene, (2,4-cyclopentadien-1-y...	230	C18H14	002175-90-8	53
4	Calycanine	230	C16H10N2	000218-30-4	49
5	1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	46





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Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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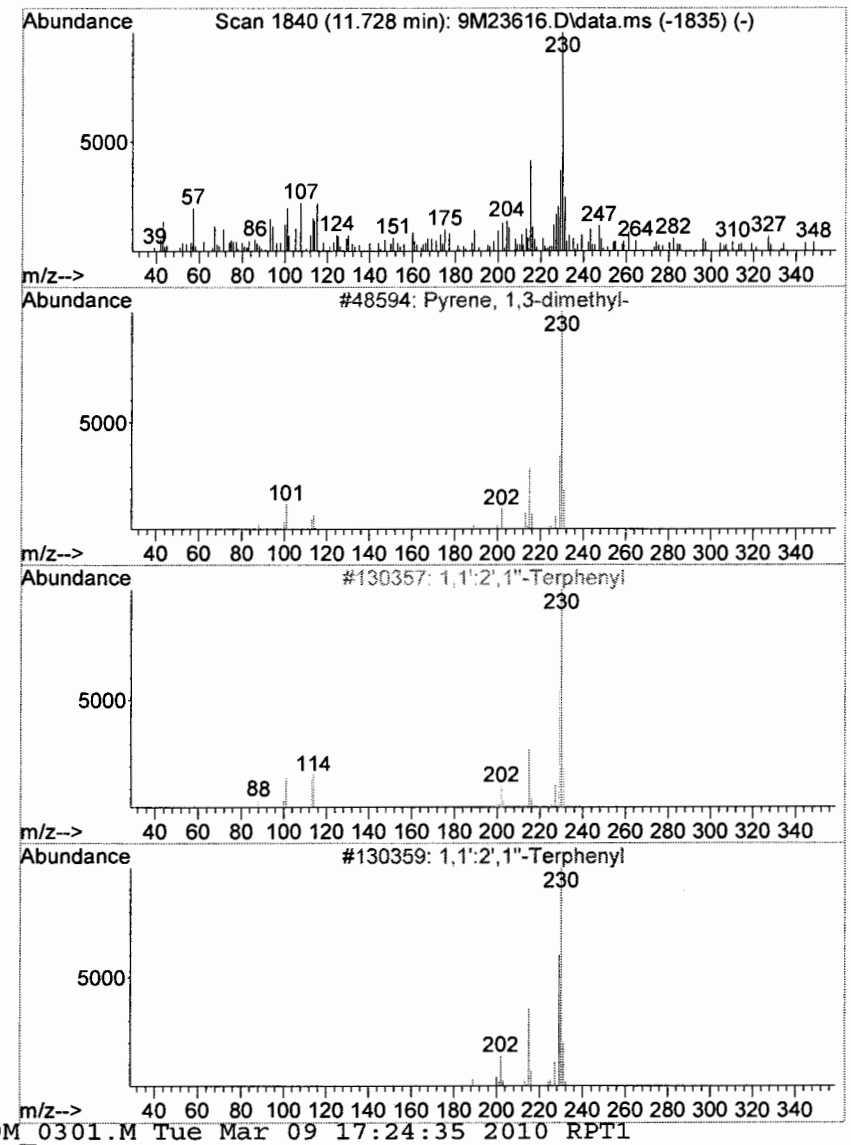
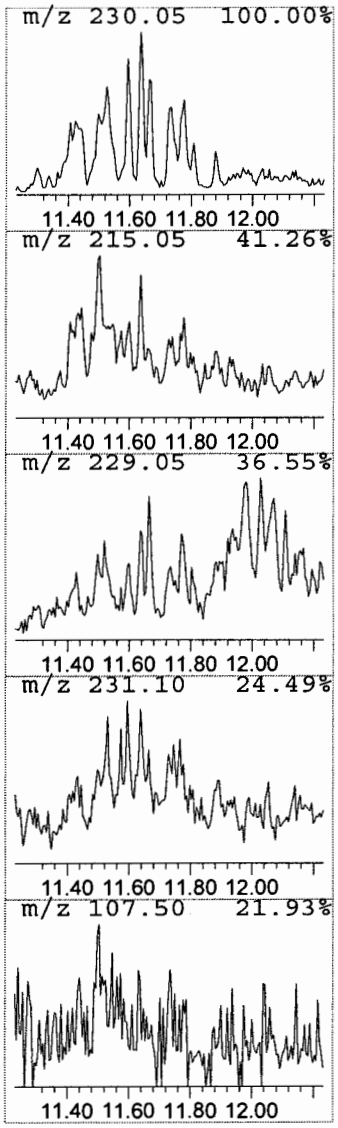
Peak Number 26 Pyrene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	11.11 ng	74598	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	90
2	1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	64
3	1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	59
4	5,6-DIHYDROCHRYSENE	230	C18H14	002091-92-1	58
5	1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	58





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Sample : AC50108-003(10X)
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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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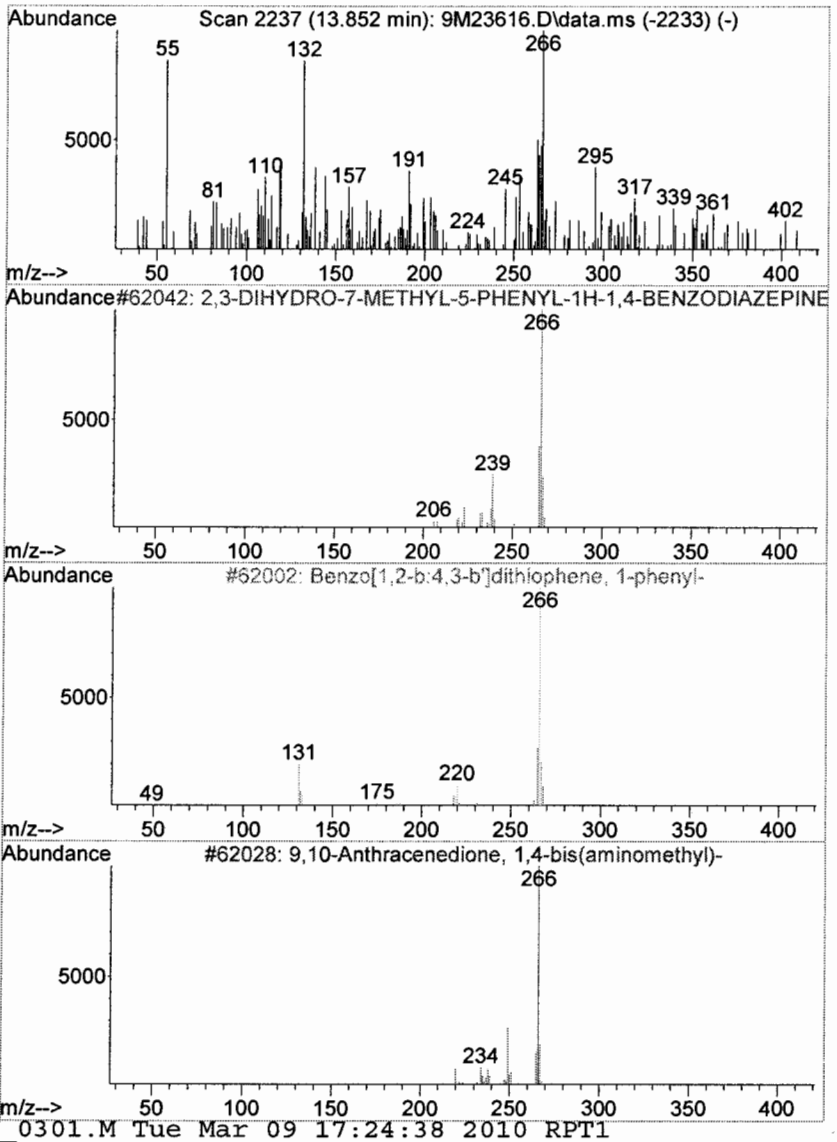
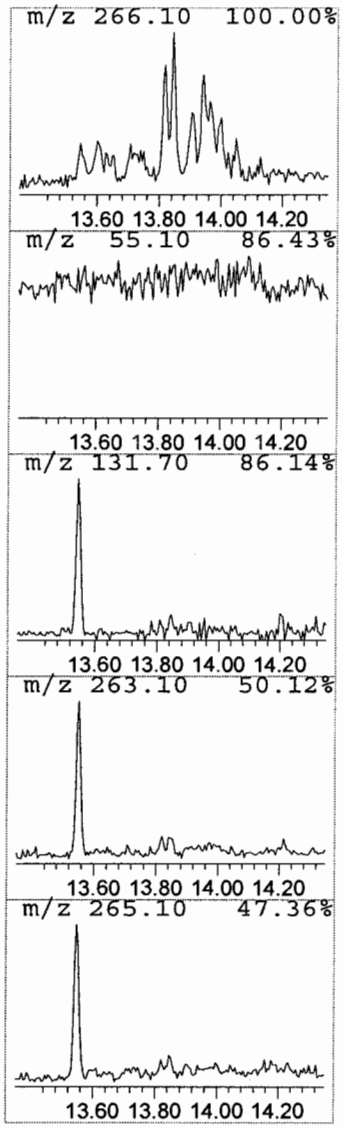
Peak Number 27 unknown Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.01 ng	60839	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-DIHYDRO-7-METHYL-5-PHENYL-1H...	266	C16H14N2S	002888-60-0	45
2	Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	43
3	9,10-Anthracenedione, 1,4-bis(am...	266	C16H14N2O2	077862-13-6	38
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	38
5	(E)-6-METHOXY-2-(2'-METHYLBENZYL...	266	C17H14O3	077764-85-3	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

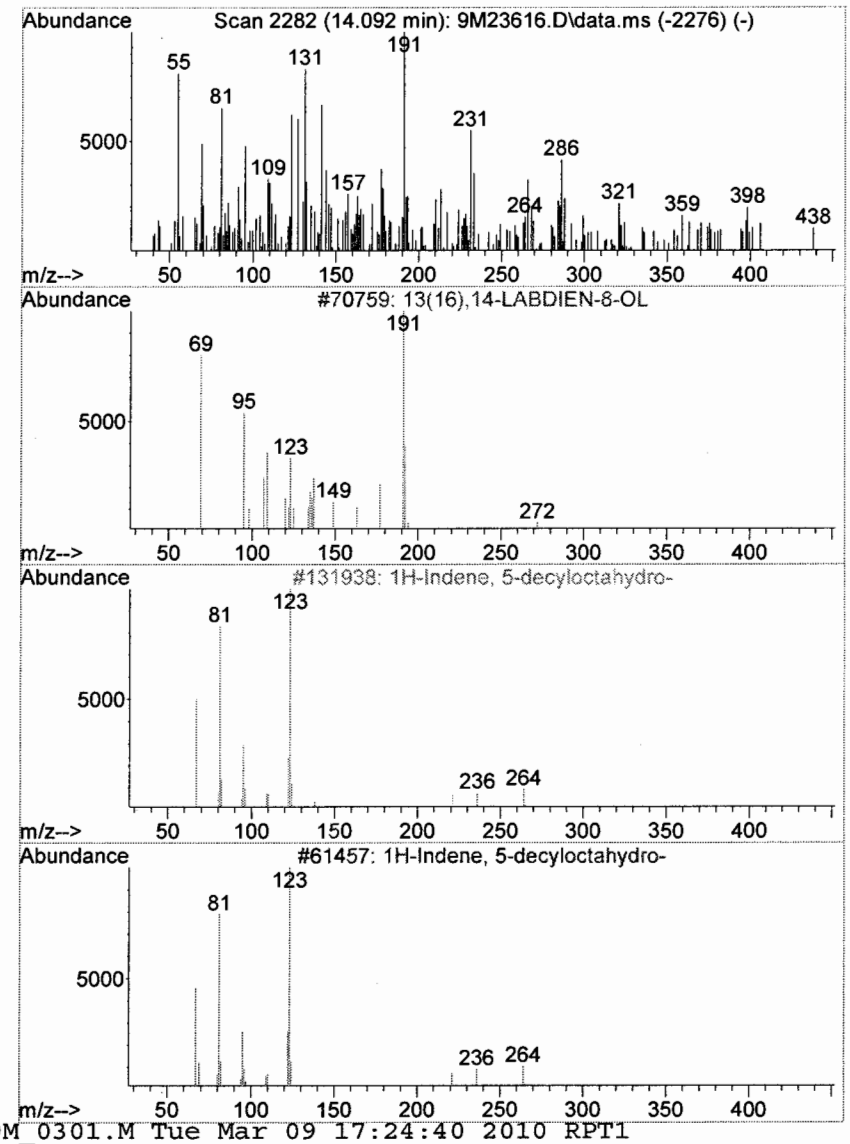
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

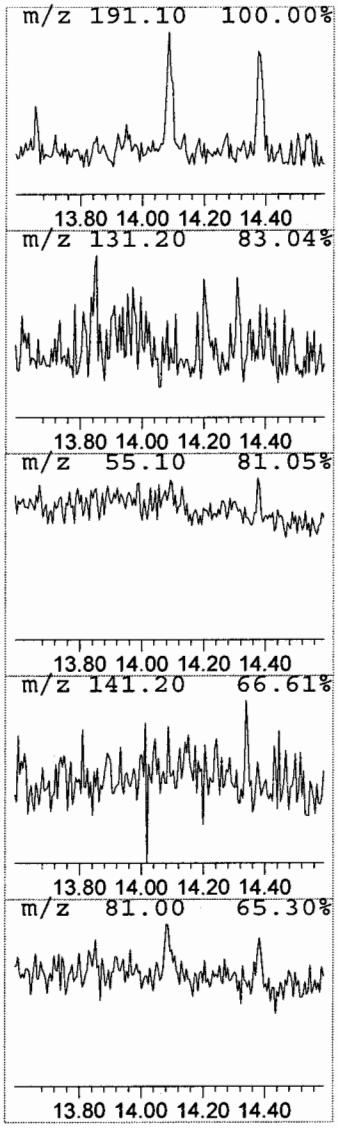
****

Peak Number 28 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	9.45 ng	57380	LibIS-Perylene-d12	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13(16),14-LABDIEN-8-OL	290	C20H34O	000000-00-0	43
2	1H-Indene, 5-decyloctahydro-	264	C19H36	055044-35-4	25
3	1H-Indene, 5-decyloctahydro-	264	C19H36	055044-35-4	25
4	28-NOR-17ALPHA(H)-HOPANE	398	C29H50	053584-60-4	25
5	9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	14





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23616.D
Acq On : 8 Mar 2010 12:54
Operator : AHD
Sample : AC50108-003(10X)
Misc : S,BNA:45
ALS Vial : 8 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
2-Pentanone, 4-hy...	3.49	138.0	ng	632670	1 5.19	5.19	183438	40.0
Naphthalene, 1,4,...	7.73	9.9	ng	90834	3 7.56	7.56	367340	40.0
Naphthalene, 1,4,...	7.83	9.9	ng	90602	3 7.56	7.56	367340	40.0
Naphthalene, 2,3,...	7.90	11.0	ng	100841	3 7.56	7.56	367340	40.0
9H-Fluorene, 9-me...	8.55	10.4	ng	91663	4 8.94	8.94	353701	40.0
unknown	8.85	10.4	ng	92395	4 8.94	8.94	353701	40.0
9H-Fluorene, 2,3-...	9.07	9.6	ng	85022	4 8.94	8.94	353701	40.0
Dibenzothiophene,...	9.29	10.9	ng	96223	4 8.94	8.94	353701	40.0
(E)-6-Ethylidene-...	9.48	14.5	ng	128434	4 8.94	8.94	353701	40.0
unknown	9.61	17.8	ng	157522	4 8.94	8.94	353701	40.0
2,6-Dimethyldiben...	9.74	9.8	ng	86454	4 8.94	8.94	353701	40.0
2,8-Dimethyldiben...	9.83	10.4	ng	92082	4 8.94	8.94	353701	40.0
Phenanthrene, 2,5...	9.98	18.5	ng	163313	4 8.94	8.94	353701	40.0
Phenanthrene, 2,5...	10.10	27.0	ng	238937	4 8.94	8.94	353701	40.0
unknown	10.12	11.0	ng	96882	4 8.94	8.94	353701	40.0
Phenanthrene, 2,5...	10.19	11.0	ng	97696	4 8.94	8.94	353701	40.0
Benzene, 1,1'-[(m...	10.34	11.4	ng	100481	4 8.94	8.94	353701	40.0
Phenanthrene, 2,3...	10.57	13.9	ng	93068	5 11.95	11.95	268622	40.0
[4,4'-Bipyrimidin...	10.62	22.4	ng	150590	5 11.95	11.95	268622	40.0
unknown	10.92	19.0	ng	127452	5 11.95	11.95	268622	40.0
Pyrene, 4-methyl-	11.04	11.0	ng	74014	5 11.95	11.95	268622	40.0
Pyrene, 4-methyl-	11.15	13.5	ng	90441	5 11.95	11.95	268622	40.0
Pyrene, 1-methyl-	11.18	12.1	ng	80929	5 11.95	11.95	268622	40.0
2,3,6,7-Tetrameth...	11.25	14.0	ng	94284	5 11.95	11.95	268622	40.0
1,1':2',1''-Terph...	11.64	11.6	ng	77745	5 11.95	11.95	268622	40.0
Pyrene, 1,3-dimet...	11.73	11.1	ng	74598	5 11.95	11.95	268622	40.0
unknown	13.85	10.0	ng	60839	6 13.55	13.55	243006	40.0
unknown	14.09	9.4	ng	57380	6 13.55	13.55	243006	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210S01
Data File: 9M23595.D
Analysis Date: 03/05/10 18:28
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 84

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.079	U	191-24-2	Benzo[g,h,i]perylene	0.079	U
122-66-7	1,2-Diphenylhydrazine	0.079	U	207-08-9	Benzo[k]fluoranthene	0.079	U
95-95-4	2,4,5-Trichlorophenol	0.079	U	65-85-0	Benzoic Acid	0.40	U
88-06-2	2,4,6-Trichlorophenol	0.079	U	111-91-1	bis(2-Chloroethoxy)methan	0.079	U
120-83-2	2,4-Dichlorophenol	0.079	U	111-44-4	bis(2-Chloroethyl)ether	0.079	U
105-67-9	2,4-Dimethylphenol	0.079	U	108-60-1	bis(2-chloroisopropyl)ether	0.079	U
51-28-5	2,4-Dinitrophenol	0.40	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.079	U
121-14-2	2,4-Dinitrotoluene	0.079	U	85-68-7	Butylbenzylphthalate	0.079	U
606-20-2	2,6-Dinitrotoluene	0.079	U	86-74-8	Carbazole	0.079	U
91-58-7	2-Chloronaphthalene	0.079	U	218-01-9	Chrysene	0.079	U
95-57-8	2-Chlorophenol	0.079	U	53-70-3	Dibenzo[a,h]anthracene	0.079	U
91-57-6	2-Methylnaphthalene	0.079	U	132-64-9	Dibenzofuran	0.079	U
95-48-7	2-Methylphenol	0.079	U	84-66-2	Diethylphthalate	0.079	U
88-74-4	2-Nitroaniline	0.079	U	131-11-3	Dimethylphthalate	0.079	U
88-75-5	2-Nitrophenol	0.079	U	84-74-2	Di-n-butylphthalate	0.079	U
106-44-5	3&4-Methylphenol	0.079	U	117-84-0	Di-n-octylphthalate	0.079	U
91-94-1	3,3'-Dichlorobenzidine	0.079	U	206-44-0	Fluoranthene	0.079	U
99-09-2	3-Nitroaniline	0.079	U	86-73-7	Fluorene	0.079	U
534-52-1	4,6-Dinitro-2-methylphenol	0.40	U	118-74-1	Hexachlorobenzene	0.079	U
101-55-3	4-Bromophenyl-phenylether	0.079	U	87-68-3	Hexachlorobutadiene	0.079	U
59-50-7	4-Chloro-3-methylphenol	0.079	U	77-47-4	Hexachlorocyclopentadiene	0.40	U
106-47-8	4-Chloroaniline	0.079	U	67-72-1	Hexachloroethane	0.079	U
7005-72-3	4-Chlorophenyl-phenylether	0.079	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.079	U
100-01-6	4-Nitroaniline	0.079	U	78-59-1	Isophorone	0.079	U
100-02-7	4-Nitrophenol	0.079	U	91-20-3	Naphthalene	0.079	U
83-32-9	Acenaphthene	0.079	U	98-95-3	Nitrobenzene	0.079	U
208-96-8	Acenaphthylene	0.079	U	62-75-9	N-Nitrosodimethylamine	0.079	U
62-53-3	Aniline	0.079	U	621-64-7	N-Nitroso-di-n-propylamine	0.079	U
120-12-7	Anthracene	0.079	U	86-30-6	n-Nitrosodiphenylamine	0.079	U
92-87-5	Benzidine	0.40	U	87-86-5	Pentachlorophenol	0.40	U
56-55-3	Benzo[a]anthracene	0.079	U	85-01-8	Phenanthrene	0.079	U
50-32-8	Benzo[a]pyrene	0.079	U	108-95-2	Phenol	0.079	U
205-99-2	Benzo[b]fluoranthene	0.079	U	129-00-0	Pyrene	0.079	U

Worksheet #: 144678

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-004
Client Id: PI-01-TP-RAP4030210
Data File: 9M23595.D
Analysis Date: 03/05/10 18:28
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 84
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	1534-08-3	Ethanethioic acid, S-methyl ester	2.67	0.36 J
2	141-79-7	3-Penten-2-one, 4-methyl-	2.79	0.37 JAB
3		unknown	3.20	0.17 JB
4		unknown	3.25	0.18 J
5	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	190 JAB
6		unknown	4.38	0.76 JB
7	5131-66-8	2-Propanol, 1-butoxy-	4.60	0.25 J
8		unknown	6.20	0.25 JB
9		unknown	8.41	0.24 J
10		unknown	13.44	0.25 J
11	55401-55-3	Docosane, 11-decyl-	14.04	0.18 J
12		unknown	15.03	0.23 J
13	64417-14-7	Phenyltetramethylcyclopentadiene	15.83	0.33 J

Worksheet #: 144678

Total Tentatively Identified Concentration 190

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

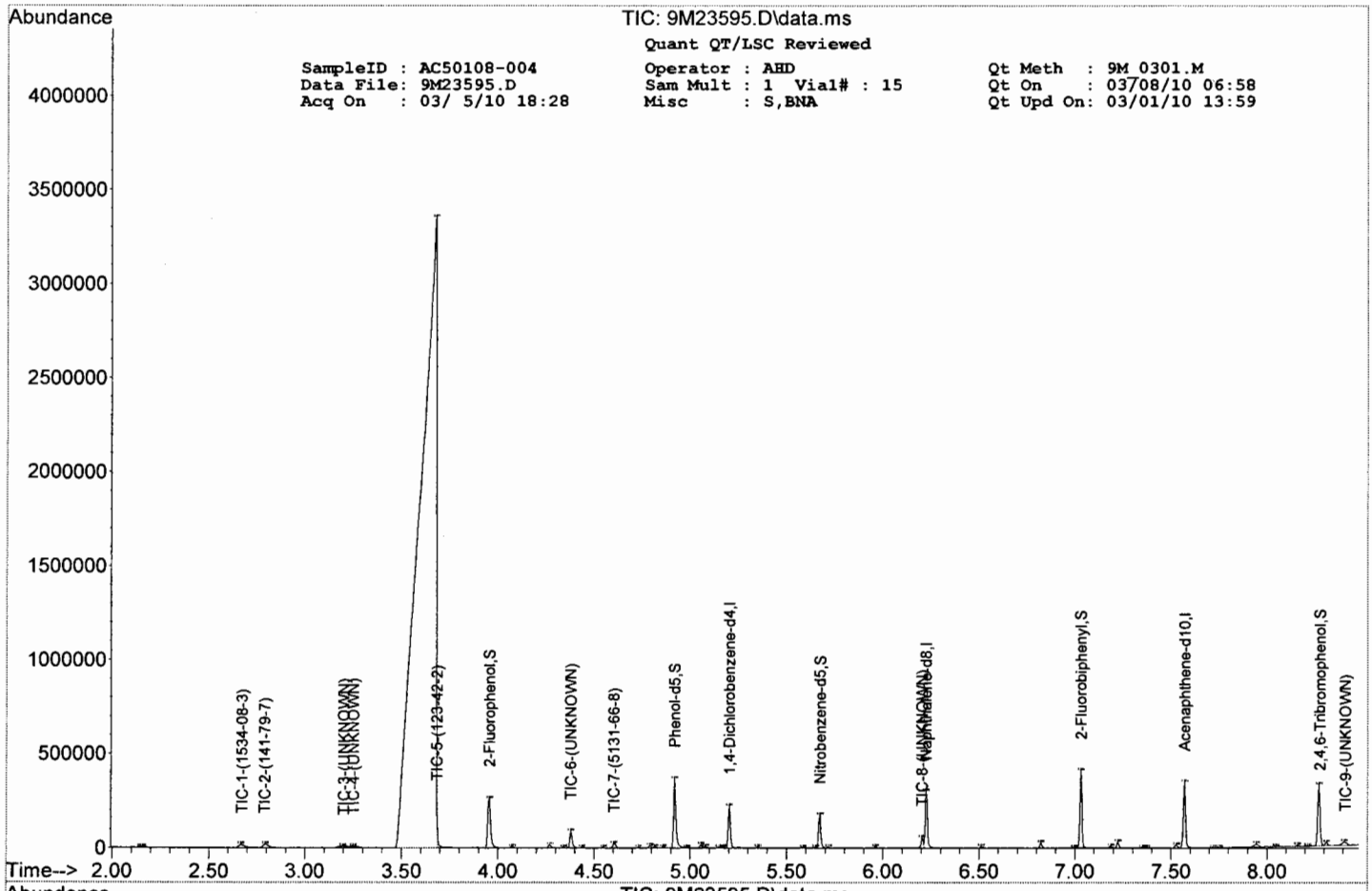
Quantitation Report (QT/LSC Reviewed)

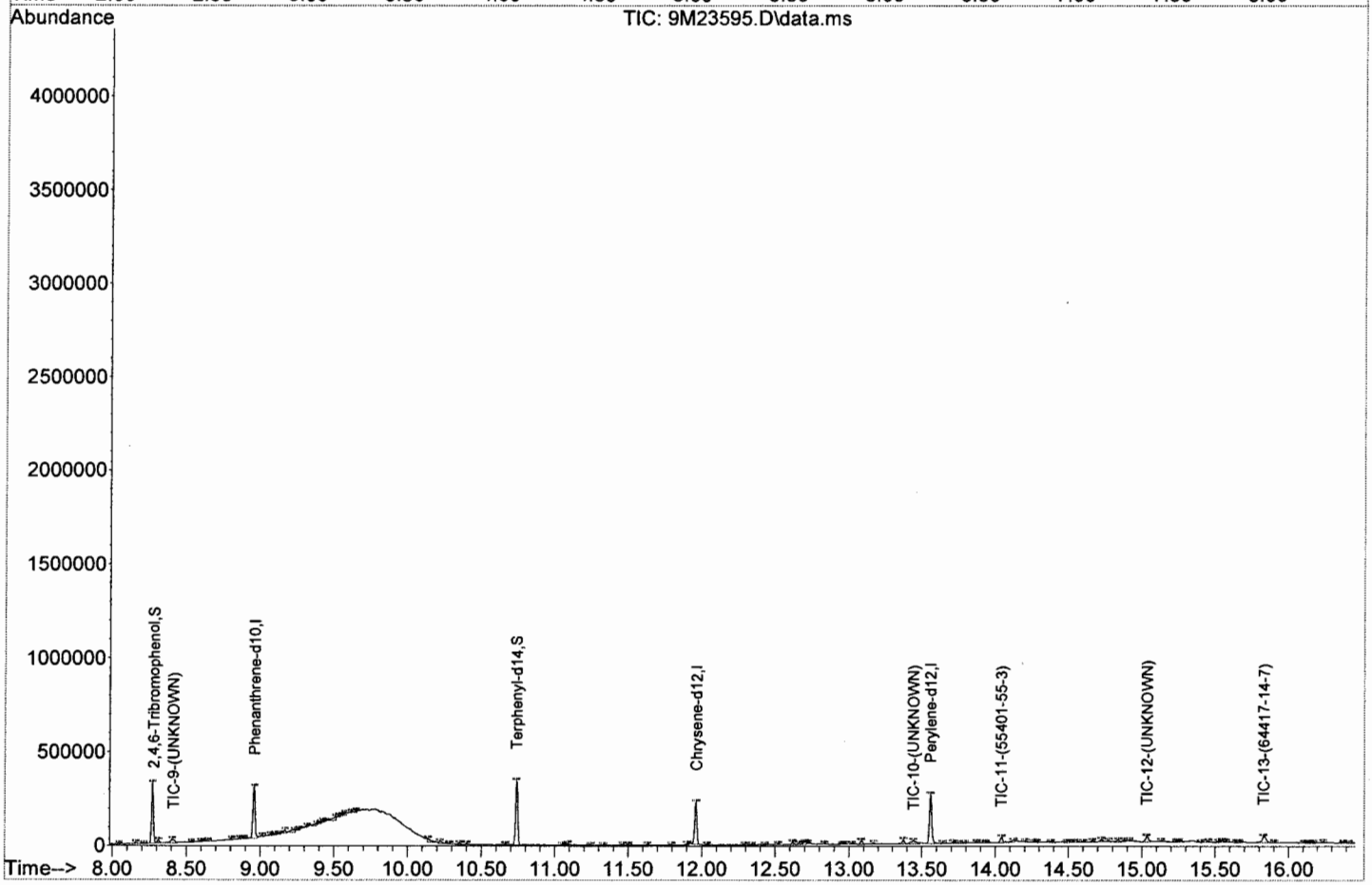
SampleID : AC50108-004 Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23595.D Sam Mult : 1 Vial# : 15 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 18:28 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	25480	40.00	ng	-0.06
29) Naphthalene-d8	6.223	136	99142	40.00	ng	-0.07
47) Acenaphthene-d10	7.571	164	57416	40.00	ng	-0.07
73) Phenanthrene-d10	8.962	188	88592	40.00	ng	-0.08
87) Chrysene-d12	11.962	240	77302	40.00	ng	-0.10
102) Perylene-d12	13.556	264	88668	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.955	112	71677	104.62	ng	-0.05
Spiked Amount 100.000			Recovery = 104.62%			
15) Phenol-d5	4.918	99	92006	102.98	ng	-0.06
Spiked Amount 100.000			Recovery = 102.98%			
30) Nitrobenzene-d5	5.672	128	20413	49.12	ng	-0.06
Spiked Amount 50.000			Recovery = 98.24%			
52) 2-Fluorobiphenyl	7.031	172	89388	45.51	ng	-0.06
Spiked Amount 50.000			Recovery = 91.02%			
76) 2,4,6-Tribromophenol	8.277	330	22400	136.02	ng	-0.08
Spiked Amount 100.000			Recovery = 136.02%			
90) Terphenyl-d14	10.737	244	102790	46.34	ng	-0.09
Spiked Amount 50.000			Recovery = 92.68%			
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.201		168009	40.00	ng	--
2) Naphthalene-d8	6.223		291095	40.00	ng	--
3) Acenaphthene-d10	7.571		276327	40.00	ng	--
4) Phenanthrene-d10	8.962		285811	40.00	ng	--
5) Chrysene-d12	11.962		245017	40.00	ng	--
6) Perylene-d12	13.556		297032	40.00	ng	--
Library Search Compounds						
1) 1534-08-3	2.670		38124	9.08	ng	53
2) 141-79-7	2.790		38971	9.28	ng	78
3) UNKNOWN	3.200		18342	4.37	ng	--
4) UNKNOWN	3.250		19436	4.63	ng	--
5) 123-42-2	3.680		20197457	4808.66	ng	74
6) UNKNOWN	4.380		79949	19.03	ng	--
7) 5131-66-8	4.600		26761	6.37	ng	72
8) UNKNOWN	6.200		45240	6.22	ng	--
9) UNKNOWN	8.410		43061	6.03	ng	--
10) UNKNOWN	13.440		46917	6.32	ng	--
11) 55401-55-3	14.040		33369	4.49	ng	74
12) UNKNOWN	15.030		43735	5.89	ng	--
13) 64417-14-7	15.830		62257	8.38	ng	59

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23595.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-004
Data File: 9M23595.D
Acq On : 03/ 5/10 18:28
Operator : AHD
Sam Mult : 1 Vial# : 15
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03708/10 06:58
Qt Upd On: 03/01/10 13:59
TIC-1-(1534-08-3)
TIC-2-(141-79-7)
TIC-3-(UNKNOWN)
TIC-4-(UNKNOWN)
TIC-5-(123-42-2)
2-Fluorophenol,S
TIC-6-(UNKNOWN)
TIC-7-(5131-66-8)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
TIC-8-(UNKNOWN)
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
TIC-9-(UNKNOWN)
Time-->


Abundance
TIC: 9M23595.D\data.ms
2,4,6-Tribromophenol,S
TIC-9-(UNKNOWN)
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
TIC-10-(UNKNOWN)
Perylene-d12,I
TIC-11-(55401-55-3)
TIC-12-(UNKNOWN)
TIC-13-(64417-14-7)
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.147	25	30	31	rBV2	3958	3955	0.02%	0.016%
2	2.158	31	32	38	rVB3	3560	3907	0.02%	0.016%
3	2.666	121	127	139	rBV2	17438	38124	0.19%	0.153%
4	2.795	145	151	162	rBV3	18408	38971	0.19%	0.157%
5	3.196	218	226	228	rBV5	8024	18342	0.09%	0.074%
6	3.249	233	236	247	rVB6	7988	19436	0.10%	0.078%
7	3.677	277	316	318	rBV	3351479	20197457	100.00%	81.310%
8	3.955	364	368	378	rBV	261139	262642	1.30%	1.057%
9	4.073	388	390	395	rBV2	4931	4730	0.02%	0.019%
10	4.271	424	427	435	rBV	15274	16361	0.08%	0.066%
11	4.340	437	440	443	rBV	3171	3015	0.01%	0.012%
12	4.378	444	447	456	rVV	87751	79949	0.40%	0.322%
13	4.437	456	458	464	rVB2	4085	4558	0.02%	0.018%
14	4.549	477	479	484	rVB	3948	2931	0.01%	0.012%
15	4.602	484	489	496	rBV2	23746	26761	0.13%	0.108%
16	4.731	508	513	517	rBV2	3224	3174	0.02%	0.013%
17	4.790	522	524	527	rBV	11363	9657	0.05%	0.039%
18	4.816	527	529	534	rVB2	6164	5594	0.03%	0.023%
19	4.859	534	537	543	rVB3	5646	5676	0.03%	0.023%
20	4.918	545	548	557	rBV	366280	299402	1.48%	1.205%
21	4.982	557	560	563	rVB3	3397	4082	0.02%	0.016%
22	5.057	571	574	576	rBV	17048	12975	0.06%	0.052%
23	5.078	576	578	581	rVB	7184	5611	0.03%	0.023%
24	5.148	588	591	593	rBV	4591	4230	0.02%	0.017%
25	5.169	593	595	598	rVB	4254	3167	0.02%	0.013%
26	5.201	598	601	605	rBV	219856	166269	0.82%	0.669%
27	5.351	626	629	633	rBV2	6003	5368	0.03%	0.022%
28	5.587	670	673	677	rBV2	2068	2917	0.01%	0.012%
29	5.651	682	685	686	rBV2	3267	2994	0.01%	0.012%
30	5.672	686	689	694	rVV	175002	135629	0.67%	0.546%
31	5.715	694	697	701	rVB3	5746	5189	0.03%	0.021%
32	5.961	740	743	747	rVB	6905	4939	0.02%	0.020%
33	6.202	784	788	790	rVV	54661	45240	0.22%	0.182%
34	6.223	790	792	801	rVB	300084	236394	1.17%	0.952%
35	6.512	843	846	851	rBV2	8549	7548	0.04%	0.030%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

36	6.822	901	904	909	rVB	28312	20084	0.10%	0.081%
37	6.999	933	937	940	rBV3	2352	2555	0.01%	0.010%
38	7.031	940	943	947	rBV	408725	287018	1.42%	1.155%
39	7.186	968	972	975	rBV2	10535	9697	0.05%	0.039%
40	7.223	976	979	984	rVB	31812	23064	0.11%	0.093%
41	7.352	999	1003	1005	rBV2	3149	3651	0.02%	0.015%
42	7.373	1005	1007	1010	rVB3	3453	2950	0.01%	0.012%
43	7.528	1032	1036	1040	rBV3	14876	15678	0.08%	0.063%
44	7.571	1040	1044	1055	rVB	346319	278060	1.38%	1.119%
45	7.721	1067	1072	1074	rBV5	2318	3807	0.02%	0.015%
46	7.753	1074	1078	1079	rBV2	2680	2901	0.01%	0.012%
47	7.945	1108	1114	1119	rBV5	18779	27363	0.14%	0.110%
48	8.047	1128	1133	1134	rBV4	3038	3249	0.02%	0.013%
49	8.159	1148	1154	1158	rBV3	9189	10368	0.05%	0.042%
50	8.213	1159	1164	1166	rVV5	3014	3951	0.02%	0.016%
51	8.272	1171	1175	1180	rBV	323587	277200	1.37%	1.116%
52	8.314	1180	1183	1190	rVB	17137	18075	0.09%	0.073%
53	8.405	1192	1200	1207	rBV7	21946	43061	0.21%	0.173%
54	8.534	1220	1224	1227	rBV5	4687	6100	0.03%	0.025%
55	8.598	1230	1236	1238	rBV6	5536	9265	0.05%	0.037%
56	8.646	1241	1245	1248	rBV5	3634	4361	0.02%	0.018%
57	8.806	1268	1275	1277	rBV8	8270	10926	0.05%	0.044%
58	8.860	1283	1285	1287	rBV3	5824	6086	0.03%	0.025%
59	8.892	1287	1291	1295	rVV5	5702	9296	0.05%	0.037%
60	8.962	1299	1304	1308	rBV	275501	280443	1.39%	1.129%
61	9.015	1310	1314	1316	rBV4	7094	8073	0.04%	0.033%
62	9.069	1322	1324	1326	rBV3	5204	4202	0.02%	0.017%
63	9.101	1326	1330	1332	rVV4	8060	8940	0.04%	0.036%
64	9.133	1332	1336	1337	rBV3	5075	6459	0.03%	0.026%
65	9.170	1339	1343	1346	rBV3	17877	19363	0.10%	0.078%
66	9.234	1346	1355	1356	rBV8	12276	26449	0.13%	0.106%
67	9.266	1358	1361	1362	rBV3	7676	7724	0.04%	0.031%
68	9.320	1368	1371	1372	rBV2	9460	8635	0.04%	0.035%
69	9.384	1377	1383	1384	rBV5	13319	19300	0.10%	0.078%
70	9.411	1384	1388	1389	rVV3	9703	12363	0.06%	0.050%
71	9.427	1389	1391	1392	rVV2	12523	6946	0.03%	0.028%
72	9.443	1392	1394	1395	rVV2	4998	4162	0.02%	0.017%
73	9.512	1398	1407	1408	rBV3	22080	38571	0.19%	0.155%
74	9.534	1410	1411	1413	rBV2	8289	5963	0.03%	0.024%
75	9.555	1413	1415	1416	rBV2	6994	5444	0.03%	0.022%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

76	9.577	1416	1419	1421	rVV3	11558	12777	0.06%	0.051%
77	9.619	1425	1427	1428	rBV2	9351	7314	0.04%	0.029%
78	9.652	1431	1433	1434	rBV	10920	6795	0.03%	0.027%
79	10.138	1523	1524	1535	rVB2	20454	27761	0.14%	0.112%
80	10.218	1537	1539	1548	rVB6	13987	19538	0.10%	0.079%
81	10.283	1550	1551	1557	rVB4	3260	2834	0.01%	0.011%
82	10.352	1560	1564	1568	rVB6	9314	11368	0.06%	0.046%
83	10.400	1570	1573	1578	rVB5	6997	7409	0.04%	0.030%
84	10.662	1619	1622	1624	rVB3	5734	5092	0.03%	0.020%
85	10.737	1632	1636	1641	rVB2	342510	345929	1.71%	1.393%
86	11.053	1690	1695	1699	rBV7	3323	6408	0.03%	0.026%
87	11.090	1699	1702	1705	rVB4	7986	8385	0.04%	0.034%
88	11.245	1729	1731	1736	rVB6	2830	3045	0.02%	0.012%
89	11.331	1744	1747	1749	rBV4	2464	2891	0.01%	0.012%
90	11.465	1770	1772	1776	rVB4	3412	3071	0.02%	0.012%
91	11.502	1776	1779	1781	rVB2	4719	4101	0.02%	0.017%
92	11.631	1800	1803	1808	rBV4	3951	5148	0.03%	0.021%
93	11.796	1831	1834	1838	rVB5	4947	5446	0.03%	0.022%
94	11.903	1849	1854	1856	rBV3	8621	11011	0.05%	0.044%
95	11.962	1860	1865	1870	rVB	225967	234743	1.16%	0.945%
96	12.037	1875	1879	1884	rBV5	3524	4077	0.02%	0.016%
97	12.294	1923	1927	1929	rBV4	3710	4267	0.02%	0.017%
98	12.342	1934	1936	1941	rBV5	3361	4650	0.02%	0.019%
99	12.433	1949	1953	1955	rVB5	2855	3747	0.02%	0.015%
100	12.524	1967	1970	1975	rBV6	4653	4231	0.02%	0.017%
101	12.620	1985	1988	1992	rBV2	14378	15757	0.08%	0.063%
102	12.663	1992	1996	1998	rBV5	7505	8015	0.04%	0.032%
103	12.706	1998	2004	2006	rBV6	12464	21556	0.11%	0.087%
104	12.722	2006	2007	2011	rVB4	6523	7544	0.04%	0.030%
105	12.834	2026	2028	2032	rBV5	5296	6685	0.03%	0.027%
106	12.957	2049	2051	2053	rBV3	2900	2701	0.01%	0.011%
107	12.973	2053	2054	2060	rVB6	3479	3428	0.02%	0.014%
108	13.021	2060	2063	2066	rBV4	2802	3399	0.02%	0.014%
109	13.085	2072	2075	2079	rBV2	20385	21154	0.10%	0.085%
110	13.171	2086	2091	2093	rBV4	8155	8419	0.04%	0.034%
111	13.374	2125	2129	2133	rVB3	22547	22687	0.11%	0.091%
112	13.444	2133	2142	2150	rBV3	17611	46917	0.23%	0.189%
113	13.556	2159	2163	2172	rVB	263721	295038	1.46%	1.188%
114	13.642	2174	2179	2180	rBV5	4134	3961	0.02%	0.016%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	13.711	2189	2192	2196	rBV6	5772	5798	0.03%	0.023%
116	13.743	2196	2198	2201	rVB4	3521	3349	0.02%	0.013%
117	13.791	2201	2207	2209	rBV6	4197	7971	0.04%	0.032%
118	13.872	2217	2222	2225	rBV6	6119	9186	0.05%	0.037%
119	13.909	2225	2229	2232	rBV6	2511	2724	0.01%	0.011%
120	13.936	2232	2234	2235	rBV2	3893	2570	0.01%	0.010%
121	14.043	2249	2254	2257	rBV2	29642	33369	0.17%	0.134%
122	14.123	2262	2269	2271	rBV6	11361	19998	0.10%	0.081%
123	14.203	2282	2284	2289	rVB6	6638	8393	0.04%	0.034%
124	14.262	2292	2295	2298	rBV5	5694	7503	0.04%	0.030%
125	14.283	2298	2299	2302	rVB3	5825	3939	0.02%	0.016%
126	14.380	2314	2317	2322	rVB7	4659	6532	0.03%	0.026%
127	14.487	2334	2337	2340	rBV5	3677	2860	0.01%	0.012%
128	14.508	2340	2341	2344	rBV3	4325	3057	0.02%	0.012%
129	14.540	2344	2347	2349	rBV4	3934	3454	0.02%	0.014%
130	14.599	2355	2358	2359	rBV3	3507	2914	0.01%	0.012%
131	14.663	2367	2370	2374	rBV6	8476	10892	0.05%	0.044%
132	14.722	2378	2381	2387	rBV8	11686	14212	0.07%	0.057%
133	14.776	2387	2391	2396	rVB8	8517	12438	0.06%	0.050%
134	14.840	2399	2403	2407	rBV7	10540	15201	0.08%	0.061%
135	14.877	2407	2410	2412	rBV4	6301	7516	0.04%	0.030%
136	14.915	2414	2417	2420	rBV5	3412	4572	0.02%	0.018%
137	15.032	2434	2439	2444	rBV8	29183	43735	0.22%	0.176%
138	15.129	2454	2457	2460	rVV5	4689	4752	0.02%	0.019%
139	15.235	2474	2477	2479	rBV4	4026	5183	0.03%	0.021%
140	15.252	2479	2480	2483	rVB3	4800	3477	0.02%	0.014%
141	15.401	2507	2508	2511	rBV3	3458	3390	0.02%	0.014%
142	15.455	2513	2518	2521	rBV7	7306	9329	0.05%	0.038%
143	15.524	2526	2531	2532	rBV5	5503	8012	0.04%	0.032%
144	15.546	2532	2535	2539	rVV7	9202	13698	0.07%	0.055%
145	15.572	2539	2540	2543	rVB3	3815	3265	0.02%	0.013%
146	15.647	2552	2554	2556	rVB3	4491	2649	0.01%	0.011%
147	15.663	2556	2557	2559	rBV2	3882	2600	0.01%	0.010%
148	15.829	2581	2588	2597	rBV2	33026	62257	0.31%	0.251%
149	15.904	2600	2602	2608	rVB7	4461	5082	0.03%	0.020%
150	16.107	2635	2640	2642	rBV6	2887	3458	0.02%	0.014%
151	16.129	2642	2644	2646	rVB3	4049	3433	0.02%	0.014%
152	16.150	2646	2648	2650	rBV3	3800	3252	0.02%	0.013%
153	16.172	2650	2652	2655	rBV3	4502	4161	0.02%	0.017%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

154	16.241	2662	2665	2673	rVB9	6373	13504	0.07%	0.054%
155	16.380	2688	2691	2692	rBV3	4636	4487	0.02%	0.018%
156	16.418	2695	2698	2701	rVB5	3182	3501	0.02%	0.014%

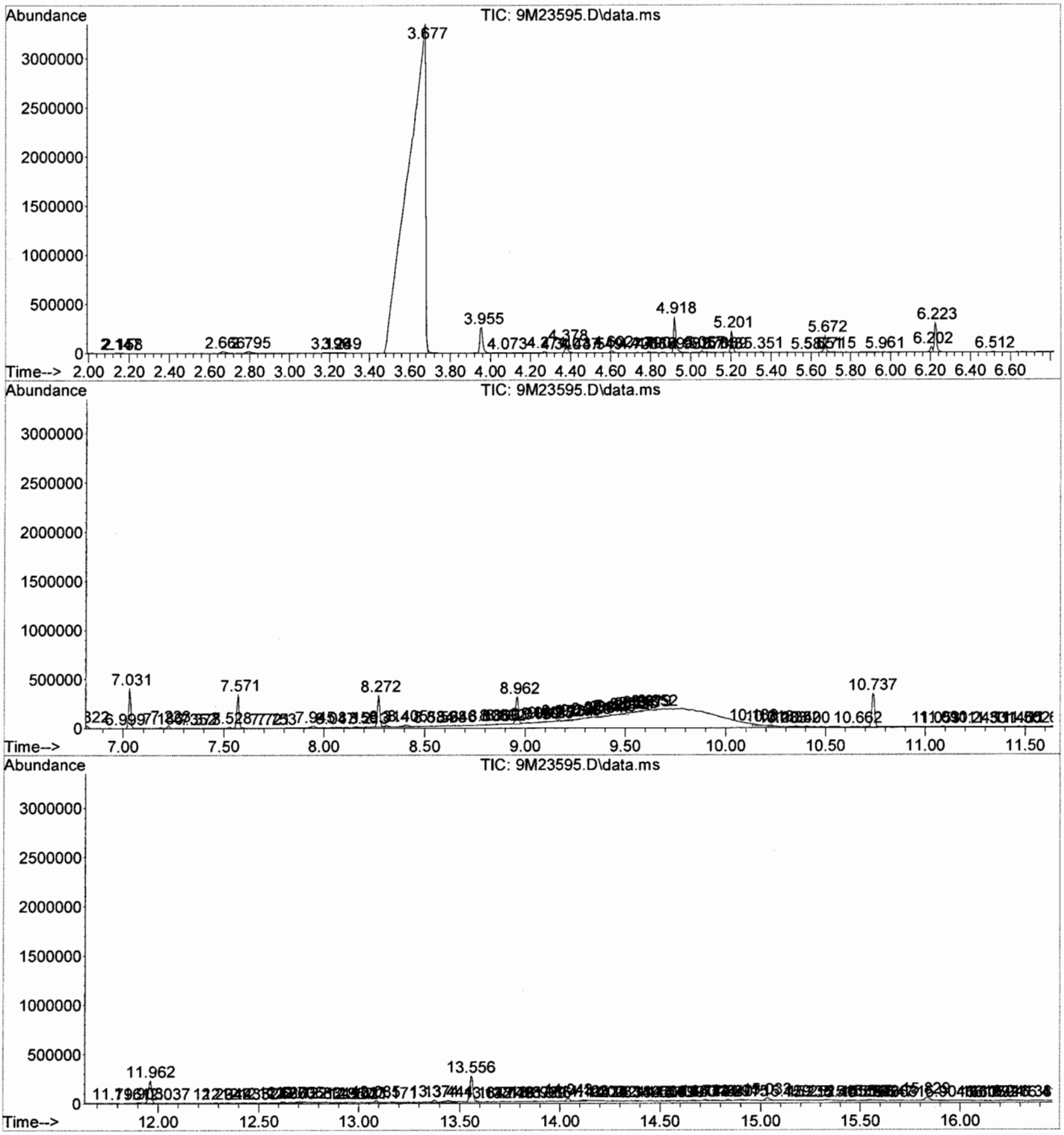
Sum of corrected areas: 24839969

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

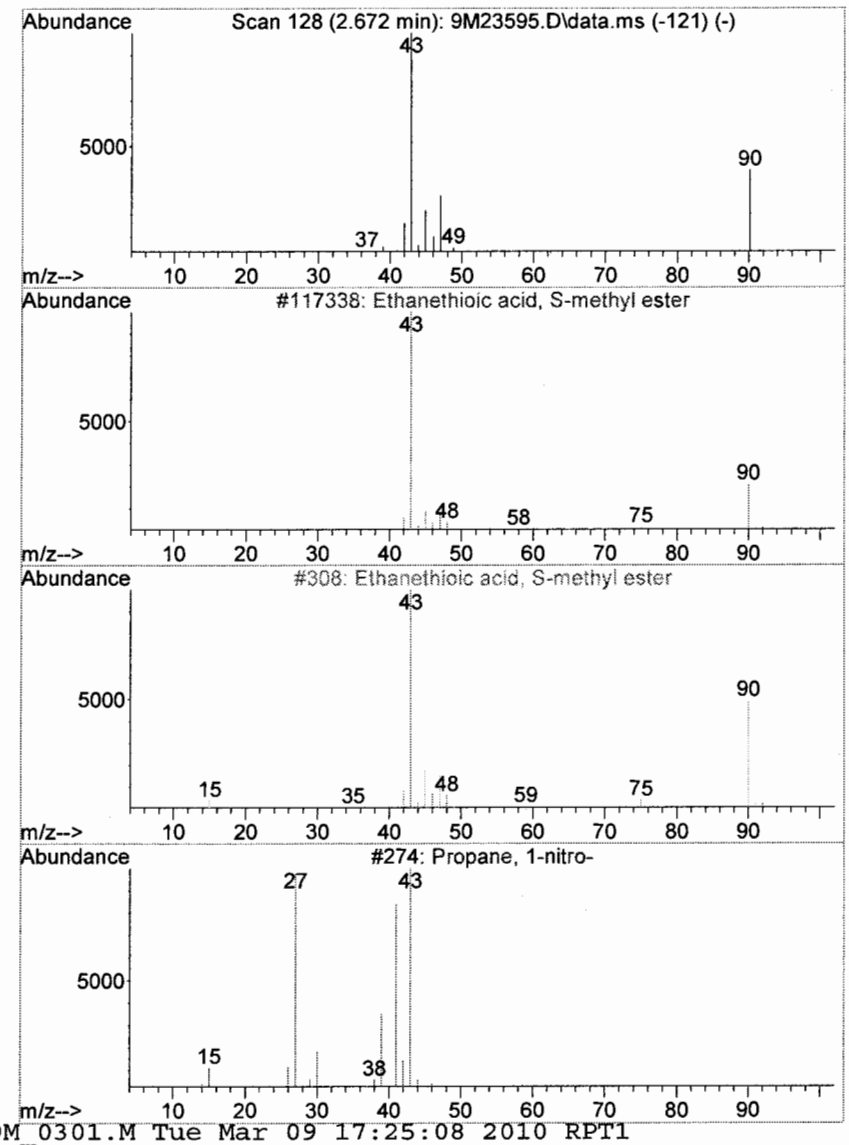
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

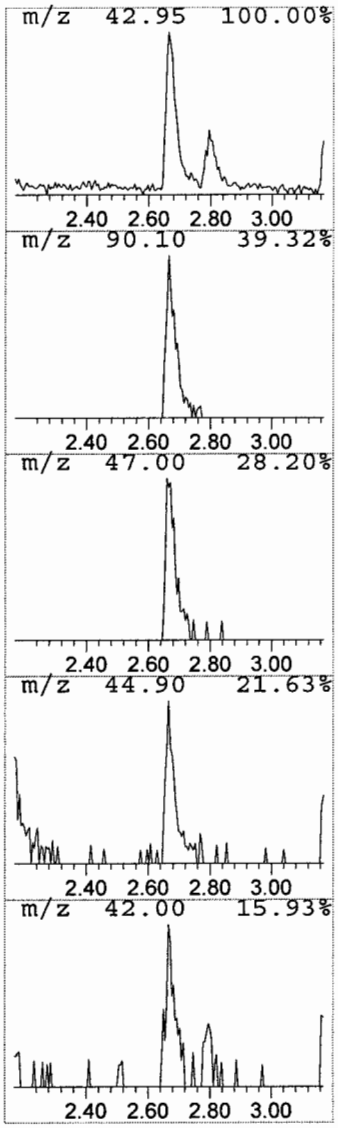
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanethioic acid, S-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.67	9.08 ng	38124	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethioic acid, S-methyl ester	90	C3H6OS	001534-08-3	53
2	Ethanethioic acid, S-methyl ester	90	C3H6OS	001534-08-3	9
3	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
4	3-Fluoro-2-butanone	90	C4H7FO	000814-79-9	5
5	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	4





Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

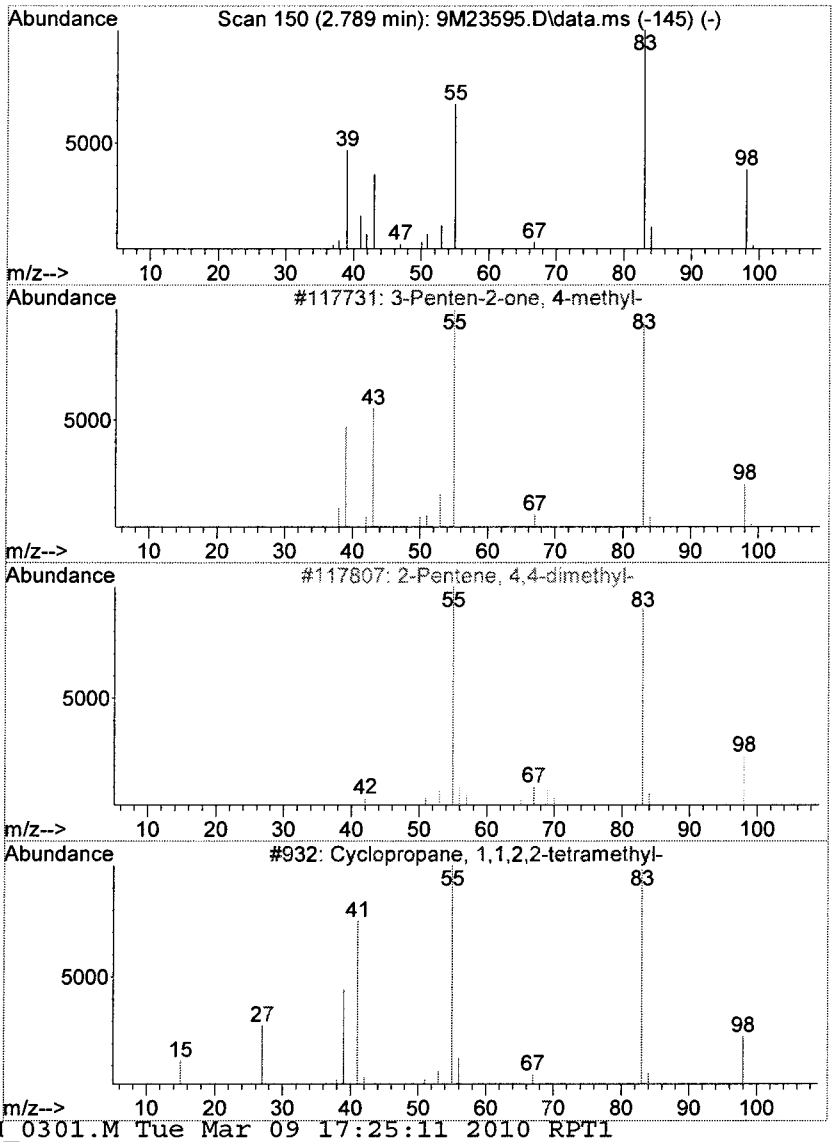
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

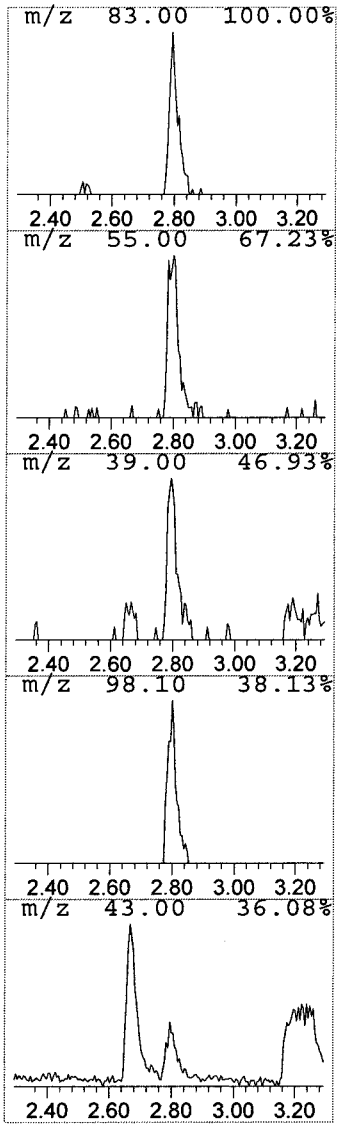
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	9.28 ng	38971	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	64
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	58
5	3-Hexen-2-one	98	C6H10O	000763-93-9	58





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

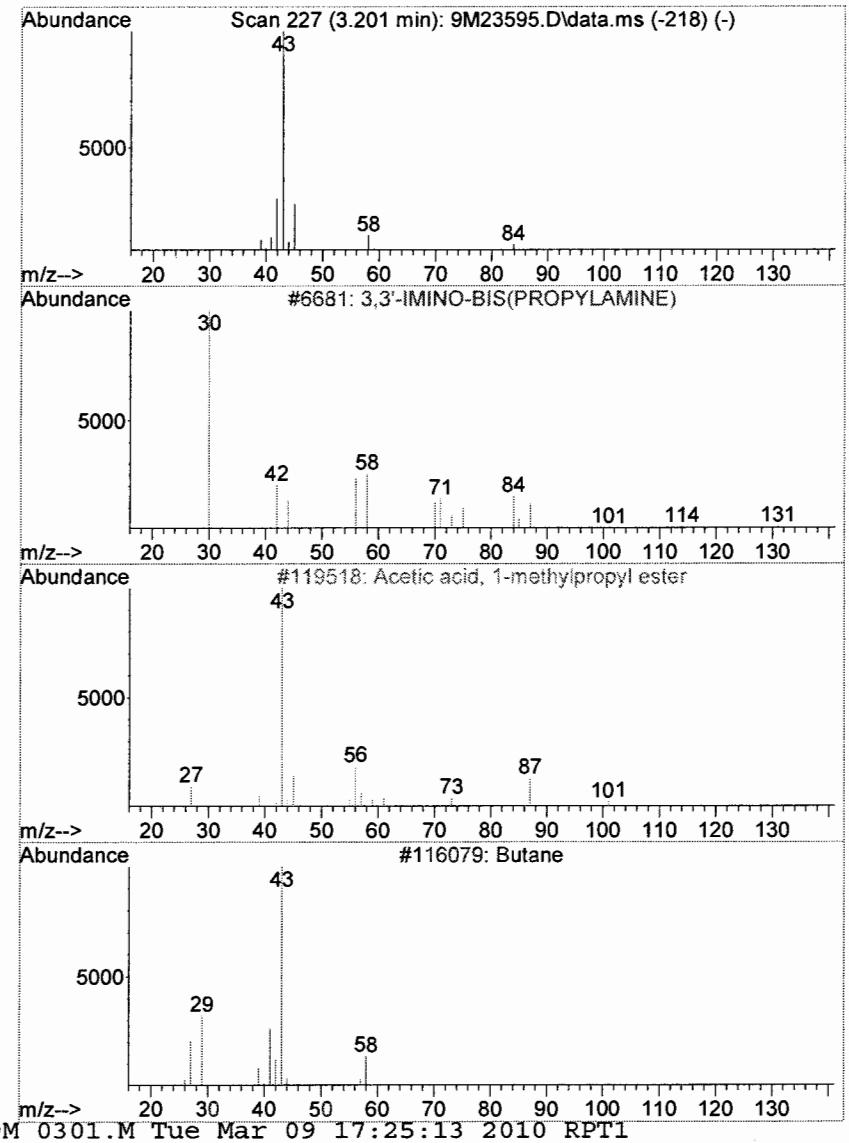
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

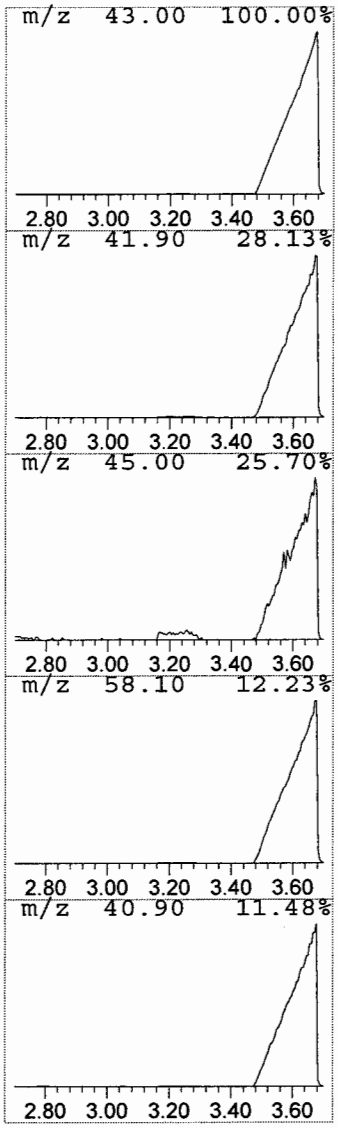
****

Peak Number 3 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	4.37 ng	18342	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-IMINO-BIS(PROPYLAMINE)	131	C6H17N3	000000-00-0	9
2	Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9
3	Butane	58	C4H10	000106-97-8	7
4	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	5
5	Butane	58	C4H10	000106-97-8	5





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

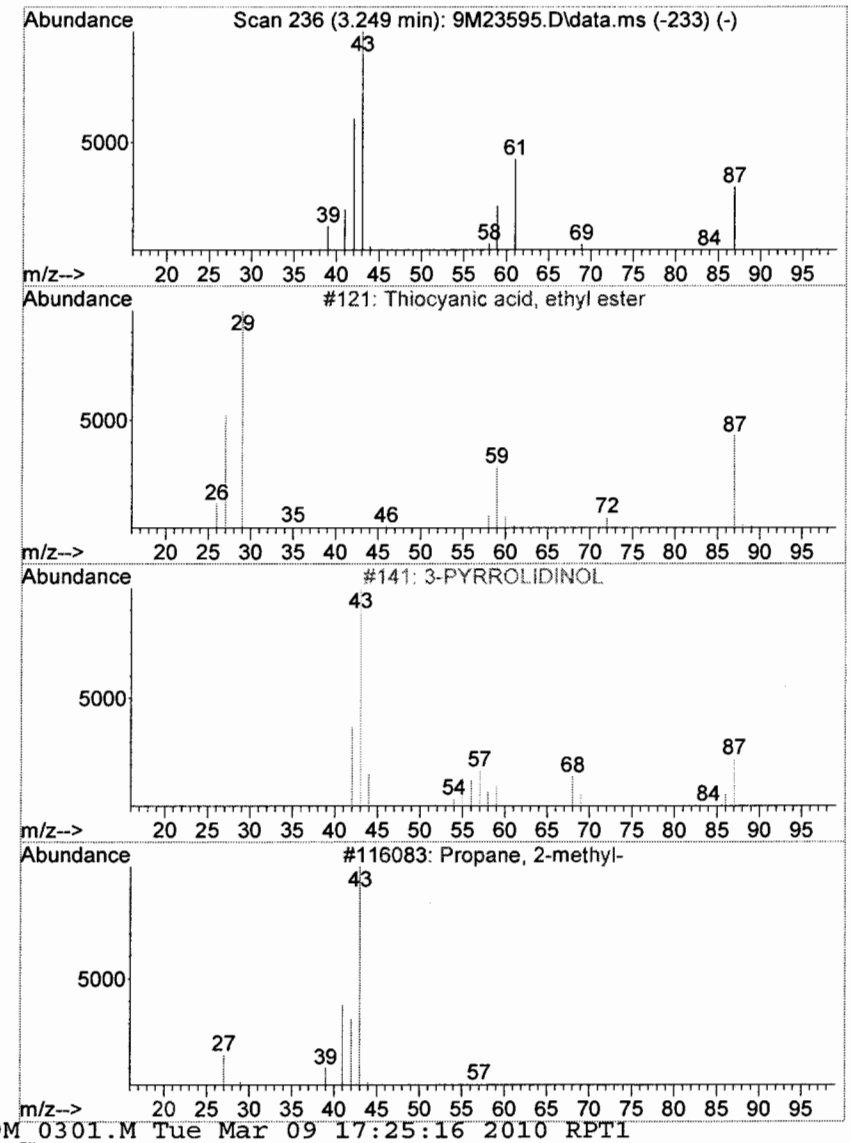
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

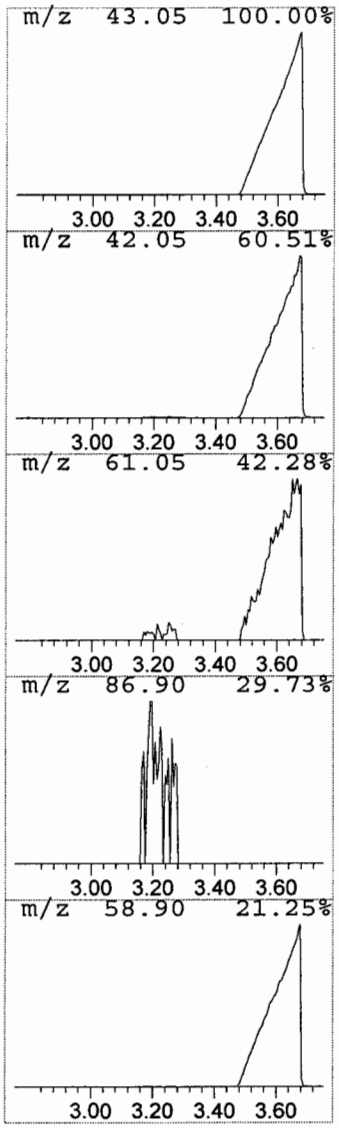
****

Peak Number 4 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	4.63 ng	19436	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	7
2	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	5
3	Propane, 2-methyl-	58	C4H10	000075-28-5	4
4	1-Propanamine	59	C3H9N	000107-10-8	4
5	Ethanol, 2-amino-	61	C2H7NO	000141-43-5	4





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

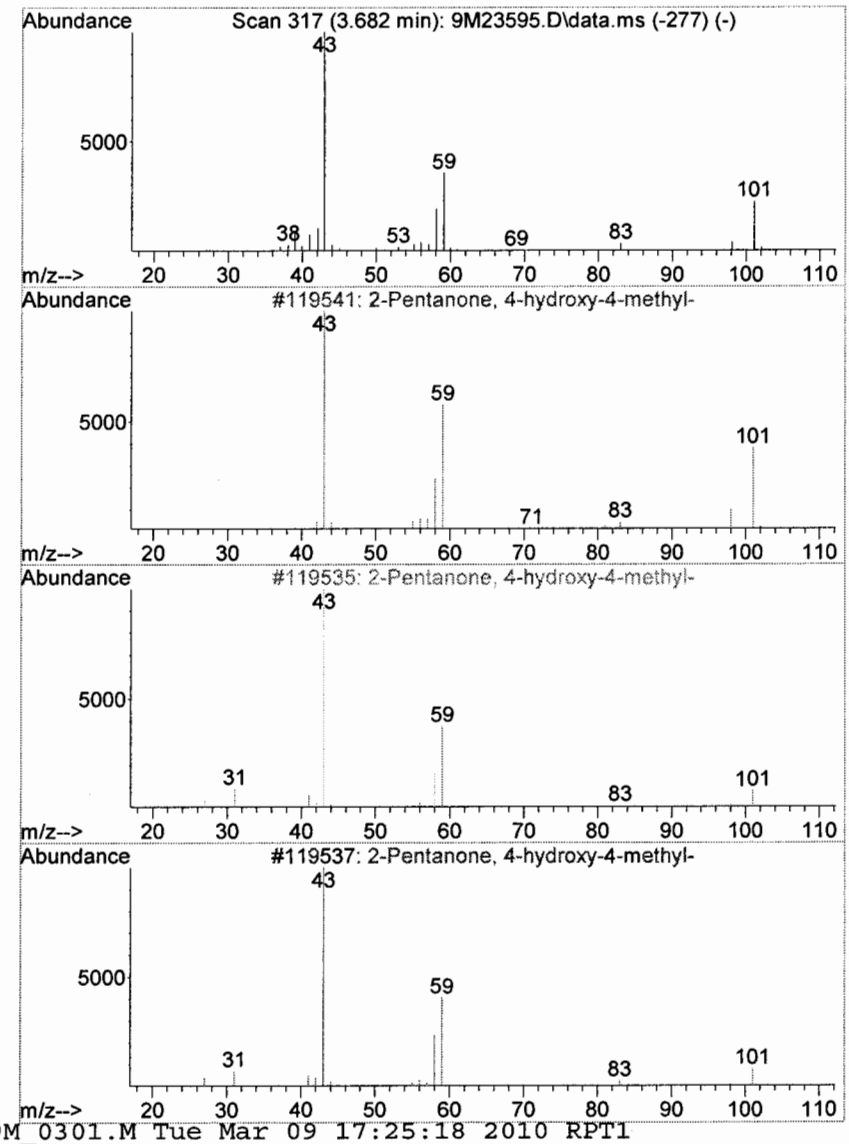
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

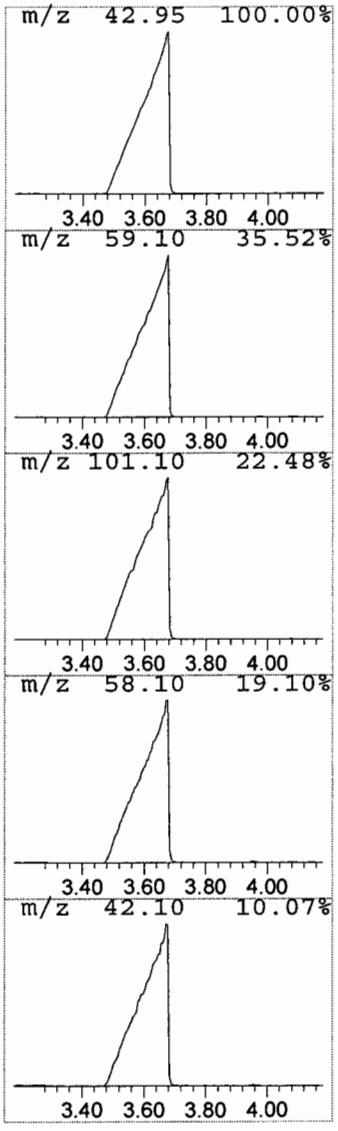
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	4808.66 ng	20197457	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39





Library Search Compound Report

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Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

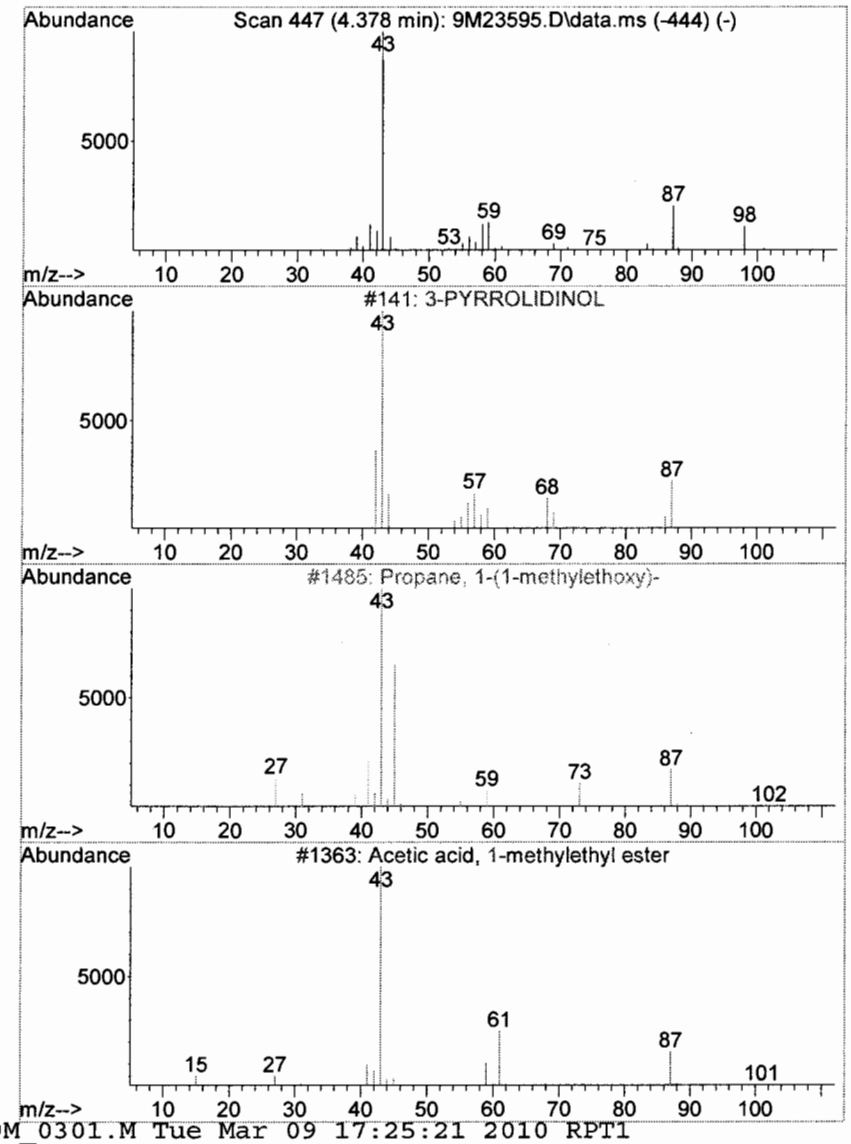
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

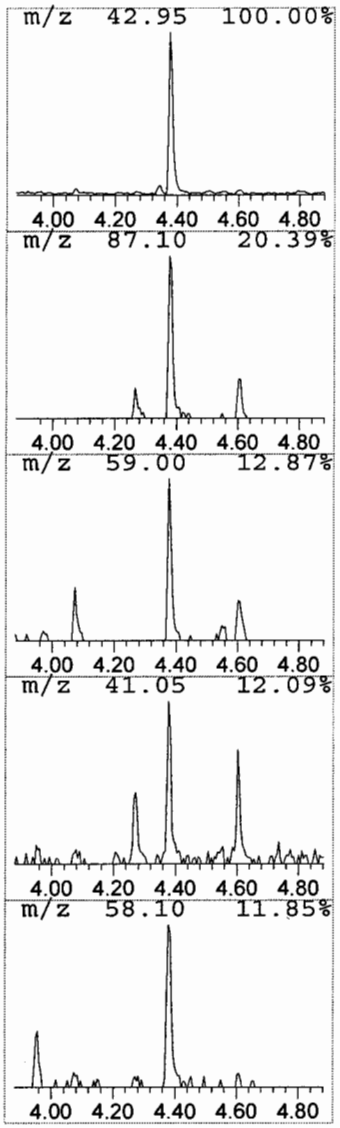
****

Peak Number 6 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	19.03 ng	79949	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	42
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38
3	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	33
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	12
5	Ethanol, 2-(2-ethoxyethoxy)-, ac...	176	C8H16O4	000112-15-2	10





Library Search Compound Report

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Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

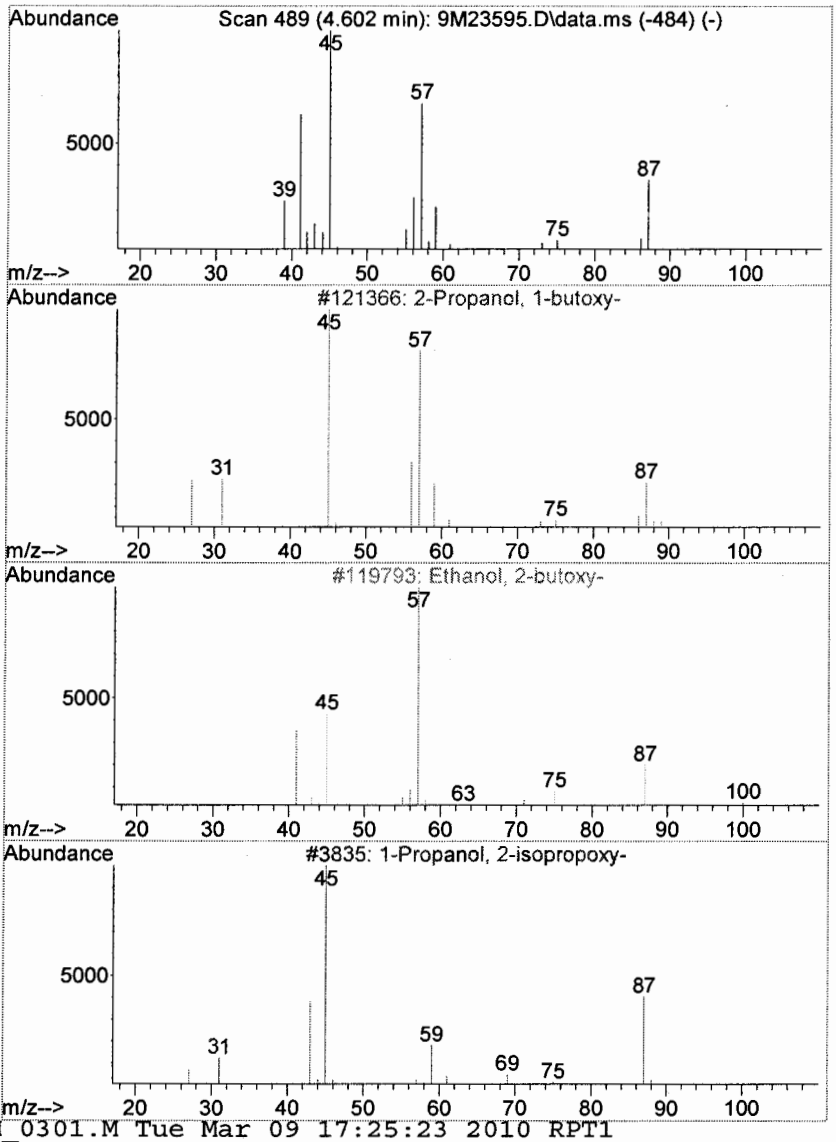
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

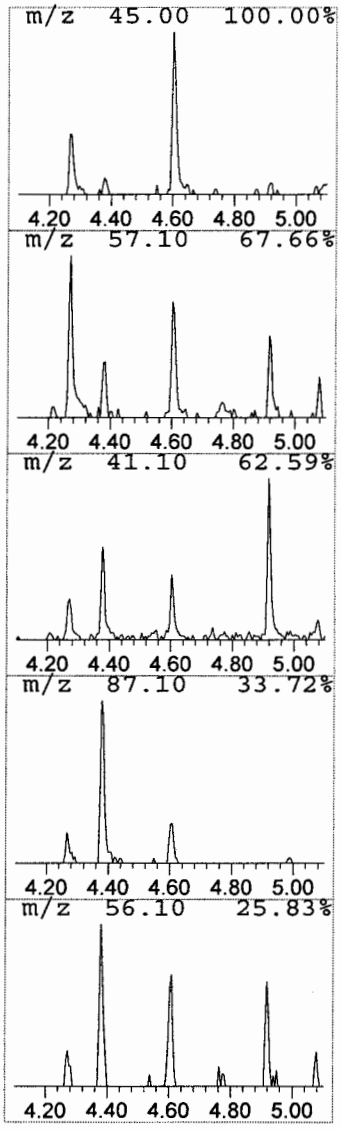
****

Peak Number 7 2-Propanol, 1-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	6.37 ng	26761	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	72
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	47
3	1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	45
4	2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	40
5	2-Butanol	74	C4H10O	000078-92-2	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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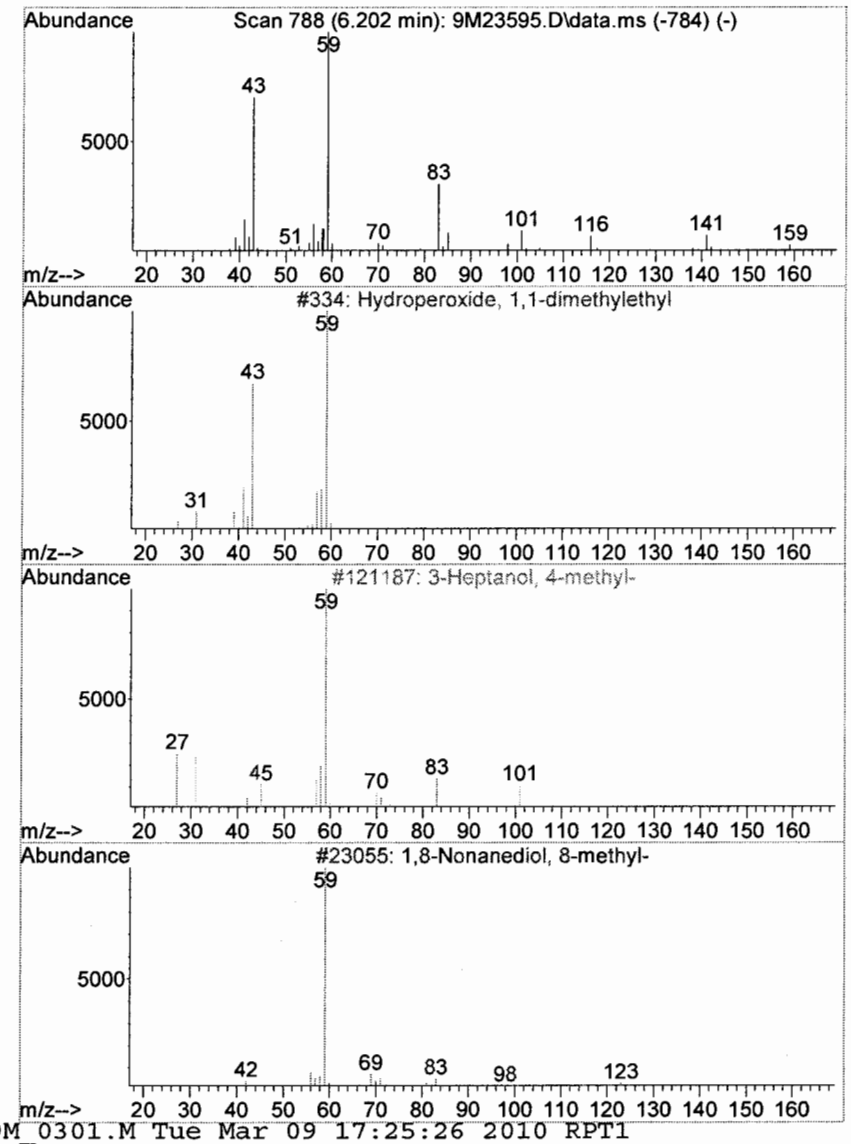
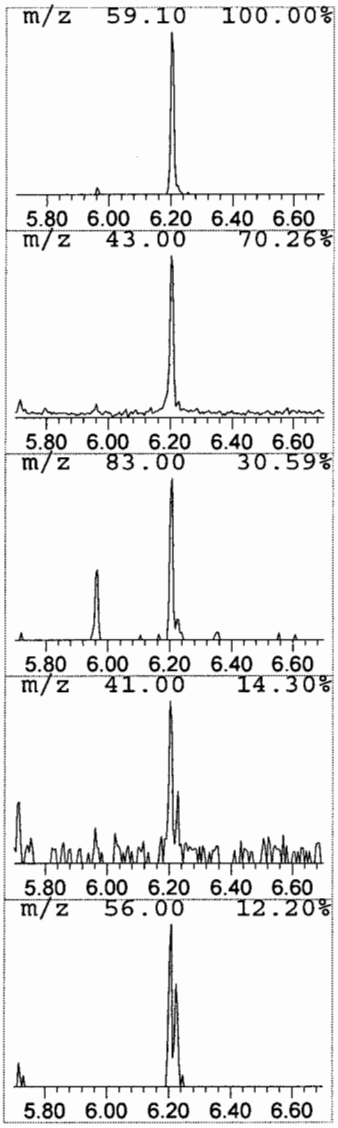
Peak Number 8 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	6.22 ng	45240	LibIS-Naphthalene-d8	6.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroperoxide, 1,1-dimethylethyl	90	C4H10O2	000075-91-2	50
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	45
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	40
4	6-0-Ethylhexitol 1,2,3,4,5-penta...	420	C18H27DO11	000000-00-0	40
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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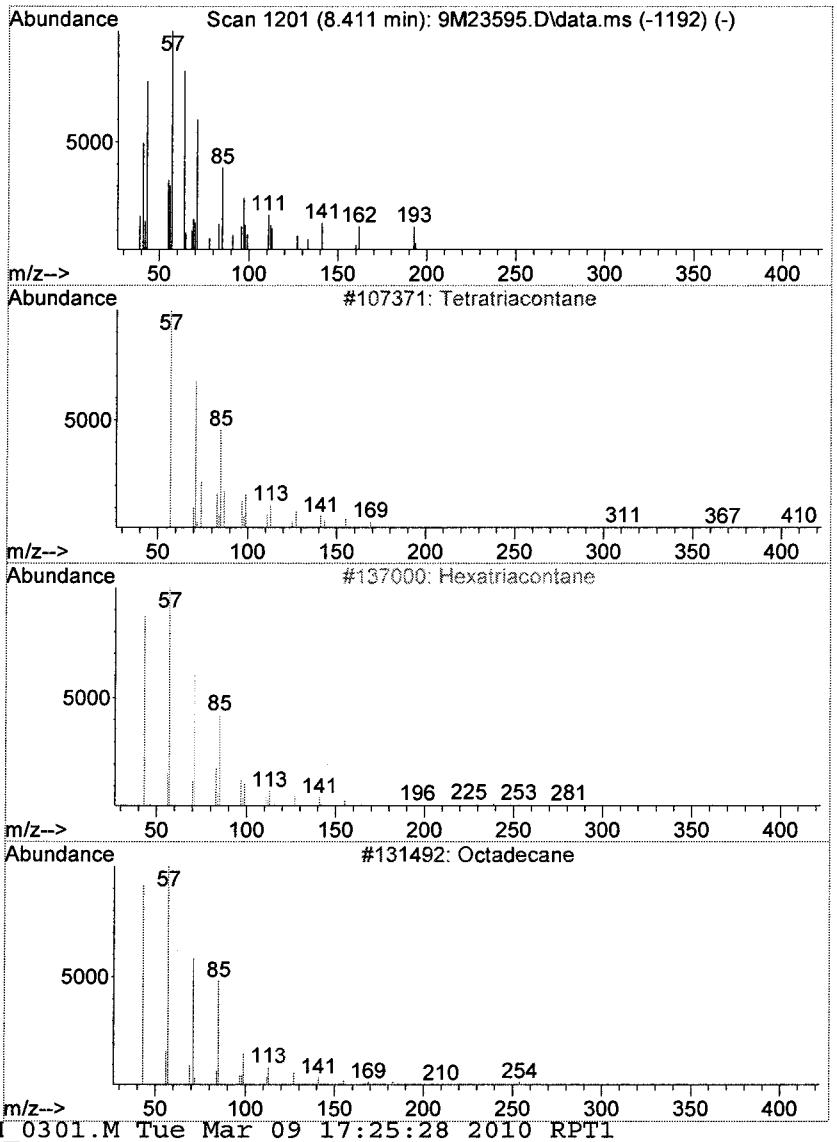
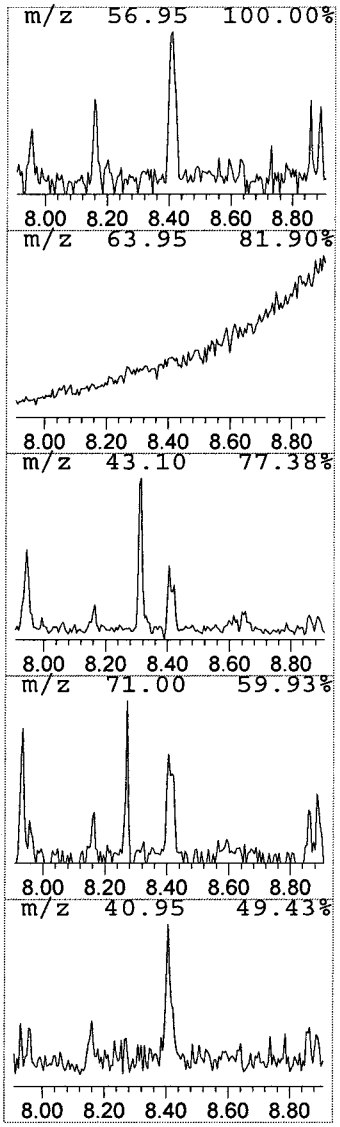
Peak Number 9 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	6.03 ng	43061	LibIS-Phenanthrene-d10	8.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontane	479	C34H70	014167-59-0	30
2	Hexatriacontane	507	C36H74	000630-06-8	27
3	Octadecane	254	C18H38	000593-45-3	27
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27
5	Octacosane	394	C28H58	000630-02-4	27





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

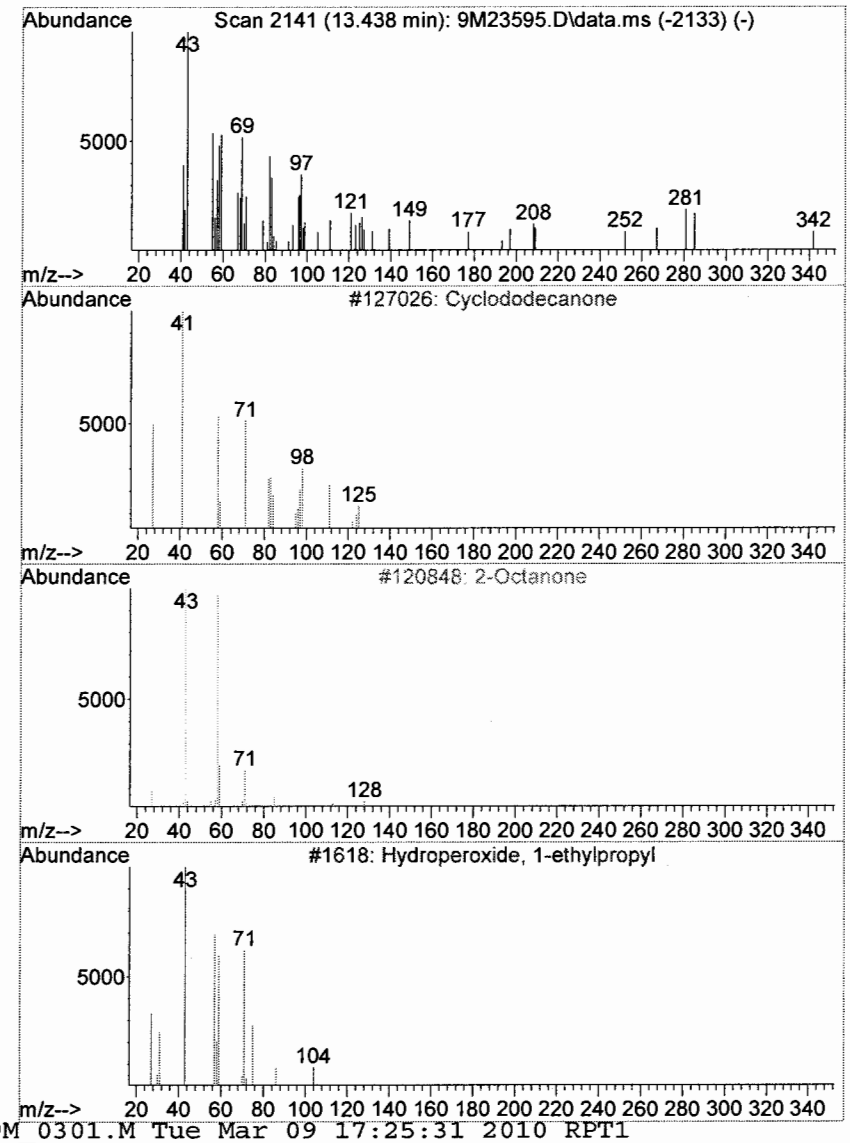
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

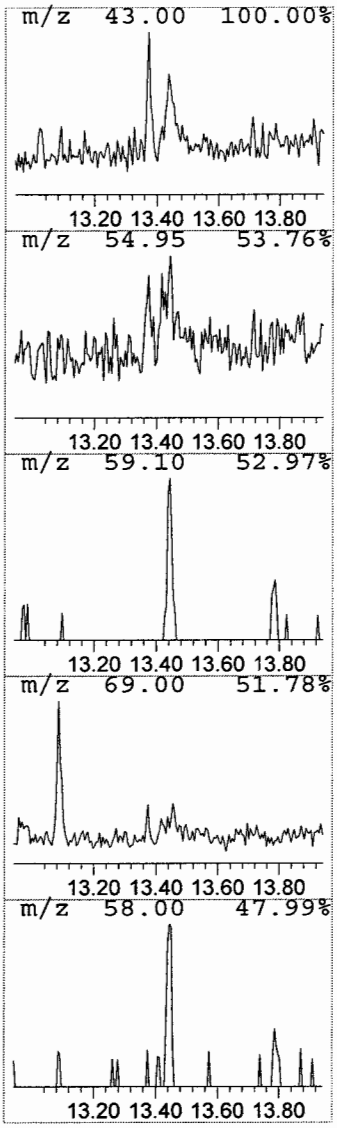
****

Peak Number 11 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	6.32 ng	46917	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone	182	C12H22O	000830-13-7	25
2	2-Octanone	128	C8H16O	000111-13-7	22
3	Hydroperoxide, 1-ethylpropyl	104	C5H12O2	024254-57-7	22
4	2-Octanone	128	C8H16O	000111-13-7	22
5	1-Octadecene	252	C18H36	000112-88-9	16





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

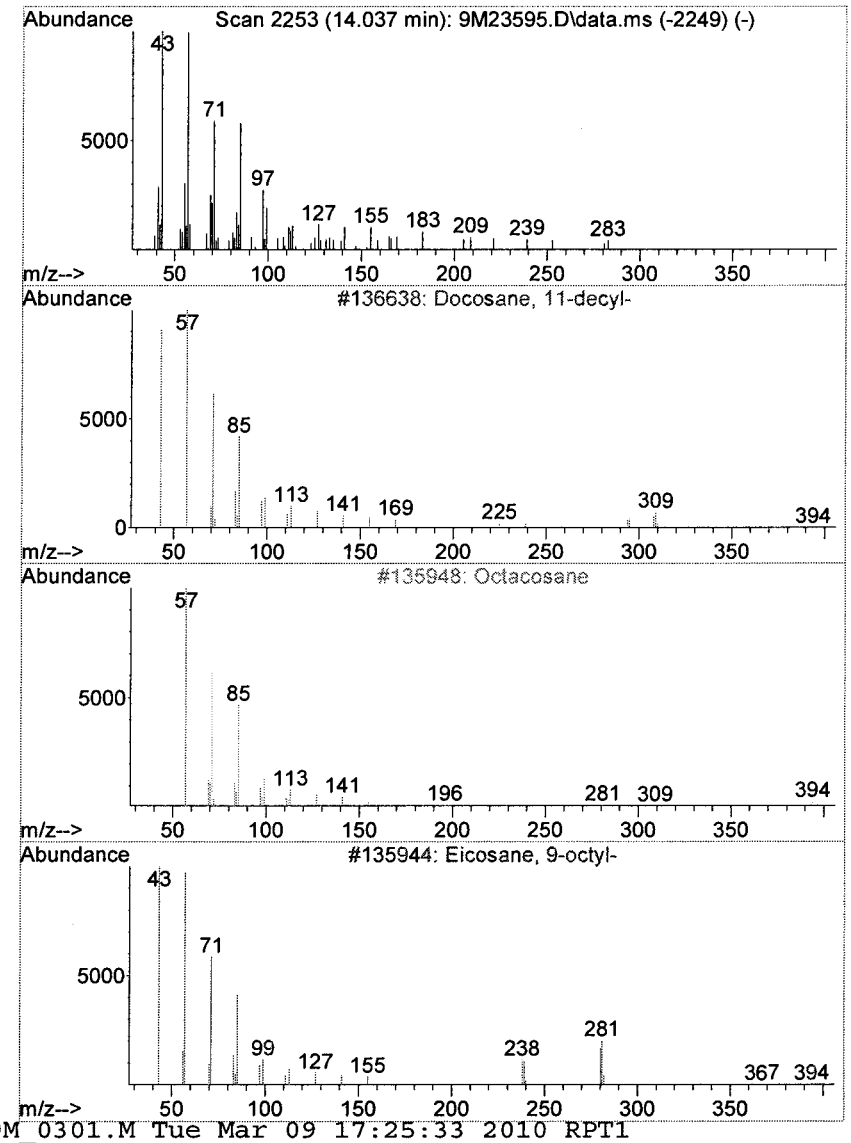
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

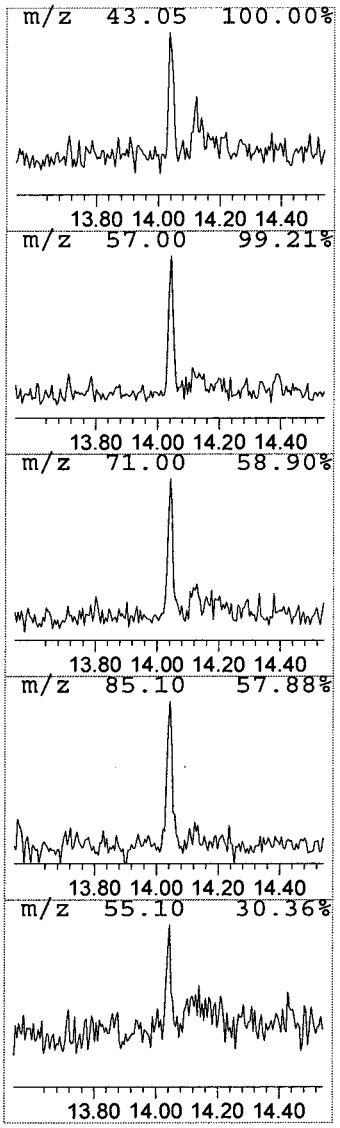
****

Peak Number 12 Docosane, 11-decyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	4.49 ng	33369	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	74
2	Octacosane	394	C28H58	000630-02-4	74
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72
4	Dotriacontane	451	C32H66	000544-85-4	72
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	72





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

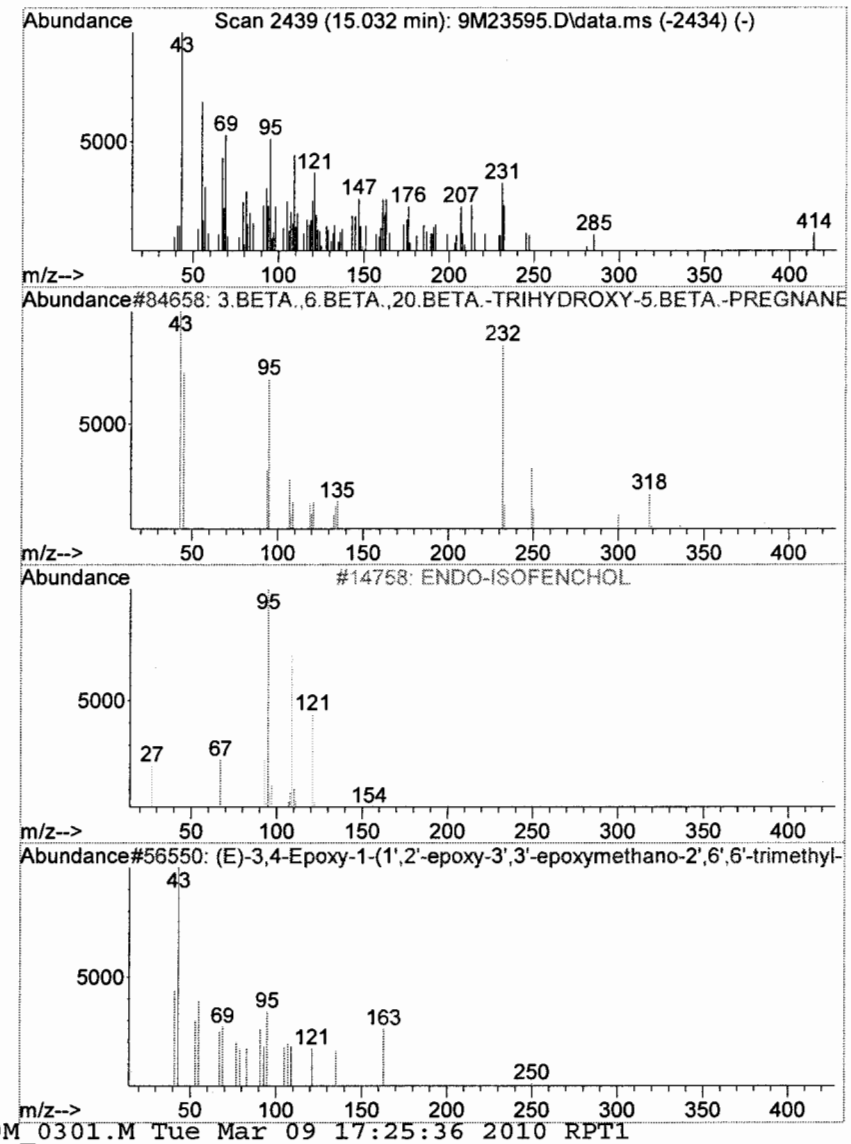
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

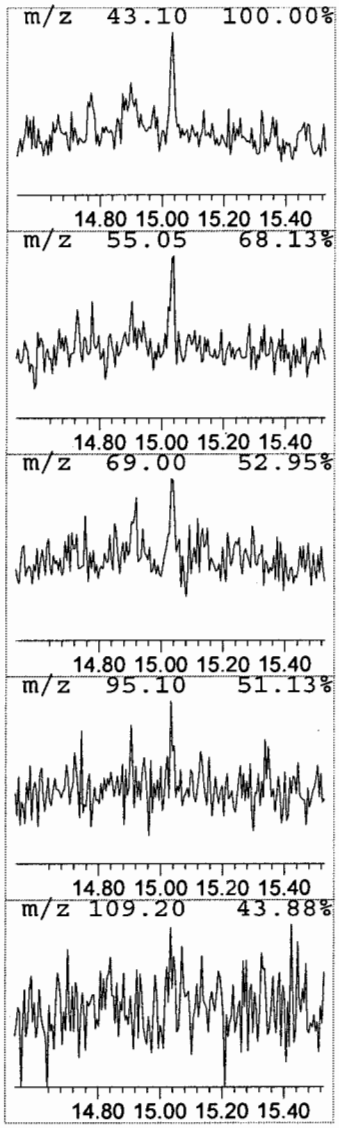
****

Peak Number 13 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.89 ng	43735	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3.BETA.,6.BETA.,20.BETA.-TRIHYDR...	336	C21H36O3	070286-66-7	14
2	ENDO-ISOFENCHOL	154	C10H18O	000000-00-0	12
3	(E)-3,4-Epoxy-1-(1',2'-epoxy-3',...	250	C15H22O3	091186-32-2	12
4	DIHYDROIONONE	194	C13H22O	000000-00-0	12
5	2-Butanone, 4-(2,6,6-trimethyl-2...	194	C13H22O	039721-65-8	12





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

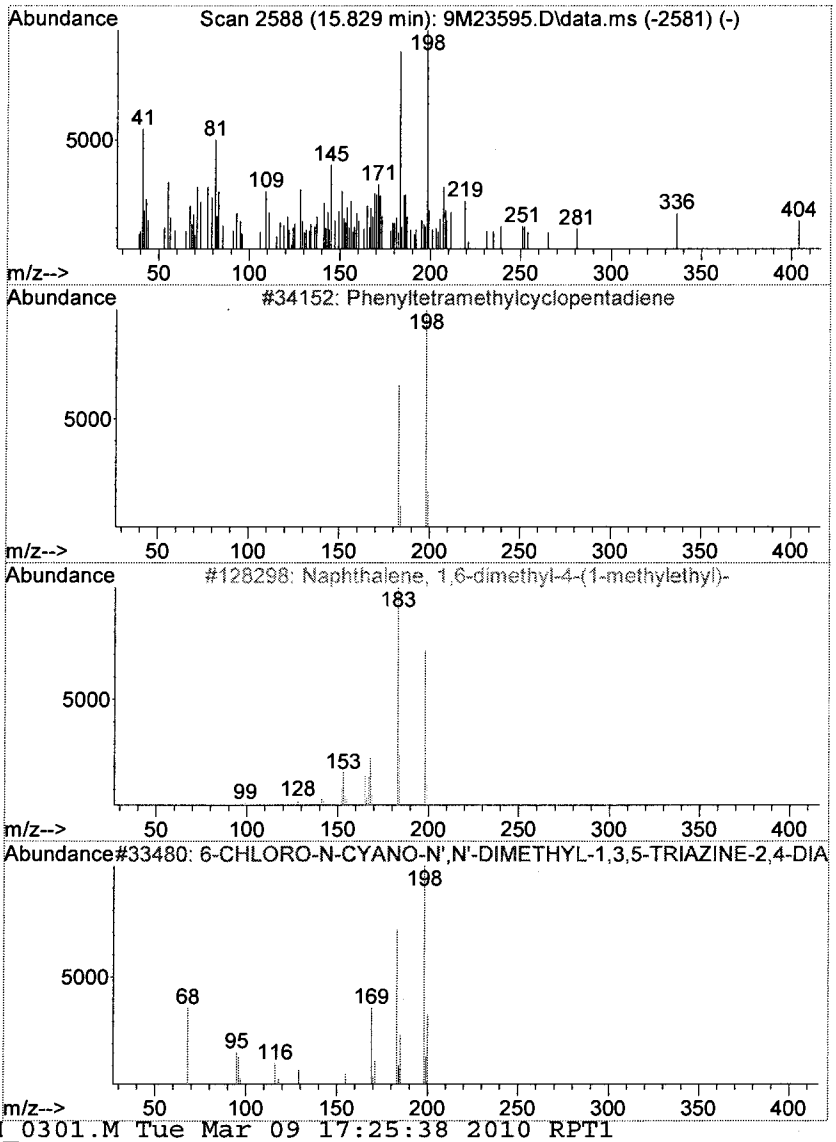
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

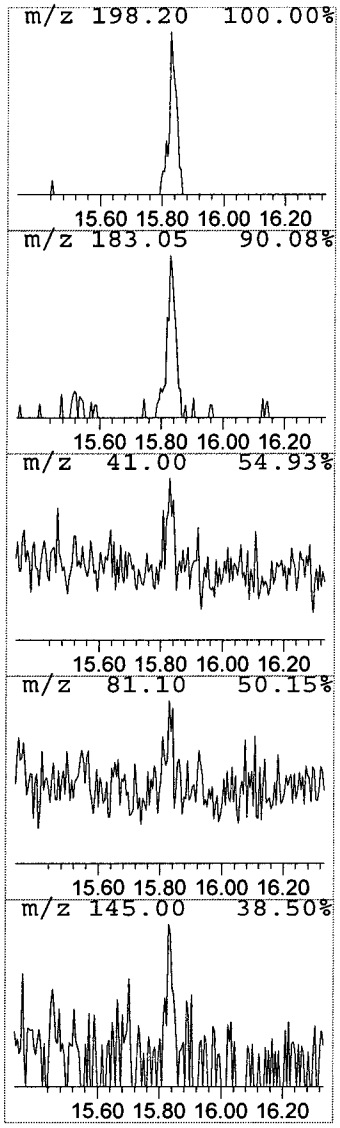
****

Peak Number 14 Phenyltetramethylcyclopenta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	8.38 ng	62257	LibIS-Perylene-d12	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenyltetramethylcyclopentadiene	198	C15H18	064417-14-7	59
2	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	50
3	6-CHLORO-N-CYANO-N',N'-DIMETHYL-...	198	C6H7ClN6	084139-48-0	46
4	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	38
5	4-METHYL-2-BENZYLPHENOL	198	C14H14O	028994-44-7	35





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23595.D
Acq On : 5 Mar 2010 18:28
Operator : AHD
Sample : AC50108-004
Misc : S,BNA
ALS Vial : 15 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc
Ethanethioic acid...	2.67	9.1	ng	38124	1	5.20	5.20	168009	40.0
3-Penten-2-one, 4...	2.79	9.3	ng	38971	1	5.20	5.20	168009	40.0
unknown	3.20	4.4	ng	18342	1	5.20	5.20	168009	40.0
unknown	3.25	4.6	ng	19436	1	5.20	5.20	168009	40.0
2-Pentanone, 4-hy...	3.68	4808.7	ng	20197457	1	5.20	5.20	168009	40.0
unknown	4.38	19.0	ng	79949	1	5.20	5.20	168009	40.0
2-Propanol, 1-but...	4.60	6.4	ng	26761	1	5.20	5.20	168009	40.0
unknown	6.20	6.2	ng	45240	2	6.22	6.22	291095	40.0
unknown	8.41	6.0	ng	43061	4	8.96	8.96	285811	40.0
unknown	13.44	6.3	ng	46917	6	13.56	13.56	297032	40.0
Docosane, 11-decyl-	14.04	4.5	ng	33369	6	13.56	13.56	297032	40.0
unknown	15.03	5.9	ng	43735	6	13.56	13.56	297032	40.0
Phenyltetramethyl...	15.83	8.4	ng	62257	6	13.56	13.56	297032	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50108-005(5X)
Client Id: PI-01-TP-RAN3030210S01
Data File: 9M23612.D
Analysis Date: 03/08/10 10:31
Date Rec/Extracted: 03/04/10-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 58

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.57	U	**191-24-2**	**Benzo[g,h,i]perylene**	**0.57**	**1.2**
122-66-7	1,2-Diphenylhydrazine	0.57	U	207-08-9	Benzo[k]fluoranthene	0.57	U
95-95-4	2,4,5-Trichlorophenol	0.57	U	65-85-0	Benzoic Acid	2.9	U
88-06-2	2,4,6-Trichlorophenol	0.57	U	111-91-1	bis(2-Chloroethoxy)methan	0.57	U
120-83-2	2,4-Dichlorophenol	0.57	U	111-44-4	bis(2-Chloroethyl)ether	0.57	U
105-67-9	2,4-Dimethylphenol	0.57	U	108-60-1	bis(2-chloroisopropyl)ether	0.57	U
51-28-5	2,4-Dinitrophenol	2.9	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.57	U
121-14-2	2,4-Dinitrotoluene	0.57	U	85-68-7	Butylbenzylphthalate	0.57	U
606-20-2	2,6-Dinitrotoluene	0.57	U	86-74-8	Carbazole	0.57	U
91-58-7	2-Chloronaphthalene	0.57	U	**218-01-9**	**Chrysene**	**0.57**	**2.8**
95-57-8	2-Chlorophenol	0.57	U	53-70-3	Dibenzo[a,h]anthracene	0.57	U
91-57-6	**2-Methylnaphthalene**	**0.57**	**13**	132-64-9	Dibenzofuran	0.57	U
95-48-7	2-Methylphenol	0.57	U	84-66-2	Diethylphthalate	0.57	U
88-74-4	2-Nitroaniline	0.57	U	131-11-3	Dimethylphthalate	0.57	U
88-75-5	2-Nitrophenol	0.57	U	84-74-2	Di-n-butylphthalate	0.57	U
106-44-5	3&4-Methylphenol	0.57	U	117-84-0	Di-n-octylphthalate	0.57	U
91-94-1	3,3'-Dichlorobenzidine	0.57	U	**206-44-0**	**Fluoranthene**	**0.57**	**1.4**
99-09-2	3-Nitroaniline	0.57	U	**86-73-7**	**Fluorene**	**0.57**	**2.6**
534-52-1	4,6-Dinitro-2-methylphenol	2.9	U	118-74-1	Hexachlorobenzene	0.57	U
101-55-3	4-Bromophenyl-phenylether	0.57	U	87-68-3	Hexachlorobutadiene	0.57	U
59-50-7	4-Chloro-3-methylphenol	0.57	U	77-47-4	Hexachlorocyclopentadiene	2.9	U
106-47-8	4-Chloroaniline	0.57	U	67-72-1	Hexachloroethane	0.57	U
7005-72-3	4-Chlorophenyl-phenylether	0.57	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.57	U
100-01-6	4-Nitroaniline	0.57	U	78-59-1	Isophorone	0.57	U
100-02-7	4-Nitrophenol	0.57	U	**91-20-3**	**Naphthalene**	**0.57**	**0.83**
83-32-9	**Acenaphthene**	**0.57**	**1.6**	98-95-3	Nitrobenzene	0.57	U
208-96-8	Acenaphthylene	0.57	U	62-75-9	N-Nitrosodimethylamine	0.57	U
62-53-3	Aniline	0.57	U	621-64-7	N-Nitroso-di-n-propylamine	0.57	U
120-12-7	**Anthracene**	**0.57**	**2.2**	86-30-6	n-Nitrosodiphenylamine	0.57	U
92-87-5	Benzidine	2.9	U	87-86-5	Pentachlorophenol	2.9	U
56-55-3	**Benzo[a]anthracene**	**0.57**	**1.9**	**85-01-8**	**Phenanthrene**	**0.57**	**11**
50-32-8	**Benzo[a]pyrene**	**0.57**	**1.2**	108-95-2	Phenol	0.57	U
205-99-2	**Benzo[b]fluoranthene**	**0.57**	**0.67**	**129-00-0**	**Pyrene**	**0.57**	**8.1**

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.
R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50108-005(5X)
Client Id: PI-01-TP-RAN3030210
Data File: 9M23612.D
Analysis Date: 03/08/10 10:31
Date Rec/Extracted: 03/04/10-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 5
Solids: 58
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.55	290 JAB
2	90-12-0	Naphthalene, 1-methyl-	6.82	11 J
3	1127-76-0	Naphthalene, 1-ethyl-	7.17	7.3 J
4	571-61-9	Naphthalene, 1,5-dimethyl-	7.22	14 J
5	575-41-7	Naphthalene, 1,3-dimethyl-	7.28	13 J
6	581-42-0	Naphthalene, 2,6-dimethyl-	7.30	7.8 J
7	581-40-8	Naphthalene, 2,3-dimethyl-	7.37	6.8 J
8	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.65	10 J
9	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.73	9.0 J
10	2131-41-1	Naphthalene, 1,4,5-trimethyl-	7.91	7.6 J
11	1430-97-3	9H-Fluorene, 2-methyl-	8.58	7.4 J
12	629-62-9	Pentadecane	8.87	8.6 J
13	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.07	7.4 J
14	16587-52-3	Dibenzothiophene, 3-methyl-	9.29	8.7 J
15	832-64-4	Phenanthrene, 4-methyl-	9.48	15 J
16	613-12-7	Anthracene, 2-methyl-	9.51	18 J
17	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.59	14 J
18	87221-28-1	(E)-6-Ethylidene-6H-dibenzo[b,d]thiopyr	9.63	8.9 J
19	3674-66-6	Phenanthrene, 2,5-dimethyl-	9.98	10 J
20	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.02	11 J
21	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.10	22 J
22	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.13	11 J
23	781-43-1	Anthracene, 9,10-dimethyl-	10.20	7.9 J
24		unknown	10.34	9.1 J
25	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.62	8.8 J

Worksheet #: 144678

Total Tentatively Identified Concentration 540

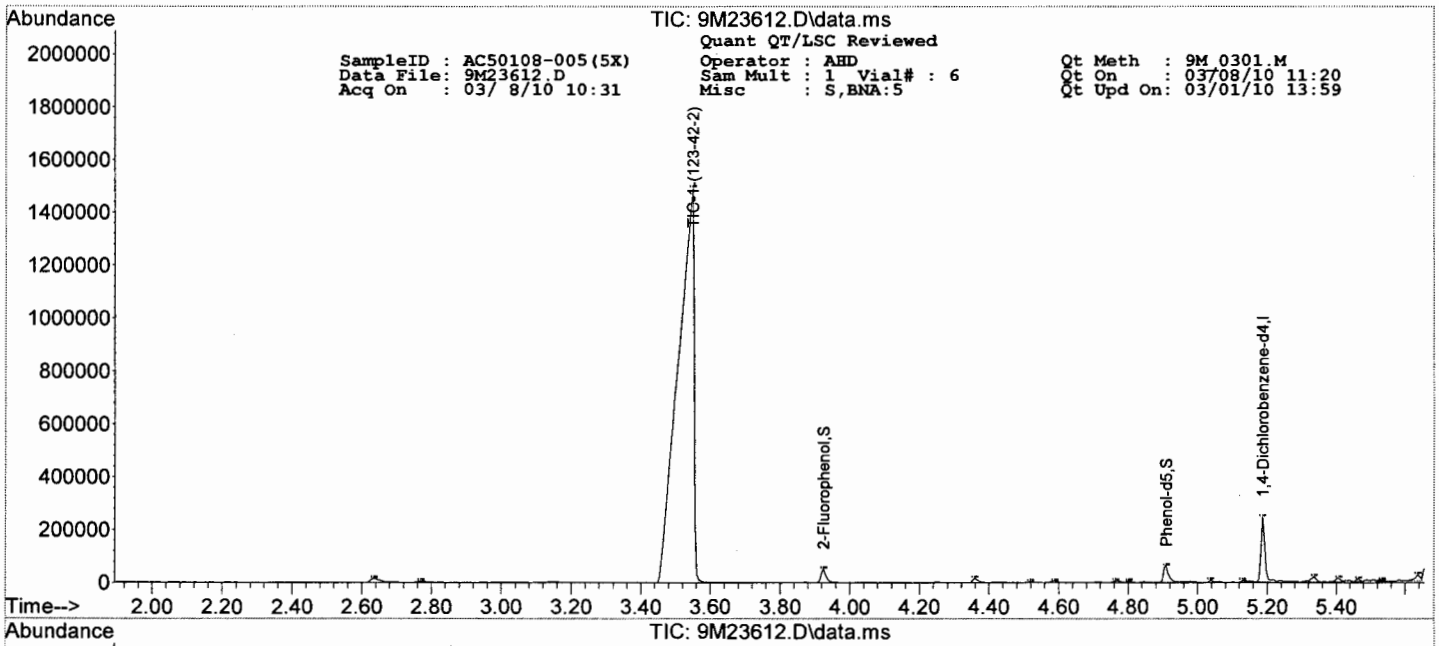
A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

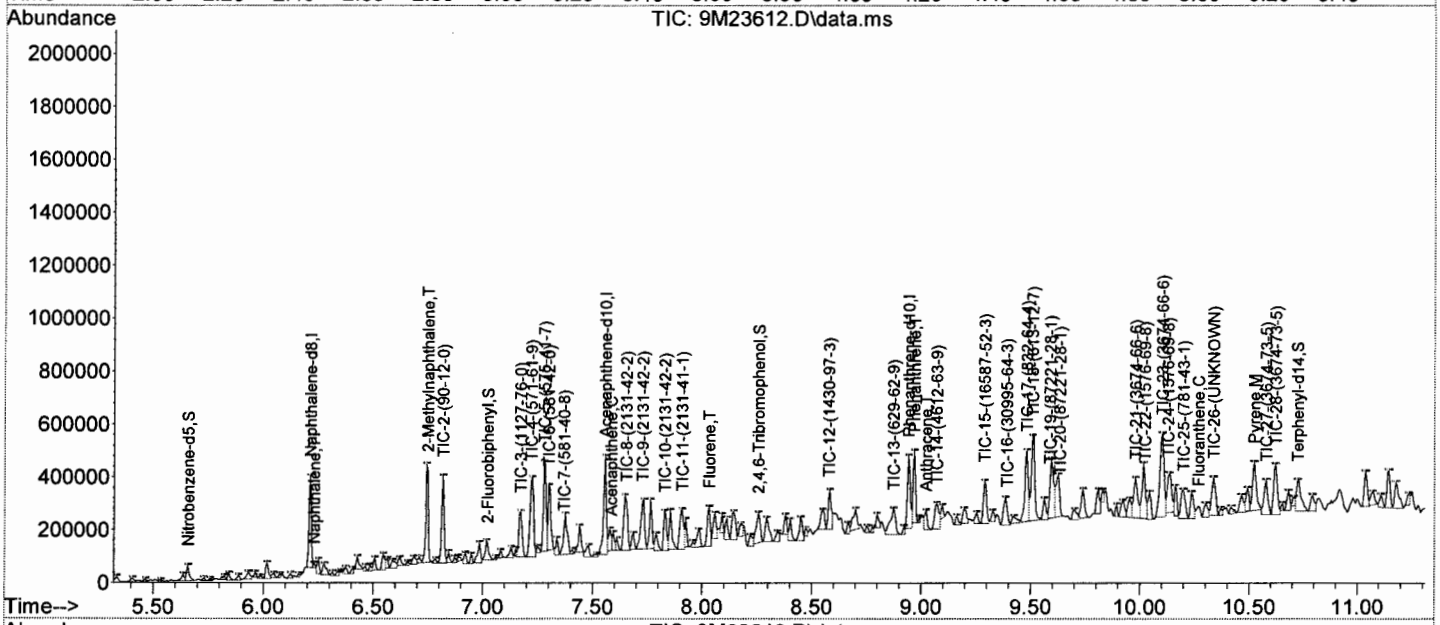
Quantitation Report (QT/LSC Reviewed)

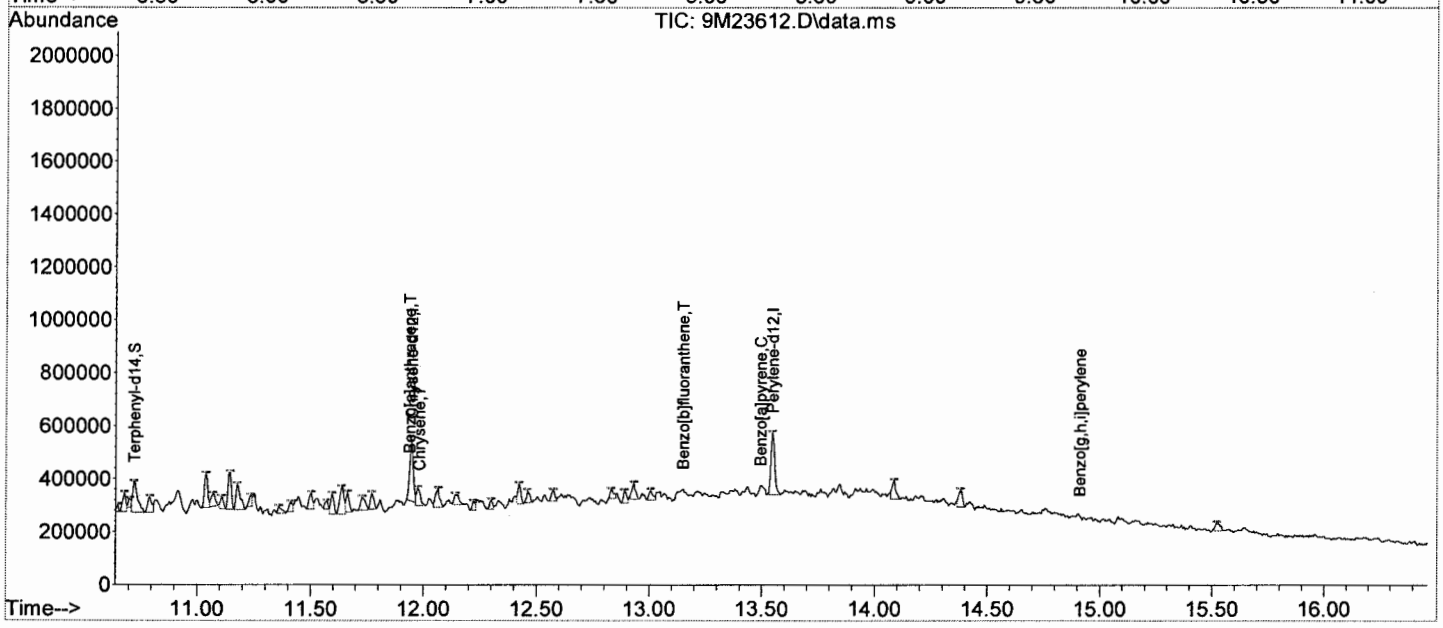
SampleID : AC50108-005(5X) Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23612.D Sam Mult : 1 Vial# : 6 Qt On : 03/08/10 11:20
Acq On : 03/ 8/10 10:31 Misc : S,BNA:5 Qt Upd On: 03/01/10 13:59

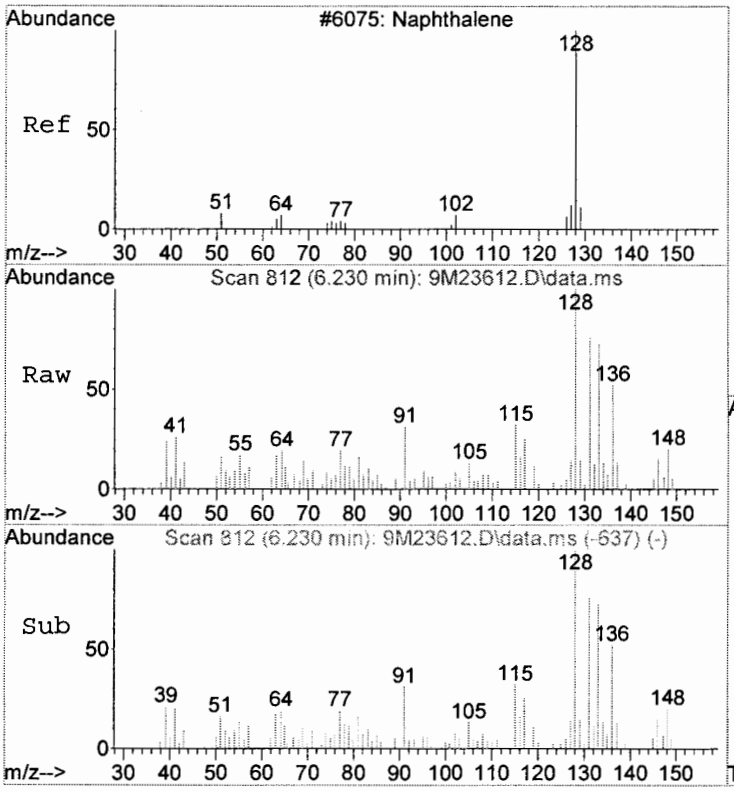
Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.187	152	27031	40.00	ng	-0.08
29) Naphthalene-d8	6.214	136	104114	40.00	ng	-0.08
47) Acenaphthene-d10	7.556	164	55409	40.00	ng	-0.09
73) Phenanthrene-d10	8.942	188	90569	40.00	ng	-0.10
87) Chrysene-d12	11.948	240	71905	40.00	ng	-0.11
102) Perylene-d12	13.547	264	84518	40.00	ng	-0.11
System Monitoring Compounds						
10) 2-Fluorophenol	3.925	112	14413	19.83	ng	-0.08
Spiked Amount 100.000			Recovery = 19.83%			
15) Phenol-d5	4.909	99	19312	20.38	ng	-0.07
Spiked Amount 100.000			Recovery = 20.38%			
30) Nitrobenzene-d5	5.658	128	3562	8.16	ng	-0.08
Spiked Amount 50.000			Recovery = 16.32%			
52) 2-Fluorobiphenyl	7.022	172	17921	9.45	ng	-0.07
Spiked Amount 50.000			Recovery = 18.90%			
76) 2,4,6-Tribromophenol	8.257	330	4293	25.50	ng	-0.10
Spiked Amount 100.000			Recovery = 25.50%			
90) Terphenyl-d14	10.723	244	19483	9.44	ng	-0.11
Spiked Amount 50.000			Recovery = 18.88%			
Target Compounds						Qvalue
39) Naphthalene	6.230	128	7643	2.88	ng	95
44) 2-Methylnaphthalene	6.749	142	81963	45.31	ng	98
61) Acenaphthene	7.583	153	8968	5.45	ng	77
68) Fluorene	8.032	166	16576	9.05	ng	84
82) Phenanthrene	8.968	178	99035	37.56	ng	98
83) Anthracene	9.022	178	20490	7.57	ng	90
86) Fluoranthene	10.268	202	13604	4.74	ng	83
88) Pyrene	10.525	202	81961	28.32	ng	85
99) Benzo[a]anthracene	11.937	228	17299	6.62	ng	83
100) Chrysene	11.980	228	24184	9.67	ng	79
104) Benzo[b]fluoranthene	13.151	252	6601m	2.34	ng	
106) Benzo[a]pyrene	13.493	252	11222	4.26	ng	84
109) Benzo[g,h,i]perylene	14.911	276	9573	4.15	ng	90
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.187		188075	40.00	ng	--
2) Naphthalene-d8	6.214		256540m	40.00	ng	--
3) Acenaphthene-d10	7.556		286095m	40.00	ng	--
4) Phenanthrene-d10	8.942		223568m	40.00	ng	--
5) Chrysene-d12	11.948		301106	40.00	ng	--
6) Perylene-d12	13.547		275370	40.00	ng	--
Library Search Compounds						
1) 123-42-2	3.550		4691751	997.85	ng	45
2) 90-12-0	6.820		252542	39.38	ng	94
3) 1127-76-0	7.170		182049	25.45	ng	95
4) 571-61-9	7.220		356803	49.89	ng	95
5) 575-41-7	7.280		323223	45.19	ng	97
6) 581-42-0	7.300		194702	27.22	ng	97
7) 581-40-8	7.370		170175	23.79	ng	96
8) 2131-42-2	7.650		250497	35.02	ng	93
9) 2131-42-2	7.730		223669	31.27	ng	96
10) 2131-42-2	7.830		145909	20.40	ng	95
11) 2131-41-1	7.910		190109	26.58	ng	70
12) 1430-97-3	8.580		144837	25.91	ng	86
13) 629-62-9	8.870		167055	29.89	ng	90
14) 4612-63-9	9.070		143069	25.60	ng	91
15) 16587-52-3	9.290		168819	30.20	ng	93
16) 30995-64-3	9.390		123572	22.11	ng	94
17) 832-64-4	9.480		294381	52.67	ng	93
18) 613-12-7	9.510		355717	63.64	ng	91
19) 87221-28-1	9.590		269575	48.23	ng	78
20) 87221-28-1	9.630		172588	30.88	ng	78
21) 3674-66-6	9.980		201264	36.01	ng	81
22) 1576-69-8	10.020		223254	39.94	ng	94
23) 3674-66-6	10.100		434967	77.82	ng	95
24) 1576-69-8	10.130		212244	37.97	ng	90
25) 781-43-1	10.200		152865	27.35	ng	81
26) UNKNOWN	10.340		177202	31.70	ng	--
27) 3674-73-5	10.580		156511	20.79	ng	90
28) 3674-73-5	10.620		229349	30.47	ng	90


Abundance
TIC: 9M23612.D\data.ms
Quant QT/LSC Reviewed
SampleID : AC50108-005(5X)
Data File: 9M23612.D
Acq On : 03/ 8/10 10:31
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : S,BNA:5
Qt Meth : 9M_0301.M
Qt On : 03/08/10 11:20
Qt Upd On: 03/01/10 13:59
TIC-1-(123-42-2)
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Time-->


Abundance
TIC: 9M23612.D\data.ms
Nitrobenzene-d5,S
Naphthalene,Naphthalene-d8,I
2-Methylnaphthalene,T
TIC-2-(90-12-0)
2-Fluorobiphenyl,S
Acenaphthene-d10,I
TIC-8-(2131-42-2)
TIC-9-(2131-42-2)
TIC-10-(2131-42-2)
TIC-11-(2131-41-1)
Fluorene,T
2,4,6-Tribromophenol,S
TIC-12-(1430-97-3)
TIC-13-(629-62-9)
Phenanthrene-d10,I
TIC-14-(4612-63-9)
TIC-15-(16587-52-3)
TIC-16-(30995-64-3)
TIC-26-(UNKNOWN)
Terphenyl-d14,S
Time-->

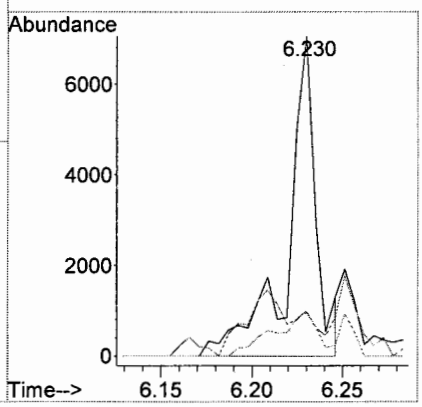

Abundance
TIC: 9M23612.D\data.ms
Terphenyl-d14,S
Chrysene,T
Benzo[b]fluoranthene,T
Benzo[k]pyrene,C
Perylene-d12,I
Benzo[g,h,i]perylene
Time-->

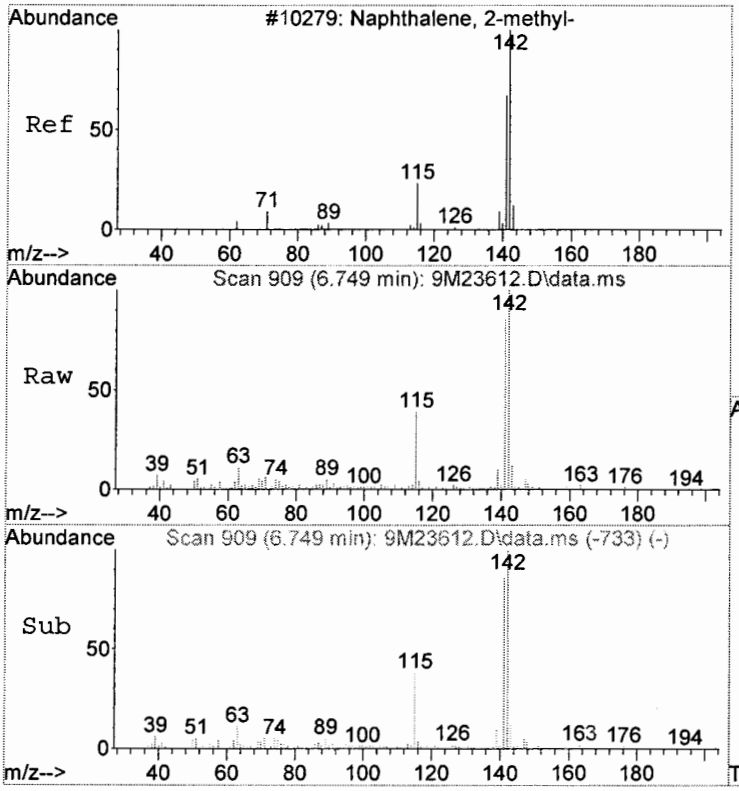


#39
Naphthalene
Concen: 2.88 ng
RT: 6.230 min Scan# 812
Delta R.T. -0.079 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:128 Resp: 7643

Ion	Ratio	Lower	Upper
128	100		
129	8.3	0.0	50.9
127	13.7	0.0	52.4

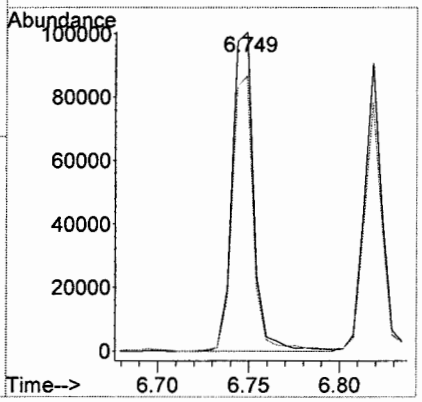


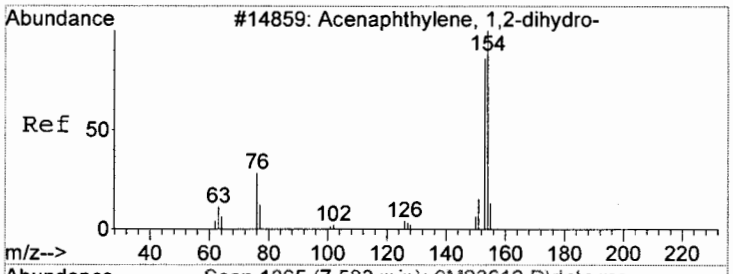


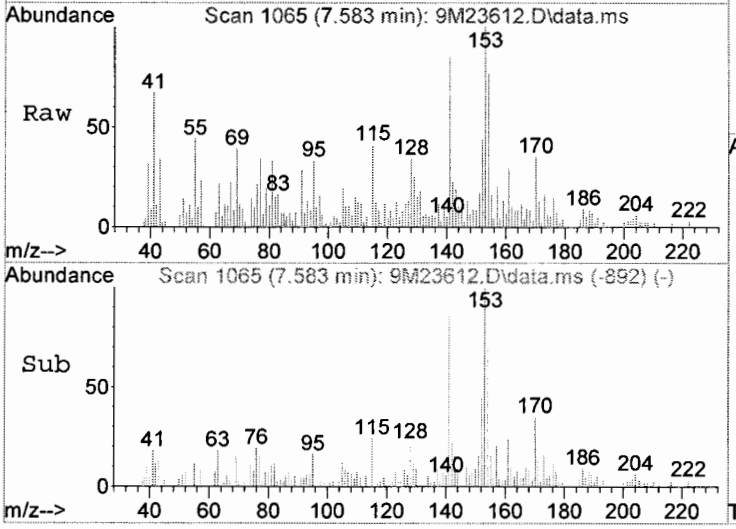
#44
2-Methylnaphthalene
Concen: 45.31 ng
RT: 6.749 min Scan# 909
Delta R.T. -0.073 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:142 Resp: 81963

Ion	Ratio	Lower	Upper
142	100		
141	86.2	44.6	124.6



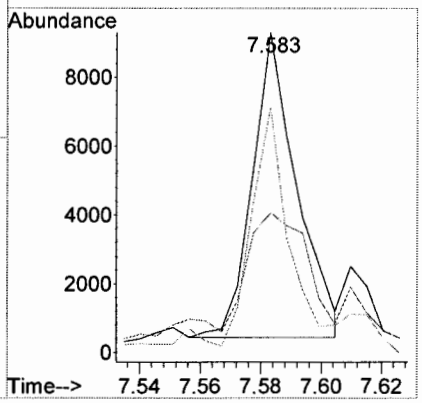


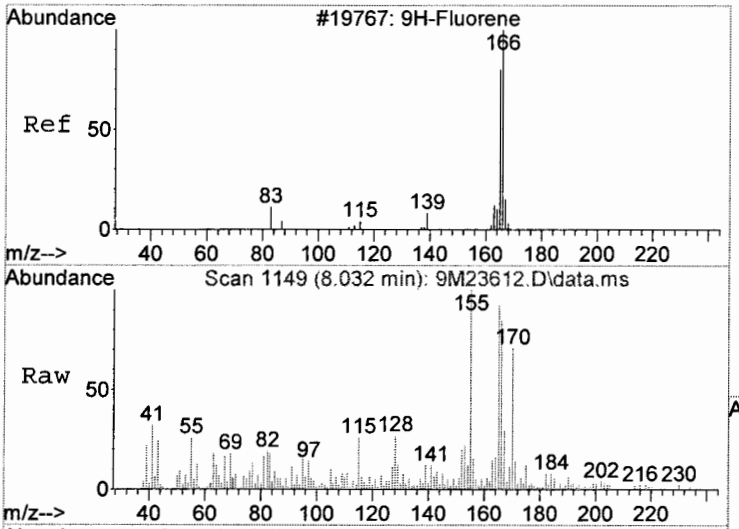


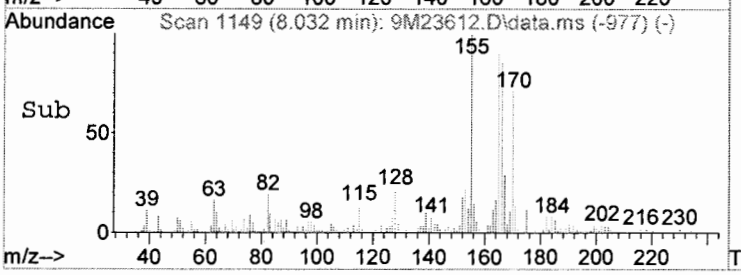
#61
Acenaphthene
Concen: 5.45 ng
RT: 7.583 min Scan# 1065
Delta R.T. -0.089 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:153 Resp: 8968

Ion	Ratio	Lower	Upper
153	100		
152	36.5	10.0	90.0
154	72.9	57.5	137.5



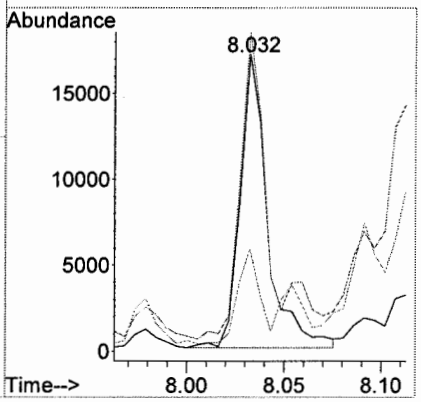


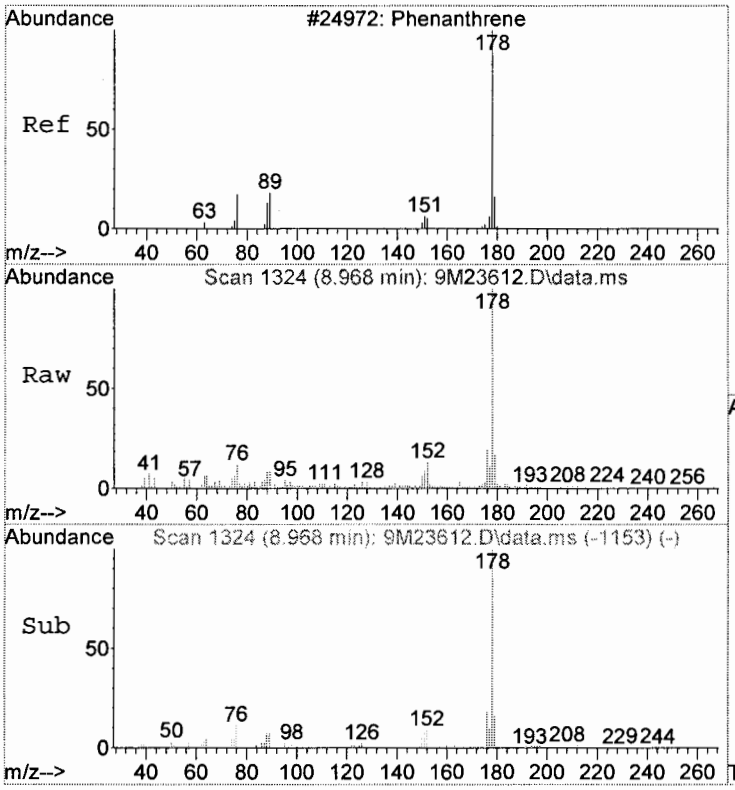


#68
Fluorene
Concen: 9.05 ng
RT: 8.032 min Scan# 1149
Delta R.T. -0.095 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:166 Resp: 16576

Ion	Ratio	Lower	Upper
166	100		
165	103.5	0.0	292.6
167	31.2	0.0	213.2

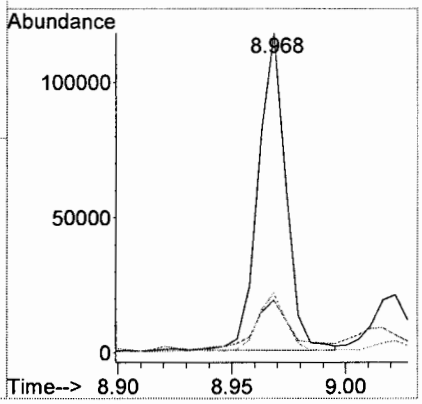


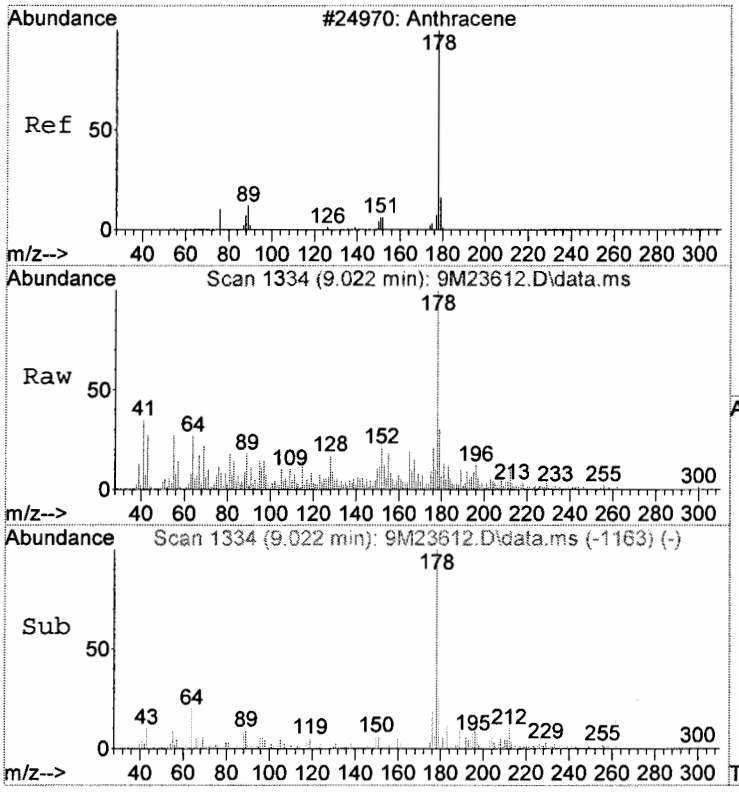


#82
Phenanthrene
Concen: 37.56 ng
RT: 8.968 min Scan# 1324
Delta R.T. -0.100 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:178 Resp: 99035

Ion	Ratio	Lower	Upper
178	100		
179	15.7	0.0	55.5
176	18.2	0.0	59.3

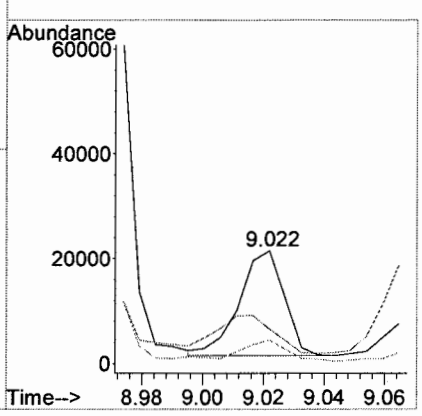


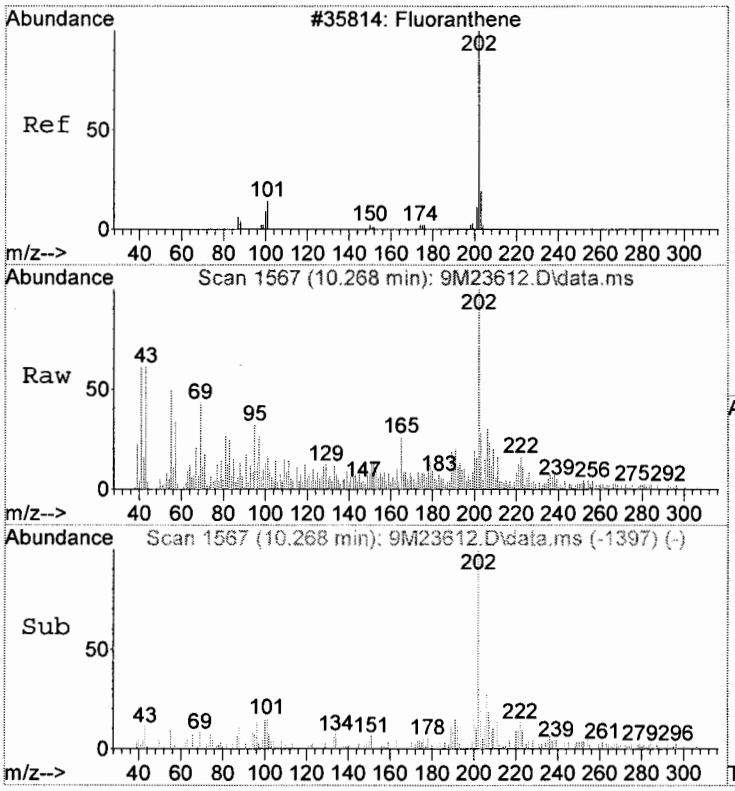


#83
Anthracene
Concen: 7.57 ng
RT: 9.022 min Scan# 1334
Delta R.T. -0.100 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:178 Resp: 20490

Ion	Ratio	Lower	Upper
178	100		
179	22.6	0.0	55.2
176	20.1	0.0	58.1

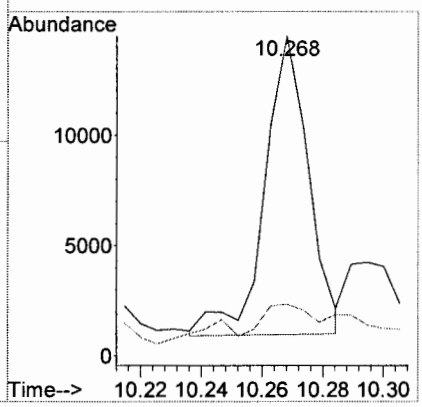


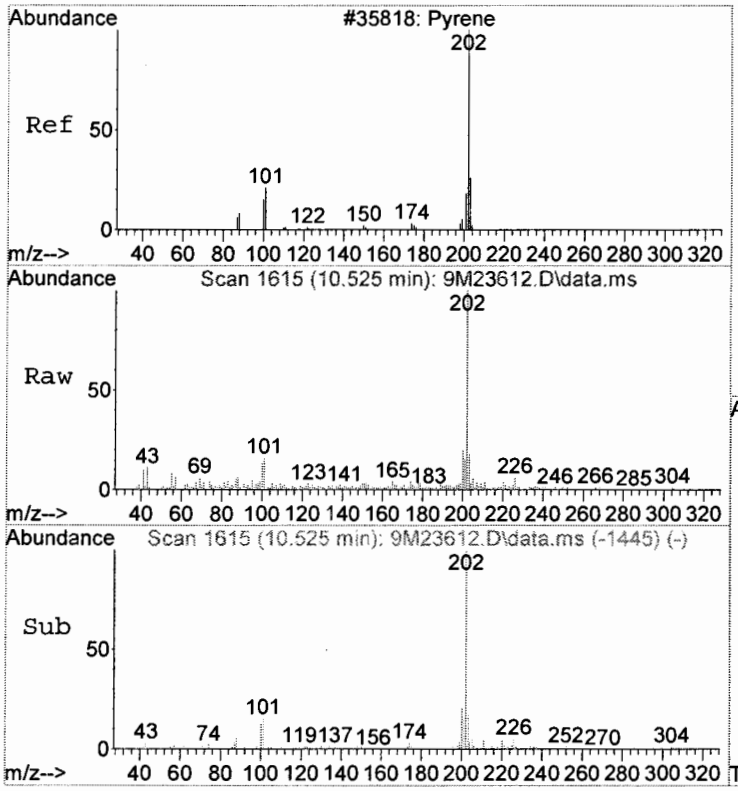


#86
Fluoranthene
Concen: 4.74 ng
RT: 10.268 min Scan# 1567
Delta R.T. -0.105 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:202 Resp: 13604

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	57.6

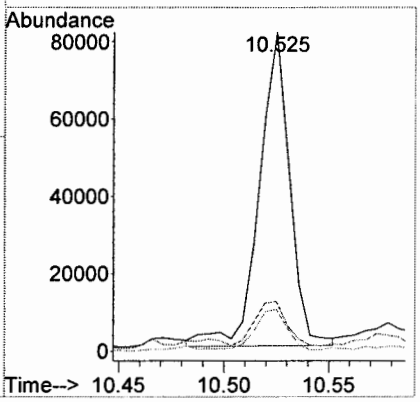


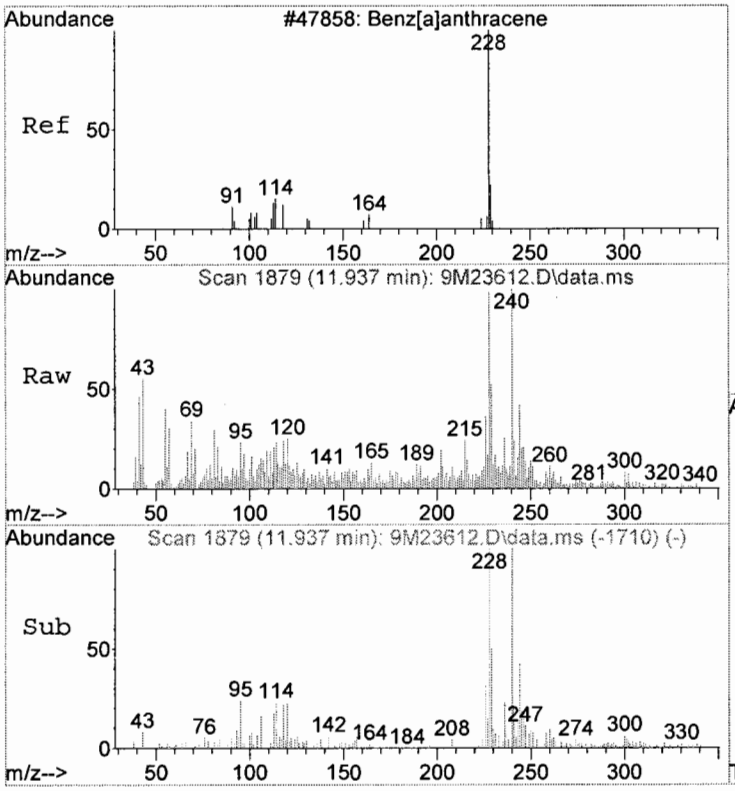


#88
Pyrene
Concen: 28.32 ng
RT: 10.525 min Scan# 1615
Delta R.T. -0.105 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:202 Resp: 81961

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	62.2
100	12.3	0.0	57.8

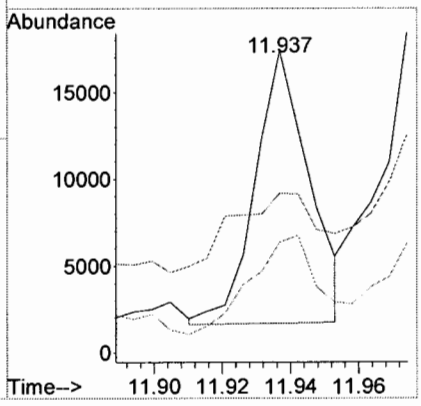


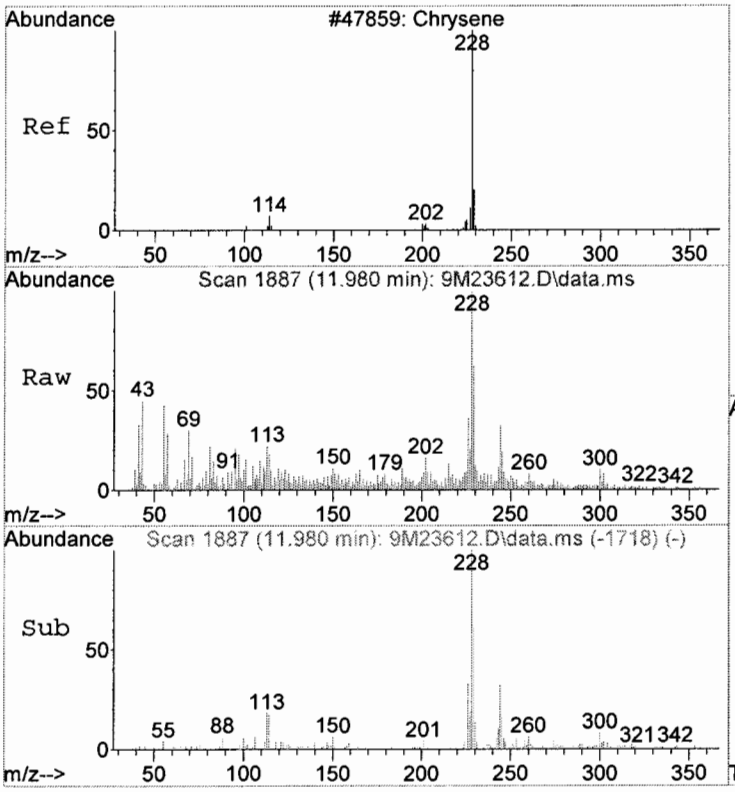


#99
Benzo[a]anthracene
Concen: 6.62 ng
RT: 11.937 min Scan# 1879
Delta R.T. -0.111 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:228 Resp: 17299

Ion	Ratio	Lower	Upper
228	100		
229	27.2	0.0	59.5
226	34.5	0.0	66.0

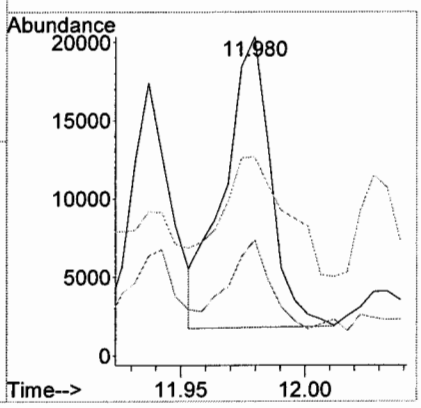


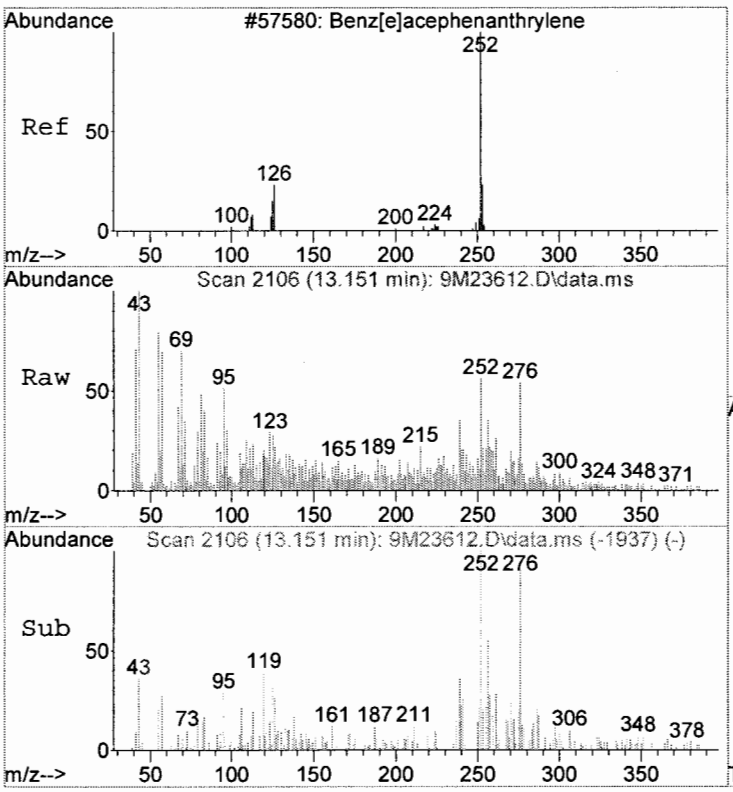


#100
Chrysene
Concen: 9.67 ng
RT: 11.980 min Scan# 1887
Delta R.T. -0.111 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:228 Resp: 24184

Ion	Ratio	Lower	Upper
228	100		
226	27.6	9.5	49.5
229	41.5	0.0	60.2

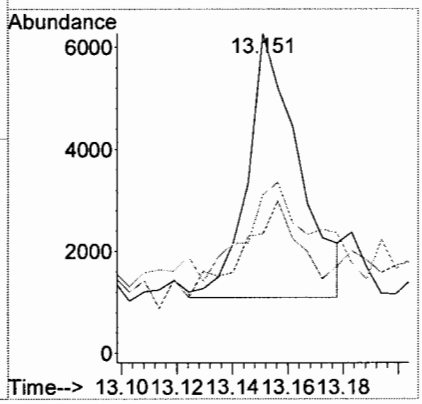


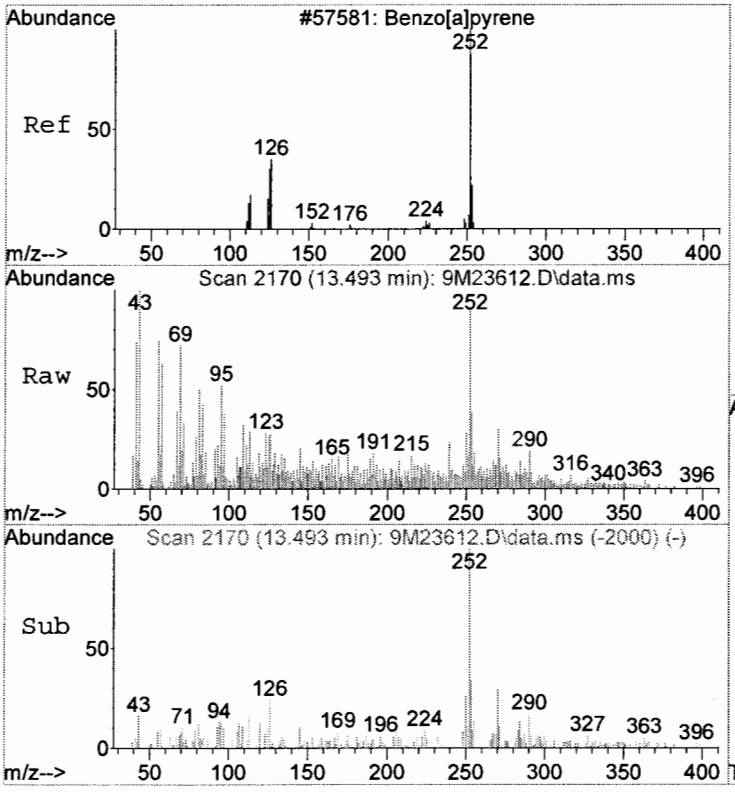


#104
Benzo[b]fluoranthene
Concen: 2.34 ng m
RT: 13.151 min Scan# 2106
Delta R.T. -0.111 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:252 Resp: 6601

Ion	Ratio	Lower	Upper
252	100		
253	37.4	0.0	62.3
125	49.7	0.0	58.4

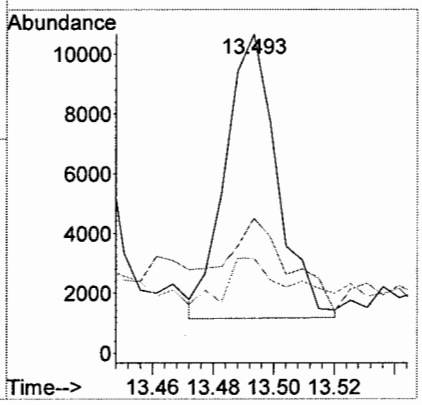


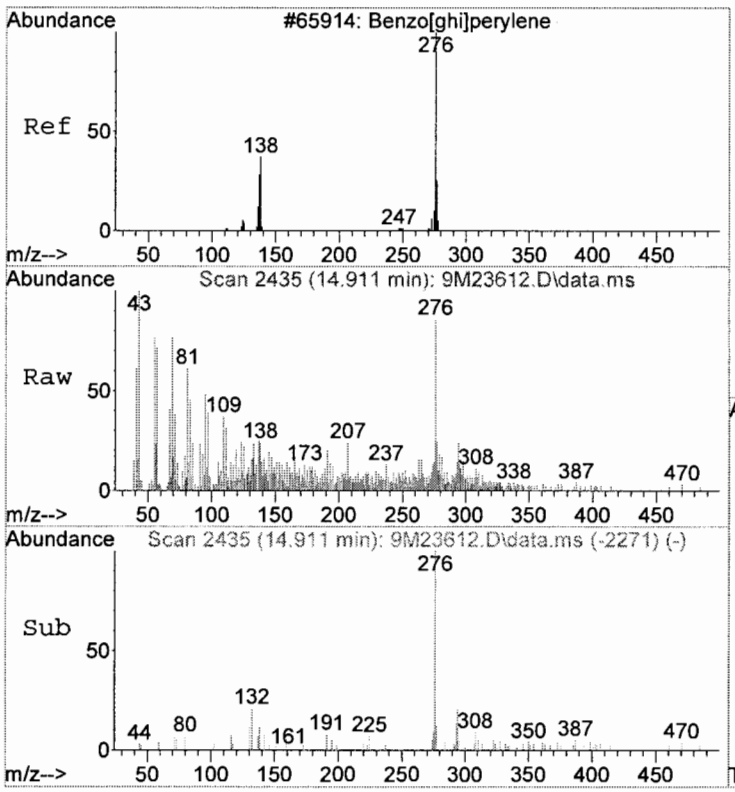


#106
Benzo[a]pyrene
Concen: 4.26 ng
RT: 13.493 min Scan# 2170
Delta R.T. -0.105 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:252 Resp: 11222

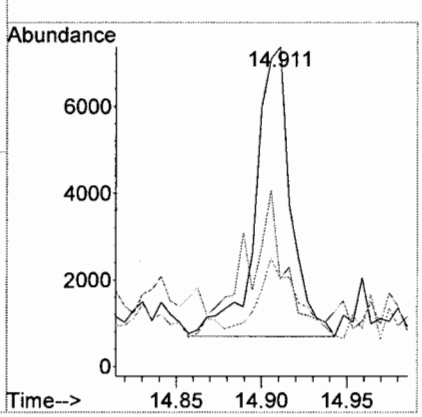
Ion	Ratio	Lower	Upper
252	100		
253	33.7	0.0	62.4
125	17.0	0.0	60.9





#109
Benzo[g,h,i]perylene
Concen: 4.15 ng
RT: 14.911 min Scan# 2435
Delta R.T. -0.137 min
Lab File: 9M23612.D
Acq: 8 Mar 2010 10:31

Tgt Ion:276	Resp:	9573	
Ion	Ratio	Lower	Upper
276	100		
138	38.2	0.0	140.0
277	30.7	0.0	120.0



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.636	134	140	149	rBV2	15542	29818	0.64%	0.146%
2	2.769	161	165	173	rBV3	4725	10140	0.22%	0.050%
3	3.550	291	311	314	rBV	1491972	4691751	100.00%	22.994%
4	3.925	377	381	393	rVB	51356	53973	1.15%	0.265%
5	4.358	459	462	470	rBV	16505	16840	0.36%	0.083%
6	4.518	488	492	499	rVB3	4098	5741	0.12%	0.028%
7	4.588	499	505	509	rBV4	5824	9380	0.20%	0.046%
8	4.764	535	538	543	rBV3	6262	9176	0.20%	0.045%
9	4.802	543	545	550	rVB	5351	5212	0.11%	0.026%
10	4.909	561	565	571	rBV	60678	62517	1.33%	0.306%
11	5.037	584	589	592	rBV2	8412	7891	0.17%	0.039%
12	5.128	604	606	609	rBV	6038	6415	0.14%	0.031%
13	5.187	614	617	621	rBV	244828	183009	3.90%	0.897%
14	5.337	637	645	649	rVB3	20071	26946	0.57%	0.132%
15	5.406	654	658	661	rBV3	13659	14953	0.32%	0.073%
16	5.465	666	669	671	rBV2	8457	6736	0.14%	0.033%
17	5.535	679	682	685	rVB4	5932	7995	0.17%	0.039%
18	5.636	696	701	703	rBV2	23674	24975	0.53%	0.122%
19	5.658	703	705	711	rVB	56256	46971	1.00%	0.230%
20	5.727	716	718	721	rVB4	9577	7572	0.16%	0.037%
21	5.759	721	724	726	rBV4	6302	5977	0.13%	0.029%
22	5.823	731	736	738	rVB3	13428	13243	0.28%	0.065%
23	5.845	738	740	744	rVB3	25126	18888	0.40%	0.093%
24	5.888	744	748	751	rBV3	17470	16975	0.36%	0.083%
25	5.930	751	756	759	rBV4	25470	31976	0.68%	0.157%
26	5.962	759	762	764	rVB3	17781	12819	0.27%	0.063%
27	5.984	764	766	769	rVB4	9101	9750	0.21%	0.048%
28	6.016	769	772	775	rBV2	59028	55405	1.18%	0.272%
29	6.048	775	778	781	rVB4	15492	16032	0.34%	0.079%
30	6.075	781	783	784	rBV	13587	9583	0.20%	0.047%
31	6.123	788	792	794	rBV	17593	14300	0.30%	0.070%
32	6.160	797	799	800	rBV2	10736	6745	0.14%	0.033%
33	6.214	805	809	811	rBV	344825	248039	5.29%	1.216%
34	6.230	811	812	814	rVV2	15269	9031	0.19%	0.044%
35	6.251	814	816	818	rVB2	53428	36985	0.79%	0.181%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

36	6.278	818	821	826	rVB4	39985	50217	1.07%	0.246%
37	6.316	826	828	830	rVB3	14083	7868	0.17%	0.039%
38	6.342	830	833	834	rBV3	14664	15855	0.34%	0.078%
39	6.353	834	835	837	rBV2	6770	5143	0.11%	0.025%
40	6.374	837	839	842	rVB4	24055	21616	0.46%	0.106%
41	6.406	842	845	846	rBV2	18662	18542	0.40%	0.091%
42	6.428	846	849	854	rVV5	47417	46142	0.98%	0.226%
43	6.465	854	856	858	rVB3	19345	11631	0.25%	0.057%
44	6.487	858	860	862	rBV2	22485	17943	0.38%	0.088%
45	6.508	862	864	867	rVB2	45154	30659	0.65%	0.150%
46	6.545	868	871	873	rBV2	59647	58600	1.25%	0.287%
47	6.567	873	875	877	rVB	35050	23437	0.50%	0.115%
48	6.588	877	879	883	rBV3	27928	42151	0.90%	0.207%
49	6.620	883	885	890	rVB6	28167	27892	0.59%	0.137%
50	6.658	890	892	894	rBV2	13101	12310	0.26%	0.060%
51	6.685	894	897	900	rBV5	26701	34326	0.73%	0.168%
52	6.711	900	902	904	rVV3	20760	16842	0.36%	0.083%
53	6.743	904	908	911	rVB	371432	296129	6.31%	1.451%
54	6.786	913	916	918	rVB3	14725	12141	0.26%	0.060%
55	6.818	918	922	925	rBV	328117	252542	5.38%	1.238%
56	6.845	925	927	930	rVB2	41126	27083	0.58%	0.133%
57	6.872	930	932	934	rBV3	21092	16948	0.36%	0.083%
58	6.888	934	935	939	rVV4	18202	16081	0.34%	0.079%
59	6.920	939	941	944	rVB3	39152	29180	0.62%	0.143%
60	6.947	944	946	948	rBV2	34383	24653	0.53%	0.121%
61	6.984	948	953	955	rBV3	76228	75279	1.60%	0.369%
62	7.016	955	959	965	rVB2	71947	74331	1.58%	0.364%
63	7.059	965	967	968	rBV	10615	6821	0.15%	0.033%
64	7.080	969	971	973	rVB3	26783	18225	0.39%	0.089%
65	7.128	975	980	982	rBV3	38350	36922	0.79%	0.181%
66	7.150	982	984	985	rVV	27228	13573	0.29%	0.067%
67	7.171	985	988	993	rVB	170577	182049	3.88%	0.892%
68	7.225	993	998	1001	rBV2	299816	356803	7.60%	1.749%
69	7.246	1001	1002	1005	rBV3	23019	21137	0.45%	0.104%
70	7.278	1005	1008	1011	rVV	337487	323223	6.89%	1.584%
71	7.300	1011	1012	1016	rVB2	240627	194702	4.15%	0.954%
72	7.337	1017	1019	1021	rVV	59943	42055	0.90%	0.206%
73	7.375	1021	1026	1030	rVV	149993	170175	3.63%	0.834%
74	7.407	1030	1032	1034	rVB3	15462	10680	0.23%	0.052%
75	7.439	1036	1038	1042	rVB	98441	79244	1.69%	0.388%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

76	7.482	1042	1046	1048	rVB4	41049	46465	0.99%	0.228%
77	7.519	1048	1053	1054	rBV5	10400	15017	0.32%	0.074%
78	7.556	1054	1060	1062	rBV	369996	323826	6.90%	1.587%
79	7.578	1062	1064	1066	rVV2	81493	78278	1.67%	0.384%
80	7.594	1066	1067	1069	rVV2	66297	41189	0.88%	0.202%
81	7.610	1069	1070	1073	rVB2	43856	25466	0.54%	0.125%
82	7.647	1073	1077	1081	rBV2	206297	250497	5.34%	1.228%
83	7.685	1081	1084	1087	rVV3	59600	56263	1.20%	0.276%
84	7.733	1087	1093	1096	rVV2	184068	223669	4.77%	1.096%
85	7.765	1096	1099	1102	rVV	181797	144277	3.08%	0.707%
86	7.792	1102	1104	1108	rVB4	63432	58486	1.25%	0.287%
87	7.829	1108	1111	1114	rBV	147753	145909	3.11%	0.715%
88	7.856	1114	1116	1122	rVB	146348	121464	2.59%	0.595%
89	7.909	1122	1126	1128	rBV2	147934	190109	4.05%	0.932%
90	7.925	1128	1129	1132	rVB2	102386	53279	1.14%	0.261%
91	7.958	1133	1135	1137	rVV3	20279	17435	0.37%	0.085%
92	7.984	1137	1140	1143	rVB4	62349	71359	1.52%	0.350%
93	8.032	1145	1149	1151	rBV2	146805	143569	3.06%	0.704%
94	8.059	1151	1154	1156	rBV2	93617	96018	2.05%	0.471%
95	8.091	1158	1160	1162	rVB	67989	39969	0.85%	0.196%
96	8.113	1162	1164	1167	rVB2	79770	64659	1.38%	0.317%
97	8.145	1167	1170	1173	rBV4	104458	130101	2.77%	0.638%
98	8.177	1173	1176	1178	rBV4	46641	57968	1.24%	0.284%
99	8.220	1182	1184	1187	rBV4	39823	53390	1.14%	0.262%
100	8.257	1187	1191	1195	rVB4	112768	144622	3.08%	0.709%
101	8.294	1195	1198	1204	rVB5	88056	112432	2.40%	0.551%
102	8.343	1204	1207	1209	rBV4	36037	43463	0.93%	0.213%
103	8.380	1211	1214	1216	rBV	72884	54562	1.16%	0.267%
104	8.401	1216	1218	1223	rVB	79281	67084	1.43%	0.329%
105	8.450	1223	1227	1230	rBV3	86022	92209	1.97%	0.452%
106	8.471	1230	1231	1233	rBV2	27380	22297	0.48%	0.109%
107	8.551	1242	1246	1249	rVB3	70748	90357	1.93%	0.443%
108	8.583	1249	1252	1254	rBV2	146387	144837	3.09%	0.710%
109	8.664	1265	1267	1269	rBV2	37903	32917	0.70%	0.161%
110	8.701	1269	1274	1277	rVV4	73313	104777	2.23%	0.514%
111	8.754	1281	1284	1286	rVB4	23525	20157	0.43%	0.099%
112	8.776	1286	1288	1289	rBV2	19279	14042	0.30%	0.069%
113	8.797	1290	1292	1295	rBV4	50442	46162	0.98%	0.226%
114	8.872	1299	1306	1313	rVB6	94755	167055	3.56%	0.819%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	8.920	1313	1315	1316	rBV2	29021	20710	0.44%	0.101%
116	8.942	1316	1319	1322	rBV	272699	264380	5.63%	1.296%
117	8.968	1322	1324	1327	rVB	269475	191999	4.09%	0.941%
118	8.990	1327	1328	1329	rBV	19914	11601	0.25%	0.057%
119	9.022	1332	1334	1338	rVB3	69937	58623	1.25%	0.287%
120	9.070	1339	1343	1346	rBV2	95795	143069	3.05%	0.701%
121	9.097	1346	1348	1350	rVB	41511	34489	0.74%	0.169%
122	9.161	1358	1360	1364	rBV5	32504	34517	0.74%	0.169%
123	9.193	1364	1366	1370	rBV3	52948	68824	1.47%	0.337%
124	9.252	1375	1377	1381	rVB5	39864	35628	0.76%	0.175%
125	9.289	1381	1384	1388	rBV2	158318	168819	3.60%	0.827%
126	9.327	1388	1391	1393	rBV4	37912	36633	0.78%	0.180%
127	9.386	1398	1402	1406	rBV	101800	123572	2.63%	0.606%
128	9.423	1406	1409	1414	rVV7	22475	39595	0.84%	0.194%
129	9.482	1415	1420	1422	rVV	268704	294381	6.27%	1.443%
130	9.509	1422	1425	1432	rVB	317864	355717	7.58%	1.743%
131	9.562	1432	1435	1438	rBV	77756	79936	1.70%	0.392%
132	9.594	1438	1441	1444	rVV	219660	269575	5.75%	1.321%
133	9.626	1444	1447	1451	rVB	155638	172588	3.68%	0.846%
134	9.701	1457	1461	1464	rBV5	36204	53554	1.14%	0.262%
135	9.739	1465	1468	1472	rVB2	104030	113655	2.42%	0.557%
136	9.808	1477	1481	1483	rBV2	89506	97605	2.08%	0.478%
137	9.830	1483	1485	1486	rBV2	42428	33403	0.71%	0.164%
138	9.894	1494	1497	1499	rBV	41799	28824	0.61%	0.141%
139	9.920	1499	1502	1505	rVV3	59003	76531	1.63%	0.375%
140	9.953	1505	1508	1510	rVV2	68039	83012	1.77%	0.407%
141	9.979	1510	1513	1517	rVV2	148688	201264	4.29%	0.986%
142	10.017	1517	1520	1523	rVV	206337	223254	4.76%	1.094%
143	10.044	1523	1525	1529	rVB	101201	93619	2.00%	0.459%
144	10.102	1530	1536	1539	rBV	313001	434967	9.27%	2.132%
145	10.134	1539	1542	1546	rVV2	144294	212244	4.52%	1.040%
146	10.161	1546	1547	1550	rVB	110391	78873	1.68%	0.387%
147	10.199	1550	1554	1558	rVB3	105961	152865	3.26%	0.749%
148	10.236	1558	1561	1564	rBV2	96701	105414	2.25%	0.517%
149	10.300	1570	1573	1576	rBV5	50462	67993	1.45%	0.333%
150	10.338	1576	1580	1584	rVB4	141583	177202	3.78%	0.868%
151	10.370	1584	1586	1588	rBV3	24916	25592	0.55%	0.125%
152	10.418	1593	1595	1597	rBV2	25729	24845	0.53%	0.122%
153	10.466	1600	1604	1607	rBV6	62859	87465	1.86%	0.429%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

154	10.493	1607	1609	1611	rVV3	85890	79605	1.70%	0.390%
155	10.525	1611	1615	1621	rVV	180970	224356	4.78%	1.100%
156	10.578	1621	1625	1629	rVB	127940	156511	3.34%	0.767%
157	10.621	1629	1633	1637	rBV	188087	229349	4.89%	1.124%
158	10.653	1637	1639	1641	rVB3	25347	15120	0.32%	0.074%
159	10.680	1641	1644	1646	rBV3	71295	72525	1.55%	0.355%
160	10.707	1646	1649	1650	rVV2	31593	31546	0.67%	0.155%
161	10.723	1650	1652	1661	rVB4	115026	171145	3.65%	0.839%
162	10.792	1661	1665	1668	rBV5	58788	79781	1.70%	0.391%
163	11.038	1708	1711	1714	rBV	129440	134814	2.87%	0.661%
164	11.070	1714	1717	1721	rVB6	44470	61774	1.32%	0.303%
165	11.108	1722	1724	1727	rVV4	44378	42595	0.91%	0.209%
166	11.145	1727	1731	1734	rVV	138879	143110	3.05%	0.701%
167	11.177	1734	1737	1743	rVB	96375	129160	2.75%	0.633%
168	11.236	1745	1748	1749	rBV3	40595	42079	0.90%	0.206%
169	11.359	1769	1771	1777	rBV7	25018	34042	0.73%	0.167%
170	11.413	1778	1781	1783	rBV4	35197	42192	0.90%	0.207%
171	11.504	1794	1798	1800	rBV5	60581	71031	1.51%	0.348%
172	11.573	1808	1811	1813	rVV4	28957	30869	0.66%	0.151%
173	11.595	1813	1815	1819	rVB2	75247	72812	1.55%	0.357%
174	11.637	1819	1823	1826	rBV2	100179	138210	2.95%	0.677%
175	11.664	1826	1828	1832	rVB	73521	66455	1.42%	0.326%
176	11.728	1837	1840	1845	rBV4	48326	73077	1.56%	0.358%
177	11.771	1845	1848	1852	rVB3	59434	62161	1.32%	0.305%
178	11.948	1877	1881	1884	rBV2	233899	252924	5.39%	1.240%
179	11.974	1884	1886	1893	rVB3	67195	78348	1.67%	0.384%
180	12.065	1899	1903	1907	rVB4	68017	87584	1.87%	0.429%
181	12.140	1915	1917	1923	rVB7	39388	57873	1.23%	0.284%
182	12.220	1930	1932	1934	rBV3	30971	30090	0.64%	0.147%
183	12.301	1944	1947	1949	rBV3	34112	32217	0.69%	0.158%
184	12.424	1968	1970	1974	rVB	75085	67358	1.44%	0.330%
185	12.461	1975	1977	1981	rVB2	44054	42052	0.90%	0.206%
186	12.573	1995	1998	2001	rBV5	39966	43914	0.94%	0.215%
187	12.830	2044	2046	2050	rBV5	33697	43226	0.92%	0.212%
188	12.889	2055	2057	2060	rBV3	44036	45555	0.97%	0.223%
189	12.932	2062	2065	2069	rVB4	59396	66502	1.42%	0.326%
190	13.007	2076	2079	2083	rBV5	36927	48504	1.03%	0.238%
191	13.547	2176	2180	2187	rVB2	233817	267065	5.69%	1.309%
192	14.087	2278	2281	2286	rVB7	68155	78473	1.67%	0.385%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

193	14.381	2333	2336	2340	rVB6	63704	77838	1.66%	0.381%
194	15.521	2547	2549	2554	rVB6	28014	42984	0.92%	0.211%

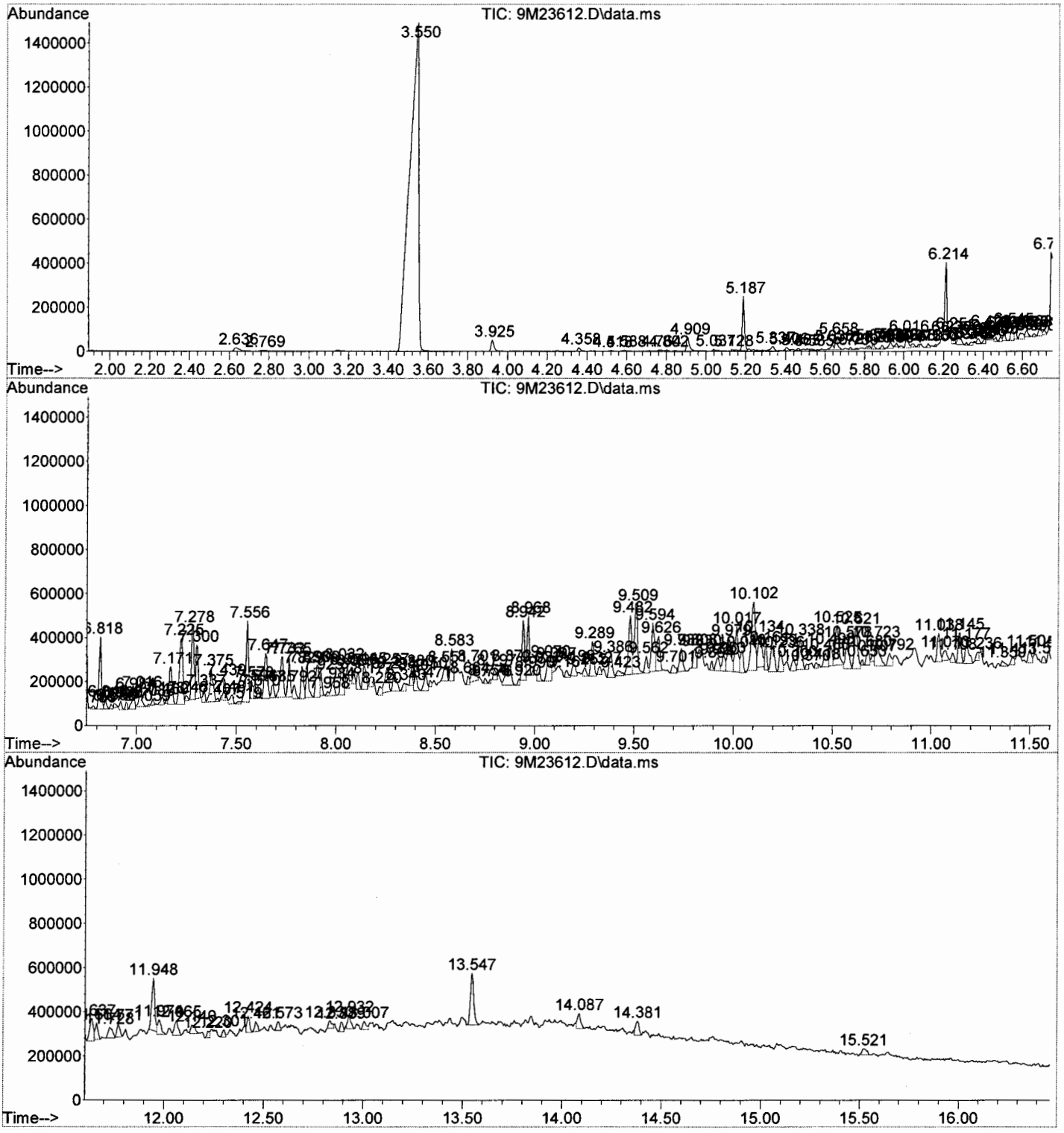
Sum of corrected areas: 20404207

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

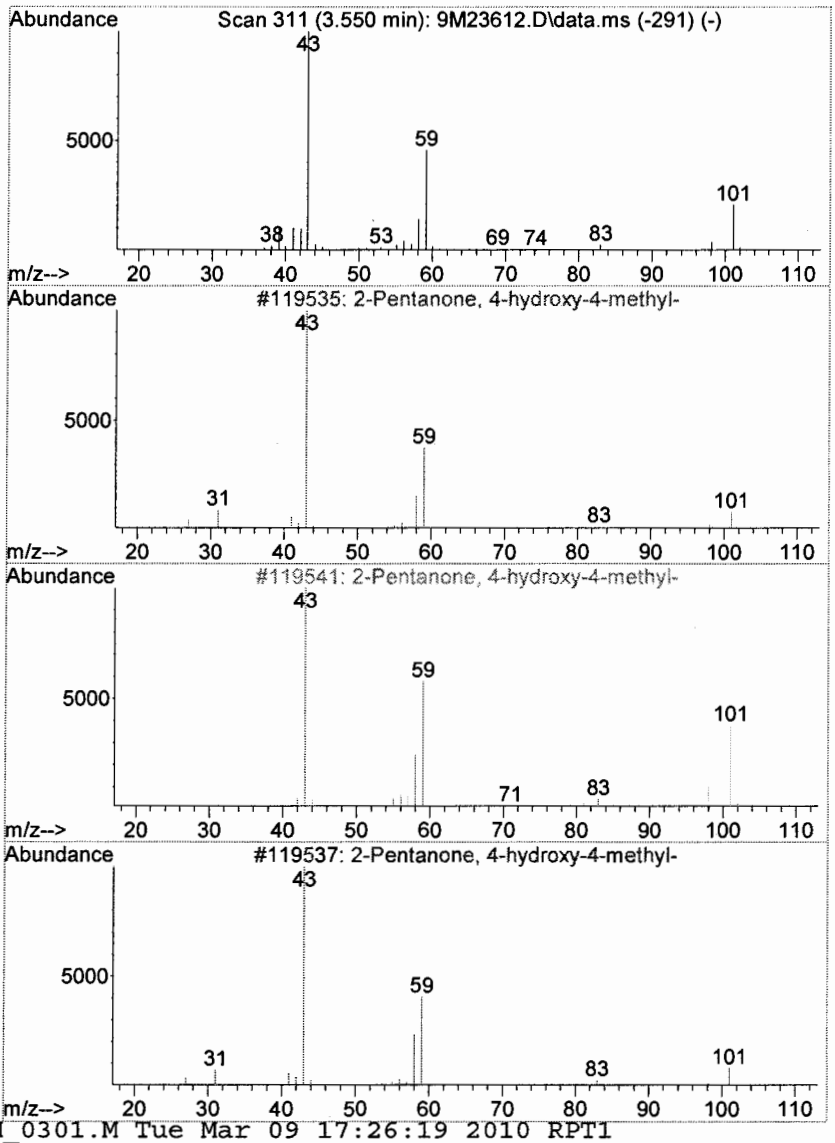
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

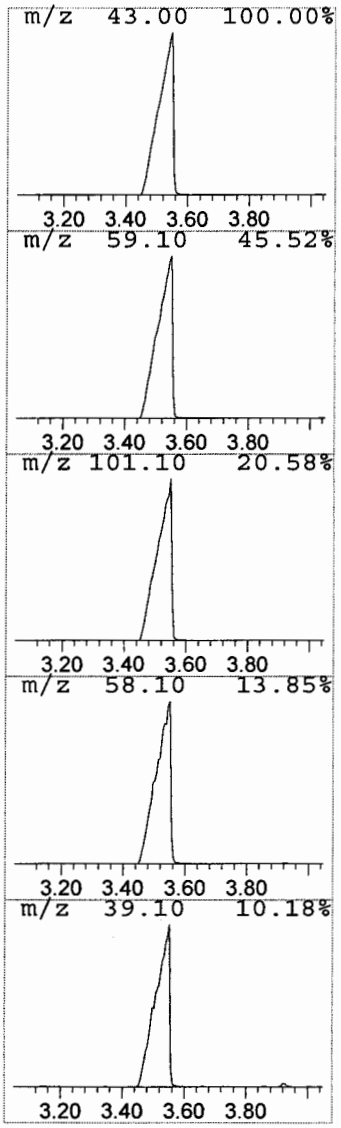
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.55	997.85 ng	4691751	LibIS-1,4-Dichlorobenzene-d4	5.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

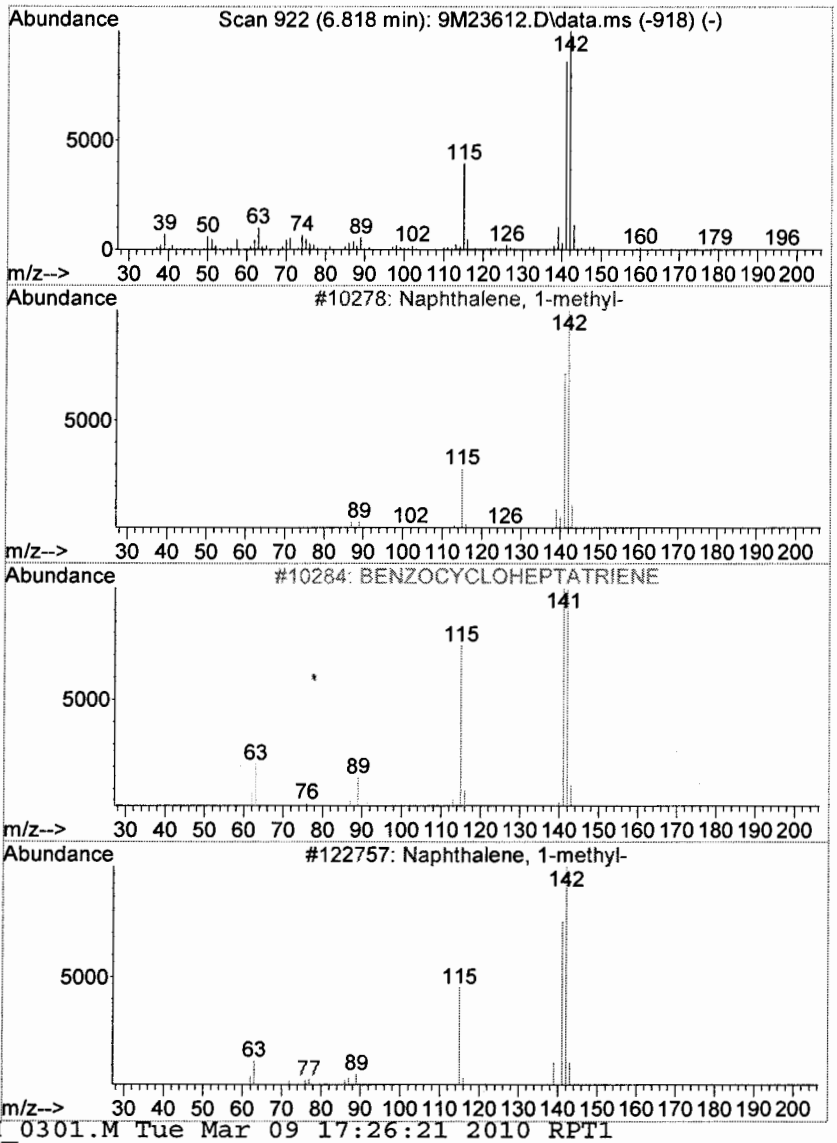
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

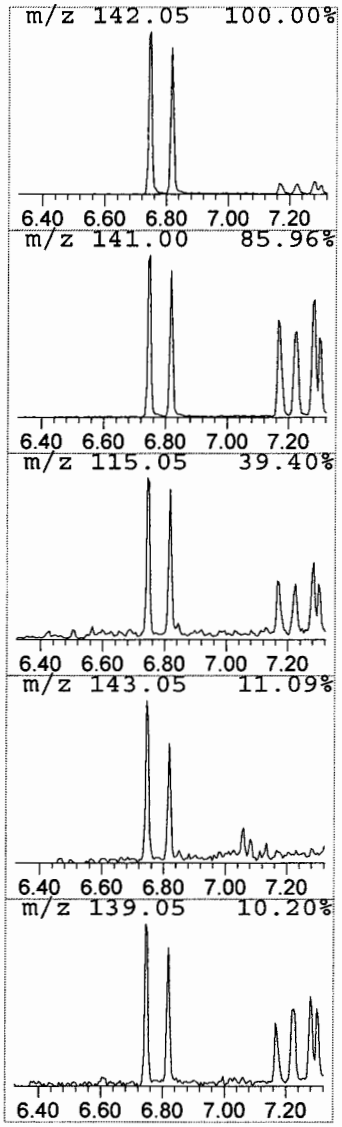
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	39.38 ng	252542	LibIS-Naphthalene-d8	6.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	BENZOCYCLOHEPTATRIENE	142	C11H10	000264-09-5	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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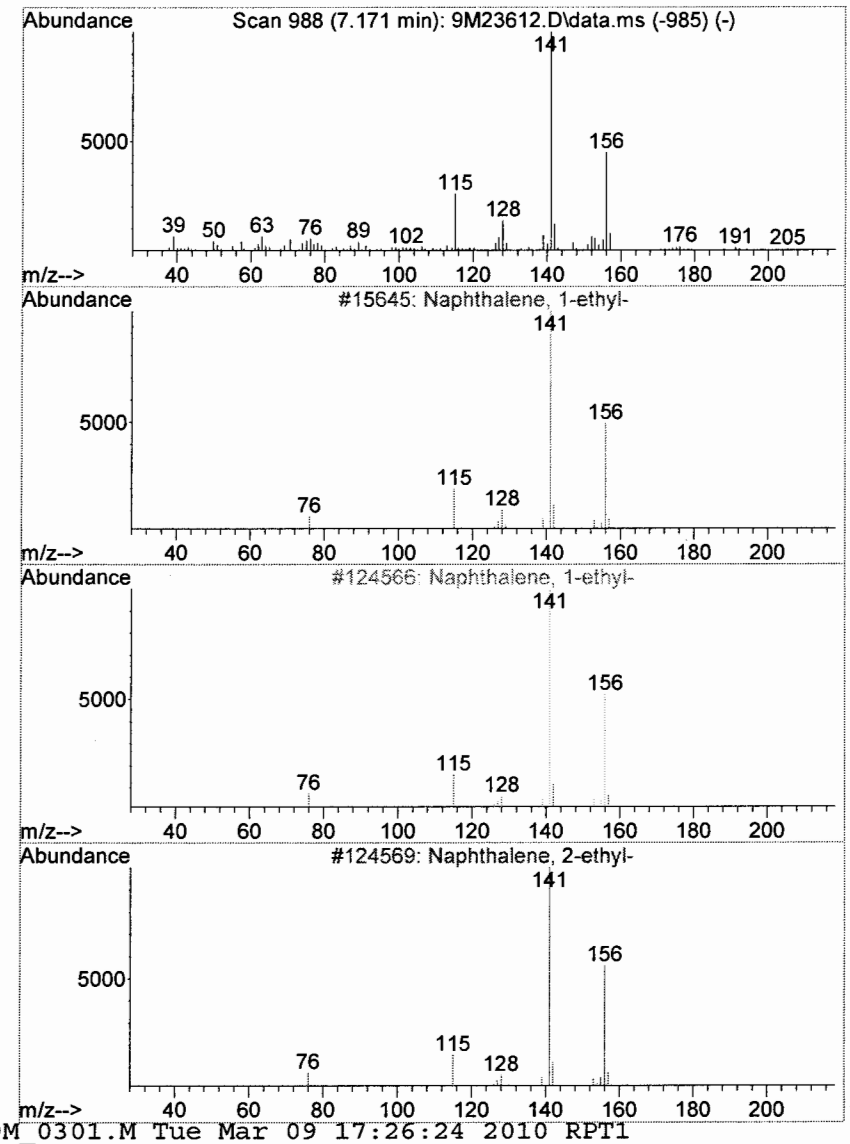
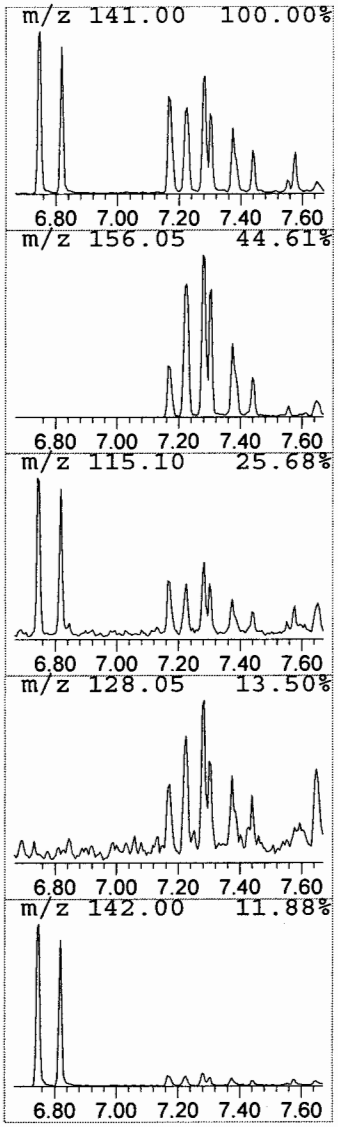
Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	25.45 ng	182049	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

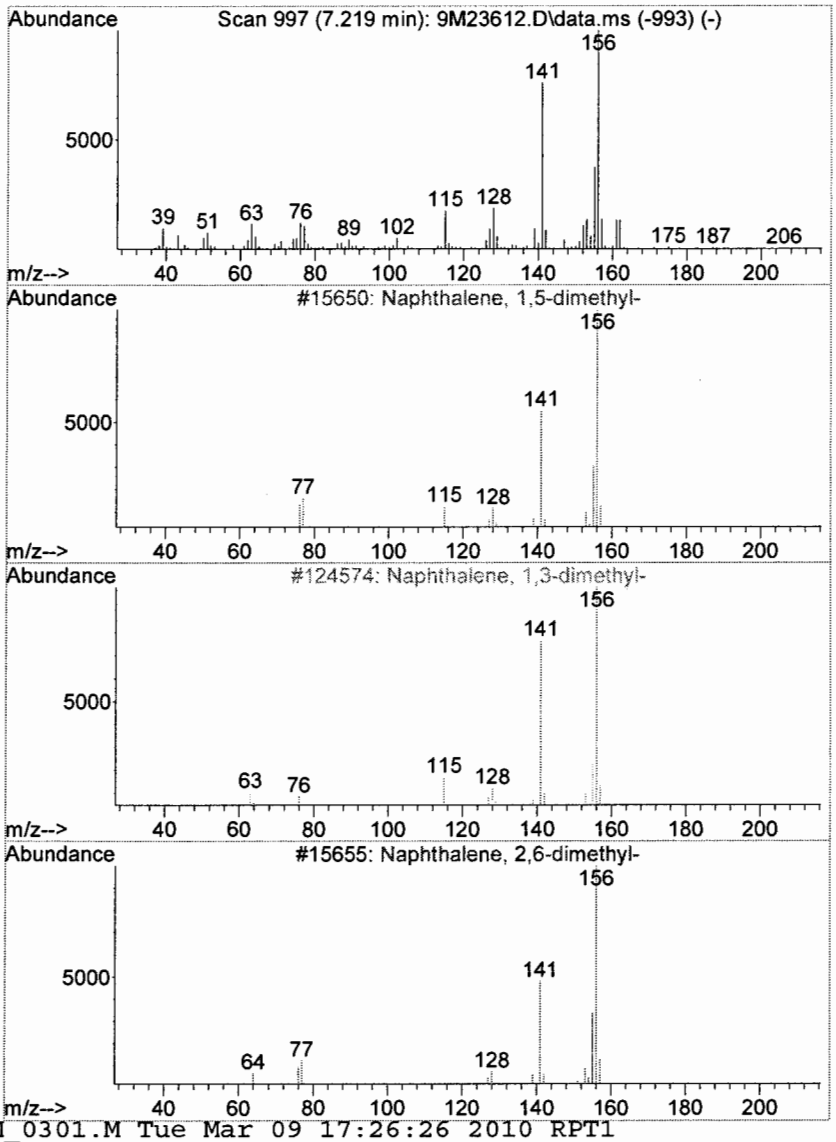
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

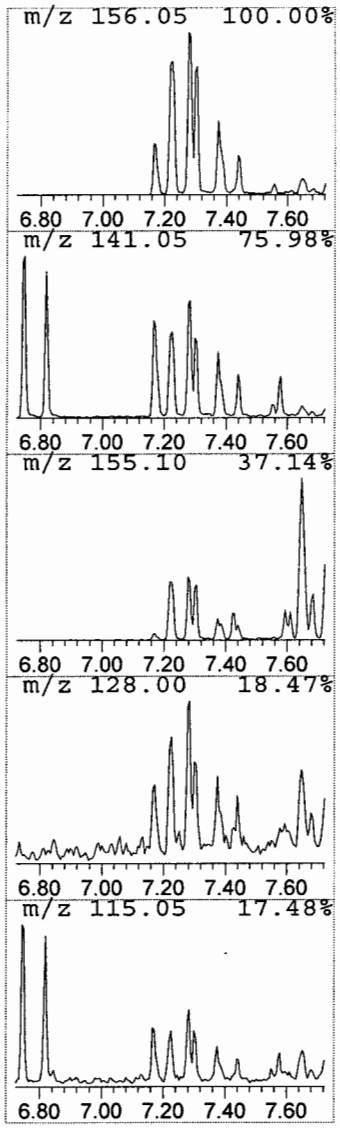
****

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	49.89 ng	356803	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

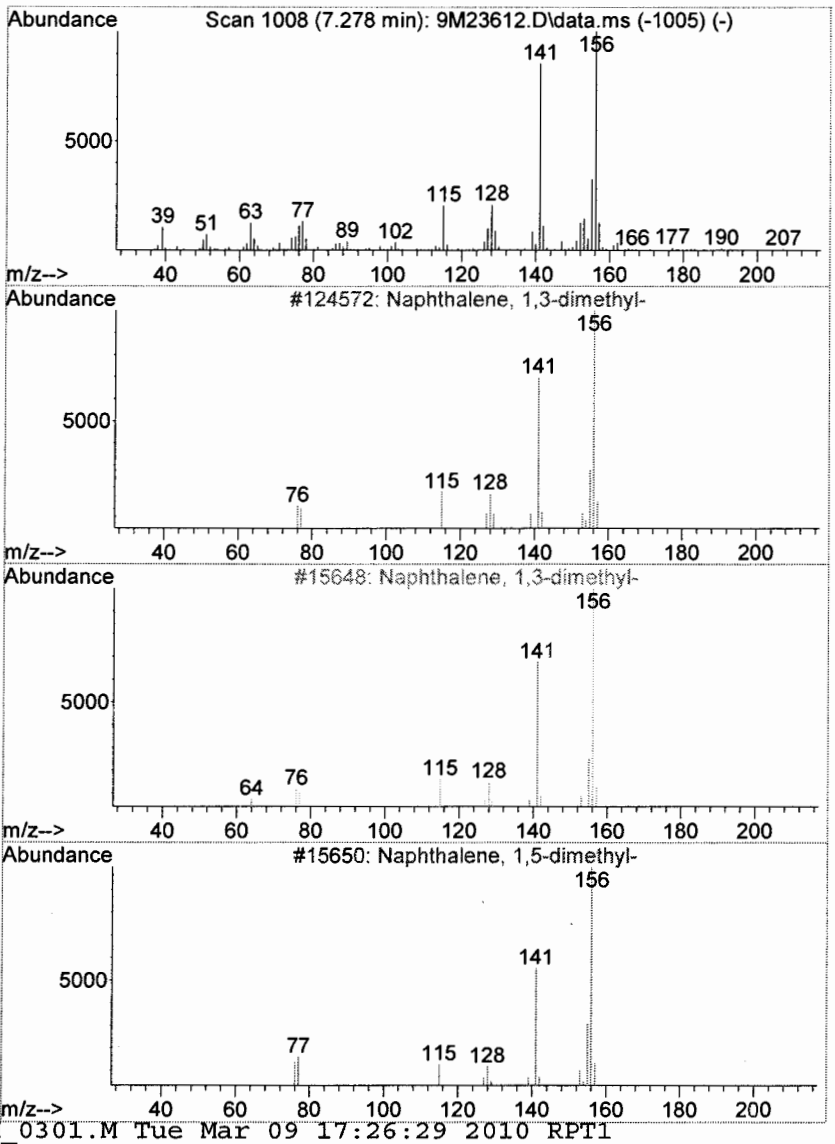
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

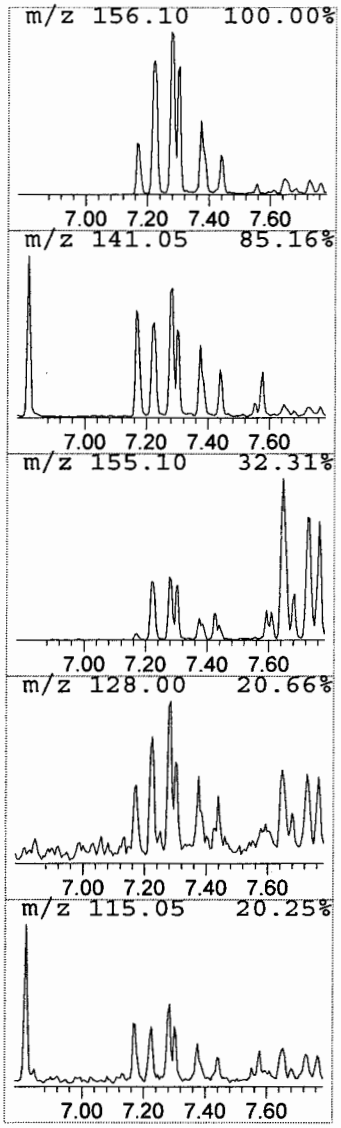
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	45.19 ng	323223	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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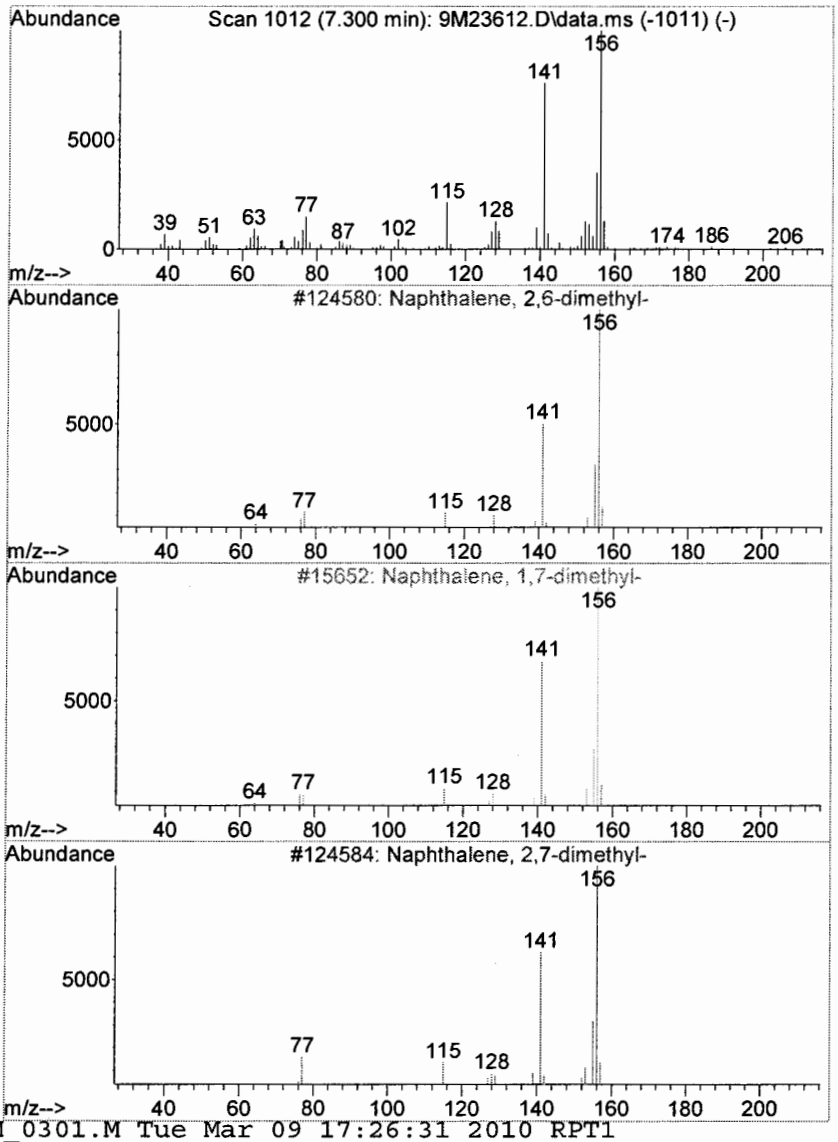
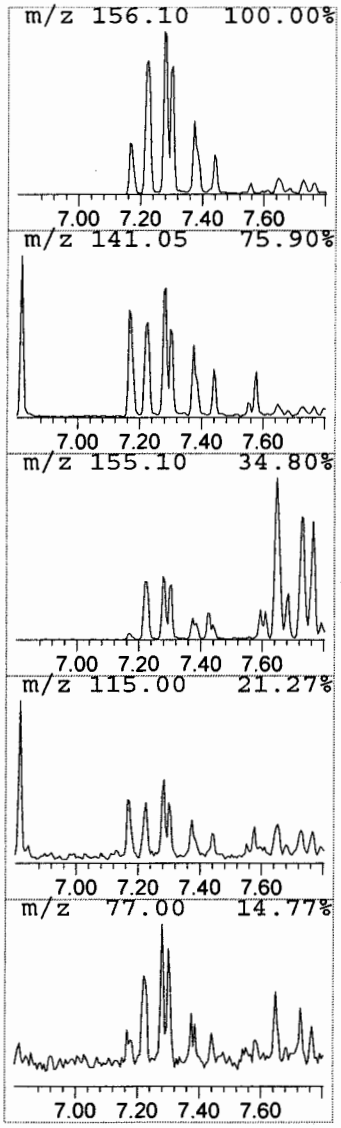
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	27.22 ng	194702	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Library Search Compound Report

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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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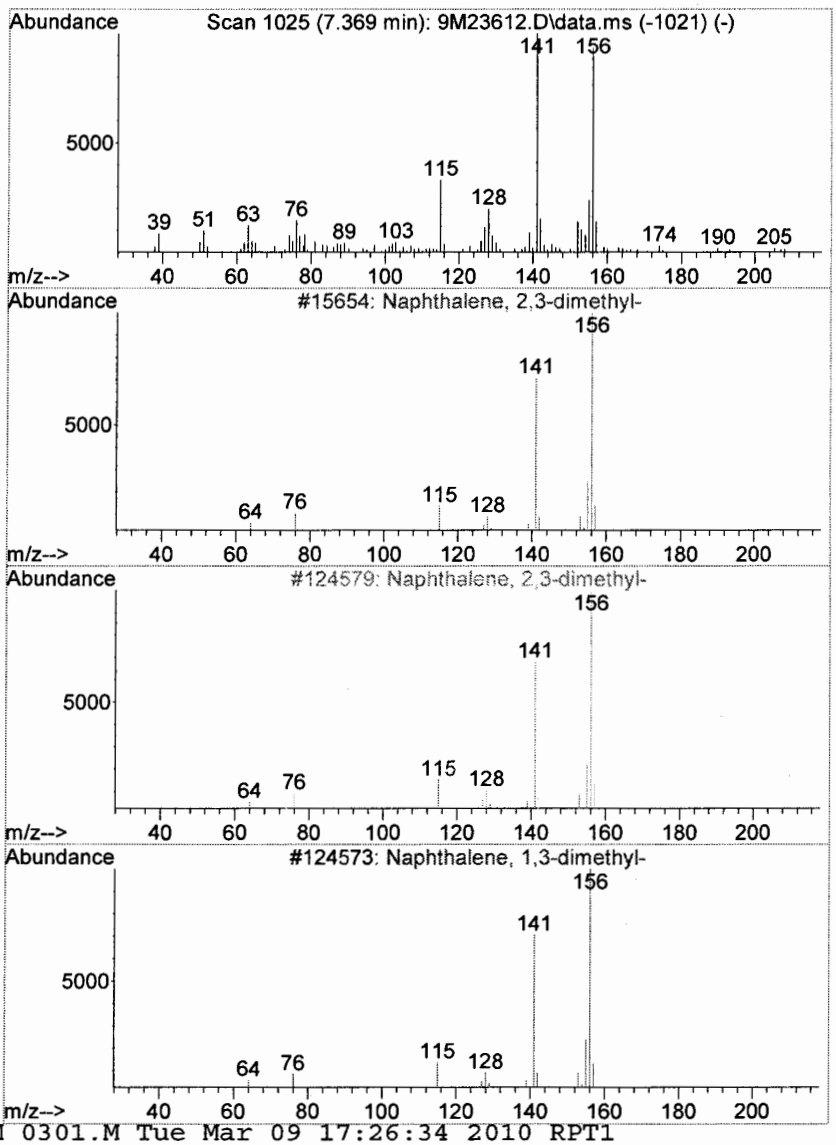
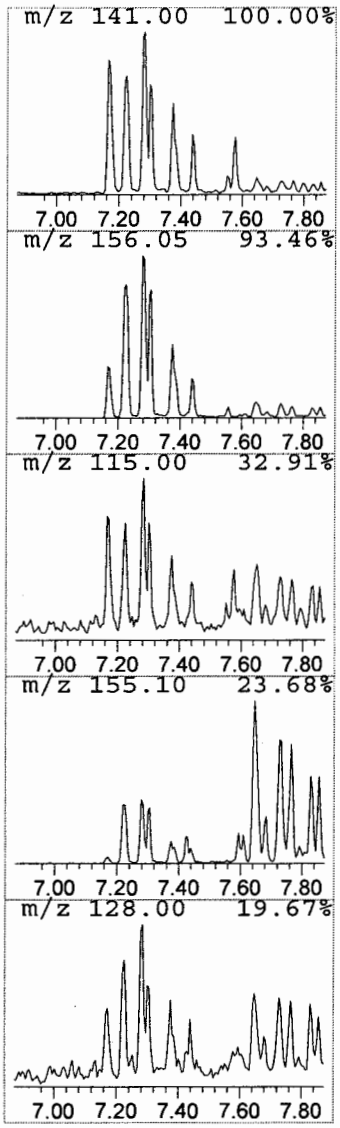
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	23.79 ng	170175	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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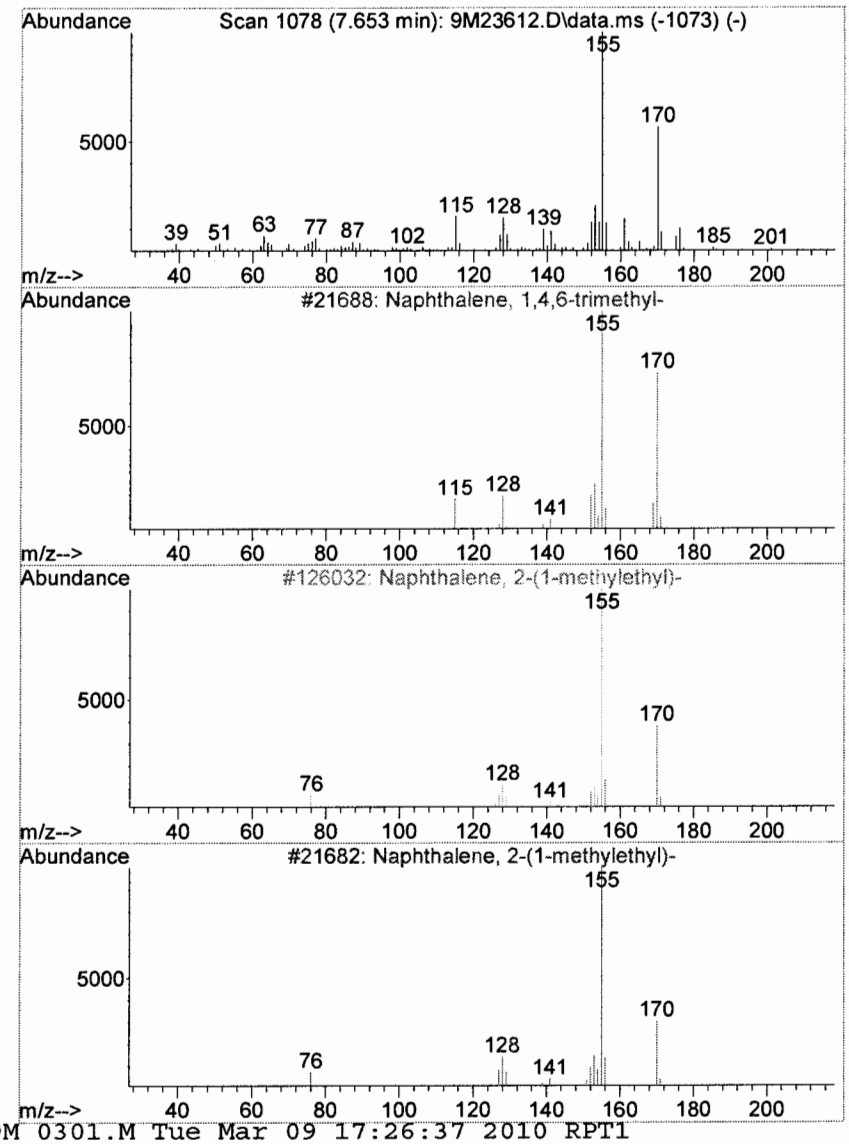
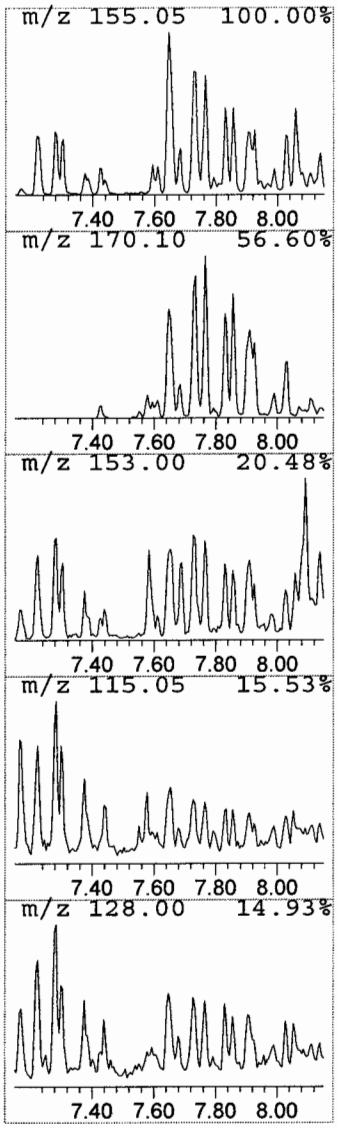
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	35.02 ng	250497	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	93
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
5	Naphthalene, (1-methylethyl)-	170	C13H14	029253-36-9	83





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Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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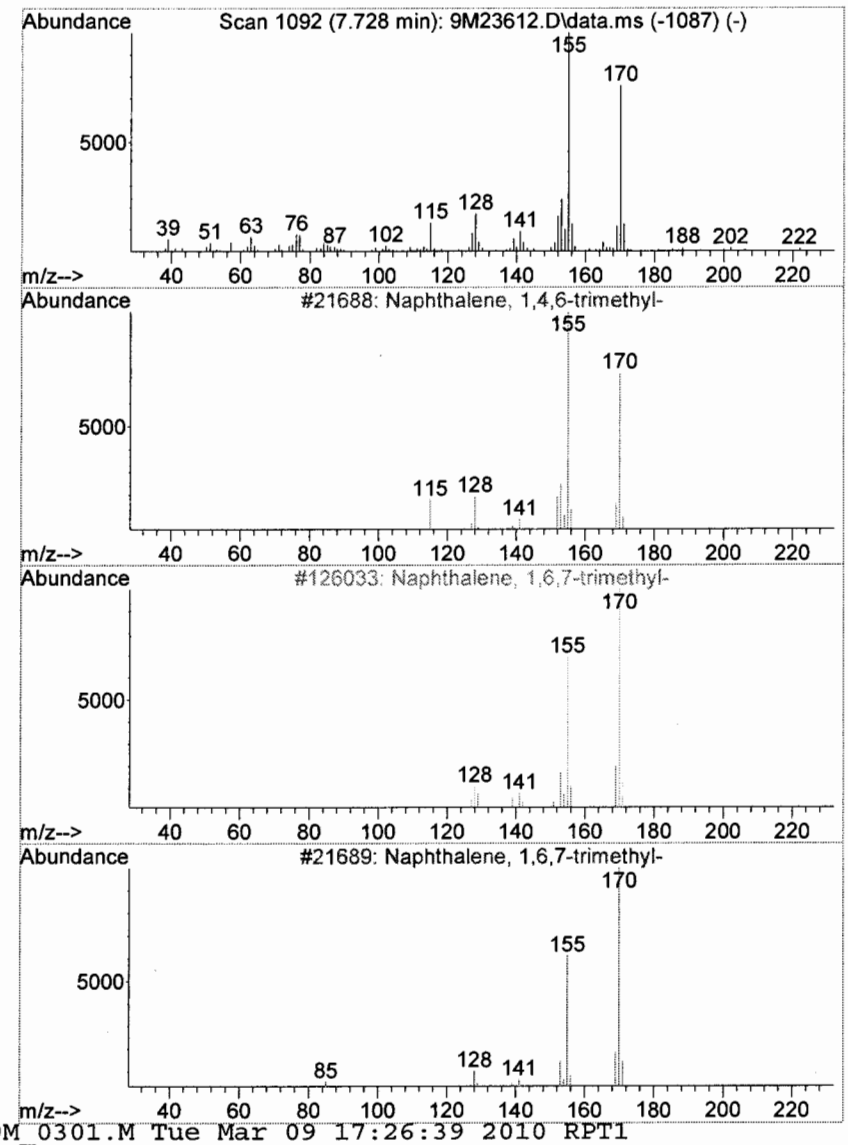
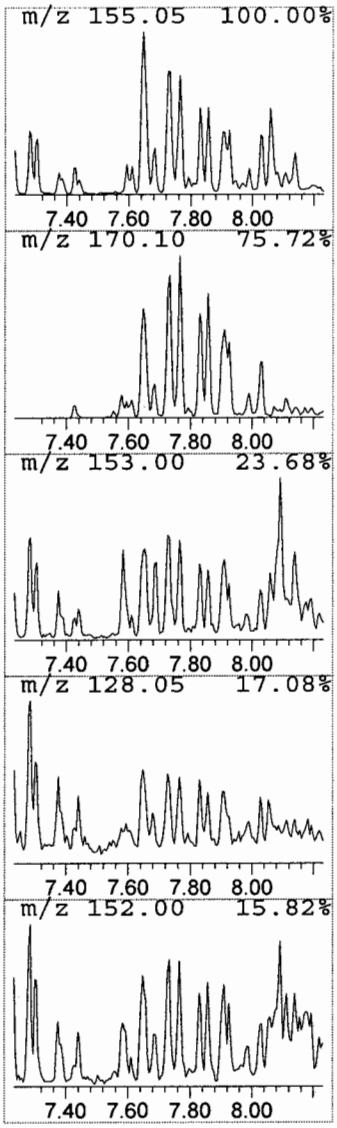
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	31.27 ng	223669	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Library Search Compound Report

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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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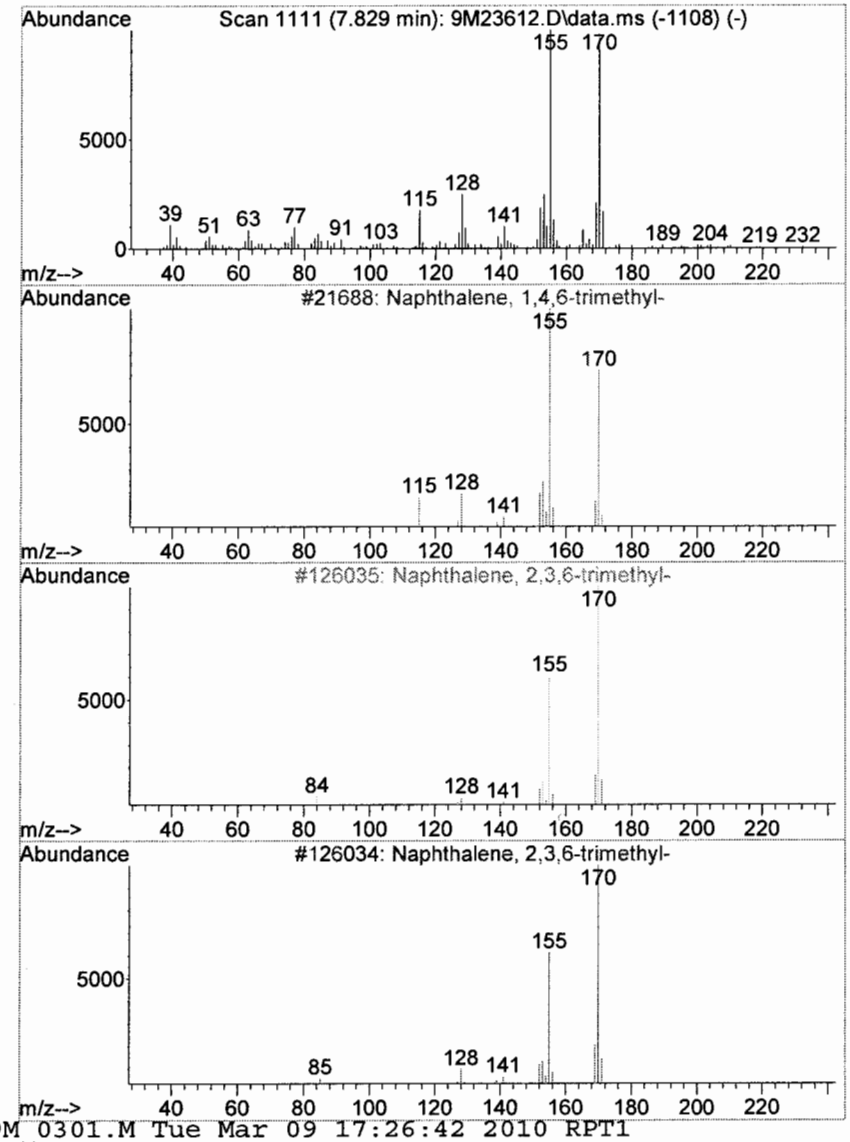
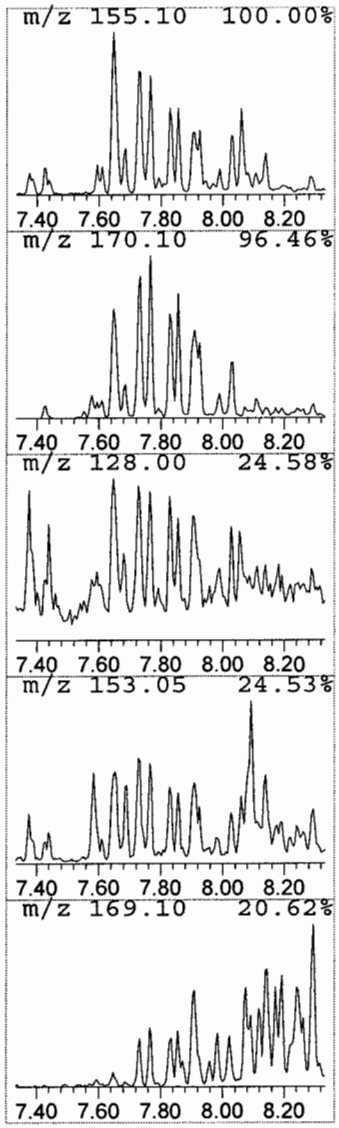
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	20.40 ng	145909	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5	Naphthalene, 1,3,6-trimethyl-	170	C13H14	003031-08-1	90





Library Search Compound Report

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Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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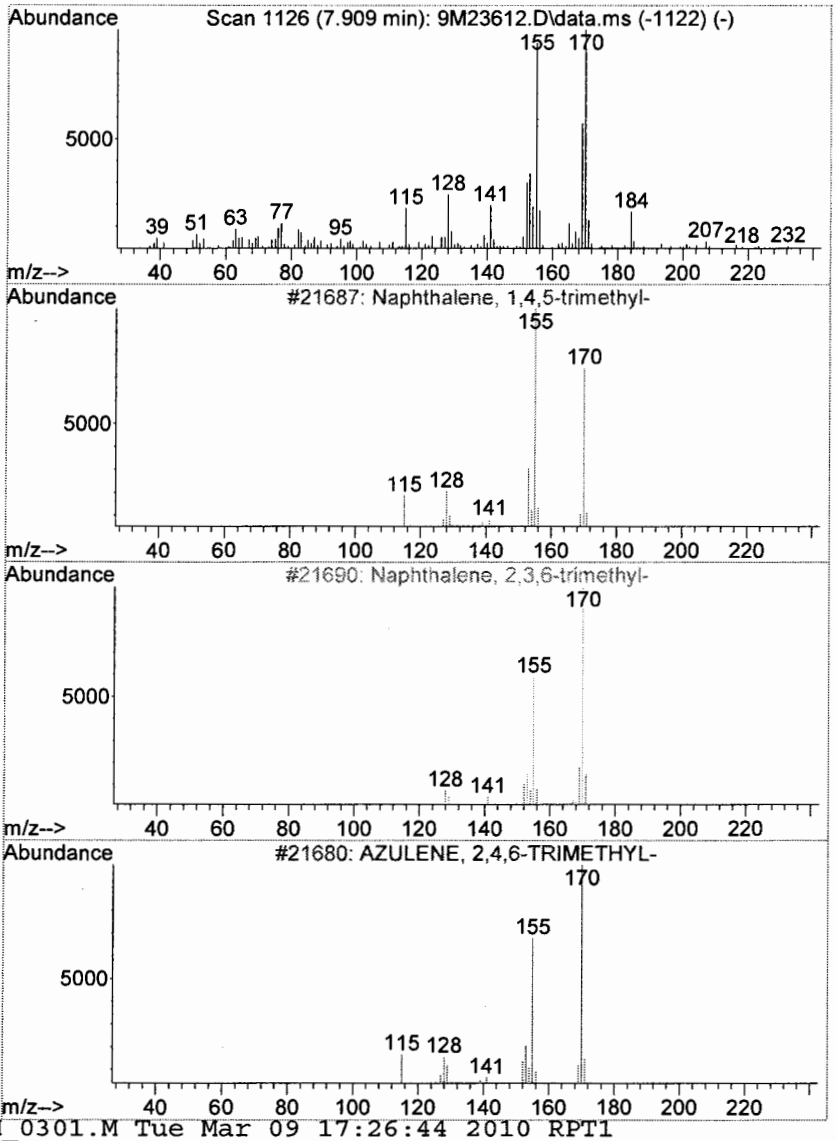
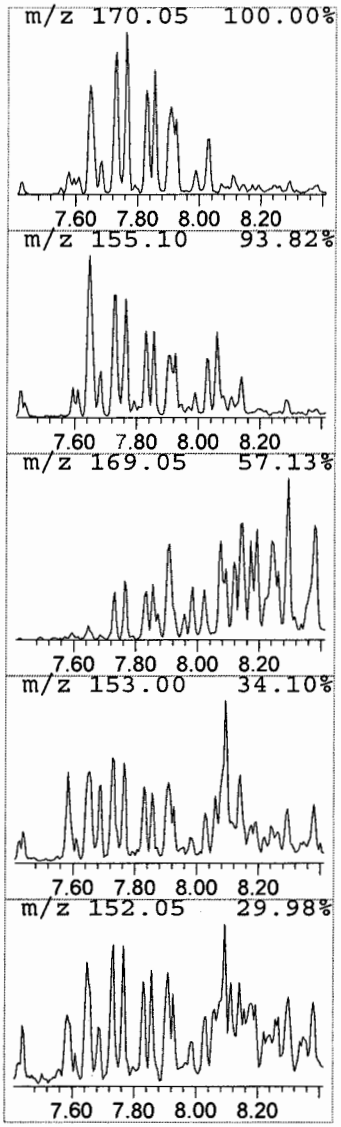
Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	26.58 ng	190109	LibIS-Acenaphthene-d10	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	68
3	AZULENE, 2,4,6-TRIMETHYL-	170	C13H14	000000-00-0	64
4	Naphthalene, 1,3,6-trimethyl-	170	C13H14	003031-08-1	64
5	3-Ethyl-1-methylnaphthalene	170	C13H14	017179-41-8	58





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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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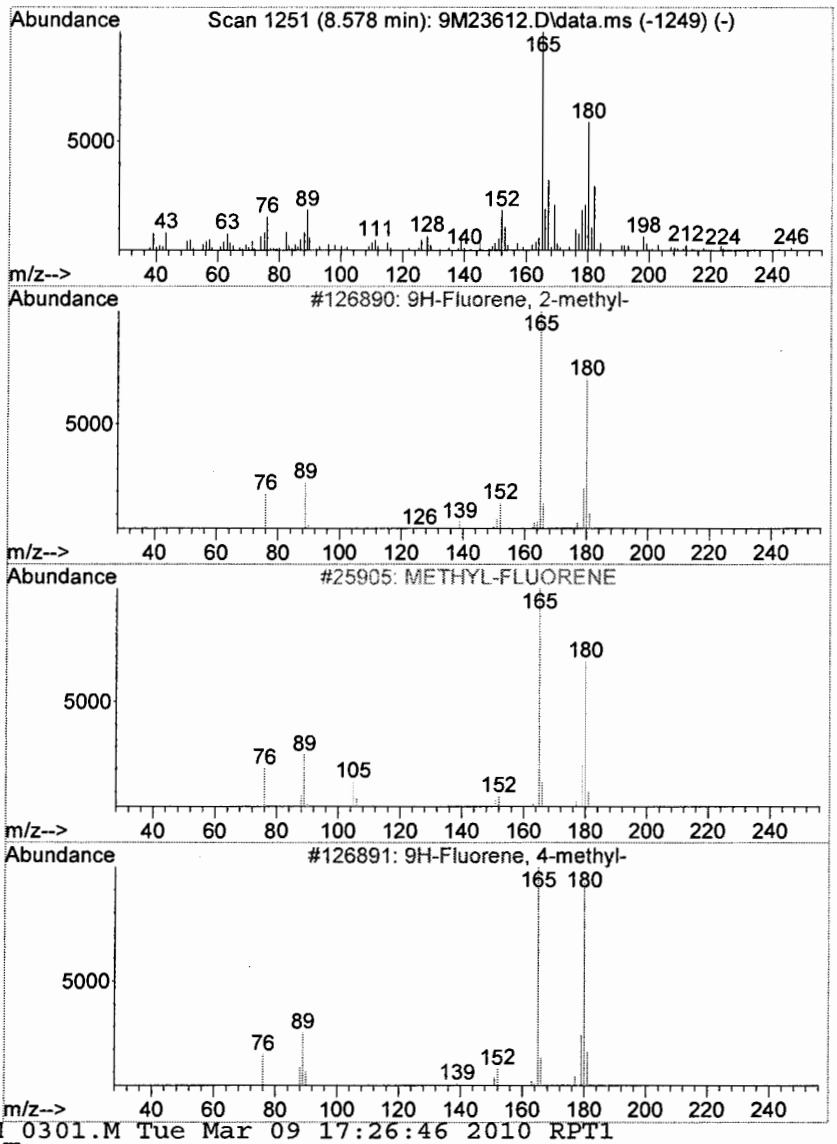
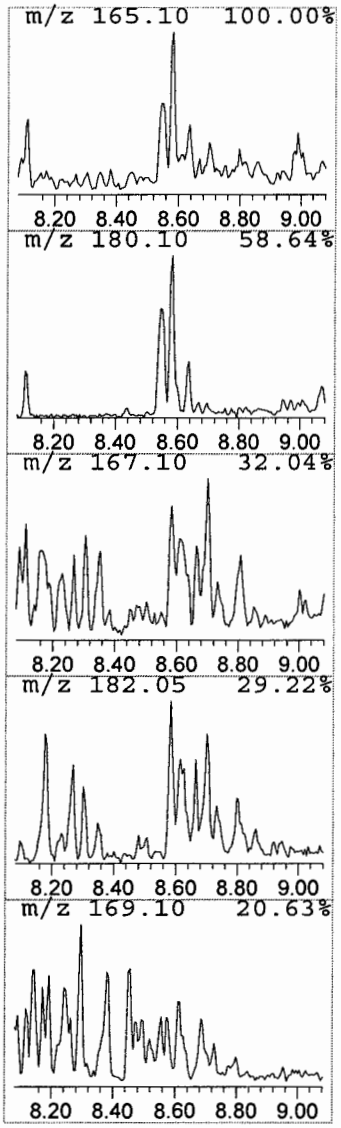
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	25.91 ng	144837	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	METHYL-FLUORENE	180	C14H12	000000-00-0	64
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	58
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	53
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	53





Library Search Compound Report

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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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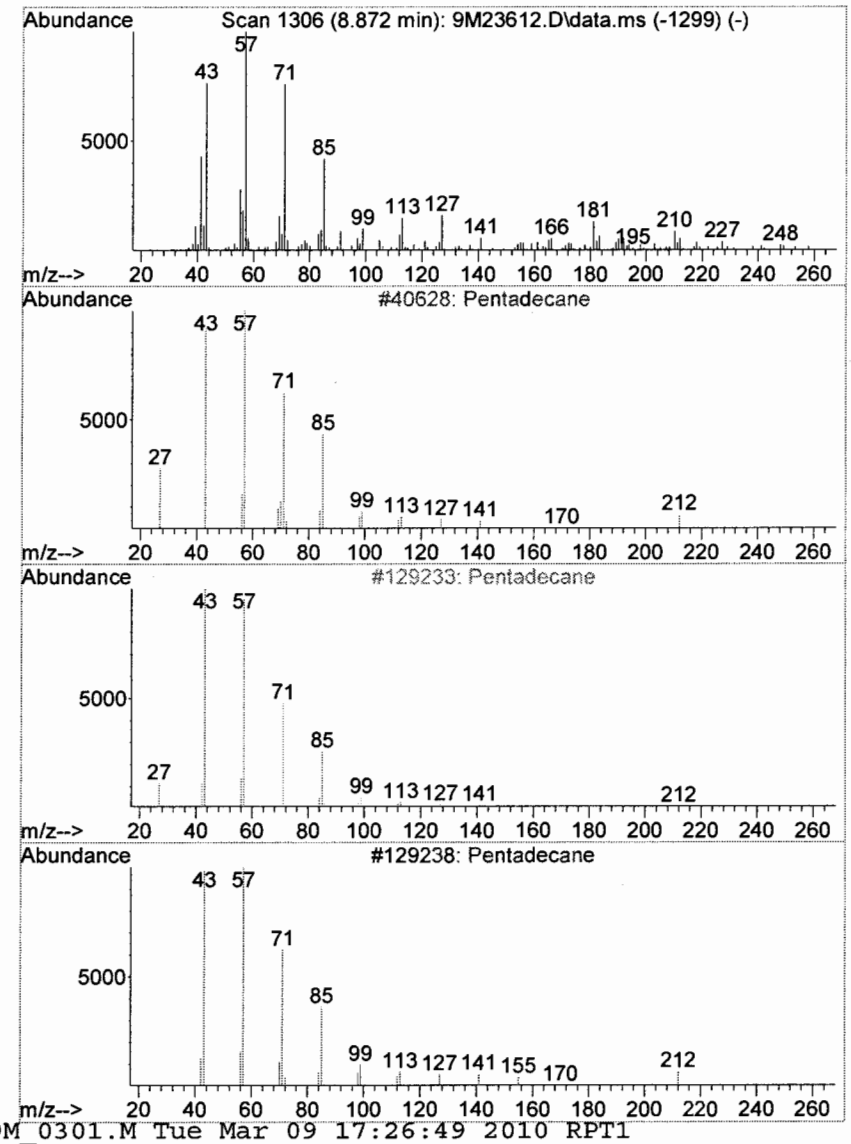
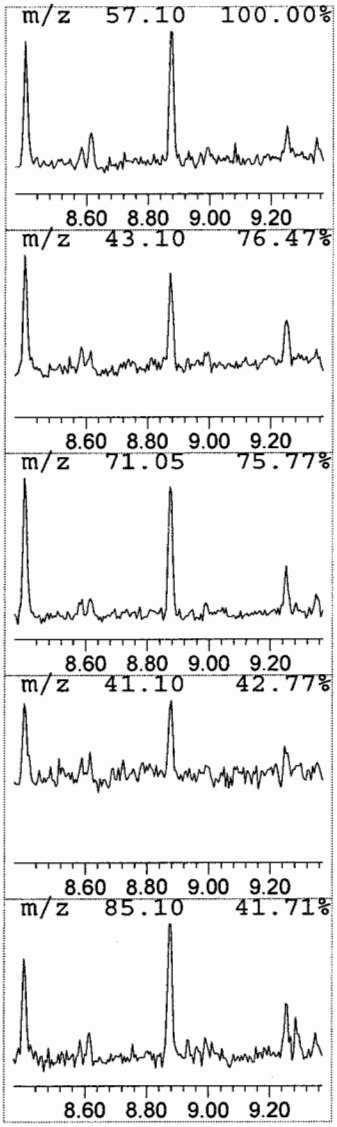
Peak Number 13 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	29.89 ng	167055	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Pentadecane	212	C15H32	000629-62-9	81
3	Pentadecane	212	C15H32	000629-62-9	78
4	Pentadecane	212	C15H32	000629-62-9	74
5	Dodecane	170	C12H26	000112-40-3	74





Library Search Compound Report

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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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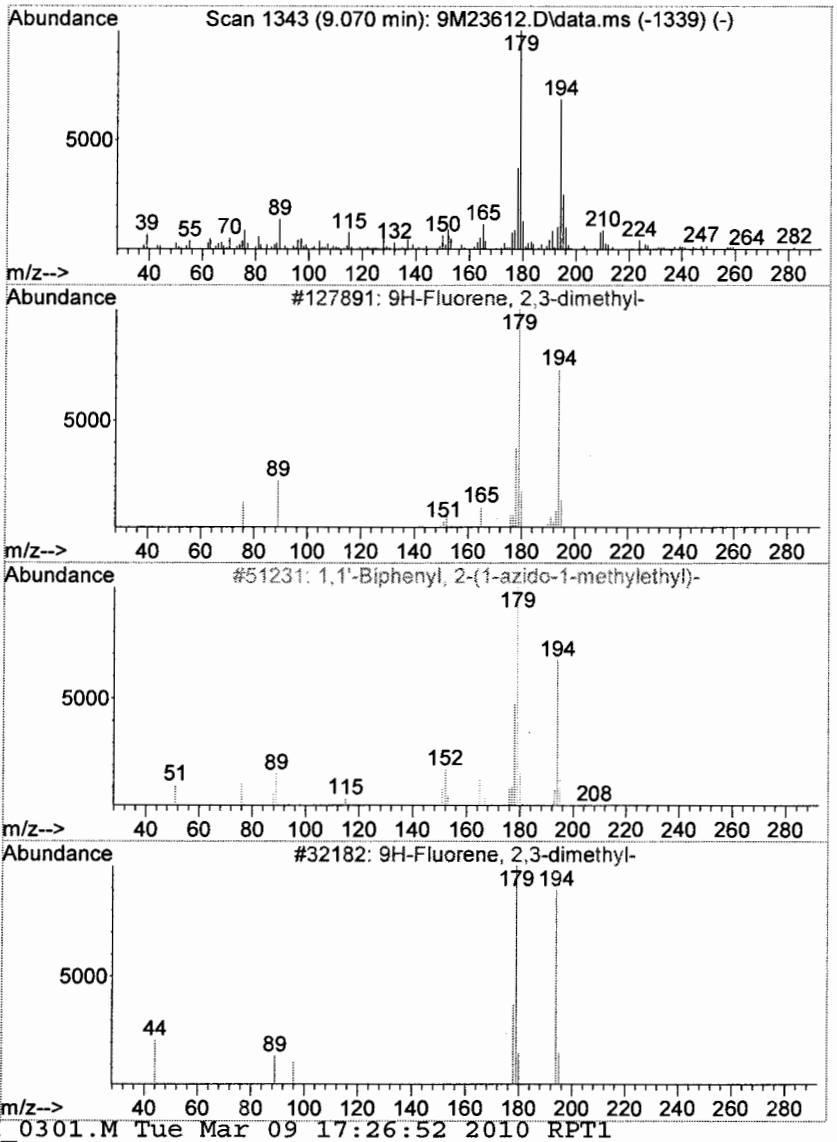
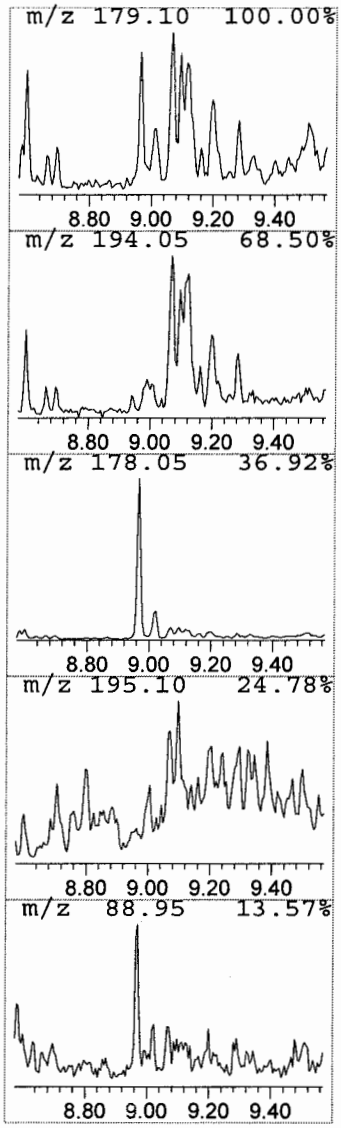
Peak Number 14 9H-Fluorene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	25.60 ng	143069	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	91
2	1,1'-Biphenyl, 2-(1-azido-1-meth...	237	C15H15N3	032366-24-8	80
3	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
4	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	52
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	50





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Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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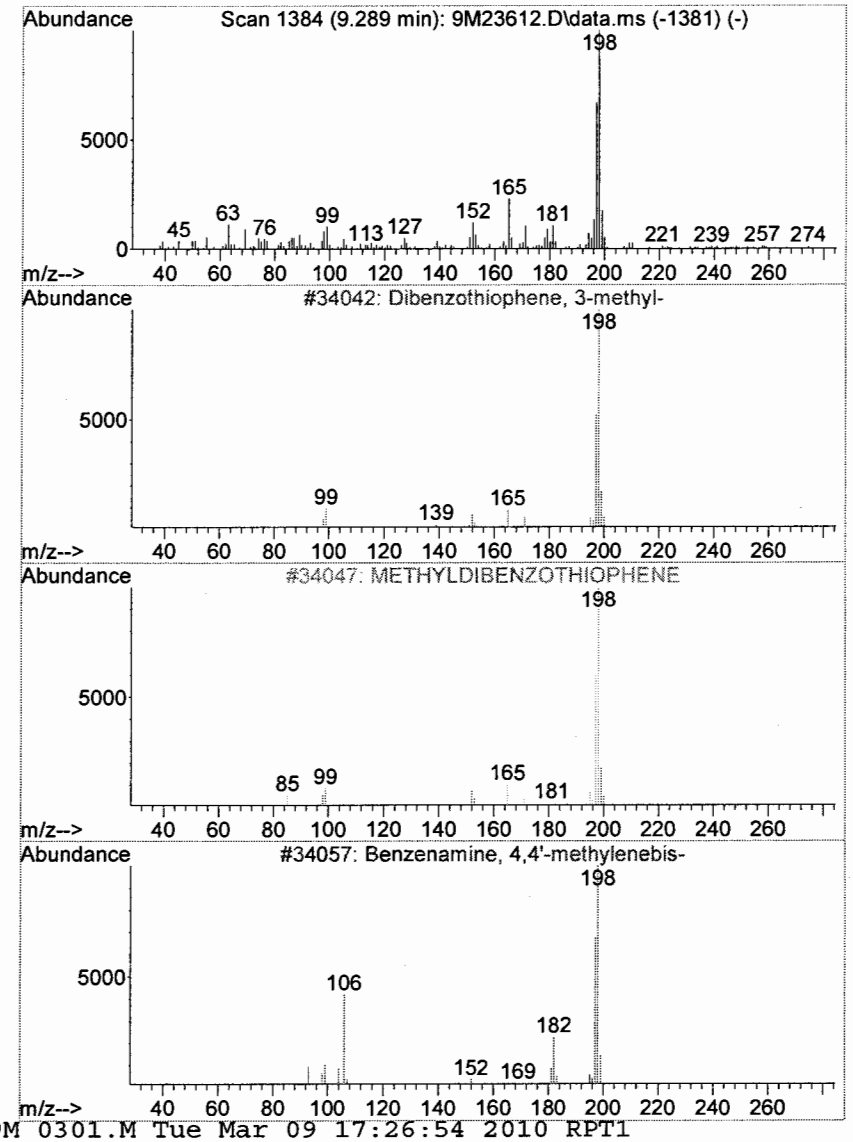
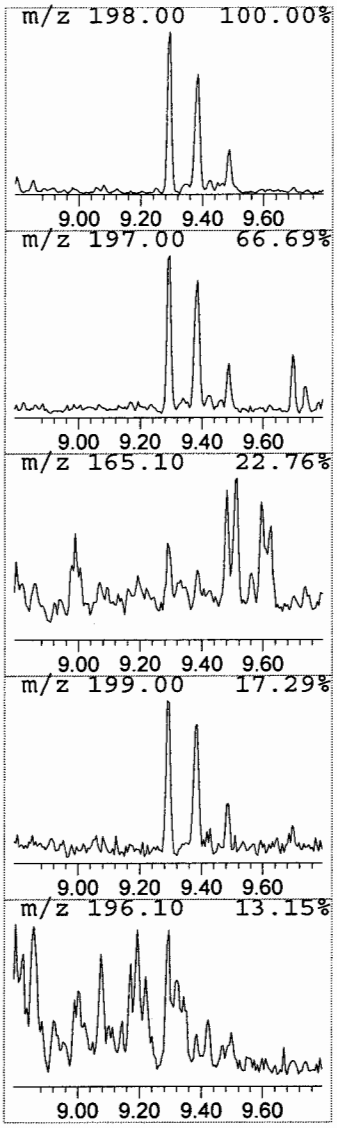
Peak Number 15 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	30.20 ng	168819	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	87
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	76
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74





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Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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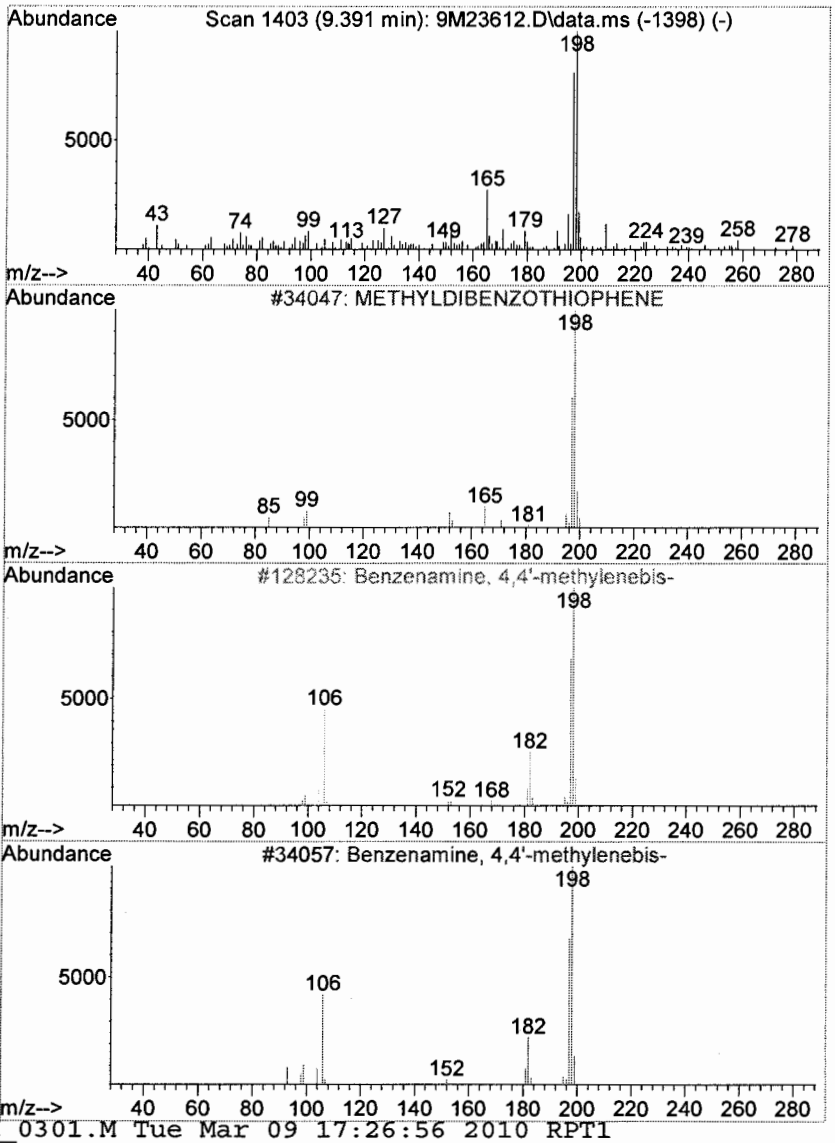
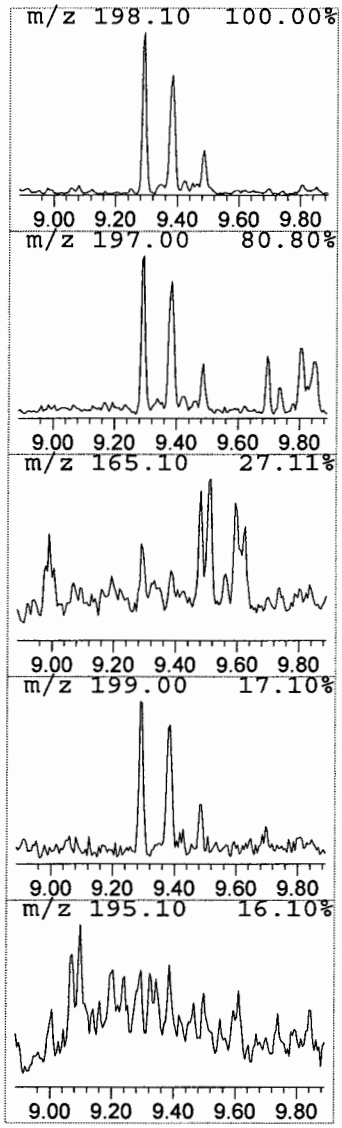
Peak Number 16 METHYLDIBENZOTHIOPHENE Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	22.11 ng	123572	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	94
2	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
4	2-Methylnaphtho[2,1-b]thiophene	198	C13H10S	016587-35-2	80
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72





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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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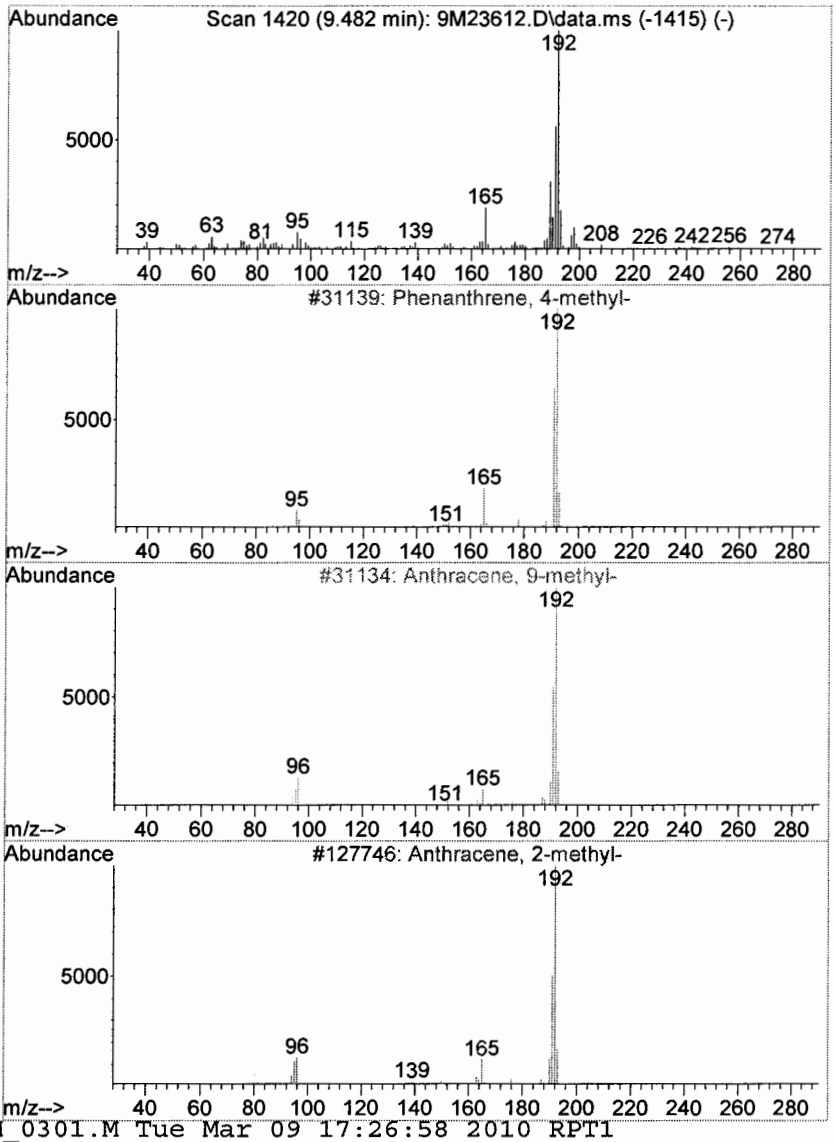
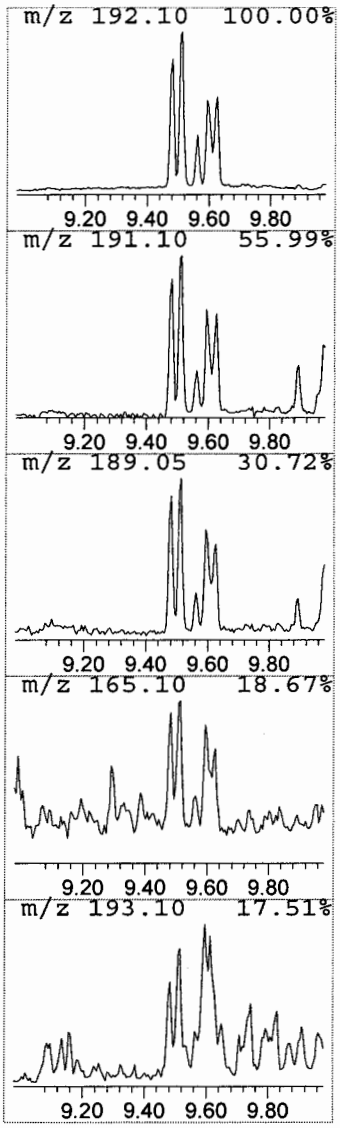
Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	52.67 ng	294381	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
5	METHYL-PHENANTHRENE OR METHYL-AN...	192	C15H12	000610-48-0	81





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

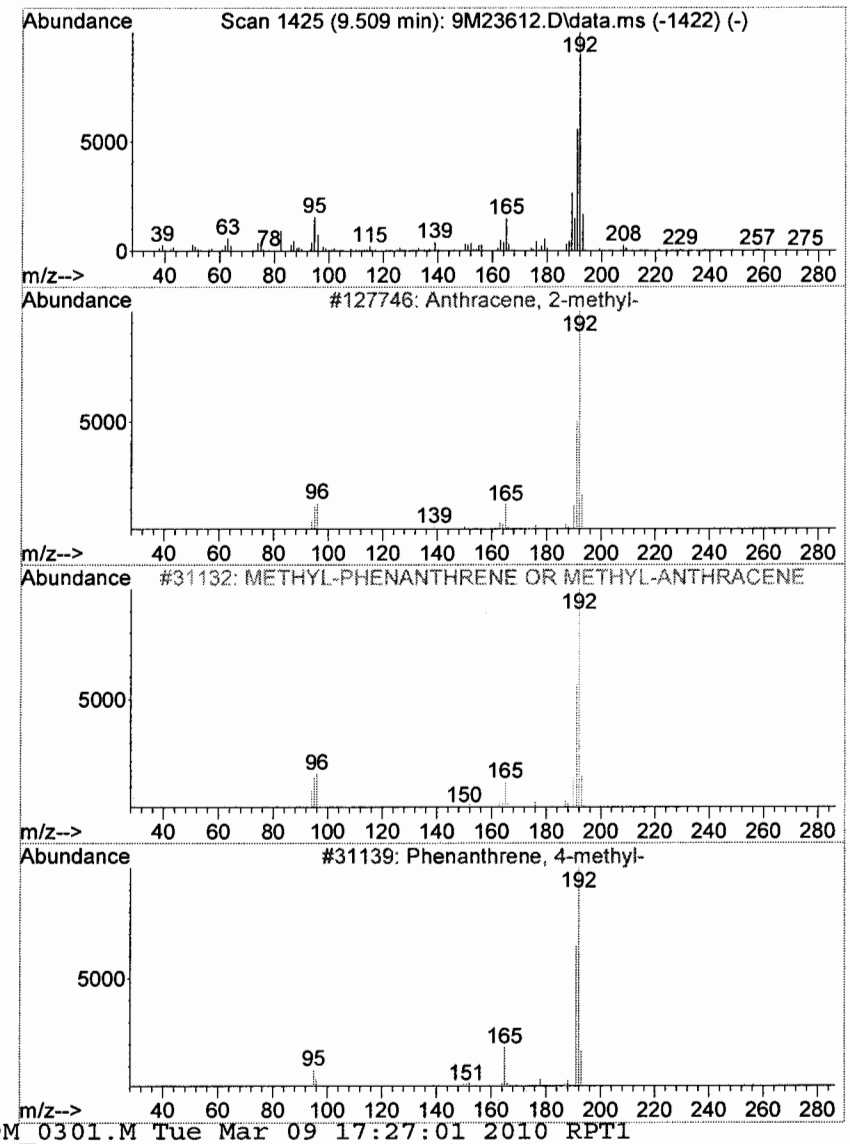
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

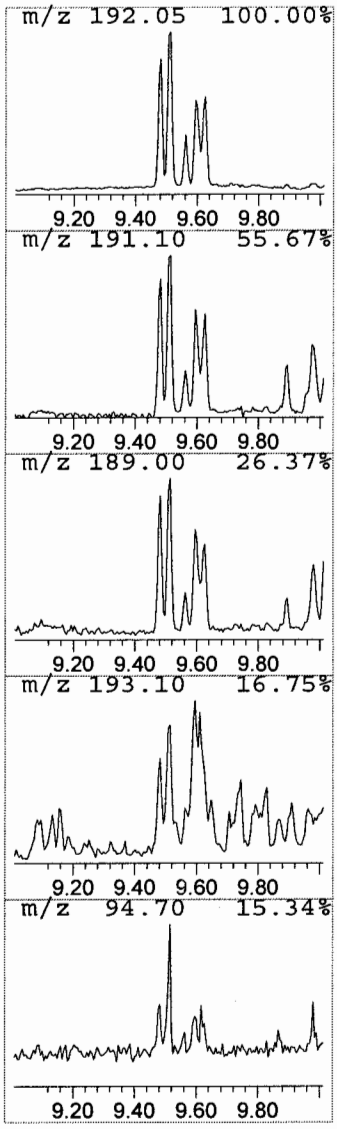
****

Peak Number 18 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	63.64 ng	355717	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	METHYL-PHENANTHRENE OR METHYL-AN...	192	C15H12	000610-48-0	91
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
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Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

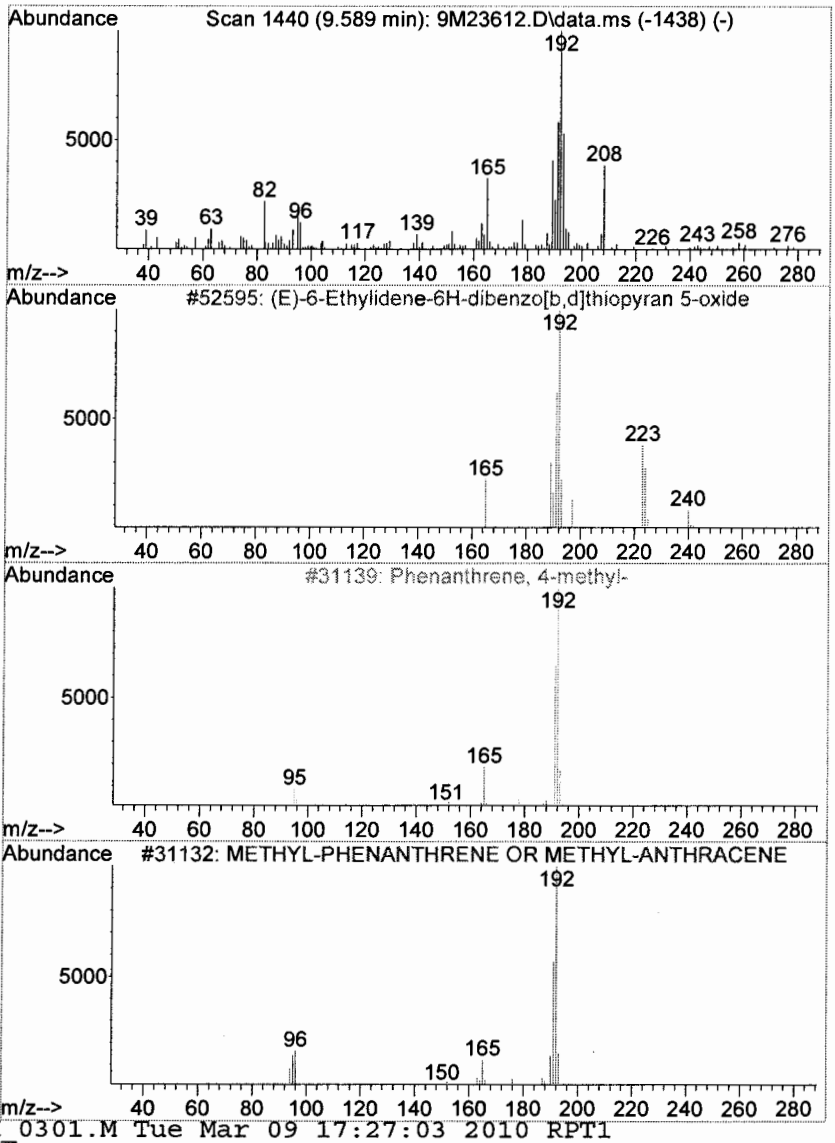
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

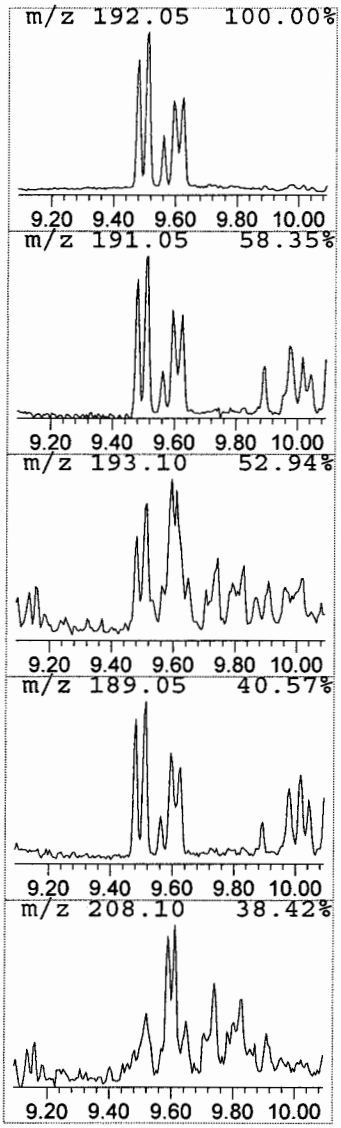
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (E)-6-Ethylidene-6H-dibenzo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	48.23 ng	269575	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-6-Ethylidene-6H-dibenzo[b,d]...	240	C15H12OS	087221-28-1	78
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
3	METHYL-PHENANTHRENE OR METHYL-AN...	192	C15H12	000610-48-0	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	59





Library Search Compound Report

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Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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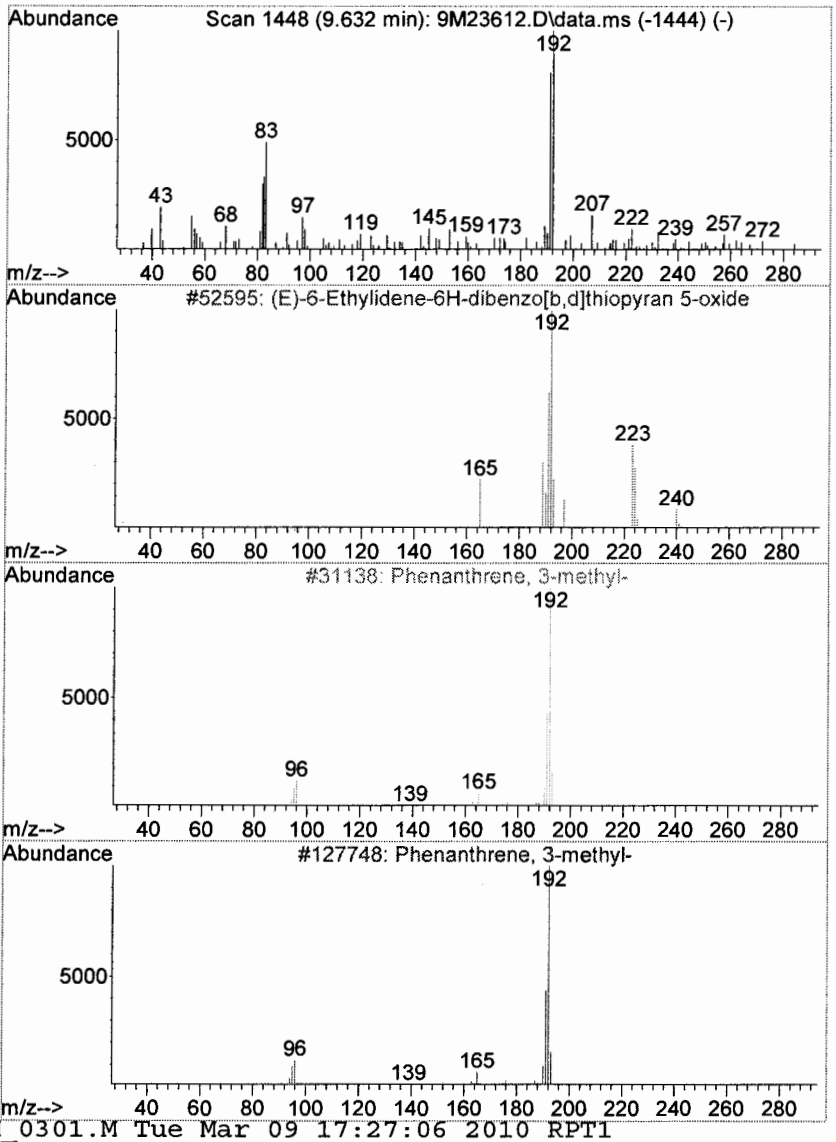
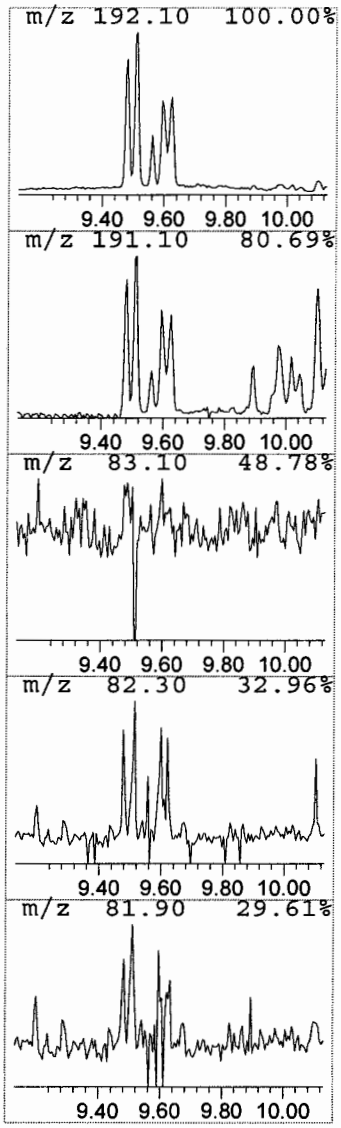
Peak Number 20 (E)-6-Ethylidene-6H-dibenzo... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	30.88 ng	172588	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-6-Ethylidene-6H-dibenzo[b,d]...	240	C15H12OS	087221-28-1	78
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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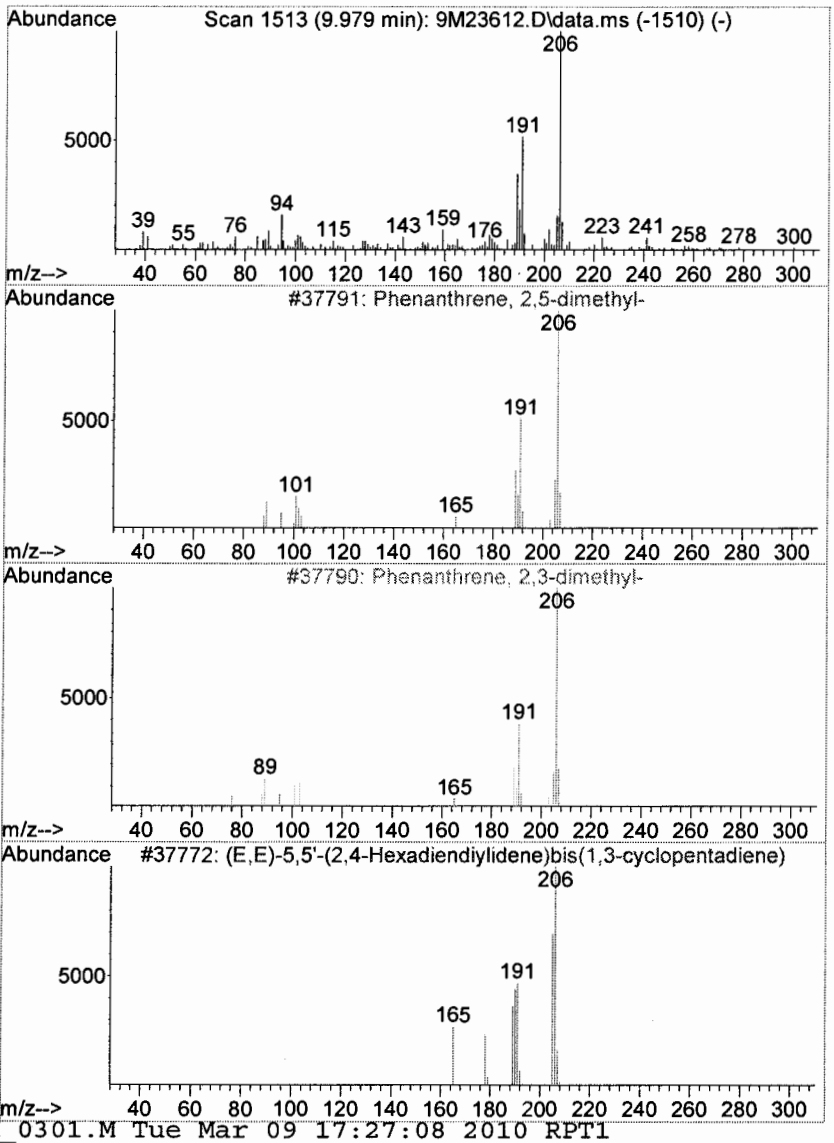
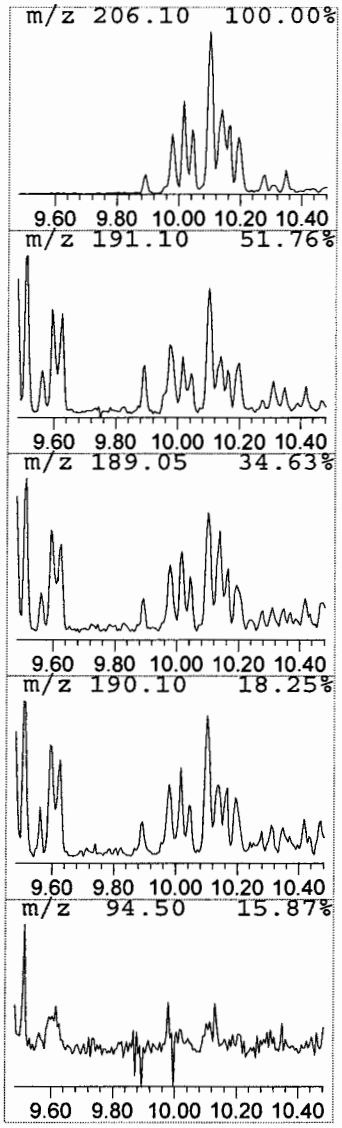
Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	36.01 ng	201264	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
3	(E,E)-5,5'-(2,4-Hexadiendiyliden...	206	C16H14	091524-64-0	64
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
5	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	62





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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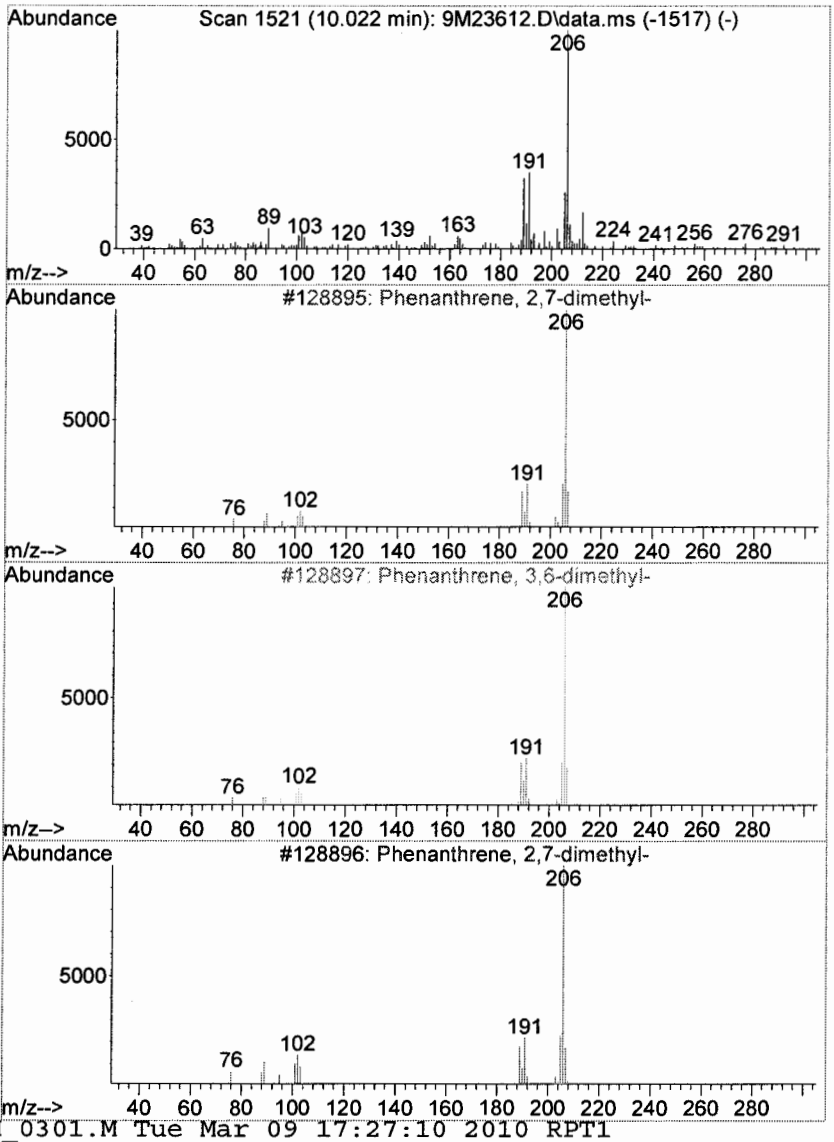
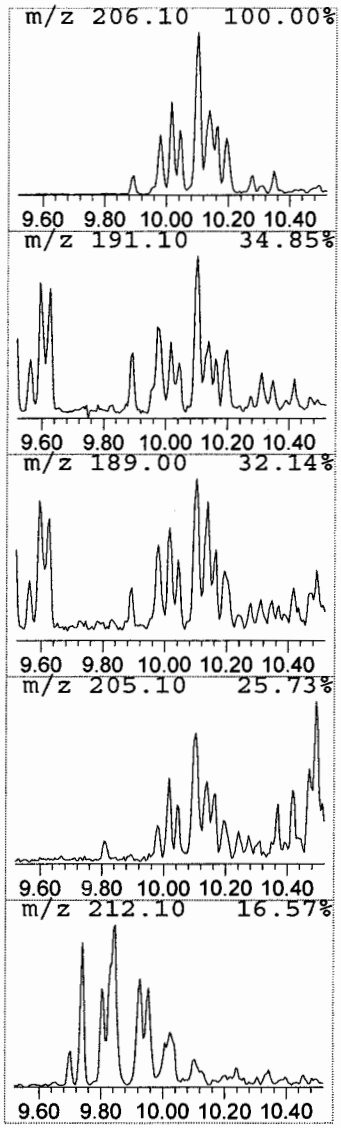
Peak Number 22 Phenanthrene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	39.94 ng	223254	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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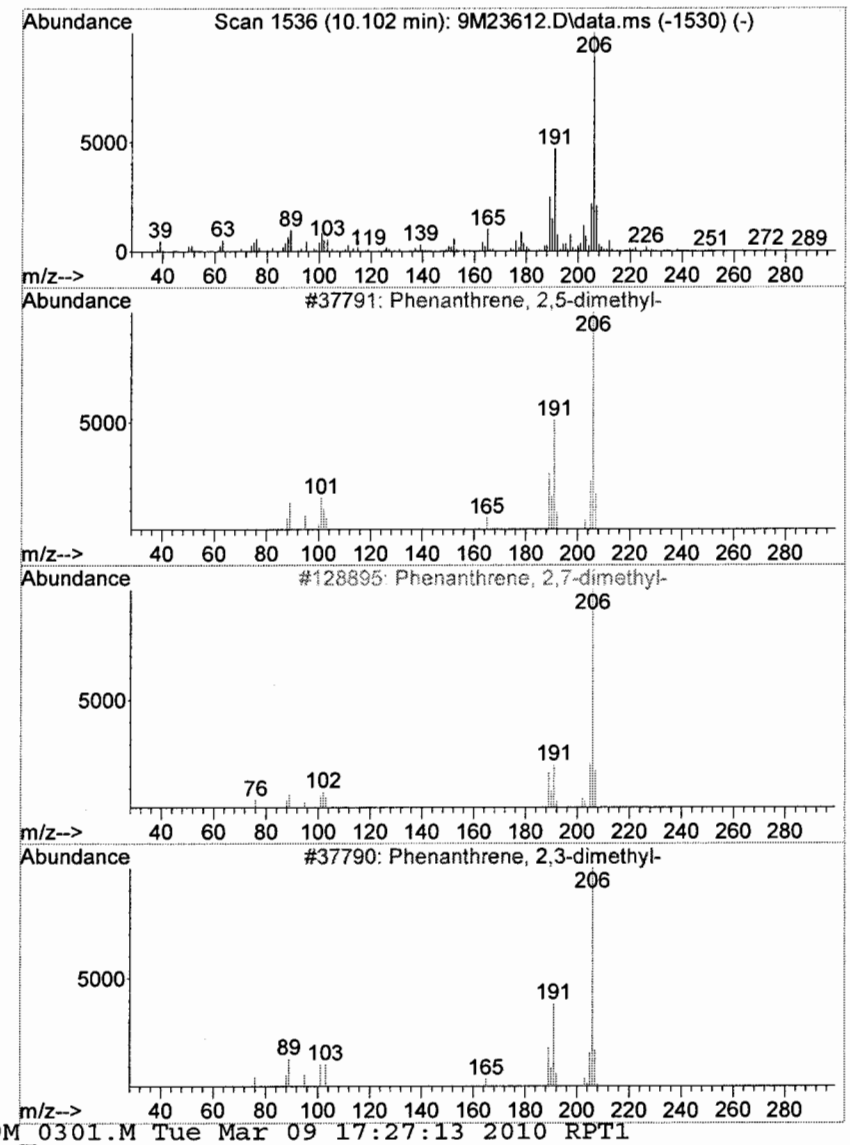
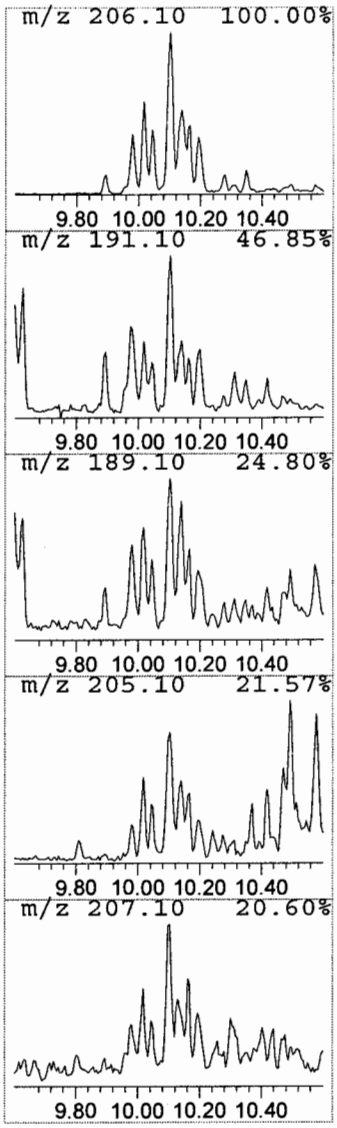
Peak Number 23 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	77.82 ng	434967	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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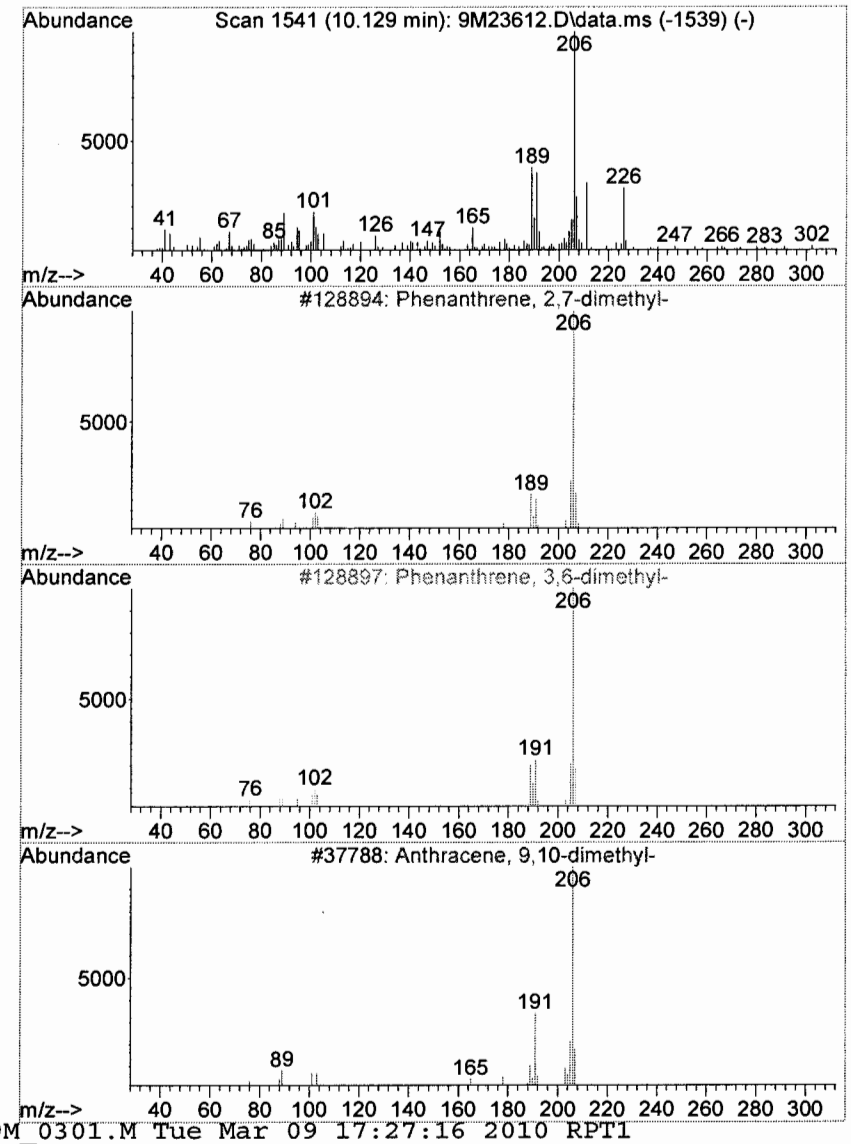
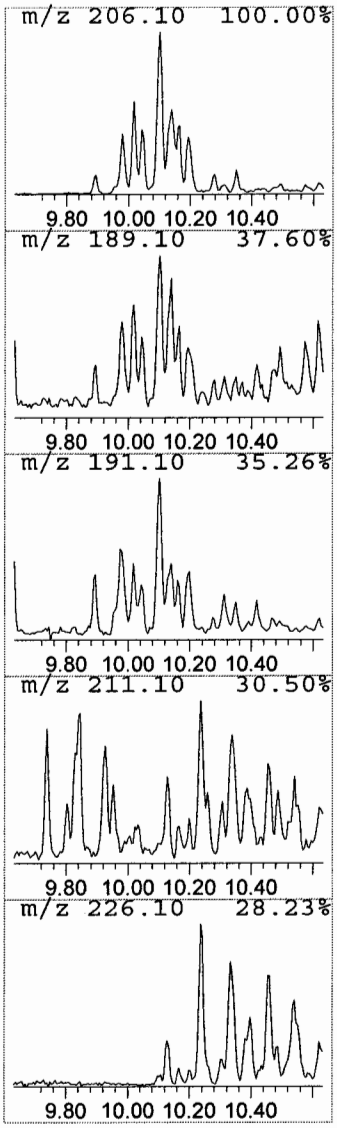
Peak Number 24 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	37.97 ng	212244	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3	Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	76
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	53





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
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Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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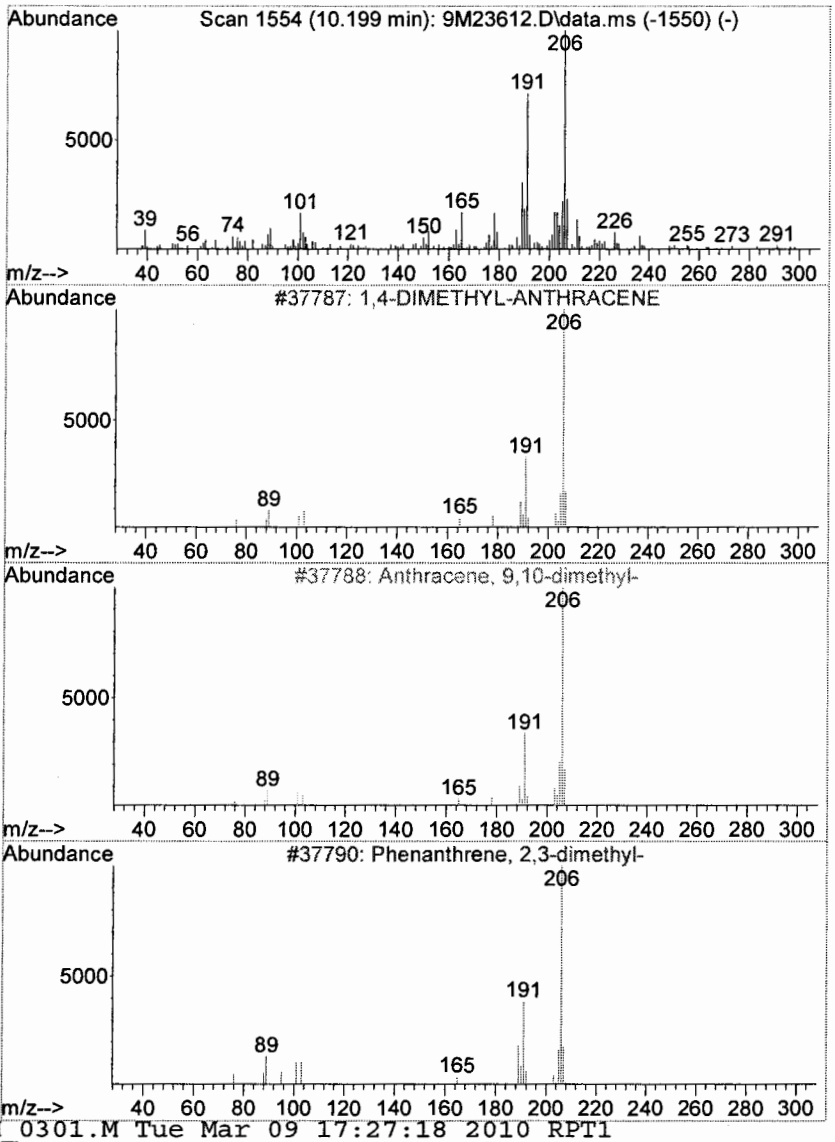
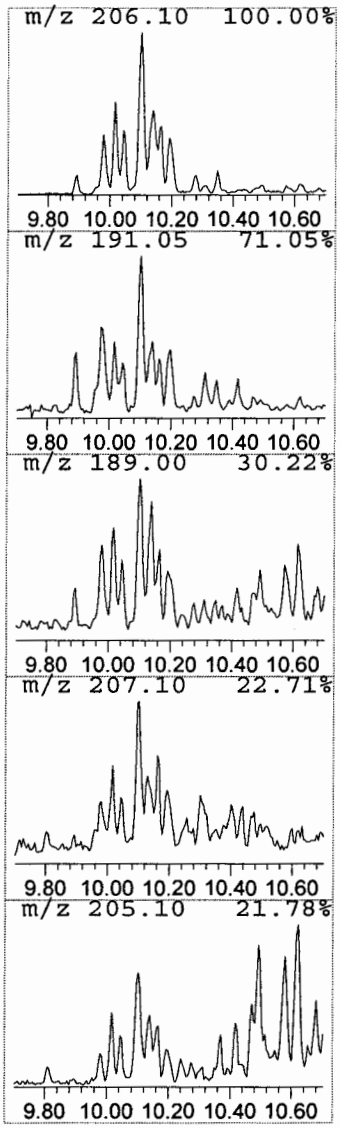
Peak Number 25 Anthracene, 9,10-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	27.35 ng	152865	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	91
2	Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	81
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72





Library Search Compound Report

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Acq On : 8 Mar 2010 10:31
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Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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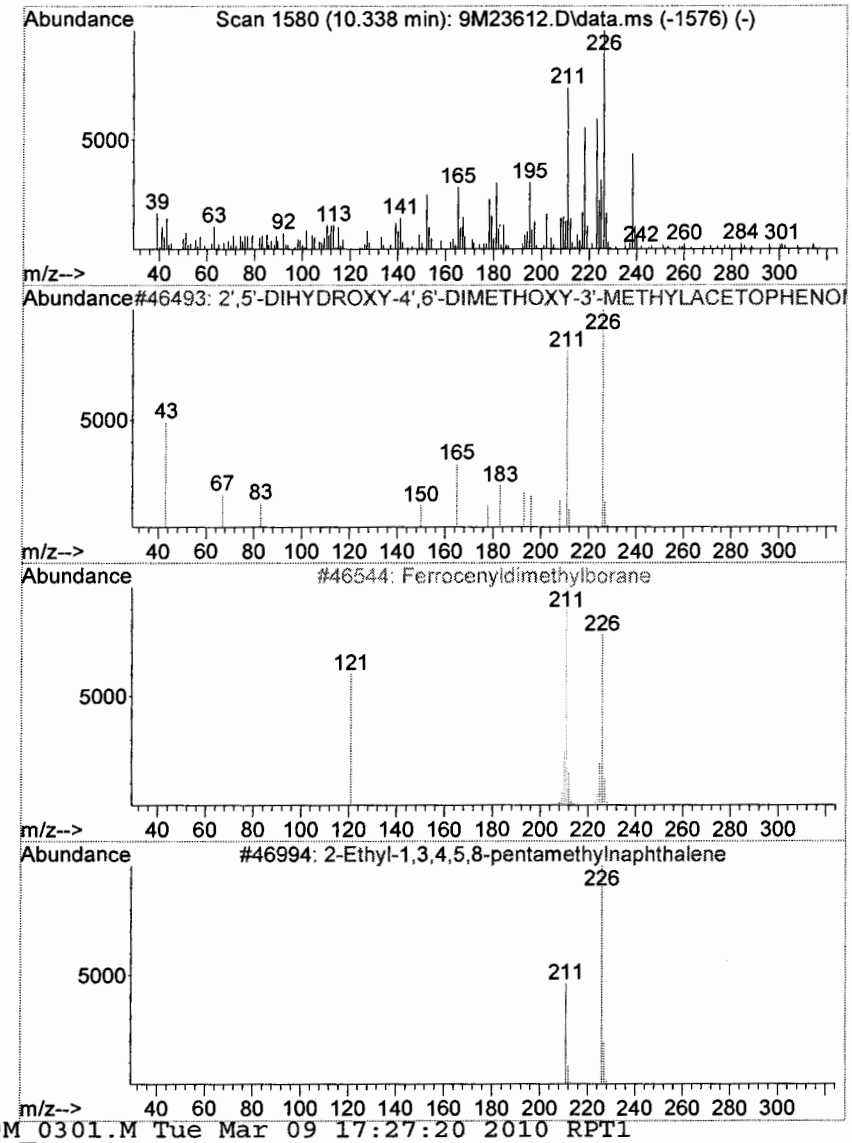
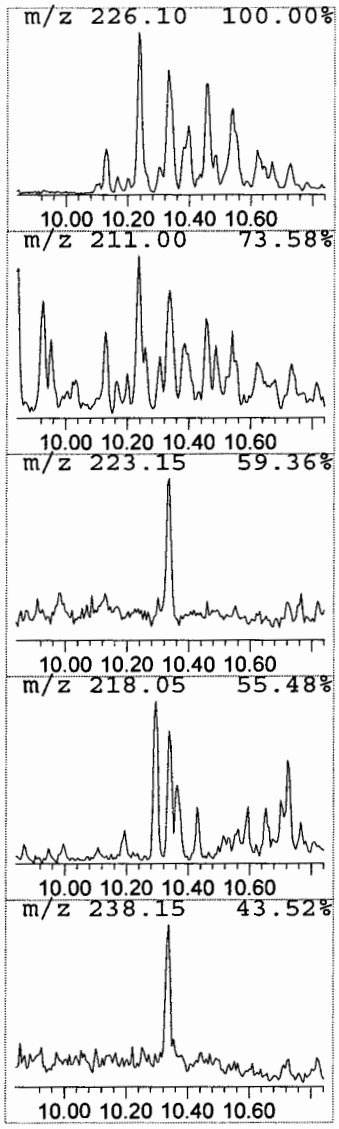
Peak Number 26 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	31.70 ng	177202	LibIS-Phenanthrene-d10	8.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2',5'-DIHYDROXY-4',6'-DIMETHOXY-...	226	C11H14O5	000000-00-0	45
2	Ferrocenyldimethylborane	226	C12H15BFe	061649-69-2	43
3	2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	38
4	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	30
5	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	22





Library Search Compound Report

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Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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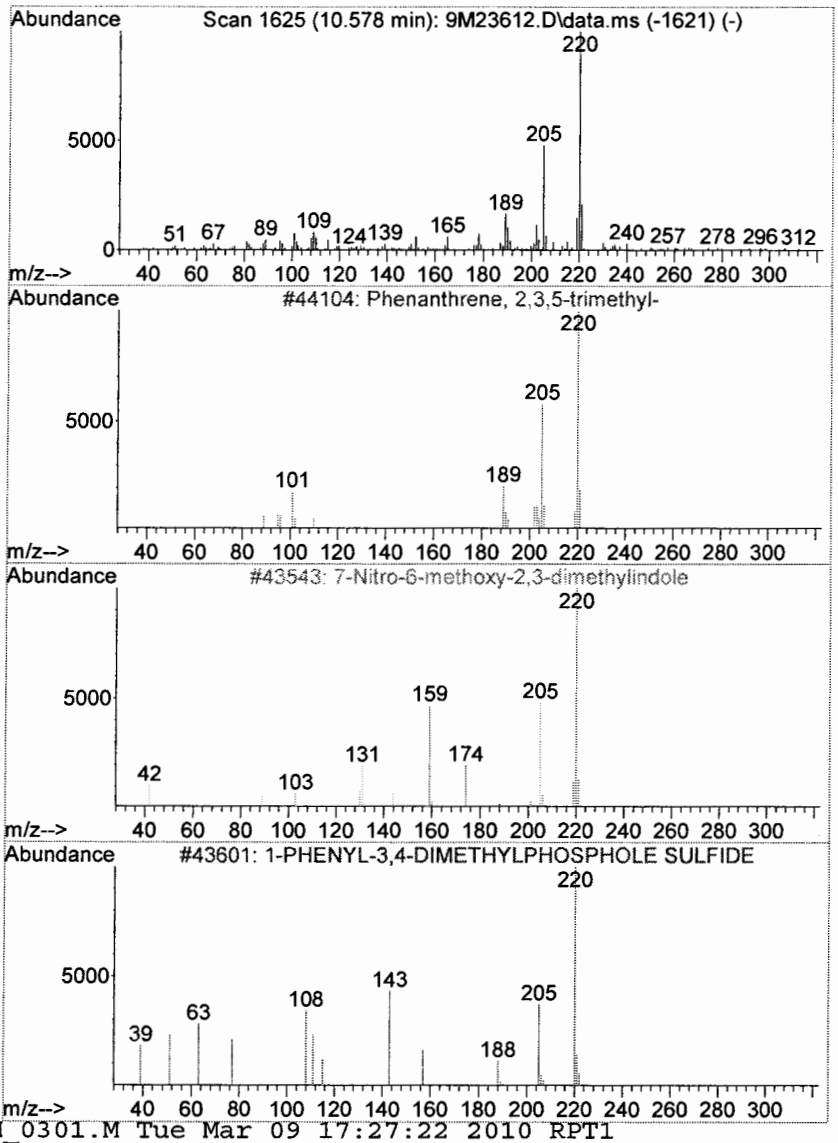
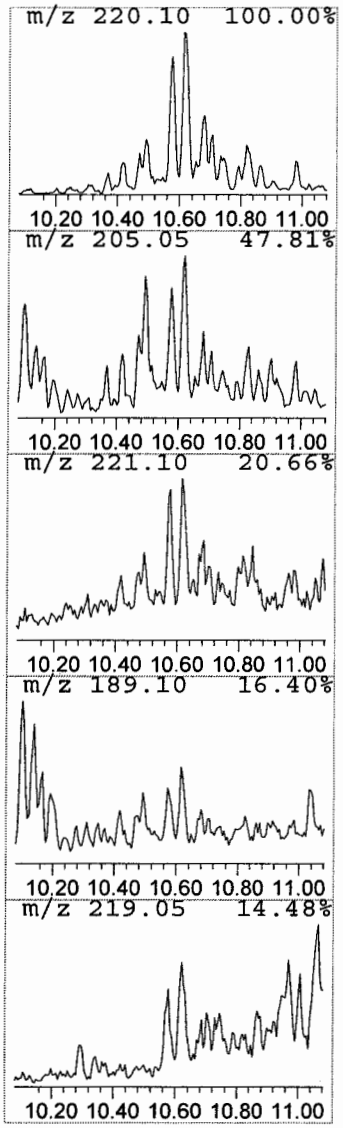
Peak Number 27 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	20.79 ng	156511	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	59
3	1-PHENYL-3,4-DIMETHYLPHOSPHOLE S...	220	C12H13PS	030540-37-5	59
4	1H-Pyrazole, 3,5-diphenyl-	220	C15H12N2	001145-01-3	49
5	Quinoline, 2-phenyl-, 1-oxide	221	C15H11NO	005659-33-6	47





Library Search Compound Report

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Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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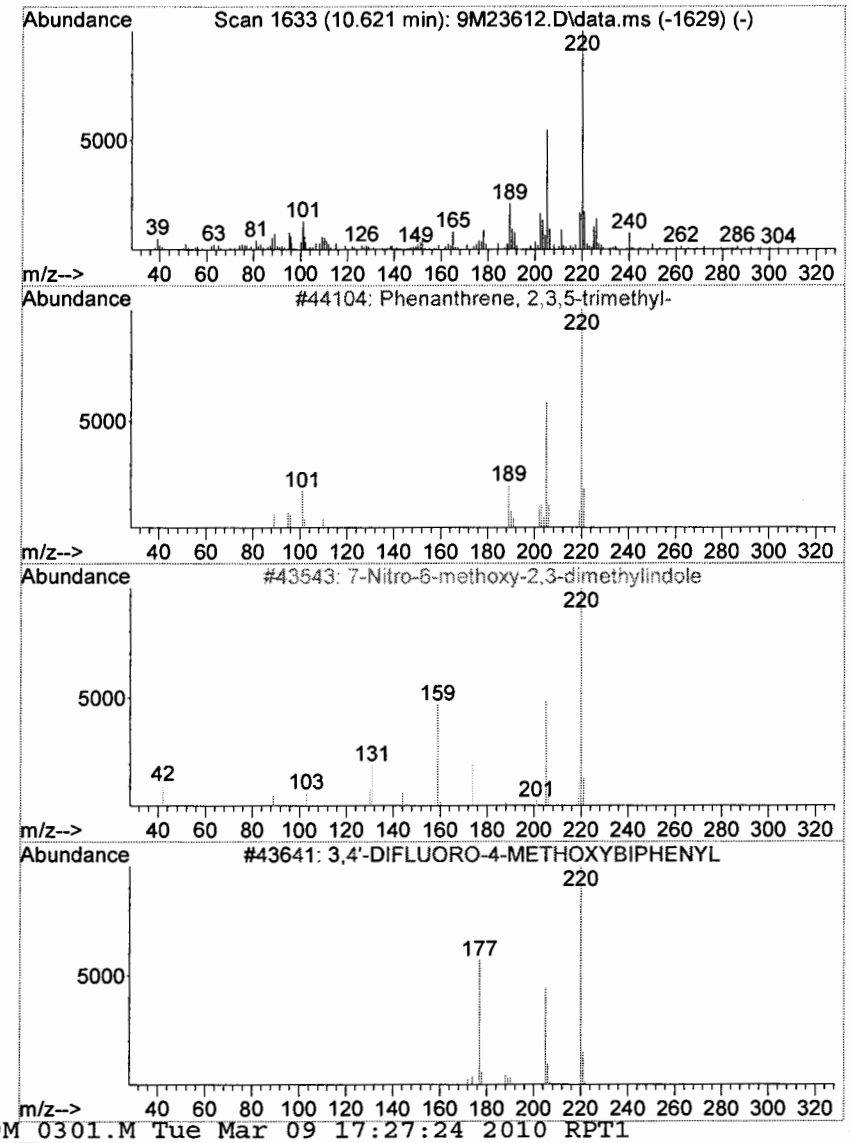
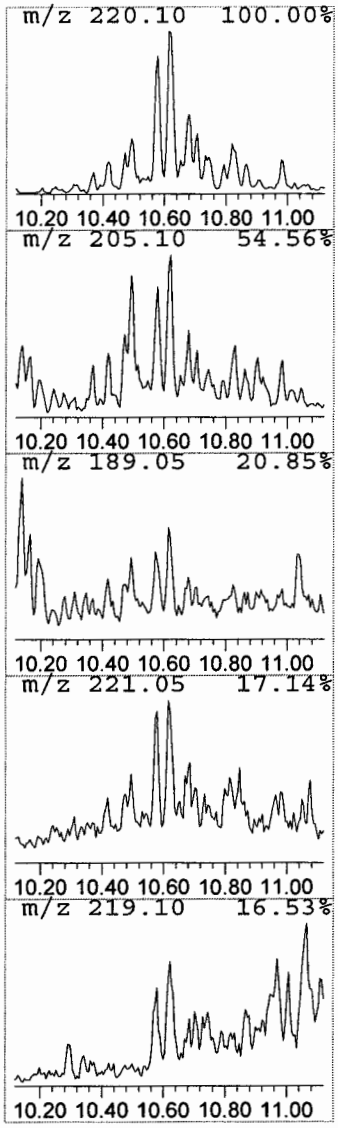
Peak Number 28 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	30.47 ng	229349	LibIS-Chrysene-d12	11.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	62
3	3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	53
4	EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	52
5	5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	50





Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23612.D
Acq On : 8 Mar 2010 10:31
Operator : AHD
Sample : AC50108-005(5X)
Misc : S,BNA:5
ALS Vial : 6 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard ExpRT	Internal Standard ActRt	Internal Standard Resp	Internal Standard Conc
2-Pentanone, 4-hy...	3.55	997.8	ng	4691751	1	5.19	5.19	188075	40.0
Naphthalene, 1-me...	6.82	39.4	ng	252542	2	6.21	6.21	256540	40.0
Naphthalene, 1-et...	7.17	25.5	ng	182049	3	7.56	7.56	286095	40.0
Naphthalene, 1,5-...	7.22	49.9	ng	356803	3	7.56	7.56	286095	40.0
Naphthalene, 1,3-...	7.28	45.2	ng	323223	3	7.56	7.56	286095	40.0
Naphthalene, 2,6-...	7.30	27.2	ng	194702	3	7.56	7.56	286095	40.0
Naphthalene, 2,3-...	7.37	23.8	ng	170175	3	7.56	7.56	286095	40.0
Naphthalene, 1,4,...	7.65	35.0	ng	250497	3	7.56	7.56	286095	40.0
Naphthalene, 1,4,...	7.73	31.3	ng	223669	3	7.56	7.56	286095	40.0
Naphthalene, 1,4,...	7.83	20.4	ng	145909	3	7.56	7.56	286095	40.0
Naphthalene, 1,4,...	7.91	26.6	ng	190109	3	7.56	7.56	286095	40.0
9H-Fluorene, 2-me...	8.58	25.9	ng	144837	4	8.94	8.94	223568	40.0
Pentadecane	8.87	29.9	ng	167055	4	8.94	8.94	223568	40.0
9H-Fluorene, 2,3-...	9.07	25.6	ng	143069	4	8.94	8.94	223568	40.0
Dibenzothiophene,...	9.29	30.2	ng	168819	4	8.94	8.94	223568	40.0
METHYLDIBENZOTHIO...	9.39	22.1	ng	123572	4	8.94	8.94	223568	40.0
Phenanthrene, 4-m...	9.48	52.7	ng	294381	4	8.94	8.94	223568	40.0
Anthracene, 2-met...	9.51	63.6	ng	355717	4	8.94	8.94	223568	40.0
(E)-6-Ethylidene-...	9.59	48.2	ng	269575	4	8.94	8.94	223568	40.0
(E)-6-Ethylidene-...	9.63	30.9	ng	172588	4	8.94	8.94	223568	40.0
Phenanthrene, 2,5...	9.98	36.0	ng	201264	4	8.94	8.94	223568	40.0
Phenanthrene, 2,7...	10.02	39.9	ng	223254	4	8.94	8.94	223568	40.0
Phenanthrene, 2,5...	10.10	77.8	ng	434967	4	8.94	8.94	223568	40.0
Phenanthrene, 2,7...	10.13	38.0	ng	212244	4	8.94	8.94	223568	40.0
Anthracene, 9,10-...	10.20	27.4	ng	152865	4	8.94	8.94	223568	40.0
unknown	10.34	31.7	ng	177202	4	8.94	8.94	223568	40.0
Phenanthrene, 2,3...	10.58	20.8	ng	156511	5	11.95	11.95	301106	40.0
Phenanthrene, 2,3...	10.62	30.5	ng	229349	5	11.95	11.95	301106	40.0

GC/MS Semi-Volatile Data
Standards Data

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0520

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M23476.	CAL BNA@50PPM	03/01/10 12:44	2	9M23469.	CAL BNA@2PPM	03/01/10 09:34
3	9M23470.	CAL BNA@10PPM	03/01/10 09:57	4	9M23471.	CAL BNA@20PPM	03/01/10 10:20
5	9M23472.	CAL BNA@80PPM	03/01/10 10:43	6	9M23473.	CAL BNA@120PPM	03/01/10 11:05
7	9M23474.	CAL BNA@160PPM	03/01/10 11:28	8	9M23475.	CAL BNA@196PPM	03/01/10 11:51

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyridine	1	0	Avg	1.1999	-----	1.0695	0.9468	1.1679	1.1851	1.1566	1.2577	-----	1.14	2.18	0.996	0.998	9.0		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitrosodimethylamin	1	0	Avg	0.6832	0.4521	0.6285	0.6831	0.7103	0.7131	0.7140	0.7539	-----	0.667	2.14	0.998	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorophenol	1	0	Avg	1.1332	0.7971	0.9631	1.0092	1.1470	1.1393	1.1764	1.2386	-----	1.08	4.01	0.998	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzaldehyde	1	0	Qua	0.8669	0.8677	0.9585	0.9948	0.6601	0.3449	-----	-----	-----	0.782	4.88	0.687	0.998	31		50.00	2.00	10.00	20.00	80.00	120.0			
Aniline	1	0	Avg	1.6809	1.3495	1.4421	1.5830	1.6119	1.5219	1.5375	1.5641	-----	1.54	4.98	0.999	0.999	6.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachloroethane	1	0	Avg	0.4521	0.6268	0.4072	0.4231	0.4401	0.4200	0.4361	0.4535	-----	0.457	5.01	0.998	0.999	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethyl)ether	1	0	Avg	1.1245	1.3548	1.0239	1.0877	1.0683	1.0099	1.0352	1.1551	-----	1.11	5.05	0.993	0.996	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol-d5	1	0	Avg	1.3950	1.6247	1.3150	1.2970	1.3387	1.3753	1.3916	1.4827	-----	1.40	4.98	0.997	0.999	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Phenol	1	0	Avg	1.5605	1.4886	1.4630	1.4961	1.5705	1.5036	1.5343	1.6028	-----	1.53	4.99	0.999	0.999	3.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Chlorophenol	1	0	Avg	1.2956	1.2938	1.2045	1.2161	1.3552	1.2890	1.3073	1.3653	-----	1.29	5.08	0.999	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Decane	1	0	Avg	0.8390	1.1822	0.8138	0.8813	0.8305	0.8205	0.8122	0.8575	-----	0.880	5.14	0.999	0.999	14		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.3-Dichlorobenzene	1	0	Avg	1.4265	1.6485	1.3542	1.3878	1.4874	1.3577	1.3624	1.4296	-----	1.43	5.22	0.998	0.998	6.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dichlorobenzene	1	0	Avg	1.4248	1.5466	1.4359	1.4076	1.4388	1.4077	1.3828	1.4338	-----	1.43	5.28	0.999	0.999	3.4	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Dichlorobenzene	1	0	Avg	1.3309	1.8202	1.3587	1.3428	1.3730	1.2753	1.2384	1.2779	-----	1.38	5.41	0.999	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzyl alcohol	1	0	Avg	0.7575	0.5175	0.6723	0.7036	0.7497	0.7245	0.7278	0.7591	-----	0.702	5.40	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-chloroisopropyl)et	1	0	Avg	1.1089	1.4693	1.1287	1.0907	1.1235	1.0725	1.0732	1.0949	-----	1.15	5.51	1.00	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylphenol	1	0	Avg	1.0213	1.3191	0.9776	1.0869	1.0286	1.0074	1.0256	1.0590	-----	1.07	5.51	0.999	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acetophenone	1	0	Avg	1.5942	1.7912	1.7609	1.6453	1.6496	1.5346	1.5404	1.6261	-----	1.64	5.61	0.998	0.998	5.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachloroethane	1	0	Avg	0.6418	0.6744	0.6620	0.6458	0.6341	0.6321	0.6088	0.6312	-----	0.641	5.68	0.999	0.999	3.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Nitroso-di-n-propyla	1	0	Avg	0.9048	1.1882	0.9776	0.9559	0.9029	0.8541	0.8862	0.9154	-----	0.948	5.62	0.998	0.999	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3&4-Methylphenol	1	0	Avg	1.1014	1.1860	1.1278	1.1352	1.0934	1.0720	1.0917	1.1441	-----	1.12	5.63	0.998	0.999	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Nitrobenzene-d5	1	0	Avg	0.1704	0.1502	0.1570	0.1633	0.1655	0.1838	0.1769	0.1737	-----	0.168	5.74	0.998	0.998	6.5		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
Nitrobenzene	1	0	Avg	0.3875	0.3931	0.3825	0.3572	0.3680	0.3703	0.3674	0.3685	-----	0.374	5.75	1.00	1.00	3.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Isophorone	1	0	Avg	0.6349	0.7754	0.6328	0.6213	0.6412	0.6394	0.6424	0.6679	-----	0.657	5.94	0.999	1.00	7.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitrophenol	1	0	Avg	0.1860	0.1528	0.1915	0.1799	0.1933	0.1891	0.1914	0.2003	-----	0.186	6.00	0.999	0.999	7.8	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dimethylphenol	1	0	Avg	0.3515	0.4031	0.3471	0.3313	0.3607	0.3521	0.3565	0.3552	-----	0.357	6.05	1.00	1.00	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzoic Acid	1	0	Qua	0.1510	-----	0.1057	0.1366	0.2230	0.2358	0.2470	0.2443	-----	0.192	6.15	0.991	0.995	31		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Chloroethoxy)met	1	0	Avg	0.3612	0.3996	0.3536	0.3537	0.3611	0.3531	0.3549	0.3673	-----	0.363	6.12	0.999	1.00	4.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dichlorophenol	1	0	Avg	0.2979	0.3228	0.2736	0.2830	0.2919	0.2875	0.2769	0.2835	-----	0.290	6.19	0.999	0.999	5.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4-Trichlorobenzene	1	0	Avg	0.3400	0.3646	0.3125	0.3318	0.3522	0.3331	0.3312	0.3208	-----	0.336	6.25	0.999	1.00	4.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Naphthalene	1	0	Avg	1.0230	1.1008	1.0547	1.0017	1.0209	0.9976	0.9780	0.9684	-----	1.02	6.31	1.00	1.00	4.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloroaniline	1	0	Qua	0.4003	0.2525	0.3713	0.3924	0.3695	0.3043	0.2645	0.2261	-----	0.323	6.35	0.936	0.999	21		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobutadiene	1	0	Avg	0.1895	0.2359	0.1884	0.1845	0.1879	0.1884	0.1797	0.1798	-----	0.192	6.40	0.999	1.00	9.5	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Caprolactam	1	0	Avg	0.1129	0.1179	0.1119	0.0957	0.1100	0.0942	0.0905	0.0951	-----	0.104	6.63	0.993	0.996	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chloro-3-methylphen	1	0	Avg	0.2853	0.3230	0.3096	0.2897	0.2977	0.2875	0.2938	0.3018	-----	0.299	6.73	0.999	1.00	4.3	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Methylnaphthalene	1	0	Avg	0.6789	0.8087	0.7394	0.6819	0.6722	0.6640	0.6638	0.6503	-----	0.695	6.82	1.00	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Methylnaphthalenes (T	1	0	Avg	0.6789	0.8087	0.7394	0.6819	0.6722	0.6640	0.6638	0.6503	-----	0.695	6.82	1.00	1.00	7.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.1'-Biphenyl	1	0	Avg	0.8352	1.0371	0.9229	0.8335	0.8331	0.8368	0.8035	0.8013	-----	0.863	7.18	0.999	1.00	9.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2.4.5-Tetrachloroben	1	0	Avg	0.6105	0.7586	0.5778	0.5797	0.6061	0.5586	0.5649	0.5385	-----	0.599	6.95	0.997	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorocyclopentac	1	0	Qua	0.1262	-----	0.0330	0.0434	0.1419	0.1635	0.1924	0.2090	-----	0.130	6.93	0.981	0.998	53	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Trichlorophenol	1	0	Avg	0.3715	0.3381	0.3590	0.3379	0.3553	0.3398	0.3408	0.3562	-----	0.350	7.04	0.999	0.999	3.6	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria **** - ccc compound***

b - failed the ccc criteria ***** - spcc compound***

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.25

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0521

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M23476.	CAL BNA@50PPM	03/01/10 12:44	2	9M23469.	CAL BNA@2PPM	03/01/10 09:34
3	9M23470.	CAL BNA@10PPM	03/01/10 09:57	4	9M23471.	CAL BNA@20PPM	03/01/10 10:20
5	9M23472.	CAL BNA@80PPM	03/01/10 10:43	6	9M23473.	CAL BNA@120PPM	03/01/10 11:05
7	9M23474.	CAL BNA@160PPM	03/01/10 11:28	8	9M23475.	CAL BNA@196PPM	03/01/10 11:51

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
2.4.5-Trichlorophenol	1	0	Avg	0.3751	0.3381	0.3888	0.3733	0.3760	0.3573	0.3830	0.3823	-----	0.372	7.07	0.999	0.999	4.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Fluorobiphenyl	1	0	Avg	1.3857	1.5264	1.4451	1.3499	1.3764	1.2687	1.3200	1.2744	-----	1.37	7.09	0.998	0.999	6.3		25.00	1.00	5.00	10.00	40.00	60.00	80.00	98.00	
2-Chloronaphthalene	1	0	Avg	1.2075	1.2928	1.1860	1.1685	1.1660	1.1162	1.1310	1.0995	-----	1.17	7.20	0.999	1.00	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.4-Dimethylnaphthaler	1	0	Qua	0.8776	1.2472	0.9031	0.9134	0.8671	0.8158	0.8255	0.8080	-----	0.907	7.46	0.999	1.00	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylnaphthalenes	1	0	Qua	0.8776	1.2472	0.9031	0.9134	0.8671	0.8158	0.8255	0.8080	-----	0.907	7.46	0.999	1.00	16		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diphenyl Ether	1	0	Avg	0.8640	0.9384	0.8054	0.8278	0.8218	0.7769	0.7707	0.7557	-----	0.820	7.26	0.998	1.00	7.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2-Nitroaniline	1	0	Avg	0.3585	0.3560	0.3594	0.3368	0.3461	0.3291	0.3367	0.3317	-----	0.344	7.28	0.999	1.00	3.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthylene	1	0	Avg	1.9343	2.2156	1.9692	1.8635	1.8721	1.7493	1.7635	1.7039	-----	1.88	7.53	0.998	1.00	8.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dimethylphthalate	1	0	Avg	1.3851	1.6795	1.4391	1.3754	1.3852	1.2874	1.3319	1.3141	-----	1.40	7.42	0.999	0.999	8.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.6-Dinitrotoluene	1	0	Avg	0.3275	0.3244	0.2793	0.3024	0.3075	0.2936	0.2986	0.2977	-----	0.304	7.47	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Acenaphthene	1	0	Avg	1.2146	1.3420	1.1854	1.1892	1.2004	1.1280	1.1354	1.1116	-----	1.19	7.67	0.999	1.00	6.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
3-Nitroaniline	1	0	Avg	0.3095	0.2957	0.3089	0.3265	0.3041	0.2608	0.2504	0.2407	-----	0.287	7.62	0.990	0.998	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrophenol	1	0	Qua	0.1419	-----	0.1064	0.1014	0.1641	0.1595	0.1742	0.1858	-----	0.148	7.72	0.994	0.999	22	**(0.050)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6100	1.8410	1.7233	1.6567	1.5774	1.4849	1.5193	1.4708	-----	1.61	7.82	0.999	0.999	7.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4-Dinitrotoluene	1	0	Avg	0.4407	0.4706	0.4157	0.4383	0.4294	0.3880	0.3964	0.3971	-----	0.422	7.82	0.998	0.999	6.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitrophenol	1	0	Avg	0.1918	0.1475	0.1806	0.1743	0.1989	0.1895	0.2128	0.2075	-----	0.188	7.77	0.998	0.999	11	**(0.050)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.3.4.6-Tetrachlorophe	1	0	Avg	0.2946	0.3224	0.3187	0.2873	0.2999	0.2836	0.3072	0.3075	-----	0.303	7.93	0.998	0.999	4.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluorene	1	0	Avg	1.2905	1.7150	1.3254	1.2955	1.3337	1.2007	1.2330	1.1861	-----	1.32	8.13	0.998	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Chlorophenyl-phenyle	1	0	Avg	0.6214	0.8049	0.6297	0.6264	0.6376	0.5722	0.5784	0.5499	-----	0.628	8.13	0.997	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Diethylphthalate	1	0	Avg	1.4296	1.5580	1.4998	1.4048	1.4525	1.3467	1.3891	1.3427	-----	1.43	8.03	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Nitroaniline	1	0	Avg	0.3321	0.3501	0.3589	0.3220	0.3368	0.3270	0.3296	0.3227	-----	0.335	8.16	1.00	1.00	3.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Atrazine	1	0	Avg	0.4100	0.5185	0.4162	0.3591	0.4035	0.3821	0.3822	0.3759	-----	0.406	8.76	0.999	1.00	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4.6-Dinitro-2-methylphe	1	0	Avg	0.1405	-----	0.1112	0.1134	0.1469	0.1495	0.1478	0.1508	-----	0.137	8.19	1.00	1.00	13		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodiphenylamine	1	0	Avg	0.6711	0.8913	0.6997	0.6780	0.6683	0.6228	0.6512	0.6233	-----	0.688	8.24	0.999	0.999	13	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
2.4.6-Tribromophenol	1	0	Avg	0.0778	0.0655	0.0704	0.0812	0.0754	0.0739	0.0758	0.0744	-----	0.0744	8.36	1.00	1.00	6.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
1.2-Diphenylhydrazine	1	0	Avg	0.9607	1.2342	0.9615	0.9757	0.9631	0.9541	0.9409	0.9275	-----	0.990	8.27	1.00	1.00	10		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
4-Bromophenyl-phenyle	1	0	Avg	0.2253	0.2738	0.2011	0.2231	0.2184	0.2138	0.2139	0.2123	-----	0.223	8.59	1.00	1.00	9.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Hexachlorobenzene	1	0	Avg	0.2119	0.3001	0.1987	0.2159	0.2202	0.2113	0.2126	0.2052	-----	0.222	8.65	0.999	1.00	15		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
N-Octadecane	1	0	Avg	0.3520	0.4653	0.3456	0.3399	0.3491	0.3331	0.3401	0.3264	-----	0.356	8.94	0.999	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pentachlorophenol	1	0	Qua	0.0906	-----	0.0568	0.0628	0.0984	0.0960	0.1027	0.1046	-----	0.0875	8.85	0.998	0.999	22	*(30)	50.00		10.00	20.00	80.00	120.0	160.0	196.0	
Phenanthrene	1	0	Avg	1.1230	1.4142	1.1947	1.1430	1.1595	1.0973	1.1174	1.0675	-----	1.16	9.07	0.999	0.999	9.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Anthracene	1	0	Avg	1.1699	1.4965	1.2355	1.1501	1.1670	1.1337	1.1275	1.0887	-----	1.20	9.12	0.999	1.00	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Carbazole	1	0	Avg	1.1158	1.2562	1.1454	1.1103	1.1072	1.0602	1.0960	1.0456	-----	1.12	9.30	0.999	0.999	5.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-butylphthalate	1	0	Avg	1.4724	1.8173	1.5518	1.4161	1.4828	1.4261	1.4536	1.4088	-----	1.50	9.69	1.00	1.00	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Fluoranthene	1	0	Avg	1.2559	1.4765	1.2942	1.2311	1.2565	1.2209	1.2321	1.1803	-----	1.27	10.37	0.999	1.00	7.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Pyrene	1	0	Avg	1.5561	2.0243	1.5735	1.5509	1.5638	1.4775	1.5447	1.5893	-----	1.61	10.63	0.999	0.999	11		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzidine	1	0	Qua	0.5577	0.3946	0.5145	0.6238	0.3781	0.2266	-----	-----	-----	0.449	10.54	0.724	0.992	32		50.00	2.00	10.00	20.00	80.00	120.0			
Terphenyl-d14	1	0	Avg	1.1032	1.3238	1.0887	1.1059	1.1535	1.0817	1.1163	1.2081	-----	1.15	10.83	0.996	0.998	7.2		25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
p.p'-DDE	1	0	Avg	0.3363	0.3842	0.3278	0.3248	0.3439	0.3171	0.3351	0.3401	-----	0.339	10.76	0.999	0.999	6.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.1224	0.1598	0.1228	0.1061	0.1238	0.1160	0.1241	0.1279	-----	0.125	11.06	0.997	0.999	12		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p.p'-DDD	1	0	Avg	0.5616	0.5792	0.5397	0.5318	0.5599	0.5224	0.5509	0.5571	-----	0.550	11.16	0.999	0.999	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria ** - ccc compound*

b - failed the ccc criteria *** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.25

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Form 6
Initial Calibration

Method: EPA 8270C

Instrument: GCMS_9

0522

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M23476.	CAL BNA@50PPM	03/01/10 12:44	2	9M23469.	CAL BNA@2PPM	03/01/10 09:34
3	9M23470.	CAL BNA@10PPM	03/01/10 09:57	4	9M23471.	CAL BNA@20PPM	03/01/10 10:20
5	9M23472.	CAL BNA@80PPM	03/01/10 10:43	6	9M23473.	CAL BNA@120PPM	03/01/10 11:05
7	9M23474.	CAL BNA@160PPM	03/01/10 11:28	8	9M23475.	CAL BNA@196PPM	03/01/10 11:51

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRf	RT	Corr1	Corr2	%Rsd		Calibration Level Concentrations Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Butylbenzylphthalate	1	0	Avg	0.7767	0.8194	0.7596	0.7714	0.7950	0.7488	0.7976	0.8165	-----	0.786	11.43	0.998	0.999	3.3		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0315	0.0332	0.0302	0.0300	0.0296	0.0298	0.0285	0.0312	-----	0.0305	11.06	0.997	0.997	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5144	0.5423	0.4973	0.4628	0.5240	0.4895	0.5060	0.5170	-----	0.507	11.51	0.999	0.999	4.7		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0553	-----	0.0592	0.0504	0.0460	0.0495	0.0508	0.0536	-----	0.0522	11.97	0.994	0.998	8.3		50.00		10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4303	0.5549	0.4956	0.4701	0.3755	0.3352	0.3247	0.3108	-----	0.412	12.03	0.986	0.998	22		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]anthracene	1	0	Avg	1.4096	1.7663	1.4779	1.4134	1.4006	1.3481	1.4035	1.4063	-----	1.45	12.05	0.999	1.00	9.0		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3214	1.8088	1.3946	1.3627	1.3570	1.2602	1.3135	1.3065	-----	1.39	12.09	0.999	0.999	13		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthal	1	0	Avg	1.1417	1.3751	1.1183	1.1059	1.1548	1.0459	1.1250	1.1553	-----	1.15	12.13	0.998	0.999	8.4		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Di-n-octylphthalate	1	0	Avg	1.7923	1.8519	1.6889	1.7136	1.7920	1.7254	1.7578	1.8003	-----	1.77	12.88	0.999	1.00	3.1	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[b]fluoranthene	1	0	Avg	1.3311	1.4876	1.2915	1.2765	1.3362	1.2677	1.3455	1.3375	-----	1.33	13.26	0.999	0.999	5.2		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[k]fluoranthene	1	0	Avg	1.2016	1.4805	1.3066	1.2955	1.2315	1.1777	1.1539	1.1459	-----	1.25	13.29	0.999	1.00	8.9		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[a]pyrene	1	0	Avg	1.2193	1.4406	1.2926	1.2176	1.2173	1.1930	1.1810	1.2010	-----	1.25	13.60	1.00	1.00	6.9	*(30)	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Indeno[1.2.3-cd]pyrene	1	0	Avg	1.2411	1.4030	1.2457	1.2287	1.2268	1.2258	1.2351	1.2357	-----	1.26	14.75	1.00	1.00	4.8		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzo[a,h]anthracen	1	0	Avg	1.0005	1.2077	1.0870	0.9920	1.0031	1.0169	1.0049	1.0045	-----	1.04	14.76	1.00	1.00	7.1		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzo[g,h,i]perylene	1	0	Avg	1.0917	1.2348	1.1071	1.0594	1.0684	1.0674	1.0463	1.0606	-----	1.09	15.05	1.00	1.00	5.6		50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spcc criteria * - ccc compound*

b - failed the ccc criteria ** - spcc compound*

c - failed the minimum correlation coeff criteria(if applicable)

Note: Avg Rsd: 9.25

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

Fit = Indicates whether Avg RF, Linear, or Quadratic Curve was used for compound.

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23476.D Sam Mult : 1 Vial# : 2 Qt On : 03/01/10 13:29
Acq On : 03/ 1/10 12:44 Misc : A,BNA Qt Upd On: 03/01/10 13:29

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.266	152	31691	40.00	ng	0.00
29) Naphthalene-d8	6.293	136	115191	40.00	ng	0.00
47) Acenaphthene-d10	7.646	164	62279	40.00	ng	0.00
73) Phenanthrene-d10	9.042	188	107264	40.00	ng	0.00
87) Chrysene-d12	12.058	240	91604	40.00	ng	-0.01
102) Perylene-d12	13.658	264	96501	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.009	112	44891	52.68	ng	0.00
Spiked Amount 100.000			Recovery = 52.68%			
15) Phenol-d5	4.977	99	55261	49.73	ng	0.00
Spiked Amount 100.000			Recovery = 49.73%			
30) Nitrobenzene-d5	5.736	128	12273	25.42	ng	0.00
Spiked Amount 50.000			Recovery = 50.84%			
52) 2-Fluorobiphenyl	7.095	172	53941	25.32	ng	0.00
Spiked Amount 50.000			Recovery = 50.64%			
76) 2,4,6-Tribromophenol	8.357	330	10433	52.33	ng	0.00
Spiked Amount 100.000			Recovery = 52.33%			
90) Terphenyl-d14	10.828	244	63161	24.03	ng	0.00
Spiked Amount 50.000			Recovery = 48.06%			
Target Compounds						Qvalue
8) Pyridine	2.185	79	47535	52.61	ng	56
9) N-Nitrosodimethylamine	2.137	74	27066	51.19	ng	91
11) Benzaldehyde	4.880	77	34343	54.61	ng	96
12) Aniline	4.982	93	66589	54.70	ng	19
13) Pentachloroethane	5.014	117	17912	49.43	ng	80
14) bis(2-Chloroethyl)ether	5.052	93	44546	50.77	ng	81
16) Phenol	4.987	94	61818	51.08	ng	72
17) 2-Chlorophenol	5.084	128	51324	50.18	ng	81
18) N-Decane	5.143	57	33238	47.69	ng	59
19) 1,3-Dichlorobenzene	5.217	146	56510	49.82	ng	98
20) 1,4-Dichlorobenzene	5.282	146	56445	49.65	ng	97
21) 1,2-Dichlorobenzene	5.410	146	52723	48.32	ng	99
22) Benzyl alcohol	5.399	108	30010	53.99	ng	87
23) bis(2-chloroisopropyl)...	5.512	45	43929	48.41	ng	53
24) 2-Methylphenol	5.506	108	40461	47.92	ng	90
25) Acetophenone	5.613	105	63156	48.52	ng	68
26) Hexachloroethane	5.683	117	25427	50.04	ng	89
27) N-Nitroso-di-n-propyla...	5.619	70	35844	47.71	ng	80
28) 3&4-Methylphenol	5.635	108	43632	49.22	ng	93
31) Nitrobenzene	5.747	77	55808	51.77	ng	83
32) Isophorone	5.939	82	91426	48.33	ng	87
33) 2-Nitrophenol	6.004	139	26783	50.11	ng	97
34) 2,4-Dimethylphenol	6.046	107	50618	49.20	ng	90
35) Benzoic Acid	6.153	105	21747	37.97	ng	89
36) bis(2-Chloroethoxy)met...	6.116	93	52017	49.75	ng	98
37) 2,4-Dichlorophenol	6.191	162	42901	51.42	ng	88
38) 1,2,4-Trichlorobenzene	6.250	180	48959	50.63	ng	99
39) Naphthalene	6.309	128	147313	50.24	ng	98
40) 4-Chloroaniline	6.351	127	57638	51.36	ng	99
41) Hexachlorobutadiene	6.399	225	27295	49.41	ng	94
42) Caprolactam	6.635	113	16260	54.52	ng	56
43) 4-Chloro-3-methylphenol	6.726	107	41083	47.78	ng	73
44) 2-Methylnaphthalene	6.822	142	97758	48.85	ng	95
45) Methylnaphthalenes (To...	6.822	142	97758	48.85	ng	95
46) 1,1'-Biphenyl	7.175	154	120271	48.40	ng	95
48) 1,2,4,5-Tetrachloroben...	6.950	216	47527	50.93	ng	94
49) Hexachlorocyclopentadiene	6.934	237	9831	55.19	ng	97
50) 2,4,6-Trichlorophenol	7.041	196	28927	53.11	ng	97
51) 2,4,5-Trichlorophenol	7.073	196	29207	50.46	ng	96
53) 2-Chloronaphthalene	7.196	162	94006	51.56	ng	92
54) 1,4-Dimethylnaphthalene	7.458	156	68326	50.78	ng	99
55) Dimethylnaphthalenes (...	7.458	156	68326	50.78	ng	99
56) Diphenyl Ether	7.255	170	67263	52.67	ng	89
57) 2-Nitroaniline	7.277	65	27911	52.06	ng	69
58) Acenaphthylene	7.528	152	150585	51.34	ng	98
59) Dimethylphthalate	7.421	163	107830	49.48	ng	99
60) 2,6-Dinitrotoluene	7.475	165	25496	53.88	ng	69
61) Acenaphthene	7.672	153	94561	51.11	ng	95
62) 3-Nitroaniline	7.619	138	24101	53.91	ng	93
63) 2,4-Dinitrophenol	7.715	184	11052	49.43	ng	79
64) Dibenzofuran	7.822	168	125337	49.99	ng	92
65) 2,4-Dinitrotoluene	7.822	165	34315	52.22	ng	87

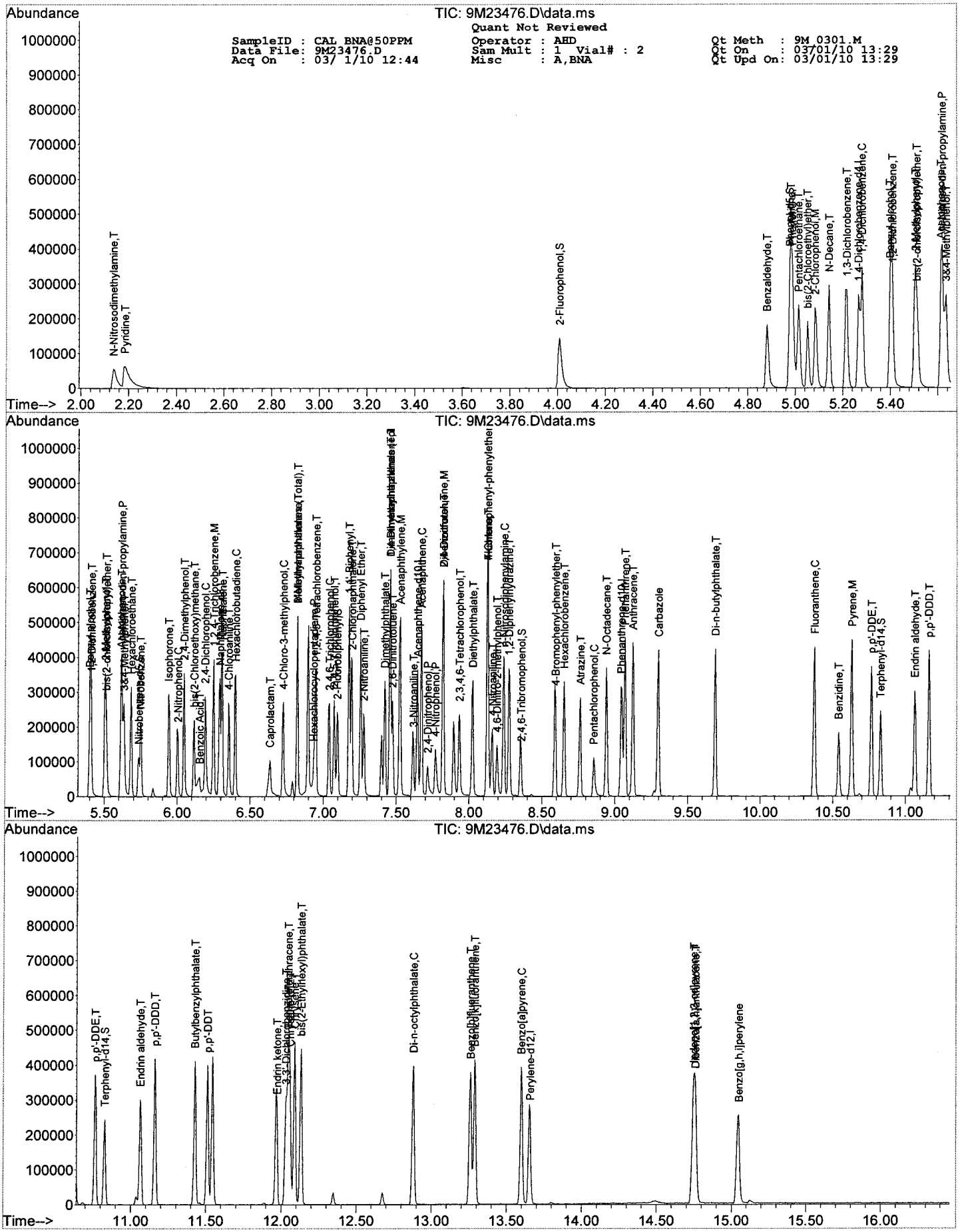
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23476.D Sam Mult : 1 Vial# : 2 Qt On : 03/01/10 13:29
Acq On : 03/ 1/10 12:44 Misc : A,BNA Qt Upd On: 03/01/10 13:29

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	4-Nitrophenol	7.769	65	14937	51.05	ng	68
67)	2,3,4,6-Tetrachlorophenol	7.935	232	22934	48.66	ng	87
68)	Fluorene	8.127	166	100466	48.79	ng	96
69)	4-Chlorophenyl-phenyle...	8.127	204	48378	49.51	ng	91
70)	Diethylphthalate	8.025	149	111298	50.06	ng	99
71)	4-Nitroaniline	8.159	138	25854	49.58	ng	89
72)	Atrazine	8.764	200	31920	50.50	ng	97
74)	4,6-Dinitro-2-methylph...	8.191	198	18845	51.22	ng	41
75)	n-Nitrosodiphenylamine	8.239	169	89986	48.76	ng	98
77)	1,2-Diphenylhydrazine	8.271	77	128820	48.54	ng	94
78)	4-Bromophenyl-phenylether	8.592	248	30218	50.59	ng	79
79)	Hexachlorobenzene	8.651	284	28414	47.72	ng	81
80)	N-Octadecane	8.940	57	47200	49.37	ng	62
81)	Pentachlorophenol	8.854	266	12156	52.34	ng	93
82)	Phenanthrene	9.068	178	150581	48.22	ng	98
83)	Anthracene	9.122	178	156864	48.90	ng	99
84)	Carbazole	9.298	167	149607	49.94	ng	97
85)	Di-n-butylphthalate	9.689	149	197428	48.96	ng	99
86)	Fluoranthene	10.374	202	168392	49.50	ng	86
88)	Pyrene	10.630	202	178182	48.33	ng	82
89)	Benzidine	10.539	184	63870	56.88	ng	82
91)	p,p'-DDE	10.764	246	38509	49.64	ng	89
92)	Endrin	11.063	81	14026	48.84	ng	78
93)	p,p'-DDD	11.160	235	64306	51.02	ng	90
94)	Butylbenzylphthalate	11.427	149	88939	49.43	ng	82
95)	Endrin aldehyde	11.063	67	3616	51.69	ng	62
96)	p,p'-DDT	11.513	235	58905	50.76	ng	94
97)	Endrin ketone	11.973	317	6337	53.05	ng	100
98)	3,3'-Dichlorobenzidine	12.032	252	49273	52.20	ng	96
99)	Benzo[a]anthracene	12.048	228	161412	48.50	ng	99
100)	Chrysene	12.090	228	151311	47.51	ng	99
101)	bis(2-Ethylhexyl)phtha...	12.133	149	130738	49.52	ng	96
103)	Di-n-octylphthalate	12.882	149	216209	50.77	ng	96
104)	Benzo[b]fluoranthene	13.262	252	160565	49.88	ng	94
105)	Benzo[k]fluoranthene	13.289	252	144953	48.10	ng	94
106)	Benzo[a]pyrene	13.599	252	147086	48.96	ng	92
107)	Indeno[1,2,3-cd]pyrene	14.749	276	149712	49.44	ng	100
108)	Dibenzo[a,h]anthracene	14.759	278	120686	48.12	ng	89
109)	Benzo[g,h,i]perylene	15.048	276	131691	49.99	ng	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23476.D\data.ms
Quant Not Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M23476.D
Acq On : 03/ 1/10 12:44
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 13:29
Qt Upd On: 03/01/10 13:29
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Benzyl alcohol,T
bis(2-Methylphenyl)ether,T
N-Nitroso-di-n-propylamine,P
Time-->

Abundance
TIC: 9M23476.D\data.ms
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
Benzoic Acid,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
Naphthalene,M
4-Chloroaniline,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,S
2-Chloronaphthalene,T
2-Fluorobiphenyl,S
2-Nitroaniline,T
Dimethylphthalate,T
2,6-Dinitrotoluene,T
Acenaphthylene,M
3-Nitroaniline,T
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
Dibenzofuran,M
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
Fluorene,C
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,M
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23476.D\data.ms
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
3,3'-Dichlorobenzidine,T
Benzo[a]anthracene,T
Chrysene,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23469.D Sam Mult : 1 Vial# : 3 Qt On : 03/01/10 12:26
Acq On : 03/ 1/10 09:34 Misc : A,BNA Qt Upd On: 03/01/10 12:24

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.266	152	26897	40.00 ng		0.00
29) Naphthalene-d8	6.287	136	107296	40.00 ng		0.00
47) Acenaphthene-d10	7.646	164	61399	40.00 ng		0.00
73) Phenanthrene-d10	9.047	188	102767	40.00 ng		0.00
87) Chrysene-d12	12.064	240	92700	40.00 ng		0.00
102) Perylene-d12	13.663	264	96192	40.00 ng		0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.035	112	1072m	1.47 ng		0.03
Spiked Amount 100.000			Recovery =	1.47%		
15) Phenol-d5	4.987	99	2185	2.32 ng		0.01
Spiked Amount 100.000			Recovery =	2.32%		
30) Nitrobenzene-d5	5.736	128	403	0.88 ng		0.00
Spiked Amount 50.000			Recovery =	1.76%		
52) 2-Fluorobiphenyl	7.100	172	2343	1.11 ng		0.00
Spiked Amount 50.000			Recovery =	2.22%		
76) 2,4,6-Tribromophenol	8.357	330	337	1.77 ng		0.00
Spiked Amount 100.000			Recovery =	1.77%		
90) Terphenyl-d14	10.833	244	3068	1.15 ng		0.00
Spiked Amount 50.000			Recovery =	2.30%		
Target Compounds						Qvalue
8) Pyridine	2.292	79	1218m	1.63 ng		
9) N-Nitrosodimethylamine	2.206	74	608m	1.35 ng		
11) Benzaldehyde	4.896	77	1167	2.61 ng		87
12) Aniline	4.993	93	1815	1.76 ng		8
13) Pentachloroethane	5.014	117	843	2.73 ng		91
14) bis(2-Chloroethyl)ether	5.057	93	1822	2.44 ng		87
16) Phenol	4.998	94	2002	1.94 ng		82
17) 2-Chlorophenol	5.089	128	1740	2.00 ng		82
18) N-Decane	5.142	57	1590	2.67 ng		87
19) 1,3-Dichlorobenzene	5.217	146	2217	2.30 ng		98
20) 1,4-Dichlorobenzene	5.282	146	2080	2.14 ng		91
21) 1,2-Dichlorobenzene	5.410	146	2448	2.63 ng		94
22) Benzyl alcohol	5.410	108	696	1.46 ng		87
23) bis(2-chloroisopropyl)...	5.512	45	1976	2.54 ng		81
24) 2-Methylphenol	5.517	108	1774	2.46 ng		64
25) Acetophenone	5.619	105	2409	2.17 ng		76
26) Hexachloroethane	5.683	117	907	2.11 ng		95
27) N-Nitroso-di-n-propyla...	5.619	70	1598m	2.50 ng		
28) 3&4-Methylphenol	5.645	108	1595	2.10 ng		92
31) Nitrobenzene	5.752	77	2109	2.10 ng		73
32) Isophorone	5.939	82	4160	2.34 ng		83
33) 2-Nitrophenol	6.009	139	820	1.64 ng		85
34) 2,4-Dimethylphenol	6.046	107	2163	2.24 ng		82
35) Benzoic Acid	6.169	105	179	0.37 ng	#	8
36) bis(2-Chloroethoxy)met...	6.116	93	2144	2.19 ng		91
37) 2,4-Dichlorophenol	6.202	162	1732	2.23 ng		80
38) 1,2,4-Trichlorobenzene	6.250	180	1956	2.17 ng		77
39) Naphthalene	6.303	128	5906	2.15 ng		96
40) 4-Chloroaniline	6.362	127	1355	1.56 ng		81
41) Hexachlorobutadiene	6.399	225	1266	2.44 ng		76
42) Caprolactam	6.603	113	633	2.27 ng		42
43) 4-Chloro-3-methylphenol	6.726	107	1733	2.15 ng		67
44) 2-Methylnaphthalene	6.822	142	4339	2.31 ng		96
45) Methylnaphthalenes (To...	6.822	142	4339	2.31 ng		96
46) 1,1'-Biphenyl	7.175	154	5564	2.39 ng		87
48) 1,2,4,5-Tetrachloroben...	6.950	216	2329	2.53 ng		97
49) Hexachlorocyclopentadiene	0.000		0	N.D.		
50) 2,4,6-Trichlorophenol	7.079	196	1038	1.96 ng		88
51) 2,4,5-Trichlorophenol	7.079	196	1038	1.82 ng		87
53) 2-Chloronaphthalene	7.196	162	3969	2.21 ng		90
54) 1,4-Dimethylnaphthalene	7.453	156	3829	2.75 ng		80
55) Dimethylnaphthalenes (...	7.453	156	3829	2.75 ng		80
56) Diphenyl Ether	7.255	170	2881	2.30 ng		83
57) 2-Nitroaniline	7.277	65	1093	2.08 ng		77
58) Acenaphthylene	7.528	152	6802	2.35 ng		89
59) Dimethylphthalate	7.416	163	5156	2.38 ng		93
60) 2,6-Dinitrotoluene	7.474	165	996	2.13 ng		97
61) Acenaphthene	7.672	153	4120	2.26 ng		91
62) 3-Nitroaniline	7.619	138	908	2.05 ng		91
63) 2,4-Dinitrophenol	0.000		0	N.D.		
64) Dibenzofuran	7.822	168	5652	2.28 ng		93
65) 2,4-Dinitrotoluene	7.822	165	1445	2.22 ng		90

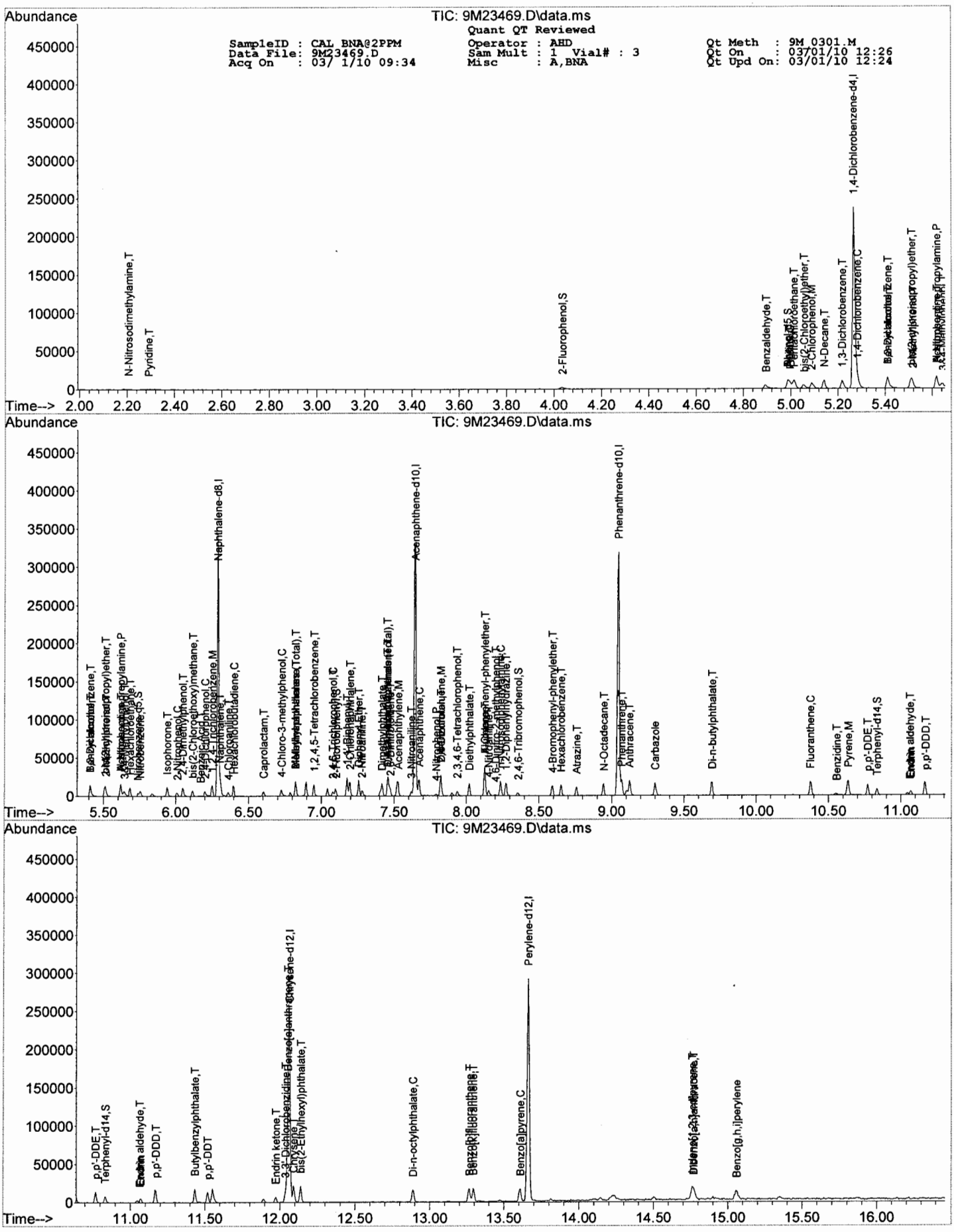
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23469.D Sam Mult : 1 Vial# : 3 Qt On : 03/01/10 12:26
Acq On : 03/ 1/10 09:34 Misc : A,BNA Qt Upd On: 03/01/10 12:24

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	4-Nitrophenol	7.790	65	453	1.55	ng	59
67)	2,3,4,6-Tetrachlorophenol	7.934	232	990	2.11	ng	79
68)	Fluorene	8.127	166	5265	2.57	ng	98
69)	4-Chlorophenyl-phenyle...	8.127	204	2471	2.55	ng	90
70)	Diethylphthalate	8.020	149	4783	2.17	ng	98
71)	4-Nitroaniline	8.154	138	1075	2.06	ng	30
72)	Atrazine	8.758	200	1592	2.54	ng	94
74)	4,6-Dinitro-2-methylph...	8.202	198	283	0.86	ng	62
75)	n-Nitrosodiphenylamine	8.234	169	4580	2.58	ng	89
77)	1,2-Diphenylhydrazine	8.271	77	6342	2.49	ng	92
78)	4-Bromophenyl-phenylether	8.592	248	1407	2.45	ng	85
79)	Hexachlorobenzene	8.651	284	1542	2.69	ng	70
80)	N-Octadecane	8.945	57	2391	2.61	ng	55
81)	Pentachlorophenol	0.000		0	N.D.		
82)	Phenanthrene	9.068	178	7267	2.42	ng	94
83)	Anthracene	9.122	178	7690	2.50	ng	98
84)	Carbazole	9.298	167	6455	2.24	ng	98
85)	Di-n-butylphthalate	9.694	149	9338	2.41	ng	95
86)	Fluoranthene	10.373	202	7587	2.32	ng	89
88)	Pyrene	10.636	202	9383	2.52	ng	81
89)	Benzidine	10.555	184	1829	2.01	ng	64
91)	p,p'-DDE	10.769	246	1781	2.28	ng	87
92)	Endrin	11.069	81	741	2.56	ng	97
93)	p,p'-DDD	11.170	235	2685	2.11	ng	68
94)	Butylbenzylphthalate	11.432	149	3798	2.08	ng	78
95)	Endrin aldehyde	11.063	67	154m	2.21	ng	
96)	p,p'-DDT	11.518	235	2514	2.14	ng	85
97)	Endrin ketone	11.973	317	76	0.69	ng	55
98)	3,3'-Dichlorobenzidine	12.037	252	2572	2.66	ng	92
99)	Benzo[a]anthracene	12.053	228	8187	2.42	ng	92
100)	Chrysene	12.090	228	8384	2.60	ng	92
101)	bis(2-Ethylhexyl)phtha...	12.139	149	6374	2.39	ng	90
103)	Di-n-octylphthalate	12.887	149	8907	2.10	ng	92
104)	Benzo[b]fluoranthene	13.267	252	7155	2.22	ng	94
105)	Benzo[k]fluoranthene	13.294	252	7121	2.36	ng	95
106)	Benzo[a]pyrene	13.609	252	6929	2.31	ng	83
107)	Indeno[1,2,3-cd]pyrene	14.759	276	6748	2.22	ng	94
108)	Dibenzo[a,h]anthracene	14.770	278	5809	2.30	ng	76
109)	Benzo[g,h,i]perylene	15.059	276	5939	2.25	ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@2PPM
Data File: 9M23469.D
Acq On : 03/ 1/10 09:34
Operator : AHD
Sam Mult : 1 Vial# : 3
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:26
Qt Upd On: 03/01/10 12:24
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene-d4,I
1,4-Dichlorobenzene,C
N-Decane,T
Time-->

Abundance
TIC: 9M23469.D\data.ms
Naphthalene-d8,I
Acenaphthene-d10,I
Phenanthrene-d10,I
Isophorone,T
Caprolactam,T
4-Chloro-3-methylphenol,C
1,2,4,5-Tetrachlorobenzene,T
Acenaphthylene,M
3-Nitroaniline,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
N-Octadecane,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23469.D\data.ms
Perylene-d12,I
p,p'-DDE,T
Terphenyl-d14,S
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo(a)pyrene,C
Benzo(g,h,i)perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23470.D Sam Mult : 1 Vial# : 4 Qt On : 03/01/10 12:02
Acq On : 03/ 1/10 09:57 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.266	152	28973	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	105273	40.00	ng	0.00
47) Acenaphthene-d10	7.640	164	59705	40.00	ng	0.00
73) Phenanthrene-d10	9.042	188	103563	40.00	ng	0.00
87) Chrysene-d12	12.058	240	91929	40.00	ng	0.00
102) Perylene-d12	13.658	264	98227	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	6976	7.76	ng	0.00
Spiked Amount 100.000			Recovery = 7.76%			
15) Phenol-d5	4.977	99	9525	7.13	ng	0.00
Spiked Amount 100.000			Recovery = 7.13%			
30) Nitrobenzene-d5	5.731	128	2067	4.48	ng	0.00
Spiked Amount 50.000			Recovery = 8.96%			
52) 2-Fluorobiphenyl	7.095	172	10785	5.18	ng	0.00
Spiked Amount 50.000			Recovery = 10.36%			
76) 2,4,6-Tribromophenol	8.352	330	1825	9.46	ng	0.00
Spiked Amount 100.000			Recovery = 9.46%			
90) Terphenyl-d14	10.828	244	12511	4.86	ng	0.00
Spiked Amount 50.000			Recovery = 9.72%			
Target Compounds						Qvalue
8) Pyridine	2.212	79	7747m	8.81	ng	
9) N-Nitrosodimethylamine	2.153	74	4553m	7.88	ng	
11) Benzaldehyde	4.881	77	6943	8.71	ng	80
12) Aniline	4.982	93	10446	7.23	ng	19
13) Pentachloroethane	5.014	117	2950	5.46	ng	77
14) bis(2-Chloroethyl)ether	5.046	93	7417	7.27	ng	77
16) Phenol	4.988	94	10597	7.44	ng	80
17) 2-Chlorophenol	5.084	128	8725	8.53	ng	74
18) N-Decane	5.137	57	5895m	3.96	ng	
19) 1,3-Dichlorobenzene	5.212	146	9809	9.01	ng	97
20) 1,4-Dichlorobenzene	5.282	146	10401	8.94	ng	98
21) 1,2-Dichlorobenzene	5.405	146	9842	9.51	ng	98
22) Benzyl alcohol	5.399	108	4870	7.46	ng	85
23) bis(2-chloroisopropyl)...	5.512	45	8176	5.15	ng	48
24) 2-Methylphenol	5.501	108	7081	7.26	ng	77
25) Acetophenone	5.613	105	12755	8.02	ng	61
26) Hexachloroethane	5.678	117	4795	10.11	ng	98
27) N-Nitroso-di-n-propyla...	5.613	70	7081	7.79	ng	84
28) 3&4-Methylphenol	5.635	108	8169	8.27	ng	94
31) Nitrobenzene	5.747	77	10067	8.39	ng	81
32) Isophorone	5.934	82	16655	7.89	ng	90
33) 2-Nitrophenol	5.998	139	5040	9.96	ng	98
34) 2,4-Dimethylphenol	6.041	107	9136	8.80	ng	94
35) Benzoic Acid	6.121	105	2783m	5.56	ng	
36) bis(2-Chloroethoxy)met...	6.111	93	9307	7.95	ng	79
37) 2,4-Dichlorophenol	6.191	162	7203	9.53	ng	87
38) 1,2,4-Trichlorobenzene	6.244	180	8225	9.27	ng	91
39) Naphthalene	6.303	128	27758	9.63	ng	97
40) 4-Chloroaniline	6.351	127	9773	11.03	ng	94
41) Hexachlorobutadiene	6.394	225	4959	9.91	ng	92
42) Caprolactam	6.603	113	2945	8.36	ng	49
43) 4-Chloro-3-methylphenol	6.720	107	8149	9.13	ng	63
44) 2-Methylnaphthalene	6.822	142	19461	10.16	ng	96
45) Methylnaphthalenes (To...	6.822	142	19461	10.16	ng	96
46) 1,1'-Biphenyl	7.175	154	24289	8.09	ng	92
48) 1,2,4,5-Tetrachloroben...	6.945	216	8625	9.42	ng	85
49) Hexachlorocyclopentadiene	6.934	237	493	2.65	ng	63
50) 2,4,6-Trichlorophenol	7.036	196	5359	10.49	ng	89
51) 2,4,5-Trichlorophenol	7.074	196	5804	10.52	ng	83
53) 2-Chloronaphthalene	7.191	162	17703	10.03	ng	94
54) 1,4-Dimethylnaphthalene	7.453	156	13480	6.56	ng	91
55) Dimethylnaphthalenes (...	7.453	156	13480	6.56	ng	91
56) Diphenyl Ether	7.255	170	12023	8.81	ng	81
57) 2-Nitroaniline	7.277	65	5365	7.04	ng	69
58) Acenaphthylene	7.523	152	29393	9.86	ng	98
59) Dimethylphthalate	7.416	163	21481	10.15	ng	100
60) 2,6-Dinitrotoluene	7.469	165	4169	8.86	ng	85
61) Acenaphthene	7.667	153	17694	9.26	ng	91
62) 3-Nitroaniline	7.614	138	4611	10.75	ng	78
63) 2,4-Dinitrophenol	7.721	184	1589	7.66	ng	52
64) Dibenzofuran	7.817	168	25723	10.07	ng	91
65) 2,4-Dinitrotoluene	7.817	165	6206	9.53	ng	92

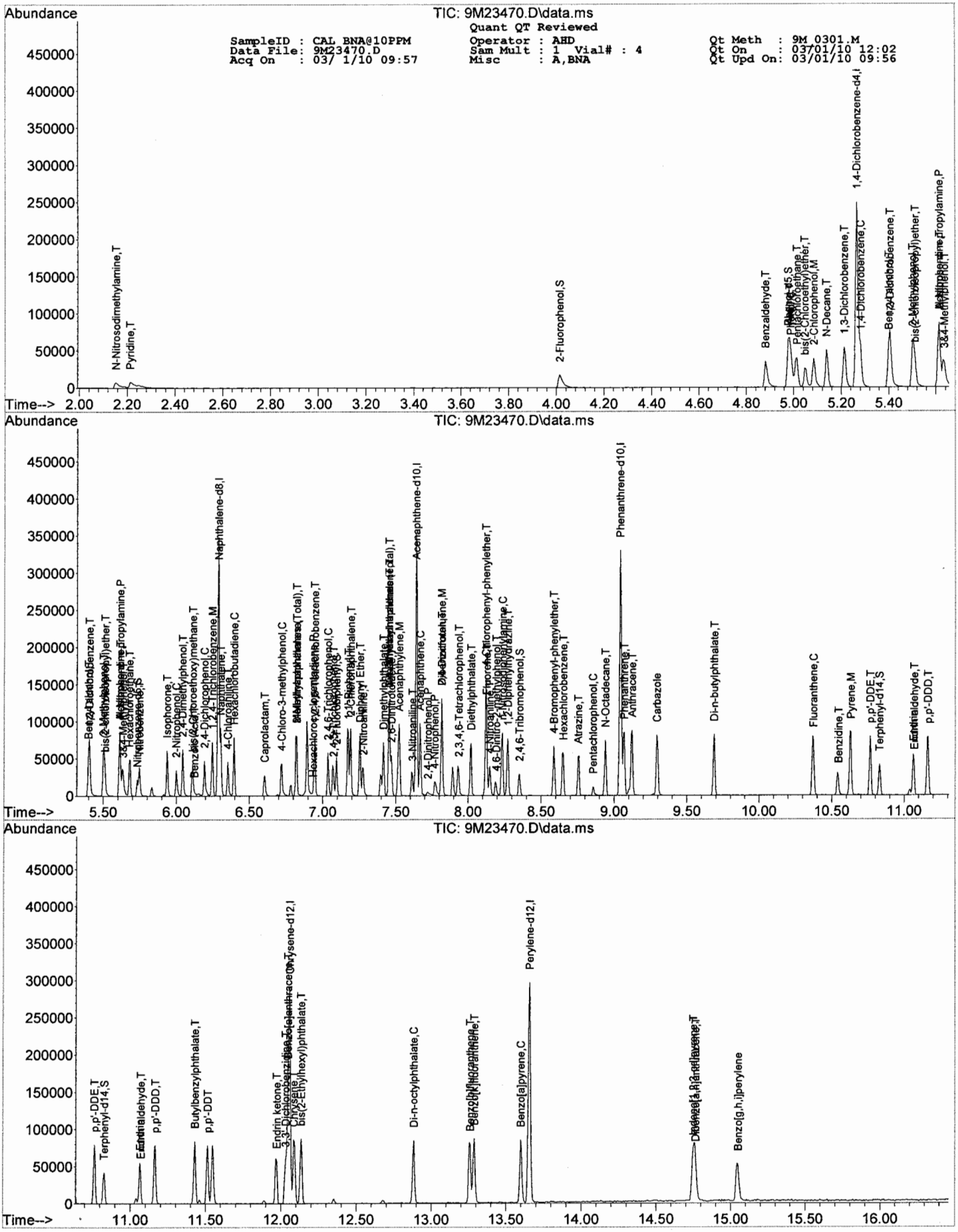
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23470.D Sam Mult : 1 Via1# : 4 Qt On : 03/01/10 12:02
Acq On : 03/ 1/10 09:57 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
66) 4-Nitrophenol	7.769	65	2697	7.18 ng	86
67) 2,3,4,6-Tetrachlorophenol	7.935	232	4758	10.75 ng	85
68) Fluorene	8.127	166	19784	9.33 ng	95
69) 4-Chlorophenyl-phenyle...	8.122	204	9400	9.86 ng	96
70) Diethylphthalate	8.020	149	22387	10.08 ng	96
71) 4-Nitroaniline	8.149	138	5357	10.16 ng	77
72) Atrazine	8.753	200	6213	9.28 ng	91
74) 4,6-Dinitro-2-methylph...	8.191	198	2881	8.89 ng	67
75) n-Nitrosodiphenylamine	8.234	169	18117	9.57 ng	93
77) 1,2-Diphenylhydrazine	8.272	77	24895	8.88 ng	89
78) 4-Bromophenyl-phenylether	8.587	248	5208	9.02 ng	91
79) Hexachlorobenzene	8.651	284	5145	9.09 ng	74
80) N-Octadecane	8.940	57	8949	4.19 ng	65
81) Pentachlorophenol	8.855	266	1472	6.28 ng	97
82) Phenanthrene	9.069	178	30933	9.60 ng	95
83) Anthracene	9.122	178	31988	9.79 ng	99
84) Carbazole	9.293	167	29656	9.38 ng	97
85) Di-n-butylphthalate	9.689	149	40178	9.58 ng	97
86) Fluoranthene	10.374	202	33510	9.74 ng	90
88) Pyrene	10.630	202	36163	9.69 ng	85
89) Benzidine	10.545	184	11826	9.96 ng	82
91) p,p'-DDE	10.764	246	7535	8.96 ng	92
92) Endrin	11.064	81	2824	10.51 ng	77
93) p,p'-DDD	11.165	235	12405	9.04 ng	84
94) Butylbenzylphthalate	11.427	149	17459	8.83 ng	89
95) Endrin aldehyde	11.069	67	694m	7.83 ng	
96) p,p'-DDT	11.513	235	11429	9.09 ng	91
97) Endrin ketone	11.973	317	1362	11.65 ng	94
98) 3,3'-Dichlorobenzidine	12.032	252	11392	12.96 ng	96
99) Benzo[a]anthracene	12.048	228	33966	9.83 ng	96
100) Chrysene	12.085	228	32053	9.86 ng	93
101) bis(2-Ethylhexyl)phtha...	12.133	149	25702	9.09 ng	97
103) Di-n-octylphthalate	12.882	149	41474	8.44 ng	99
104) Benzo[b]fluoranthene	13.262	252	31717	9.58 ng	92
105) Benzo[k]fluoranthene	13.289	252	32088	10.29 ng	95
106) Benzo[a]pyrene	13.599	252	31742	10.30 ng	87
107) Indeno[1,2,3-cd]pyrene	14.749	276	30591	9.50 ng	85
108) Dibenzo[a,h]anthracene	14.765	278	26695	10.34 ng	85
109) Benzo[g,h,i]perylene	15.048	276	27189	9.91 ng	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 9M23470.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@10PPM
Data File: 9M23470.D
Acq On : 03/ 1/10 09:57
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : A,BNA
Qt Meth : 9M 0301.M
Qt On : 03/01/10 12:02
Qt Upd On: 03/01/10 09:56
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23471.D Sam Mult : 1 Vial# : 5 Qt On : 03/01/10 12:01
Acq On : 03/ 1/10 10:20 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	27463	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	102284	40.00	ng	0.00
47) Acenaphthene-d10	7.640	164	57313	40.00	ng	0.00
73) Phenanthrene-d10	9.042	188	96624	40.00	ng	0.00
87) Chrysene-d12	12.058	240	82834	40.00	ng	0.00
102) Perylene-d12	13.657	264	86113	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.009	112	13859	16.26	ng	0.00
Spiked Amount 100.000			Recovery = 16.26%			
15) Phenol-d5	4.977	99	17810	14.06	ng	0.00
Spiked Amount 100.000			Recovery = 14.06%			
30) Nitrobenzene-d5	5.731	128	4177	9.31	ng	0.00
Spiked Amount 50.000			Recovery = 18.62%			
52) 2-Fluorobiphenyl	7.095	172	19342	9.67	ng	0.00
Spiked Amount 50.000			Recovery = 19.34%			
76) 2,4,6-Tribromophenol	8.352	330	3925	21.80	ng	0.00
Spiked Amount 100.000			Recovery = 21.80%			
90) Terphenyl-d14	10.828	244	22902	9.87	ng	0.00
Spiked Amount 50.000			Recovery = 19.74%			
Target Compounds						Qvalue
8) Pyridine	2.195	79	13001	15.60	ng	60
9) N-Nitrosodimethylamine	2.142	74	9381	17.13	ng	82
11) Benzaldehyde	4.880	77	13661	18.09	ng	88
12) Aniline	4.982	93	21737	15.88	ng	18
13) Pentachloroethane	5.014	117	5810	11.34	ng	78
14) bis(2-Chloroethyl)ether	5.046	93	14936	15.44	ng	81
16) Phenol	4.987	94	20544	15.22	ng	79
17) 2-Chlorophenol	5.084	128	16700	17.23	ng	76
18) N-Decane	5.137	57	12102	8.57	ng	61
19) 1,3-Dichlorobenzene	5.212	146	19057	18.47	ng	92
20) 1,4-Dichlorobenzene	5.282	146	19329	17.53	ng	93
21) 1,2-Dichlorobenzene	5.405	146	18439	18.80	ng	99
22) Benzyl alcohol	5.399	108	9662	15.62	ng	86
23) bis(2-chloroisopropyl)...	5.506	45	14978	9.96	ng	62
24) 2-Methylphenol	5.501	108	14926	16.15	ng	92
25) Acetophenone	5.608	105	22593	14.98	ng	66
26) Hexachloroethane	5.677	117	8869	19.73	ng	94
27) N-Nitroso-di-n-propyla...	5.613	70	13127	15.24	ng	81
28) 3&4-Methylphenol	5.629	108	15588	16.65	ng	79
31) Nitrobenzene	5.747	77	18269	15.67	ng	80
32) Isophorone	5.934	82	31777	15.50	ng	87
33) 2-Nitrophenol	5.998	139	9205	18.73	ng	91
34) 2,4-Dimethylphenol	6.041	107	16946	16.81	ng	91
35) Benzoic Acid	6.127	105	6988m	14.37	ng	
36) bis(2-Chloroethoxy)met...	6.111	93	18093	15.91	ng	97
37) 2,4-Dichlorophenol	6.191	162	14478	19.71	ng	85
38) 1,2,4-Trichlorobenzene	6.244	180	16970	19.69	ng	98
39) Naphthalene	6.303	128	51229	18.29	ng	98
40) 4-Chloroaniline	6.351	127	20070	23.31	ng	95
41) Hexachlorobutadiene	6.394	225	9437	19.42	ng	94
42) Caprolactam	6.608	113	4895	14.29	ng	55
43) 4-Chloro-3-methylphenol	6.720	107	14819	17.09	ng	75
44) 2-Methylnaphthalene	6.822	142	34874	18.75	ng	99
45) Methylnaphthalenes (To...	6.822	142	34874	18.75	ng	99
46) 1,1'-Biphenyl	7.175	154	42627	14.61	ng	92
48) 1,2,4,5-Tetrachloroben...	6.945	216	16614	18.91	ng	96
49) Hexachlorocyclopentadiene	6.934	237	1244	6.96	ng	95
50) 2,4,6-Trichlorophenol	7.036	196	9683	19.75	ng	90
51) 2,4,5-Trichlorophenol	7.068	196	10699	20.20	ng	95
53) 2-Chloronaphthalene	7.191	162	33485	19.77	ng	93
54) 1,4-Dimethylnaphthalene	7.453	156	26175	13.27	ng	98
55) Dimethylnaphthalenes (...	7.453	156	26175	13.27	ng	98
56) Diphenyl Ether	7.255	170	23723	18.10	ng	90
57) 2-Nitroaniline	7.271	65	9653	13.19	ng	67
58) Acenaphthylene	7.523	152	53404	18.66	ng	95
59) Dimethylphthalate	7.416	163	39415	19.40	ng	98
60) 2,6-Dinitrotoluene	7.469	165	8668	19.20	ng	72
61) Acenaphthene	7.667	153	34081	18.57	ng	96
62) 3-Nitroaniline	7.614	138	9358	22.74	ng	98
63) 2,4-Dinitrophenol	7.715	184	2907	14.60	ng	91
64) Dibenzofuran	7.817	168	47476	19.35	ng	95
65) 2,4-Dinitrotoluene	7.817	165	12562	20.10	ng	86

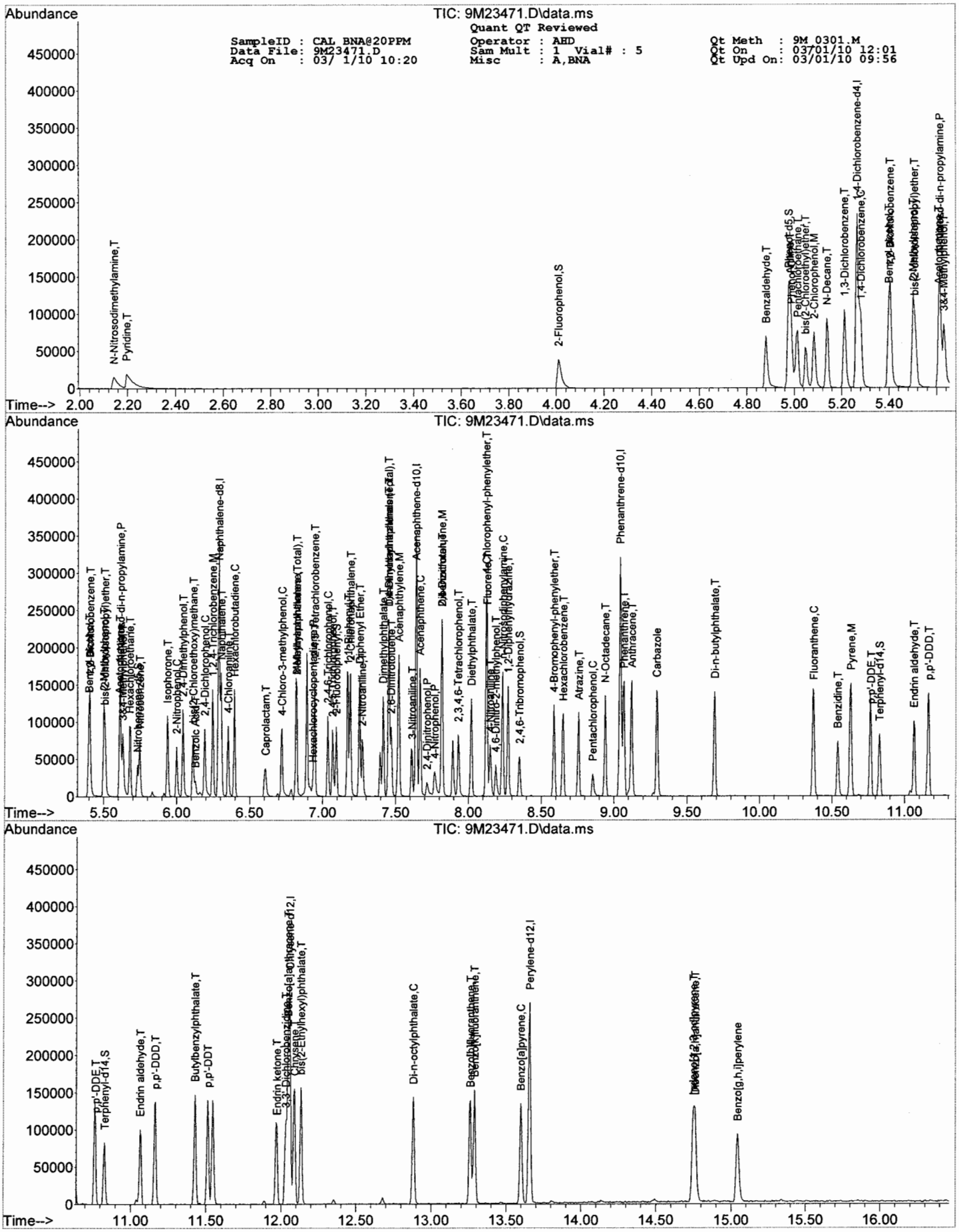
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23471.D Sam Mult : 1 Vial# : 5 Qt On : 03/01/10 12:01
Acq On : 03/ 1/10 10:20 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
66) 4-Nitrophenol	7.769	65	4996	13.85 ng	60
67) 2,3,4,6-Tetrachlorophenol	7.929	232	8234	19.38 ng	91
68) Fluorene	8.127	166	37126	18.24 ng	99
69) 4-Chlorophenyl-phenyle...	8.122	204	17951	19.62 ng	97
70) Diethylphthalate	8.020	149	40257	18.89 ng	100
71) 4-Nitroaniline	8.148	138	9229	18.24 ng	84
72) Atrazine	8.758	200	10292	16.01 ng	94
74) 4,6-Dinitro-2-methylph...	8.186	198	5480	18.13 ng	63
75) n-Nitrosodiphenylamine	8.234	169	32760	18.55 ng	99
77) 1,2-Diphenylhydrazine	8.271	77	47141	18.02 ng	94
78) 4-Bromophenyl-phenylether	8.587	248	10782	20.01 ng	91
79) Hexachlorobenzene	8.651	284	10434	19.75 ng	76
80) N-Octadecane	8.940	57	16423	8.24 ng	62
81) Pentachlorophenol	8.854	266	3037	13.88 ng	87
82) Phenanthrene	9.068	178	55222	18.36 ng	97
83) Anthracene	9.122	178	55565	18.22 ng	98
84) Carbazole	9.293	167	53645	18.20 ng	97
85) Di-n-butylphthalate	9.689	149	68418	17.48 ng	99
86) Fluoranthene	10.373	202	59481	18.52 ng	86
88) Pyrene	10.630	202	64234	19.10 ng	86
89) Benzidine	10.539	184	25838	24.15 ng	91
91) p,p'-DDE	10.769	246	13456	17.76 ng	89
92) Endrin	11.063	81	4395	18.16 ng	67
93) p,p'-DDD	11.165	235	22028	17.81 ng	87
94) Butylbenzylphthalate	11.427	149	31951	17.93 ng	86
95) Endrin aldehyde	11.063	67	1243	15.56 ng	57
96) p,p'-DDT	11.513	235	19170	16.92 ng	89
97) Endrin ketone	11.973	317	2088	19.82 ng	86
98) 3,3'-Dichlorobenzidine	12.031	252	19471	24.59 ng	93
99) Benzo[a]anthracene	12.048	228	58542	18.80 ng	99
100) Chrysene	12.090	228	56441	19.27 ng	98
101) bis(2-Ethylhexyl)phtha...	12.133	149	45803	17.98 ng	98
103) Di-n-octylphthalate	12.882	149	73785	17.13 ng	99
104) Benzo[b]fluoranthene	13.262	252	54965	18.93 ng	93
105) Benzo[k]fluoranthene	13.288	252	55780	20.40 ng	92
106) Benzo[a]pyrene	13.599	252	52426	19.41 ng	90
107) Indeno[1,2,3-cd]pyrene	14.749	276	52906	18.73 ng	87
108) Dibenzo[a,h]anthracene	14.759	278	42716	18.87 ng	87
109) Benzo[g,h,i]perylene	15.043	276	45618	18.96 ng	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed


TIC: 9M23471.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@20PPM
Data File: 9M23471.D
Acq On : 03/ 1/10 10:20
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:01
Qt Upd On: 03/01/10 09:56
Abundance
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23472.D Sam Mult : 1 Vial# : 6 Qt On : 03/01/10 12:01
Acq On : 03/ 1/10 10:43 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	26446	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	95956	40.00	ng	0.00
47) Acenaphthene-d10	7.646	164	52846	40.00	ng	0.00
73) Phenanthrene-d10	9.047	188	91318	40.00	ng	0.00
87) Chrysene-d12	12.064	240	78190	40.00	ng	0.00
102) Perylene-d12	13.657	264	82204	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.003	112	60672	73.94	ng	0.00
Spiked Amount 100.000			Recovery = 73.94%			
15) Phenol-d5	4.977	99	70811	58.06	ng	0.00
Spiked Amount 100.000			Recovery = 58.06%			
30) Nitrobenzene-d5	5.731	128	15887	37.75	ng	0.00
Spiked Amount 50.000			Recovery = 75.50%			
52) 2-Fluorobiphenyl	7.095	172	72737	39.44	ng	0.00
Spiked Amount 50.000			Recovery = 78.88%			
76) 2,4,6-Tribromophenol	8.357	330	13787	81.01	ng	0.00
Spiked Amount 100.000			Recovery = 81.01%			
90) Terphenyl-d14	10.833	244	90194	41.17	ng	0.00
Spiked Amount 50.000			Recovery = 82.34%			
Target Compounds						Qvalue
8) Pyridine	2.179	79	61773	76.98	ng	56
9) N-Nitrosodimethylamine	2.136	74	37570	71.25	ng	74
11) Benzaldehyde	4.880	77	34917	48.01	ng	86
12) Aniline	4.982	93	85261	64.68	ng	17
13) Pentachloroethane	5.014	117	23278	47.20	ng	78
14) bis(2-Chloroethyl)ether	5.051	93	56509	60.68	ng	82
16) Phenol	4.987	94	83071	63.93	ng	76
17) 2-Chlorophenol	5.084	128	71683	76.81	ng	73
18) N-Decane	5.142	57	43929	32.31	ng	61
19) 1,3-Dichlorobenzene	5.212	146	78673	79.18	ng	98
20) 1,4-Dichlorobenzene	5.281	146	76105	71.69	ng	99
21) 1,2-Dichlorobenzene	5.404	146	72623	76.89	ng	95
22) Benzyl alcohol	5.399	108	39654	66.56	ng	86
23) bis(2-chloroisopropyl)...	5.511	45	59426	41.04	ng	63
24) 2-Methylphenol	5.501	108	54406	61.12	ng	98
25) Acetophenone	5.613	105	87251	60.08	ng	64
26) Hexachloroethane	5.683	117	33542	77.49	ng	78
27) N-Nitroso-di-n-propyla...	5.618	70	47759	57.57	ng	84
28) 3&4-Methylphenol	5.634	108	57833	64.13	ng	93
31) Nitrobenzene	5.747	77	70629	64.56	ng	84
32) Isophorone	5.939	82	123067	63.98	ng	90
33) 2-Nitrophenol	5.998	139	37108	80.47	ng	93
34) 2,4-Dimethylphenol	6.046	107	69232	73.19	ng	99
35) Benzoic Acid	6.159	105	42809m	93.87	ng	
36) bis(2-Chloroethoxy)met...	6.116	93	69314	64.96	ng	94
37) 2,4-Dichlorophenol	6.191	162	56034	81.33	ng	87
38) 1,2,4-Trichlorobenzene	6.250	180	67606	83.61	ng	96
39) Naphthalene	6.303	128	195930	74.56	ng	99
40) 4-Chloroaniline	6.351	127	70924	87.79	ng	99
41) Hexachlorobutadiene	6.394	225	36077	79.13	ng	96
42) Caprolactam	6.645	113	21122	65.75	ng	57
43) 4-Chloro-3-methylphenol	6.726	107	57141	70.24	ng	76
44) 2-Methylnaphthalene	6.822	142	129004	73.91	ng	96
45) Methylnaphthalenes (To...	6.822	142	129004	73.91	ng	96
46) 1,1'-Biphenyl	7.175	154	159890	58.40	ng	94
48) 1,2,4,5-Tetrachloroben...	6.945	216	64069	79.09	ng	94
49) Hexachlorocyclopentadiene	6.934	237	15004	91.08	ng	98
50) 2,4,6-Trichlorophenol	7.036	196	37555	83.09	ng	99
51) 2,4,5-Trichlorophenol	7.073	196	39740	81.38	ng	97
53) 2-Chloronaphthalene	7.191	162	123239	78.90	ng	97
54) 1,4-Dimethylnaphthalene	7.458	156	91646	50.41	ng	96
55) Dimethylnaphthalenes (...	7.458	156	91646	50.41	ng	96
56) Diphenyl Ether	7.255	170	86864	71.88	ng	89
57) 2-Nitroaniline	7.276	65	36581	54.21	ng	63
58) Acenaphthylene	7.528	152	197875	75.00	ng	98
59) Dimethylphthalate	7.426	163	146409	78.14	ng	99
60) 2,6-Dinitrotoluene	7.474	165	32508	78.09	ng	76
61) Acenaphthene	7.672	153	126873	74.98	ng	95
62) 3-Nitroaniline	7.619	138	32146	84.70	ng	78
63) 2,4-Dinitrophenol	7.715	184	17344	94.48	ng	86
64) Dibenzofuran	7.822	168	166724	73.71	ng	95
65) 2,4-Dinitrotoluene	7.822	165	45394	78.79	ng	87

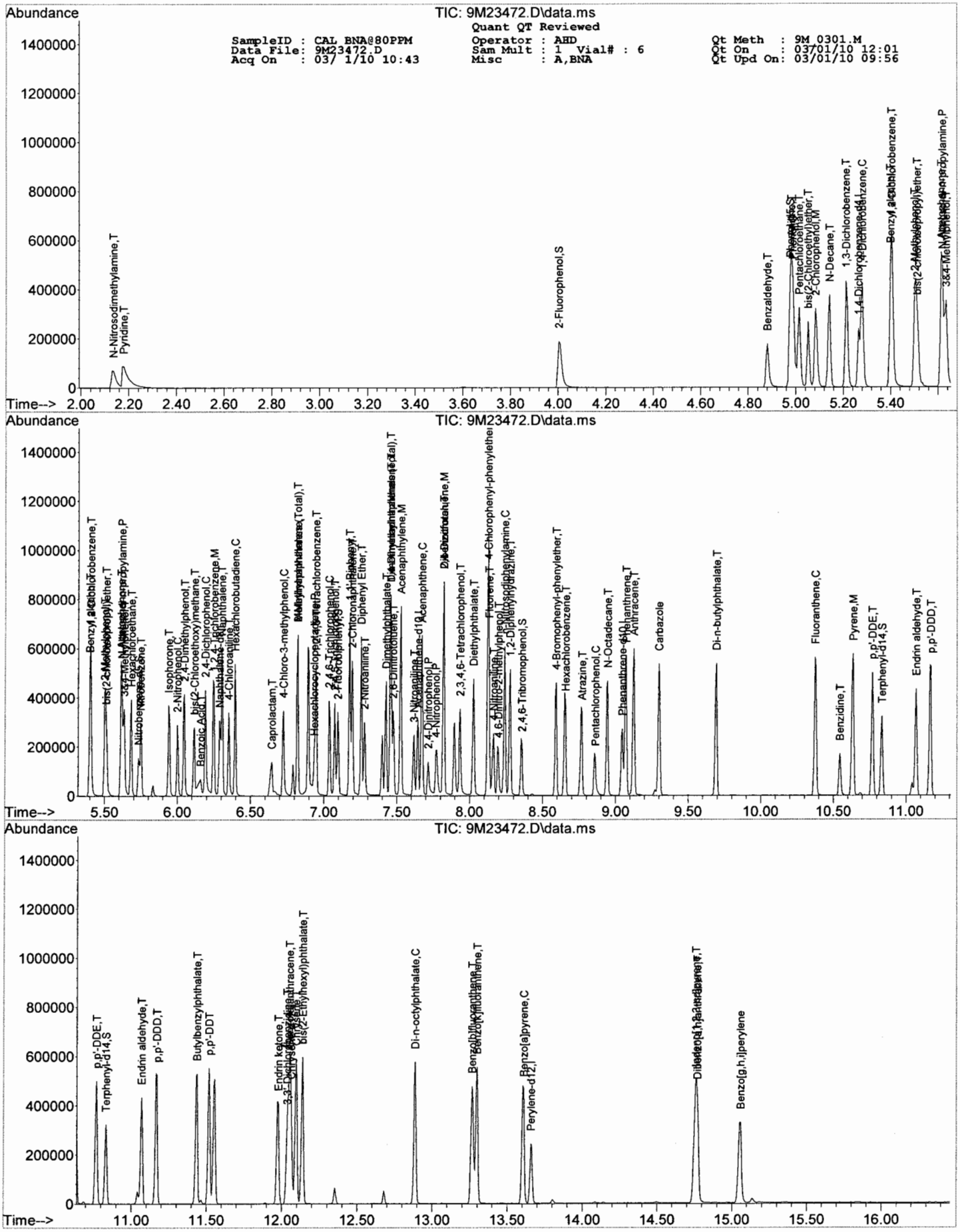
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@80PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23472.D Sam Mult : 1 Vial# : 6 Qt On : 03/01/10 12:01
Acq On : 03/ 1/10 10:43 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
66)	4-Nitrophenol	7.769	65	21023	63.20 ng	63
67)	2,3,4,6-Tetrachlorophenol	7.934	232	31699	80.90 ng	89
68)	Fluorene	8.132	166	140968	75.12 ng	99
69)	4-Chlorophenyl-phenyle...	8.127	204	67394	79.90 ng	89
70)	Diethylphthalate	8.025	149	153519	78.11 ng	99
71)	4-Nitroaniline	8.164	138	35604	76.30 ng	89
72)	Atrazine	8.769	200	42648	71.94 ng	93
74)	4,6-Dinitro-2-methylph...	8.196	198	26837	93.97 ng	60
75)	n-Nitrosodiphenylamine	8.239	169	122056	73.14 ng	98
77)	1,2-Diphenylhydrazine	8.277	77	175903	71.16 ng	91
78)	4-Bromophenyl-phenylether	8.592	248	39890	78.32 ng	91
79)	Hexachlorobenzene	8.656	284	40219	80.56 ng	69
80)	N-Octadecane	8.945	57	63772	33.84 ng	64
81)	Pentachlorophenol	8.860	266	17987	86.96 ng	96
82)	Phenanthrene	9.074	178	211778	74.51 ng	99
83)	Anthracene	9.127	178	213151	73.96 ng	99
84)	Carbazole	9.298	167	202219	72.57 ng	98
85)	Di-n-butylphthalate	9.694	149	270830	73.22 ng	98
86)	Fluoranthene	10.373	202	229482	75.61 ng	92
88)	Pyrene	10.635	202	244548	77.02 ng	85
89)	Benzidine	10.544	184	59127	58.54 ng	84
91)	p,p'-DDE	10.769	246	53784	75.19 ng	89
92)	Endrin	11.069	81	19371	84.77 ng	80
93)	p,p'-DDD	11.170	235	87566	75.01 ng	87
94)	Butylbenzylphthalate	11.438	149	124335	73.92 ng	83
95)	Endrin aldehyde	11.069	67	4639	61.51 ng	69
96)	p,p'-DDT	11.518	235	81951	76.63 ng	93
97)	Endrin ketone	11.978	317	7195	72.35 ng	87
98)	3,3'-Dichlorobenzidine	12.037	252	58733	78.57 ng	97
99)	Benzo[a]anthracene	12.053	228	219035	74.50 ng	98
100)	Chrysene	12.096	228	212221	76.75 ng	98
101)	bis(2-Ethylhexyl)phtha...	12.138	149	180600	75.10 ng	99
103)	Di-n-octylphthalate	12.887	149	294625	71.65 ng	99
104)	Benzo[b]fluoranthene	13.267	252	219692	79.26 ng	92
105)	Benzo[k]fluoranthene	13.299	252	202468	77.56 ng	91
106)	Benzo[a]pyrene	13.609	252	200149	77.61 ng	90
107)	Indeno[1,2,3-cd]pyrene	14.759	276	201697	74.81 ng	89
108)	Dibenzo[a,h]anthracene	14.770	278	164931	76.31 ng	90
109)	Benzo[g,h,i]perylene	15.059	276	175654	76.48 ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23472.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@80PPM
Data File: 9M23472.D
Acq On : 03/ 1/10 10:43
Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:01
Qt Upd On: 03/01/10 09:56
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
Time-->

Abundance
TIC: 9M23472.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
2-Nitroaniline,T
Diphenyl Ether,T
Acenaphthylene,M
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether
4-Nitroaniline,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Pyrene,M
Benzidine,T
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23472.D\data.ms
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo(b)fluoranthene,T
Benzo(k)fluoranthene,T
Benzo(a)pyrene,C
Perylene-d12,I
Indeno(1,2,3-cd)pyrene,T
Dibenz(a,h)anthracene,T
Benzo(g,h,i)perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM
Data File: 9M23473.D
Acq On : 03/ 1/10 11:05

Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:01
Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	27421	40.00	ng	0.00
29) Naphthalene-d8	6.292	136	97857	40.00	ng	0.00
47) Acenaphthene-d10	7.646	164	56362	40.00	ng	0.00
73) Phenanthrene-d10	9.047	188	93802	40.00	ng	0.00
87) Chrysene-d12	12.069	240	82354	40.00	ng	0.00
102) Perylene-d12	13.657	264	85759	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.003	112	93726	110.16	ng	0.00
Spiked Amount 100.000			Recovery = 110.16%			
15) Phenol-d5	4.982	99	113142	89.47	ng	0.00
Spiked Amount 100.000			Recovery = 89.47%			
30) Nitrobenzene-d5	5.736	128	26990	62.89	ng	0.00
Spiked Amount 50.000			Recovery = 125.78%			
52) 2-Fluorobiphenyl	7.100	172	107260	54.53	ng	0.00
Spiked Amount 50.000			Recovery = 109.06%			
76) 2,4,6-Tribromophenol	8.357	330	20804	119.00	ng	0.00
Spiked Amount 100.000			Recovery = 119.00%			
90) Terphenyl-d14	10.833	244	133627	57.91	ng	0.00
Spiked Amount 50.000			Recovery = 115.82%			
Target Compounds						Qvalue
8) Pyridine	2.174	79	97497	117.17	ng	61
9) N-Nitrosodimethylamine	2.137	74	58667	107.30	ng	77
11) Benzaldehyde	4.880	77	28376	37.63	ng	85
12) Aniline	4.982	93	125199	91.60	ng	16
13) Pentachloroethane	5.014	117	34556	67.58	ng	78
14) bis(2-Chloroethyl)ether	5.057	93	83077	86.03	ng	82
16) Phenol	4.993	94	123695	91.80	ng	89
17) 2-Chlorophenol	5.089	128	106037	109.58	ng	72
18) N-Decane	5.142	57	67499	47.88	ng	54
19) 1,3-Dichlorobenzene	5.217	146	111689	108.41	ng	97
20) 1,4-Dichlorobenzene	5.282	146	115809	105.22	ng	98
21) 1,2-Dichlorobenzene	5.405	146	104911	107.13	ng	96
22) Benzyl alcohol	5.405	108	59603	96.49	ng	83
23) bis(2-chloroisopropyl)...	5.512	45	88234	58.76	ng	50
24) 2-Methylphenol	5.501	108	82877	89.80	ng	100
25) Acetophenone	5.618	105	126245	83.84	ng	65
26) Hexachloroethane	5.683	117	52003	115.86	ng	92
27) N-Nitroso-di-n-propyla...	5.624	70	70262	81.68	ng	78
28) 3&4-Methylphenol	5.635	108	88193	94.32	ng	90
31) Nitrobenzene	5.752	77	108734	97.47	ng	84
32) Isophorone	5.945	82	187727	95.69	ng	86
33) 2-Nitrophenol	6.004	139	55540	118.10	ng	90
34) 2,4-Dimethylphenol	6.046	107	103383	107.16	ng	98
35) Benzoic Acid	6.175	105	69243m	148.88	ng	
36) bis(2-Chloroethoxy)met...	6.116	93	103663	95.26	ng	94
37) 2,4-Dichlorophenol	6.196	162	84419	120.14	ng	85
38) 1,2,4-Trichlorobenzene	6.250	180	97810	118.61	ng	94
39) Naphthalene	6.308	128	292881	109.29	ng	98
40) 4-Chloroaniline	6.351	127	89349	108.44	ng	98
41) Hexachlorobutadiene	6.394	225	55313	118.96	ng	94
42) Caprolactam	6.661	113	27663	84.44	ng	53
43) 4-Chloro-3-methylphenol	6.726	107	84416	101.75	ng	78
44) 2-Methylnaphthalene	6.822	142	194949	109.53	ng	96
45) Methylnaphthalenes (To...	6.822	142	194949	109.53	ng	96
46) 1,1'-Biphenyl	7.175	154	245673	87.99	ng	95
48) 1,2,4,5-Tetrachloroben...	6.950	216	94455	109.33	ng	96
49) Hexachlorocyclopentadiene	6.934	237	27657	157.41	ng	95
50) 2,4,6-Trichlorophenol	7.041	196	57455	119.19	ng	97
51) 2,4,5-Trichlorophenol	7.073	196	60421	116.01	ng	98
53) 2-Chloronaphthalene	7.196	162	188739	113.30	ng	95
54) 1,4-Dimethylnaphthalene	7.458	156	137948	71.14	ng	97
55) Dimethylnaphthalenes (...	7.458	156	137948	71.14	ng	97
56) Diphenyl Ether	7.255	170	131370	101.92	ng	92
57) 2-Nitroaniline	7.282	65	55656	77.34	ng	61
58) Acenaphthylene	7.528	152	295791	105.12	ng	99
59) Dimethylphthalate	7.432	163	217692	108.94	ng	99
60) 2,6-Dinitrotoluene	7.480	165	49659	111.85	ng	67
61) Acenaphthene	7.678	153	190739	105.69	ng	94
62) 3-Nitroaniline	7.619	138	44107	108.97	ng	71
63) 2,4-Dinitrophenol	7.721	184	26972	137.76	ng	90
64) Dibenzofuran	7.822	168	251089	104.09	ng	93
65) 2,4-Dinitrotoluene	7.827	165	65611	106.77	ng	90

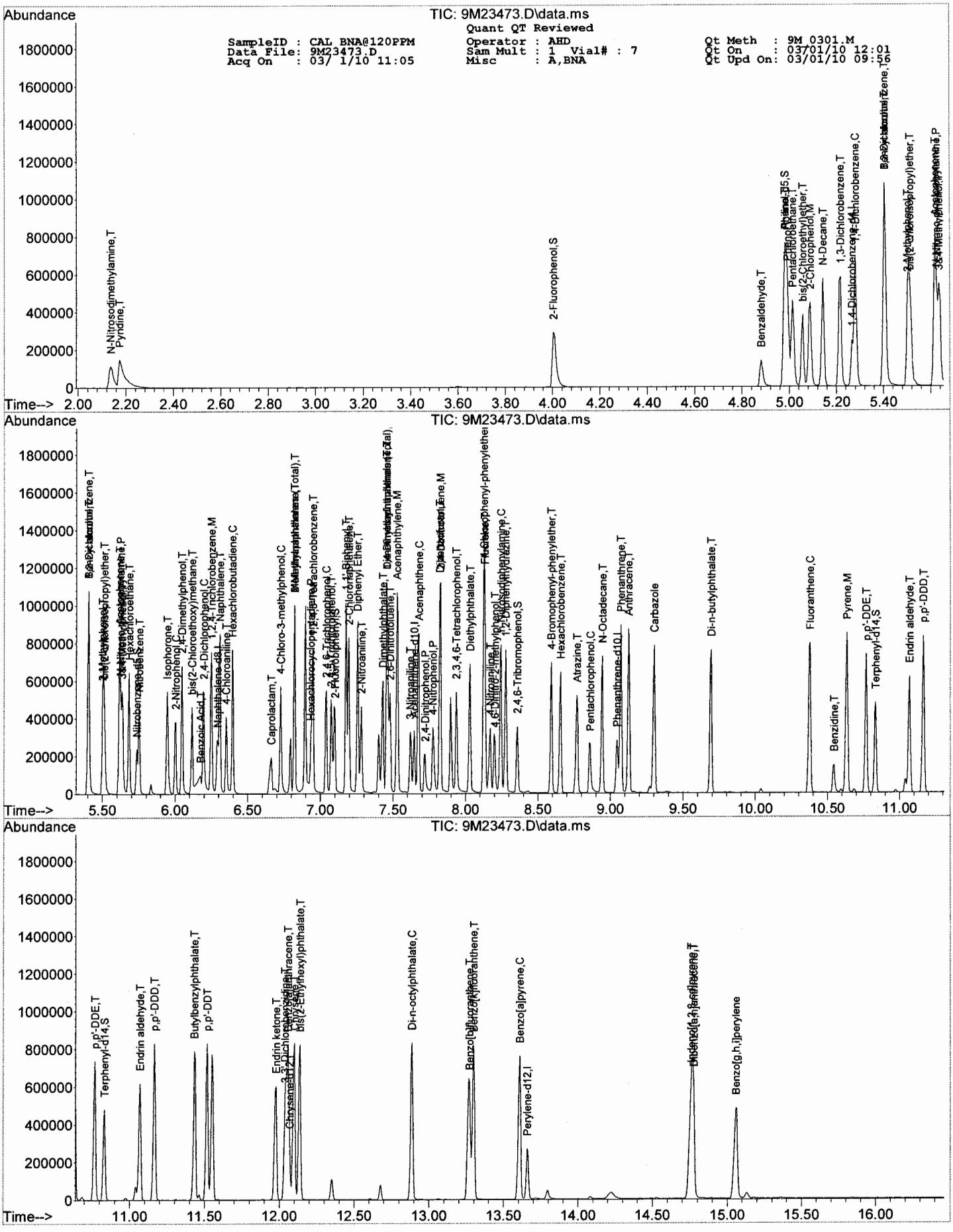
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23473.D Sam Mult : 1 Vial# : 7 Qt On : 03/01/10 12:01
Acq On : 03/ 1/10 11:05 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	7.774	65	32057	90.36	ng	45
67) 2,3,4,6-Tetrachlorophenol	7.934	232	47965	114.77	ng	87
68) Fluorene	8.132	166	203036	101.45	ng	98
69) 4-Chlorophenyl-phenyle...	8.127	204	96759	107.56	ng	92
70) Diethylphthalate	8.031	149	227709	108.62	ng	98
71) 4-Nitroaniline	8.170	138	55298	111.11	ng	91
72) Atrazine	8.769	200	64611	102.19	ng	95
74) 4,6-Dinitro-2-methylph...	8.202	198	42096	143.49	ng	55
75) n-Nitrosodiphenylamine	8.245	169	175286	102.25	ng	96
77) 1,2-Diphenylhydrazine	8.277	77	268499	105.75	ng	94
78) 4-Bromophenyl-phenylether	8.592	248	60181	115.03	ng	94
79) Hexachlorobenzene	8.657	284	59479	115.99	ng	82
80) N-Octadecane	8.945	57	93749	48.43	ng	61
81) Pentachlorophenol	8.860	266	27024	127.19	ng	95
82) Phenanthrene	9.074	178	308813	105.77	ng	99
83) Anthracene	9.127	178	319033	107.76	ng	99
84) Carbazole	9.304	167	298355	104.24	ng	99
85) Di-n-butylphthalate	9.694	149	401330	105.63	ng	98
86) Fluoranthene	10.379	202	343591	110.20	ng	84
88) Pyrene	10.636	202	365055	109.15	ng	83
89) Benzidine	10.545	184	55986	52.63	ng	83
91) p,p'-DDE	10.769	246	78352	103.99	ng	88
92) Endrin	11.069	81	28660	119.08	ng	80
93) p,p'-DDD	11.165	235	129065	104.97	ng	89
94) Butylbenzylphthalate	11.432	149	185015	104.43	ng	84
95) Endrin aldehyde	11.069	67	7378	92.88	ng	71
96) p,p'-DDT	11.518	235	120936	107.36	ng	93
97) Endrin ketone	11.978	317	12249	116.94	ng	97
98) 3,3'-Dichlorobenzidine	12.037	252	82817	105.19	ng	92
99) Benzo[a]anthracene	12.058	228	333066	107.56	ng	99
100) Chrysene	12.101	228	311357	106.91	ng	99
101) bis(2-Ethylhexyl)phtha...	12.138	149	258406	102.03	ng	98
103) Di-n-octylphthalate	12.887	149	443917	103.47	ng	99
104) Benzo[b]fluoranthene	13.272	252	326164	112.79	ng	92
105) Benzo[k]fluoranthene	13.299	252	303011	111.27	ng	93
106) Benzo[a]pyrene	13.609	252	306946	114.09	ng	92
107) Indeno[1,2,3-cd]pyrene	14.759	276	315377	112.13	ng	90
108) Dibenzo[a,h]anthracene	14.775	278	261628	116.03	ng	88
109) Benzo[g,h,i]perylene	15.059	276	274626	114.62	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23473.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@120PPM
Data File: 9M23473.D
Acq On : 03/ 1/10 11:05
Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:01
Qt Upd On: 03/01/10 09:56
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Time-->

Abundance
TIC: 9M23473.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,T
bis(2-Chloroethoxy)methane,T
Benzoic Acid,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Hexachlorocyclopentadiene,T
2-Chloronaphthalene,T
Diphenyl Ether,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
2,6-Dinitrotoluene,T
3-Nitroaniline,T
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
4-Chlorophenyl-phenylether,T
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,T
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23473.D\data.ms
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23474.D Sam Mult : 1 Vial# : 8 Qt On : 03/01/10 12:02
Acq On : 03/ 1/10 11:28 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.266	152	27851	40.00	ng	0.00
29) Naphthalene-d8	6.292	136	101155	40.00	ng	0.00
47) Acenaphthene-d10	7.646	164	56718	40.00	ng	0.00
73) Phenanthrene-d10	9.047	188	96597	40.00	ng	0.00
87) Chrysene-d12	12.069	240	82050	40.00	ng	0.00
102) Perylene-d12	13.663	264	88342	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.009	112	131064	151.67	ng	0.00
Spiked Amount 100.000			Recovery =	151.67%		
15) Phenol-d5	4.987	99	155030	120.71	ng	0.01
Spiked Amount 100.000			Recovery =	120.71%		
30) Nitrobenzene-d5	5.736	128	35793	80.69	ng	0.00
Spiked Amount 50.000			Recovery =	161.38%		
52) 2-Fluorobiphenyl	7.100	172	149736	75.64	ng	0.00
Spiked Amount 50.000			Recovery =	151.28%		
76) 2,4,6-Tribromophenol	8.362	330	29313	162.82	ng	0.00
Spiked Amount 100.000			Recovery =	162.82%		
90) Terphenyl-d14	10.833	244	183189	79.69	ng	0.00
Spiked Amount 50.000			Recovery =	159.38%		
Target Compounds						Qvalue
8) Pyridine	2.174	79	128851	152.46	ng	60
9) N-Nitrosodimethylamine	2.142	74	79551	143.26	ng	78
11) Benzaldehyde	4.880	77	30623	39.98	ng	86
12) Aniline	4.987	93	171294	123.39	ng	16
13) Pentachloroethane	5.014	117	48586	93.55	ng	80
14) bis(2-Chloroethyl)ether	5.057	93	115335	117.60	ng	82
16) Phenol	4.998	94	170933	124.90	ng	92
17) 2-Chlorophenol	5.089	128	145643	148.18	ng	75
18) N-Decane	5.143	57	90490	63.20	ng	60
19) 1,3-Dichlorobenzene	5.217	146	151786	145.05	ng	95
20) 1,4-Dichlorobenzene	5.282	146	154052	137.80	ng	97
21) 1,2-Dichlorobenzene	5.410	146	137967	138.71	ng	99
22) Benzyl alcohol	5.405	108	81088	129.24	ng	86
23) bis(2-chloroisopropyl)...	5.517	45	119565	78.40	ng	49
24) 2-Methylphenol	5.506	108	114263	121.90	ng	99
25) Acetophenone	5.619	105	171617	112.21	ng	69
26) Hexachloroethane	5.683	117	67827	148.78	ng	88
27) N-Nitroso-di-n-propyla...	5.629	70	98729	113.00	ng	75
28) 3&4-Methylphenol	5.640	108	121626	128.07	ng	95
31) Nitrobenzene	5.752	77	148686	128.93	ng	88
32) Isophorone	5.950	82	259939	128.18	ng	85
33) 2-Nitrophenol	6.004	139	77472	159.37	ng	98
34) 2,4-Dimethylphenol	6.052	107	144260	144.66	ng	99
35) Benzoic Acid	6.196	105	99947m	207.89	ng	
36) bis(2-Chloroethoxy)met...	6.121	93	143622	127.68	ng	96
37) 2,4-Dichlorophenol	6.196	162	112062	154.29	ng	85
38) 1,2,4-Trichlorobenzene	6.250	180	134034	157.24	ng	98
39) Naphthalene	6.309	128	395726	142.85	ng	99
40) 4-Chloroaniline	6.357	127	107028	125.67	ng	98
41) Hexachlorobutadiene	6.399	225	72727	151.31	ng	99
42) Caprolactam	6.678	113	36631	108.16	ng	57
43) 4-Chloro-3-methylphenol	6.731	107	118885	138.63	ng	78
44) 2-Methylnaphthalene	6.822	142	268600	145.99	ng	98
45) Methylnaphthalenes (To...	6.822	142	268600	145.99	ng	98
46) 1,1'-Biphenyl	7.180	154	325123	112.65	ng	94
48) 1,2,4,5-Tetrachloroben...	6.950	216	128180	147.43	ng	96
49) Hexachlorocyclopentadiene	6.940	237	43662	246.94	ng	99
50) 2,4,6-Trichlorophenol	7.041	196	77317	159.39	ng	98
51) 2,4,5-Trichlorophenol	7.079	196	86910	165.83	ng	95
53) 2-Chloronaphthalene	7.196	162	256601	153.07	ng	96
54) 1,4-Dimethylnaphthalene	7.464	156	187286	95.98	ng	97
55) Dimethylnaphthalenes (...	7.464	156	187286	95.98	ng	97
56) Diphenyl Ether	7.261	170	174869	134.82	ng	88
57) 2-Nitroaniline	7.287	65	76400	105.50	ng	58
58) Acenaphthylene	7.533	152	400106	141.30	ng	99
59) Dimethylphthalate	7.437	163	302172	150.27	ng	99
60) 2,6-Dinitrotoluene	7.485	165	67755	151.65	ng	73
61) Acenaphthene	7.678	153	257606	141.85	ng	94
62) 3-Nitroaniline	7.624	138	56812	139.47	ng	69
63) 2,4-Dinitrophenol	7.726	184	39522	200.59	ng	89
64) Dibenzofuran	7.828	168	344691	141.99	ng	91
65) 2,4-Dinitrotoluene	7.833	165	89936	145.44	ng	82

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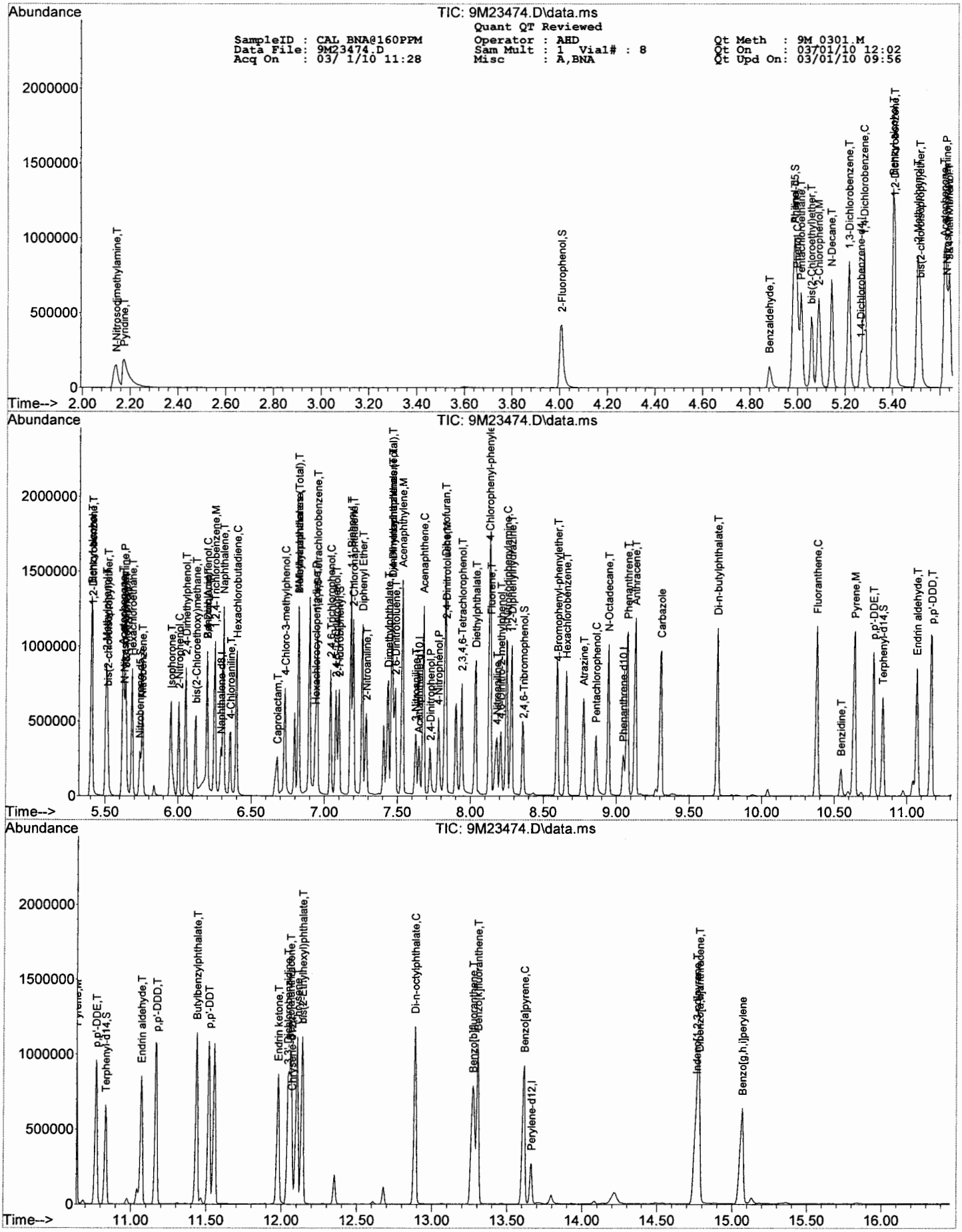
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23474.D Sam Mult : 1 Vial# : 8 Qt On : 03/01/10 12:02
Acq On : 03/ 1/10 11:28 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	7.779	65	48292	135.27	ng	66
67) 2,3,4,6-Tetrachlorophenol	7.940	232	69707	165.75	ng	91
68) Fluorene	8.138	166	279736	138.90	ng	99
69) 4-Chlorophenyl-phenyle...	8.127	204	131229	144.96	ng	96
70) Diethylphthalate	8.036	149	315156	149.40	ng	99
71) 4-Nitroaniline	8.181	138	74778	149.31	ng	90
72) Atrazine	8.774	200	86710	136.28	ng	99
74) 4,6-Dinitro-2-methylph...	8.207	198	57109	189.03	ng	36
75) n-Nitrosodiphenylamine	8.250	169	251637	142.54	ng	99
77) 1,2-Diphenylhydrazine	8.282	77	363553	139.04	ng	93
78) 4-Bromophenyl-phenylether	8.598	248	82669	153.44	ng	90
79) Hexachlorobenzene	8.657	284	82181	155.62	ng	78
80) N-Octadecane	8.945	57	131447	65.94	ng	61
81) Pentachlorophenol	8.860	266	39717	181.52	ng	97
82) Phenanthrene	9.079	178	431777	143.61	ng	99
83) Anthracene	9.133	178	435682	142.90	ng	98
84) Carbazole	9.309	167	423507	143.69	ng	98
85) Di-n-butylphthalate	9.694	149	561678	143.55	ng	99
86) Fluoranthene	10.379	202	476094	148.28	ng	90
88) Pyrene	10.641	202	506973	152.15	ng	84
89) Benzidine	10.545	184	66632	62.87	ng	82
91) p,p'-DDE	10.769	246	110002	146.54	ng	88
92) Endrin	11.069	81	40729	169.85	ng	79
93) p,p'-DDD	11.170	235	180836	147.62	ng	87
94) Butylbenzylphthalate	11.438	149	261789	148.32	ng	84
95) Endrin aldehyde	11.069	67	9377	118.48	ng	73
96) p,p'-DDT	11.518	235	166071	147.98	ng	92
97) Endrin ketone	11.978	317	16696	159.99	ng	94
98) 3,3'-Dichlorobenzidine	12.042	252	106591	135.89	ng	98
99) Benzo[a]anthracene	12.058	228	460638	149.31	ng	100
100) Chrysene	12.106	228	431108	148.57	ng	99
101) bis(2-Ethylhexyl)phtha...	12.139	149	369233	146.32	ng	99
103) Di-n-octylphthalate	12.887	149	621150	140.55	ng	99
104) Benzo[b]fluoranthene	13.272	252	475468	159.62	ng	93
105) Benzo[k]fluoranthene	13.305	252	407779	145.36	ng	94
106) Benzo[a]pyrene	13.615	252	417337	150.59	ng	91
107) Indeno[1,2,3-cd]pyrene	14.765	276	436452	150.64	ng	89
108) Dibenzo[a,h]anthracene	14.781	278	355124	152.89	ng	89
109) Benzo[g,h,i]perylene	15.070	276	369751	149.81	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23474.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@160PPM
Data File: 9M23474.D
Acq On : 03/ 1/10 11:28
Operator : AHD
Sam Mult : 1 Vial# : 8
Misc : A,BNA
Qt Meth : 9M 0301.M
Qt On : 03/01/10 12:02
Qt Upd On: 03/01/10 09:56
N-Nitrosodimethylamine,T
Pyridine,I
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
1,2-Dichlorobenzene-d4,I
bis(2-chloroisopropyl)ether,T
N-Nitrosopyrrolidine,P
Time-->
2.00
2.20
2.40
2.60
2.80
3.00
3.20
3.40
3.60
3.80
4.00
4.20
4.40
4.60
4.80
5.00
5.20
5.40
Abundance
TIC: 9M23474.D\data.ms
Caprolactam,T
4-Chloro-3-methylphenol,C
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
Naphthalene,I
4-Chloroaniline,T
Hexachlorobutadiene,C
2-Chloronaphthalene,T
Diphenyl Ether,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
3-Nitroaniline,I
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
2,4-Dinitrotoluene,T
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
Fluorene,T
4-Chlorophenyl-phenylether,T
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Time-->
5.50
6.00
6.50
7.00
7.50
8.00
8.50
9.00
9.50
10.00
10.50
11.00
Abundance
TIC: 9M23474.D\data.ms
Terphenyl-d14,S
p,p'-DDE,T
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->
11.00
11.50
12.00
12.50
13.00
13.50
14.00
14.50
15.00
15.50
16.00

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23475.D Sam Mult : 1 Vial# : 9 Qt On : 03/01/10 12:14
Acq On : 03/ 1/10 11:51 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	27647	40.00	ng	0.00
29) Naphthalene-d8	6.292	136	105816	40.00	ng	0.00
47) Acenaphthene-d10	7.651	164	59899	40.00	ng	0.00
73) Phenanthrene-d10	9.047	188	101572	40.00	ng	0.00
87) Chrysene-d12	12.074	240	79056	40.00	ng	0.00
102) Perylene-d12	13.663	264	84861	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.009	112	167801	195.61	ng	0.00
Spiked Amount 100.000			Recovery = 195.61%			
15) Phenol-d5	4.987	99	200868	157.55	ng	0.01
Spiked Amount 100.000			Recovery = 157.55%			
30) Nitrobenzene-d5	5.742	128	45040	97.06	ng	0.01
Spiked Amount 50.000			Recovery = 194.12%			
52) 2-Fluorobiphenyl	7.100	172	187030	89.46	ng	0.00
Spiked Amount 50.000			Recovery = 178.92%			
76) 2,4,6-Tribromophenol	8.362	330	37038	195.65	ng	0.00
Spiked Amount 100.000			Recovery = 195.65%			
90) Terphenyl-d14	10.833	244	229235	103.50	ng	0.00
Spiked Amount 50.000			Recovery = 207.00%			
Target Compounds						Qvalue
8) Pyridine	2.169	79	170381	203.09	ng	59
9) N-Nitrosodimethylamine	2.142	74	102131	185.28	ng	79
11) Benzaldehyde	4.880	77	33725	44.35	ng	79
12) Aniline	4.987	93	211891	153.77	ng	15
13) Pentachloroethane	5.014	117	61438	119.17	ng	82
14) bis(2-Chloroethyl)ether	5.062	93	156494	160.74	ng	80
16) Phenol	5.003	94	217134	159.83	ng	96
17) 2-Chlorophenol	5.089	128	184964	189.58	ng	76
18) N-Decane	5.142	57	116166	81.73	ng	65
19) 1,3-Dichlorobenzene	5.217	146	193680	186.45	ng	98
20) 1,4-Dichlorobenzene	5.282	146	194239	175.03	ng	96
21) 1,2-Dichlorobenzene	5.410	146	173129	175.35	ng	98
22) Benzyl alcohol	5.410	108	102836	165.11	ng	87
23) bis(2-chloroisopropyl)...	5.517	45	148326	97.98	ng	50
24) 2-Methylphenol	5.506	108	143467	154.18	ng	97
25) Acetophenone	5.624	105	220293	145.10	ng	65
26) Hexachloroethane	5.683	117	85514	188.97	ng	91
27) N-Nitroso-di-n-propyla...	5.635	70	124015	142.99	ng	76
28) 3&4-Methylphenol	5.645	108	155000	164.41	ng	96
31) Nitrobenzene	5.758	77	191080	158.40	ng	83
32) Isophorone	5.950	82	346303	163.25	ng	84
33) 2-Nitrophenol	6.004	139	103857	204.24	ng	95
34) 2,4-Dimethylphenol	6.057	107	184176	176.55	ng	98
35) Benzoic Acid	6.212	105	126714m	251.96	ng	
36) bis(2-Chloroethoxy)met...	6.121	93	190442	161.85	ng	97
37) 2,4-Dichlorophenol	6.201	162	146993	193.46	ng	86
38) 1,2,4-Trichlorobenzene	6.250	180	166370	186.58	ng	97
39) Naphthalene	6.308	128	502163	173.29	ng	99
40) 4-Chloroaniline	6.357	127	117257	131.61	ng	99
41) Hexachlorobutadiene	6.399	225	93239	185.44	ng	98
42) Caprolactam	6.688	113	49344	139.28	ng	58
43) 4-Chloro-3-methylphenol	6.731	107	156508	174.46	ng	83
44) 2-Methylnaphthalene	6.827	142	337219	175.21	ng	97
45) Methylnaphthalenes (To...	6.827	142	337219	175.21	ng	97
46) 1,1'-Biphenyl	7.180	154	415487	137.62	ng	95
48) 1,2,4,5-Tetrachloroben...	6.956	216	158062	172.14	ng	97
49) Hexachlorocyclopentadiene	6.940	237	61358	328.60	ng	97
50) 2,4,6-Trichlorophenol	7.041	196	104558	204.10	ng	96
51) 2,4,5-Trichlorophenol	7.079	196	112214	202.74	ng	99
53) 2-Chloronaphthalene	7.202	162	322711	182.28	ng	94
54) 1,4-Dimethylnaphthalene	7.464	156	237164	115.09	ng	96
55) Dimethylnaphthalenes (...	7.464	156	237164	115.09	ng	96
56) Diphenyl Ether	7.261	170	221828	161.94	ng	90
57) 2-Nitroaniline	7.287	65	97356	127.30	ng	63
58) Acenaphthylene	7.539	152	500107	167.24	ng	98
59) Dimethylphthalate	7.442	163	385697	181.62	ng	98
60) 2,6-Dinitrotoluene	7.491	165	87402	185.23	ng	65
61) Acenaphthene	7.683	153	326277	170.12	ng	95
62) 3-Nitroaniline	7.630	138	70661	164.26	ng	78
63) 2,4-Dinitrophenol	7.726	184	54552	262.17	ng	81
64) Dibenzofuran	7.827	168	431701	168.39	ng	93
65) 2,4-Dinitrotoluene	7.838	165	116552	178.47	ng	73

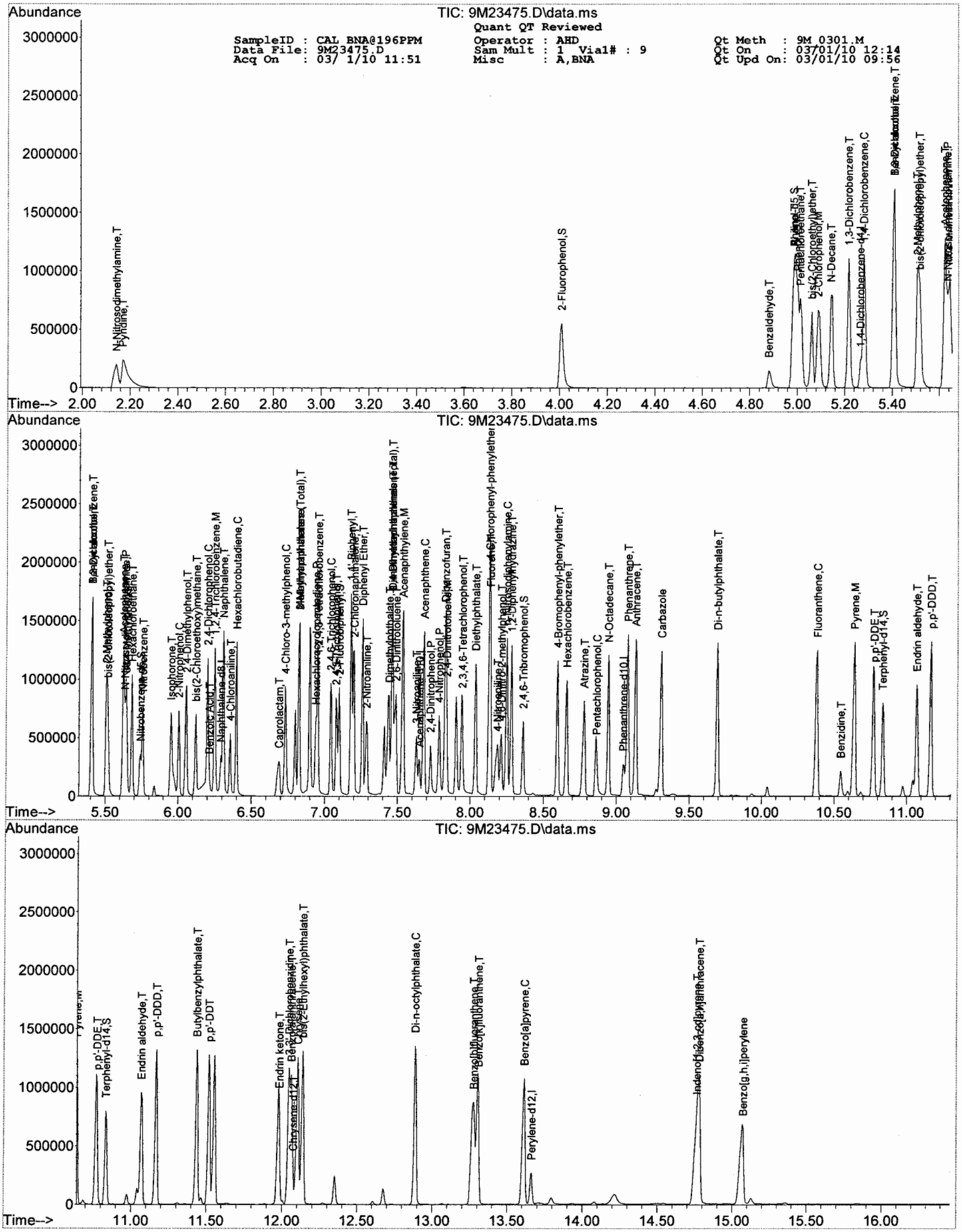
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23475.D Sam Mult : 1 Vial# : 9 Qt On : 03/01/10 12:14
Acq On : 03/ 1/10 11:51 Misc : A,BNA Qt Upd On: 03/01/10 09:56

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	4-Nitrophenol	7.785	65	60905	161.54	ng	67
67)	2,3,4,6-Tetrachlorophenol	7.945	232	90257	203.22	ng	91
68)	Fluorene	8.138	166	348142	163.68	ng	98
69)	4-Chlorophenyl-phenyle...	8.132	204	161418	168.84	ng	93
70)	Diethylphthalate	8.036	149	394097	176.90	ng	99
71)	4-Nitroaniline	8.186	138	94735	179.12	ng	90
72)	Atrazine	8.780	200	110343	164.22	ng	100
74)	4,6-Dinitro-2-methylph...	8.213	198	75053	236.26	ng	37
75)	n-Nitrosodiphenylamine	8.250	169	310263	167.14	ng	98
77)	1,2-Diphenylhydrazine	8.282	77	461642	167.91	ng	93
78)	4-Bromophenyl-phenylether	8.598	248	105701	186.58	ng	88
79)	Hexachlorobenzene	8.662	284	102134	183.93	ng	79
80)	N-Octadecane	8.945	57	162466	77.50	ng	66
81)	Pentachlorophenol	8.865	266	52093	226.42	ng	95
82)	Phenanthrene	9.079	178	531306	168.05	ng	100
83)	Anthracene	9.133	178	541847	169.02	ng	100
84)	Carbazole	9.309	167	520417	167.92	ng	98
85)	Di-n-butylphthalate	9.694	149	701200	170.43	ng	100
86)	Fluoranthene	10.384	202	587461	174.01	ng	85
88)	Pyrene	10.641	202	615653	191.76	ng	85
89)	Benzidine	10.545	184	77956	76.34	ng	82
91)	p,p'-DDE	10.775	246	131772	182.19	ng	89
92)	Endrin	11.069	81	49555	214.49	ng	79
93)	p,p'-DDD	11.170	235	215811	182.85	ng	87
94)	Butylbenzylphthalate	11.438	149	316311	185.99	ng	86
95)	Endrin aldehyde	11.069	67	12103	158.71	ng	73
96)	p,p'-DDT	11.518	235	200309	185.25	ng	92
97)	Endrin ketone	11.983	317	20772	206.59	ng	97
98)	3,3'-Dichlorobenzidine	12.048	252	120402	159.31	ng	95
99)	Benzo[a]anthracene	12.064	228	544769	183.27	ng	99
100)	Chrysene	12.106	228	506135	181.04	ng	99
101)	bis(2-Ethylhexyl)phtha...	12.138	149	447570	184.08	ng	98
103)	Di-n-octylphthalate	12.887	149	748633	176.35	ng	99
104)	Benzo[b]fluoranthene	13.278	252	556158	194.37	ng	93
105)	Benzo[k]fluoranthene	13.310	252	476505	176.83	ng	92
106)	Benzo[a]pyrene	13.615	252	499436	187.61	ng	93
107)	Indeno[1,2,3-cd]pyrene	14.765	276	513856	184.63	ng	90
108)	Dibenzo[a,h]anthracene	14.781	278	417721	187.22	ng	90
109)	Benzo[g,h,i]perylene	15.075	276	441033	186.02	ng	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed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Quant QT Reviewed
SampleID : CAL BNA@196PPM
Data File: 9M23475.D
Acq On : 03/ 1/10 11:51
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/01/10 12:14
Qt Upd On: 03/01/10 09:56
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Pentachloroethane,S
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
bis(2-Methylisobutyl)ether,T
Time-->

Abundance
TIC: 9M23475.D\data.ms
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
1,2,4-Trichlorobenzene,M
Naphthalene,T
Hexachlorobutadiene,C
4-Chloroaniline,T
Caprolactam,T
4-Chloro-3-methylphenol,C
2-Methylnaphthalene,T
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,C
2,4,5-Trichlorophenol,C
2-Chloronaphthalene,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
2,6-Dinitrotoluene,T
3-Nitroaniline,T
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
Dibenzofuran,T
2,3,4,6-Tetrachlorophenol,T
Diethylphthalate,T
Fluorene,C
4-Chlorophenyl-phenylether
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene,T
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23475.D\data.ms
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
Benzidine,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M23582.D **Instrument:** GCMS 9

Cont Calibration Date/Time 3/5/2010 12:19:00 P Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.20	40.00	40				0.000	0.00	
Pyridine	1	0		2.09	54.54	50			1.141	1.244	9.08	
N-Nitrosodimethylamine	1	0		2.05	60.31	50			0.667	0.805	20.62	
2-Fluorophenol	1	0	S	3.93	57.33	50			1.076	1.233	14.66	
Benzaldehyde	1	0		4.81	35.38	50			0.782	0.683	29.24	
Aniline	1	0		4.92	65.35	50			1.536	2.008	30.70	
Pentachloroethane	1	0		4.95	47.32	50			0.457	0.433	5.36	
bis(2-Chloroethyl)ether	1	0		4.99	53.26	50			1.107	1.180	6.52	
Phenol-d5	1	0	S	4.92	58.59	50			1.403	1.644	17.18	
Phenol	1	0	CC	4.93	58.87	50	20		1.527	1.798	17.74	
2-Chlorophenol	1	0		5.02	56.78	50			1.291	1.466	13.56	
N-Decane	1	0		5.08	53.43	50			0.880	0.940	6.86	
1.3-Dichlorobenzene	1	0		5.15	53.03	50			1.432	1.519	6.06	
1.4-Dichlorobenzene	1	0	CC	5.22	54.51	50	20		1.435	1.564	9.02	
1.2-Dichlorobenzene	1	0		5.34	53.08	50			1.377	1.462	6.16	
Benzyl alcohol	1	0		5.34	63.61	50			0.702	0.892	27.22	
bis(2-chloroisopropyl)ether	1	0		5.45	63.58	50			1.145	1.456	27.16	
2-Methylphenol	1	0		5.44	60.02	50			1.066	1.279	20.04	
Acetophenone	1	0		5.55	57.35	50			1.643	1.884	14.70	
Hexachloroethane	1	0		5.62	52.41	50			0.641	0.672	4.82	
N-Nitroso-di-n-propylamine	1	0	CP	5.56	58.55	50	0.05		0.948	1.110	17.10	
3&4-Methylphenol	1	0		5.58	62.10	50			1.119	1.390	24.20	
Naphthalene-d8	1	0	I	6.23	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.67	27.27	25			0.168	0.183	9.08	
Nitrobenzene	1	0		5.69	53.46	50			0.374	0.400	6.92	
Isophorone	1	0		5.88	53.02	50			0.657	0.697	6.04	
2-Nitrophenol	1	0	CC	5.94	52.87	50	20		0.186	0.196	5.74	
2.4-Dimethylphenol	1	0		5.99	53.22	50			0.357	0.380	6.44	
Benzoic Acid	1	0		6.09	57.79	50			0.192	0.215	15.58	
bis(2-Chloroethoxy)methane	1	0		6.05	53.95	50			0.363	0.392	7.90	
2.4-Dichlorophenol	1	0	CC	6.13	51.38	50	20		0.290	0.298	2.76	
1.2.4-Trichlorobenzene	1	0		6.19	51.53	50			0.336	0.346	3.06	
Naphthalene	1	0		6.24	52.80	50			1.018	1.075	5.60	
4-Chloroaniline	1	0		6.29	61.07	50			0.323	0.462	22.14	
Hexachlorobutadiene	1	0	CC	6.34	46.82	50	20		0.192	0.180	6.36	
Caprolactam	1	0		6.58	65.33	50			0.104	0.135	30.66	
4-Chloro-3-methylphenol	1	0	CC	6.67	52.98	50	20		0.299	0.316	5.96	
2-Methylnaphthalene	1	0		6.76	52.30	50			0.695	0.727	4.60	
Methylnaphthalenes	1	0		6.76	52.30	50	20			0.727	4.60	
1.1'-Biphenyl	1	0		7.11	54.04	50			0.863	0.933	8.08	
Acenaphthene-d10	1	0	I	7.57	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		6.89	48.09	50			0.599	0.577	3.82	
Hexachlorocyclopentadiene	1	0	CP	6.87	32.24	50	0.05		0.130	0.063	35.52	
2.4.6-Trichlorophenol	1	0	CC	6.98	51.84	50	20		0.350	0.363	3.68	
2.4.5-Trichlorophenol	1	0		7.01	55.05	50			0.372	0.409	10.10	
2-Fluorobiphenyl	1	0	S	7.03	25.79	25			1.368	1.412	3.16	
2-Chloronaphthalene	1	0		7.13	51.31	50			1.171	1.202	2.62	
1.4-Dimethylnaphthalene	1	0		7.39	54.48	50			0.907	0.940	8.96	
Dimethylnaphthalenes	1	0		7.39	54.48	50	20			0.940	8.96	
Diphenyl Ether	1	0		7.19	51.61	50			0.820	0.846	3.22	
2-Nitroaniline	1	0		7.21	54.98	50			0.344	0.379	9.96	
Acenaphthylene	1	0		7.46	52.85	50			1.884	1.991	5.70	
Dimethylphthalate	1	0		7.36	52.26	50			1.400	1.463	4.52	
2.6-Dinitrotoluene	1	0		7.41	53.04	50			0.304	0.322	6.08	
Acenaphthene	1	0	CC	7.60	53.87	50	20		1.188	1.280	7.74	
3-Nitroaniline	1	0		7.54	62.54	50			0.287	0.359	25.08	
2.4-Dinitrophenol	1	0	CP	7.65	51.10	50	0.05		0.148	0.147	2.20	
Dibenzofuran	1	0		7.75	52.77	50			1.610	1.700	5.54	
2.4-Dinitrotoluene	1	0		7.75	53.34	50			0.422	0.450	6.68	
4-Nitrophenol	1	0	CP	7.70	58.21	50	0.05		0.188	0.219	16.42	
2.3.4.6-Tetrachlorophenol	1	0		7.86	51.50	50			0.303	0.312	3.00	
Fluorene	1	0		8.05	53.68	50			1.323	1.420	7.36	
4-Chlorophenyl-phenylether	1	0		8.05	52.77	50			0.628	0.662	5.54	
Diethylphthalate	1	0		7.95	53.31	50			1.428	1.522	6.62	
4-Nitroaniline	1	0		8.08	54.30	50			0.335	0.364	8.60	
Atrazine	1	0		8.68	51.52	50			0.406	0.418	3.04	
Phenanthrene-d10	1	0	I	8.96	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.12	56.14	50			0.137	0.154	12.28	
n-Nitrosodiphenylamine	1	0	CC	8.16	53.75	50	20		0.688	0.740	7.50	
2.4.6-Tribromophenol	1	0	S	8.28	61.50	50			0.074	0.091	23.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M23582.D **Instrument:** GCMS 9

Cont Calibration Date/Time 3/5/2010 12:19:00 P Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenylhydrazine	1	0		8.20	52.25	50			0.990	1.034	4.50	
4-Bromophenyl-phenylether	1	0		8.51	55.35	50			0.223	0.247	10.70	
Hexachlorobenzene	1	0		8.57	56.37	50			0.222	0.250	12.74	
N-Octadecane	1	0		8.86	57.63	50			0.356	0.411	15.26	
Pentachlorophenol	1	0	CC	8.77	48.11	50	20		0.087	0.083	3.78	
Phenanthrene	1	0		8.99	52.57	50			1.165	1.224	5.14	
Anthracene	1	0		9.04	53.00	50			1.196	1.268	6.00	
Carbazole	1	0		9.21	54.64	50			1.117	1.221	9.28	
Di-n-butylphthalate	1	0		9.61	55.45	50			1.504	1.667	10.90	
Fluoranthene	1	0	CC	10.28	54.03	50	20		1.268	1.371	8.06	
Chrysene-d12	1	0	I	11.97	40.00	40				0.000	0.00	
Pyrene	1	0		10.54	45.30	50			1.610	1.459	9.40	
Benzidine	1	0		10.45	36.39	50			0.449	0.419	27.22	
Terphenyl-d14	1	0	S	10.74	24.16	25			1.148	1.109	3.36	
p,p'-DDE	1	0		10.68	48.85				0.339			
Endrin	1	0		10.97	44.53	50			0.125	0.112	10.94	
p,p'-DDD	1	0		11.07	49.46				0.550			
Butylbenzylphthalate	1	0		11.34	49.86	50			0.786	0.784	0.28	
Endrin aldehyde	1	0		10.97	45.40				0.031			
p,p'-DDT	1	0		11.42	47.77				0.507			
Endrin ketone	1	0		11.88	53.42				0.052			
3,3'-Dichlorobenzidine	1	0		11.94	52.87	50			0.412	0.435	5.74	
Benzo[a]anthracene	1	0		11.96	48.99	50			1.453	1.424	2.02	
Chrysene	1	0		12.00	47.75	50			1.391	1.328	4.50	
bis(2-Ethylhexyl)phthalate	1	0		12.05	47.61	50			1.153	1.098	4.78	
Perylene-d12	1	0	I	13.56	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.79	45.84	50	20		1.765	1.619	8.32	
Benzo[b]fluoranthene	1	0		13.17	48.51	50			1.334	1.294	2.98	
Benzo[k]fluoranthene	1	0		13.20	50.87	50			1.249	1.271	1.74	
Benzo[a]pyrene	1	0	CC	13.51	48.89	50	20		1.245	1.218	2.22	
Indeno[1,2,3-cd]pyrene	1	0		14.63	52.56	50			1.255	1.320	5.12	
Dibenzo[a,h]anthracene	1	0		14.65	53.72	50			1.040	1.117	7.44	
Benzo[g,h,i]perylene	1	0		14.92	49.36	50			1.092	1.078	1.28	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.695	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.907	0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23582.D Sam Mult : 1 Vial# : 2 Qt On : 03/05/10 12:37
Acq On : 03/ 5/10 12:19 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	26388	40.00	ng	-0.06
29) Naphthalene-d8	6.228	136	105590	40.00	ng	-0.06
47) Acenaphthene-d10	7.571	164	60944	40.00	ng	-0.07
73) Phenanthrene-d10	8.961	188	105196	40.00	ng	-0.08
87) Chrysene-d12	11.967	240	104814	40.00	ng	-0.09
102) Perylene-d12	13.561	264	118050	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.928	112	40676	57.33	ng	-0.08
Spiked Amount 100.000			Recovery = 57.33%			
15) Phenol-d5	4.918	99	54215	58.59	ng	-0.06
Spiked Amount 100.000			Recovery = 58.59%			
30) Nitrobenzene-d5	5.672	128	12067	27.27	ng	-0.06
Spiked Amount 50.000			Recovery = 54.54%			
52) 2-Fluorobiphenyl	7.031	172	53774	25.79	ng	-0.06
Spiked Amount 50.000			Recovery = 51.58%			
76) 2,4,6-Tribromophenol	8.277	330	12026	61.50	ng	-0.08
Spiked Amount 100.000			Recovery = 61.50%			
90) Terphenyl-d14	10.737	244	72660	24.16	ng	-0.09
Spiked Amount 50.000			Recovery = 48.32%			
Target Compounds						Qvalue
8) Pyridine	2.088	79	41040	54.54	ng	64
9) N-Nitrosodimethylamine	2.046	74	26549	60.31	ng	83
11) Benzaldehyde	4.811	77	22539	35.38	ng	81
12) Aniline	4.918	93	66234	65.35	ng	18
13) Pentachloroethane	4.950	117	14280	47.32	ng	73
14) bis(2-Chloroethyl)ether	4.987	93	38909	53.26	ng	83
16) Phenol	4.929	94	59318	58.87	ng	95
17) 2-Chlorophenol	5.019	128	48355	56.78	ng	78
18) N-Decane	5.078	57	31008	53.43	ng	65
19) 1,3-Dichlorobenzene	5.148	146	50093	53.03	ng	99
20) 1,4-Dichlorobenzene	5.217	146	51598	54.51	ng	96
21) 1,2-Dichlorobenzene	5.340	146	48221	53.08	ng	95
22) Benzyl alcohol	5.335	108	29438	63.61	ng	84
23) bis(2-chloroisopropyl)...	5.453	45	48037	63.58	ng	62
24) 2-Methylphenol	5.442	108	42196	60.02	ng	89
25) Acetophenone	5.549	105	62157	57.35	ng	70
26) Hexachloroethane	5.619	117	22175	52.41	ng	92
27) N-Nitroso-di-n-propyla...	5.560	70	36622	58.55	ng	76
28) 3&4-Methylphenol	5.576	108	45845	62.10	ng	96
31) Nitrobenzene	5.688	77	52828	53.46	ng	81
32) Isophorone	5.881	82	91944	53.02	ng	81
33) 2-Nitrophenol	5.939	139	25900	52.87	ng	93
34) 2,4-Dimethylphenol	5.988	107	50182	53.22	ng	97
35) Benzoic Acid	6.095	105	28424m	57.79	ng	
36) bis(2-Chloroethoxy)met...	6.052	93	51711	53.95	ng	97
37) 2,4-Dichlorophenol	6.132	162	39294	51.38	ng	85
38) 1,2,4-Trichlorobenzene	6.185	180	45677	51.53	ng	94
39) Naphthalene	6.244	128	141919	52.80	ng	99
40) 4-Chloroaniline	6.292	127	61034	61.07	ng	100
41) Hexachlorobutadiene	6.335	225	23705	46.82	ng	95
42) Caprolactam	6.576	113	17861	65.33	ng	61
43) 4-Chloro-3-methylphenol	6.667	107	41761	52.98	ng	75
44) 2-Methylnaphthalene	6.758	142	95940	52.30	ng	95
45) Methylnaphthalenes (To...	6.758	142	95940	52.30	ng	95
46) 1,1'-Biphenyl	7.111	154	123098	54.04	ng	94
48) 1,2,4,5-Tetrachloroben...	6.886	216	43920	48.09	ng	95
49) Hexachlorocyclopentadiene	6.870	237	4819	32.24	ng	97
50) 2,4,6-Trichlorophenol	6.977	196	27632	51.84	ng	95
51) 2,4,5-Trichlorophenol	7.009	196	31184	55.05	ng	98
53) 2-Chloronaphthalene	7.127	162	91534	51.31	ng	97
54) 1,4-Dimethylnaphthalene	7.389	156	71604	54.48	ng	93
55) Dimethylnaphthalenes (...	7.389	156	71604	54.48	ng	93
56) Diphenyl Ether	7.191	170	64486	51.61	ng	87
57) 2-Nitroaniline	7.212	65	28841	54.98	ng	57
58) Acenaphthylene	7.458	152	151701	52.85	ng	98
59) Dimethylphthalate	7.357	163	111453	52.26	ng	99
60) 2,6-Dinitrotoluene	7.410	165	24562	53.04	ng	57
61) Acenaphthene	7.598	153	97545	53.87	ng	93
62) 3-Nitroaniline	7.544	138	27360	62.54	ng	75
63) 2,4-Dinitrophenol	7.646	184	11217	51.10	ng	79
64) Dibenzofuran	7.747	168	129493	52.77	ng	93
65) 2,4-Dinitrotoluene	7.747	165	34304	53.34	ng	87

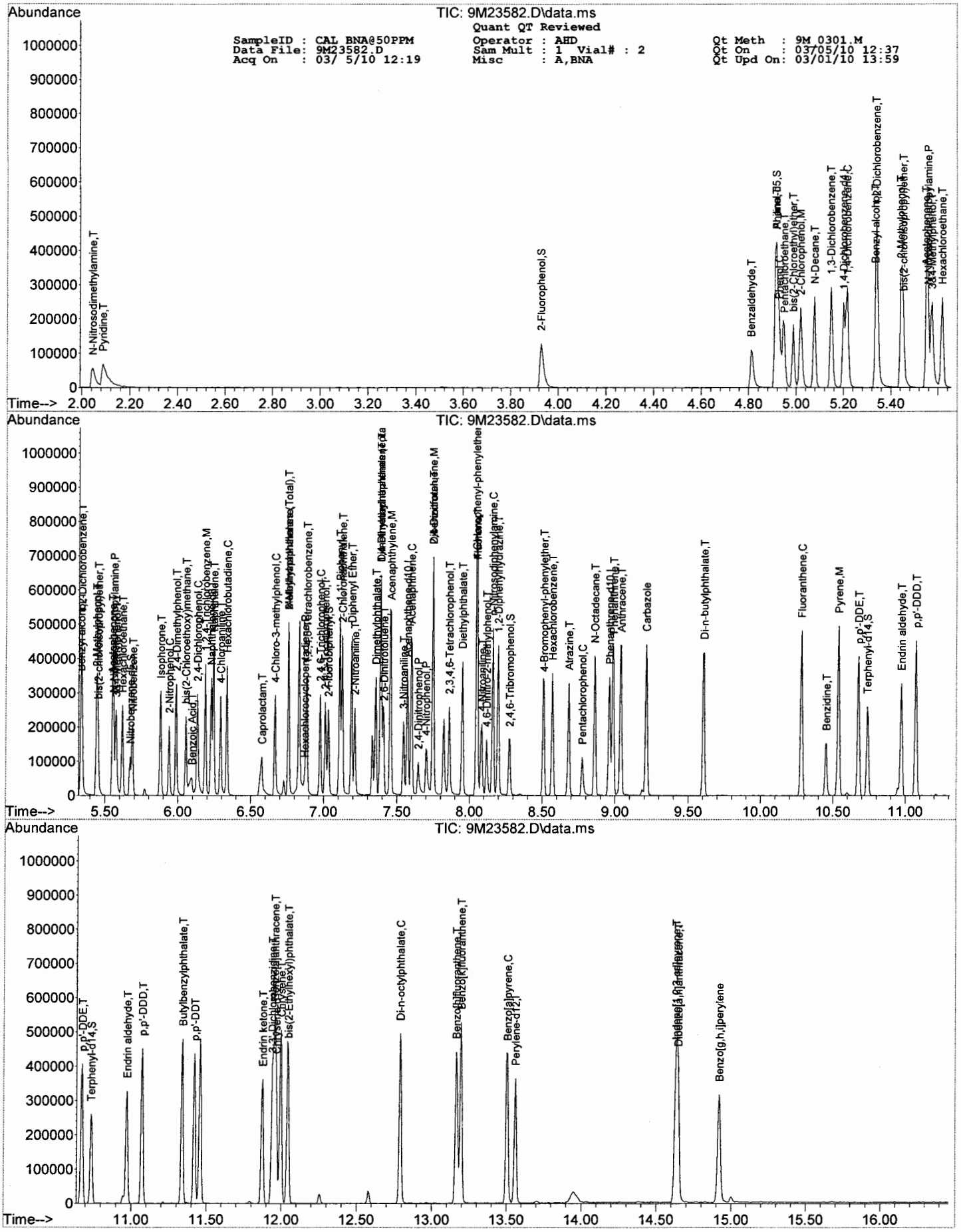
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23582.D Sam Mult : 1 Vial# : 2 Qt On : 03/05/10 12:37
Acq On : 03/ 5/10 12:19 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	7.699	65	16666	58.21	ng	72
67) 2,3,4,6-Tetrachlorophenol	7.860	232	23752	51.50	ng	89
68) Fluorene	8.052	166	108161	53.68	ng	98
69) 4-Chlorophenyl-phenyle...	8.047	204	50460	52.77	ng	94
70) Diethylphthalate	7.951	149	115979	53.31	ng	97
71) 4-Nitroaniline	8.084	138	27710	54.30	ng	91
72) Atrazine	8.683	200	31868	51.52	ng	97
74) 4,6-Dinitro-2-methylph...	8.116	198	20256	56.14	ng	44
75) n-Nitrosodiphenylamine	8.159	169	97284	53.75	ng	98
77) 1,2-Diphenylhydrazine	8.197	77	135998	52.25	ng	94
78) 4-Bromophenyl-phenylether	8.512	248	32428	55.35	ng	84
79) Hexachlorobenzene	8.571	284	32913	56.37	ng	68
80) N-Octadecane	8.860	57	54025	57.63	ng	69
81) Pentachlorophenol	8.774	266	10884	48.11	ng	93
82) Phenanthrene	8.988	178	161015	52.57	ng	98
83) Anthracene	9.042	178	166732	53.00	ng	99
84) Carbazole	9.213	167	160516	54.64	ng	98
85) Di-n-butylphthalate	9.609	149	219267	55.45	ng	98
86) Fluoranthene	10.283	202	180255	54.03	ng	90
88) Pyrene	10.539	202	191109	45.30	ng	90
89) Benzidine	10.454	184	54925	36.39	ng	80
91) p,p'-DDE	10.678	246	43357	48.85	ng	94
92) Endrin	10.973	81	14632	44.53	ng	72
93) p,p'-DDD	11.074	235	71328	49.46	ng	90
94) Butylbenzylphthalate	11.342	149	102657	49.86	ng	82
95) Endrin aldehyde	10.973	67	3634	45.40	ng	64
96) p,p'-DDT	11.422	235	63422	47.77	ng	91
97) Endrin ketone	11.876	317	7301	53.42	ng	90
98) 3,3'-Dichlorobenzidine	11.941	252	57030	52.87	ng	91
99) Benzo[a]anthracene	11.957	228	186563	48.99	ng	99
100) Chrysene	11.999	228	173982	47.75	ng	98
101) bis(2-Ethylhexyl)phtha...	12.048	149	143803	47.61	ng	98
103) Di-n-octylphthalate	12.791	149	238837	45.84	ng	100
104) Benzo[b]fluoranthene	13.165	252	191000	48.51	ng	94
105) Benzo[k]fluoranthene	13.198	252	187546	50.87	ng	93
106) Benzo[a]pyrene	13.508	252	179702	48.89	ng	93
107) Indeno[1,2,3-cd]pyrene	14.631	276	194713	52.56	ng	81
108) Dibenzo[a,h]anthracene	14.647	278	164811	53.72	ng	84
109) Benzo[g,h,i]perylene	14.920	276	159077	49.36	ng	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23582.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M23582.D
Acq On : 03/ 5/10 12:19
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/05/10 12:37
Qt Upd On: 03/01/10 13:59
N-Nitrosodimethylamine,T
Pyridine,T
2-Fluorophenol,S
Benzaldehyde,T
Phenol-d5,S
Phenol,T
Pentachloroethane,T
bis(2-Chloroethyl)ether,T
2-Chlorophenol,M
N-Decane,T
1,3-Dichlorobenzene,T
1,4-Dichlorobenzene,C
Benzyl alcohol,T
1,2-Dichlorobenzene,T
bis(2-chloroisopropyl)ether,T
Hexachloroethane,T
Time-->

Abundance
TIC: 9M23582.D\data.ms
Isophorone,T
2-Nitrophenol,C
2,4-Dimethylphenol,T
bis(2-Chloroethoxy)methane,T
2,4-Dichlorophenol,C
Benzoic Acid,T
Naphthalene-d8,I
Naphthalene,T
4-Chloroaniline,T
Hexachlorobutadiene,C
Caprolactam,T
4-Chloro-3-methylphenol,C
Hexachlorocyclopentadiene,T
2,4,6-Trichlorophenol,C
2-Fluorobiphenyl,S
2-Chloronaphthalene,T
Diphenyl Ether,T
2-Nitroaniline,T
Dimethylphthalate,T
Acenaphthylene,M
2,6-Dinitrotoluene,T
3-Nitroaniline,T
Acenaphthene-d10,I
Acenaphthene,C
2,4-Dinitrophenol,P
4-Nitrophenol,P
Dibenzofuran,T
2,4-Dinitrotoluene,T
Diethylphthalate,T
2,3,4,6-Tetrachlorophenol,T
Fluorene,T
4-Chlorophenyl-phenylether,T
4-Nitroaniline,T
4,6-Dinitro-2-methylphenol,T
1,2-Diphenylhydrazine,C
2,4,6-Tribromophenol,S
4-Bromophenyl-phenylether,T
Hexachlorobenzene,T
Atrazine,T
Pentachlorophenol,C
N-Octadecane,T
Phenanthrene-d10,I
Anthracene,T
Carbazole
Di-n-butylphthalate,T
Fluoranthene,C
Benzidine,T
Pyrene,M
Terphenyl-d14,S
p,p'-DDE,T
Endrin aldehyde,T
p,p'-DDD,T
Time-->

Abundance
TIC: 9M23582.D\data.ms
p,p'-DDE,T
Terphenyl-d14,S
Endrin aldehyde,T
p,p'-DDD,T
Butylbenzylphthalate,T
p,p'-DDT
Endrin ketone,T
bis(2-Ethylhexyl)phthalate,T
Di-n-octylphthalate,C
Benzo[b]fluoranthene,T
Benzo[k]fluoranthene,T
Benzo[a]pyrene,C
Perylene-d12,I
Indeno[1,2,3-cd]pyrene,T
Dibenz[a,h]anthracene,T
Benzo[g,h,i]perylene
Time-->

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M23608.D **Instrument:** GCMS 9

Cont Calibration Date/Time 3/8/2010 8:55:00 A Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.4-Dichlorobenzene-d4	1	0	I	5.19	40.00	40				0.000	0.00	
Pyridine	1	0		2.07	51.97	50			1.141	1.185	3.94	
N-Nitrosodimethylamine	1	0		2.02	56.20	50			0.667	0.750	12.40	
2-Fluorophenol	1	0	S	3.91	51.68	50			1.076	1.112	3.36	
Benzaldehyde	1	0		4.80	38.44	50			0.782	0.728	23.12	
Aniline	1	0		4.90	58.86	50			1.536	1.809	17.72	
Pentachloroethane	1	0		4.93	47.22	50			0.457	0.432	5.56	
bis(2-Chloroethyl)ether	1	0		4.98	53.63	50			1.107	1.188	7.26	
Phenol-d5	1	0	S	4.90	55.16	50			1.403	1.547	10.32	
Phenol	1	0	CC	4.92	52.44	50	20		1.527	1.602	4.88	
2-Chlorophenol	1	0		5.01	51.42	50			1.291	1.327	2.84	
N-Decane	1	0		5.06	53.52	50			0.880	0.942	7.04	
1.3-Dichlorobenzene	1	0		5.14	50.08	50			1.432	1.434	0.16	
1.4-Dichlorobenzene	1	0	CC	5.20	52.38	50	20		1.435	1.503	4.76	
1.2-Dichlorobenzene	1	0		5.33	49.42	50			1.377	1.361	1.16	
Benzyl alcohol	1	0		5.32	57.78	50			0.702	0.811	15.56	
bis(2-chloroisopropyl)ether	1	0		5.44	61.22	50			1.145	1.402	22.44	
2-Methylphenol	1	0		5.43	53.33	50			1.066	1.137	6.66	
Acetophenone	1	0		5.54	51.10	50			1.643	1.679	2.20	
Hexachloroethane	1	0		5.60	49.60	50			0.641	0.636	0.80	
N-Nitroso-di-n-propylamine	1	0	CP	5.54	53.03	50	0.05		0.948	1.006	6.06	
3&4-Methylphenol	1	0		5.57	55.66	50			1.119	1.246	11.32	
Naphthalene-d8	1	0	I	6.22	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.66	24.64	25			0.168	0.165	1.44	
Nitrobenzene	1	0		5.67	47.90	50			0.374	0.359	4.20	
Isophorone	1	0		5.86	48.56	50			0.657	0.638	2.88	
2-Nitrophenol	1	0	CC	5.93	50.01	50	20		0.186	0.186	0.02	
2.4-Dimethylphenol	1	0		5.98	48.95	50			0.357	0.350	2.10	
Benzoic Acid	1	0		6.08	50.45	50			0.192	0.184	0.90	
bis(2-Chloroethoxy)methane	1	0		6.04	50.54	50			0.363	0.367	1.08	
2.4-Dichlorophenol	1	0	CC	6.12	49.36	50	20		0.290	0.286	1.28	
1.2.4-Trichlorobenzene	1	0		6.17	47.99	50			0.336	0.322	4.02	
Naphthalene	1	0		6.23	49.79	50			1.018	1.014	0.42	
4-Chloroaniline	1	0		6.28	52.48	50			0.323	0.408	4.96	
Hexachlorobutadiene	1	0	CC	6.32	47.42	50	20		0.192	0.182	5.16	
Caprolactam	1	0		6.57	58.16	50			0.104	0.120	16.32	
4-Chloro-3-methylphenol	1	0	CC	6.66	47.53	50	20		0.299	0.284	4.94	
2-Methylnaphthalene	1	0		6.75	49.23	50			0.695	0.684	1.54	
Methylnaphthalenes	1	0		6.75	49.23	50	20			0.684	1.54	
1.1'-Biphenyl	1	0		7.11	47.98	50			0.863	0.828	4.04	
Acenaphthene-d10	1	0	I	7.57	40.00	40				0.000	0.00	
1.2.4.5-Tetrachlorobenzene	1	0		6.88	44.89	50			0.599	0.538	10.22	
Hexachlorocyclopentadiene	1	0	CP	6.87	27.72	50	0.05		0.130	0.053	44.56	
2.4.6-Trichlorophenol	1	0	CC	6.97	45.17	50	20		0.350	0.316	9.66	
2.4.5-Trichlorophenol	1	0		7.01	47.06	50			0.372	0.350	5.88	
2-Fluorobiphenyl	1	0	S	7.03	23.30	25			1.368	1.275	6.80	
2-Chloronaphthalene	1	0		7.12	47.13	50			1.171	1.104	5.74	
1.4-Dimethylnaphthalene	1	0		7.38	49.77	50			0.907	0.861	0.46	
Dimethylnaphthalenes	1	0		7.38	49.77	50	20			0.861	0.46	
Diphenyl Ether	1	0		7.19	49.25	50			0.820	0.808	1.50	
2-Nitroaniline	1	0		7.21	52.46	50			0.344	0.361	4.92	
Acenaphthylene	1	0		7.45	47.06	50			1.884	1.773	5.88	
Dimethylphthalate	1	0		7.35	46.15	50			1.400	1.292	7.70	
2.6-Dinitrotoluene	1	0		7.41	50.43	50			0.304	0.307	0.86	
Acenaphthene	1	0	CC	7.60	48.49	50	20		1.188	1.153	3.02	
3-Nitroaniline	1	0		7.54	55.77	50			0.287	0.320	11.54	
2.4-Dinitrophenol	1	0	CP	7.64	46.95	50	0.05		0.148	0.134	6.10	
Dibenzofuran	1	0		7.74	47.67	50			1.610	1.535	4.66	
2.4-Dinitrotoluene	1	0		7.74	46.95	50			0.422	0.396	6.10	
4-Nitrophenol	1	0	CP	7.70	51.27	50	0.05		0.188	0.193	2.54	
2.3.4.6-Tetrachlorophenol	1	0		7.85	48.67	50			0.303	0.295	2.66	
Fluorene	1	0		8.05	48.60	50			1.323	1.285	2.80	
4-Chlorophenyl-phenylether	1	0		8.04	45.98	50			0.628	0.577	8.04	
Diethylphthalate	1	0		7.95	46.93	50			1.428	1.340	6.14	
4-Nitroaniline	1	0		8.07	50.66	50			0.335	0.339	1.32	
Atrazine	1	0		8.68	44.12	50			0.406	0.358	11.76	
Phenanthrene-d10	1	0	I	8.95	40.00	40				0.000	0.00	
4.6-Dinitro-2-methylphenol	1	0		8.11	50.03	50			0.137	0.137	0.06	
n-Nitrosodiphenylamine	1	0	CC	8.15	49.68	50	20		0.688	0.684	0.64	
2.4.6-Tribromophenol	1	0	S	8.27	57.80	50			0.074	0.086	15.60	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F. **625 limits are compared against the %DIFF.**

624 limits are compared against the concentration found. **524.2 limits are compared against the %DIFF**

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM **Data File:** 9M23608.D **Instrument:** GCMS 9

Cont Calibration Date/Time 3/8/2010 8:55:00 A Method: EPA 8270C

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1.2-Diphenylhydrazine	1	0		8.19	48.67	50			0.990	0.963	2.66	
4-Bromophenyl-phenylether	1	0		8.50	51.77	50			0.223	0.231	3.54	
Hexachlorobenzene	1	0		8.57	53.27	50			0.222	0.237	6.54	
N-Octadecane	1	0		8.85	55.48	50			0.356	0.396	10.96	
Pentachlorophenol	1	0	CC	8.76	51.47	50	20		0.087	0.089	2.94	
Phenanthrene	1	0		8.97	49.57	50			1.165	1.155	0.86	
Anthracene	1	0		9.03	48.98	50			1.196	1.172	2.04	
Carbazole	1	0		9.20	50.51	50			1.117	1.128	1.02	
Di-n-butylphthalate	1	0		9.59	48.93	50			1.504	1.471	2.14	
Fluoranthene	1	0	CC	10.27	49.22	50	20		1.268	1.249	1.56	
Chrysene-d12	1	0	I	11.95	40.00	40				0.000	0.00	
Pyrene	1	0		10.52	43.23	50			1.610	1.392	13.54	
Benzidine	1	0		10.44	39.07	50			0.449	0.442	21.86	
Terphenyl-d14	1	0	S	10.72	23.21	25			1.148	1.066	7.16	
p,p'-DDE	1	0		10.66	49.48				0.339			
Endrin	1	0		10.95	38.16	50			0.125	0.096	23.68	
p,p'-DDD	1	0		11.06	46.21				0.550			
Butylbenzylphthalate	1	0		11.33	47.09	50			0.786	0.740	5.82	
Endrin aldehyde	1	0		10.95	43.38				0.031			
p,p'-DDT	1	0		11.41	45.25				0.507			
Endrin ketone	1	0		11.86	59.32				0.052			
3,3'-Dichlorobenzidine	1	0		11.92	52.89	50			0.412	0.435	5.78	
Benzo[a]anthracene	1	0		11.94	45.40	50			1.453	1.320	9.20	
Chrysene	1	0		11.98	44.01	50			1.391	1.224	11.98	
bis(2-Ethylhexyl)phthalate	1	0		12.03	44.64	50			1.153	1.029	10.72	
Perylene-d12	1	0	I	13.54	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.78	43.29	50	20		1.765	1.528	13.42	
Benzo[b]fluoranthene	1	0		13.15	44.34	50			1.334	1.183	11.32	
Benzo[k]fluoranthene	1	0		13.18	48.04	50			1.249	1.200	3.92	
Benzo[a]pyrene	1	0	CC	13.49	45.98	50	20		1.245	1.145	8.04	
Indeno[1,2,3-cd]pyrene	1	0		14.61	49.12	50			1.255	1.233	1.76	
Dibenzo[a,h]anthracene	1	0		14.62	50.24	50			1.040	1.045	0.48	
Benzo[g,h,i]perylene	1	0		14.89	47.08	50			1.092	1.028	5.84	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
2,2'-oxybis-(1-Chloropropane)	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.907	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.695	0.000	100.00	

CC - Continuing Calibration Check Compound CP - System Performance Check Compound I - Internal Standard

N/O or N/O - Not applicable for this run * - Failed the C or P Criteria ** - No limit specified in method

Note:

8260/8270 limits are compared against the %DIFF/R.F.

624 limits are compared against the concentration found.

625 limits are compared against the %DIFF.

524.2 limits are compared against the %DIFF

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23608.D Sam Mult : 1 Via1# : 2 Qt On : 03/08/10 09:19
Acq On : 03/ 8/10 08:55 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.185	152	26239	40.00	ng	-0.08
29) Naphthalene-d8	6.218	136	102691	40.00	ng	-0.07
47) Acenaphthene-d10	7.571	164	59663	40.00	ng	-0.07
73) Phenanthrene-d10	8.951	188	98220	40.00	ng	-0.09
87) Chrysene-d12	11.946	240	94189	40.00	ng	-0.11
102) Perylene-d12	13.540	264	107535	40.00	ng	-0.12
System Monitoring Compounds						
10) 2-Fluorophenol	3.912	112	36460	51.68	ng	-0.10
Spiked Amount 100.000			Recovery = 51.68%			
15) Phenol-d5	4.902	99	50753	55.16	ng	-0.07
Spiked Amount 100.000			Recovery = 55.16%			
30) Nitrobenzene-d5	5.661	128	10607	24.64	ng	-0.07
Spiked Amount 50.000			Recovery = 49.28%			
52) 2-Fluorobiphenyl	7.031	172	47558	23.30	ng	-0.06
Spiked Amount 50.000			Recovery = 46.60%			
76) 2,4,6-Tribromophenol	8.266	330	10552	57.80	ng	-0.09
Spiked Amount 100.000			Recovery = 57.80%			
90) Terphenyl-d14	10.721	244	62732	23.21	ng	-0.11
Spiked Amount 50.000			Recovery = 46.42%			
Target Compounds						Qvalue
8) Pyridine	2.067	79	38879	51.97	ng	63
9) N-Nitrosodimethylamine	2.024	74	24602	56.20	ng	83
11) Benzaldehyde	4.800	77	23865	38.44	ng	85
12) Aniline	4.902	93	59322	58.86	ng	16
13) Pentachloroethane	4.934	117	14169	47.22	ng	82
14) bis(2-Chloroethyl)ether	4.977	93	38962	53.63	ng	83
16) Phenol	4.918	94	52541	52.44	ng	96
17) 2-Chlorophenol	5.009	128	43538	51.42	ng	74
18) N-Decane	5.062	57	30886	53.52	ng	68
19) 1,3-Dichlorobenzene	5.137	146	47039	50.08	ng	98
20) 1,4-Dichlorobenzene	5.201	146	49299	52.38	ng	96
21) 1,2-Dichlorobenzene	5.330	146	44644	49.42	ng	97
22) Benzyl alcohol	5.324	108	26590	57.78	ng	79
23) bis(2-chloroisopropyl)...	5.437	45	45992	61.22	ng	62
24) 2-Methylphenol	5.431	108	37282	53.33	ng	94
25) Acetophenone	5.538	105	55065	51.10	ng	66
26) Hexachloroethane	5.603	117	20866	49.60	ng	96
27) N-Nitroso-di-n-propyla...	5.544	70	32982	53.03	ng	93
28) 3&4-Methylphenol	5.565	108	40858	55.66	ng	100
31) Nitrobenzene	5.672	77	46033	47.90	ng	86
32) Isophorone	5.865	82	81898	48.56	ng	88
33) 2-Nitrophenol	5.929	139	23825	50.01	ng	91
34) 2,4-Dimethylphenol	5.977	107	44891	48.95	ng	89
35) Benzoic Acid	6.079	105	23637m	50.45	ng	
36) bis(2-Chloroethoxy)met...	6.041	93	47113	50.54	ng	93
37) 2,4-Dichlorophenol	6.121	162	36708	49.36	ng	86
38) 1,2,4-Trichlorobenzene	6.175	180	41371	47.99	ng	99
39) Naphthalene	6.234	128	130143	49.79	ng	99
40) 4-Chloroaniline	6.282	127	52329	52.48	ng	97
41) Hexachlorobutadiene	6.325	225	23351	47.42	ng	98
42) Caprolactam	6.565	113	15463	58.16	ng	62
43) 4-Chloro-3-methylphenol	6.662	107	36437	47.53	ng	72
44) 2-Methylnaphthalene	6.752	142	87823	49.23	ng	93
45) Methylnaphthalenes (To...	6.752	142	87823	49.23	ng	93
46) 1,1'-Biphenyl	7.105	154	106300	47.98	ng	95
48) 1,2,4,5-Tetrachloroben...	6.881	216	40136	44.89	ng	98
49) Hexachlorocyclopentadiene	6.870	237	3923	27.72	ng	94
50) 2,4,6-Trichlorophenol	6.972	196	23571	45.17	ng	97
51) 2,4,5-Trichlorophenol	7.009	196	26095	47.06	ng	94
53) 2-Chloronaphthalene	7.122	162	82324	47.13	ng	97
54) 1,4-Dimethylnaphthalene	7.384	156	64180	49.77	ng	95
55) Dimethylnaphthalenes (...	7.384	156	64180	49.77	ng	95
56) Diphenyl Ether	7.186	170	60250	49.25	ng	87
57) 2-Nitroaniline	7.207	65	26942	52.46	ng	77
58) Acenaphthylene	7.453	152	132249	47.06	ng	98
59) Dimethylphthalate	7.352	163	96345	46.15	ng	99
60) 2,6-Dinitrotoluene	7.405	165	22863	50.43	ng	58
61) Acenaphthene	7.598	153	85959	48.49	ng	94
62) 3-Nitroaniline	7.544	138	23884	55.77	ng	92
63) 2,4-Dinitrophenol	7.640	184	10007	46.95	ng	70
64) Dibenzofuran	7.742	168	114513	47.67	ng	91
65) 2,4-Dinitrotoluene	7.742	165	29560	46.95	ng	91

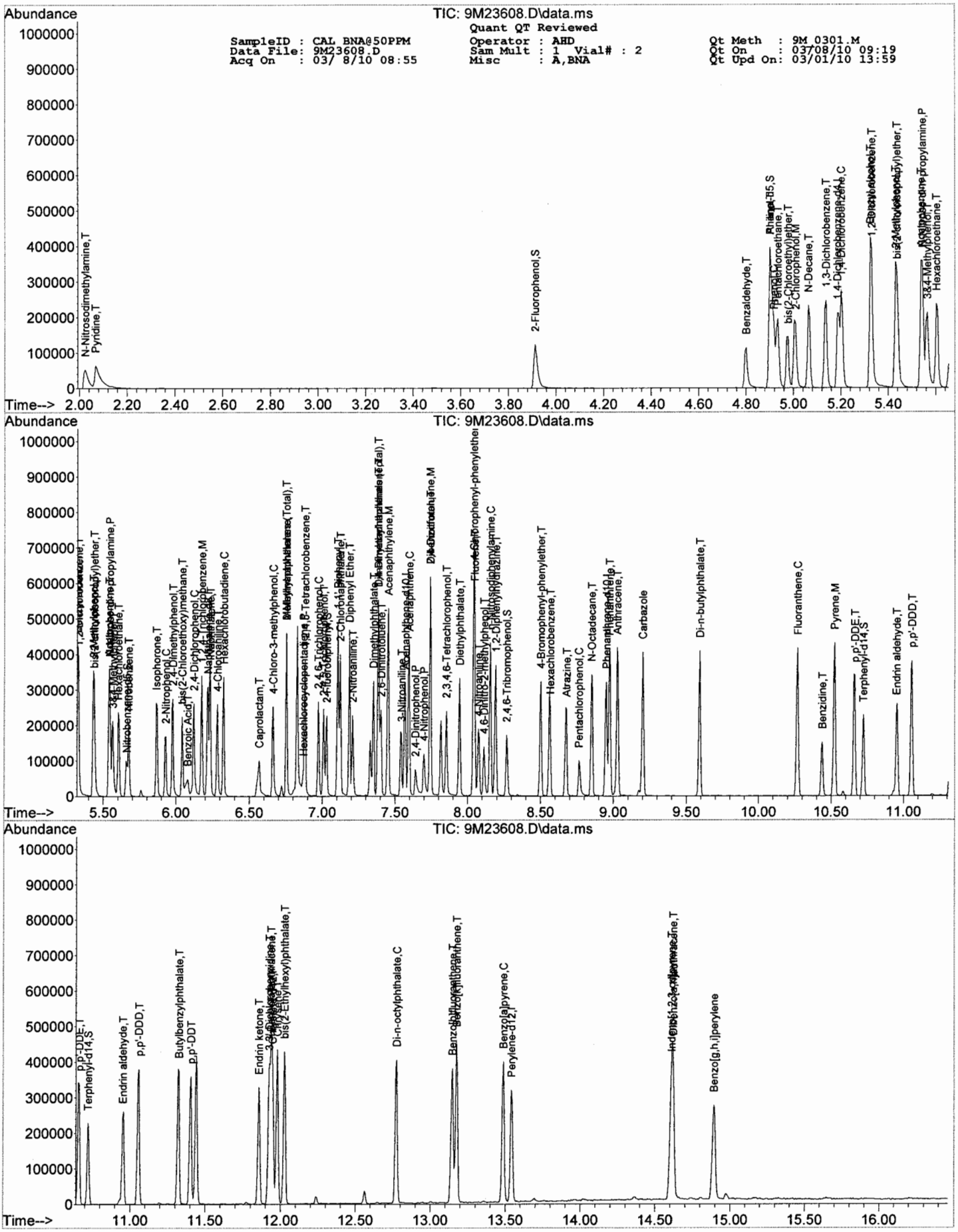
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23608.D Sam Mult : 1 Vial# : 2 Qt On : 03/08/10 09:19
Acq On : 03/ 8/10 08:55 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66)	4-Nitrophenol	7.699	65	14370	51.27	ng	67
67)	2,3,4,6-Tetrachlorophenol	7.854	232	21972	48.67	ng	82
68)	Fluorene	8.047	166	95862	48.60	ng	96
69)	4-Chlorophenyl-phenyle...	8.041	204	43040	45.98	ng	95
70)	Diethylphthalate	7.945	149	99958	46.93	ng	99
71)	4-Nitroaniline	8.074	138	25310	50.66	ng	89
72)	Atrazine	8.678	200	26717	44.12	ng	97
74)	4,6-Dinitro-2-methylph...	8.111	198	16856	50.03	ng	29
75)	n-Nitrosodiphenylamine	8.154	169	83969	49.68	ng	97
77)	1,2-Diphenylhydrazine	8.191	77	118287	48.67	ng	92
78)	4-Bromophenyl-phenylether	8.501	248	28320	51.77	ng	89
79)	Hexachlorobenzene	8.566	284	29041	53.27	ng	65
80)	N-Octadecane	8.849	57	48560	55.48	ng	70
81)	Pentachlorophenol	8.764	266	10932	51.47	ng	94
82)	Phenanthrene	8.972	178	141752	49.57	ng	98
83)	Anthracene	9.026	178	143850	48.98	ng	99
84)	Carbazole	9.202	167	138548	50.51	ng	97
85)	Di-n-butylphthalate	9.593	149	180659	48.93	ng	98
86)	Fluoranthene	10.267	202	153302	49.22	ng	91
88)	Pyrene	10.523	202	163910	43.23	ng	87
89)	Benzidine	10.438	184	52091	39.07	ng	82
91)	p,p'-DDE	10.662	246	39464	49.48	ng	90
92)	Endrin	10.951	81	11268	38.16	ng	70
93)	p,p'-DDD	11.058	235	59884	46.21	ng	87
94)	Butylbenzylphthalate	11.326	149	87110	47.09	ng	81
95)	Endrin aldehyde	10.951	67	3120	43.38	ng	76
96)	p,p'-DDT	11.406	235	53986	45.25	ng	92
97)	Endrin ketone	11.855	317	7286	59.32	ng	96
98)	3,3'-Dichlorobenzidine	11.925	252	51262	52.89	ng	94
99)	Benzo[a]anthracene	11.935	228	155359	45.40	ng	97
100)	Chrysene	11.978	228	144102	44.01	ng	98
101)	bis(2-Ethylhexyl)phtha...	12.026	149	121187	44.64	ng	99
103)	Di-n-octylphthalate	12.775	149	205453	43.29	ng	100
104)	Benzo[b]fluoranthene	13.149	252	159038	44.34	ng	94
105)	Benzo[k]fluoranthene	13.176	252	161328	48.04	ng	93
106)	Benzo[a]pyrene	13.486	252	153931	45.98	ng	91
107)	Indeno[1,2,3-cd]pyrene	14.610	276	165758	49.12	ng	81
108)	Dibenzo[a,h]anthracene	14.620	278	140422	50.24	ng	86
109)	Benzo[g,h,i]perylene	14.893	276	138217	47.08	ng	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23608.D\data.ms
Quant QT Reviewed
SampleID : CAL BNA@50PPM
Data File: 9M23608.D
Acq On : 03/ 8/10 08:55
Operator : AHD
Sam Mult : 1 Vial# : 2
Misc : A,BNA
Qt Meth : 9M_0301.M
Qt On : 03/08/10 09:19
Qt Upd On: 03/01/10 13:59
Time-->

GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP **Data File:** 9M23467.D
Instrument: GCMS 9 **Analysis Date:** 03/01/10 08:42
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.363 to 9.373 min

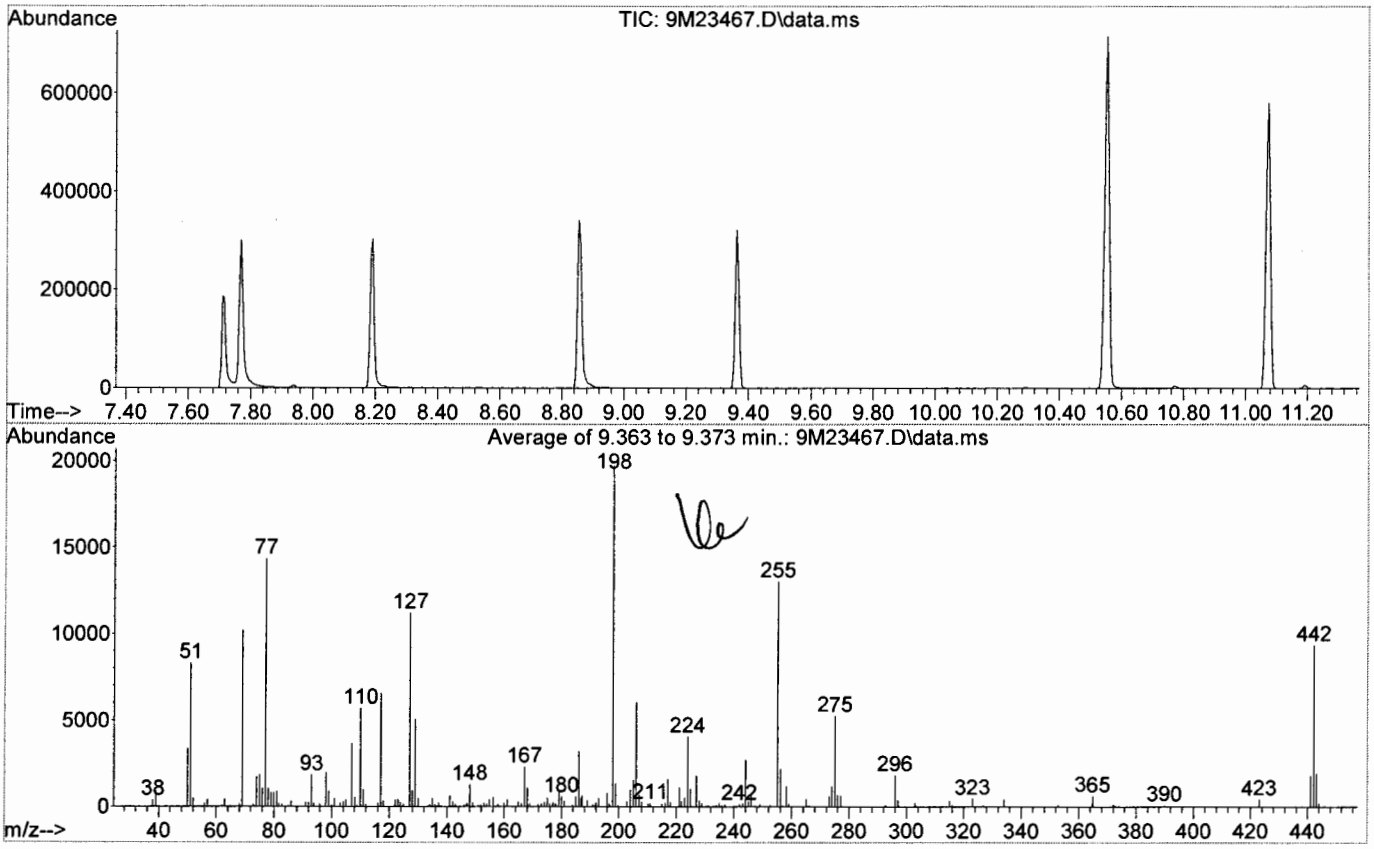
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	42.1	8304	PASS
68	69	0.00	2	1.4	143	PASS
69	198	0.00	100	51.7	10189	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	56.7	11178	PASS
197	198	0.00	1	0.4	79	PASS
198	198	100	100	100.0	19703	PASS
199	198	5	9	6.8	1332	PASS
275	198	10	30	26.6	5235	PASS
365	198	1	100	3.0	598	PASS
441	443	0.01	100	93.2	1780	PASS
442	198	40	100	47.4	9343	PASS
443	442	17	23	20.4	1910	PASS

Data File	Sample Number	Analysis Date:
9M23468.D	CAL BNA@50PPM	03/01/10 09:05
9M23469.D	CAL BNA@2PPM	03/01/10 09:34
9M23470.D	CAL BNA@10PPM	03/01/10 09:57
9M23471.D	CAL BNA@20PPM	03/01/10 10:20
9M23472.D	CAL BNA@80PPM	03/01/10 10:43
9M23473.D	CAL BNA@120PP	03/01/10 11:05
9M23474.D	CAL BNA@160PP	03/01/10 11:28
9M23475.D	CAL BNA@196PP	03/01/10 11:51
9M23476.D	CAL BNA@50PPM	03/01/10 12:44
9M23477.D	ICV BNA@50PPM	03/01/10 13:06
9M23478.D	SMB4427(MS)	03/01/10 13:45
9M23479.D	SMB4427	03/01/10 14:08
9M23480.D	OMB1357	03/01/10 14:30
9M23481.D	OMB1357(MS)	03/01/10 14:53
9M23482.D	SMB4425	03/01/10 15:15
9M23483.D	AC50015-006(2X)	03/01/10 15:38
9M23484.D	AC49952-001(5X)	03/01/10 16:01
9M23485.D	AC49987-013	03/01/10 16:23
9M23486.D	AC49987-014	03/01/10 16:46
9M23487.D	AC49987-015	03/01/10 17:08
9M23488.D	AC49987-016	03/01/10 17:31
9M23489.D	AC49987-024	03/01/10 17:53
9M23490.D	AC49987-028	03/01/10 18:16
9M23491.D	AC49987-029	03/01/10 18:39
9M23492.D	AC49968-001(3X)(	03/01/10 19:01
9M23493.D	AC49995-001(2X)	03/01/10 19:24
9M23494.D	AC50048-002(20X)	03/01/10 19:47
9M23495.D	AC50049-001(20X)	03/01/10 20:10
9M23496.D	AC50049-002(20X)	03/01/10 20:32
9M23497.D	AC50049-003(20X)	03/01/10 20:55

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-01-10\
Data File : 9M23467.D
Acq On : 1 Mar 2010 8:42
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0225.M
Title : @GCMS_9,mg,625,8270
Last Update : Tue Jan 26 13:16:11 2010



Spectrum Information: Average of 9.363 to 9.373 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	42.1	8304	PASS
68	69	0.00	2	1.4	143	PASS
69	198	0.00	100	51.7	10189	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	56.7	11178	PASS
197	198	0.00	1	0.4	79	PASS
198	198	100	100	100.0	19703	PASS
199	198	5	9	6.8	1332	PASS
275	198	10	30	26.6	5235	PASS
365	198	1	100	3.0	598	PASS
441	443	0.01	100	93.2	1780	PASS
442	198	40	100	47.4	9343	PASS
443	442	17	23	20.4	1910	PASS

Form 5

Tune Name: CAL DFTPP **Data File:** 9M23581.D
Instrument: GCMS 9 **Analysis Date:** 03/05/10 11:33
Method: EPA 8270C
Tune Scan/Time Range: Average of 9.272 to 9.283 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	50.0	15075	PASS
68	69	0.00	2	1.4	231	PASS
69	198	0.00	100	55.4	16723	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.0	16282	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	30173	PASS
199	198	5	9	7.5	2265	PASS
275	198	10	30	26.5	8001	PASS
365	198	1	100	3.1	950	PASS
441	443	0.01	100	70.1	2024	PASS
442	198	40	100	44.2	13336	PASS
443	442	17	23	21.7	2888	PASS

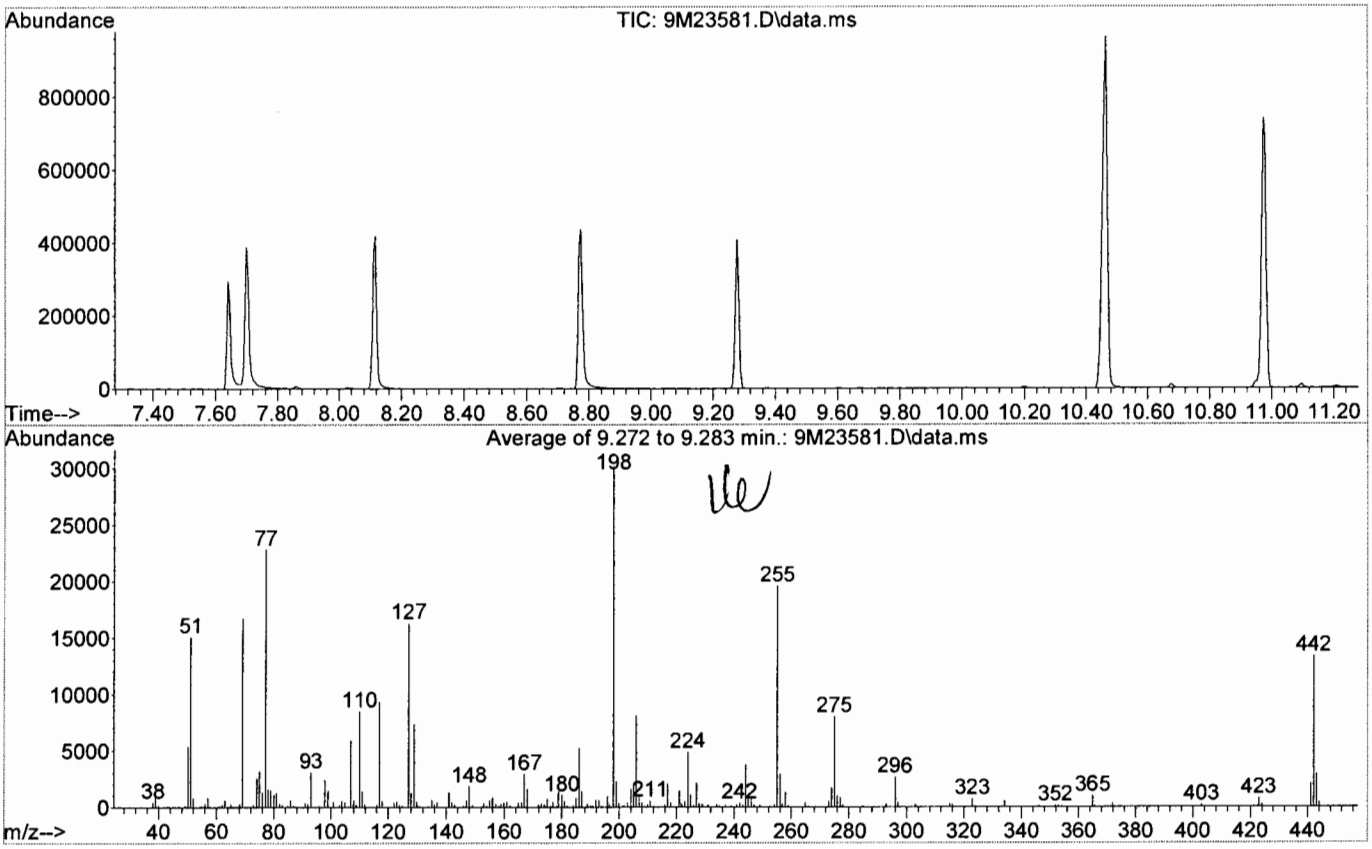
Data File	Sample Number	Analysis Date:
9M23582.D	CAL BNA@50PPM	03/05/10 12:19
9M23583.D	AC50095-002(100	03/05/10 12:43
9M23584.D	SMB4433(MS)	03/05/10 13:06
9M23585.D	SMB4433	03/05/10 13:29
9M23586.D	AC50095-003(100	03/05/10 13:52
9M23587.D	AC50081-001(10X)	03/05/10 14:15
9M23588.D	AC50091-001(3X)	03/05/10 15:26
9M23589.D	AC50087-003	03/05/10 16:11
9M23590.D	AC50112-001(10X)	03/05/10 16:34
9M23591.D	AC50106-001(20X)	03/05/10 16:57
9M23592.D	AC50087-003(MS)	03/05/10 17:19
9M23593.D	AC50087-003(MSD	03/05/10 17:42
9M23594.D	AC50108-001	03/05/10 18:05
9M23595.D	AC50108-004	03/05/10 18:28
9M23596.D	AC49930-021(10X)	03/05/10 18:51
9M23597.D	AC49930-019(20X)	03/05/10 19:13
9M23598.D	AC50108-003(20X)	03/05/10 19:36
9M23599.D	AC50108-005(20X)	03/05/10 19:59
9M23600.D	AC50109-001(3X)	03/05/10 20:21
9M23601.D	AC50108-002(10X)	03/05/10 20:44
9M23602.D	AC50112-001(3X)	03/05/10 21:07
9M23603.D	AC50106-001(10X)	03/05/10 21:29
9M23604.D	TEST	03/05/10 21:52
9M23605.D	TEST	03/05/10 22:14
9M23606.D	TEST	03/05/10 22:37

DFTPP

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23581.D
Acq On : 5 Mar 2010 11:33
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270
Last Update : Mon Mar 01 13:49:45 2010



Spectrum Information: Average of 9.272 to 9.283 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	50.0	15075	PASS
68	69	0.00	2	1.4	231	PASS
69	198	0.00	100	55.4	16723	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.0	16282	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	30173	PASS
199	198	5	9	7.5	2265	PASS
275	198	10	30	26.5	8001	PASS
365	198	1	100	3.1	950	PASS
441	443	0.01	100	70.1	2024	PASS
442	198	40	100	44.2	13336	PASS
443	442	17	23	21.7	2888	PASS

Form 5

Tune Name: CAL DFTPP
Instrument: GCMS 9
Data File: 9M23607.D
Analysis Date: 03/08/10 08:12
Method: EPA 8270C

Tune Scan/Time Range: Average of 9.256 to 9.272 min

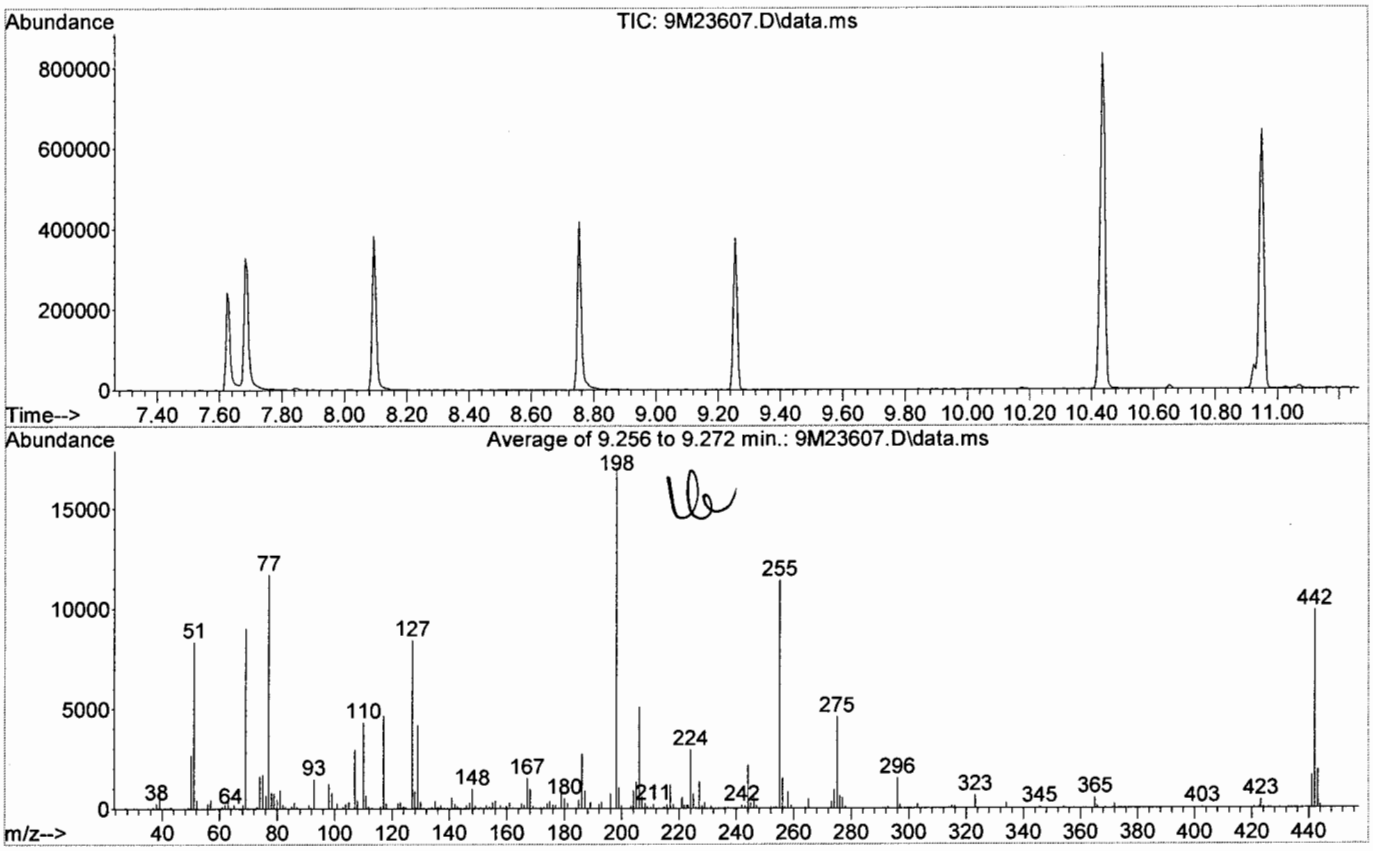
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	48.9	8336	PASS
68	69	0.00	2	2.0	179	PASS
69	198	0.00	100	53.0	9030	PASS
70	69	0.00	2	0.5	46	PASS
127	198	40	60	49.4	8430	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	17051	PASS
199	198	5	9	6.0	1018	PASS
275	198	10	30	26.9	4582	PASS
365	198	1	100	3.1	525	PASS
441	443	0.01	100	84.5	1628	PASS
442	198	40	100	58.0	9886	PASS
443	442	17	23	19.5	1926	PASS

Data File	Sample Number	Analysis Date:
9M23608.D	CAL BNA@50PPM	03/08/10 08:55
9M23609.D	AC50108-002	03/08/10 09:23
9M23610.D	AC49930-019(3X)	03/08/10 09:46
9M23611.D	AC49930-021(3X)	03/08/10 10:09
9M23612.D	AC50108-005(5X)	03/08/10 10:31
9M23613.D	AC50108-003(5X)	03/08/10 10:54
9M23614.D	AC49930-021(3X)	03/08/10 12:03
9M23615.D	AC50108-003(5X)	03/08/10 12:26
9M23616.D	AC50108-003(10X)	03/08/10 12:54
9M23617.D	SMB4434(MS)	03/08/10 13:17
9M23618.D	SMB4434	03/08/10 13:39
9M23619.D	AC50052-005	03/08/10 15:05
9M23620.D	AC50146-001	03/08/10 15:28
9M23621.D	AC50198-001	03/08/10 15:50
9M23622.D	AC50198-002	03/08/10 16:13
9M23623.D	AC50198-002(MS)	03/08/10 16:36
9M23624.D	AC50198-002(MSD	03/08/10 16:58
9M23625.D	MBS TEST	03/08/10 17:21
9M23626.D	AC50198-003	03/08/10 17:44
9M23627.D	AC50198-004	03/08/10 18:07
9M23628.D	AC50052-005(3X)	03/08/10 18:30

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-08-10\
Data File : 9M23607.D
Acq On : 8 Mar 2010 8:12
Operator : AHD
Sample : CAL DFTPP
Misc : A,BNA
ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270
Last Update : Mon Mar 01 13:49:45 2010



Spectrum Information: Average of 9.256 to 9.272 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.9	8336	PASS
68	69	0.00	2	2.0	179	PASS
69	198	0.00	100	53.0	9030	PASS
70	69	0.00	2	0.5	46	PASS
127	198	40	60	49.4	8430	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	17051	PASS
199	198	5	9	6.0	1018	PASS
275	198	10	30	26.9	4582	PASS
365	198	1	100	3.1	525	PASS
441	443	0.01	100	84.5	1628	PASS
442	198	40	100	58.0	9886	PASS
443	442	17	23	19.5	1926	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4433
Client Id:
Data File: 9M23585.D
Analysis Date: 03/05/10 13:29
Date Rec/Extracted: NA-03/05/10
Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C
Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.067	U	191-24-2	Benzo[g,h,i]perylene	0.067	U
122-66-7	1,2-Diphenylhydrazine	0.067	U	207-08-9	Benzo[k]fluoranthene	0.067	U
95-95-4	2,4,5-Trichlorophenol	0.067	U	65-85-0	Benzoic Acid	0.33	U
88-06-2	2,4,6-Trichlorophenol	0.067	U	111-91-1	bis(2-Chloroethoxy)methan	0.067	U
120-83-2	2,4-Dichlorophenol	0.067	U	111-44-4	bis(2-Chloroethyl)ether	0.067	U
105-67-9	2,4-Dimethylphenol	0.067	U	108-60-1	bis(2-chloroisopropyl)ether	0.067	U
51-28-5	2,4-Dinitrophenol	0.33	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.067	U
121-14-2	2,4-Dinitrotoluene	0.067	U	85-68-7	Butylbenzylphthalate	0.067	U
606-20-2	2,6-Dinitrotoluene	0.067	U	86-74-8	Carbazole	0.067	U
91-58-7	2-Chloronaphthalene	0.067	U	218-01-9	Chrysene	0.067	U
95-57-8	2-Chlorophenol	0.067	U	53-70-3	Dibenzo[a,h]anthracene	0.067	U
91-57-6	2-Methylnaphthalene	0.067	U	132-64-9	Dibenzofuran	0.067	U
95-48-7	2-Methylphenol	0.067	U	84-66-2	Diethylphthalate	0.067	U
88-74-4	2-Nitroaniline	0.067	U	131-11-3	Dimethylphthalate	0.067	U
88-75-5	2-Nitrophenol	0.067	U	84-74-2	Di-n-butylphthalate	0.067	U
106-44-5	3&4-Methylphenol	0.067	U	117-84-0	Di-n-octylphthalate	0.067	U
91-94-1	3,3'-Dichlorobenzidine	0.067	U	206-44-0	Fluoranthene	0.067	U
99-09-2	3-Nitroaniline	0.067	U	86-73-7	Fluorene	0.067	U
534-52-1	4,6-Dinitro-2-methylphenol	0.33	U	118-74-1	Hexachlorobenzene	0.067	U
101-55-3	4-Bromophenyl-phenylether	0.067	U	87-68-3	Hexachlorobutadiene	0.067	U
59-50-7	4-Chloro-3-methylphenol	0.067	U	77-47-4	Hexachlorocyclopentadiene	0.33	U
106-47-8	4-Chloroaniline	0.067	U	67-72-1	Hexachloroethane	0.067	U
7005-72-3	4-Chlorophenyl-phenylether	0.067	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.067	U
100-01-6	4-Nitroaniline	0.067	U	78-59-1	Isophorone	0.067	U
100-02-7	4-Nitrophenol	0.067	U	91-20-3	Naphthalene	0.067	U
83-32-9	Acenaphthene	0.067	U	98-95-3	Nitrobenzene	0.067	U
208-96-8	Acenaphthylene	0.067	U	62-75-9	N-Nitrosodimethylamine	0.067	U
62-53-3	Aniline	0.067	U	621-64-7	N-Nitroso-di-n-propylamine	0.067	U
120-12-7	Anthracene	0.067	U	86-30-6	n-Nitrosodiphenylamine	0.067	U
92-87-5	Benzidine	0.33	U	87-86-5	Pentachlorophenol	0.33	U
56-55-3	Benzo[a]anthracene	0.067	U	85-01-8	Phenanthrene	0.067	U
50-32-8	Benzo[a]pyrene	0.067	U	108-95-2	Phenol	0.067	U
205-99-2	Benzo[b]fluoranthene	0.067	U	129-00-0	Pyrene	0.067	U

Worksheet #: 144678

Total Target Concentration 0

ColumnID: (^) Indicates results from 2nd column

U - Indicates the compound was analyzed but not detected.
B - Indicates the analyte was found in the blank as well as in the sample.
E - Indicates the analyte concentration exceeds the calibration range of the instrument.

R - Retention Time Out
J - Indicates an estimated value when a compound is detected at less than the specified detection limit.
d - Pesticide %Diff>40% between columns due to coelution. Lower concentration used.

Form1e

ORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB4433
Client Id:
Data File: 9M23585.D
Analysis Date: 03/05/10 13:29
Date Rec/Extracted: NA-03/05/10

Matrix: Soil
Initial Vol: 30g
Final Vol: 1ml
Dilution: 1
Solids: 100
Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.78	0.24 JA
2		unknown	3.22	0.25 J
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.65	150 JA
4		unknown	4.37	0.57 J
5		unknown	6.20	0.18 J

Worksheet #: 144678

Total Tentatively Identified Concentration 150

A - Indicates an aldol condensate.
J - Indicates an estimated value.
B - Indicates the analyte was found in the blank as well as in the sample.

Quantitation Report (QT/LSC Reviewed)

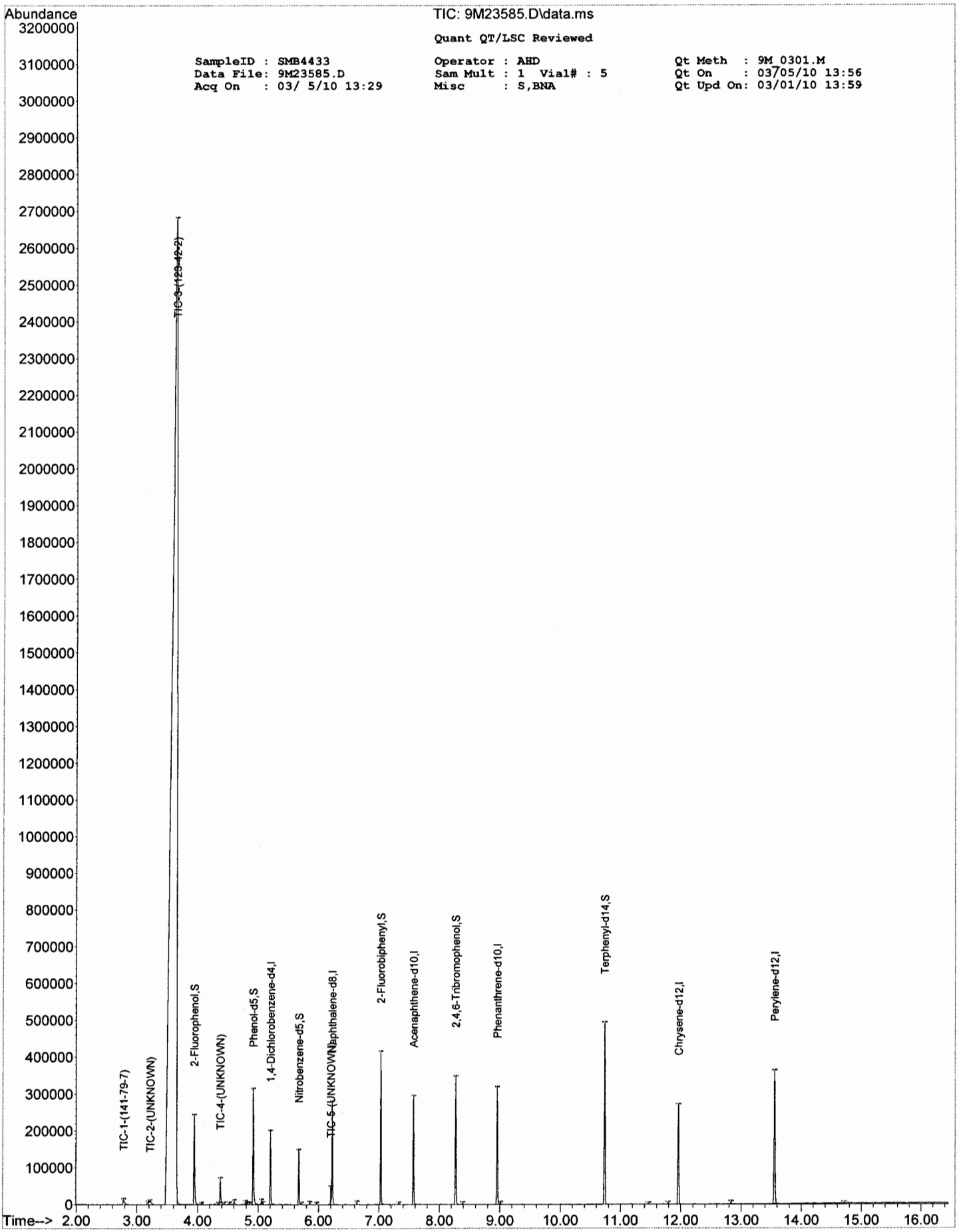
SampleID : SMB4433 Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23585.D Sam Mult : 1 Vial# : 5 Qt On : 03/05/10 13:56
Acq On : 03/ 5/10 13:29 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	21452	40.00	ng	-0.06
29) Naphthalene-d8	6.223	136	90438	40.00	ng	-0.07
47) Acenaphthene-d10	7.571	164	50562	40.00	ng	-0.07
73) Phenanthrene-d10	8.956	188	96533	40.00	ng	-0.09
87) Chrysene-d12	11.962	240	99042	40.00	ng	-0.10
102) Perylene-d12	13.556	264	126145	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.944	112	68048	117.97	ng	-0.06
Spiked Amount 100.000			Recovery = 117.97%			
15) Phenol-d5	4.918	99	88980	118.30	ng	-0.06
Spiked Amount 100.000			Recovery = 118.30%			
30) Nitrobenzene-d5	5.672	128	17575	46.37	ng	-0.06
Spiked Amount 50.000			Recovery = 92.74%			
52) 2-Fluorobiphenyl	7.031	172	86207	49.84	ng	-0.06
Spiked Amount 50.000			Recovery = 99.68%			
76) 2,4,6-Tribromophenol	8.272	330	22227	123.87	ng	-0.09
Spiked Amount 100.000			Recovery = 123.87%			
90) Terphenyl-d14	10.737	244	135833	47.80	ng	-0.09
Spiked Amount 50.000			Recovery = 95.60%			
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.201		144627	40.00	ng	--
2) Naphthalene-d8	6.223		239178	40.00	ng	--
3) Acenaphthene-d10	7.571		247624	40.00	ng	--
4) Phenanthrene-d10	8.956		282829	40.00	ng	--
5) Chrysene-d12	11.962		285355	40.00	ng	--
6) Perylene-d12	13.556		397015	40.00	ng	--
Library Search Compounds						
1) 141-79-7	2.780		25888	7.16	ng	72
2) UNKNOWN	3.220		27320	7.56	ng	--
3) 123-42-2	3.650		15825652	4376.96	ng	56
4) UNKNOWN	4.370		62139	17.19	ng	--
5) UNKNOWN	6.200		31968	5.35	ng	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed

lle


Abundance
TIC: 9M23585.D\data.ms
Quant QT/LSC Reviewed
SampleID : SMB4433
Data File: 9M23585.D
Acq On : 03/ 5/10 13:29
Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/05/10 13:56
Qt Upd On: 03/01/10 13:59
TIC-1-(141-79-7)
TIC-2-(UNKNOWN)
TIC-3-(123-42-2)
2-Fluorophenol,S
TIC-4-(UNKNOWN)
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
TIC-5-(UNKNOWN)
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I
Time-->

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

Signal : TIC: 9M23585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.778	143	148	158	rBV2	13774	25888	0.16%	0.134%
2	3.185	219	224	225	rBV3	6587	8083	0.05%	0.042%
3	3.217	225	230	243	rVB3	9907	27320	0.17%	0.142%
4	3.650	276	311	313	rBV2	2680338	15825652	100.00%	82.108%
5	3.944	362	366	378	rBV	241804	243093	1.54%	1.261%
6	4.062	386	388	393	rBV	2792	2956	0.02%	0.015%
7	4.340	437	440	443	rBV	3457	2830	0.02%	0.015%
8	4.372	443	446	456	rVV	69890	62139	0.39%	0.322%
9	4.437	456	458	461	rVB	3390	2326	0.01%	0.012%
10	4.522	467	474	478	rBV2	3442	4049	0.03%	0.021%
11	4.602	485	489	494	rBV	9914	9406	0.06%	0.049%
12	4.790	522	524	527	rBV	7671	5963	0.04%	0.031%
13	4.816	527	529	533	rVB2	4863	3344	0.02%	0.017%
14	4.859	535	537	541	rVB	3303	2668	0.02%	0.014%
15	4.913	544	547	558	rBV	313186	280343	1.77%	1.455%
16	5.052	570	573	576	rBV	11594	8978	0.06%	0.047%
17	5.078	576	578	583	rVB2	4909	3507	0.02%	0.018%
18	5.201	598	601	608	rVB	197969	142790	0.90%	0.741%
19	5.667	685	688	695	rBV	146672	124289	0.79%	0.645%
20	5.715	695	697	699	rVB	3649	2391	0.02%	0.012%
21	5.854	721	723	726	rBB2	5755	4300	0.03%	0.022%
22	5.966	741	744	748	rBB2	3322	2702	0.02%	0.014%
23	6.202	785	788	790	rBV	47841	31968	0.20%	0.166%
24	6.223	790	792	801	rVB	278627	205926	1.30%	1.068%
25	6.635	866	869	872	rVB	7009	4244	0.03%	0.022%
26	7.031	940	943	946	rBV	412756	270508	1.71%	1.403%
27	7.325	996	998	1002	rBB2	4081	3092	0.02%	0.016%
28	7.571	1040	1044	1047	rBV	292681	244389	1.54%	1.268%
29	8.272	1171	1175	1185	rBB	346174	288514	1.82%	1.497%
30	8.389	1195	1197	1201	rVB2	4458	4192	0.03%	0.022%
31	8.956	1299	1303	1309	rBV	317079	281959	1.78%	1.463%
32	9.015	1311	1314	1318	rVB	4792	4571	0.03%	0.024%
33	10.737	1631	1636	1640	rBV	491518	449002	2.84%	2.330%
34	11.465	1769	1772	1775	rBB	2937	2633	0.02%	0.014%
35	11.791	1830	1833	1836	rVB	4689	4469	0.03%	0.023%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

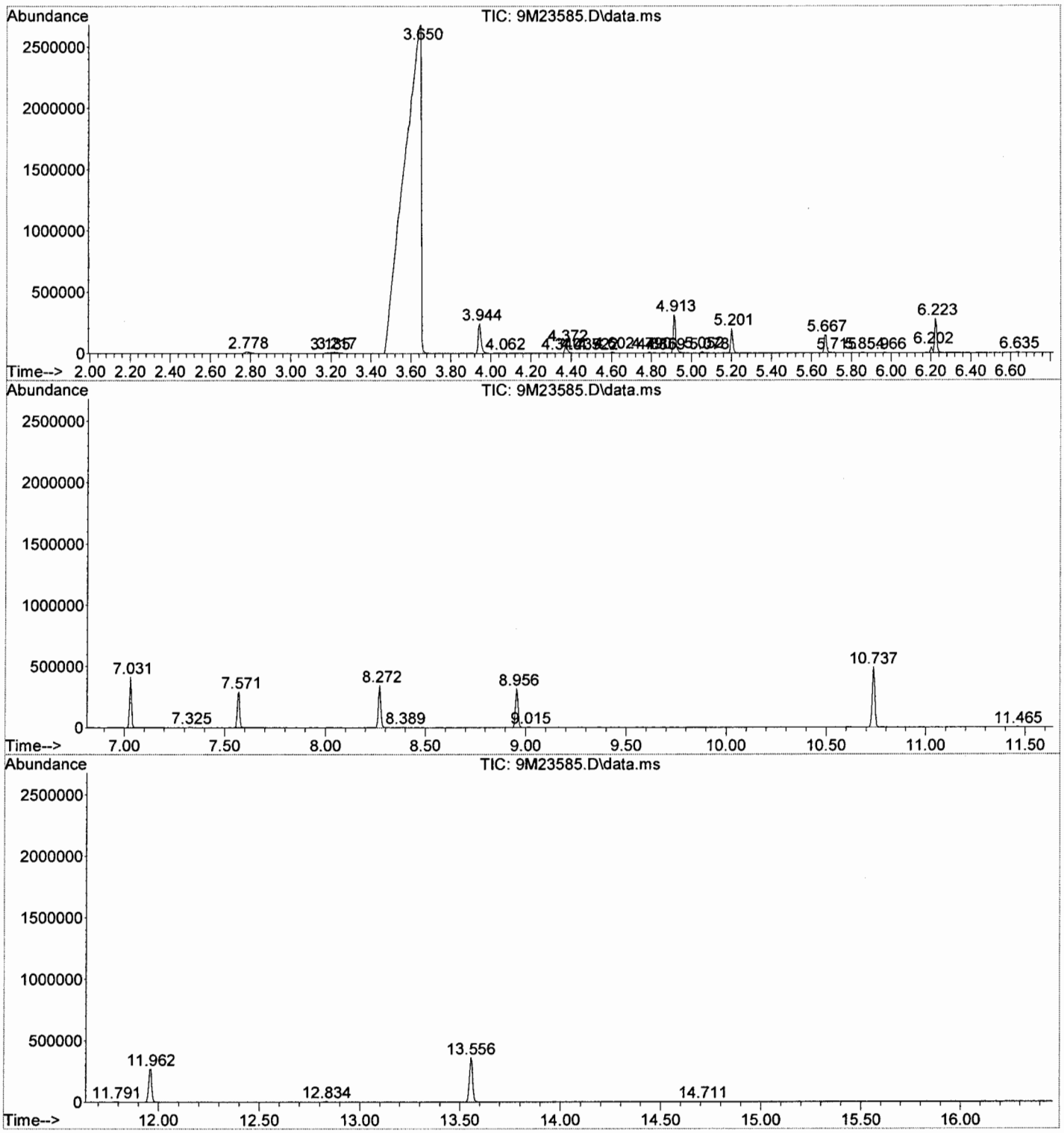
36	11.962	1860	1865	1870	rBV	269503	284596	1.80%	1.477%
37	12.834	2025	2028	2032	rVB	6442	5935	0.04%	0.031%
38	13.556	2158	2163	2171	rBV	359627	390811	2.47%	2.028%
39	14.711	2377	2379	2382	rBV4	2261	2285	0.01%	0.012%

Sum of corrected areas: 19274111

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

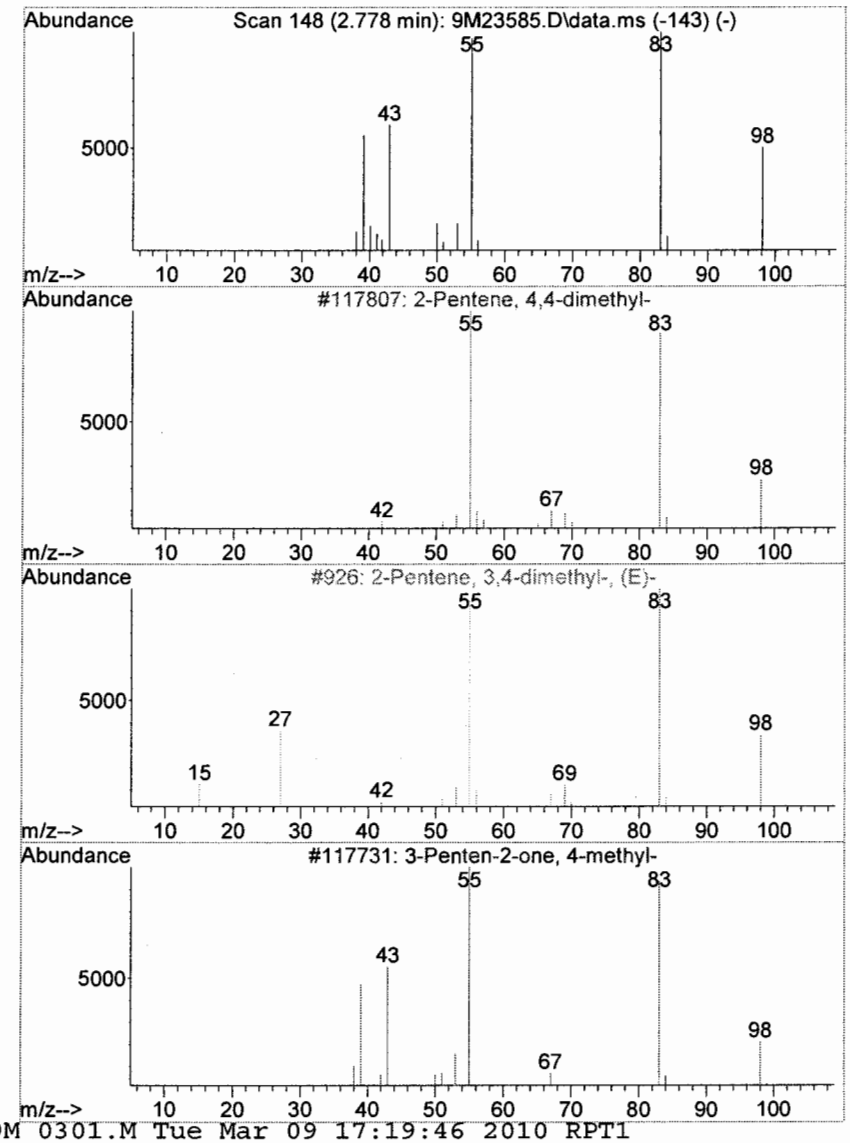
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

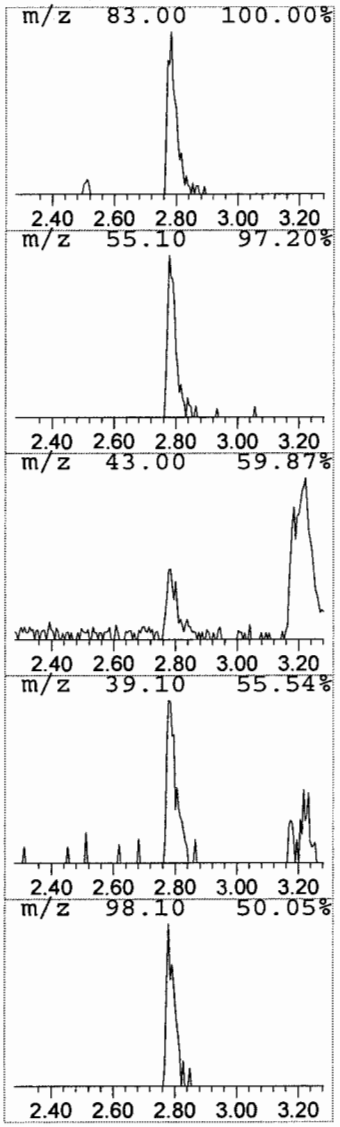
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	7.16 ng	25888	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	83
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	59
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	59





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

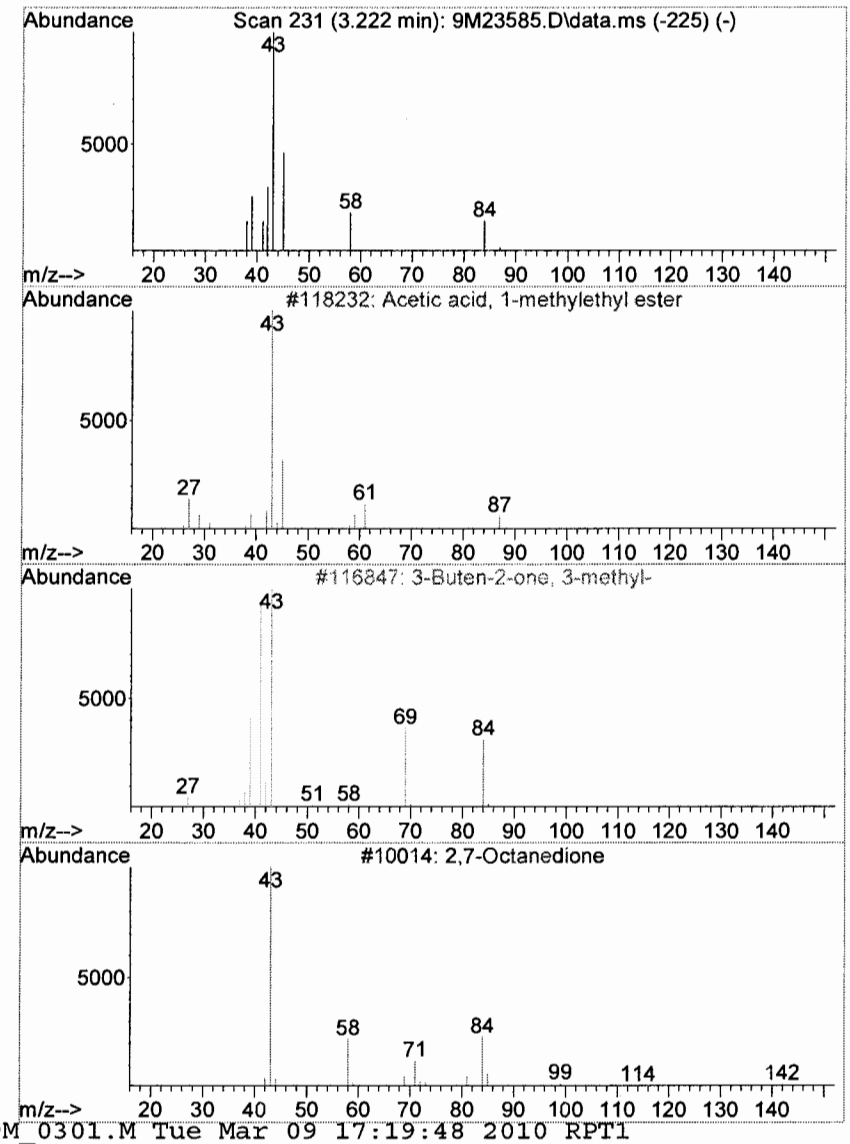
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

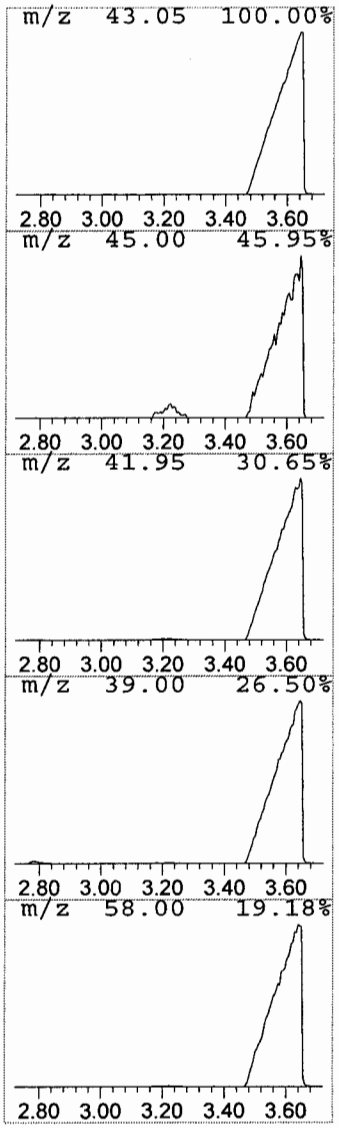
****

Peak Number 2 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	7.56 ng	27320	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	7
3	2,7-Octanedione	142	C8H14O2	001626-09-1	4
4	2,5-Furandione, 3-methyl-	112	C5H4O3	000616-02-4	4
5	2-Pentanol, 5-(2-propynyloxy)-	142	C8H14O2	055702-67-5	4





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

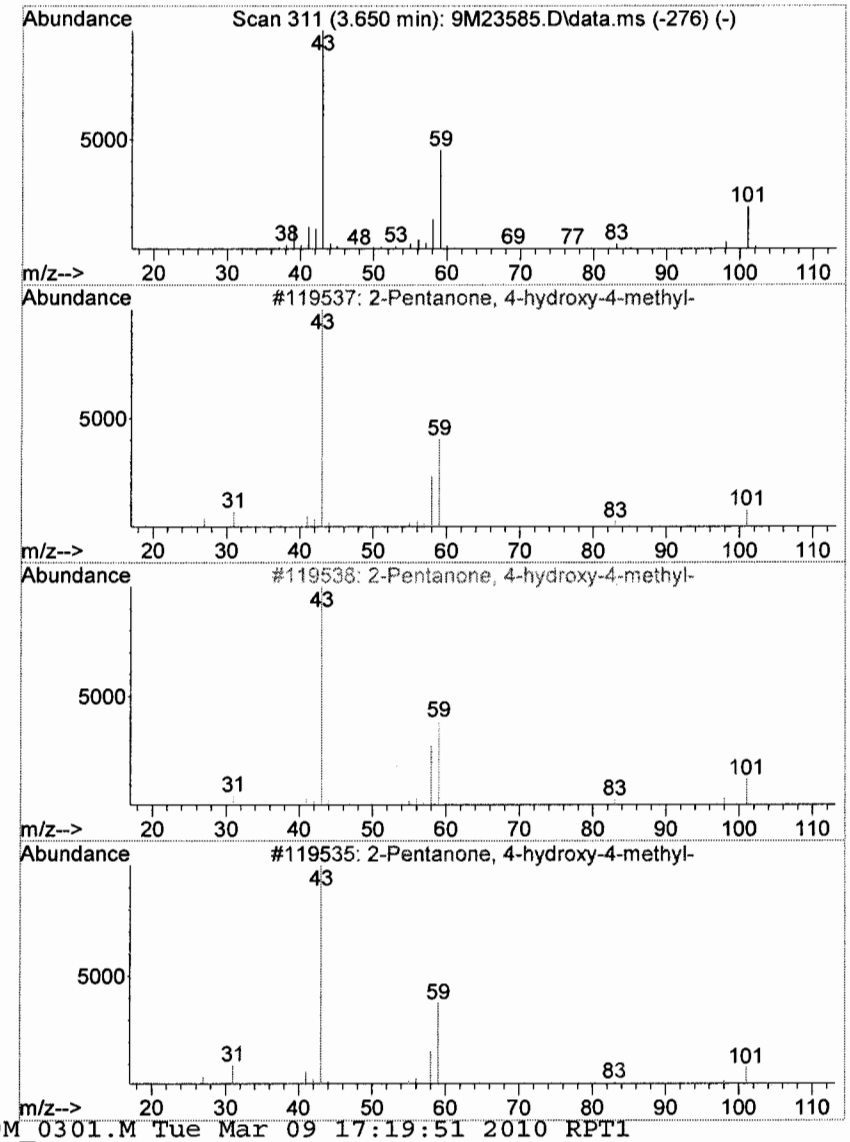
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

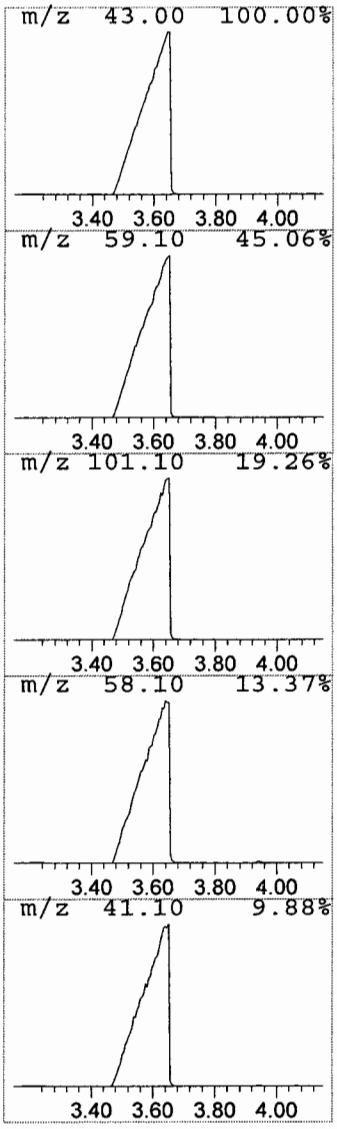
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	4376.96 ng	15825652	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

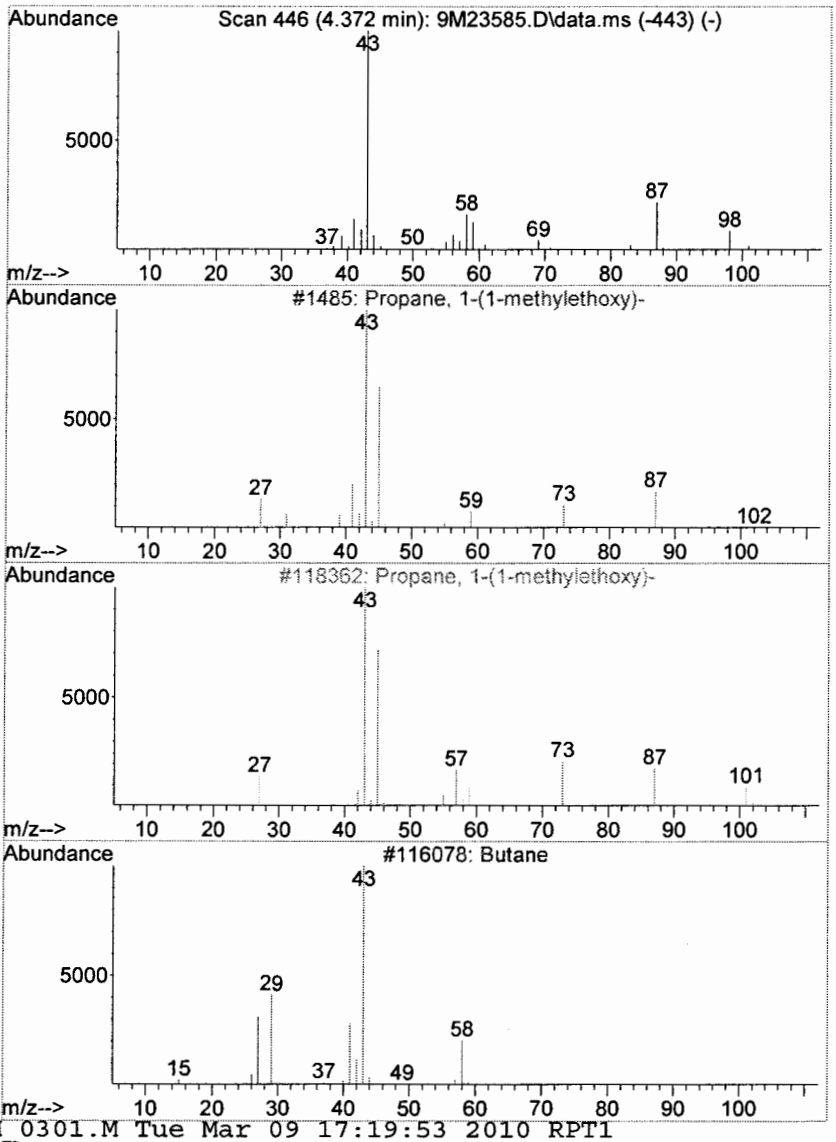
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

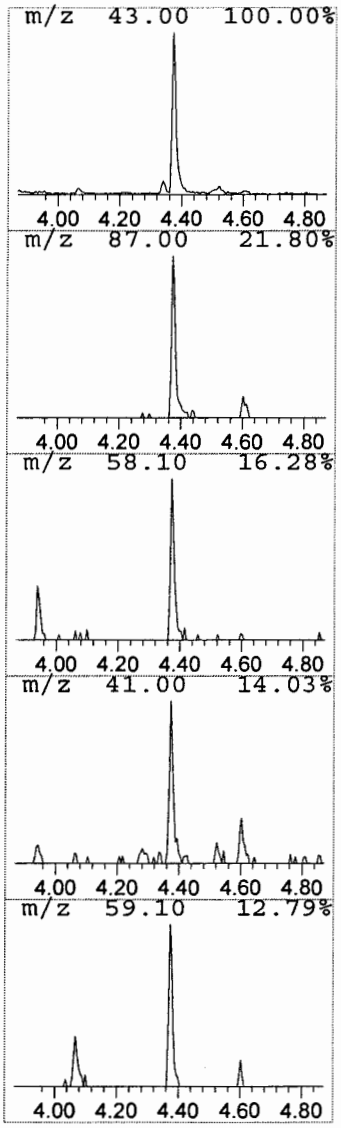
****

Peak Number 4 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	17.19 ng	62139	LibIS-1,4-Dichlorobenzene-d4	5.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	42
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	38
3	Butane	58	C4H10	000106-97-8	25
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12
5	Butane	58	C4H10	000106-97-8	9





Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

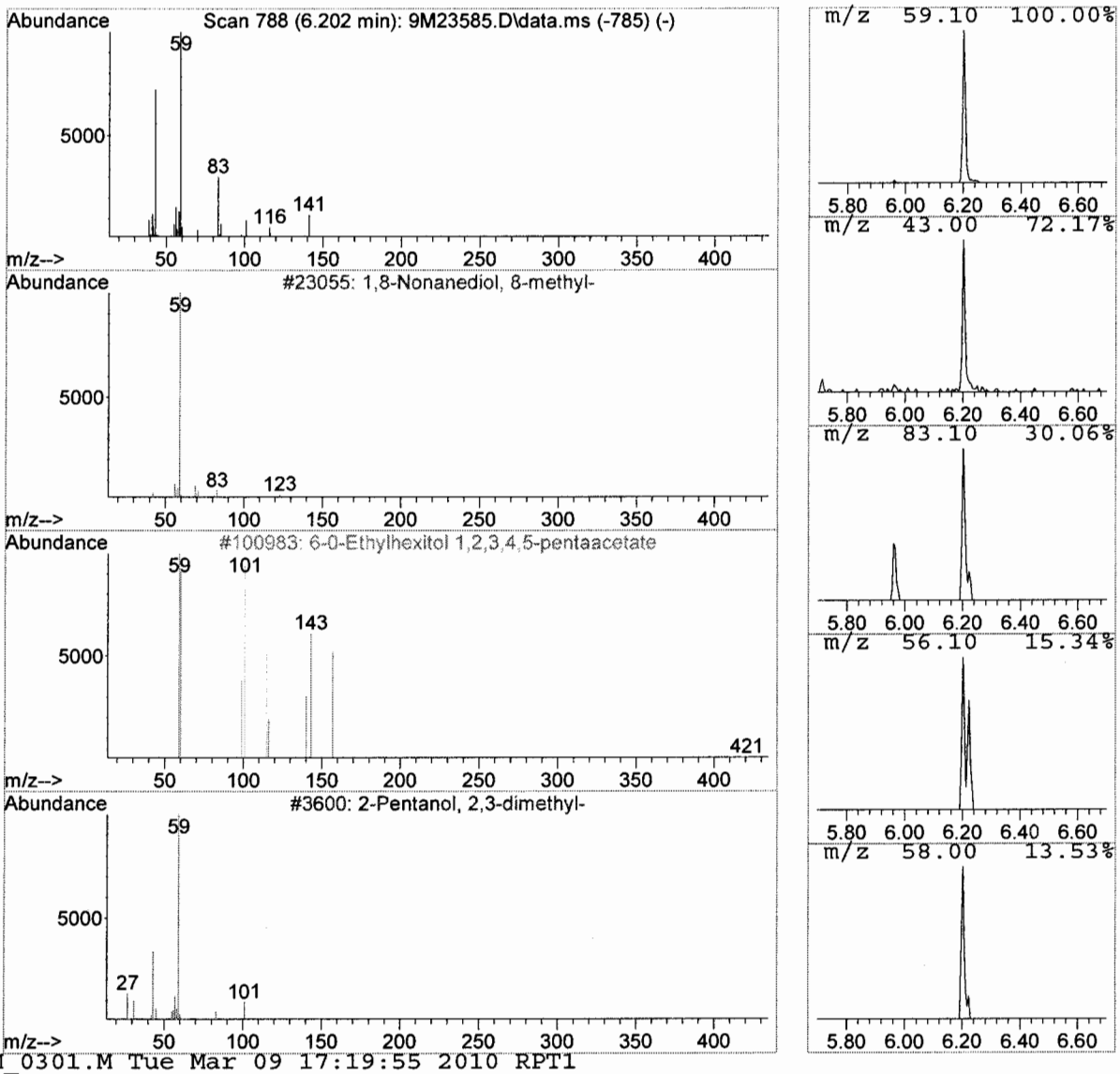
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 5 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	5.35 ng	31968	LibIS-Naphthalene-d8	6.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	40
2	6-0-Ethylhexitol 1,2,3,4,5-penta...	420	C18H27DO11	000000-00-0	40
3	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	36
4	3-Decanol	158	C10H22O	001565-81-7	33
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	33



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Data File : 9M23585.D
Acq On : 5 Mar 2010 13:29
Operator : AHD
Sample : SMB4433
Misc : S,BNA
ALS Vial : 5 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	# ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.78	7.2	ng	25888	1 5.20	5.20	144627	40.0
unknown	3.22	7.6	ng	27320	1 5.20	5.20	144627	40.0
2-Pentanone, 4-hy...	3.65	4377.0	ng	15825652	1 5.20	5.20	144627	40.0
unknown	4.37	17.2	ng	62139	1 5.20	5.20	144627	40.0
unknown	6.20	5.3	ng	31968	2 6.22	6.22	239178	40.0

FORM 3

Spike Recovery

Batch Number: SMB4433
Mbs Name: SMB4433(MS)
Ns Name: AC50087-003
Ms Name: AC50087-003(MS)
Msd Name: AC50087-003(MSD

Mbs File: 9M23584.D
Non Spk'd File: 9M23589.D
Spike File: 9M23592.D
Spike Dup File: 9M23593.D
Matrix: Soil
Method: EPA 8270C

Mbs Date: 03/05/10 13:06
Non Spk'd Date: 03/05/10 16:11
Spike Date : 03/05/10 17:19
Spike Dup Date: 03/05/10 17:42

Compound	C#	Co	Mr	Conc Exp	Lo Llm	Hi Lim	Rpd Llm	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	16	1	0	100	35	130	31	101.68	0.00	88.69	97.47	102	89	97	9.4
2-Chlorophenol	17	1	0	100	43	131	32	107.53	0.00	94.99	100.43	108	95	100	5.6
1,4-Dichlorobenzene	20	1	0	50	26	128	41	47.36	0.00	41.50	45.13	95	83	90	8.4
2-Methylphenol	24	1	0	100	40	137	32	113.82	0.00	97.77	107.60	114	98	108	9.6
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	51.74	0.00	46.54	47.53	103	93	95	2.1
2,4-Dimethylphenol	34	1	0	100	47	135	32	102.86	0.00	91.01	96.29	103	91	96	5.6
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	43.76	0.00	41.00	42.07	88	82	84	2.6
Naphthalene	39	1	0	50	44	132	41	48.28	0.00	45.77	47.15	97	92	94	3
4-Chloro-3-methylphe	43	1	0	100	45	142	32	103.35	0.00	93.76	98.38	103	94	98	4.8
Acenaphthene	61	1	0	50	47	137	58	47.39	0.00	46.07	47.79	95	92	96	3.7
2,4-Dinitrotoluene	65	1	0	50	30	139	47	55.20	0.00	44.43	49.02	110	89	98	9.8
4-Nitrophenol	66	1	0	100	35	146	36	120.28	0.00	111.64	128.58	120	112	129	14
Fluorene	68	1	0	50	42	135	43	51.80	0.00	47.42	49.60	104	95	99	4.5
Pentachlorophenol	81	1	0	100	38	132	37	121.28	0.00	116.22	115.58	121	116	116	0.55
Pyrene	88	1	0	50	45	167	53	41.07	0.00	43.46	41.25	82	87	82	5.2
Butylbenzylphthalate	94	1	0	50	45	157	40	46.00	0.00	49.85	44.91	92	100	90	10

Note:

Rp = Failed Rpd Criteria **Mo = Failed Recovery Criteria**

^ - Both Ms and Msd Recoveries = 0 ... no valid information can be calculated

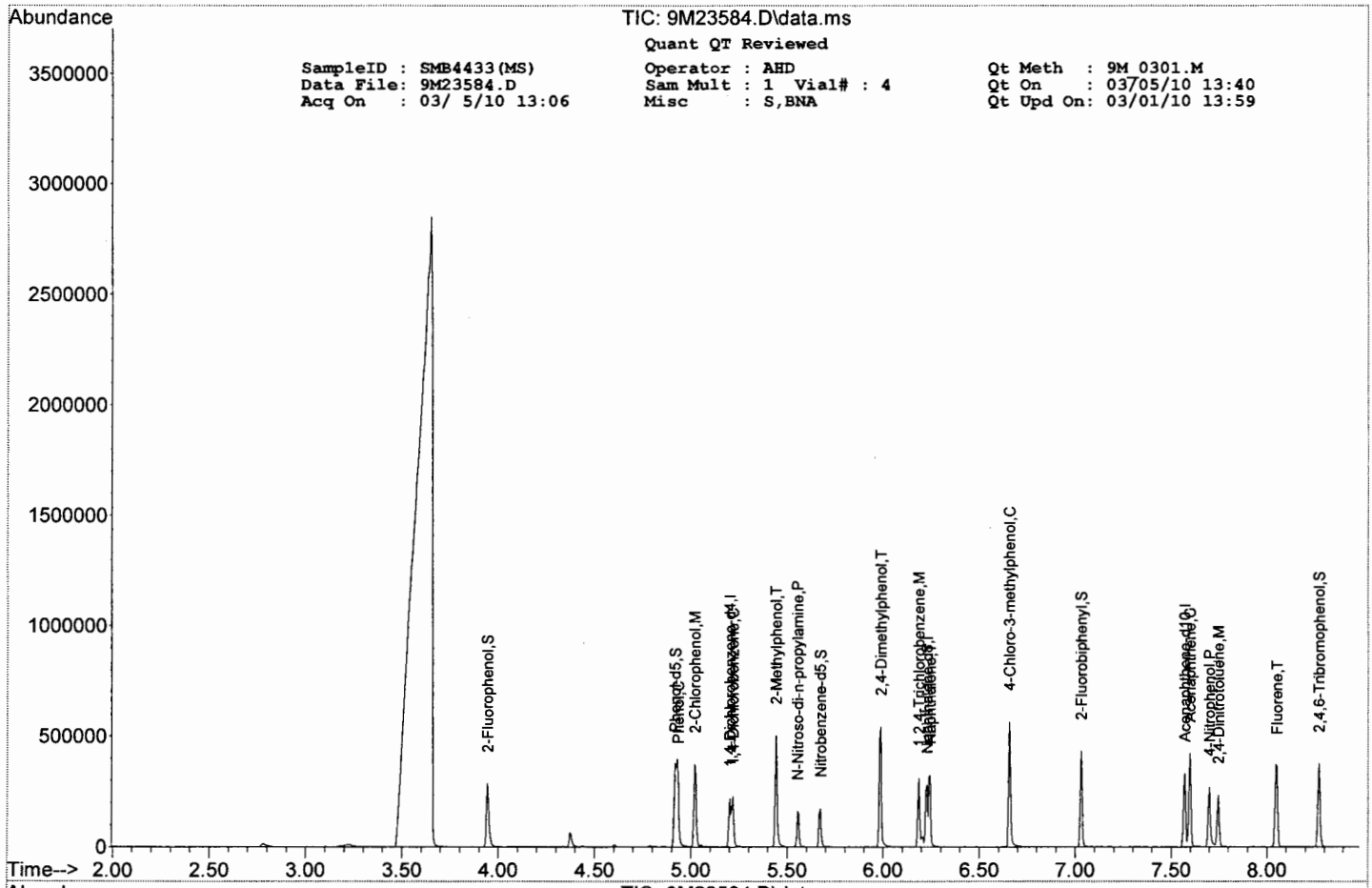
Quantitation Report (QT Reviewed)

SampleID : SMB4433(MS) Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23584.D Sam Mult : 1 Vial# : 4 Qt On : 03/05/10 13:40
Acq On : 03/ 5/10 13:06 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	23073	40.00	ng	-0.06
29) Naphthalene-d8	6.228	136	94147	40.00	ng	-0.06
47) Acenaphthene-d10	7.571	164	56875	40.00	ng	-0.08
73) Phenanthrene-d10	8.956	188	101733	40.00	ng	-0.09
87) Chrysene-d12	11.962	240	104073	40.00	ng	-0.10
102) Perylene-d12	13.556	264	126048	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.944	112	71838	115.79	ng	-0.06
Spiked Amount 100.000			Recovery = 115.79%			
15) Phenol-d5	4.918	99	96057	118.73	ng	-0.06
Spiked Amount 100.000			Recovery = 118.73%			
30) Nitrobenzene-d5	5.672	128	19992	50.66	ng	-0.06
Spiked Amount 50.000			Recovery = 101.32%			
52) 2-Fluorobiphenyl	7.031	172	89870	46.19	ng	-0.06
Spiked Amount 50.000			Recovery = 92.38%			
76) 2,4,6-Tribromophenol	8.271	330	24366	128.85	ng	-0.09
Spiked Amount 100.000			Recovery = 128.85%			
90) Terphenyl-d14	10.737	244	142051	47.57	ng	-0.09
Spiked Amount 50.000			Recovery = 95.14%			
Target Compounds						Qvalue
16) Phenol	4.934	94	89592	101.68	ng	91
17) 2-Chlorophenol	5.019	128	80071	107.53	ng	79
20) 1,4-Dichlorobenzene	5.217	146	39193	47.36	ng	96
24) 2-Methylphenol	5.442	108	69972	113.82	ng	96
27) N-Nitroso-di-n-propyla...	5.554	70	28296	51.74	ng	82
34) 2,4-Dimethylphenol	5.988	107	86483	102.86	ng	96
38) 1,2,4-Trichlorobenzene	6.185	180	34586	43.76	ng	96
39) Naphthalene	6.244	128	115713	48.28	ng	99
43) 4-Chloro-3-methylphenol	6.656	107	72631	103.35	ng	82
61) Acenaphthene	7.597	153	80075	47.39	ng	95
65) 2,4-Dinitrotoluene	7.747	165	33131	55.20	ng	70
66) 4-Nitrophenol	7.699	65	32137	120.28	ng	64
68) Fluorene	8.052	166	97403	51.80	ng	98
81) Pentachlorophenol	8.774	266	29694	121.28	ng	99
84) Carbazole	9.213	167	145623	51.25	ng	99
88) Pyrene	10.539	202	172025	41.07	ng	86
94) Butylbenzylphthalate	11.336	149	94040	46.00	ng	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed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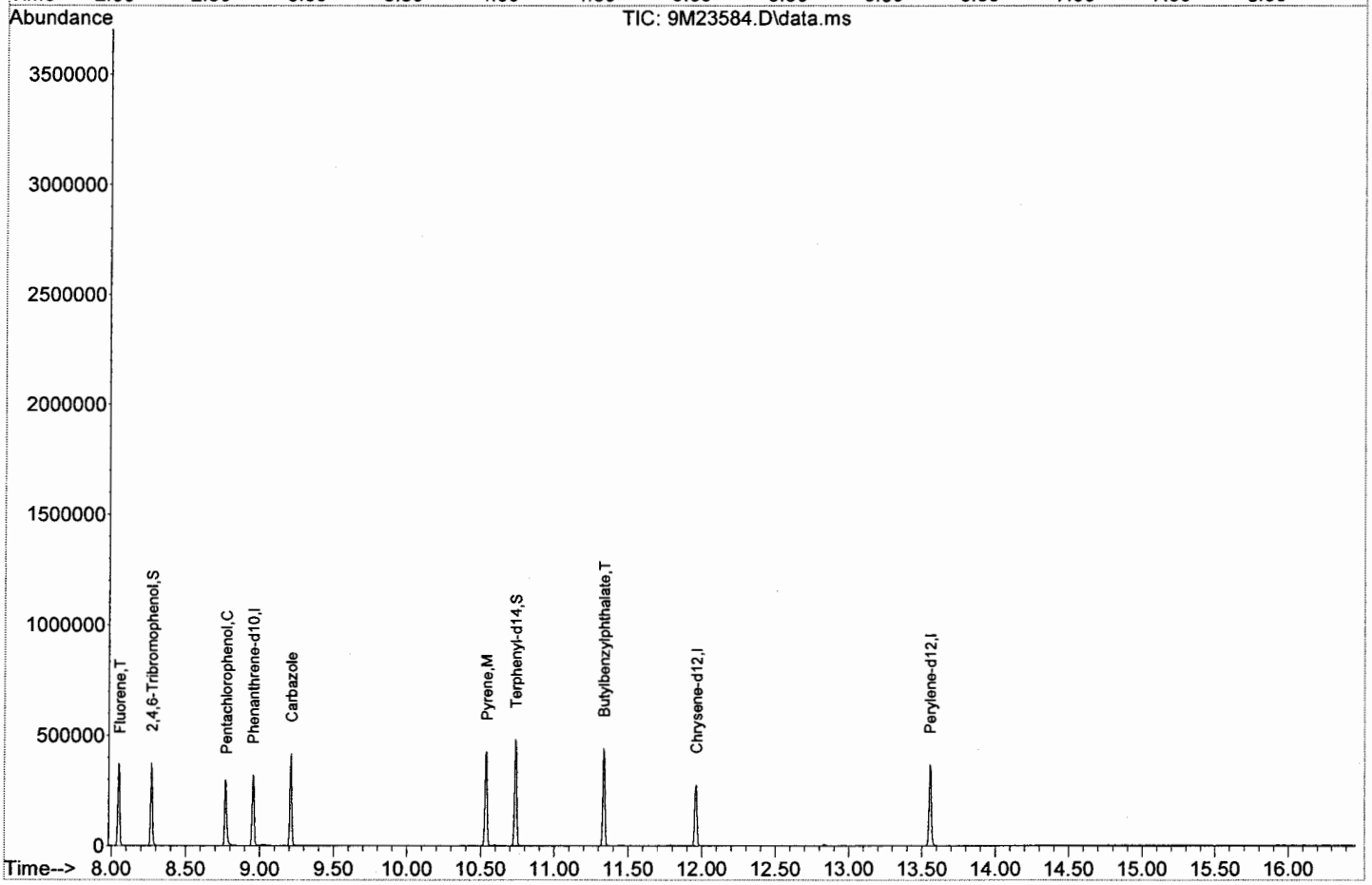
Quant QT Reviewed
SampleID : SMB4433(MS)
Data File: 9M23584.D
Acq On : 03/ 5/10 13:06
Operator : AHD
Sam Mult : 1 Vial# : 4
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/05/10 13:40
Qt Upd On: 03/01/10 13:59
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 9M23584.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
Perylene-d12,I
Time-->

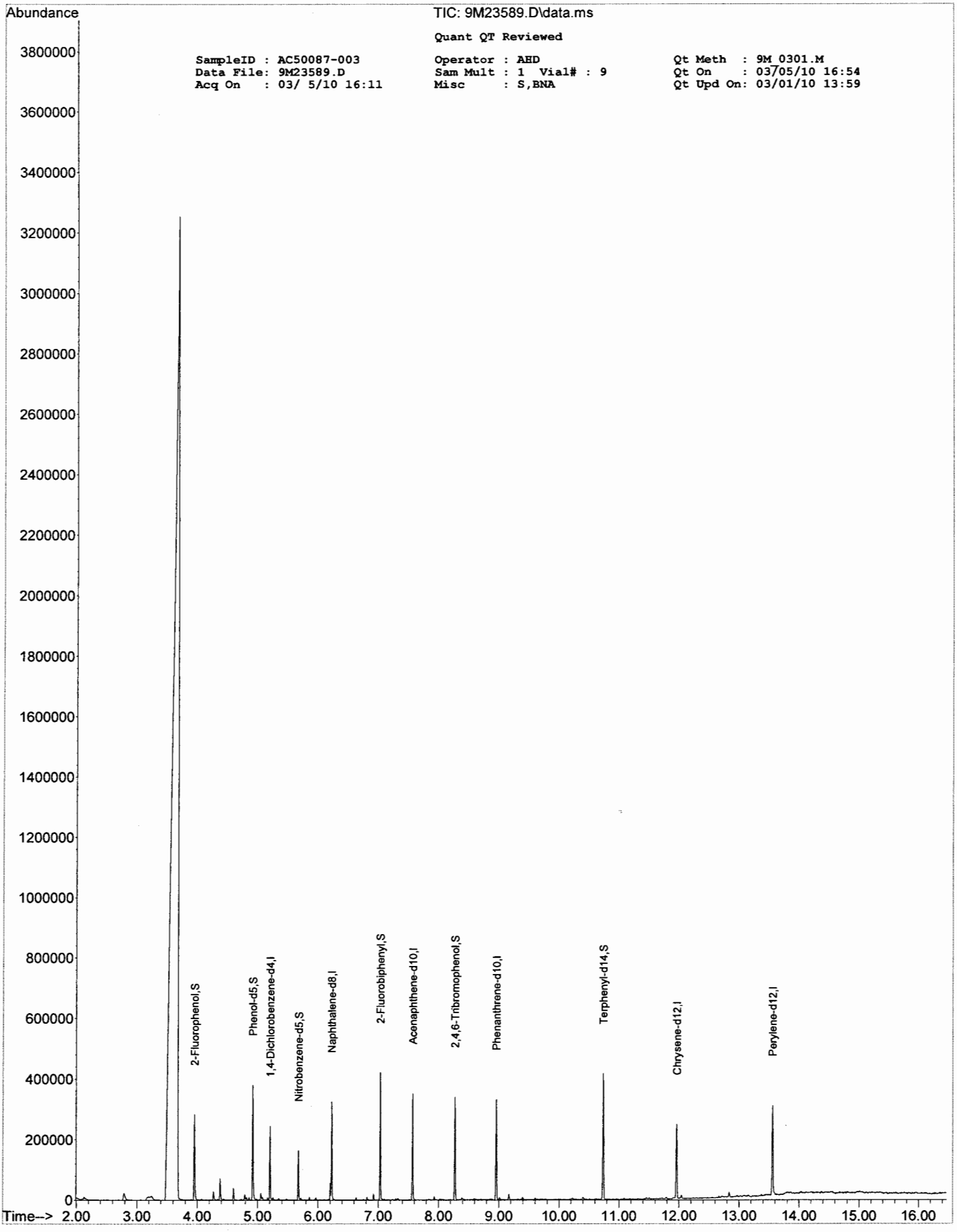
Quantitation Report (QT Reviewed)

SampleID : AC50087-003 Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23589.D Sam Mult : 1 Vial# : 9 Qt On : 03/05/10 16:54
Acq On : 03/ 5/10 16:11 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	27596	40.00	ng	-0.06
29) Naphthalene-d8	6.223	136	106989	40.00	ng	-0.07
47) Acenaphthene-d10	7.571	164	59044	40.00	ng	-0.07
73) Phenanthrene-d10	8.956	188	98397	40.00	ng	-0.09
87) Chrysene-d12	11.962	240	88139	40.00	ng	-0.10
102) Perylene-d12	13.556	264	97538	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.950	112	71952	96.97	ng	-0.06
Spiked Amount 100.000			Recovery = 96.97%			
15) Phenol-d5	4.918	99	93910	97.05	ng	-0.06
Spiked Amount 100.000			Recovery = 97.05%			
30) Nitrobenzene-d5	5.672	128	19989	44.58	ng	-0.06
Spiked Amount 50.000			Recovery = 89.16%			
52) 2-Fluorobiphenyl	7.031	172	87693	43.42	ng	-0.06
Spiked Amount 50.000			Recovery = 86.84%			
76) 2,4,6-Tribromophenol	8.272	330	21585	118.01	ng	-0.09
Spiked Amount 100.000			Recovery = 118.01%			
90) Terphenyl-d14	10.737	244	117466	46.45	ng	-0.09
Spiked Amount 50.000			Recovery = 92.90%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
TIC: 9M23589.D\data.ms
Quant QT Reviewed
SampleID : AC50087-003
Data File: 9M23589.D
Acq On : 03/ 5/10 16:11
Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/05/10 16:54
Qt Upd On: 03/01/10 13:59
3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
Time--> 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00
2-Fluorophenol,S
Phenol-d5,S
1,4-Dichlorobenzene-d4,I
Nitrobenzene-d5,S
Naphthalene-d8,I
2-Fluorobiphenyl,S
Acenaphthene-d10,I
2,4,6-Tribromophenol,S
Phenanthrene-d10,I
Terphenyl-d14,S
Chrysene-d12,I
Perylene-d12,I

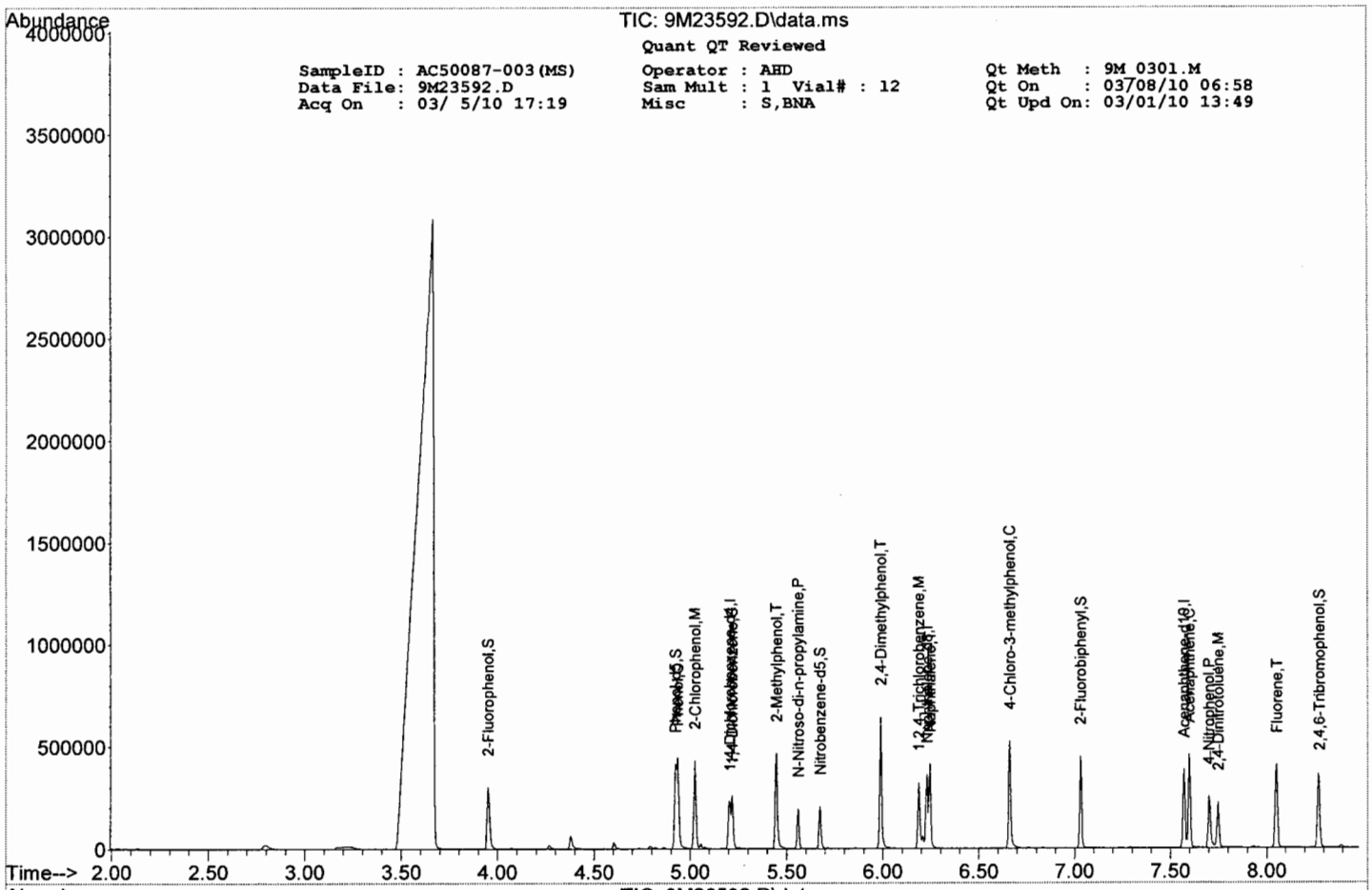
Quantitation Report (QT Reviewed)

SampleID : AC50087-003(MS) Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23592.D Sam Mult : 1 Vial# : 12 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 17:19 Misc : S,BNA Qt Upd On: 03/01/10 13:49

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.207	152	28195	40.00	ng	-0.06
29) Naphthalene-d8	6.228	136	109499	40.00	ng	-0.06
47) Acenaphthene-d10	7.571	164	62423	40.00	ng	-0.07
73) Phenanthrene-d10	8.961	188	107915	40.00	ng	-0.08
87) Chrysene-d12	11.962	240	92073	40.00	ng	-0.10
102) Perylene-d12	13.561	264	93946	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.950	112	78261	103.23	ng	-0.06
Spiked Amount 100.000			Recovery = 103.23%			
15) Phenol-d5	4.923	99	103194	104.38	ng	-0.05
Spiked Amount 100.000			Recovery = 104.38%			
30) Nitrobenzene-d5	5.672	128	21936	47.80	ng	-0.06
Spiked Amount 50.000			Recovery = 95.60%			
52) 2-Fluorobiphenyl	7.031	172	96013	44.96	ng	-0.06
Spiked Amount 50.000			Recovery = 89.92%			
76) 2,4,6-Tribromophenol	8.277	330	26415	131.68	ng	-0.08
Spiked Amount 100.000			Recovery = 131.68%			
90) Terphenyl-d14	10.742	244	137225	51.94	ng	-0.09
Spiked Amount 50.000			Recovery = 103.88%			
Target Compounds						Qvalue
16) Phenol	4.934	94	95494	88.69	ng	98
17) 2-Chlorophenol	5.025	128	86431	94.99	ng	78
20) 1,4-Dichlorobenzene	5.217	146	41971	41.50	ng	95
24) 2-Methylphenol	5.447	108	73442	97.77	ng	99
27) N-Nitroso-di-n-propyla...	5.560	70	31104	46.54	ng	78
34) 2,4-Dimethylphenol	5.988	107	89000	91.01	ng	96
38) 1,2,4-Trichlorobenzene	6.185	180	37689	41.00	ng	99
39) Naphthalene	6.244	128	127576	45.77	ng	98
43) 4-Chloro-3-methylphenol	6.661	107	76641	93.76	ng	74
61) Acenaphthene	7.597	153	85442	46.07	ng	93
65) 2,4-Dinitrotoluene	7.747	165	29266	44.43	ng	74
66) 4-Nitrophenol	7.699	65	32738	111.64	ng	70
68) Fluorene	8.052	166	97875	47.42	ng	98
81) Pentachlorophenol	8.774	266	29963	116.22	ng	95
84) Carbazole	9.213	167	138369	45.91	ng	97
88) Pyrene	10.539	202	161047	43.46	ng	88
94) Butylbenzylphthalate	11.342	149	90151	49.85	ng	77
101) bis(2-Ethylhexyl)phtha...	12.042	149	4674	1.76	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed


Abundance
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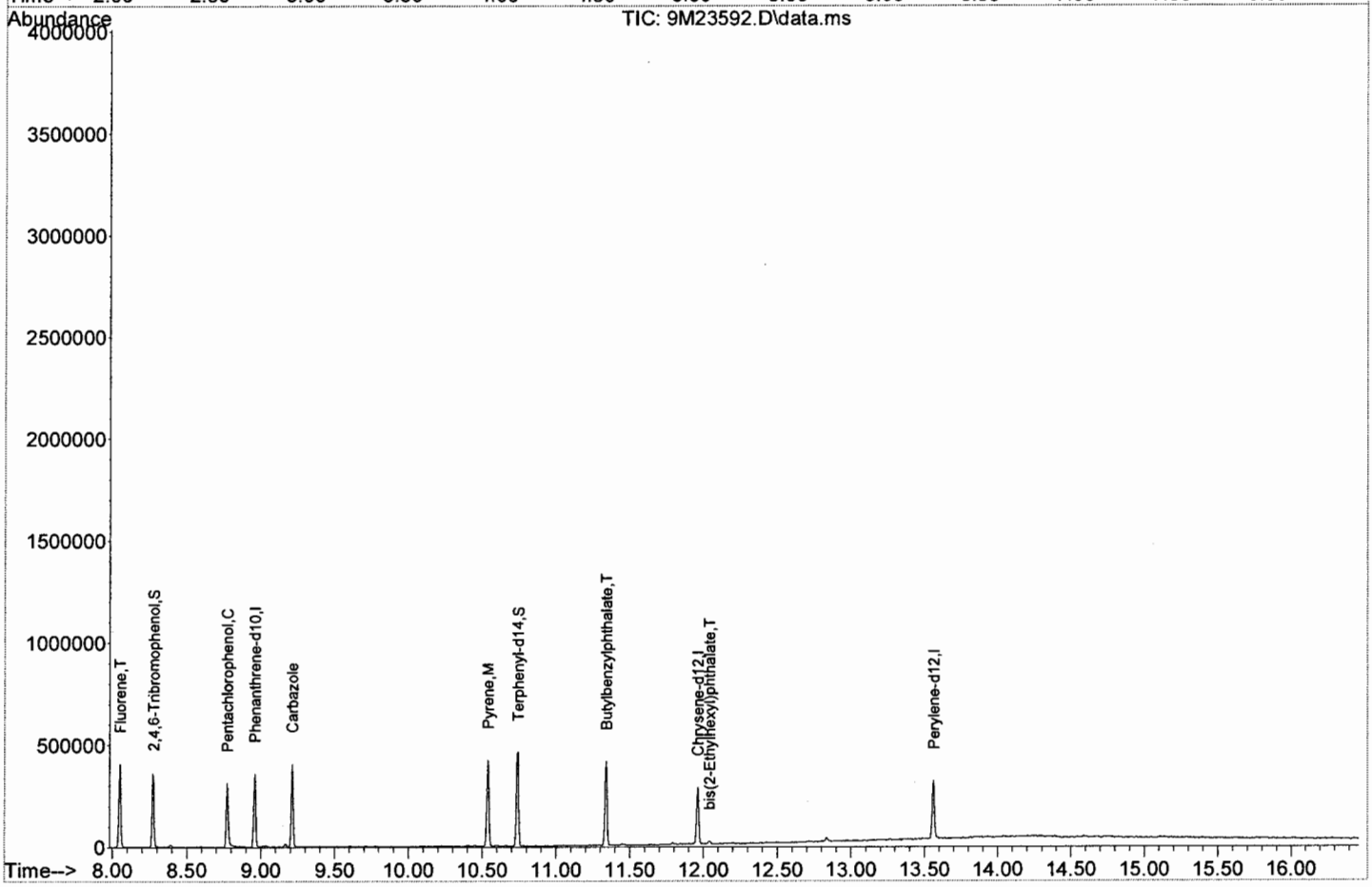
Quant QT Reviewed
SampleID : AC50087-003(MS)
Data File: 9M23592.D
Acq On : 03/ 5/10 17:19
Operator : AHD
Sam Mult : 1 Vial# : 12
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/08/10 06:58
Qt Upd On: 03/01/10 13:49
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 9M23592.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Perylene-d12,I
Time-->

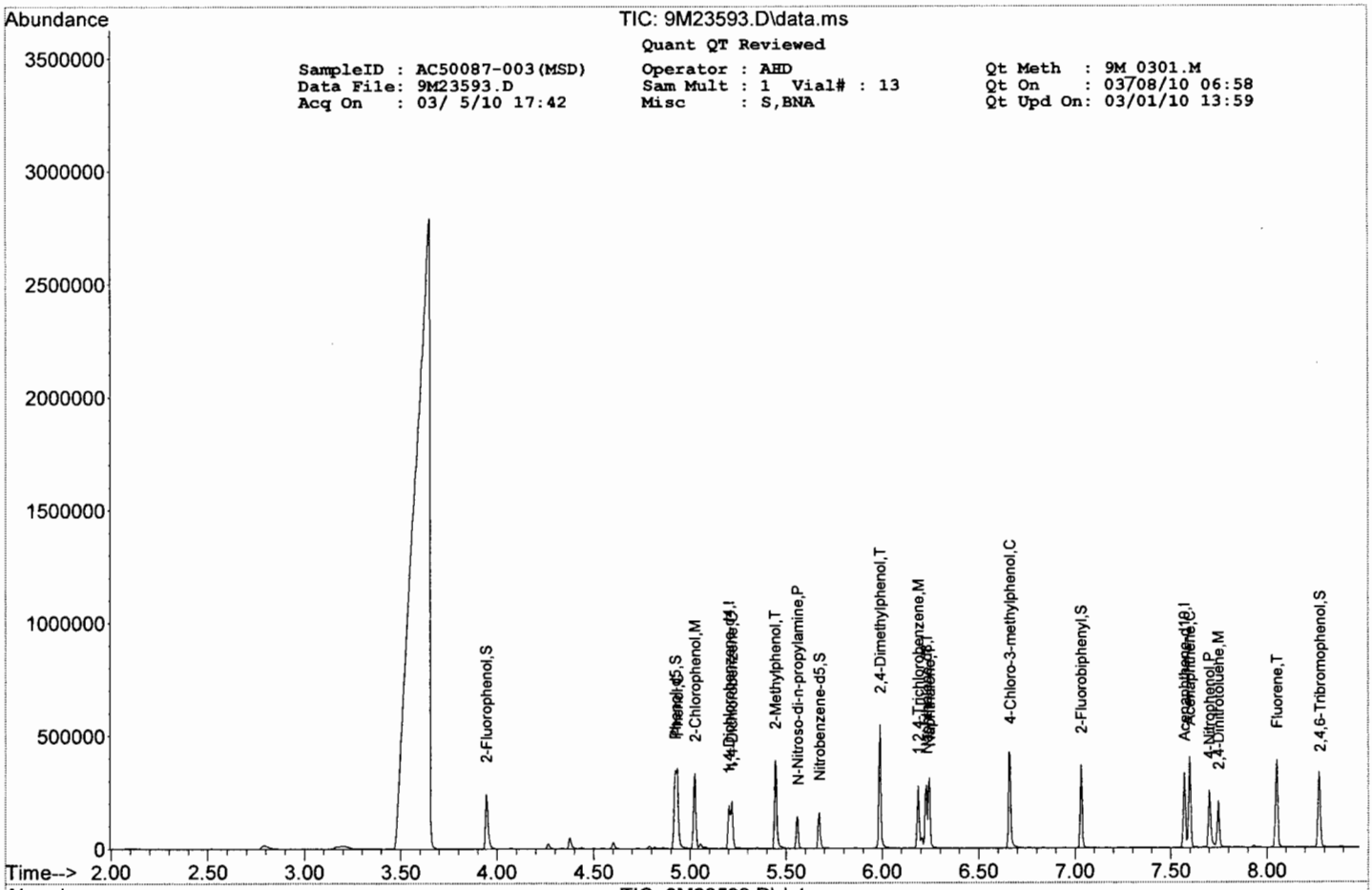
Quantitation Report (QT Reviewed)

SampleID : AC50087-003(MSD) Operator : AHD Qt Meth : 9M_0301.M
Data File: 9M23593.D Sam Mult : 1 Vial# : 13 Qt On : 03/08/10 06:58
Acq On : 03/ 5/10 17:42 Misc : S,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-05-10\
Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.201	152	21858	40.00	ng	-0.06
29) Naphthalene-d8	6.228	136	89746	40.00	ng	-0.06
47) Acenaphthene-d10	7.571	164	52758	40.00	ng	-0.07
73) Phenanthrene-d10	8.961	188	102663	40.00	ng	-0.08
87) Chrysene-d12	11.962	240	108457	40.00	ng	-0.10
102) Perylene-d12	13.561	264	101520	40.00	ng	-0.10
System Monitoring Compounds						
10) 2-Fluorophenol	3.944	112	62327	106.05	ng	-0.06
Spiked Amount 100.000			Recovery =	106.05%		
15) Phenol-d5	4.923	99	82800	108.04	ng	-0.05
Spiked Amount 100.000			Recovery =	108.04%		
30) Nitrobenzene-d5	5.672	128	17709	47.08	ng	-0.06
Spiked Amount 50.000			Recovery =	94.16%		
52) 2-Fluorobiphenyl	7.031	172	80519	44.61	ng	-0.06
Spiked Amount 50.000			Recovery =	89.22%		
76) 2,4,6-Tribromophenol	8.277	330	23850	124.98	ng	-0.08
Spiked Amount 100.000			Recovery =	124.98%		
90) Terphenyl-d14	10.743	244	137930	44.32	ng	-0.09
Spiked Amount 50.000			Recovery =	88.64%		
Target Compounds						Qvalue
16) Phenol	4.934	94	81355	97.47	ng	90
17) 2-Chlorophenol	5.025	128	70841	100.43	ng	79
20) 1,4-Dichlorobenzene	5.217	146	35381	45.13	ng	98
24) 2-Methylphenol	5.442	108	62662	107.60	ng	97
27) N-Nitroso-di-n-propyla...	5.560	70	24626	47.53	ng	76
34) 2,4-Dimethylphenol	5.988	107	77173	96.29	ng	94
38) 1,2,4-Trichlorobenzene	6.186	180	31696	42.07	ng	94
39) Naphthalene	6.244	128	107721	47.15	ng	99
43) 4-Chloro-3-methylphenol	6.662	107	65909	98.38	ng	77
61) Acenaphthene	7.598	153	74914	47.79	ng	96
65) 2,4-Dinitrotoluene	7.747	165	27291	49.02	ng	78
66) 4-Nitrophenol	7.699	65	31869	128.58	ng	74
68) Fluorene	8.052	166	86525	49.60	ng	100
81) Pentachlorophenol	8.774	266	28322	115.58	ng	93
84) Carbazole	9.213	167	142414	49.67	ng	98
88) Pyrene	10.539	202	180061	41.25	ng	88
94) Butylbenzylphthalate	11.342	149	95676	44.91	ng	80
101) bis(2-Ethylhexyl)phtha...	12.042	149	5762	1.84	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed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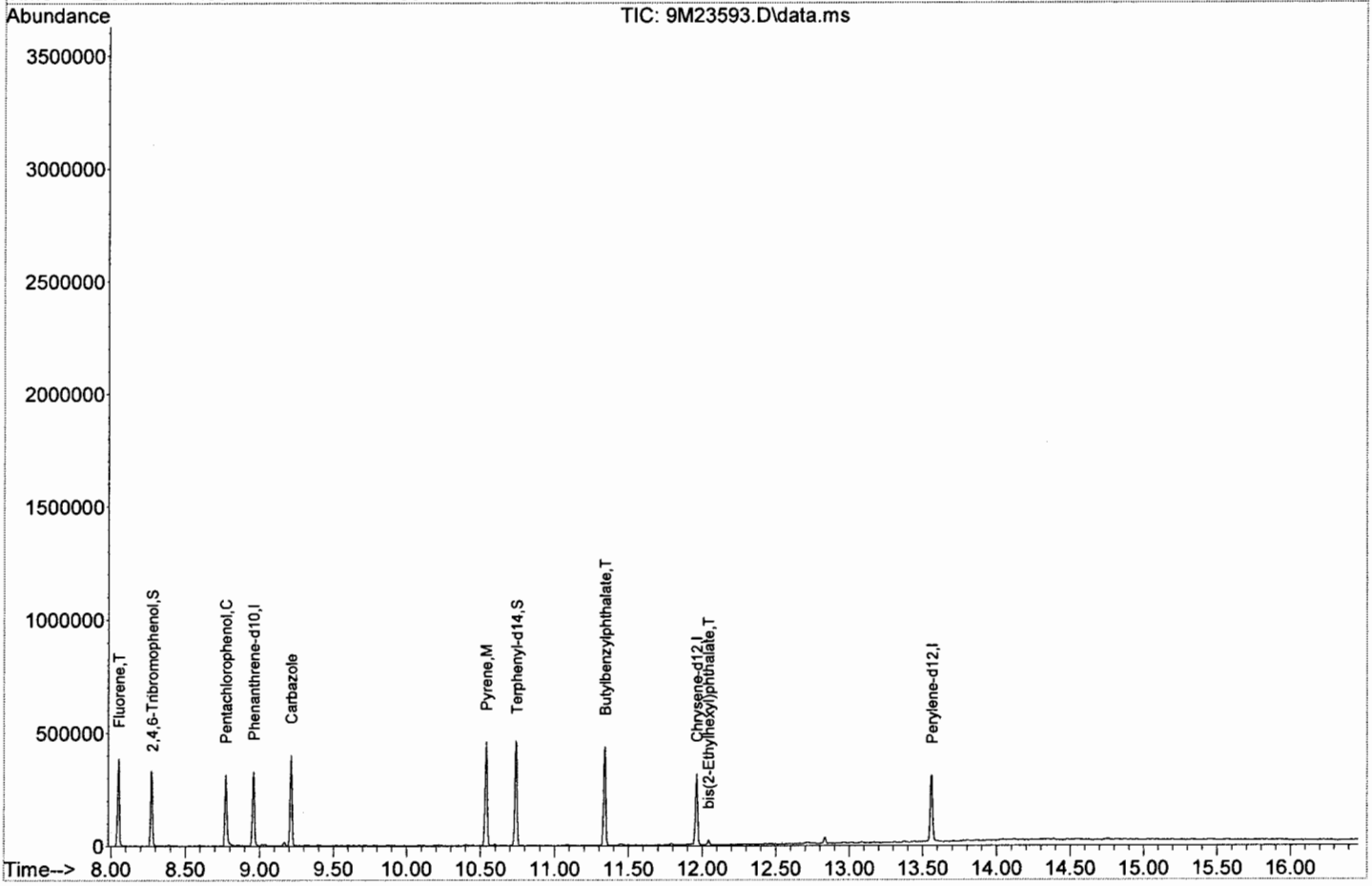
Quant QT Reviewed
SampleID : AC50087-003(MSD)
Data File: 9M23593.D
Acq On : 03/ 5/10 17:42
Operator : AHD
Sam Mult : 1 Vial# : 13
Misc : S,BNA
Qt Meth : 9M_0301.M
Qt On : 03/08/10 06:58
Qt Upd On: 03/01/10 13:59
2-Fluorophenol,S
2-Chlorophenol,M
2-Methylphenol,T
N-Nitroso-di-n-propylamine,P
Nitrobenzene-d5,S
2,4-Dimethylphenol,T
4-Chloro-3-methylphenol,C
2-Fluorobiphenyl,S
4-Nitrophenol,P
2,4-Dinitrotoluene,M
Fluorene,T
2,4,6-Tribromophenol,S
Time-->


Abundance
TIC: 9M23593.D\data.ms
Fluorene,T
2,4,6-Tribromophenol,S
Pentachlorophenol,C
Phenanthrene-d10,I
Carbazole
Pyrene,M
Terphenyl-d14,S
Butylbenzylphthalate,T
Chrysene-d12,I
bis(2-Ethylhexyl)phthalate,T
Perylene-d12,I
Time-->

GC/MS Semi-Volatile Data
Logbook Data

Hampton-Clarke/Veritech

Analysis: BN/ BNA /AE

Method Blank No. SMB- 4433 Date: 3/5/10
Blank Spike (SMBS): 4433 Matrix Spike: 50087-003
Blank Spike (SMBS): _____ Matrix Spike: _____

SONICATION EXTRACTION (3550B) UNLESS CHECKED HERE: ASE (3545)_____

Sample Number	# in Batch	Initial Weight (g)	Final Volume (ml)	Fraction			Extracted By	Extract Appearance			Comments
				BN	BNA	AE		Color	Clarity	Sediment	
MB 4433	X	30g	1.0 ml		X		VR MLC				
MBS 4433	X						MLC				
MS 50087-003	X						VR				
MSD 50087-003	X										
50087-003	1										
50087-001	2										
50087-002	3										
50087-004	4										
50106-001	5			X							
50109-001	6										
50112-001	7										
49930-019	8				X		MLC				
49930-021	9										
50108-001	10										
50108-002	11										
50108-003	12		4.5ml								
50108-004	13										
50108-005	14	MLC 3/5/10									
50150-001	15	X 30g	1.0ml		X		MLC				

Spike Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	Various	V.76014	BNSPK

Surrogate Standard

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	1000/2000	V.79284	BNSURR

Reagent Lots: MeCL2 V-4661 Acetone V.4462 Hexane _____ Na2SO4 V-4615 Ether _____ MTBE _____ Other _____

Relinquished By: VR / MLC Date: 3/5/10
Received By: GJS Date: 03/05/10

RUN LOG

1-1-9M23467

Instrument: GCMS_9 Year: 2010
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23467.	CAL DFTPP	Ed1=1.2:Oc	OK,V-81184	AHD		Aqueous	1	1		03/01 08:42
9M23468.	CAL BNA@50PPM	Is	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 09:05
9M23469.	CAL BNA@2PPM		OK,V-81948	AHD		Aqueous	1	1	625 8270	03/01 09:34
9M23470.	CAL BNA@10PPM		OK,V-81940	AHD		Aqueous	1	1	625 8270	03/01 09:57
9M23471.	CAL BNA@20PPM		OK,V-81941	AHD		Aqueous	1	1	625 8270	03/01 10:20
9M23472.	CAL BNA@80PPM		OK,V-81943	AHD		Aqueous	1	1	625 8270	03/01 10:43
9M23473.	CAL BNA@120PPM		OK,V-81944	AHD		Aqueous	1	1	625 8270	03/01 11:05
9M23474.	CAL BNA@160PPM	Oc	OK,V-81945	AHD		Aqueous	1	1	625 8270	03/01 11:28
9M23475.	CAL BNA@196PPM	Oc	OK,V-81946	AHD		Aqueous	1	1	625 8270	03/01 11:51
9M23476.	CAL BNA@50PPM		OK,V-81942	AHD		Aqueous	1	1	625 8270	03/01 12:44
9M23477.	ICV BNA@50PPM	Ivo	OK,V-81950	AHD		Aqueous	1	1	625 8270	03/01 13:06
9M23478.	SMB4427(MS)		OK SMB4427	AHD		Soil	1	1	8270	03/01 13:45
9M23479.	SMB4427		OK	AHD		Soil	1	1	8270	03/01 14:08
9M23480.	OMB1357		OK	AHD		OIL/OTH	1	1	8270	03/01 14:30
9M23481.	OMB1357(MS)		OK OMB1357	AHD		OIL/OTH	1	1	8270	03/01 14:53
9M23482.	SMB4425		OK	AHD		Soil	1	1	8270	03/01 15:15
9M23483.	AC50015-006(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/01 15:38
9M23484.	AC49952-001(5X)		OK	AHD	BNA25-8270	Soil	5	5	8270	03/01 16:01
9M23485.	AC49987-013		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 16:23
9M23486.	AC49987-014		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 16:46
9M23487.	AC49987-015		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 17:08
9M23488.	AC49987-016		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 17:31
9M23489.	AC49987-024		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 17:53
9M23490.	AC49987-028		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 18:16
9M23491.	AC49987-029	Oc	RR 3X	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/01 18:39
9M23492.	AC49968-001(3X)(R)	Sd	OK,SURRO.CONFIRMED	AHD	BNA25-8270	Soil	6	3	8270	03/01 19:01
9M23493.	AC49995-001(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/01 19:24
9M23494.	AC50048-002(20X)	SdOc	RR 60X	AHD	BNA-8270	Soil	40	20	8270	03/01 19:47
9M23495.	AC50049-001(20X)	Sd	OK	AHD	BNA-8270	Soil	120	20	8270	03/01 20:10
9M23496.	AC50049-002(20X)	SdOc	RR 60X	AHD	BNA-8270	Soil	140	20	8270	03/01 20:32
9M23497.	AC50049-003(20X)	SdTi8Oc	RR 60X	AHD	BNA-8270	Soil	30	20	8270	03/01 20:55

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Ending Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/pndates modcheckprepruncla	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

RUN LOG

1-1-9M23581

Instrument: GCMS_9 Year: 2010
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23581.	CAL DFTPP	Ed1=1.6:Oc	OK,V-81184	AHD		Aqueous	1	1		03/05 11:33
9M23582.	CAL BNA@50PPM	C16	OK,V-81942	AHD		Aqueous	1	1	625 8270	03/05 12:19
9M23583.	AC50095-002(100X)	Sd	OK	AHD	BNA-8270	Soil	250	100	8270	03/05 12:43
9M23584.	SMB4433(MS)		OK SMB4433	AHD		Soil	1	1	8270	03/05 13:06
9M23585.	SMB4433		OK	AHD		Soil	1	1	8270	03/05 13:29
9M23586.	AC50095-003(100X)	Sd	OK	AHD	BNA-8270	Soil	100	100	8270	03/05 13:52
9M23587.	AC50081-001(10X)		OK	AHD	BNA-8270	Soil	10	10	8270	03/05 14:15
9M23588.	AC50091-001(3X)		OK	AHD	BNPAH-8270	Soil	3	3	8270	03/05 15:26
9M23589.	AC50087-003		OK SMB4433	AHD	BN-NAPH-82	Soil	1	1	8270	03/05 16:11
9M23590.	AC50112-001(10X)		RR 3X	AHD	BNA25-8270	Soil	10	10	8270	03/05 16:34
9M23591.	AC50106-001(20X)		RR 10X	AHD	BNA25-8270	Soil	20	20	8270	03/05 16:57
9M23592.	AC50087-003(MS)		OK SMB4433	AHD	BN-NAPH-82	Soil	1	1	8270	03/05 17:19
9M23593.	AC50087-003(MSD)		OK SMB4433	AHD	BN-NAPH-82	Soil	1	1	8270	03/05 17:42
9M23594.	AC50108-001		OK	AHD	BNA25-8270	Soil	1	1	8270	03/05 18:05
9M23595.	AC50108-004		OK	AHD	BNA25-8270	Soil	1	1	8270	03/05 18:28
9M23596.	AC49930-021(10X)	Eo	RR 3X	AHD	BNA25-8270	Soil	10	10	8270	03/05 18:51
9M23597.	AC49930-019(20X)	Eo	RR 3X	AHD	BNA25-8270	Soil	20	20	8270	03/05 19:13
9M23598.	AC50108-003(20X)		RR 5X	AHD	BNA25-8270	Soil	90	20	8270	03/05 19:36
9M23599.	AC50108-005(20X)		RR 5X	AHD	BNA25-8270	Soil	20	20	8270	03/05 19:59
9M23600.	AC50109-001(3X)		OK	AHD	BNA25-8270	Soil	3	3	8270	03/05 20:21
9M23601.	AC50108-002(10X)		RR STRAIGHT	AHD	BNA25-8270	Soil	10	10	8270	03/05 20:44
9M23602.	AC50112-001(3X)		OK,BAD MATRIX	AHD	BNA25-8270	Soil	3	3	8270	03/05 21:07
9M23603.	AC50106-001(10X)		OK	AHD	BNA25-8270	Soil	10	10	8270	03/05 21:29
9M23604.	TEST		OK	AHD		Soil	1	1	8270	03/05 21:52
9M23605.	TEST		OK	AHD		Soil	1	1	8270	03/05 22:14
9M23606.	TEST					Soil	1	1	8270	03/05 22:37

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tclp/Solvent Extraction Date Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tclp Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or anddn
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calrpt csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endico Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a samol	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Eba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Emp	Problem Checking Prep/updates modcheckpreprunda	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 800 ser Too many samples begin Calibration

1-1-9M23607

RUN LOG

Instrument: GCMS_9 Year: 2010
Analyst: AHD

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23607.	CAL DFTPP	Ed1=1.8:Oc	OK,V-81184	AHD		Aqueous	1	1		03/08 08:12
9M23608.	CAL BNA@50PPM	C16	OK,V-81942	AHD		Aqueous	1	1	625 8270	03/08 08:55
9M23609.	AC50108-002		OK	AHD	BNA25-8270	Soil	1	1	8270	03/08 09:23
9M23610.	AC49930-019(3X)	Eo	OK	AHD	BNA25-8270	Soil	3	3	8270	03/08 09:46
9M23611.	AC49930-021(3X)	SdEo	RR	AHD	BNA25-8270	Soil	3	3	8270	03/08 10:09
9M23612.	AC50108-005(5X)		OK	AHD	BNA25-8270	Soil	5	5	8270	03/08 10:31
9M23613.	AC50108-003(5X)	Sd	RR	AHD	BNA25-8270	Soil	22.5	5	8270	03/08 10:54
9M23614.	AC49930-021(3X)	Eo	OK	AHD	BNA25-8270	Soil	3	3	8270	03/08 12:03
9M23615.	AC50108-003(5X)	Sd	RR 10X	AHD	BNA25-8270	Soil	22.5	5	8270	03/08 12:26
9M23616.	AC50108-003(10X)		OK,BAD MATRIX	AHD	BNA25-8270	Soil	45	10	8270	03/08 12:54
9M23617.	SMB4434(MS)		OK SMB4434	AHD		Soil	1	1	8270	03/08 13:17
9M23618.	SMB4434		OK	AHD		Soil	1	1	8270	03/08 13:39
9M23619.	AC50052-005	Oc	RR 3X	JB	BN-8270	Soil	1	1	8270	03/08 15:05
9M23620.	AC50146-001		OK	AHD	BNA25-8270	Soil	1	1	8270	03/08 15:28
9M23621.	AC50198-001		OK	AHD	BNA-8270	Soil	1	1	8270	03/08 15:50
9M23622.	AC50198-002		OK SMB4434	AHD	BNA-8270	Soil	1	1	8270	03/08 16:13
9M23623.	AC50198-002(MS)		OK SMB4434	AHD	BNA-8270	Soil	1	1	8270	03/08 16:36
9M23624.	AC50198-002(MSD)		OK SMB4434	AHD	BNA-8270	Soil	1	1	8270	03/08 16:58
9M23625.	MBS TEST	C6f	TEST RUN MBS TEST	AHD		Aqueous	1	1	625 8270	03/08 17:21
9M23626.	AC50198-003		OK	AHD	BNA-8270	Soil	1	1	8270	03/08 17:44
9M23627.	AC50198-004		OK	AHD	BNA-8270	Soil	1	1	8270	03/08 18:07
9M23628.	AC50052-005(3X)	Oc	OK	AHD	BN-8270	Soil	3	3	8270	03/08 18:30

Anc	Area Not Checked	Eo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
Ao	Area Out	Esm	Solvent Extraction Date Missing/Not check'd	EvF	Eval Mix Failed
B6m	Blank 600 series missing	Etn	Tcln/Solvent Extraction Data Missing/Not check'd	Evnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Eto	Tcln Extraction Performed Outside of Hold	Evrc	Eval Mix missing ddt or endrin
Bnf	Blank Not Found/Assigned	Ev	Eval Time Exceeded	R16 R26	Rpd Out on MsMsd (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rpd Out on MsMsd (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C6f	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt.csv for init calibration chek rfs	Sa6 Sb6	Acid and or BN Surrogate Out (600 series)
Cme	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning .Ini cal file <> method	Sa8 Sb8	Acid and or BN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spike Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spike Out Col 1 600 series Acid and or BN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or BN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checking Prep/updates modcheckprepfunds	Mnc	Spike Not Checked for this ms/msd	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-62910

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: DFTPP STOCK STD. | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 3/24/2009 | Concentration: 2000 ppm | Checked: Yes
Expiration Date: 3/24/2010 | Final Volume: 5 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3993	Methylene Chloride	5 ml	neat neat	
3203	DFTPP	.01 g	neat	2000 ppm

Veritech Lot Number: V-63020

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: Pyridine Stock Std. | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 3/26/2009 | Concentration: 10,000 ppm | Checked: Yes
Expiration Date: 3/26/2010 | Final Volume: 1 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3803	PYRIDINE	10 ul	NEAT neat	10000 ppm
3993	Methylene Chloride	990 ul	neat neat	

Veritech Lot Number: V-67466

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA Internal Std. | BatchNumber: | ApproveDate: 07/30/09
Prep Date: 6/11/2009 | Concentration: 2000 ppm | Checked: Yes
Expiration Date: 6/11/2010 | Final Volume: 500 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4176	Naphthalene-D8	1 g	neat neat	2000 ppm
4173	Phenanthrene-D10	1 g	neat neat	2000 ppm
2613	Chrysene	1 g	neat neat	2000 ppm
4174	Perylene-D12	1 g	neat neat	2000 ppm
2615	1,4-Dichlorobenzene-d4	1 g	neat neat	2000 ppm
4172	Acenaphthene-D10	1 g	neat neat	2000 ppm
4157	METHYLENE CHLORIDE	500 ml	NEAT neat	

Veritech Lot Number: V-73986

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA-Pest Mix | BatchNumber: | ApproveDate: 10/02/09
Prep Date: 9/28/2009 | Concentration: 1000 ppm | Checked: Yes
Expiration Date: 9/27/2010 | Final Volume: 10 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3639	4.4'-DDT	.01 g	NEAT	1000 ppm
3640	4.4'-DDD	.01 g	NEAT	1000 ppm
3641	4.4'-DDE	.01 g	NEAT	1000 ppm
3642	ENDRIN	.01 g	NEAT	1000 ppm
4390	Endrin Aldehyde	.01 g	neat neat	1000 ppm
4391	Endrin Ketone	.01 g	neat neat	1000 ppm
4396	METHYLENE CHLORIDE	10 ml	neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-76014

Prepared By: Hamid, Akmal
Description: BNA SOIL SPIKE MIX
Prep Date: 10/30/2009
Expiration Date: 10/30/2010
Department: Organics
BatchNumber:
Concentration: Various
Final Volume: 200 ml
ApprovedBy: akmal
ApproveDate: 11/02/09
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4257	Acetone	200 ml	neat neat	
3294	Pentachlorophenol	.4 g	neat	2000 ppm
3732	4-Nitrophenol	.4 g	neat neat	2000 ppm
3733	Phenol	.4 g	neat neat	2000 ppm
2814	4-CHLORO-3-METHYLPHENOL	.4 g	NEAT neat	2000 ppm
3742	2-CHLOROPHENOL	.4 g	NEAT neat	2000 ppm
2845	2-Methylphenol	.4 g	neat neat	2000 ppm
3295	2,4-Dimethylphenol	.4 g	neat neat	2000 ppm
2338	1,2,4-Trichlorobenzene	.2 g	neat neat	1000 ppm
4499	1,4-DICHLOROBENZENE	.2 g	neat neat	1000 ppm
1886	CARBAZOLE	.2 g	NEAT	1000 ppm
1885	BUTYL BENZYL PHTHALATE	.2 g	NEAT	1000 ppm
2849	Fluorene	.2 g	neat neat	1000 ppm
2850	Naphthalene	.2 g	neat neat	1000 ppm
2851	N-Nitroso-n-propylamine	.2 g	neat neat	1000 ppm
2852	2,4-Dinitrotoluene	.2 g	neat neat	1000 ppm
2853	Pyrene	.2 g	neat neat	1000 ppm
3736	Acenaphthene	.2 g	neat neat	1000 ppm

Veritech Lot Number: V-79284

Prepared By: Hamid, Akmal
Description: BNA Surrog.Std.
Prep Date: 1/6/2010
Expiration Date: 2/6/2011
Department: Organics
BatchNumber:
Concentration: 1000-2000 pp
Final Volume: 1000 ml
ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2587	2-Fluorobiphenyl	1 g	neat neat	1000 ppm
2930	p-Terphenyl-d14	.7 g	neat neat	700 ppm
3876	p-Terphenyl-d14	.3 g	NEAT neat	300 ppm
3877	PHENOL-2,3,4,5,6-d5,	2 g	NEAT neat	2000 ppm
2874	2-FLUOROPHENOL	1.6 ml	NEAT neat	2000 ppm
2584	Nitrobenzene-d5	800 ul	Neat neat	1000 ppm
2585	2,4,6-Tribromophenol	2 g	Neat neat	2000 ppm
4583	Acetone	1000 ml	neat neat	

Veritech Lot Number: V-79288

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1
Prep Date: 1/6/2010
Expiration Date: 1/6/2011
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3977	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
4582	methylene chloride	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-79292

Prepared By: Hamid, Akmal
Description: 8270 EXTRA MIX#1(2nd Source)
Prep Date: 1/6/2010
Expiration Date: 1/6/2011
Department: Organics
BatchNumber:
Concentration: 10000 ppm
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 01/08/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3977	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
1810	1,2,4,5-TETRACHLOROBENZENE	.1 g	NEAT	10000 ppm
1809	DIPHENYL ETHER	.1 g	NEAT	10000 ppm
1431	E-Caprolactam	.1 g	Neat neat	10000 ppm
1430	Benzaldehyde	.1 g	Neat neat	10000 ppm
4583	Acetone	10 ml	neat neat	

Veritech Lot Number: V-81184

Prepared By: Hamid, Akmal
Description: DFTPP Mix
Prep Date: 2/12/2010
Expiration Date: 3/24/2010
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 1 ml
ApprovedBy: jean
ApproveDate: 02/16/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-62910	DFTPP STOCK STD.	25 ul	2000 ppm	50 ppm
4427	DDT/ENDRIN MIX	200 ul	500 ppm	100 ppm
4507	TCL Phenols/Benzidines Mix	50 ul	2000 ppm	100 ppm
4434	METHYLENE CHLORIDE	725 ul	neat	

Veritech Lot Number: V-81922

Prepared By: Hamid, Akmal
Description: BNA-5 MIX
Prep Date: 3/1/2010
Expiration Date: 3/1/2011
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
4005	n-Decane	.05 g	Neat neat	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
3818	1,4-Dimethylnaphthalene	.0518 g	96.5%	5000 ppm
4715	Methylene chloride	10 ml	neat neat	

Veritech Lot Number: V-81923

Prepared By: Hamid, Akmal
Description: BNA-6 MIX
Prep Date: 3/1/2010
Expiration Date: 3/1/2011
Department: Organics
BatchNumber:
Concentration: 5000 ppm
Final Volume: 10 ml
ApprovedBy: jean
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2176	PENTACHLOROETHANE	.05 g	NEAT	5000 ppm
2394	n-Octadecane	.05 g	NEAT	5000 ppm
4005	n-Decane	.05 g	Neat neat	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
3818	1,4-Dimethylnaphthalene	.0518 g	96.5%	5000 ppm
4004	2,3,4,6-Tetrachlorophenol	.05 g	Neat neat	5000 ppm
4715	Methylene chloride	10 ml	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81938

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA STOCK Std.A | BatchNumber: | ApproveDate: 03/02/10
Prep Date: 3/1/2010 | Concentration: 250 ppm | Checked: Yes
Expiration Date: 9/1/2010 | Final Volume: 1.2 ml

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4504	8270 MegaMix	300 ul	1000 ppm	250 ppm
V-73986	BNA-Pest Mix	300 ul	1000 ppm	250 ppm
4455	Benzoic Acid	150 ul	2000 ppm	250 ppm
4456	Benzidine Cal Mix	150 ul	2000 ppm	250 ppm
V-79284	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
v-81922	BNA-5 MIX	60 ul	5000 ppm	250 ppm
4715	Methylene chloride	90 ul	neat neat	

Veritech Lot Number: V-81939

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA STOCK Std. | BatchNumber: | ApproveDate: 03/02/10
Prep Date: 3/1/2010 | Concentration: 200 ppm | Checked: Yes
Expiration Date: 9/1/2010 | Final Volume: 500 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-79288	8270 EXTRA MIX#1	10 ul	10000 ppm	200 ppm
4715	Methylene chloride	90 ul	neat neat	
V-81938	BNA STOCK Std.A	400 ul	250 ppm	200 ppm

Veritech Lot Number: V-81940

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA 10 ppm curve | BatchNumber: B-7250 | ApproveDate: 03/02/10
Prep Date: 3/1/2010 | Concentration: 10 ppm | Checked: Yes
Expiration Date: 6/11/2010 | Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	5 ul	200 ppm	10 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	93 ul	neat neat	

Veritech Lot Number: V-81941

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA 20 ppm curve | BatchNumber: B-7250 | ApproveDate: 03/02/10
Prep Date: 3/1/2010 | Concentration: 20 ppm | Checked: Yes
Expiration Date: 6/11/2010 | Final Volume: 100 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	10 ul	200 ppm	20 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	88 ul	neat neat	

Veritech Lot Number: V-81942

Prepared By: Hamid, Akmal | Department: Organics | ApprovedBy: jean
Description: BNA 50 ppm curve | BatchNumber: B-7250 | ApproveDate: 03/02/10
Prep Date: 3/1/2010 | Concentration: 50 ppm | Checked: Yes
Expiration Date: 6/11/2010 | Final Volume: 600 ul

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-67466	BNA Internal Std.	12 ul	2000 ppm	40 ppm
4715	Methylene chloride	438 ul	neat neat	
V-81939	BNA STOCK Std.	150 ul	200 ppm	50 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81943

Prepared By:	Hamid, Akmal	Department: Organics	ApprovedBy: jean
Description:	BNA 80 ppm curve	BatchNumber: B-7250	ApproveDate: 03/02/10
Prep Date:	3/1/2010	Concentration: 80 ppm	Checked: Yes
Expiration Date:	6/11/2010	Final Volume: 100 ul	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	40 ul	200 ppm	80 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-81944

Prepared By:	Hamid, Akmal	Department: Organics	ApprovedBy: jean
Description:	BNA 120 ppm curve	BatchNumber: B-7250	ApproveDate: 03/02/10
Prep Date:	3/1/2010	Concentration: 120 ppm	Checked: Yes
Expiration Date:	6/11/2010	Final Volume: 100 ul	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	60 ul	200 ppm	120 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-81945

Prepared By:	Hamid, Akmal	Department: Organics	ApprovedBy: jean
Description:	BNA 160 ppm curve	BatchNumber: B-7250	ApproveDate: 03/02/10
Prep Date:	3/1/2010	Concentration: 160 ppm	Checked: Yes
Expiration Date:	6/11/2010	Final Volume: 100 ul	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	80 ul	200 ppm	160 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	18 ul	neat neat	

Veritech Lot Number: V-81946

Prepared By:	Hamid, Akmal	Department: Organics	ApprovedBy: jean
Description:	BNA 196 ppm curve	BatchNumber: B-7250	ApproveDate: 03/02/10
Prep Date:	3/1/2010	Concentration: 196 ppm	Checked: Yes
Expiration Date:	6/11/2010	Final Volume: 100 ul	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	98 ul	200 ppm	196 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	0	neat neat	

Veritech Lot Number: V-81947

Prepared By:	Hamid, Akmal	Department: Organics	ApprovedBy: jean
Description:	BNA 50 ppm curve	BatchNumber: B-7250	ApproveDate: 03/02/10
Prep Date:	3/1/2010	Concentration: 50 ppm	Checked: Yes
Expiration Date:	6/11/2010	Final Volume: 100 ul	

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81939	BNA STOCK Std.	25 ul	200 ppm	50 ppm
4715	Methylene chloride	75 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-81948

Prepared By: Hamid, Akmal
Description: BNA 2 ppm curve
Prep Date: 3/1/2010
Expiration Date: 6/11/2010
Department: Organics
BatchNumber: B-7250
Concentration: 2 ppm
Final Volume: 100 ul
ApprovedBy: jean
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-81947	BNA 50 ppm curve	4 ul	50 ppm	2 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4715	Methylene chloride	94 ul	neat neat	

Veritech Lot Number: V-81949

Prepared By: Hamid, Akmal
Description: BNA STOCK Std.B
Prep Date: 3/1/2010
Expiration Date: 3/26/2010
Department: Organics
BatchNumber:
Concentration: 250 ppm
Final Volume: 1.2 ml
ApprovedBy: jean
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
3173	Tcl PAH Mix	150 ul	2000 ppm	250 ppm
4507	TCL Phenols/Benzidines Mix	150 ul	2000 ppm	250 ppm
4506	TCL Hazardous Substances Mix	150 ul	2000 ppm	250 ppm
4505	TCL Base-Neutral Mix	150 ul	2000 ppm	250 ppm
V-79284	BNA Surrog.Std.	150 ul	1000-2000 pp	125-250 pp
V-63020	Pyridine Stock Std.	30 ul	10,000 ppm	250 ppm
V-81923	BNA-6 MIX	60 ul	5000 ppm	250 ppm
4715	Methylene chloride	360 ul	neat neat	

Veritech Lot Number: V-81950

Prepared By: Hamid, Akmal
Description: BNA ICV CAL@50PPM
Prep Date: 3/1/2010
Expiration Date: 3/26/2010
Department: Organics
BatchNumber:
Concentration: 50 ppm
Final Volume: 0.2 ml
ApprovedBy: jean
ApproveDate: 03/02/10
Checked: Yes

Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4715	Methylene chloride	155 ul	neat neat	
V-81949	BNA STOCK Std.B	40 ul	250 ppm	50 ppm
V-79292	8270 EXTRA MIX#1(2nd Source)	1 ul	10000 ppm	50 ppm
V-67466	BNA Internal Std.	4 ul	2000 ppm	40 ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 1430

Description
Benzaldehyde

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	B1334-2G	08505LB	02/20/04	02/20/11	Hamid, Akmal	1	2G	Neat	Neat

Veritech Control/Receipt Number: 1431

Description
E-Caprolactam

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Aldrich	C2204-5G	05824JI	02/20/04	02/20/11	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 1809

Description
DIPHENYL ETHER

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	240834-5G	09303PC	06/23/06	06/23/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1810

Description
1,2,4,5-TETRACHLOROBENZENE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	131857-5G	06024AI	06/27/06	06/27/20	Revolus, Jean	1	5G	NEAT	

Veritech Control/Receipt Number: 1885

Description
BUTYL BENZYL PHTHALATE

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	PT-10	361-91B	08/09/06	04/30/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 1886

Description
CARBAZOLE

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2001	364-113C	08/09/06	07/31/11	Revolus, Jean	1	2G	NEAT	

Veritech Control/Receipt Number: 2176

Description
PENTACHLOROETHANE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F937	376-75A	01/22/07	01/31/12	Revolus, Jean	1	5g	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2185

Description
BIPHENYL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F1062	348-144A	01/29/07	10/31/11	Revolus, Jean	1	5g	NEAT	

Veritech Control/Receipt Number: 2338

Description
1,2,4-Trichlorobenzene

ApprovedBy: FRANK
ApproveDate: 11/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F8	366-78A	04/03/07	11/30/11	Hamid, Akmal	3	3g	neat	neat

Veritech Control/Receipt Number: 2394

Description
n-Octadecane

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2188	381-22A	05/03/07	04/30/13	Revolus, Jean	1	2g	NEAT	

Veritech Control/Receipt Number: 2584

Description
Nitrobenzene-d5

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	151955	ST1692	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2585

Description
2,4,6-Tribromophenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	137715	14726KD	06/24/07	04/03/12	Hamid, Akmal	1	5g	Neat	Neat

Veritech Control/Receipt Number: 2587

Description
2-Fluorobiphenyl

ApprovedBy: jean
ApproveDate: 01/14/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	102741	01602BE	06/24/07	04/03/12	Hamid, Akmal	2	5	neat	neat

Veritech Control/Receipt Number: 2613

Description
Chrysene

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-261-001	PR-17865/01227CH	07/10/07	04/16/12	Hamid, Akmal	3	3g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2615

Description
1,4-Dichlorobenzene-d4

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-268	PR-12866/06201DB1	07/10/07	04/16/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2814

Description
4-CHLORO-3-METHYLPHENOL

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F22	392-28A	10/16/07	10/31/10	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 2845

Description
2-Methylphenol

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F711	383-91A	10/31/07	06/30/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2849

Description
Fluorene

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F80	368-40B	10/31/07	08/31/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2850

Description
Naphthalene

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F55	381--115A	10/31/07	06/30/12	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 2851

Description
N-Nitroso-n-propylamine

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F63	377-108B	10/31/07	06/03/11	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2852

Description
2,4-Dinitrotoluene

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F35	371-123A	10/31/07	11/30/11	Hamid, Akmal	2	2g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 2853

Description
Pyrene

ApprovedBy: akmal
ApproveDate: 08/12/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
chem service	F84	390-36B	10/31/07	09/12/12	Hamid, Akmal	2	2g	neat	neat

Veritech Control/Receipt Number: 2874

Description
2-FLUOROPHENOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ALDRICH	F12804-10G	01816PE	11/15/07	11/15/20	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 2930

Description
p-Terphenyl-d14

ApprovedBy: jean
ApproveDate: 12/02/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Isotec	364630-500MG	EW1627	12/06/07	12/05/12	Hamid, Akmal	5	500m	neat	neat

Veritech Control/Receipt Number: 3173

Description
Tcl PAH Mix

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	48905-U	LB49970	03/24/08	08/31/10	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 3203

Description
DFTPP

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	442543	LB52744	04/01/08	10/31/10	Hamid, Akmal	1	100m	neat	

Veritech Control/Receipt Number: 3294

Description
Pentachlorophenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F64	401-96B	04/24/08	04/30/13	Hamid, Akmal	2	1g	neat	

Veritech Control/Receipt Number: 3295

Description
2,4-Dimethylphenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F34	396-115A	04/24/08	03/31/13	Hamid, Akmal	2	1gm	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3639

Description
4.4'-DDT

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F92	402-104B	09/26/08	06/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3640

Description
4.4'-DDD

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F94	407-7A	09/26/08	07/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 3641

Description
4.4'-DDE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F93	407-64A	09/26/08	08/31/14	Revolus, Jean	1	100m	NEAT	

Veritech Control/Receipt Number: 3642

Description
ENDRIN

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F98	402-16A	09/26/08	04/30/12	Revolus, Jean	1	250m	NEAT	

Veritech Control/Receipt Number: 3732

Description
4-Nitrophenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	F58	409-36B	11/12/08	08/31/11	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 3733

Description
Phenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	F65	404-20B	11/12/08	05/31/14	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 3736

Description
Acenaphthene

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	O-782	380-77B	11/12/08	03/31/13	Hamid, Akmal	1	5g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3742

Description
2-CHLOROPHENOL

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	F24	414-90A	11/13/08	11/30/12	Hamid, Akmal	1	5g	NEAT	NEAT

Veritech Control/Receipt Number: 3798

Description
ACETOPHENONE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	O-821	383-95A	01/02/09	06/30/12	Hamid, Akmal	1	10G	NEAT	NEAT

Veritech Control/Receipt Number: 3803

Description
PYRIDINE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
FISHER	P368-500	085002	01/06/09	01/05/12	Miller,Gael E.	1	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3818

Description
1,4-Dimethylnaphthalene

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F1020	3999-95B	01/07/09	05/31/12	Hamid, Akmal	5	0.1g	96.5%	

Veritech Control/Receipt Number: 3876

Description
p-Terphenyl-d14

ApprovedBy: jean
ApproveDate: 01/14/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ISOTEC	364630-500	CX0564	01/27/09	01/27/13	Hamid, Akmal	2	500M	NEAT	NEAT

Veritech Control/Receipt Number: 3877

Description
PHENOL-2,3,4,5,6-d5,

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ISOTEC	425370-5G	EW0108	01/27/09	01/27/14	Hamid, Akmal	1	5G	NEAT	NEAT

Veritech Control/Receipt Number: 3977

Description
ATRAZINE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEM SERVICE	F2208	401-135A	03/11/09	04/30/11	Revolus, Jean	1	500m	NEAT	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 3993

Description
Methylene Chloride

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	G51403	03/24/09	03/23/11	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 4004

Description
2,3,4,6-Tetrachlorophenol

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F1086	395-102B	03/26/09	01/31/12	Hamid, Akmal	5	250m	Neat	Neat

Veritech Control/Receipt Number: 4005

Description
n-Decane

ApprovedBy: akmal
ApproveDate: 03/02/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F2182	419-26A	03/26/09	01/31/14	Hamid, Akmal	1	1g	Neat	Neat

Veritech Control/Receipt Number: 4157

Description
METHYLENE CHLORIDE

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T BAKER	926403	G51403	06/02/09	06/01/11	Okomeng, Maxwel	120	4LT	NEAT	NEAT

Veritech Control/Receipt Number: 4172

Description
Acenaphthene-D10

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-108	PR-19991	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4173

Description
Phenanthrene-D10

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-371	PR19222	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4174

Description
Perylene-D12

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-366	PR16756	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4176

Description
Naphthalene-D8

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CIL	DLM-365	PR-17975/12076NP2	06/11/09	06/11/16	Hamid, Akmal	2	1g	neat	neat

Veritech Control/Receipt Number: 4257

Description
Acetone

ApprovedBy: jean
ApproveDate: 07/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	925403	H02E60	07/21/09	07/20/11	Lopez, Jose	4	4L	neat	neat

Veritech Control/Receipt Number: 4390

Description
Endrin Aldehyde

ApprovedBy: jean
ApproveDate: 09/14/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F99	426-80A	09/11/09	09/30/12	Hamid, Akmal	2	10mg	neat	neat

Veritech Control/Receipt Number: 4391

Description
Endrin Ketone

ApprovedBy: jean
ApproveDate: 09/14/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F2022	419-26B	09/11/09	01/31/13	Hamid, Akmal	2	10mg	neat	neat

Veritech Control/Receipt Number: 4396

Description
METHYLENE CHLORIDE

ApprovedBy: jean
ApproveDate: 09/15/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.BAKER	926403	H30S12	09/15/09	10/30/10	Okomeng, Maxwel	72	4LT	neat	

Veritech Control/Receipt Number: 4427

Description
DDT/ENDRIN MIX

ApprovedBy: jean
ApproveDate: 10/06/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	4-8282	LB52469	09/29/09	10/31/10	Hamid, Akmal	3	1ML	500	PPM

Veritech Control/Receipt Number: 4434

Description
METHYLENE CHLORIDE

ApprovedBy: jean
ApproveDate: 10/01/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.BAKER	926403	H30S12	09/29/09	10/30/10	Okomeng, Maxwel	120	4LT	neat	

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4455

Description
Benzoic Acid

ApprovedBy: jean
ApproveDate: 10/14/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31879	A067682	10/13/09	05/31/13	Hamid, Akmal	2	1ml	2000	ppm

Veritech Control/Receipt Number: 4456

Description
Benzidine Cal Mix

ApprovedBy: jean
ApproveDate: 10/14/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31030	A066003	10/13/09	03/31/17	Hamid, Akmal	2	1ml	2000	ppm

Veritech Control/Receipt Number: 4499

Description
1,4-DICHLOROBENZENE

ApprovedBy: akmal
ApproveDate: 10/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Chem Service	F27	414-85B	10/30/09	11/30/13	Hamid, Akmal	1	5g	neat	neat

Veritech Control/Receipt Number: 4504

Description
8270 MegaMix

ApprovedBy: akmal
ApproveDate: 11/05/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Restek	31850	A070659	11/04/09	04/30/11	Hamid, Akmal	2	1ml	1000	ppm

Veritech Control/Receipt Number: 4505

Description
TCL Base-Neutral Mix

ApprovedBy: akmal
ApproveDate: 11/06/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47991-U	LB67896	11/06/09	06/30/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 4506

Description
TCL Hazardous Substances Mix

ApprovedBy: akmal
ApproveDate: 11/06/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47990-U	LB64301	11/06/09	01/31/12	Hamid, Akmal	1	1ml	2000	ppm

Veritech Control/Receipt Number: 4507

Description
TCL Phenols/Benzidines Mix

ApprovedBy: akmal
ApproveDate: 11/06/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	11/06/09	07/31/11	Hamid, Akmal	1	1ml	2000	ppm

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4582

Description
methylene chloride

ApprovedBy: akmal
ApproveDate: 12/30/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	H45S00	12/29/09	02/27/11	Lopez, Jose	120	4L	neat	neat

Veritech Control/Receipt Number: 4583

Description
Acetone

ApprovedBy: jean
ApproveDate: 01/14/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	H15E22	12/29/09	07/30/11	Lopez, Jose	32	4L	neat	neat

Veritech Control/Receipt Number: 4715

Description
Methylene chloride

ApprovedBy: jean
ApproveDate: 02/23/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9264-03	H50S00	02/23/10	03/31/11	Lopez, Jose	120	4L	neat	neat

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4462

Description
Acetone

ApprovedBy: jean
ApproveDate: 10/15/09
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	925403	H32E31	10/13/09	11/29/10	Okomeng, Maxwel	8	4LT	neat	

Veritech Control/Receipt Number: 4615

Description
Sodium Sulfate

ApprovedBy: jean
ApproveDate: 01/21/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Seidler	SC-3375-1C	933101	01/12/10	01/12/12	Okomeng, Maxwel	4	100L	neat	neat

Veritech Control/Receipt Number: 4661

Description
Methylene chloride

ApprovedBy: jean
ApproveDate: 01/27/10
Checked: Yes

Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J T Baker	9264-03	H45S00	01/26/10	02/28/11	Okomeng, Maxwel	120	4LT	neat	neat

Wet Chemistry Data

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G **Project #: 0030408**

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC50108-001	PI-01-TP-RAP303	Soil	1	56	Percent			03/05/10	03/04/10	03/02/10
AC50108-002	PI-01-TP-RAP103	Soil	1	57	Percent			03/05/10	03/04/10	03/02/10
AC50108-003	PI-01-TP-RAP203	Soil	1	62	Percent			03/05/10	03/04/10	03/02/10
AC50108-004	PI-01-TP-RAP403	Soil	1	84	Percent			03/05/10	03/04/10	03/02/10
AC50108-005	PI-01-TP-RAN303	Soil	1	58	Percent			03/05/10	03/04/10	03/02/10

Analysis Type: SOLIDS-S

Batch Number: SOLIDS-S-3547 **Units:** Percent

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC50108-001	NA	NA	5	56.26102	NA	0.68	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC50108-001	DUP		56			56.261	1.03	12.37	7.41			03/05/10	PRAS
AC50108-001	Sample		56			55.88	1.04	12.35	7.36			03/05/10	PRAS
AC50108-002	Sample		57			56.747	1.04	12.6	7.6			03/05/10	PRAS
AC50108-003	Sample		62			62.424	1.04	12.51	8.2			03/05/10	PRAS
AC50108-004	Sample		84			84.128	1.04	12.57	10.74			03/05/10	PRAS
AC50108-005	Sample		58			58.333	1.05	12.33	7.63			03/05/10	PRAS
AC50110-001	Sample		88			87.986	1.04	12.36	11			03/05/10	PRAS
AC50110-002	Sample		86			86.143	1.04	12.37	10.8			03/05/10	PRAS
AC50116-001	Sample		84			84.197	1.04	12.43	10.63			03/05/10	PRAS
AC50116-002	Sample		78			78.059	1.04	12.48	9.97			03/05/10	PRAS
AC50116-003	Sample		79			79.45	1.03	12.66	10.27			03/05/10	PRAS
AC50116-004	Sample		79			79.319	1.04	12.5	10.13			03/05/10	PRAS
AC50116-005	Sample		79			79.27	1.04	12.28	9.95			03/05/10	PRAS
AC50116-006	Sample		76			76.199	1.04	12.51	9.78			03/05/10	PRAS
AC50116-007	Sample		81			81.459	1.04	12.69	10.53			03/05/10	PRAS
AC50116-008	Sample		74			73.939	1.04	12.59	9.58			03/05/10	PRAS
AC50116-009	Sample		77			76.883	1.04	12.59	9.92			03/05/10	PRAS
AC50116-010	Sample		78			78.211	1.04	12.33	9.87			03/05/10	PRAS
AC50116-011	Sample		80			79.897	1.04	12.68	10.34			03/05/10	PRAS
AC50116-012	Sample		77			77.19	1.05	12.58	9.95			03/05/10	PRAS
AC50116-013	Sample		78			77.547	1.04	12.62	10.02			03/05/10	PRAS

3/5/10

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL) Rp - RPD failed specified criteria.
Na - Not Applicable Nc - Not Checked ..either one or both values =ND