

Project: Port Ivory-Site 1 RA

Client PO: Not Available

Report To: Hatch Mott MacDonald
27 Bleeker St.
Milburn, NJ 07041

Attn: Rob Trepp

Received Date: 2/25/2010

Report Date: 3/9/2010

Deliverables: NYDOH-CatB

Lab ID: AC50034

Lab Project No: 0022515

This report is a true report of results obtained from our tests of this material. All results meet the requirements of the NELAC Institute standards. In lieu of a formal contract document, the total aggregate liability of Veritech to all parties shall not exceed Veritech's total fee for analytical services rendered.

Jeri Rossi - Quality Assurance Director

OR

Stanley Gilewicz
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)



TABLE OF CONTENTS

HC-V LABORATORY RESULTS

PAGE NOS.

SDG Narrative	1-2
Reporting Limit Definitions	3-4
Data Package Summary Forms	5-48
Chain of Custody Forms	49-52
GC/MS Volatiles Data	53-451
GC/MS Semivolatiles Data	452-1017
Wet Chemical Data	1018-1020

SDG Narrative



SDG Narrative

Client: Port Authority of NY& NJ

Project: Port Ivory-Site 1 RA

Hampton-Clarke/Veritech (HC-V) received the following samples on February 25, 2010:

<u>Client ID</u>	<u>HCV Sample ID</u>	<u>Matrix</u>	<u>Analysis</u>
PI01-TP-RAM2022210S01	AC50034-001	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAO1022210S01	AC50034-002	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAO2022210S01	AC50034-003	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAQ1022210S01	AC50034-004	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAQ2022210S01	AC50034-005	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAR1022310S01	AC50034-006	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAR2022310S01	AC50034-007	Soil	VO (8260B), BNA (8270C)
PI01-TP-RAR3022310S01	AC50034-008	Soil	VO (8260B), BNA (8270C)

Volatile Organic Analysis:

The recovery of Bromofluorobenzene surrogate is biased high, outside QC limits in sample AC50034-005. The sample was reanalyzed confirming high recovery due to matrix interference.

Base Neutral Acid Extractable Analysis:

The recovery of N-Nitroso-di-n-propylamine is biased high, outside QC limits in the Matrix Spike and Matrix Spike Duplicate in batch SMB4418. All QC criteria were met in the Laboratory Control Sample (MBS).

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

2/3/10/10
Date

Reporting Limit Definitions



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#: AC50034-001 Collection Date: 2/22/2010
Sample ID: PI01-TP-RAM2022210S01

TestGroup/Analyte	DF	Units	RL	Result

% Solids SM2540G

% Solids	1	percent	68	

Semivolatile Organics + 25 (8270)

:TotalSemiVolatileTic	2	mg/kg	NA	200J
1,2,4-Trichlorobenzene	2	mg/kg	0.20	ND
1,2-Diphenylhydrazine	2	mg/kg	0.20	ND
2,4,5-Trichlorophenol	2	mg/kg	0.20	ND
2,4,6-Trichlorophenol	2	mg/kg	0.20	ND
2,4-Dichlorophenol	2	mg/kg	0.20	ND
2,4-Dimethylphenol	2	mg/kg	0.20	ND
2,4-Dinitrophenol	2	mg/kg	0.98	ND
2,4-Dinitrotoluene	2	mg/kg	0.20	ND
2,6-Dinitrotoluene	2	mg/kg	0.20	ND
2-Chloronaphthalene	2	mg/kg	0.20	ND
2-Chlorophenol	2	mg/kg	0.20	ND
2-Methylnaphthalene	2	mg/kg	0.20	ND
2-Methylphenol	2	mg/kg	0.20	ND
2-Nitroaniline	2	mg/kg	0.20	ND
2-Nitrophenol	2	mg/kg	0.20	ND
3&4-Methylphenol	2	mg/kg	0.20	ND
3,3'-Dichlorobenzidine	2	mg/kg	0.20	ND
3-Nitroaniline	2	mg/kg	0.20	ND
4,6-Dinitro-2-methylphenol	2	mg/kg	0.98	ND
4-Bromophenyl-phenylether	2	mg/kg	0.20	ND
4-Chloro-3-methylphenol	2	mg/kg	0.20	ND
4-Chloroaniline	2	mg/kg	0.20	ND
4-Chlorophenyl-phenylether	2	mg/kg	0.20	ND
4-Nitroaniline	2	mg/kg	0.20	ND
4-Nitrophenol	2	mg/kg	0.20	ND
Acenaphthene	2	mg/kg	0.20	ND
Acenaphthylene	2	mg/kg	0.20	ND
Aniline	2	mg/kg	0.20	ND
Anthracene	2	mg/kg	0.20	0.20
Benzidine	2	mg/kg	0.98	ND
Benzo[a]anthracene	2	mg/kg	0.20	0.75
Benzo[a]pyrene	2	mg/kg	0.20	0.58
Benzo[b]fluoranthene	2	mg/kg	0.20	0.45
Benzo[g,h,i]perylene	2	mg/kg	0.20	0.55
Benzo[k]fluoranthene	2	mg/kg	0.20	ND
Benzoic acid	2	mg/kg	0.98	ND
bis(2-Chloroethoxy)methane	2	mg/kg	0.20	ND
bis(2-Chloroethyl)ether	2	mg/kg	0.20	ND
bis(2-Chloroisopropyl)ether	2	mg/kg	0.20	ND
bis(2-Ethylhexyl)phthalate	2	mg/kg	0.20	ND
Butylbenzylphthalate	2	mg/kg	0.20	ND
Carbazole	2	mg/kg	0.20	ND
Chrysene	2	mg/kg	0.20	1.0
Dibenzo[a,h]anthracene	2	mg/kg	0.20	ND
Dibenzofuran	2	mg/kg	0.20	ND
Diethylphthalate	2	mg/kg	0.20	ND
Dimethylphthalate	2	mg/kg	0.20	ND
Di-n-butylphthalate	2	mg/kg	0.20	ND
Di-n-octylphthalate	2	mg/kg	0.20	ND
Fluoranthene	2	mg/kg	0.20	0.72
Fluorene	2	mg/kg	0.20	ND
Hexachlorobenzene	2	mg/kg	0.20	ND
Hexachlorobutadiene	2	mg/kg	0.20	ND
Hexachlorocyclopentadiene	2	mg/kg	0.98	ND
Hexachloroethane	2	mg/kg	0.20	ND
Indeno[1,2,3-cd]pyrene	2	mg/kg	0.20	0.31
Isophorone	2	mg/kg	0.20	ND
Naphthalene	2	mg/kg	0.20	ND
Nitrobenzene	2	mg/kg	0.20	ND
N-Nitrosodimethylamine	2	mg/kg	0.20	ND
N-Nitroso-di-n-propylamine	2	mg/kg	0.20	ND
N-Nitrosodiphenylamine	2	mg/kg	0.20	ND
Pentachlorophenol	2	mg/kg	0.98	ND
Phenanthrene	2	mg/kg	0.20	0.48
Phenol	2	mg/kg	0.20	ND
Pyrene	2	mg/kg	0.20	1.6

Lab#: AC50034-001 Collection Date: 2/22/2010
Sample ID: PI01-TP-RAM2022210S01

TestGroup/Analyte	DF	Units	RL	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.996	mg/kg	NA	1.1J
1,1,1-Trichloroethane	0.996	mg/kg	0.0073	ND
1,1,2,2-Tetrachloroethane	0.996	mg/kg	0.0073	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.996	mg/kg	0.0073	ND
1,1,2-Trichloroethane	0.996	mg/kg	0.0073	ND
1,1-Dichloroethane	0.996	mg/kg	0.0073	ND
1,1-Dichloroethene	0.996	mg/kg	0.0073	ND
1,2,3-Trichloropropane	0.996	mg/kg	0.0073	ND
1,2,4-Trimethylbenzene	0.996	mg/kg	0.0015	ND
1,2-Dichlorobenzene	0.996	mg/kg	0.0073	ND
1,2-Dichloroethane	0.996	mg/kg	0.0073	ND
1,2-Dichloropropane	0.996	mg/kg	0.0073	ND
1,3,5-Trimethylbenzene	0.996	mg/kg	0.0015	ND
1,3-Dichlorobenzene	0.996	mg/kg	0.0073	ND
1,3-Dichloropropane	0.996	mg/kg	0.0073	ND
1,4-Dichlorobenzene	0.996	mg/kg	0.0073	ND
1,4-Dioxane	0.996	mg/kg	0.37	ND
2-Butanone	0.996	mg/kg	0.0073	ND
2-Chloroethylvinylether	0.996	mg/kg	0.0073	ND
2-Hexanone	0.996	mg/kg	0.0073	ND
4-Isopropyltoluene	0.996	mg/kg	0.0015	ND
4-Methyl-2-pentanone	0.996	mg/kg	0.0073	ND
Acetone	0.996	mg/kg	0.037	ND
Acrolein	0.996	mg/kg	0.037	ND
Acrylonitrile	0.996	mg/kg	0.0073	ND
Benzene	0.996	mg/kg	0.0015	ND
Bromodichloromethane	0.996	mg/kg	0.0073	ND
Bromoform	0.996	mg/kg	0.0073	ND
Bromomethane	0.996	mg/kg	0.0073	ND
Carbon disulfide	0.996	mg/kg	0.0073	ND
Carbon tetrachloride	0.996	mg/kg	0.0073	ND
Chlorobenzene	0.996	mg/kg	0.0073	ND
Chloroethane	0.996	mg/kg	0.0073	ND
Chloroform	0.996	mg/kg	0.0073	ND
Chloromethane	0.996	mg/kg	0.0073	ND
cis-1,2-Dichloroethene	0.996	mg/kg	0.0073	ND
cis-1,3-Dichloropropene	0.996	mg/kg	0.0073	ND
Dibromochloromethane	0.996	mg/kg	0.0073	ND
Dichlorodifluoromethane	0.996	mg/kg	0.0073	ND
Ethylbenzene	0.996	mg/kg	0.0015	ND
Isopropylbenzene	0.996	mg/kg	0.0015	ND
m&p-Xylenes	0.996	mg/kg	0.0015	ND
Methylene chloride	0.996	mg/kg	0.0073	ND
Methyl-t-butyl ether	0.996	mg/kg	0.0015	ND
n-Butylbenzene	0.996	mg/kg	0.0015	ND
n-Propylbenzene	0.996	mg/kg	0.0015	ND
o-Xylene	0.996	mg/kg	0.0015	ND
sec-Butylbenzene	0.996	mg/kg	0.0015	ND
Styrene	0.996	mg/kg	0.0073	ND
t-Butyl Alcohol	0.996	mg/kg	0.037	ND
t-Butylbenzene	0.996	mg/kg	0.0015	ND
Tetrachloroethene	0.996	mg/kg	0.0073	ND
Toluene	0.996	mg/kg	0.0015	ND
trans-1,2-Dichloroethene	0.996	mg/kg	0.0073	ND
trans-1,3-Dichloropropene	0.996	mg/kg	0.0073	ND
Trichloroethene	0.996	mg/kg	0.0073	ND
Trichlorofluoromethane	0.996	mg/kg	0.0073	ND
Vinyl chloride	0.996	mg/kg	0.0073	ND
Xylenes (Total)	0.996	mg/kg	0.0015	ND

Lab#: AC50034-002 Collection Date: 2/22/2010
Sample ID: PI01-TP-RAO1022210S01

TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent	76	
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	1	mg/kg	NA	150J
1,2,4-Trichlorobenzene	1	mg/kg	0.088	ND
1,2-Diphenylhydrazine	1	mg/kg	0.088	ND
2,4,5-Trichlorophenol	1	mg/kg	0.088	ND
2,4,6-Trichlorophenol	1	mg/kg	0.088	ND
2,4-Dichlorophenol	1	mg/kg	0.088	ND
2,4-Dimethylphenol	1	mg/kg	0.088	ND
2,4-Dinitrophenol	1	mg/kg	0.44	ND
2,4-Dinitrotoluene	1	mg/kg	0.088	ND
2,6-Dinitrotoluene	1	mg/kg	0.088	ND
2-Chloronaphthalene	1	mg/kg	0.088	ND
2-Chlorophenol	1	mg/kg	0.088	ND
2-Methylnaphthalene	1	mg/kg	0.088	ND
2-Methylphenol	1	mg/kg	0.088	ND
2-Nitroaniline	1	mg/kg	0.088	ND
2-Nitrophenol	1	mg/kg	0.088	ND
3&4-Methylphenol	1	mg/kg	0.088	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.088	ND
3-Nitroaniline	1	mg/kg	0.088	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.44	ND
4-Bromophenyl-phenylether	1	mg/kg	0.088	ND
4-Chloro-3-methylphenol	1	mg/kg	0.088	ND
4-Chloroaniline	1	mg/kg	0.088	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.088	ND
4-Nitroaniline	1	mg/kg	0.088	ND
4-Nitrophenol	1	mg/kg	0.088	ND
Acenaphthene	1	mg/kg	0.088	ND
Acenaphthylene	1	mg/kg	0.088	ND
Aniline	1	mg/kg	0.088	ND
Anthracene	1	mg/kg	0.088	ND
Benzidine	1	mg/kg	0.44	ND
Benzo[a]anthracene	1	mg/kg	0.088	0.17
Benzo[a]pyrene	1	mg/kg	0.088	0.20
Benzo[b]fluoranthene	1	mg/kg	0.088	0.27
Benzo[g,h,i]perylene	1	mg/kg	0.088	0.17
Benzo[k]fluoranthene	1	mg/kg	0.088	0.13
Benzoic acid	1	mg/kg	0.44	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.088	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.088	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.088	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.088	ND
Butylbenzylphthalate	1	mg/kg	0.088	ND
Carbazole	1	mg/kg	0.088	ND
Chrysene	1	mg/kg	0.088	0.20
Dibenzo[a,h]anthracene	1	mg/kg	0.088	ND
Dibenzofuran	1	mg/kg	0.088	ND
Diethylphthalate	1	mg/kg	0.088	ND
Dimethylphthalate	1	mg/kg	0.088	ND
Di-n-butylphthalate	1	mg/kg	0.088	ND
Di-n-octylphthalate	1	mg/kg	0.088	ND
Fluoranthene	1	mg/kg	0.088	0.29
Fluorene	1	mg/kg	0.088	ND
Hexachlorobenzene	1	mg/kg	0.088	ND
Hexachlorobutadiene	1	mg/kg	0.088	ND
Hexachlorocyclopentadiene	1	mg/kg	0.44	ND
Hexachloroethane	1	mg/kg	0.088	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.088	0.12
Isophorone	1	mg/kg	0.088	ND
Naphthalene	1	mg/kg	0.088	ND
Nitrobenzene	1	mg/kg	0.088	ND
N-Nitrosodimethylamine	1	mg/kg	0.088	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.088	ND
N-Nitrosodiphenylamine	1	mg/kg	0.088	ND
Pentachlorophenol	1	mg/kg	0.44	ND
Phenanthrene	1	mg/kg	0.088	0.18
Phenol	1	mg/kg	0.088	ND
Pyrene	1	mg/kg	0.088	0.33

Lab#: AC50034-002 Collection Date: 2/22/2010
Sample ID: PI01-TP-RAO1022210S01

TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	1	mg/kg	NA	0.19J
1,1,1-Trichloroethane	1	mg/kg	0.0066	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0066	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0066	ND
1,1,2-Trichloroethane	1	mg/kg	0.0066	ND
1,1-Dichloroethane	1	mg/kg	0.0066	ND
1,1-Dichloroethene	1	mg/kg	0.0066	ND
1,2,3-Trichloropropane	1	mg/kg	0.0066	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0013	ND
1,2-Dichlorobenzene	1	mg/kg	0.0066	ND
1,2-Dichloroethane	1	mg/kg	0.0066	ND
1,2-Dichloropropane	1	mg/kg	0.0066	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0013	ND
1,3-Dichlorobenzene	1	mg/kg	0.0066	ND
1,3-Dichloropropane	1	mg/kg	0.0066	ND
1,4-Dichlorobenzene	1	mg/kg	0.0066	ND
1,4-Dioxane	1	mg/kg	0.33	ND
2-Butanone	1	mg/kg	0.0066	ND
2-Chloroethylvinylether	1	mg/kg	0.0066	ND
2-Hexanone	1	mg/kg	0.0066	ND
4-Isopropyltoluene	1	mg/kg	0.0013	0.0039
4-Methyl-2-pentanone	1	mg/kg	0.0066	ND
Acetone	1	mg/kg	0.033	ND
Acrolein	1	mg/kg	0.033	ND
Acrylonitrile	1	mg/kg	0.0066	ND
Benzene	1	mg/kg	0.0013	ND
Bromodichloromethane	1	mg/kg	0.0066	ND
Bromoform	1	mg/kg	0.0066	ND
Bromomethane	1	mg/kg	0.0066	ND
Carbon disulfide	1	mg/kg	0.0066	ND
Carbon tetrachloride	1	mg/kg	0.0066	ND
Chlorobenzene	1	mg/kg	0.0066	ND
Chloroethane	1	mg/kg	0.0066	ND
Chloroform	1	mg/kg	0.0066	ND
Chloromethane	1	mg/kg	0.0066	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0066	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0066	ND
Dibromochloromethane	1	mg/kg	0.0066	ND
Dichlorodifluoromethane	1	mg/kg	0.0066	ND
Ethylbenzene	1	mg/kg	0.0013	ND
Isopropylbenzene	1	mg/kg	0.0013	ND
m&p-Xylenes	1	mg/kg	0.0013	ND
Methylene chloride	1	mg/kg	0.0066	ND
Methyl-t-butyl ether	1	mg/kg	0.0013	ND
n-Butylbenzene	1	mg/kg	0.0013	ND
n-Propylbenzene	1	mg/kg	0.0013	ND
o-Xylene	1	mg/kg	0.0013	ND
sec-Butylbenzene	1	mg/kg	0.0013	ND
Styrene	1	mg/kg	0.0066	ND
t-Butyl Alcohol	1	mg/kg	0.033	ND
t-Butylbenzene	1	mg/kg	0.0013	ND
Tetrachloroethene	1	mg/kg	0.0066	ND
Toluene	1	mg/kg	0.0013	0.0018
trans-1,2-Dichloroethene	1	mg/kg	0.0066	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0066	ND
Trichloroethene	1	mg/kg	0.0066	ND
Trichlorofluoromethane	1	mg/kg	0.0066	ND
Vinyl chloride	1	mg/kg	0.0066	ND
Xylenes (Total)	1	mg/kg	0.0013	ND

Lab#: AC50034-003		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAO2022210S01				
TestGroup/Analyte	DF	Units	RL	Result

% Solids SM2540G

% Solids	1	percent	82	

Semivolatiles Organics + 25 (8270)

:TotalSemiVolatileTic	1	mg/kg	NA	86J
1,2,4-Trichlorobenzene	1	mg/kg	0.081	ND
1,2-Diphenylhydrazine	1	mg/kg	0.081	ND
2,4,5-Trichlorophenol	1	mg/kg	0.081	ND
2,4,6-Trichlorophenol	1	mg/kg	0.081	ND
2,4-Dichlorophenol	1	mg/kg	0.081	ND
2,4-Dimethylphenol	1	mg/kg	0.081	ND
2,4-Dinitrophenol	1	mg/kg	0.41	ND
2,4-Dinitrotoluene	1	mg/kg	0.081	ND
2,6-Dinitrotoluene	1	mg/kg	0.081	ND
2-Chloronaphthalene	1	mg/kg	0.081	ND
2-Chlorophenol	1	mg/kg	0.081	ND
2-Methylnaphthalene	1	mg/kg	0.081	ND
2-Methylphenol	1	mg/kg	0.081	ND
2-Nitroaniline	1	mg/kg	0.081	ND
2-Nitrophenol	1	mg/kg	0.081	ND
3&4-Methylphenol	1	mg/kg	0.081	ND
3,3'-Dichlorobenzidine	1	mg/kg	0.081	ND
3-Nitroaniline	1	mg/kg	0.081	ND
4,6-Dinitro-2-methylphenol	1	mg/kg	0.41	ND
4-Bromophenyl-phenylether	1	mg/kg	0.081	ND
4-Chloro-3-methylphenol	1	mg/kg	0.081	ND
4-Chloroaniline	1	mg/kg	0.081	ND
4-Chlorophenyl-phenylether	1	mg/kg	0.081	ND
4-Nitroaniline	1	mg/kg	0.081	ND
4-Nitrophenol	1	mg/kg	0.081	ND
Acenaphthene	1	mg/kg	0.081	ND
Acenaphthylene	1	mg/kg	0.081	ND
Aniline	1	mg/kg	0.081	ND
Anthracene	1	mg/kg	0.081	ND
Benzidine	1	mg/kg	0.41	ND
Benzo[a]anthracene	1	mg/kg	0.081	ND
Benzo[a]pyrene	1	mg/kg	0.081	ND
Benzo[b]fluoranthene	1	mg/kg	0.081	ND
Benzo[g,h,i]perylene	1	mg/kg	0.081	ND
Benzo[k]fluoranthene	1	mg/kg	0.081	ND
Benzoic acid	1	mg/kg	0.41	ND
bis(2-Chloroethoxy)methane	1	mg/kg	0.081	ND
bis(2-Chloroethyl)ether	1	mg/kg	0.081	ND
bis(2-Chloroisopropyl)ether	1	mg/kg	0.081	ND
bis(2-Ethylhexyl)phthalate	1	mg/kg	0.081	ND
Butylbenzylphthalate	1	mg/kg	0.081	ND
Carbazole	1	mg/kg	0.081	ND
Chrysene	1	mg/kg	0.081	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.081	ND
Dibenzofuran	1	mg/kg	0.081	ND
Diethylphthalate	1	mg/kg	0.081	ND
Dimethylphthalate	1	mg/kg	0.081	ND
Di-n-butylphthalate	1	mg/kg	0.081	ND
Di-n-octylphthalate	1	mg/kg	0.081	ND
Fluoranthene	1	mg/kg	0.081	ND
Fluorene	1	mg/kg	0.081	ND
Hexachlorobenzene	1	mg/kg	0.081	ND
Hexachlorobutadiene	1	mg/kg	0.081	ND
Hexachlorocyclopentadiene	1	mg/kg	0.41	ND
Hexachloroethane	1	mg/kg	0.081	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.081	ND
Isophorone	1	mg/kg	0.081	ND
Naphthalene	1	mg/kg	0.081	ND
Nitrobenzene	1	mg/kg	0.081	ND
N-Nitrosodimethylamine	1	mg/kg	0.081	ND
N-Nitroso-di-n-propylamine	1	mg/kg	0.081	ND
N-Nitrosodiphenylamine	1	mg/kg	0.081	ND
Pentachlorophenol	1	mg/kg	0.41	ND
Phenanthrene	1	mg/kg	0.081	ND
Phenol	1	mg/kg	0.081	ND
Pyrene	1	mg/kg	0.081	ND

Lab#: AC50034-003		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAO2022210S01				
TestGroup/Analyte	DF	Units	RL	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.986	mg/kg	NA	0.018J
1,1,1-Trichloroethane	0.986	mg/kg	0.0060	ND
1,1,2,2-Tetrachloroethane	0.986	mg/kg	0.0060	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.986	mg/kg	0.0060	ND
1,1,2-Trichloroethane	0.986	mg/kg	0.0060	ND
1,1-Dichloroethane	0.986	mg/kg	0.0060	ND
1,1-Dichloroethene	0.986	mg/kg	0.0060	ND
1,2,3-Trichloropropane	0.986	mg/kg	0.0060	ND
1,2,4-Trimethylbenzene	0.986	mg/kg	0.0012	ND
1,2-Dichlorobenzene	0.986	mg/kg	0.0060	ND
1,2-Dichloroethane	0.986	mg/kg	0.0060	ND
1,2-Dichloropropane	0.986	mg/kg	0.0060	ND
1,3,5-Trimethylbenzene	0.986	mg/kg	0.0012	ND
1,3-Dichlorobenzene	0.986	mg/kg	0.0060	ND
1,3-Dichloropropane	0.986	mg/kg	0.0060	ND
1,4-Dichlorobenzene	0.986	mg/kg	0.0060	ND
1,4-Dioxane	0.986	mg/kg	0.30	ND
2-Butanone	0.986	mg/kg	0.0060	ND
2-Chloroethylvinylether	0.986	mg/kg	0.0060	ND
2-Hexanone	0.986	mg/kg	0.0060	ND
4-Isopropyltoluene	0.986	mg/kg	0.0012	ND
4-Methyl-2-pentanone	0.986	mg/kg	0.0060	ND
Acetone	0.986	mg/kg	0.030	ND
Acrolein	0.986	mg/kg	0.030	ND
Acrylonitrile	0.986	mg/kg	0.0060	ND
Benzene	0.986	mg/kg	0.0012	ND
Bromodichloromethane	0.986	mg/kg	0.0060	ND
Bromoform	0.986	mg/kg	0.0060	ND
Bromomethane	0.986	mg/kg	0.0060	ND
Carbon disulfide	0.986	mg/kg	0.0060	ND
Carbon tetrachloride	0.986	mg/kg	0.0060	ND
Chlorobenzene	0.986	mg/kg	0.0060	ND
Chloroethane	0.986	mg/kg	0.0060	ND
Chloroform	0.986	mg/kg	0.0060	ND
Chloromethane	0.986	mg/kg	0.0060	ND
cis-1,2-Dichloroethene	0.986	mg/kg	0.0060	ND
cis-1,3-Dichloropropene	0.986	mg/kg	0.0060	ND
Dibromochloromethane	0.986	mg/kg	0.0060	ND
Dichlorodifluoromethane	0.986	mg/kg	0.0060	ND
Ethylbenzene	0.986	mg/kg	0.0012	ND
Isopropylbenzene	0.986	mg/kg	0.0012	ND
m&p-Xylenes	0.986	mg/kg	0.0012	ND
Methylene chloride	0.986	mg/kg	0.0060	ND
Methyl-t-butyl ether	0.986	mg/kg	0.0012	ND
n-Butylbenzene	0.986	mg/kg	0.0012	ND
n-Propylbenzene	0.986	mg/kg	0.0012	ND
o-Xylene	0.986	mg/kg	0.0012	ND
sec-Butylbenzene	0.986	mg/kg	0.0012	ND
Styrene	0.986	mg/kg	0.0060	ND
t-Butyl Alcohol	0.986	mg/kg	0.030	ND
t-Butylbenzene	0.986	mg/kg	0.0012	ND
Tetrachloroethene	0.986	mg/kg	0.0060	ND
Toluene	0.986	mg/kg	0.0012	ND
trans-1,2-Dichloroethene	0.986	mg/kg	0.0060	ND
trans-1,3-Dichloropropene	0.986	mg/kg	0.0060	ND
Trichloroethene	0.986	mg/kg	0.0060	ND
Trichlorofluoromethane	0.986	mg/kg	0.0060	ND
Vinyl chloride	0.986	mg/kg	0.0060	ND
Xylenes (Total)	0.986	mg/kg	0.0012	ND

Lab#: AC50034-004		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAQ1022210S01				
TestGroup/Analyte	DF	Units	PL	Result

% Solids SM2540G

% Solids	1	percent	82	

Semivolatile Organics + 25 (8270)

:TotalSemiVolatileTic	2	mg/kg	NA	160J
1,2,4-Trichlorobenzene	2	mg/kg	0.16	ND
1,2-Diphenylhydrazine	2	mg/kg	0.16	ND
2,4,5-Trichlorophenol	2	mg/kg	0.16	ND
2,4,6-Trichlorophenol	2	mg/kg	0.16	ND
2,4-Dichlorophenol	2	mg/kg	0.16	ND
2,4-Dimethylphenol	2	mg/kg	0.16	ND
2,4-Dinitrophenol	2	mg/kg	0.81	ND
2,4-Dinitrotoluene	2	mg/kg	0.16	ND
2,6-Dinitrotoluene	2	mg/kg	0.16	ND
2-Chloronaphthalene	2	mg/kg	0.16	ND
2-Chlorophenol	2	mg/kg	0.16	ND
2-Methylnaphthalene	2	mg/kg	0.16	0.17
2-Methylphenol	2	mg/kg	0.16	ND
2-Nitroaniline	2	mg/kg	0.16	ND
2-Nitrophenol	2	mg/kg	0.16	ND
3&4-Methylphenol	2	mg/kg	0.16	ND
3,3'-Dichlorobenzidine	2	mg/kg	0.16	ND
3-Nitroaniline	2	mg/kg	0.16	ND
4,6-Dinitro-2-methylphenol	2	mg/kg	0.81	ND
4-Bromophenyl-phenylether	2	mg/kg	0.16	ND
4-Chloro-3-methylphenol	2	mg/kg	0.16	ND
4-Chloroaniline	2	mg/kg	0.16	ND
4-Chlorophenyl-phenylether	2	mg/kg	0.16	ND
4-Nitroaniline	2	mg/kg	0.16	ND
4-Nitrophenol	2	mg/kg	0.16	ND
Acenaphthene	2	mg/kg	0.16	ND
Acenaphthylene	2	mg/kg	0.16	ND
Aniline	2	mg/kg	0.16	ND
Anthracene	2	mg/kg	0.16	0.19
Benzidine	2	mg/kg	0.81	ND
Benzo[a]anthracene	2	mg/kg	0.16	0.43
Benzo[a]pyrene	2	mg/kg	0.16	0.43
Benzo[b]fluoranthene	2	mg/kg	0.16	0.51
Benzo[g,h,i]perylene	2	mg/kg	0.16	0.43
Benzo[k]fluoranthene	2	mg/kg	0.16	0.22
Benzoic acid	2	mg/kg	0.81	ND
bis(2-Chloroethoxy)methane	2	mg/kg	0.16	ND
bis(2-Chloroethyl)ether	2	mg/kg	0.16	ND
bis(2-Chloroisopropyl)ether	2	mg/kg	0.16	ND
bis(2-Ethylhexyl)phthalate	2	mg/kg	0.16	ND
Butylbenzylphthalate	2	mg/kg	0.16	ND
Carbazole	2	mg/kg	0.16	ND
Chrysene	2	mg/kg	0.16	0.50
Dibenzo[a,h]anthracene	2	mg/kg	0.16	ND
Dibenzofuran	2	mg/kg	0.16	ND
Diethylphthalate	2	mg/kg	0.16	ND
Dimethylphthalate	2	mg/kg	0.16	ND
Di-n-butylphthalate	2	mg/kg	0.16	ND
Di-n-octylphthalate	2	mg/kg	0.16	ND
Fluoranthene	2	mg/kg	0.16	0.80
Fluorene	2	mg/kg	0.16	ND
Hexachlorobenzene	2	mg/kg	0.16	ND
Hexachlorobutadiene	2	mg/kg	0.16	ND
Hexachlorocyclopentadiene	2	mg/kg	0.81	ND
Hexachloroethane	2	mg/kg	0.16	ND
Indeno[1,2,3-cd]pyrene	2	mg/kg	0.16	0.28
Isophorone	2	mg/kg	0.16	ND
Naphthalene	2	mg/kg	0.16	ND
Nitrobenzene	2	mg/kg	0.16	ND
N-Nitrosodimethylamine	2	mg/kg	0.16	ND
N-Nitroso-di-n-propylamine	2	mg/kg	0.16	ND
N-Nitrosodiphenylamine	2	mg/kg	0.16	ND
Pentachlorophenol	2	mg/kg	0.81	ND
Phenanthrene	2	mg/kg	0.16	0.61
Phenol	2	mg/kg	0.16	ND
Pyrene	2	mg/kg	0.16	1.1

Lab#: AC50034-004		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAQ1022210S01				
TestGroup/Analyte	DF	Units	RI	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.945	mg/kg	NA	0.14J
1,1,1-Trichloroethane	0.945	mg/kg	0.0058	ND
1,1,2,2-Tetrachloroethane	0.945	mg/kg	0.0058	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.945	mg/kg	0.0058	ND
1,1,2-Trichloroethane	0.945	mg/kg	0.0058	ND
1,1-Dichloroethane	0.945	mg/kg	0.0058	ND
1,1-Dichloroethene	0.945	mg/kg	0.0058	ND
1,2,3-Trichloropropane	0.945	mg/kg	0.0058	ND
1,2,4-Trimethylbenzene	0.945	mg/kg	0.0012	ND
1,2-Dichlorobenzene	0.945	mg/kg	0.0058	ND
1,2-Dichloroethane	0.945	mg/kg	0.0058	ND
1,2-Dichloropropane	0.945	mg/kg	0.0058	ND
1,3,5-Trimethylbenzene	0.945	mg/kg	0.0012	ND
1,3-Dichlorobenzene	0.945	mg/kg	0.0058	ND
1,3-Dichloropropane	0.945	mg/kg	0.0058	ND
1,4-Dichlorobenzene	0.945	mg/kg	0.0058	ND
1,4-Dioxane	0.945	mg/kg	0.29	ND
2-Butanone	0.945	mg/kg	0.0058	ND
2-Chloroethylvinylether	0.945	mg/kg	0.0058	ND
2-Hexanone	0.945	mg/kg	0.0058	ND
4-Isopropyltoluene	0.945	mg/kg	0.0012	0.0013
4-Methyl-2-pentanone	0.945	mg/kg	0.0058	ND
Acetone	0.945	mg/kg	0.029	ND
Acrolein	0.945	mg/kg	0.029	ND
Acrylonitrile	0.945	mg/kg	0.0058	ND
Benzene	0.945	mg/kg	0.0012	ND
Bromodichloromethane	0.945	mg/kg	0.0058	ND
Bromoform	0.945	mg/kg	0.0058	ND
Bromomethane	0.945	mg/kg	0.0058	ND
Carbon disulfide	0.945	mg/kg	0.0058	ND
Carbon tetrachloride	0.945	mg/kg	0.0058	ND
Chlorobenzene	0.945	mg/kg	0.0058	ND
Chloroethane	0.945	mg/kg	0.0058	ND
Chloroform	0.945	mg/kg	0.0058	ND
Chloromethane	0.945	mg/kg	0.0058	ND
cis-1,2-Dichloroethene	0.945	mg/kg	0.0058	ND
cis-1,3-Dichloropropene	0.945	mg/kg	0.0058	ND
Dibromochloromethane	0.945	mg/kg	0.0058	ND
Dichlorodifluoromethane	0.945	mg/kg	0.0058	ND
Ethylbenzene	0.945	mg/kg	0.0012	ND
Isopropylbenzene	0.945	mg/kg	0.0012	ND
m&p-Xylenes	0.945	mg/kg	0.0012	ND
Methylene chloride	0.945	mg/kg	0.0058	ND
Methyl-t-butyl ether	0.945	mg/kg	0.0012	ND
n-Butylbenzene	0.945	mg/kg	0.0012	ND
n-Propylbenzene	0.945	mg/kg	0.0012	ND
o-Xylene	0.945	mg/kg	0.0012	ND
sec-Butylbenzene	0.945	mg/kg	0.0012	ND
Styrene	0.945	mg/kg	0.0058	ND
t-Butyl Alcohol	0.945	mg/kg	0.029	ND
t-Butylbenzene	0.945	mg/kg	0.0012	ND
Tetrachloroethene	0.945	mg/kg	0.0058	ND
Toluene	0.945	mg/kg	0.0012	0.0020
trans-1,2-Dichloroethene	0.945	mg/kg	0.0058	ND
trans-1,3-Dichloropropene	0.945	mg/kg	0.0058	ND
Trichloroethene	0.945	mg/kg	0.0058	ND
Trichlorofluoromethane	0.945	mg/kg	0.0058	ND
Vinyl chloride	0.945	mg/kg	0.0058	ND
Xylenes (Total)	0.945	mg/kg	0.0012	ND

Lab#: AC50034-005		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAQ2022210S01				
TestGroup/Analyte	DF	Units	RL	Result
% Solids SM2540G				
% Solids	1	percent		81
Semivolatile Organics + 25 (8270)				
:TotalSemiVolatileTic	2	mg/kg	NA	160J
1,2,4-Trichlorobenzene	2	mg/kg	0.16	ND
1,2-Diphenylhydrazine	2	mg/kg	0.16	ND
2,4,5-Trichlorophenol	2	mg/kg	0.16	ND
2,4,6-Trichlorophenol	2	mg/kg	0.16	ND
2,4-Dichlorophenol	2	mg/kg	0.16	ND
2,4-Dimethylphenol	2	mg/kg	0.16	ND
2,4-Dinitrophenol	2	mg/kg	0.82	ND
2,4-Dinitrotoluene	2	mg/kg	0.16	ND
2,6-Dinitrotoluene	2	mg/kg	0.16	ND
2-Chloronaphthalene	2	mg/kg	0.16	ND
2-Chlorophenol	2	mg/kg	0.16	ND
2-Methylnaphthalene	2	mg/kg	0.16	ND
2-Methylphenol	2	mg/kg	0.16	ND
2-Nitroaniline	2	mg/kg	0.16	ND
2-Nitrophenol	2	mg/kg	0.16	ND
3&4-Methylphenol	2	mg/kg	0.16	ND
3,3'-Dichlorobenzidine	2	mg/kg	0.16	ND
3-Nitroaniline	2	mg/kg	0.16	ND
4,6-Dinitro-2-methylphenol	2	mg/kg	0.82	ND
4-Bromophenyl-phenylether	2	mg/kg	0.16	ND
4-Chloro-3-methylphenol	2	mg/kg	0.16	ND
4-Chloroaniline	2	mg/kg	0.16	ND
4-Chlorophenyl-phenylether	2	mg/kg	0.16	ND
4-Nitroaniline	2	mg/kg	0.16	ND
4-Nitrophenol	2	mg/kg	0.16	ND
Acenaphthene	2	mg/kg	0.16	ND
Acenaphthylene	2	mg/kg	0.16	ND
Aniline	2	mg/kg	0.16	ND
Anthracene	2	mg/kg	0.16	0.18
Benzidine	2	mg/kg	0.82	ND
Benzo[a]anthracene	2	mg/kg	0.16	0.44
Benzo[a]pyrene	2	mg/kg	0.16	0.52
Benzo[b]fluoranthene	2	mg/kg	0.16	0.60
Benzo[g,h,i]perylene	2	mg/kg	0.16	0.59
Benzo[k]fluoranthene	2	mg/kg	0.16	ND
Benzoic acid	2	mg/kg	0.82	ND
bis(2-Chloroethoxy)methane	2	mg/kg	0.16	ND
bis(2-Chloroethyl)ether	2	mg/kg	0.16	ND
bis(2-Chloroisopropyl)ether	2	mg/kg	0.16	ND
bis(2-Ethylhexyl)phthalate	2	mg/kg	0.16	ND
Butylbenzylphthalate	2	mg/kg	0.16	ND
Carbazole	2	mg/kg	0.16	ND
Chrysene	2	mg/kg	0.16	0.60
Dibenzo[a,h]anthracene	2	mg/kg	0.16	ND
Dibenzofuran	2	mg/kg	0.16	ND
Diethylphthalate	2	mg/kg	0.16	ND
Dimethylphthalate	2	mg/kg	0.16	ND
Di-n-butylphthalate	2	mg/kg	0.16	ND
Di-n-octylphthalate	2	mg/kg	0.16	ND
Fluoranthene	2	mg/kg	0.16	0.58
Fluorene	2	mg/kg	0.16	ND
Hexachlorobenzene	2	mg/kg	0.16	ND
Hexachlorobutadiene	2	mg/kg	0.16	ND
Hexachlorocyclopentadiene	2	mg/kg	0.82	ND
Hexachloroethane	2	mg/kg	0.16	ND
Indeno[1,2,3-cd]pyrene	2	mg/kg	0.16	0.29
Isophorone	2	mg/kg	0.16	ND
Naphthalene	2	mg/kg	0.16	ND
Nitrobenzene	2	mg/kg	0.16	ND
N-Nitrosodimethylamine	2	mg/kg	0.16	ND
N-Nitroso-di-n-propylamine	2	mg/kg	0.16	ND
N-Nitrosodiphenylamine	2	mg/kg	0.16	ND
Pentachlorophenol	2	mg/kg	0.82	ND
Phenanthrene	2	mg/kg	0.16	0.36
Phenol	2	mg/kg	0.16	ND
Pyrene	2	mg/kg	0.16	1.3

Lab#: AC50034-005		Collection Date: 2/22/2010		
Sample ID: PI01-TP-RAQ2022210S01				
TestGroup/Analyte	DF	Units	RL	Result
Volatile Organics + 10 (8260)				
:TotalVolatileTic	0.96	mg/kg	NA	0.25J
1,1,1-Trichloroethane	0.96	mg/kg	0.0059	ND
1,1,2,2-Tetrachloroethane	0.96	mg/kg	0.0059	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.96	mg/kg	0.0059	ND
1,1,2-Trichloroethane	0.96	mg/kg	0.0059	ND
1,1-Dichloroethane	0.96	mg/kg	0.0059	ND
1,1-Dichloroethene	0.96	mg/kg	0.0059	ND
1,2,3-Trichloropropane	0.96	mg/kg	0.0059	ND
1,2,4-Trimethylbenzene	0.96	mg/kg	0.0012	0.0020
1,2-Dichlorobenzene	0.96	mg/kg	0.0059	ND
1,2-Dichloroethane	0.96	mg/kg	0.0059	ND
1,2-Dichloropropane	0.96	mg/kg	0.0059	ND
1,3,5-Trimethylbenzene	0.96	mg/kg	0.0012	ND
1,3-Dichlorobenzene	0.96	mg/kg	0.0059	ND
1,3-Dichloropropane	0.96	mg/kg	0.0059	ND
1,4-Dichlorobenzene	0.96	mg/kg	0.0059	ND
1,4-Dioxane	0.96	mg/kg	0.30	ND
2-Butanone	0.96	mg/kg	0.0059	ND
2-Chloroethylvinylether	0.96	mg/kg	0.0059	ND
2-Hexanone	0.96	mg/kg	0.0059	ND
4-Isopropyltoluene	0.96	mg/kg	0.0012	ND
4-Methyl-2-pentanone	0.96	mg/kg	0.0059	ND
Acetone	0.96	mg/kg	0.030	0.042
Acrolein	0.96	mg/kg	0.030	ND
Acrylonitrile	0.96	mg/kg	0.0059	ND
Benzene	0.96	mg/kg	0.0012	ND
Bromodichloromethane	0.96	mg/kg	0.0059	ND
Bromoform	0.96	mg/kg	0.0059	ND
Bromomethane	0.96	mg/kg	0.0059	ND
Carbon disulfide	0.96	mg/kg	0.0059	ND
Carbon tetrachloride	0.96	mg/kg	0.0059	ND
Chlorobenzene	0.96	mg/kg	0.0059	ND
Chloroethane	0.96	mg/kg	0.0059	ND
Chloroform	0.96	mg/kg	0.0059	ND
Chloromethane	0.96	mg/kg	0.0059	ND
cis-1,2-Dichloroethene	0.96	mg/kg	0.0059	ND
cis-1,3-Dichloropropene	0.96	mg/kg	0.0059	ND
Dibromochloromethane	0.96	mg/kg	0.0059	ND
Dichlorodifluoromethane	0.96	mg/kg	0.0059	ND
Ethylbenzene	0.96	mg/kg	0.0012	ND
Isopropylbenzene	0.96	mg/kg	0.0012	ND
m&p-Xylenes	0.96	mg/kg	0.0012	ND
Methylene chloride	0.96	mg/kg	0.0059	ND
Methyl-t-butyl ether	0.96	mg/kg	0.0012	ND
n-Butylbenzene	0.96	mg/kg	0.0012	ND
n-Propylbenzene	0.96	mg/kg	0.0012	ND
o-Xylene	0.96	mg/kg	0.0012	ND
sec-Butylbenzene	0.96	mg/kg	0.0012	ND
Styrene	0.96	mg/kg	0.0059	ND
t-Butyl Alcohol	0.96	mg/kg	0.030	ND
t-Butylbenzene	0.96	mg/kg	0.0012	ND
Tetrachloroethene	0.96	mg/kg	0.0059	ND
Toluene	0.96	mg/kg	0.0012	0.0018
trans-1,2-Dichloroethene	0.96	mg/kg	0.0059	ND
trans-1,3-Dichloropropene	0.96	mg/kg	0.0059	ND
Trichloroethene	0.96	mg/kg	0.0059	ND
Trichlorofluoromethane	0.96	mg/kg	0.0059	ND
Vinyl chloride	0.96	mg/kg	0.0059	ND
Xylenes (Total)	0.96	mg/kg	0.0012	ND

Lab#: AC50034-006		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR1022310S01				
TestGroup/Analyte	DF	Units	RL	Result

% Solids SM2540G

% Solids	1	percent	82	

Semivolatile Organics + 25 (8270)

:TotalSemiVolatileTic	2	mg/kg	NA	200J
1,2,4-Trichlorobenzene	2	mg/kg	0.16	ND
1,2-Diphenylhydrazine	2	mg/kg	0.16	ND
2,4,5-Trichlorophenol	2	mg/kg	0.16	ND
2,4,6-Trichlorophenol	2	mg/kg	0.16	ND
2,4-Dichlorophenol	2	mg/kg	0.16	ND
2,4-Dimethylphenol	2	mg/kg	0.16	ND
2,4-Dinitrophenol	2	mg/kg	0.81	ND
2,4-Dinitrotoluene	2	mg/kg	0.16	ND
2,6-Dinitrotoluene	2	mg/kg	0.16	ND
2-Chloronaphthalene	2	mg/kg	0.16	ND
2-Chlorophenol	2	mg/kg	0.16	ND
2-Methylnaphthalene	2	mg/kg	0.16	0.59
2-Methylphenol	2	mg/kg	0.16	ND
2-Nitroaniline	2	mg/kg	0.16	ND
2-Nitrophenol	2	mg/kg	0.16	ND
3&4-Methylphenol	2	mg/kg	0.16	ND
3,3'-Dichlorobenzidine	2	mg/kg	0.16	ND
3-Nitroaniline	2	mg/kg	0.16	ND
4,6-Dinitro-2-methylphenol	2	mg/kg	0.81	ND
4-Bromophenyl-phenylether	2	mg/kg	0.16	ND
4-Chloro-3-methylphenol	2	mg/kg	0.16	ND
4-Chloroaniline	2	mg/kg	0.16	ND
4-Chlorophenyl-phenylether	2	mg/kg	0.16	ND
4-Nitroaniline	2	mg/kg	0.16	ND
4-Nitrophenol	2	mg/kg	0.16	ND
Acenaphthene	2	mg/kg	0.16	0.21
Acenaphthylene	2	mg/kg	0.16	ND
Aniline	2	mg/kg	0.16	ND
Anthracene	2	mg/kg	0.16	0.19
Benzidine	2	mg/kg	0.81	ND
Benzo[a]anthracene	2	mg/kg	0.16	0.27
Benzo[a]pyrene	2	mg/kg	0.16	0.19
Benzo[b]fluoranthene	2	mg/kg	0.16	0.23
Benzo[g,h,i]perylene	2	mg/kg	0.16	0.25
Benzo[k]fluoranthene	2	mg/kg	0.16	ND
Benzoic acid	2	mg/kg	0.81	ND
bis(2-Chloroethoxy)methane	2	mg/kg	0.16	ND
bis(2-Chloroethyl)ether	2	mg/kg	0.16	ND
bis(2-Chloroisopropyl)ether	2	mg/kg	0.16	ND
bis(2-Ethylhexyl)phthalate	2	mg/kg	0.16	ND
Butylbenzylphthalate	2	mg/kg	0.16	ND
Carbazole	2	mg/kg	0.16	ND
Chrysene	2	mg/kg	0.16	0.36
Dibenzo[a,h]anthracene	2	mg/kg	0.16	ND
Dibenzofuran	2	mg/kg	0.16	ND
Diethylphthalate	2	mg/kg	0.16	ND
Dimethylphthalate	2	mg/kg	0.16	ND
Di-n-butylphthalate	2	mg/kg	0.16	ND
Di-n-octylphthalate	2	mg/kg	0.16	ND
Fluoranthene	2	mg/kg	0.16	0.30
Fluorene	2	mg/kg	0.16	0.21
Hexachlorobenzene	2	mg/kg	0.16	ND
Hexachlorobutadiene	2	mg/kg	0.16	ND
Hexachlorocyclopentadiene	2	mg/kg	0.81	ND
Hexachloroethane	2	mg/kg	0.16	ND
Indeno[1,2,3-cd]pyrene	2	mg/kg	0.16	ND
Isophorone	2	mg/kg	0.16	ND
Naphthalene	2	mg/kg	0.16	0.26
Nitrobenzene	2	mg/kg	0.16	ND
N-Nitrosodimethylamine	2	mg/kg	0.16	ND
N-Nitroso-di-n-propylamine	2	mg/kg	0.16	ND
N-Nitrosodiphenylamine	2	mg/kg	0.16	ND
Pentachlorophenol	2	mg/kg	0.81	ND
Phenanthrene	2	mg/kg	0.16	0.78
Phenol	2	mg/kg	0.16	ND
Pyrene	2	mg/kg	0.16	0.89

Lab#: AC50034-006		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR1022310S01				
TestGroup/Analyte	DF	Units	RL	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.984	mg/kg	NA	0.34J
1,1,1-Trichloroethane	0.984	mg/kg	0.0060	ND
1,1,2,2-Tetrachloroethane	0.984	mg/kg	0.0060	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.984	mg/kg	0.0060	ND
1,1,2-Trichloroethane	0.984	mg/kg	0.0060	ND
1,1-Dichloroethane	0.984	mg/kg	0.0060	ND
1,1-Dichloroethene	0.984	mg/kg	0.0060	ND
1,2,3-Trichloropropane	0.984	mg/kg	0.0060	ND
1,2,4-Trimethylbenzene	0.984	mg/kg	0.0012	0.0048
1,2-Dichlorobenzene	0.984	mg/kg	0.0060	ND
1,2-Dichloroethane	0.984	mg/kg	0.0060	ND
1,2-Dichloropropane	0.984	mg/kg	0.0060	ND
1,3,5-Trimethylbenzene	0.984	mg/kg	0.0012	0.0013
1,3-Dichlorobenzene	0.984	mg/kg	0.0060	ND
1,3-Dichloropropane	0.984	mg/kg	0.0060	ND
1,4-Dichlorobenzene	0.984	mg/kg	0.0060	ND
1,4-Dioxane	0.984	mg/kg	0.30	ND
2-Butanone	0.984	mg/kg	0.0060	ND
2-Chloroethylvinylether	0.984	mg/kg	0.0060	ND
2-Hexanone	0.984	mg/kg	0.0060	ND
4-Isopropyltoluene	0.984	mg/kg	0.0012	0.022
4-Methyl-2-pentanone	0.984	mg/kg	0.0060	ND
Acetone	0.984	mg/kg	0.030	ND
Acrolein	0.984	mg/kg	0.030	ND
Acrylonitrile	0.984	mg/kg	0.0060	ND
Benzene	0.984	mg/kg	0.0012	ND
Bromodichloromethane	0.984	mg/kg	0.0060	ND
Bromoform	0.984	mg/kg	0.0060	ND
Bromomethane	0.984	mg/kg	0.0060	ND
Carbon disulfide	0.984	mg/kg	0.0060	ND
Carbon tetrachloride	0.984	mg/kg	0.0060	ND
Chlorobenzene	0.984	mg/kg	0.0060	ND
Chloroethane	0.984	mg/kg	0.0060	ND
Chloroform	0.984	mg/kg	0.0060	ND
Chloromethane	0.984	mg/kg	0.0060	ND
cis-1,2-Dichloroethene	0.984	mg/kg	0.0060	ND
cis-1,3-Dichloropropene	0.984	mg/kg	0.0060	ND
Dibromochloromethane	0.984	mg/kg	0.0060	ND
Dichlorodifluoromethane	0.984	mg/kg	0.0060	ND
Ethylbenzene	0.984	mg/kg	0.0012	ND
Isopropylbenzene	0.984	mg/kg	0.0012	0.0035
m&p-Xylenes	0.984	mg/kg	0.0012	0.0016
Methylene chloride	0.984	mg/kg	0.0060	ND
Methyl-t-butyl ether	0.984	mg/kg	0.0012	ND
n-Butylbenzene	0.984	mg/kg	0.0012	0.0017
n-Propylbenzene	0.984	mg/kg	0.0012	0.0025
o-Xylene	0.984	mg/kg	0.0012	0.0020
sec-Butylbenzene	0.984	mg/kg	0.0012	0.0020
Styrene	0.984	mg/kg	0.0060	ND
t-Butyl Alcohol	0.984	mg/kg	0.030	ND
t-Butylbenzene	0.984	mg/kg	0.0012	ND
Tetrachloroethene	0.984	mg/kg	0.0060	ND
Toluene	0.984	mg/kg	0.0012	0.0040
trans-1,2-Dichloroethene	0.984	mg/kg	0.0060	ND
trans-1,3-Dichloropropene	0.984	mg/kg	0.0060	ND
Trichloroethene	0.984	mg/kg	0.0060	ND
Trichlorofluoromethane	0.984	mg/kg	0.0060	ND
Vinyl chloride	0.984	mg/kg	0.0060	ND
Xylenes (Total)	0.984	mg/kg	0.0012	0.0036

Lab#: AC50034-007		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR2022310S01				
TestGroup/Analyte	DF	Units	RL	Result

% Solids SM2540G

% Solids	1	percent	77

Semivolatile Organics + 25 (8270)

:TotalSemiVolatileTic	10	mg/kg	NA	4100J
1,2,4-Trichlorobenzene	10	mg/kg	0.87	ND
1,2-Diphenylhydrazine	10	mg/kg	0.87	ND
2,4,5-Trichlorophenol	10	mg/kg	0.87	ND
2,4,6-Trichlorophenol	10	mg/kg	0.87	ND
2,4-Dichlorophenol	10	mg/kg	0.87	ND
2,4-Dimethylphenol	10	mg/kg	0.87	ND
2,4-Dinitrophenol	10	mg/kg	4.3	ND
2,4-Dinitrotoluene	10	mg/kg	0.87	ND
2,6-Dinitrotoluene	10	mg/kg	0.87	ND
2-Chloronaphthalene	10	mg/kg	0.87	ND
2-Chlorophenol	10	mg/kg	0.87	ND
2-Methylnaphthalene	10	mg/kg	0.87	5.3
2-Methylphenol	10	mg/kg	0.87	ND
2-Nitroaniline	10	mg/kg	0.87	ND
2-Nitrophenol	10	mg/kg	0.87	ND
3,4-Methylphenol	10	mg/kg	0.87	ND
3,3'-Dichlorobenzidine	10	mg/kg	0.87	ND
3-Nitroaniline	10	mg/kg	0.87	ND
4,6-Dinitro-2-methylphenol	10	mg/kg	4.3	ND
4-Bromophenyl-phenylether	10	mg/kg	0.87	ND
4-Chloro-3-methylphenol	10	mg/kg	0.87	ND
4-Chloroaniline	10	mg/kg	0.87	ND
4-Chlorophenyl-phenylether	10	mg/kg	0.87	ND
4-Nitroaniline	10	mg/kg	0.87	ND
4-Nitrophenol	10	mg/kg	0.87	ND
Acenaphthene	10	mg/kg	0.87	ND
Acenaphthylene	10	mg/kg	0.87	ND
Aniline	10	mg/kg	0.87	ND
Anthracene	10	mg/kg	0.87	ND
Benzidine	10	mg/kg	4.3	ND
Benzo[a]anthracene	10	mg/kg	0.87	ND
Benzo[a]pyrene	10	mg/kg	0.87	ND
Benzo[b]fluoranthene	10	mg/kg	0.87	ND
Benzo[g,h,i]perylene	10	mg/kg	0.87	ND
Benzo[k]fluoranthene	10	mg/kg	0.87	ND
Benzoic acid	10	mg/kg	4.3	ND
bis(2-Chloroethoxy)methane	10	mg/kg	0.87	ND
bis(2-Chloroethyl)ether	10	mg/kg	0.87	ND
bis(2-Chloroisopropyl)ether	10	mg/kg	0.87	ND
bis(2-Ethylhexyl)phthalate	10	mg/kg	0.87	ND
Butylbenzylphthalate	10	mg/kg	0.87	ND
Carbazole	10	mg/kg	0.87	ND
Chrysene	10	mg/kg	0.87	ND
Dibenzo[a,h]anthracene	10	mg/kg	0.87	ND
Dibenzofuran	10	mg/kg	0.87	ND
Diethylphthalate	10	mg/kg	0.87	ND
Dimethylphthalate	10	mg/kg	0.87	ND
Di-n-butylphthalate	10	mg/kg	0.87	ND
Di-n-octylphthalate	10	mg/kg	0.87	ND
Fluoranthene	10	mg/kg	0.87	ND
Fluorene	10	mg/kg	0.87	ND
Hexachlorobenzene	10	mg/kg	0.87	ND
Hexachlorobutadiene	10	mg/kg	0.87	ND
Hexachlorocyclopentadiene	10	mg/kg	4.3	ND
Hexachloroethane	10	mg/kg	0.87	ND
Indeno[1,2,3-cd]pyrene	10	mg/kg	0.87	ND
Isophorone	10	mg/kg	0.87	ND
Naphthalene	10	mg/kg	0.87	ND
Nitrobenzene	10	mg/kg	0.87	ND
N-Nitrosodimethylamine	10	mg/kg	0.87	ND
N-Nitroso-di-n-propylamine	10	mg/kg	0.87	ND
N-Nitrosodiphenylamine	10	mg/kg	0.87	ND
Pentachlorophenol	10	mg/kg	4.3	ND
Phenanthrene	10	mg/kg	0.87	1.0
Phenol	10	mg/kg	0.87	ND
Pyrene	10	mg/kg	0.87	ND

Lab#: AC50034-007		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR2022310S01				
TestGroup/Analyte	DF	Units	RL	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.998	mg/kg	NA	0.48J
1,1,1-Trichloroethane	0.998	mg/kg	0.0065	ND
1,1,2,2-Tetrachloroethane	0.998	mg/kg	0.0065	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.998	mg/kg	0.0065	ND
1,1,2-Trichloroethane	0.998	mg/kg	0.0065	ND
1,1-Dichloroethane	0.998	mg/kg	0.0065	ND
1,1-Dichloroethene	0.998	mg/kg	0.0065	ND
1,2,3-Trichloropropane	0.998	mg/kg	0.0065	ND
1,2,4-Trimethylbenzene	0.998	mg/kg	0.0013	0.0015
1,2-Dichlorobenzene	0.998	mg/kg	0.0065	ND
1,2-Dichloroethane	0.998	mg/kg	0.0065	ND
1,2-Dichloropropane	0.998	mg/kg	0.0065	ND
1,3,5-Trimethylbenzene	0.998	mg/kg	0.0013	ND
1,3-Dichlorobenzene	0.998	mg/kg	0.0065	ND
1,3-Dichloropropane	0.998	mg/kg	0.0065	ND
1,4-Dichlorobenzene	0.998	mg/kg	0.0065	ND
1,4-Dioxane	0.998	mg/kg	0.32	ND
2-Butanone	0.998	mg/kg	0.0065	ND
2-Chloroethylvinylether	0.998	mg/kg	0.0065	ND
2-Hexanone	0.998	mg/kg	0.0065	ND
4-Isopropyltoluene	0.998	mg/kg	0.0013	0.0016
4-Methyl-2-pentanone	0.998	mg/kg	0.0065	ND
Acetone	0.998	mg/kg	0.032	0.57
Acrolein	0.998	mg/kg	0.032	ND
Acrylonitrile	0.998	mg/kg	0.0065	ND
Benzene	0.998	mg/kg	0.0013	ND
Bromodichloromethane	0.998	mg/kg	0.0065	ND
Bromoform	0.998	mg/kg	0.0065	ND
Bromomethane	0.998	mg/kg	0.0065	ND
Carbon disulfide	0.998	mg/kg	0.0065	0.012
Carbon tetrachloride	0.998	mg/kg	0.0065	ND
Chlorobenzene	0.998	mg/kg	0.0065	ND
Chloroethane	0.998	mg/kg	0.0065	ND
Chloroform	0.998	mg/kg	0.0065	ND
Chloromethane	0.998	mg/kg	0.0065	ND
cis-1,2-Dichloroethene	0.998	mg/kg	0.0065	ND
cis-1,3-Dichloropropene	0.998	mg/kg	0.0065	ND
Dibromochloromethane	0.998	mg/kg	0.0065	ND
Dichlorodifluoromethane	0.998	mg/kg	0.0065	ND
Ethylbenzene	0.998	mg/kg	0.0013	ND
Isopropylbenzene	0.998	mg/kg	0.0013	0.0057
m&p-Xylenes	0.998	mg/kg	0.0013	0.0014
Methylene chloride	0.998	mg/kg	0.0065	ND
Methyl-t-butyl ether	0.998	mg/kg	0.0013	ND
n-Butylbenzene	0.998	mg/kg	0.0013	0.0019
n-Propylbenzene	0.998	mg/kg	0.0013	0.0047
o-Xylene	0.998	mg/kg	0.0013	0.0018
sec-Butylbenzene	0.998	mg/kg	0.0013	0.0029
Styrene	0.998	mg/kg	0.0065	ND
t-Butyl Alcohol	0.998	mg/kg	0.032	ND
t-Butylbenzene	0.998	mg/kg	0.0013	ND
Tetrachloroethene	0.998	mg/kg	0.0065	ND
Toluene	0.998	mg/kg	0.0013	0.0026
trans-1,2-Dichloroethene	0.998	mg/kg	0.0065	ND
trans-1,3-Dichloropropene	0.998	mg/kg	0.0065	ND
Trichloroethene	0.998	mg/kg	0.0065	ND
Trichlorofluoromethane	0.998	mg/kg	0.0065	ND
Vinyl chloride	0.998	mg/kg	0.0065	ND
Xylenes (Total)	0.998	mg/kg	0.0013	0.0032

Lab#: AC50034-008		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR3022310S01				
TestGroup/Analyte	DF	Units	RL	Result

% Solids SM2540G

% Solids	1	percent	55

Semivolatile Organics + 25 (8270)

:TotalSemiVolatileTic	2	mg/kg	NA	270J
1,2,4-Trichlorobenzene	2	mg/kg	0.24	ND
1,2-Diphenylhydrazine	2	mg/kg	0.24	ND
2,4,5-Trichlorophenol	2	mg/kg	0.24	ND
2,4,6-Trichlorophenol	2	mg/kg	0.24	ND
2,4-Dichlorophenol	2	mg/kg	0.24	ND
2,4-Dimethylphenol	2	mg/kg	0.24	ND
2,4-Dinitrophenol	2	mg/kg	1.2	ND
2,4-Dinitrotoluene	2	mg/kg	0.24	ND
2,6-Dinitrotoluene	2	mg/kg	0.24	ND
2-Chloronaphthalene	2	mg/kg	0.24	ND
2-Chlorophenol	2	mg/kg	0.24	ND
2-Methylnaphthalene	2	mg/kg	0.24	ND
2-Methylphenol	2	mg/kg	0.24	ND
2-Nitroaniline	2	mg/kg	0.24	ND
2-Nitrophenol	2	mg/kg	0.24	ND
3&4-Methylphenol	2	mg/kg	0.24	ND
3,3'-Dichlorobenzidine	2	mg/kg	0.24	ND
3-Nitroaniline	2	mg/kg	0.24	ND
4,6-Dinitro-2-methylphenol	2	mg/kg	1.2	ND
4-Bromophenyl-phenylether	2	mg/kg	0.24	ND
4-Chloro-3-methylphenol	2	mg/kg	0.24	ND
4-Chloroaniline	2	mg/kg	0.24	ND
4-Chlorophenyl-phenylether	2	mg/kg	0.24	ND
4-Nitroaniline	2	mg/kg	0.24	ND
4-Nitrophenol	2	mg/kg	0.24	ND
Acenaphthene	2	mg/kg	0.24	0.31
Acenaphthylene	2	mg/kg	0.24	ND
Aniline	2	mg/kg	0.24	ND
Anthracene	2	mg/kg	0.24	0.33
Benzidine	2	mg/kg	1.2	ND
Benzo[a]anthracene	2	mg/kg	0.24	0.34
Benzo[a]pyrene	2	mg/kg	0.24	0.31
Benzo[b]fluoranthene	2	mg/kg	0.24	ND
Benzo[g,h,i]perylene	2	mg/kg	0.24	ND
Benzo[k]fluoranthene	2	mg/kg	0.24	ND
Benzoic acid	2	mg/kg	1.2	ND
bis(2-Chloroethoxy)methane	2	mg/kg	0.24	ND
bis(2-Chloroethyl)ether	2	mg/kg	0.24	ND
bis(2-Chloroisopropyl)ether	2	mg/kg	0.24	ND
bis(2-Ethylhexyl)phthalate	2	mg/kg	0.24	ND
Butylbenzylphthalate	2	mg/kg	0.24	ND
Carbazole	2	mg/kg	0.24	ND
Chrysene	2	mg/kg	0.24	0.53
Dibenzo[a,h]anthracene	2	mg/kg	0.24	ND
Dibenzofuran	2	mg/kg	0.24	ND
Diethylphthalate	2	mg/kg	0.24	ND
Dimethylphthalate	2	mg/kg	0.24	ND
Di-n-butylphthalate	2	mg/kg	0.24	ND
Di-n-octylphthalate	2	mg/kg	0.24	ND
Fluoranthene	2	mg/kg	0.24	0.31
Fluorene	2	mg/kg	0.24	0.38
Hexachlorobenzene	2	mg/kg	0.24	ND
Hexachlorobutadiene	2	mg/kg	0.24	ND
Hexachlorocyclopentadiene	2	mg/kg	1.2	ND
Hexachloroethane	2	mg/kg	0.24	ND
Indeno[1,2,3-cd]pyrene	2	mg/kg	0.24	ND
Isophorone	2	mg/kg	0.24	ND
Naphthalene	2	mg/kg	0.24	0.44
Nitrobenzene	2	mg/kg	0.24	ND
N-Nitrosodimethylamine	2	mg/kg	0.24	ND
N-Nitroso-di-n-propylamine	2	mg/kg	0.24	ND
N-Nitrosodiphenylamine	2	mg/kg	0.24	ND
Pentachlorophenol	2	mg/kg	1.2	ND
Phenanthrene	2	mg/kg	0.24	0.67
Phenol	2	mg/kg	0.24	ND
Pyrene	2	mg/kg	0.24	1.2

Lab#: AC50034-008		Collection Date: 2/23/2010		
Sample ID: PI01-TP-RAR3022310S01				
TestGroup/Analyte	DF	Units	RL	Result

Volatile Organics + 10 (8260)

:TotalVolatileTic	0.947	mg/kg	NA	3.7J
1,1,1-Trichloroethane	0.947	mg/kg	0.0086	ND
1,1,2,2-Tetrachloroethane	0.947	mg/kg	0.0086	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.947	mg/kg	0.0086	ND
1,1,2-Trichloroethane	0.947	mg/kg	0.0086	ND
1,1-Dichlorobenzene	0.947	mg/kg	0.0086	ND
1,1-Dichloroethene	0.947	mg/kg	0.0086	ND
1,2,3-Trichloropropane	0.947	mg/kg	0.0086	ND
1,2,4-Trimethylbenzene	0.947	mg/kg	0.0017	0.0044
1,2-Dichlorobenzene	0.947	mg/kg	0.0086	ND
1,2-Dichloroethane	0.947	mg/kg	0.0086	ND
1,2-Dichloropropane	0.947	mg/kg	0.0086	ND
1,3,5-Trimethylbenzene	0.947	mg/kg	0.0017	ND
1,3-Dichlorobenzene	0.947	mg/kg	0.0086	ND
1,3-Dichloropropane	0.947	mg/kg	0.0086	ND
1,4-Dichlorobenzene	0.947	mg/kg	0.0086	ND
1,4-Dioxane	0.947	mg/kg	0.43	ND
2-Butanone	0.947	mg/kg	0.0086	ND
2-Chloroethylvinylether	0.947	mg/kg	0.0086	ND
2-Hexanone	0.947	mg/kg	0.0086	ND
4-Isopropyltoluene	0.947	mg/kg	0.0017	ND
4-Methyl-2-pentanone	0.947	mg/kg	0.0086	ND
Acetone	0.947	mg/kg	0.043	ND
Acrolein	0.947	mg/kg	0.043	ND
Acrylonitrile	0.947	mg/kg	0.0086	ND
Benzene	0.947	mg/kg	0.0017	ND
Bromodichloromethane	0.947	mg/kg	0.0086	ND
Bromoform	0.947	mg/kg	0.0086	ND
Bromomethane	0.947	mg/kg	0.0086	ND
Carbon disulfide	0.947	mg/kg	0.0086	0.0095
Carbon tetrachloride	0.947	mg/kg	0.0086	ND
Chlorobenzene	0.947	mg/kg	0.0086	ND
Chloroethane	0.947	mg/kg	0.0086	ND
Chloroform	0.947	mg/kg	0.0086	ND
Chloromethane	0.947	mg/kg	0.0086	ND
cis-1,2-Dichloroethene	0.947	mg/kg	0.0086	ND
cis-1,3-Dichloropropene	0.947	mg/kg	0.0086	ND
Dibromochloromethane	0.947	mg/kg	0.0086	ND
Dichlorodifluoromethane	0.947	mg/kg	0.0086	ND
Ethylbenzene	0.947	mg/kg	0.0017	ND
Isopropylbenzene	0.947	mg/kg	0.0017	0.0026
m&p-Xylenes	0.947	mg/kg	0.0017	ND
Methylene chloride	0.947	mg/kg	0.0086	ND
Methyl-t-butyl ether	0.947	mg/kg	0.0017	ND
n-Butylbenzene	0.947	mg/kg	0.0017	ND
n-Propylbenzene	0.947	mg/kg	0.0017	0.0024
o-Xylene	0.947	mg/kg	0.0017	ND
sec-Butylbenzene	0.947	mg/kg	0.0017	0.0064
Styrene	0.947	mg/kg	0.0086	ND
t-Butyl Alcohol	0.947	mg/kg	0.043	ND
t-Butylbenzene	0.947	mg/kg	0.0017	ND
Tetrachloroethene	0.947	mg/kg	0.0086	ND
Toluene	0.947	mg/kg	0.0017	ND
trans-1,2-Dichloroethene	0.947	mg/kg	0.0086	ND
trans-1,3-Dichloropropene	0.947	mg/kg	0.0086	ND
Trichloroethene	0.947	mg/kg	0.0086	ND
Trichlorofluoromethane	0.947	mg/kg	0.0086	ND
Vinyl chloride	0.947	mg/kg	0.0086	ND
Xylenes (Total)	0.947	mg/kg	0.0017	ND

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-001

Client Id: PI01-TP-RAM2022210S01

Data File: 1M54652.D

Analysis Date: 03/01/10 11:56

Date Rec/Extracted: 02/25/10-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: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0073	U	56-23-5	Carbon Tetrachloride	0.0073	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0073	U	108-90-7	Chlorobenzene	0.0073	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0073	U	75-00-3	Chloroethane	0.0073	U
79-00-5	1,1,2-Trichloroethane	0.0073	U	67-66-3	Chloroform	0.0073	U
75-34-3	1,1-Dichloroethane	0.0073	U	74-87-3	Chloromethane	0.0073	U
75-35-4	1,1-Dichloroethene	0.0073	U	156-59-2	cis-1,2-Dichloroethene	0.0073	U
96-18-4	1,2,3-Trichloropropane	0.0073	U	10061-01-5	cis-1,3-Dichloropropene	0.0073	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0073	U
95-50-1	1,2-Dichlorobenzene	0.0073	U	75-71-8	Dichlorodifluoromethane	0.0073	U
107-06-2	1,2-Dichloroethane	0.0073	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0073	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0015	U
541-73-1	1,3-Dichlorobenzene	0.0073	U	75-09-2	Methylene Chloride	0.0073	U
142-28-9	1,3-Dichloropropane	0.0073	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0073	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0073	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0073	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0073	U	100-42-5	Styrene	0.0073	U
99-87-6	4-Isopropyltoluene	0.0015	U	75-65-0	t-Butyl Alcohol	0.037	U
108-10-1	4-Methyl-2-Pentanone	0.0073	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	Acetone	0.037	U	127-18-4	Tetrachloroethene	0.0073	U
107-02-8	Acrolein	0.037	U	108-88-3	Toluene	0.0015	U
107-13-1	Acrylonitrile	0.0073	U	156-60-5	trans-1,2-Dichloroethene	0.0073	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0073	U
75-27-4	Bromodichloromethane	0.0073	U	79-01-6	Trichloroethene	0.0073	U
75-25-2	Bromoform	0.0073	U	75-69-4	Trichlorofluoromethane	0.0073	U
74-83-9	Bromomethane	0.0073	U	75-01-4	Vinyl Chloride	0.0073	U
75-15-0	Carbon Disulfide	0.0073	U	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-001	Matrix: Soil
Client Id: PI01-TP-RAM2022210S	Initial Vol: 5.02g
Data File: 1M54652.D	Final Vol: NA
Analysis Date: 03/01/10 11:56	Dilution: 0.996
Date Rec/Extracted: 02/25/10-NA	Solids: 68
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	4442-79-9	Cyclohexaneethanol	7.77	0.12 J
2	53366-38-4	Cyclopentane, (2-methylbutyl)-	7.99	0.074 J
3	34177-18-9	Spiro[4.4]nonan-2-one	8.12	0.17 J
4	61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	8.23	0.11 J
5	17301-33-6	Undecane, 4,8-dimethyl-	8.31	0.15 J
6	2958-76-1	Naphthalene, decahydro-2-methyl-	8.53	0.082 J
7	17301-23-4	Undecane, 2,6-dimethyl-	8.89	0.15 J
8	1750-51-2	Naphthalene, decahydro-1,6-dimethyl-	9.03	0.088 J
9	54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	9.25	0.073 J
10		unknown	9.62	0.079 J

Worksheet #: 144264

Total Tentatively Identified Concentration 1.1**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: AC50034-002

Client Id: PI01-TP-RAO1022210S01

Data File: 1M54651.D

Analysis Date: 03/01/10 11:40

Date Rec/Extracted: 02/25/10-NA

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: 76

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0066	U	56-23-5	Carbon Tetrachloride	0.0066	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0066	U	108-90-7	Chlorobenzene	0.0066	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0066	U	75-00-3	Chloroethane	0.0066	U
79-00-5	1,1,2-Trichloroethane	0.0066	U	67-66-3	Chloroform	0.0066	U
75-34-3	1,1-Dichloroethane	0.0066	U	74-87-3	Chloromethane	0.0066	U
75-35-4	1,1-Dichloroethene	0.0066	U	156-59-2	cis-1,2-Dichloroethene	0.0066	U
96-18-4	1,2,3-Trichloropropane	0.0066	U	10061-01-5	cis-1,3-Dichloropropene	0.0066	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0066	U
95-50-1	1,2-Dichlorobenzene	0.0066	U	75-71-8	Dichlorodifluoromethane	0.0066	U
107-06-2	1,2-Dichloroethane	0.0066	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0066	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0013	U
541-73-1	1,3-Dichlorobenzene	0.0066	U	75-09-2	Methylene Chloride	0.0066	U
142-28-9	1,3-Dichloropropane	0.0066	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0066	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.33	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0066	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0066	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0066	U	100-42-5	Styrene	0.0066	U
99-87-6	4-Isopropyltoluene	0.0013	0.0039	75-65-0	t-Butyl Alcohol	0.033	U
108-10-1	4-Methyl-2-Pentanone	0.0066	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.033	U	127-18-4	Tetrachloroethene	0.0066	U
107-02-8	Acrolein	0.033	U	108-88-3	Toluene	0.0013	0.0018
107-13-1	Acrylonitrile	0.0066	U	156-60-5	trans-1,2-Dichloroethene	0.0066	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0066	U
75-27-4	Bromodichloromethane	0.0066	U	79-01-6	Trichloroethene	0.0066	U
75-25-2	Bromoform	0.0066	U	75-69-4	Trichlorofluoromethane	0.0066	U
74-83-9	Bromomethane	0.0066	U	75-01-4	Vinyl Chloride	0.0066	U
75-15-0	Carbon Disulfide	0.0066	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 144264

Total Target Concentration 0.0057

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.*

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-002	Matrix: Soil
Client Id: PI01-TP-RAO1022210S	Initial Vol: 5g
Data File: 1M54651.D	Final Vol: NA
Analysis Date: 03/01/10 11:40	Dilution: 1.00
Date Rec/Extracted: 02/25/10-NA	Solids: 76
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.41	0.016 J
2		unknown	8.53	0.026 J
3	17301-28-9	Undecane, 3,6-dimethyl-	8.89	0.041 J
4		unknown	9.15	0.013 J
5		unknown	9.19	0.015 J
6	41446-63-3	7-Tetradecene, (E)-	9.25	0.014 J
7	74645-98-0	Dodecane, 2,7,10-trimethyl-	9.29	0.017 J
8		unknown	9.42	0.020 J
9		unknown	9.62	0.013 J
10		unknown	9.69	0.015 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.19*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: AC50034-003

Client Id: PI01-TP-RAO2022210S01

Data File: 1M54650.D

Analysis Date: 03/01/10 11:24

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.07g

Final Vol: NA

Dilution: 0.986

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0060	U	56-23-5	Carbon Tetrachloride	0.0060	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0060	U	108-90-7	Chlorobenzene	0.0060	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0060	U	75-00-3	Chloroethane	0.0060	U
79-00-5	1,1,2-Trichloroethane	0.0060	U	67-66-3	Chloroform	0.0060	U
75-34-3	1,1-Dichloroethane	0.0060	U	74-87-3	Chloromethane	0.0060	U
75-35-4	1,1-Dichloroethene	0.0060	U	156-59-2	cis-1,2-Dichloroethene	0.0060	U
96-18-4	1,2,3-Trichloropropane	0.0060	U	10061-01-5	cis-1,3-Dichloropropene	0.0060	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0060	U
95-50-1	1,2-Dichlorobenzene	0.0060	U	75-71-8	Dichlorodifluoromethane	0.0060	U
107-06-2	1,2-Dichloroethane	0.0060	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0060	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	0.0060	U	75-09-2	Methylene Chloride	0.0060	U
142-28-9	1,3-Dichloropropane	0.0060	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0060	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0060	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0060	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0060	U	100-42-5	Styrene	0.0060	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0060	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	U	127-18-4	Tetrachloroethene	0.0060	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0060	U	156-60-5	trans-1,2-Dichloroethene	0.0060	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0060	U
75-27-4	Bromodichloromethane	0.0060	U	79-01-6	Trichloroethene	0.0060	U
75-25-2	Bromoform	0.0060	U	75-69-4	Trichlorofluoromethane	0.0060	U
74-83-9	Bromomethane	0.0060	U	75-01-4	Vinyl Chloride	0.0060	U
75-15-0	Carbon Disulfide	0.0060	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-003 Matrix: Soil
Client Id: PI01-TP-RAO2022210S Initial Vol: 5.07g
Data File: 1M54650.D Final Vol: NA
Analysis Date: 03/01/10 11:24 Dilution: 0.986
Date Rec/Extracted: 02/25/10-NA Solids: 82
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.018 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.018*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: AC50034-004

Client Id: PI01-TP-RAQ1022210S01

Data File: 1M54611.D

Analysis Date: 02/26/10 13:30

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.29g

Final Vol: NA

Dilution: 0.945

Solids: 82

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	0.0013	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	0.0020
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 #: 144264

Total Target Concentration 0.0033

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-004 Matrix: Soil
Client Id: PI01-TP-RAQ1022210S Initial Vol: 5.29g
Data File: 1M54611.D Final Vol: NA
Analysis Date: 02/26/10 13:30 Dilution: 0.945
Date Rec/Extracted: 02/25/10-NA Solids: 82
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	91-17-8	Naphthalene, decahydro-	8.14	0.011 J
2		unknown	8.33	0.0098 J
3	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.011 J
4	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.015 J
5	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.025 J
6		unknown	9.06	0.012 J
7		unknown	9.21	0.013 J
8		unknown	9.43	0.011 J
9		unknown	9.64	0.014 J
10		unknown	9.71	0.015 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.14*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: AC50034-005

Client Id: PI01-TP-RAQ2022210S01

Data File: 1M54612.D

Analysis Date: 02/26/10 13:46

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.21g

Final Vol: NA

Dilution: 0.960

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0059	U	56-23-5	Carbon Tetrachloride	0.0059	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0059	U	108-90-7	Chlorobenzene	0.0059	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0059	U	75-00-3	Chloroethane	0.0059	U
79-00-5	1,1,2-Trichloroethane	0.0059	U	67-66-3	Chloroform	0.0059	U
75-34-3	1,1-Dichloroethane	0.0059	U	74-87-3	Chloromethane	0.0059	U
75-35-4	1,1-Dichloroethene	0.0059	U	156-59-2	cis-1,2-Dichloroethene	0.0059	U
96-18-4	1,2,3-Trichloropropane	0.0059	U	10061-01-5	cis-1,3-Dichloropropene	0.0059	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	0.0020	124-48-1	Dibromochloromethane	0.0059	U
95-50-1	1,2-Dichlorobenzene	0.0059	U	75-71-8	Dichlorodifluoromethane	0.0059	U
107-06-2	1,2-Dichloroethane	0.0059	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0059	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	0.0059	U	75-09-2	Methylene Chloride	0.0059	U
142-28-9	1,3-Dichloropropane	0.0059	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0059	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0059	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0059	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0059	U	100-42-5	Styrene	0.0059	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0059	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	0.042	127-18-4	Tetrachloroethene	0.0059	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	0.0018
107-13-1	Acrylonitrile	0.0059	U	156-60-5	trans-1,2-Dichloroethene	0.0059	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0059	U
75-27-4	Bromodichloromethane	0.0059	U	79-01-6	Trichloroethene	0.0059	U
75-25-2	Bromoform	0.0059	U	75-69-4	Trichlorofluoromethane	0.0059	U
74-83-9	Bromomethane	0.0059	U	75-01-4	Vinyl Chloride	0.0059	U
75-15-0	Carbon Disulfide	0.0059	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144264

Total Target Concentration 0.046

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005	Matrix: Soil
Client Id: PI01-TP-RAQ2022210S	Initial Vol: 5.21g
Data File: 1M54612.D	Final Vol: NA
Analysis Date: 02/26/10 13:46	Dilution: 0.960
Date Rec/Extracted: 02/25/10-NA	Solids: 81
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	8.33	0.024 J
2	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.021 J
3	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.022 J
4	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.046 J
5		unknown	9.06	0.024 J
6	17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	9.22	0.021 J
7	85329-77-7	1,1,4,4-Tetramethyl-2,3,4,5,6,7-hexahyd	9.40	0.016 J
8		unknown	9.44	0.022 J
9		unknown	9.64	0.024 J
10	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.71	0.029 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.25**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: AC50034-005

Client Id: PI01-TP-RAQ2022210S01

Data File: 3M72003.D

Analysis Date: 02/26/10 23:21

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.03g

Final Vol: NA

Dilution: 0.994

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0061	U	56-23-5	Carbon Tetrachloride	0.0061	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0061	U	108-90-7	Chlorobenzene	0.0061	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0061	U	75-00-3	Chloroethane	0.0061	U
79-00-5	1,1,2-Trichloroethane	0.0061	U	67-66-3	Chloroform	0.0061	U
75-34-3	1,1-Dichloroethane	0.0061	U	74-87-3	Chloromethane	0.0061	U
75-35-4	1,1-Dichloroethene	0.0061	U	156-59-2	cis-1,2-Dichloroethene	0.0061	U
96-18-4	1,2,3-Trichloropropane	0.0061	U	10061-01-5	cis-1,3-Dichloropropene	0.0061	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0061	U
95-50-1	1,2-Dichlorobenzene	0.0061	U	75-71-8	Dichlorodifluoromethane	0.0061	U
107-06-2	1,2-Dichloroethane	0.0061	U	100-41-4	Ethylbenzene	0.00061	U
78-87-5	1,2-Dichloropropane	0.0061	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	0.0061	U	75-09-2	Methylene Chloride	0.0061	U
142-28-9	1,3-Dichloropropane	0.0061	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0061	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0061	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0061	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0061	U	100-42-5	Styrene	0.0061	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0061	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.031	0.081	127-18-4	Tetrachloroethene	0.0061	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0061	U	156-60-5	trans-1,2-Dichloroethene	0.0061	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0061	U
75-27-4	Bromodichloromethane	0.0061	U	79-01-6	Trichloroethene	0.0061	U
75-25-2	Bromoform	0.0061	U	75-69-4	Trichlorofluoromethane	0.0061	U
74-83-9	Bromomethane	0.0061	U	75-01-4	Vinyl Chloride	0.0061	U
75-15-0	Carbon Disulfide	0.0061	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144263

Total Target Concentration 0.081

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005	Matrix: Soil
Client Id: PI01-TP-RAQ2022210S	Initial Vol: 5.03g
Data File: 3M72003.D	Final Vol: NA
Analysis Date: 02/26/10 23:21	Dilution: 0.994
Date Rec/Extracted: 02/25/10-NA	Solids: 81
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	74630-30-1	2-Decene, 4-methyl-, (Z)-	7.30	0.014 J
2		unknown	7.74	0.014 J
3	91-17-8	Naphthalene, decahydro-	8.08	0.016 J
4	2958-76-1	Naphthalene, decahydro-2-methyl-	8.48	0.018 J
5	17301-23-4	Undecane, 2,6-dimethyl-	8.84	0.037 J
6		unknown	9.00	0.018 J
7		unknown	9.10	0.014 J
8	62199-51-3	Cyclopentane, 1-pentyl-2-propyl-	9.20	0.015 J
9		unknown	9.37	0.015 J
10		unknown	9.56	0.023 J

Worksheet #: 144263

Total Tentatively Identified Concentration 0.18*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: AC50034-006

Client Id: PI01-TP-RAR1022310S01

Data File: 1M54613.D

Analysis Date: 02/26/10 14:02

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.08g

Final Vol: NA

Dilution: 0.984

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0060	U	56-23-5	Carbon Tetrachloride	0.0060	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0060	U	108-90-7	Chlorobenzene	0.0060	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0060	U	75-00-3	Chloroethane	0.0060	U
79-00-5	1,1,2-Trichloroethane	0.0060	U	67-66-3	Chloroform	0.0060	U
75-34-3	1,1-Dichloroethane	0.0060	U	74-87-3	Chloromethane	0.0060	U
75-35-4	1,1-Dichloroethene	0.0060	U	156-59-2	cis-1,2-Dichloroethene	0.0060	U
96-18-4	1,2,3-Trichloropropane	0.0060	U	10061-01-5	cis-1,3-Dichloropropene	0.0060	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	0.0048	124-48-1	Dibromochloromethane	0.0060	U
95-50-1	1,2-Dichlorobenzene	0.0060	U	75-71-8	Dichlorodifluoromethane	0.0060	U
107-06-2	1,2-Dichloroethane	0.0060	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0060	U	98-82-8	Isopropylbenzene	0.0012	0.0035
108-67-8	1,3,5-Trimethylbenzene	0.0012	0.0013	136777612	m&p-Xylenes	0.0012	0.0016
541-73-1	1,3-Dichlorobenzene	0.0060	U	75-09-2	Methylene Chloride	0.0060	U
142-28-9	1,3-Dichloropropane	0.0060	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0060	U	104-51-8	n-Butylbenzene	0.0012	0.0017
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	0.0025
78-93-3	2-Butanone	0.0060	U	95-47-6	o-Xylene	0.0012	0.0020
110-75-8	2-Chloroethylvinylether	0.0060	U	135-98-8	sec-Butylbenzene	0.0012	0.0020
591-78-6	2-Hexanone	0.0060	U	100-42-5	Styrene	0.0060	U
99-87-6	4-Isopropyltoluene	0.0012	0.022	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0060	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	U	127-18-4	Tetrachloroethene	0.0060	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	0.0040
107-13-1	Acrylonitrile	0.0060	U	156-60-5	trans-1,2-Dichloroethene	0.0060	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0060	U
75-27-4	Bromodichloromethane	0.0060	U	79-01-6	Trichloroethene	0.0060	U
75-25-2	Bromoform	0.0060	U	75-69-4	Trichlorofluoromethane	0.0060	U
74-83-9	Bromomethane	0.0060	U	75-01-4	Vinyl Chloride	0.0060	U
75-15-0	Carbon Disulfide	0.0060	U	1330-20-7	Xylenes (Total)	0.0012	0.0036

Worksheet #: 144264

Total Target Concentration 0.045

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-006	Matrix: Soil
Client Id: PI01-TP-RAR1022310S	Initial Vol: 5.08g
Data File: 1M54613.D	Final Vol: NA
Analysis Date: 02/26/10 14:02	Dilution: 0.984
Date Rec/Extracted: 02/25/10-NA	Solids: 82
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.32	0.029 J
2	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.023 J
3	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.092 J
4	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.12	0.033 J
5		unknown	9.17	0.019 J
6	17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	9.23	0.047 J
7	91-20-3	Naphthalene	9.36	0.020 J
8		unknown	9.44	0.032 J
9	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.71	0.025 J
10		unknown	9.85	0.022 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.34*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: AC50034-007

Client Id: PI01-TP-RAR2022310S01

Data File: 1M54614.D

Analysis Date: 02/26/10 14:18

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.01g

Final Vol: NA

Dilution: 0.998

Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0065	U	56-23-5	Carbon Tetrachloride	0.0065	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0065	U	108-90-7	Chlorobenzene	0.0065	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0065	U	75-00-3	Chloroethane	0.0065	U
79-00-5	1,1,2-Trichloroethane	0.0065	U	67-66-3	Chloroform	0.0065	U
75-34-3	1,1-Dichloroethane	0.0065	U	74-87-3	Chloromethane	0.0065	U
75-35-4	1,1-Dichloroethene	0.0065	U	156-59-2	cis-1,2-Dichloroethene	0.0065	U
96-18-4	1,2,3-Trichloropropane	0.0065	U	10061-01-5	cis-1,3-Dichloropropene	0.0065	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	0.0015	124-48-1	Dibromochloromethane	0.0065	U
95-50-1	1,2-Dichlorobenzene	0.0065	U	75-71-8	Dichlorodifluoromethane	0.0065	U
107-06-2	1,2-Dichloroethane	0.0065	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0065	U	98-82-8	Isopropylbenzene	0.0013	0.0057
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0013	0.0014
541-73-1	1,3-Dichlorobenzene	0.0065	U	75-09-2	Methylene Chloride	0.0065	U
142-28-9	1,3-Dichloropropane	0.0065	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0065	U	104-51-8	n-Butylbenzene	0.0013	0.0019
123-91-1	1,4-Dioxane	0.32	U	103-65-1	n-Propylbenzene	0.0013	0.0047
78-93-3	2-Butanone	0.0065	U	95-47-6	o-Xylene	0.0013	0.0018
110-75-8	2-Chloroethylvinylether	0.0065	U	135-98-8	sec-Butylbenzene	0.0013	0.0029
591-78-6	2-Hexanone	0.0065	U	100-42-5	Styrene	0.0065	U
99-87-6	4-Isopropyltoluene	0.0013	0.0016	75-65-0	t-Butyl Alcohol	0.032	U
108-10-1	4-Methyl-2-Pentanone	0.0065	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.032	0.57	127-18-4	Tetrachloroethene	0.0065	U
107-02-8	Acrolein	0.032	U	108-88-3	Toluene	0.0013	0.0026
107-13-1	Acrylonitrile	0.0065	U	156-60-5	trans-1,2-Dichloroethene	0.0065	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0065	U
75-27-4	Bromodichloromethane	0.0065	U	79-01-6	Trichloroethene	0.0065	U
75-25-2	Bromoform	0.0065	U	75-69-4	Trichlorofluoromethane	0.0065	U
74-83-9	Bromomethane	0.0065	U	75-01-4	Vinyl Chloride	0.0065	U
75-15-0	Carbon Disulfide	0.0065	0.012	1330-20-7	Xylenes (Total)	0.0013	0.0032

Worksheet #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-007
Client Id: PI01-TP-RAR2022310S
Data File: 1M54614.D
Analysis Date: 02/26/10 14:18
Date Rec/Extracted: 02/25/10-NA

Matrix: Soil
Initial Vol: 5.01g
Final Vol: NA
Dilution: 0.998
Solids: 77
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.90	0.072 J
2	496-11-7	1H-Indene, 2,3-dihydro-	8.07	0.025 J
3	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.32	0.033 J
4	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.42	0.048 J
5	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.81	0.025 J
6	824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	8.92	0.089 J
7	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.12	0.049 J
8	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.23	0.075 J
9	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.71	0.033 J
10	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.85	0.033 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.48*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: AC50034-008

Client Id: PI01-TP-RAR3022310S01

Data File: 1M54615.D

Analysis Date: 02/26/10 14:34

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.28g

Final Vol: NA

Dilution: 0.947

Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0086	U	56-23-5	Carbon Tetrachloride	0.0086	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0086	U	108-90-7	Chlorobenzene	0.0086	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0086	U	75-00-3	Chloroethane	0.0086	U
79-00-5	1,1,2-Trichloroethane	0.0086	U	67-66-3	Chloroform	0.0086	U
75-34-3	1,1-Dichloroethane	0.0086	U	74-87-3	Chloromethane	0.0086	U
75-35-4	1,1-Dichloroethene	0.0086	U	156-59-2	cis-1,2-Dichloroethene	0.0086	U
96-18-4	1,2,3-Trichloropropane	0.0086	U	10061-01-5	cis-1,3-Dichloropropene	0.0086	U
95-63-6	1,2,4-Trimethylbenzene	0.0017	0.0044	124-48-1	Dibromochloromethane	0.0086	U
95-50-1	1,2-Dichlorobenzene	0.0086	U	75-71-8	Dichlorodifluoromethane	0.0086	U
107-06-2	1,2-Dichloroethane	0.0086	U	100-41-4	Ethylbenzene	0.0017	U
78-87-5	1,2-Dichloropropane	0.0086	U	98-82-8	Isopropylbenzene	0.0017	0.0026
108-67-8	1,3,5-Trimethylbenzene	0.0017	U	136777612	m&p-Xylenes	0.0017	U
541-73-1	1,3-Dichlorobenzene	0.0086	U	75-09-2	Methylene Chloride	0.0086	U
142-28-9	1,3-Dichloropropane	0.0086	U	1634-04-4	Methyl-t-butyl ether	0.0017	U
106-46-7	1,4-Dichlorobenzene	0.0086	U	104-51-8	n-Butylbenzene	0.0017	U
123-91-1	1,4-Dioxane	0.43	U	103-65-1	n-Propylbenzene	0.0017	0.0024
78-93-3	2-Butanone	0.0086	U	95-47-6	o-Xylene	0.0017	U
110-75-8	2-Chloroethylvinylether	0.0086	U	135-98-8	sec-Butylbenzene	0.0017	0.0064
591-78-6	2-Hexanone	0.0086	U	100-42-5	Styrene	0.0086	U
99-87-6	4-Isopropyltoluene	0.0017	U	75-65-0	t-Butyl Alcohol	0.043	U
108-10-1	4-Methyl-2-Pentanone	0.0086	U	98-06-6	t-Butylbenzene	0.0017	U
67-64-1	Acetone	0.043	U	127-18-4	Tetrachloroethene	0.0086	U
107-02-8	Acrolein	0.043	U	108-88-3	Toluene	0.0017	U
107-13-1	Acrylonitrile	0.0086	U	156-60-5	trans-1,2-Dichloroethene	0.0086	U
71-43-2	Benzene	0.0017	U	10061-02-6	trans-1,3-Dichloropropene	0.0086	U
75-27-4	Bromodichloromethane	0.0086	U	79-01-6	Trichloroethene	0.0086	U
75-25-2	Bromoform	0.0086	U	75-69-4	Trichlorofluoromethane	0.0086	U
74-83-9	Bromomethane	0.0086	U	75-01-4	Vinyl Chloride	0.0086	U
75-15-0	Carbon Disulfide	0.0086	0.0095	1330-20-7	Xylenes (Total)	0.0017	U

Worksheet #: 144264

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: AC50034-008	Matrix: Soil
Client Id: PI01-TP-RAR3022310S	Initial Vol: 5.28g
Data File: 1M54615.D	Final Vol: NA
Analysis Date: 02/26/10 14:34	Dilution: 0.947
Date Rec/Extracted: 02/25/10-NA	Solids: 55
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	7058-01-7	Cyclohexane, (1-methylpropyl)-	7.80	0.45 J
2	10458-14-7	Cyclohexanone, 5-methyl-2-(1-methylet	8.01	0.24 J
3	91-17-8	Naphthalene, decahydro-	8.14	0.44 J
4	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	8.32	0.46 J
5	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.40 J
6	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.31 J
7	2958-76-1	Naphthalene, decahydro-2-methyl-	8.70	0.21 J
8	17301-28-9	Undecane, 3,6-dimethyl-	8.91	0.55 J
9	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.22	0.32 J
10		unknown	9.44	0.31 J

Worksheet #: 144264

Total Tentatively Identified Concentration 3.7***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: AC50034-001(2X)

Client Id: PI01-TP-RAM2022210S01

Data File: 9M23513.D

Analysis Date: 03/02/10 14:22

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.20	U	191-24-2	Benzo[g,h,i]perylene	0.20	0.55
122-66-7	1,2-Diphenylhydrazine	0.20	U	207-08-9	Benzo[k]fluoranthene	0.20	U
95-95-4	2,4,5-Trichlorophenol	0.20	U	65-85-0	Benzoic Acid	0.98	U
88-06-2	2,4,6-Trichlorophenol	0.20	U	111-91-1	bis(2-Chloroethoxy)methan	0.20	U
120-83-2	2,4-Dichlorophenol	0.20	U	111-44-4	bis(2-Chloroethyl)ether	0.20	U
105-67-9	2,4-Dimethylphenol	0.20	U	108-60-1	bis(2-chloroisopropyl)ether	0.20	U
51-28-5	2,4-Dinitrophenol	0.98	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.20	U
121-14-2	2,4-Dinitrotoluene	0.20	U	85-68-7	Butylbenzylphthalate	0.20	U
606-20-2	2,6-Dinitrotoluene	0.20	U	86-74-8	Carbazole	0.20	U
91-58-7	2-Chloronaphthalene	0.20	U	218-01-9	Chrysene	0.20	1.0
95-57-8	2-Chlorophenol	0.20	U	53-70-3	Dibenzo[a,h]anthracene	0.20	U
91-57-6	2-Methylnaphthalene	0.20	U	132-64-9	Dibenzofuran	0.20	U
95-48-7	2-Methylphenol	0.20	U	84-66-2	Diethylphthalate	0.20	U
88-74-4	2-Nitroaniline	0.20	U	131-11-3	Dimethylphthalate	0.20	U
88-75-5	2-Nitrophenol	0.20	U	84-74-2	Di-n-butylphthalate	0.20	U
106-44-5	3&4-Methylphenol	0.20	U	117-84-0	Di-n-octylphthalate	0.20	U
91-94-1	3,3'-Dichlorobenzidine	0.20	U	206-44-0	Fluoranthene	0.20	0.72
99-09-2	3-Nitroaniline	0.20	U	86-73-7	Fluorene	0.20	U
534-52-1	4,6-Dinitro-2-methylphenol	0.98	U	118-74-1	Hexachlorobenzene	0.20	U
101-55-3	4-Bromophenyl-phenylether	0.20	U	87-68-3	Hexachlorobutadiene	0.20	U
59-50-7	4-Chloro-3-methylphenol	0.20	U	77-47-4	Hexachlorocyclopentadiene	0.98	U
106-47-8	4-Chloroaniline	0.20	U	67-72-1	Hexachloroethane	0.20	U
7005-72-3	4-Chlorophenyl-phenylether	0.20	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.20	0.31
100-01-6	4-Nitroaniline	0.20	U	78-59-1	Isophorone	0.20	U
100-02-7	4-Nitrophenol	0.20	U	91-20-3	Naphthalene	0.20	U
83-32-9	Acenaphthene	0.20	U	98-95-3	Nitrobenzene	0.20	U
208-96-8	Acenaphthylene	0.20	U	62-75-9	N-Nitrosodimethylamine	0.20	U
62-53-3	Aniline	0.20	U	621-64-7	N-Nitroso-di-n-propylamine	0.20	U
120-12-7	Anthracene	0.20	0.20	86-30-6	n-Nitrosodiphenylamine	0.20	U
92-87-5	Benzidine	0.98	U	87-86-5	Pentachlorophenol	0.98	U
56-55-3	Benzo[a]anthracene	0.20	0.75	85-01-8	Phenanthrene	0.20	0.48
50-32-8	Benzo[a]pyrene	0.20	0.58	108-95-2	Phenol	0.20	U
205-99-2	Benzo[b]fluoranthene	0.20	0.45	129-00-0	Pyrene	0.20	1.6

Worksheet #: 144328

Total Target Concentration 6.6

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-001(2X)	Matrix: Soil
Client Id: PI01-TP-RAM2022210S	Initial Vol: 30g
Data File: 9M23513.D	Final Vol: 1ml
Analysis Date: 03/02/10 14:22	Dilution: 2
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 68
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	160 JAB
2	7391-61-9	5-Ethyl-1,3-dimethylbarbituric acid	8.47	1.0 J
3	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.16	1.1 J
4	31613-04-4	3,6-Dimethyldibenzothiophene	9.83	1.3 J
5	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.08	1.6 J
6	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.19	2.5 J
7		unknown	10.22	1.3 J
8	7469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	10.30	1.2 J
9	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.34	1.2 J
10	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.44	1.3 J
11	1214-20-6	9H-Xanthen-9-one, 2-methoxy-	10.56	1.0 J
12	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	1.7 J
13	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	2.9 J
14		unknown	11.02	1.6 J
15	3442-78-2	Pyrene, 2-methyl-	11.14	1.5 J
16		unknown	11.17	1.1 J
17	3353-12-6	Pyrene, 4-methyl-	11.25	1.5 J
18	7343-06-8	Phenanthrene, 3,4,5,6-tetramethyl-	11.35	1.4 J
19	64401-21-4	Pyrene, 1,3-dimethyl-	11.74	1.3 J
20		unknown	12.17	1.1 J
21	57-97-6	Benz[a]anthracene, 7,12-dimethyl-	12.94	1.1 J
22	22100-66-9	4,4'-DINITRODIPHENYLSULPHIDE	13.04	1.0 J
23		unknown	14.20	1.6 J
24	36728-72-0	28-NOR-17BETA(H)-HOPANE	14.50	1.2 J
25		unknown	15.17	2.6 J

Worksheet #: 144328

Total Tentatively Identified Concentration 200*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: AC50034-002

Client Id: PI01-TP-RAO1022210S01

Data File: 9M23514.D

Analysis Date: 03/02/10 14:45

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 76

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.088	U	191-24-2	Benzo[g,h,i]perylene	0.088	0.17
122-66-7	1,2-Diphenylhydrazine	0.088	U	207-08-9	Benzo[k]fluoranthene	0.088	0.13
95-95-4	2,4,5-Trichlorophenol	0.088	U	65-85-0	Benzoic Acid	0.44	U
88-06-2	2,4,6-Trichlorophenol	0.088	U	111-91-1	bis(2-Chloroethoxy)methan	0.088	U
120-83-2	2,4-Dichlorophenol	0.088	U	111-44-4	bis(2-Chloroethyl)ether	0.088	U
105-67-9	2,4-Dimethylphenol	0.088	U	108-60-1	bis(2-chloroisopropyl)ether	0.088	U
51-28-5	2,4-Dinitrophenol	0.44	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.088	U
121-14-2	2,4-Dinitrotoluene	0.088	U	85-68-7	Butylbenzylphthalate	0.088	U
606-20-2	2,6-Dinitrotoluene	0.088	U	86-74-8	Carbazole	0.088	U
91-58-7	2-Chloronaphthalene	0.088	U	218-01-9	Chrysene	0.088	0.20
95-57-8	2-Chlorophenol	0.088	U	53-70-3	Dibenzo[a,h]anthracene	0.088	U
91-57-6	2-Methylnaphthalene	0.088	U	132-64-9	Dibenzofuran	0.088	U
95-48-7	2-Methylphenol	0.088	U	84-66-2	Diethylphthalate	0.088	U
88-74-4	2-Nitroaniline	0.088	U	131-11-3	Dimethylphthalate	0.088	U
88-75-5	2-Nitrophenol	0.088	U	84-74-2	Di-n-butylphthalate	0.088	U
106-44-5	3&4-Methylphenol	0.088	U	117-84-0	Di-n-octylphthalate	0.088	U
91-94-1	3,3'-Dichlorobenzidine	0.088	U	206-44-0	Fluoranthene	0.088	0.29
99-09-2	3-Nitroaniline	0.088	U	86-73-7	Fluorene	0.088	U
534-52-1	4,6-Dinitro-2-methylphenol	0.44	U	118-74-1	Hexachlorobenzene	0.088	U
101-55-3	4-Bromophenyl-phenylether	0.088	U	87-68-3	Hexachlorobutadiene	0.088	U
59-50-7	4-Chloro-3-methylphenol	0.088	U	77-47-4	Hexachlorocyclopentadiene	0.44	U
106-47-8	4-Chloroaniline	0.088	U	67-72-1	Hexachloroethane	0.088	U
7005-72-3	4-Chlorophenyl-phenylether	0.088	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.088	0.12
100-01-6	4-Nitroaniline	0.088	U	78-59-1	Isophorone	0.088	U
100-02-7	4-Nitrophenol	0.088	U	91-20-3	Naphthalene	0.088	U
83-32-9	Acenaphthene	0.088	U	98-95-3	Nitrobenzene	0.088	U
208-96-8	Acenaphthylene	0.088	U	62-75-9	N-Nitrosodimethylamine	0.088	U
62-53-3	Aniline	0.088	U	621-64-7	N-Nitroso-di-n-propylamine	0.088	U
120-12-7	Anthracene	0.088	U	86-30-6	n-Nitrosodiphenylamine	0.088	U
92-87-5	Benzidine	0.44	U	87-86-5	Pentachlorophenol	0.44	U
56-55-3	Benzo[a]anthracene	0.088	0.17	85-01-8	Phenanthrene	0.088	0.18
50-32-8	Benzo[a]pyrene	0.088	0.20	108-95-2	Phenol	0.088	U
205-99-2	Benzo[b]fluoranthene	0.088	0.27	129-00-0	Pyrene	0.088	0.33

Worksheet #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-002	Matrix: Soil
Client Id: PI01-TP-RAO1022210S	Initial Vol: 30g
Data File: 9M23514.D	Final Vol: 1ml
Analysis Date: 03/02/10 14:45	Dilution: 1
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 76
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.91	0.49 JAB
2		unknown	3.29	0.40 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.70	140 JAB
4	111-76-2	Ethanol, 2-butoxy-	4.33	0.22 J
5		unknown	4.44	0.24 JB
6	5131-66-8	2-Propanol, 1-butoxy-	4.67	0.27 J
7		unknown	6.26	0.23 JB
8	57-10-3	Hexadecanoic acid	9.66	0.29 J
9		unknown	11.17	0.21 J
10		unknown	11.97	0.44 J
11		unknown	15.16	2.1 J
12	30021-46-6	.epsilon.-Muurolene	15.33	0.87 J

Worksheet #: 144328

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.*

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-003

Client Id: PI01-TP-RAO2022210S01

Data File: 5M55842.D

Analysis Date: 03/02/10 11:51

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.081	U	191-24-2	Benzo[g,h,i]perylene	0.081	U
122-66-7	1,2-Diphenylhydrazine	0.081	U	207-08-9	Benzo[k]fluoranthene	0.081	U
95-95-4	2,4,5-Trichlorophenol	0.081	U	65-85-0	Benzoic Acid	0.41	U
88-06-2	2,4,6-Trichlorophenol	0.081	U	111-91-1	bis(2-Chloroethoxy)methan	0.081	U
120-83-2	2,4-Dichlorophenol	0.081	U	111-44-4	bis(2-Chloroethyl)ether	0.081	U
105-67-9	2,4-Dimethylphenol	0.081	U	108-60-1	bis(2-chloroisopropyl)ether	0.081	U
51-28-5	2,4-Dinitrophenol	0.41	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.081	U
121-14-2	2,4-Dinitrotoluene	0.081	U	85-68-7	Butylbenzylphthalate	0.081	U
606-20-2	2,6-Dinitrotoluene	0.081	U	86-74-8	Carbazole	0.081	U
91-58-7	2-Chloronaphthalene	0.081	U	218-01-9	Chrysene	0.081	U
95-57-8	2-Chlorophenol	0.081	U	53-70-3	Dibenzo[a,h]anthracene	0.081	U
91-57-6	2-Methylnaphthalene	0.081	U	132-64-9	Dibenzofuran	0.081	U
95-48-7	2-Methylphenol	0.081	U	84-66-2	Diethylphthalate	0.081	U
88-74-4	2-Nitroaniline	0.081	U	131-11-3	Dimethylphthalate	0.081	U
88-75-5	2-Nitrophenol	0.081	U	84-74-2	Di-n-butylphthalate	0.081	U
106-44-5	3&4-Methylphenol	0.081	U	117-84-0	Di-n-octylphthalate	0.081	U
91-94-1	3,3'-Dichlorobenzidine	0.081	U	206-44-0	Fluoranthene	0.081	U
99-09-2	3-Nitroaniline	0.081	U	86-73-7	Fluorene	0.081	U
534-52-1	4,6-Dinitro-2-methylphenol	0.41	U	118-74-1	Hexachlorobenzene	0.081	U
101-55-3	4-Bromophenyl-phenylether	0.081	U	87-68-3	Hexachlorobutadiene	0.081	U
59-50-7	4-Chloro-3-methylphenol	0.081	U	77-47-4	Hexachlorocyclopentadiene	0.41	U
106-47-8	4-Chloroaniline	0.081	U	67-72-1	Hexachloroethane	0.081	U
7005-72-3	4-Chlorophenyl-phenylether	0.081	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.081	U
100-01-6	4-Nitroaniline	0.081	U	78-59-1	Isophorone	0.081	U
100-02-7	4-Nitrophenol	0.081	U	91-20-3	Naphthalene	0.081	U
83-32-9	Acenaphthene	0.081	U	98-95-3	Nitrobenzene	0.081	U
208-96-8	Acenaphthylene	0.081	U	62-75-9	N-Nitrosodimethylamine	0.081	U
62-53-3	Aniline	0.081	U	621-64-7	N-Nitroso-di-n-propylamine	0.081	U
120-12-7	Anthracene	0.081	U	86-30-6	n-Nitrosodiphenylamine	0.081	U
92-87-5	Benzidine	0.41	U	87-86-5	Pentachlorophenol	0.41	U
56-55-3	Benzo[a]anthracene	0.081	U	85-01-8	Phenanthrene	0.081	U
50-32-8	Benzo[a]pyrene	0.081	U	108-95-2	Phenol	0.081	U
205-99-2	Benzo[b]fluoranthene	0.081	U	129-00-0	Pyrene	0.081	U

Worksheet #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-003

Client Id: PI01-TP-RAO2022210S

Data File: 5M55842.D

Analysis Date: 03/02/10 11:51

Date Rec/Extracted: 02/25/10-03/01/10

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 82

Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	3.73	0.64 JAB
2		unknown	4.00	1.0 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.34	81 JAB
4	111-76-2	Ethanol, 2-butoxy-	4.89	0.32 J
5		unknown	5.00	0.32 JB
6	5131-66-8	2-Propanol, 1-butoxy-	5.21	0.32 JB
7	108-67-8	Benzene, 1,3,5-trimethyl-	5.65	0.22 JB
8		unknown	6.77	0.26 JB
9		unknown	8.53	0.21 J
10	74764-11-7	Iron, tricarbonyl[N-(phenyl-2-pyridinylm	11.85	0.21 J
11	630-02-4	Octacosane	12.27	0.32 J
12	629-99-2	Pentacosane	12.67	0.38 J
13	74764-11-7	Iron, tricarbonyl[N-(phenyl-2-pyridinylm	13.06	0.36 J
14	7098-22-8	Tetratetracontane	13.44	0.37 J
15	593-49-7	Heptacosane	13.79	0.20 J
16	630-02-4	Octacosane	14.15	0.22 J

Worksheet #: 144328

Total Tentatively Identified Concentration 86*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: AC50034-004(2X)

Client Id: PI01-TP-RAQ1022210S01

Data File: 9M23511.D

Analysis Date: 03/02/10 13:37

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.43
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	0.22
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.81	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.50
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	0.17	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3&4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.80
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.81	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.81	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	0.28
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	U
83-32-9	Acenaphthene	0.16	U	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.19	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benzidine	0.81	U	87-86-5	Pentachlorophenol	0.81	U
56-55-3	Benzo[a]anthracene	0.16	0.43	85-01-8	Phenanthrene	0.16	0.61
50-32-8	Benzo[a]pyrene	0.16	0.43	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.51	129-00-0	Pyrene	0.16	1.1

Worksheet #: 144328

Total Target Concentration 5.7

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-004(2X)	Matrix: Soil
Client Id: PI01-TP-RAQ1022210S	Initial Vol: 30g
Data File: 9M23511.D	Final Vol: 1ml
Analysis Date: 03/02/10 13:37	Dilution: 2
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 82
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.90	0.46 JAB
2		unknown	3.27	0.76 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	140 JAB
4	5989-27-5	Cyclohexene, 1-methyl-4-(1-methylethe	4.62	0.83 J
5	90-60-8	Benzaldehyde, 3,5-dichloro-2-hydroxy-	9.69	0.39 J
6		unknown	9.83	0.56 J
7		unknown	10.07	0.59 J
8		unknown	10.18	0.41 J
9	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.44	11 J
10	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.71	0.50 J
11		unknown	10.79	0.38 J
12	7396-38-5	Phenanthrene, 2,4,5,7-tetramethyl-	10.97	1.3 J
13	2381-21-7	Pyrene, 1-methyl-	11.13	0.87 J
14	3353-12-6	Pyrene, 4-methyl-	11.24	0.56 J
15		unknown	11.28	1.1 J
16		unknown	11.33	0.54 J
17	64401-21-4	Pyrene, 1,3-dimethyl-	11.87	0.40 J
18		unknown	12.17	0.52 J
19		unknown	14.06	0.47 J
20		unknown	14.19	0.60 J
21	74630-28-7	Phosphinous chloride, cyclohexyl(1,7,7-t	14.36	0.48 J
22		unknown	14.49	0.42 J
23		unknown	14.89	0.45 J
24		unknown	15.15	0.67 J
25		unknown	16.41	0.70 J

Worksheet #: 144328

Total Tentatively Identified Concentration 160*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: AC50034-005(2X)

Client Id: PI01-TP-RAQ2022210S01

Data File: 9M23512.D

Analysis Date: 03/02/10 13:59

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.59
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	U
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.82	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.82	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.60
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	U	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3&4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.58
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.82	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.82	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	0.29
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	U
83-32-9	Acenaphthene	0.16	U	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.18	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benzidine	0.82	U	87-86-5	Pentachlorophenol	0.82	U
56-55-3	Benzo[a]anthracene	0.16	0.44	85-01-8	Phenanthrene	0.16	0.36
50-32-8	Benzo[a]pyrene	0.16	0.52	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.60	129-00-0	Pyrene	0.16	1.3

Worksheet #: 144328

Total Target Concentration 5.5

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005(2X)	Matrix: Soil
Client Id: PI01-TP-RAQ2022210S	Initial Vol: 30g
Data File: 9M23512.D	Final Vol: 1ml
Analysis Date: 03/02/10 13:59	Dilution: 2
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 81
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.91	0.49 JAB
2		unknown	3.27	0.68 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	140 JAB
4	2027-17-0	Naphthalene, 2-(1-methylethyl)-	7.73	0.49 J
5	3041-81-4	Benzene, 1-fluoro-3-(2-phenylethenyl)-,	9.38	0.52 J
6		unknown	9.69	0.54 J
7	31613-04-4	3,6-Dimethyldibenzothiophene	9.83	0.56 J
8		unknown	10.08	0.62 J
9	38647-26-6	(+)-3,3,7-Trimethyltricyclo[5.4.0.0(2,9	10.20	1.0 J
10		unknown	10.22	0.58 J
11	781-43-1	Anthracene, 9,10-dimethyl-	10.29	0.55 J
12	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.43	1.2 J
13	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	0.70 J
14	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	1.2 J
15		unknown	10.97	0.55 J
16	2381-21-7	Pyrene, 1-methyl-	11.14	0.81 J
17	2381-21-7	Pyrene, 1-methyl-	11.24	1.0 J
18	2381-21-7	Pyrene, 1-methyl-	11.28	0.97 J
19	2091-92-1	5,6-DIHYDROCHRYSENE	11.74	0.51 J
20	2091-92-1	5,6-DIHYDROCHRYSENE	11.87	0.50 J
21	74199-63-6	2,2'-DIAMINO-5,5'-DIMETHOXYBIPHE	12.17	0.65 J
22		unknown	12.56	0.58 J
23		unknown	13.95	0.62 J
24		unknown	14.19	1.1 J
25	879-52-7	2-Thiazolemethanol, .alpha.-phenyl-	14.50	1.1 J

Worksheet #: 144328

Total Tentatively Identified Concentration 160*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: AC50034-006(2X)

Client Id: PI01-TP-RAR1022310S01

Data File: 9M23517.D

Analysis Date: 03/02/10 16:19

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.25
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	U
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.81	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.36
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	0.59	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3&4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.30
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	0.21
534-52-1	4,6-Dinitro-2-methylphenol	0.81	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.81	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	U
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	0.26
83-32-9	Acenaphthene	0.16	0.21	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.19	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benzidine	0.81	U	87-86-5	Pentachlorophenol	0.81	U
56-55-3	Benzo[a]anthracene	0.16	0.27	85-01-8	Phenanthrene	0.16	0.78
50-32-8	Benzo[a]pyrene	0.16	0.19	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.23	129-00-0	Pyrene	0.16	0.89

Worksheet #: 144328

Total Target Concentration 4.7

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-006(2X)
 Client Id: PI01-TP-RAR1022310S
 Data File: 9M23517.D
 Analysis Date: 03/02/10 16:19
 Date Rec/Extracted: 02/25/10-03/02/10

Matrix: Soil
 Initial Vol: 30g
 Final Vol: 1ml
 Dilution: 2
 Solids: 82
 Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.27	0.95 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.69	170 JAB
3	90-12-0	Naphthalene, 1-methyl-	6.89	0.71 J
4	575-41-7	Naphthalene, 1,3-dimethyl-	7.30	1.1 J
5	571-58-4	Naphthalene, 1,4-dimethyl-	7.36	0.98 J
6	581-42-0	Naphthalene, 2,6-dimethyl-	7.38	0.75 J
7	2131-41-1	Naphthalene, 1,4,5-trimethyl-	7.73	0.84 J
8	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.81	0.72 J
9	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.16	0.66 J
10	2531-84-2	Phenanthrene, 2-methyl-	9.58	0.99 J
11	613-12-7	Anthracene, 2-methyl-	9.60	0.89 J
12	779-02-2	Anthracene, 9-methyl-	9.69	0.96 J
13	89816-75-1	2,6-Dimethyldibenzothiophene	9.83	1.2 J
14	24035-50-5	1-Phenanthrenecarboxaldehyde, 1,2,3,4	10.08	1.8 J
15	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.11	0.66 J
16	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.19	1.6 J
17	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.29	0.70 J
18	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.43	2.3 J
19	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	0.73 J
20	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	1.1 J
21	16914-12-8	(E,E)-2,5-Diphenyl-2,4-hexadiene	10.97	2.4 J
22		unknown	11.02	0.86 J
23		unknown	11.34	0.77 J
24		unknown	14.02	0.66 J
25		unknown	15.16	2.1 J

Worksheet #: 144328

Total Tentatively Identified Concentration 200*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: AC50034-007(10X)

Client Id: PI01-TP-RAR2022310S01

Data File: 9M23547.D

Analysis Date: 03/03/10 18:11

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 10

Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.87	U	191-24-2	Benzo[g,h,i]perylene	0.87	U
122-66-7	1,2-Diphenylhydrazine	0.87	U	207-08-9	Benzo[k]fluoranthene	0.87	U
95-95-4	2,4,5-Trichlorophenol	0.87	U	65-85-0	Benzoic Acid	4.3	U
88-06-2	2,4,6-Trichlorophenol	0.87	U	111-91-1	bis(2-Chloroethoxy)methan	0.87	U
120-83-2	2,4-Dichlorophenol	0.87	U	111-44-4	bis(2-Chloroethyl)ether	0.87	U
105-67-9	2,4-Dimethylphenol	0.87	U	108-60-1	bis(2-chloroisopropyl)ether	0.87	U
51-28-5	2,4-Dinitrophenol	4.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.87	U
121-14-2	2,4-Dinitrotoluene	0.87	U	85-68-7	Butylbenzylphthalate	0.87	U
606-20-2	2,6-Dinitrotoluene	0.87	U	86-74-8	Carbazole	0.87	U
91-58-7	2-Chloronaphthalene	0.87	U	218-01-9	Chrysene	0.87	U
95-57-8	2-Chlorophenol	0.87	U	53-70-3	Dibenzo[a,h]anthracene	0.87	U
91-57-6	2-Methylnaphthalene	0.87	5.3	132-64-9	Dibenzofuran	0.87	U
95-48-7	2-Methylphenol	0.87	U	84-66-2	Diethylphthalate	0.87	U
88-74-4	2-Nitroaniline	0.87	U	131-11-3	Dimethylphthalate	0.87	U
88-75-5	2-Nitrophenol	0.87	U	84-74-2	Di-n-butylphthalate	0.87	U
106-44-5	3&4-Methylphenol	0.87	U	117-84-0	Di-n-octylphthalate	0.87	U
91-94-1	3,3'-Dichlorobenzidine	0.87	U	206-44-0	Fluoranthene	0.87	U
99-09-2	3-Nitroaniline	0.87	U	86-73-7	Fluorene	0.87	U
534-52-1	4,6-Dinitro-2-methylphenol	4.3	U	118-74-1	Hexachlorobenzene	0.87	U
101-55-3	4-Bromophenyl-phenylether	0.87	U	87-68-3	Hexachlorobutadiene	0.87	U
59-50-7	4-Chloro-3-methylphenol	0.87	U	77-47-4	Hexachlorocyclopentadiene	4.3	U
106-47-8	4-Chloroaniline	0.87	U	67-72-1	Hexachloroethane	0.87	U
7005-72-3	4-Chlorophenyl-phenylether	0.87	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.87	U
100-01-6	4-Nitroaniline	0.87	U	78-59-1	Isophorone	0.87	U
100-02-7	4-Nitrophenol	0.87	U	91-20-3	Naphthalene	0.87	U
83-32-9	Acenaphthene	0.87	U	98-95-3	Nitrobenzene	0.87	U
208-96-8	Acenaphthylene	0.87	U	62-75-9	N-Nitrosodimethylamine	0.87	U
62-53-3	Aniline	0.87	U	621-64-7	N-Nitroso-di-n-propylamine	0.87	U
120-12-7	Anthracene	0.87	U	86-30-6	n-Nitrosodiphenylamine	0.87	U
92-87-5	Benidine	4.3	U	87-86-5	Pentachlorophenol	4.3	U
56-55-3	Benzo[a]anthracene	0.87	U	85-01-8	Phenanthrene	0.87	1.0
50-32-8	Benzo[a]pyrene	0.87	U	108-95-2	Phenol	0.87	U
205-99-2	Benzo[b]fluoranthene	0.87	U	129-00-0	Pyrene	0.87	U

Worksheet #: 144341

Total Target Concentration 6.3

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-007(10X)	Matrix: Soil
Client Id: PI01-TP-RAR2022310S	Initial Vol: 30g
Data File: 9M23547.D	Final Vol: 1ml
Analysis Date: 03/03/10 18:11	Dilution: 10
Date Rec/Extracted: 02/25/10-03/02/10	Solids: 77
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc	
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.60	150 JA ^B	14.3.4.10
2	264-09-5	BENZOCYCLOHEPTATRIENE	6.89	6.4 J	
3	581-40-8	Naphthalene, 2,3-dimethyl-	7.35	3.3 J	
4	35281-31-3	Benz[a]anthracene, 7,12-dihydro-7,12-di	9.61	3.7 J	
5		unknown	9.66	11 J	
6		unknown	9.69	2.7 J	
7		unknown	9.75	510 J	
8	1686-56-2	Sandaracopimaradiene	9.81	7.7 J	
9		unknown	9.89	890 J	
10	6790-27-8	3-Dodecyne	10.02	740 J	
11	87233-16-7	(Z)-4-Ethyl-1,3-dimethyl-5-(3,4-dimethyl	10.05	14 J	
12		unknown	10.09	88 J	
13		unknown	10.16	3.1 J	
14		unknown	10.22	2.9 J	
15	19407-28-4	Phenanthrene, 1,2,3,4,4a,9,10,10a-octa	10.25	3.6 J	
16	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.44	84 J	
17	88048-73-1	4,8-Dihydrodithieno[2,3-b:3'2'-e]thiepin	10.50	3.6 J	
18		unknown	10.58	8.1 J	
19		unknown	10.64	4.1 J	
20	69576-83-6	7H-Cyclohepta[b]naphthalen-7-one, 8,9-	10.73	11 J	
21	69576-83-6	7H-Cyclohepta[b]naphthalen-7-one, 8,9-	10.82	5.0 J	
22	7396-38-5	Phenanthrene, 2,4,5,7-tetramethyl-	11.05	1400 J	
23		unknown	11.10	130 J	
24	568-40-1	Lycorenan-7-one, 1-methyl-9,10-[methyl	11.33	11 J	
25		unknown	14.07	3.7 J	

Worksheet #: 144341

Total Tentatively Identified Concentration 4100*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: AC50034-008(2X)

Client Id: PI01-TP-RAR3022310S01

Data File: 9M23521.D

Analysis Date: 03/02/10 17:50

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.24	U	191-24-2	Benzo[g,h,i]perylene	0.24	U
122-66-7	1,2-Diphenylhydrazine	0.24	U	207-08-9	Benzo[k]fluoranthene	0.24	U
95-95-4	2,4,5-Trichlorophenol	0.24	U	65-85-0	Benzoic Acid	1.2	U
88-06-2	2,4,6-Trichlorophenol	0.24	U	111-91-1	bis(2-Chloroethoxy)methan	0.24	U
120-83-2	2,4-Dichlorophenol	0.24	U	111-44-4	bis(2-Chloroethyl)ether	0.24	U
105-67-9	2,4-Dimethylphenol	0.24	U	108-60-1	bis(2-chloroisopropyl)ether	0.24	U
51-28-5	2,4-Dinitrophenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.24	U
121-14-2	2,4-Dinitrotoluene	0.24	U	85-68-7	Butylbenzylphthalate	0.24	U
606-20-2	2,6-Dinitrotoluene	0.24	U	86-74-8	Carbazole	0.24	U
91-58-7	2-Chloronaphthalene	0.24	U	218-01-9	Chrysene	0.24	0.53
95-57-8	2-Chlorophenol	0.24	U	53-70-3	Dibenzo[a,h]anthracene	0.24	U
91-57-6	2-Methylnaphthalene	0.24	U	132-64-9	Dibenzofuran	0.24	U
95-48-7	2-Methylphenol	0.24	U	84-66-2	Diethylphthalate	0.24	U
88-74-4	2-Nitroaniline	0.24	U	131-11-3	Dimethylphthalate	0.24	U
88-75-5	2-Nitrophenol	0.24	U	84-74-2	Di-n-butylphthalate	0.24	U
106-44-5	3&4-Methylphenol	0.24	U	117-84-0	Di-n-octylphthalate	0.24	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	206-44-0	Fluoranthene	0.24	0.31
99-09-2	3-Nitroaniline	0.24	U	86-73-7	Fluorene	0.24	0.38
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	118-74-1	Hexachlorobenzene	0.24	U
101-55-3	4-Bromophenyl-phenylether	0.24	U	87-68-3	Hexachlorobutadiene	0.24	U
59-50-7	4-Chloro-3-methylphenol	0.24	U	77-47-4	Hexachlorocyclopentadiene	1.2	U
106-47-8	4-Chloroaniline	0.24	U	67-72-1	Hexachloroethane	0.24	U
7005-72-3	4-Chlorophenyl-phenylether	0.24	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.24	U
100-01-6	4-Nitroaniline	0.24	U	78-59-1	Isophorone	0.24	U
100-02-7	4-Nitrophenol	0.24	U	91-20-3	Naphthalene	0.24	0.44
83-32-9	Acenaphthene	0.24	0.31	98-95-3	Nitrobenzene	0.24	U
208-96-8	Acenaphthylene	0.24	U	62-75-9	N-Nitrosodimethylamine	0.24	U
62-53-3	Aniline	0.24	U	621-64-7	N-Nitroso-di-n-propylamine	0.24	U
120-12-7	Anthracene	0.24	0.33	86-30-6	n-Nitrosodiphenylamine	0.24	U
92-87-5	Benzidine	1.2	U	87-86-5	Pentachlorophenol	1.2	U
56-55-3	Benzo[a]anthracene	0.24	0.34	85-01-8	Phenanthrene	0.24	0.67
50-32-8	Benzo[a]pyrene	0.24	0.31	108-95-2	Phenol	0.24	U
205-99-2	Benzo[b]fluoranthene	0.24	U	129-00-0	Pyrene	0.24	1.2

Worksheet #: 144328

Total Target Concentration 4.8

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-008(2X)	Matrix: Soil
Client Id: PI01-TP-RAR3022310S	Initial Vol: 30g
Data File: 9M23521.D	Final Vol: 1ml
Analysis Date: 03/02/10 17:50	Dilution: 2
Date Rec/Extracted: 02/25/10-03/02/10	Solids: 55
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.27	1.3 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	230 JAB
3	90-12-0	Naphthalene, 1-methyl-	6.89	1.4 J
4	582-16-1	Naphthalene, 2,7-dimethyl-	7.30	1.5 J
5	575-41-7	Naphthalene, 1,3-dimethyl-	7.36	1.7 J
6	2027-17-0	Naphthalene, 2-(1-methylethyl)-	7.73	1.6 J
7	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.81	1.3 J
8	16587-52-3	Dibenzothiophene, 3-methyl-	9.39	1.3 J
9	613-12-7	Anthracene, 2-methyl-	9.58	1.2 J
10	610-48-0	Anthracene, 1-methyl-	9.69	1.2 J
11	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.08	1.8 J
12	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.12	1.2 J
13	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.20	2.0 J
14	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.30	1.2 J
15		unknown	10.44	1.2 J
16	6702-58-5	9H-Xanthen-9-one, 4-methoxy-	10.56	1.2 J
17	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	1.5 J
18	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	3.1 J
19	2381-21-7	Pyrene, 1-methyl-	11.02	1.7 J
20	3353-12-6	Pyrene, 4-methyl-	11.14	1.4 J
21		unknown	11.17	1.3 J
22	2381-21-7	Pyrene, 1-methyl-	11.25	1.2 J
23	54986-63-9	Benzo[c]phenanthrene, 5,8-dimethyl-	12.94	1.6 J
24		unknown	14.03	1.2 J
25		unknown	15.17	1.7 J

Worksheet #: 144328

Total Tentatively Identified Concentration 270*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

Project #: 0022515

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC50034-001	PI01-TP-RAM202	Soil	1	68	Percent			02/26/10	02/25/10	02/22/10
AC50034-002	PI01-TP-RAO1022	Soil	1	76	Percent			02/26/10	02/25/10	02/22/10
AC50034-003	PI01-TP-RAO2022	Soil	1	82	Percent			02/26/10	02/25/10	02/22/10
AC50034-004	PI01-TP-RAQ1022	Soil	1	82	Percent			02/26/10	02/25/10	02/22/10
AC50034-005	PI01-TP-RAQ2022	Soil	1	81	Percent			02/26/10	02/25/10	02/22/10
AC50034-006	PI01-TP-RAR1022	Soil	1	82	Percent			02/26/10	02/25/10	02/23/10
AC50034-007	PI01-TP-RAR2022	Soil	1	77	Percent			02/26/10	02/25/10	02/23/10
AC50034-008	PI01-TP-RAR3022	Soil	1	55	Percent			02/26/10	02/25/10	02/23/10

Chain of Custody Forms

CONDITION UPON RECEIPT

Batch Number AC50034

Entered By: children

Date Entered 2/25/2010 2:56:00 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) 3.9
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	Lab#:	DateTime:	Loc or User	Bot Nu	A/ M	Analysis
AC50034-001	02/25/10 12:40	CHILD	0	M	Received	AC50034-006	02/26/10 08:39	R21	2	A	NONE
AC50034-001	02/25/10 14:56	CHILD	0	M	Login	AC50034-006	02/26/10 11:28	SG	2	A	VOA
AC50034-001	02/25/10 15:36	R12	1	A	NONE	AC50034-006	02/26/10 12:04	R21	2	A	NONE
AC50034-001	02/25/10 17:13	R12	1	A	NONE	AC50034-007	02/25/10 12:40	CHILD	0	M	Received
AC50034-001	02/26/10 11:37	ALEXK	1	A	Mixing	AC50034-007	02/25/10 14:56	CHILD	0	M	Login
AC50034-001	02/26/10 12:37	ALEXK	1	A	%SOLIDS	AC50034-007	02/25/10 15:36	R12	1	A	NONE
AC50034-001	02/26/10 13:52	R12	1	A	NONE	AC50034-007	02/25/10 17:13	R12	1	A	NONE
AC50034-001	03/01/10 16:22	KALPE	1	A	S-BNA	AC50034-007	02/26/10 11:37	ALEXK	1	A	Mixing
AC50034-001	03/01/10 22:15	R12	1	A	NONE	AC50034-007	02/26/10 12:37	ALEXK	1	A	%SOLIDS
AC50034-001	02/26/10 08:39	R21	2	A	NONE	AC50034-007	02/26/10 13:52	R12	1	A	NONE
AC50034-001	02/26/10 11:28	SG	2	A	VOA	AC50034-007	03/02/10 08:31	VR	1	A	BN
AC50034-001	02/26/10 12:04	R21	2	A	NONE	AC50034-007	03/02/10 11:43	VR	1	A	R12
AC50034-001	03/01/10 11:09	WP	2	A	VOA	AC50034-007	02/26/10 08:39	R21	2	A	NONE
AC50034-001	03/01/10 11:17	R21	2	A	NONE	AC50034-007	02/26/10 11:28	SG	2	A	VOA
AC50034-002	02/25/10 12:40	CHILD	0	M	Received	AC50034-007	02/26/10 12:04	R21	2	A	NONE
AC50034-002	02/25/10 14:56	CHILD	0	M	Login	AC50034-008	02/25/10 12:40	CHILD	0	M	Received
AC50034-002	02/25/10 15:36	R12	1	A	NONE	AC50034-008	02/25/10 14:56	CHILD	0	M	Login
AC50034-002	02/25/10 17:13	R12	1	A	NONE	AC50034-008	02/25/10 15:36	R12	1	A	NONE
AC50034-002	02/26/10 11:37	ALEXK	1	A	Mixing	AC50034-008	02/25/10 17:13	R12	1	A	NONE
AC50034-002	02/26/10 12:37	ALEXK	1	A	%SOLIDS	AC50034-008	02/26/10 11:37	ALEXK	1	A	Mixing
AC50034-002	02/26/10 13:52	R12	1	A	NONE	AC50034-008	02/26/10 12:37	ALEXK	1	A	%SOLIDS
AC50034-002	03/01/10 16:22	KALPE	1	A	S-BNA	AC50034-008	02/26/10 13:52	R12	1	A	NONE
AC50034-002	03/01/10 22:15	R12	1	A	NONE	AC50034-008	03/02/10 08:31	VR	1	A	BN
AC50034-002	02/26/10 08:39	R21	2	A	NONE	AC50034-008	03/02/10 11:43	VR	1	A	R12
AC50034-002	02/26/10 11:28	SG	2	A	VOA	AC50034-008	02/26/10 08:39	R21	2	A	NONE
AC50034-002	02/26/10 12:04	R21	2	A	NONE	AC50034-008	02/26/10 11:28	SG	2	A	VOA
AC50034-002	03/01/10 11:09	WP	2	A	VOA	AC50034-008	02/26/10 12:04	R21	2	A	NONE
AC50034-002	03/01/10 11:17	R21	2	A	NONE						
AC50034-002	02/25/10 12:40	CHILD	0	M	Received						
AC50034-003	02/25/10 14:56	CHILD	0	M	Login						
AC50034-003	02/25/10 15:36	R12	1	A	NONE						
AC50034-003	02/25/10 17:13	R12	1	A	NONE						
AC50034-003	02/26/10 11:37	ALEXK	1	A	Mixing						
AC50034-003	02/26/10 12:37	ALEXK	1	A	%SOLIDS						
AC50034-003	02/26/10 13:52	R12	1	A	NONE						
AC50034-003	03/01/10 16:22	KALPE	1	A	S-BNA						
AC50034-003	03/01/10 22:15	R12	1	A	NONE						
AC50034-003	02/26/10 08:39	R21	2	A	NONE						
AC50034-003	02/26/10 11:28	SG	2	A	VOA						
AC50034-003	02/26/10 12:04	R21	2	A	NONE						
AC50034-003	03/01/10 11:09	WP	2	A	VOA						
AC50034-003	03/01/10 11:17	R21	2	A	NONE						
AC50034-004	02/25/10 12:40	CHILD	0	M	Received						
AC50034-004	02/25/10 14:56	CHILD	0	M	Login						
AC50034-004	02/25/10 15:36	R12	1	A	NONE						
AC50034-004	02/25/10 17:13	R12	1	A	NONE						
AC50034-004	02/26/10 11:37	ALEXK	1	A	Mixing						
AC50034-004	02/26/10 12:37	ALEXK	1	A	%SOLIDS						
AC50034-004	02/26/10 13:52	R12	1	A	NONE						
AC50034-004	03/01/10 16:22	KALPE	1	A	S-BNA						
AC50034-004	03/01/10 22:15	R12	1	A	NONE						
AC50034-004	02/26/10 08:39	R21	2	A	NONE						
AC50034-004	02/26/10 11:28	SG	2	A	VOA						
AC50034-004	02/26/10 12:04	R21	2	A	NONE						
AC50034-005	02/25/10 12:40	CHILD	0	M	Received						
AC50034-005	02/25/10 14:56	CHILD	0	M	Login						
AC50034-005	02/25/10 15:36	R12	1	A	NONE						
AC50034-005	02/25/10 17:13	R12	1	A	NONE						
AC50034-005	02/26/10 11:37	ALEXK	1	A	Mixing						
AC50034-005	02/26/10 12:37	ALEXK	1	A	%SOLIDS						
AC50034-005	02/26/10 13:52	R12	1	A	NONE						
AC50034-005	03/01/10 16:22	KALPE	1	A	S-BNA						
AC50034-005	03/01/10 22:15	R12	1	A	NONE						
AC50034-005	02/26/10 08:39	R21	2	A	NONE						
AC50034-005	02/26/10 11:28	SG	2	A	VOA						
AC50034-005	02/26/10 12:04	R21	2	A	NONE						
AC50034-006	02/25/10 12:40	CHILD	0	M	Received						
AC50034-006	02/25/10 14:56	CHILD	0	M	Login						
AC50034-006	02/25/10 15:36	R12	1	A	NONE						
AC50034-006	02/25/10 17:13	R12	1	A	NONE						
AC50034-006	02/26/10 11:37	ALEXK	1	A	Mixing						
AC50034-006	02/26/10 12:37	ALEXK	1	A	%SOLIDS						
AC50034-006	02/26/10 13:52	R12	1	A	NONE						
AC50034-006	03/02/10 08:31	VR	1	A	BN						
AC50034-006	03/02/10 11:43	VR	1	A	R12						

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	Column1	Column1	Column1	Column0	Column0
						S1 Recov	S2 Recov	S3 Recov	S4 Recov	S5 Recov	S6 Recov
1M54509.D	DAILY BLANK	Soil	02/25/10 07:53	1		111	103	95	96		
1M54539.D	DAILY BLANK	Soil	02/25/10 16:03	1		106	106	91	94		
1M54588.D	DAILY BLANK	Soil	02/26/10 06:53	1		117	114	91	94		
1M54648.D	DAILY BLANK	Soil	03/01/10 10:49	1		104	100	95	94		
3M71976.D	DAILY BLANK	Soil	02/26/10 15:50	1		102	101	96	97		
1M54652.D	AC50034-001	Soil	03/01/10 11:56	1		108	112	105	108		
1M54651.D	AC50034-002	Soil	03/01/10 11:40	1		109	110	95	115		
1M54650.D	AC50034-003	Soil	03/01/10 11:24	1		106	113	96	95		
1M54611.D	AC50034-004	Soil	02/26/10 13:30	1		110	111	96	113		
1M54612.D	AC50034-005	Soil	02/26/10 13:46	1		102	113	106	127 *		
3M72003.D	AC50034-005	Soil	02/26/10 23:21	1		109	106	99	119 *		
1M54613.D	AC50034-006	Soil	02/26/10 14:02	1		97	104	103	115		
1M54614.D	AC50034-007	Soil	02/26/10 14:18	1		101	92	100	109		
1M54615.D	AC50034-008	Soil	02/26/10 14:34	1		96	94	95	100		
1M54511.D	MBS15106	Soil	02/25/10 08:26	1		104	101	96	97		
1M54514.D	AC49985-002	Soil	02/25/10 09:15	1		112	113	93	94		
1M54542.D	MBS15113	Soil	02/25/10 16:55	1		99	102	98	97		
1M54563.D	AC49985-002(	Soil	02/25/10 22:34	1		100	100	101	98		
1M54564.D	AC49985-002(	Soil	02/25/10 22:50	1		102	97	98	96		
1M54589.D	MBS15121	Soil	02/26/10 07:34	1		106	115	96	97		
1M54653.D	MBS15146	Soil	03/01/10 12:12	1		97	100	97	96		
3M71979.D	MBS15127	Soil	02/26/10 16:44	1		99	99	100	101		
3M72004.D	MBS15134	Soil	02/26/10 23:37	1		97	90	101	103		

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:====>					1M54511.D			1M54589.D			3M71979.D			3M72004.D			1M54653.D		
Data/Batch/Sample ID:====>					MBS15106-So			MBS15121-So			MBS15127-So			MBS15134-So			MBS15146-So		
Date/Time:====>					02/25/10 08:26			02/26/10 07:34			02/26/10 16:44			02/26/10 23:37			03/01/10 12:12		
Compound	Limit(s)		Col	Mr	Conc			Conc			Conc			Conc			Conc		
	Soil	Aq			Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec
1,1-Dichloroethane	14-127		1	0	44.75	50	89	33.1	50	66	36.28	50	73	33.16	50	66	47.03	50	94
1,1-Dichloroethene	8-114		1	0	34.85	50	70	27.83	50	56	27.67	50	55	25.44	50	51	37.88	50	76
1,2-Dichlorobenzene	19-113		1	0	35.18	50	70	31.88	50	64	34.01	50	68	36.31	50	73	46.12	50	92
1,2-Dichloroethane	18-130		1	0	48.78	50	98	36.35	50	73	40.3	50	81	34.75	50	69	46.68	50	93
1,4-Dichlorobenzene	20-110		1	0	34.98	50	70	31.66	50	63	33.6	50	67	35.58	50	71	45.77	50	92
2-Butanone	4-141		1	0	48.89	50	98	33.25	50	67	42.92	50	86	36.71	50	73	47.88	50	96
Benzene	21-122		1	0	52.54	50	105	41.85	50	84	43.01	50	86	40.37	50	81	57.45	50	115
Carbon Tetrachloride	19-122		1	0	42.28	50	85	39.06	50	78	37.71	50	75	36.85	50	74	50.57	50	101
Chlorobenzene	21-117		1	0	38.9	50	78	34.62	50	69	38.46	50	77	37.6	50	75	46.35	50	93
Chloroform	26-119		1	0	50.1	50	100	38.01	50	76	38.53	50	77	36.07	50	72	50.34	50	101
n-Propylbenzene	16-122		1	0	37.21	50	74	31.24	50	62	37.87	50	76	44.01	50	88	49.37	50	99
sec-Butylbenzene	9-125		1	0	39.54	50	79	32.49	50	65	32.97	50	66	41.28	50	83	50.96	50	102
Tetrachloroethene	18-116		1	0	35.44	50	71	35.06	50	70	35.7	50	71	37.13	50	74	44.08	50	88
Toluene	19-128		1	0	45.94	50	92	40.33	50	81	43.08	50	86	42.07	50	84	54.6	50	109
Trichloroethene	21-116		1	0	40.01	50	80	37.09	50	74	35.55	50	71	34.77	50	70	48.26	50	97
Vinyl Chloride	6-117		1	0	50.87	50	102	28.83	50	58	34.52	50	69	31.71	50	63	39.1	50	78

Flags/Notes:

* - Values outside of limits for this column/run

FORM 3
Spike Recovery

Batch Number: MBS15113

Mbs File: 1M54542.D

Mbs Date: 02/25/10 16:55

Mbs Name: MBS15113

Non Spk'd File: 1M54514.D

Non Spk'd Date: 02/25/10 09:15

Ns Name: AC49985-002

Spike File: 1M54563.D

Spike Date : 02/25/10 22:34

Ms Name: AC49985-002(MS)

Spike Dup File: 1M54564.D

Spike Dup Date: 02/25/10 22:50

Msd Name: AC49985-002(MSD)

Matrix: Soil

Method: EPA 8260B

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	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	40.39	0.00	40.91	45.61	81	82	91	11
1,1-Dichloroethene	22	1	0	50	8	114	53	29.43	0.00	34.83	36.62	59	70	73	5
1,1-Dichloroethane	25	1	0	50	14	127	44	34.53	0.00	42.76	45.34	69	86	91	5.9
Chloroform	32	1	0	50	26	119	39	37.02	0.00	47.86	50.74	74	96	101	5.8
1,2-Dichloroethane	36	1	0	50	18	130	37	35.93	0.00	43.56	45.95	72	87	92	5.3
2-Butanone	37	1	0	50	4	141	59	35.37	0.00	42.16	48.67	71	84	97	14
Carbon Tetrachloride	39	1	0	50	19	122	40	37.97	0.00	47.88	48.81	76	96	98	1.9
Trichloroethene	45	1	0	50	21	116	39	36.13	0.00	45.23	47.35	72	90	95	4.6
Benzene	46	1	0	50	21	122	38	43.45	0.00	53.20	56.28	87	106	113	5.6
Tetrachloroethene	58	1	0	50	18	116	37	33.14	0.00	46.15	42.72	66	92	85	7.7
Toluene	60	1	0	50	19	128	35	40.86	0.00	53.33	53.18	82	107	106	0.28
Chlorobenzene	62	1	0	50	21	117	37	34.08	0.00	44.79	45.18	68	90	90	0.87
1,4-Dichlorobenzene	73	1	0	50	20	110	41	32.89	0.00	41.18	41.26	66	82	83	0.19
1,2-Dichlorobenzene	74	1	0	50	19	113	42	33.70	0.00	42.23	42.15	67	84	84	0.19
n-Propylbenzene	81	1	0	50	16	122	42	34.79	0.00	45.56	44.48	70	91	89	2.4
sec-Butylbenzene	86	1	0	50	9	125	48	35.32	0.00	46.80	45.15	71	94	90	3.6

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: 1M54509.D
Matrix: Soil

Blank Analysis Date: 02/25/10 07:53
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC49985-002	1M54514.D	02/25/10 09:15
MBS15106	1M54511.D	02/25/10 08:26

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M54539.D
Matrix: Soil

Blank Analysis Date: 02/25/10 16:03
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
MBS15113	1M54542.D	02/25/10 16:55
AC49985-002(MS)	1M54563.D	02/25/10 22:34
AC49985-002(MSD	1M54564.D	02/25/10 22:50

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M54588.D
Matrix: Soil

Blank Analysis Date: 02/26/10 06:53
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50034-004	1M54611.D	02/26/10 13:30
AC50034-005	1M54612.D	02/26/10 13:46
AC50034-006	1M54613.D	02/26/10 14:02
AC50034-007	1M54614.D	02/26/10 14:18
AC50034-008	1M54615.D	02/26/10 14:34
MBS15121	1M54589.D	02/26/10 07:34

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 3M71976.D
Matrix: Soil

Blank Analysis Date: 02/26/10 15:50
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50034-005	3M72003.D	02/26/10 23:21
MBS15127	3M71979.D	02/26/10 16:44
MBS15134	3M72004.D	02/26/10 23:37

FORM 4
Blank Summary

Blank Number: DAILY BLANK
Blank Data File: 1M54648.D
Matrix: Soil

Blank Analysis Date: 03/01/10 10:49
Blank Extraction Date: NA
(If Applicable)
Method: EPA 8260B

Sample Number	Data File	Analysis Date
AC50034-001	1M54652.D	03/01/10 11:56
AC50034-002	1M54651.D	03/01/10 11:40
AC50034-003	1M54650.D	03/01/10 11:24
MBS15146	1M54653.D	03/01/10 12:12

Form 5

Tune Name: BFB TUNE

Data File: 3M71363.D

Instrument: GCMS 3

Analysis Date: 01/27/10 09:20

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.418 to 4.428 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	26.1	8910	PASS
75	95	30	60	52.9	18088	PASS
95	95	100	100	100.0	34180	PASS
96	95	5	9	8.2	2800	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.6	29268	PASS
175	174	5	9	7.2	2100	PASS
176	174	95	101	95.8	28048	PASS
177	176	5	9	7.1	2003	PASS

Data File	Sample Number	Analysis Date:
3M71364.D	BLK	01/27/10 09:30
3M71365.D	50 PPB	01/27/10 09:46
3M71366.D	CAL @ 500 PPB	01/27/10 10:04
3M71367.D	CAL @ 250 PPB	01/27/10 10:20
3M71368.D	CAL @ 100 PPB	01/27/10 10:37
3M71369.D	CAL @ 50 PPB	01/27/10 10:53
3M71370.D	CAL @ 20 PPB	01/27/10 11:10
3M71371.D	CAL @ 10 PPB	01/27/10 11:26
3M71372.D	CAL @ 5 PPB	01/27/10 11:43
3M71373.D	BLK	01/27/10 12:01
3M71374.D	CAL @ 0.5 PPB	01/27/10 12:18
3M71375.D	CAL @ 1 PPB	01/27/10 12:34
3M71376.D	BLK	01/27/10 12:51
3M71377.D	STDTEST	01/27/10 13:08
3M71378.D	BLK	01/27/10 13:25
3M71379.D	ICV	01/27/10 13:42
3M71380.D	BLK	01/27/10 13:59
3M71381.D	DAILY BLANK	01/27/10 14:16
3M71382.D	MBS14786	01/27/10 14:32
3M71383.D	MBS14787	01/27/10 14:49
3M71384.D	BLK	01/27/10 15:06

Form 5

Tune Name: BFB TUNE

Data File: 1M54441.D

Instrument: GCMS 1

Analysis Date: 02/23/10 10:38

Method: EPA 8260B

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

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	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: 1M54506.D

Instrument: GCMS 1

Analysis Date: 02/25/10 06:39

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.457 to 4.487 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	23.7	10113	PASS
75	95	30	60	52.0	22159	PASS
95	95	100	100	100.0	42604	PASS
96	95	5	9	8.1	3469	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.0	32798	PASS
175	174	5	9	8.5	2791	PASS
176	174	95	101	97.8	32062	PASS
177	176	5	9	7.1	2263	PASS

Data File	Sample Number	Analysis Date:
1M54507.D	CAL @ 50 PPB	02/25/10 07:15
1M54508.D	BLK	02/25/10 07:37
1M54509.D	DAILY BLANK	02/25/10 07:53
1M54510.D	BLK	02/25/10 08:10
1M54511.D	MBS15106	02/25/10 08:26
1M54512.D	BLK	02/25/10 08:42
1M54513.D	AC49985-001	02/25/10 08:59
1M54514.D	AC49985-002	02/25/10 09:15
1M54515.D	AC49985-003	02/25/10 09:32
1M54516.D	AC49985-004	02/25/10 09:46
1M54517.D	AC49988-001	02/25/10 10:02
1M54518.D	AC49995-001	02/25/10 10:18
1M54519.D	BLK	02/25/10 10:35
1M54520.D	AC50001-003	02/25/10 10:51
1M54521.D	AC50001-004/MS:	02/25/10 11:07
1M54522.D	AC50001-005/MSD	02/25/10 11:23
1M54523.D	BLK	02/25/10 11:39
1M54524.D	AC50001-003	02/25/10 11:55
1M54525.D	AC50019-001	02/25/10 12:12
1M54526.D	AC50019-002	02/25/10 12:28
1M54527.D	AC50019-004	02/25/10 12:44
1M54528.D	BLK	02/25/10 13:00
1M54529.D	AC50001-001	02/25/10 13:16
1M54530.D	AC50001-002	02/25/10 13:32
1M54531.D	AC50019-004	02/25/10 13:52
1M54532.D	AC50001-006	02/25/10 14:08
1M54533.D	AC50015-009	02/25/10 14:25
1M54534.D	AC50015-006	02/25/10 14:41
1M54535.D	AC50015-005	02/25/10 14:57

Form 5

Tune Name: BFB TUNE

Data File: 1M54536.D

Instrument: GCMS 1

Analysis Date: 02/25/10 15:09

Method: EPA 8260B

Tune Scan/Time Range: Scan 39

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	21.4	11451	PASS
75	95	30	60	47.2	25256	PASS
95	95	100	100	100.0	53520	PASS
96	95	5	9	6.8	3662	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.1	38048	PASS
175	174	5	9	8.2	3130	PASS
176	174	95	101	99.0	37656	PASS
177	176	5	9	6.9	2607	PASS

Data File	Sample Number	Analysis Date:
1M54537.D	CAL @ 50 PPB	02/25/10 15:19
1M54538.D	BLK	02/25/10 15:47
1M54539.D	DAILY BLANK	02/25/10 16:03
1M54540.D	MBS15112	02/25/10 16:23
1M54541.D	BLK	02/25/10 16:39
1M54542.D	MBS15113	02/25/10 16:55
1M54543.D	AC49987-002	02/25/10 17:11
1M54544.D	AC49987-003	02/25/10 17:27
1M54545.D	AC49987-004	02/25/10 17:43
1M54546.D	AC49987-005	02/25/10 18:00
1M54547.D	AC49987-006	02/25/10 18:16
1M54548.D	AC49987-007	02/25/10 18:32
1M54549.D	AC49987-008	02/25/10 18:48
1M54550.D	AC49987-009	02/25/10 19:04
1M54551.D	AC49987-010	02/25/10 19:20
1M54552.D	AC49987-011	02/25/10 19:36
1M54553.D	AC49987-012	02/25/10 19:53
1M54554.D	AC49987-013	02/25/10 20:09
1M54555.D	AC49987-014	02/25/10 20:25
1M54556.D	AC49987-015	02/25/10 20:41
1M54557.D	AC49987-016	02/25/10 20:57
1M54558.D	AC49987-018	02/25/10 21:13
1M54559.D	AC49987-019	02/25/10 21:29
1M54560.D	AC49987-020	02/25/10 21:46
1M54561.D	AC49987-017	02/25/10 22:02
1M54562.D	MBS15114	02/25/10 22:18
1M54563.D	AC49985-002(MS)	02/25/10 22:34
1M54564.D	AC49985-002(MSD)	02/25/10 22:50
1M54565.D	BLK	02/25/10 23:06
1M54566.D	BLK	02/25/10 23:22
1M54567.D	MBS15115	02/25/10 23:38
1M54568.D	MBS15116	02/25/10 23:54
1M54569.D	AC49987-021	02/26/10 00:10
1M54570.D	AC49987-022	02/26/10 00:27
1M54571.D	AC49987-023	02/26/10 00:43
1M54572.D	AC49987-024	02/26/10 00:59
1M54573.D	AC49987-025	02/26/10 01:15
1M54574.D	AC49987-026	02/26/10 01:31
1M54575.D	AC49987-027	02/26/10 01:47
1M54576.D	AC49987-030	02/26/10 02:03
1M54577.D	AC49987-001	02/26/10 02:19
1M54578.D	MBS15117	02/26/10 02:35
1M54579.D	BLK	02/26/10 02:51
1M54580.D	BLK	02/26/10 03:07

Form 5

Tune Name: BFB TUNE

Data File: 1M54584.D

Instrument: GCMS 1

Analysis Date: 02/26/10 05:41

Method: EPA 8260B

Tune Scan/Time Range: Scan 41

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	21.4	13368	PASS
75	95	30	60	49.4	30768	PASS
95	95	100	100	100.0	62328	PASS
96	95	5	9	7.3	4521	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.8	49736	PASS
175	174	5	9	8.9	4415	PASS
176	174	95	101	96.8	48136	PASS
177	176	5	9	6.9	3341	PASS

Data File	Sample Number	Analysis Date:
1M54585.D	50 PPB	02/26/10 05:53
1M54586.D	CAL @ 50 PPB	02/26/10 06:16
1M54587.D	BLK	02/26/10 06:37
1M54588.D	DAILY BLANK	02/26/10 06:53
1M54589.D	MBS15121	02/26/10 07:34
1M54590.D	BLK	02/26/10 07:51
1M54591.D	AC49987-002	02/26/10 08:07
1M54592.D	AC49987-003	02/26/10 08:23
1M54593.D	AC49987-005	02/26/10 08:39
1M54594.D	AC49987-006	02/26/10 08:55
1M54595.D	AC49987-007	02/26/10 09:11
1M54596.D	AC49987-019	02/26/10 09:28
1M54597.D	AC49987-028	02/26/10 09:44
1M54598.D	BLK	02/26/10 10:00
1M54599.D	AC49987-029	02/26/10 10:16
1M54600.D	BLK	02/26/10 10:32
1M54601.D	BLK	02/26/10 10:48
1M54602.D	AC50015-006	02/26/10 11:04
1M54603.D	AC50049-005(5X)	02/26/10 11:21
1M54604.D	MBS15126	02/26/10 11:37
1M54605.D	BLK	02/26/10 11:53
1M54606.D	AC50034-002(5X)	02/26/10 12:09
1M54607.D	AC50034-001(5X)	02/26/10 12:25
1M54608.D	BLK	02/26/10 12:41
1M54609.D	BLK	02/26/10 12:57
1M54610.D	AC50034-003	02/26/10 13:13
1M54611.D	AC50034-004	02/26/10 13:30
1M54612.D	AC50034-005	02/26/10 13:46
1M54613.D	AC50034-006	02/26/10 14:02
1M54614.D	AC50034-007	02/26/10 14:18
1M54615.D	AC50034-008	02/26/10 14:34
1M54616.D	BLK	02/26/10 14:50
1M54617.D	AC50039-006	02/26/10 15:06
1M54618.D	AC50036-001(5X)	02/26/10 15:22
1M54619.D	BLK	02/26/10 15:39
1M54620.D	BLK	02/26/10 15:55
1M54621.D	BLK	02/26/10 16:11
1M54622.D	BLK	02/26/10 16:30
1M54623.D	AC50001-006	02/26/10 16:46
1M54624.D	AC49985-005	02/26/10 17:02
1M54625.D	AC49987-021	02/26/10 17:19
1M54626.D	MBS15128	02/26/10 17:35
1M54627.D	MBS15129	02/26/10 17:51
1M54628.D	BLK	02/26/10 18:09
1M54629.D	BLK	02/26/10 18:25
1M54630.D	BLK	02/26/10 18:41
1M54631.D	BLK	02/26/10 18:57
1M54632.D	BLK	02/26/10 19:14
1M54633.D	BLK	02/26/10 19:30
1M54634.D	BLK	02/26/10 19:46
1M54635.D	BLK	02/26/10 20:02

Form 5

Tune Name: BFB TUNE

Data File: 3M71973.D

Instrument: GCMS 3

Analysis Date: 02/26/10 14:34

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.497 to 4.507 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	26.3	8365	PASS
75	95	30	60	54.7	17394	PASS
95	95	100	100	100.0	31780	PASS
96	95	5	9	7.3	2309	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.4	26496	PASS
175	174	5	9	6.5	1731	PASS
176	174	95	101	96.0	25428	PASS
177	176	5	9	6.8	1725	PASS

Data File	Sample Number	Analysis Date:
3M71974.D	CAL @ 50 PPB	02/26/10 15:16
3M71975.D	BLK	02/26/10 15:34
3M71976.D	DAILY BLANK	02/26/10 15:50
3M71977.D	AC50047-001	02/26/10 16:10
3M71978.D	AC50047-002	02/26/10 16:27
3M71979.D	MBS15127	02/26/10 16:44
3M71980.D	BLK	02/26/10 17:00
3M71981.D	AC50047-003	02/26/10 17:17
3M71982.D	AC50047-004	02/26/10 17:33
3M71983.D	AC50047-005	02/26/10 17:50
3M71984.D	AC50047-006	02/26/10 18:07
3M71985.D	AC50047-007	02/26/10 18:23
3M71986.D	AC50047-008	02/26/10 18:40
3M71987.D	AC50047-009	02/26/10 18:56
3M71988.D	AC50047-010	02/26/10 19:13
3M71989.D	AC50047-011	02/26/10 19:29
3M71990.D	AC50047-012	02/26/10 19:46
3M71991.D	AC50047-013	02/26/10 20:02
3M71992.D	AC50047-014	02/26/10 20:19
3M71993.D	AC50047-015	02/26/10 20:36
3M71994.D	AC50047-016	02/26/10 20:52
3M71995.D	AC50047-017	02/26/10 21:09
3M71996.D	AC50047-001(MS)	02/26/10 21:25
3M71997.D	AC50047-001(MSD)	02/26/10 21:42
3M71998.D	MBS15133	02/26/10 21:58
3M71999.D	BLK	02/26/10 22:15
3M72000.D	BLK	02/26/10 22:31
3M72001.D	AC49987-002	02/26/10 22:48
3M72002.D	AC50047-002	02/26/10 23:04
3M72003.D	AC50034-005	02/26/10 23:21
3M72004.D	MBS15134	02/26/10 23:37
3M72005.D	BLK	02/26/10 23:54
3M72006.D	AC50034-003(5X)	02/27/10 00:10
3M72007.D	AC50034-007(5X)	02/27/10 00:27
3M72008.D	AC50034-008(5X)	02/27/10 00:43
3M72009.D	AC50036-001(5X)	02/27/10 01:00
3M72010.D	MBS15135	02/27/10 01:16
3M72011.D	BLK	02/27/10 01:33
3M72012.D	BLK	02/27/10 01:49
3M72013.D	BLK	02/27/10 02:06
3M72014.D	BLK	02/27/10 02:22
3M72015.D	BLK	02/27/10 02:39

Form 5

Tune Name: BFB TUNE

Data File: 1M54645.D

Instrument: GCMS 1

Analysis Date: 03/01/10 09:31

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.555 to 4.565 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	18.4	3851	PASS
75	95	30	60	43.4	9082	PASS
95	95	100	100	100.0	20912	PASS
96	95	5	9	8.2	1715	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.4	14720	PASS
175	174	5	9	8.0	1176	PASS
176	174	95	101	98.5	14504	PASS
177	176	5	9	8.4	1218	PASS

Data File	Sample Number	Analysis Date:
1M54646.D	CAL @ 50 PPB	03/01/10 10:11
1M54647.D	BLK	03/01/10 10:33
1M54648.D	DAILY BLANK	03/01/10 10:49
1M54649.D	BLK	03/01/10 11:05
1M54650.D	AC50034-003	03/01/10 11:24
1M54651.D	AC50034-002	03/01/10 11:40
1M54652.D	AC50034-001	03/01/10 11:56
1M54653.D	MBS15146	03/01/10 12:12
1M54654.D	AC49985-005(MS)	03/01/10 12:29
1M54655.D	AC49985-005(MSD)	03/01/10 12:45
1M54656.D	BLK	03/01/10 13:03
1M54657.D	BLK	03/01/10 14:21

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M71370.D

Method: EPA 8260B

Analysis Date/Time: 01/27/10 11:10

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:	277224	4.57	192090	6.40	96886	7.82						
Eval File Area Limit:	138612-554448		96045-384180		48443-193772							
Eval File Rt Limit:	4.07-5.07		5.9-6.9		7.32-8.32							

Data File Sample

3M71364.D BLK	234249	4.56	163656	6.40	77730	7.82				
3M71365.D 50 PPB	266781	4.57	185566	6.40	94722	7.82				
3M71366.D CAL @ 500 P	278656	4.57	183353	6.40	89551	7.82				
3M71367.D CAL @ 250 P	278797	4.57	195418	6.40	99513	7.82				
3M71368.D CAL @ 100 P	272664	4.57	195549	6.40	97933	7.82				
3M71369.D CAL @ 50 PP	234411	4.57	165367	6.40	80485	7.82				
3M71370.D CAL @ 20 PP	277224	4.57	192090	6.40	96886	7.82				
3M71371.D CAL @ 10 PP	270322	4.57	191970	6.40	96821	7.82				
3M71372.D CAL @ 5 PPB	267537	4.57	185116	6.40	94649	7.82				
3M71373.D BLK	263380	4.57	185362	6.40	87659	7.82				
3M71374.D CAL @ 0.5 P	283024	4.57	195276	6.40	96553	7.82				
3M71375.D CAL @ 1 PPB	253229	4.57	180903	6.40	89713	7.82				
3M71376.D BLK	230059	4.57	162139	6.40	72264	7.82				
3M71377.D STDTEST	278274	4.57	191325	6.40	98536	7.82				
3M71378.D BLK	252275	4.57	178747	6.40	86512	7.82				
3M71379.D ICV	266058	4.57	178563	6.40	92131	7.82				
3M71380.D BLK	251464	4.57	178087	6.40	87790	7.82				
3M71381.D DAILY BLANK	244950	4.57	175636	6.40	83614	7.82				
3M71382.D MBS14786	263302	4.57	185833	6.40	94808	7.82				
3M71383.D MBS14787	222630	4.57	156474	6.40	75745	7.82				
3M71384.D BLK	252307	4.57	182661	6.40	88299	7.82				

I1 = Fluorobenzene
 I2 = Chlorobenzene-d5
 I3 = 1,4-Dichlorobenzene-d4

I4 =
 I5 =
 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

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
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4

I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54507.D

Method: EPA 8260B

Analysis Date/Time: 02/25/10 07:15

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:	170080	4.61	125021	6.45	74225	7.88						
Eval File Area Limit:	85040-340160		62510-250042		37112-148450							
Eval File Rt Limit:	4.11-5.11		5.95-6.95		7.38-8.38							

Data File Sample

1M54508.D BLK	162850	4.62	122379	6.46	69854	7.88
1M54509.D DAILY BLANK	159066	4.63	125875	6.46	67393	7.88
1M54510.D BLK	158807	4.62	122924	6.46	67728	7.88
1M54511.D MBS15106	171742	4.63	131756	6.46	77927	7.88
1M54512.D BLK	157343	4.62	123918	6.46	71631	7.88
1M54513.D AC49985-001	128901	4.63	101465	6.46	50952	7.88
1M54514.D AC49985-002	165210	4.62	130543	6.46	70383	7.88
1M54515.D AC49985-003	158981	4.62	124878	6.46	67265	7.88
1M54516.D AC49985-004	157222	4.63	123701	6.46	65186	7.88
1M54517.D AC49988-001	149740	4.62	122550	6.46	69059	7.88
1M54518.D AC49995-001	167969	4.62	114161	6.46	55252	7.88
1M54519.D BLK	184753	4.63	140256	6.46	78469	7.88
1M54520.D AC50001-003	176017	4.62	135596	6.46	72453	7.88
1M54521.D AC50001-004	180478	4.63	137953	6.46	77161	7.88
1M54522.D AC50001-005	173496	4.62	131159	6.46	70888	7.88
1M54523.D BLK	160858	4.62	133897	6.46	76430	7.88
1M54524.D AC50001-003	167002	4.63	130215	6.46	72692	7.88
1M54525.D AC50019-001	167216	4.62	114450	6.46	47307	7.89
1M54526.D AC50019-002	5617 A	4.63	4551 A	6.46	1551 A	7.88
1M54527.D AC50019-004	165783	4.62	113416	6.46	45958	7.89
1M54528.D BLK	134529	4.63	107612	6.46	57855	7.89
1M54529.D AC50001-001	159286	4.62	123279	6.46	68342	7.89
1M54530.D AC50001-002	158514	4.63	122061	6.46	66428	7.89
1M54531.D AC50019-004	158892	4.62	84542	6.46	26899 A	7.89
1M54532.D AC50001-006	172394	4.62	133708	6.46	72072	7.89
1M54533.D AC50015-009	157560	4.63	123275	6.46	70444	7.89
1M54534.D AC50015-006	131923	4.62	75621	6.46	29279 A	7.89
1M54535.D AC50015-005	158760	4.63	114267	6.46	59114	7.89

I1 = Fluorobenzene
 I2 = Chlorobenzene-d5
 I3 = 1,4-Dichlorobenzene-d4

I4 =
 I5 =
 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54537.D

Method: EPA 8260B

Analysis Date/Time: 02/25/10 15:19

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:	174285	4.63	138620	6.47	79526	7.89						
Eval File Area Limit:	87142-348570		69310-277240		39763-159052							
Eval File Rt Limit:	4.13-5.13		5.97-6.97		7.39-8.389999							

Data File Sample

1M54538.D BLK	228371	4.62	144271	6.47	80184	7.89
1M54539.D DAILY BLANK	222158	4.63	129957	6.47	73530	7.89
1M54540.D MBS15112	227986	4.62	176651	6.47	71694	7.89
1M54541.D BLK	7886 A	4.63	6583 A	6.47	3161 A	7.89
1M54542.D MBS15113	157869	4.62	121125	6.47	70240	7.89
1M54543.D AC49987-002	147110	4.63	117004	6.47	66911	7.89
1M54544.D AC49987-003	151238	4.64	120506	6.47	66513	7.89
1M54545.D AC49987-004	206942	4.63	167971	6.47	97220	7.89
1M54546.D AC49987-005	147975	4.63	121021	6.47	68709	7.89
1M54547.D AC49987-006	206444	4.63	119844	6.47	70445	7.90
1M54548.D AC49987-007	206772	4.64	117892	6.47	66450	7.89
1M54549.D AC49987-008	230352	4.63	179134	6.47	69914	7.90
1M54550.D AC49987-009	208359	4.63	168163	6.47	68369	7.90
1M54551.D AC49987-010	154073	4.63	118332	6.47	67216	7.90
1M54552.D AC49987-011	155902	4.63	122671	6.47	68700	7.90
1M54553.D AC49987-012	153215	4.63	120438	6.47	69241	7.90
1M54554.D AC49987-013	134464	4.63	107899	6.47	57550	7.90
1M54555.D AC49987-014	135241	4.64	106863	6.47	60057	7.90
1M54556.D AC49987-015	151150	4.63	117627	6.47	68270	7.90
1M54557.D AC49987-016	149267	4.64	114650	6.48	64074	7.90
1M54558.D AC49987-018	149576	4.63	123872	6.47	75266	7.90
1M54559.D AC49987-019	154888	4.64	120871	6.47	68704	7.90
1M54560.D AC49987-020	142314	4.63	115135	6.47	63491	7.90
1M54561.D AC49987-017	199080	4.64	129772	6.47	76485	7.90
1M54562.D MBS15114	159627	4.63	118573	6.48	72680	7.90
1M54563.D AC49985-002	172379	4.63	126999	6.48	76227	7.90
1M54564.D AC49985-002	169508	4.63	131178	6.48	77979	7.90
1M54565.D BLK	153260	4.64	121152	6.48	68005	7.90
1M54566.D BLK	148618	4.63	114932	6.48	64414	7.90
1M54567.D MBS15115	157401	4.64	117163	6.48	73351	7.90
1M54568.D MBS15116	175421	4.63	127949	6.48	78507	7.90
1M54569.D AC49987-021	124000	4.64	98300	6.48	59580	7.90
1M54570.D AC49987-022	140439	4.64	113820	6.48	64039	7.90
1M54571.D AC49987-023	150331	4.64	117330	6.48	67885	7.90
1M54572.D AC49987-024	144036	4.64	108025	6.48	61492	7.90
1M54573.D AC49987-025	147947	4.63	120194	6.48	69079	7.90
1M54574.D AC49987-026	137881	4.64	104469	6.48	60835	7.90
1M54575.D AC49987-027	150196	4.64	120802	6.48	69065	7.91
1M54576.D AC49987-030	144125	4.65	116446	6.48	70796	7.90
1M54577.D AC49987-001	148395	4.64	120178	6.48	69166	7.91
1M54578.D MBS15117	162097	4.64	121942	6.48	74924	7.90
1M54579.D BLK	148877	4.65	116544	6.48	68057	7.91
1M54580.D BLK	148894	4.64	117923	6.48	66368	7.91

I1 = Fluorobenzene
I2 = Chlorobenzene-d5
I3 = 1,4-Dichlorobenzene-d4

I4 =
I5 =
I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54586.D

Method: EPA 8260B

Analysis Date/Time: 02/26/10 06:16

Lab File ID: CAL @ 50 PPB

Eval File Area/RT:	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area Limit:	210892	4.63	165461	6.48	66454	7.90						
Eval File Rt Limit:	105446-421784		82730-330922		33227-132908							
	4.13-5.13		5.98-6.98		7.4-8.4							

Data File	Sample						
1M54585.D	50 PPB	206404	4.63	159777	6.48	66063	7.90
1M54587.D	BLK	198824	4.63	161617	6.48	64000	7.90
1M54588.D	DAILY BLANK	191320	4.64	113138	6.48	60570	7.90
1M54589.D	MBS15121	215203	4.63	165614	6.47	106448	7.90
1M54590.D	BLK	197726	4.63	160018	6.48	62801	7.90
1M54591.D	AC49987-002	206158	4.64	117638	6.47	64235	7.90
1M54592.D	AC49987-003	152184	4.63	118455	6.47	66057	7.90
1M54593.D	AC49987-005	196720	4.64	113792	6.47	65199	7.90
1M54594.D	AC49987-006	157098	4.63	122825	6.47	71390	7.90
1M54595.D	AC49987-007	146032	4.63	115659	6.47	67656	7.90
1M54596.D	AC49987-019	153933	4.64	121227	6.48	69263	7.90
1M54597.D	AC49987-028	156328	4.63	134213	6.47	81265	7.90
1M54598.D	BLK	203413	4.64	120761	6.47	72216	7.90
1M54599.D	AC49987-029	200367	4.63	122352	6.47	75846	7.90
1M54600.D	BLK	197710	4.64	114618	6.47	65138	7.90
1M54601.D	BLK	206294	4.63	116518	6.47	67219	7.90
1M54602.D	AC50015-006	120313	4.63	64803 A	6.47	19526 A	7.90
1M54603.D	AC50049-005	142299	4.63	99428	6.47	40567	7.89
1M54604.D	MBS15126	161366	4.63	122190	6.47	73619	7.89
1M54605.D	BLK	165566	4.64	134987	6.47	79166	7.89
1M54606.D	AC50034-002	150083	4.63	118603	6.47	64108	7.89
1M54607.D	AC50034-001	143210	4.63	110132	6.47	55895	7.89
1M54608.D	BLK	164561	4.63	134697	6.47	74742	7.89
1M54609.D	BLK	154283	4.64	124953	6.47	71153	7.89
1M54610.D	AC50034-003	5988 A	4.63	3952 A	6.47	1601 A	7.89
1M54611.D	AC50034-004	143046	4.63	109964	6.47	51202	7.89
1M54612.D	AC50034-005	154878	4.63	108779	6.47	41246	7.89
1M54613.D	AC50034-006	155190	4.62	111585	6.47	48633	7.89
1M54614.D	AC50034-007	175059	4.63	128367	6.46	61126	7.89
1M54615.D	AC50034-008	163001	4.62	124667	6.47	63019	7.89
1M54616.D	BLK	175839	4.64	139782	6.47	79223	7.90
1M54617.D	AC50039-006	178087	4.63	139495	6.47	82834	7.89
1M54618.D	AC50036-001	138305	4.62	87327	6.47	71220	7.89
1M54619.D	BLK	153623	4.62	123728	6.46	69205	7.89
1M54620.D	BLK	153357	4.63	123163	6.46	71259	7.89
1M54621.D	BLK	150917	4.62	122956	6.46	71374	7.89
1M54622.D	BLK	152044	4.62	124650	6.46	70456	7.89
1M54623.D	AC50001-006	154693	4.62	122199	6.47	68847	7.89
1M54624.D	AC49985-005	157804	4.63	122511	6.46	69062	7.89
1M54625.D	AC49987-021	157055	4.63	125008	6.46	74720	7.89
1M54626.D	MBS15128	168797	4.62	129027	6.46	75054	7.89
1M54627.D	MBS15129	168211	4.63	128222	6.47	73282	7.89
1M54628.D	BLK	151710	4.62	118496	6.46	67939	7.89
1M54629.D	BLK	162089	4.62	120849	6.46	65279	7.89
1M54630.D	BLK	152271	4.62	119397	6.46	66104	7.89
1M54631.D	BLK	157252	4.63	118498	6.46	65351	7.89
1M54632.D	BLK	154728	4.63	115962	6.46	65472	7.89
1M54633.D	BLK	145880	4.62	115532	6.46	65468	7.89
1M54634.D	BLK	148056	4.62	115347	6.46	64511	7.89
1M54635.D	BLK	145564	4.62	110552	6.46	61484	7.89

I1 = Fluorobenzene
 I2 = Chlorobenzene-d5
 I3 = 1,4-Dichlorobenzene-d4

I4 =
 I5 =
 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 3M71974.D

Method: EPA 8260B

Analysis Date/Time: 02/26/10 15:16

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:	268892	4.59	193451	6.42	102314	7.84						
Eval File Area Limit:	134446-537784		96726-386902		51157-204628							
Eval File Rt Limit:	4.09-5.09		5.92-6.92		7.34-8.34							

Data File Sample

3M71975.D BLK	257509	4.59	183770	6.42	89676	7.84				
3M71976.D DAILY BLANK	255162	4.59	186601	6.42	88174	7.84				
3M71977.D AC50047-001	212038	4.59	150073	6.42	64738	7.84				
3M71978.D AC50047-002	243407	4.59	132010	6.42	31715 A	7.84				
3M71979.D MBS15127	257264	4.59	179473	6.42	89961	7.84				
3M71980.D BLK	199016	4.58	137609	6.42	64052	7.84				
3M71981.D AC50047-003	242266	4.59	171150	6.42	80769	7.85				
3M71982.D AC50047-004	233650	4.58	163888	6.42	78129	7.84				
3M71983.D AC50047-005	242953	4.59	177465	6.42	84548	7.84				
3M71984.D AC50047-006	241209	4.59	174500	6.42	79990	7.84				
3M71985.D AC50047-007	241546	4.59	168190	6.42	82533	7.84				
3M71986.D AC50047-008	205246	4.59	144514	6.42	68614	7.85				
3M71987.D AC50047-009	236853	4.59	166639	6.42	79048	7.84				
3M71988.D AC50047-010	255324	4.59	182076	6.42	83950	7.84				
3M71989.D AC50047-011	213701	4.58	152224	6.42	72175	7.84				
3M71990.D AC50047-012	244861	4.59	174530	6.42	82096	7.84				
3M71991.D AC50047-013	240875	4.59	171624	6.42	82490	7.84				
3M71992.D AC50047-014	219850	4.59	158973	6.42	79474	7.84				
3M71993.D AC50047-015	250166	4.59	179892	6.42	83967	7.84				
3M71994.D AC50047-016	188141	4.58	133224	6.42	62628	7.84				
3M71995.D AC50047-017	243657	4.59	175152	6.42	79485	7.84				
3M71996.D AC50047-001	246812	4.58	171366	6.42	83829	7.84				
3M71997.D AC50047-001	260602	4.59	186195	6.42	90447	7.84				
3M71998.D MBS15133	266841	4.59	187603	6.42	91662	7.84				
3M71999.D BLK	211245	4.59	148619	6.42	69340	7.84				
3M72000.D BLK	242500	4.59	170524	6.42	80220	7.85				
3M72001.D AC49987-002	227607	4.59	165016	6.42	75416	7.84				
3M72002.D AC50047-002	268310	4.59	179646	6.42	69993	7.85				
3M72003.D AC50034-005	227263	4.59	156515	6.42	64989	7.84				
3M72004.D MBS15134	282160	4.59	192841	6.42	95907	7.84				
3M72005.D BLK	184688	4.58	131846	6.42	62708	7.84				
3M72006.D AC50034-003	236658	4.58	163805	6.42	78748	7.84				
3M72007.D AC50034-007	241943	4.59	168891	6.42	79165	7.84				
3M72008.D AC50034-008	201545	4.59	139051	6.43	61537	7.85				
3M72009.D AC50036-001	199658	4.59	134457	6.42	56406	7.84				
3M72010.D MBS15135	254377	4.58	184751	6.42	92169	7.84				
3M72011.D BLK	235908	4.59	163702	6.42	80776	7.84				
3M72012.D BLK	239050	4.59	174613	6.42	83690	7.85				
3M72013.D BLK	237665	4.58	166029	6.42	79274	7.84				
3M72014.D BLK	185253	4.59	134475	6.42	63789	7.84				
3M72015.D BLK	241874	4.59	169238	6.42	79407	7.85				

I1 = Fluorobenzene
 I2 = Chlorobenzene-d5
 I3 = 1,4-Dichlorobenzene-d4

I4 =
 I5 =
 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 1M54646.D

Method: EPA 8260B

Analysis Date/Time: 03/01/10 10:11

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:	157972	4.62	115275	6.45	65881	7.87						
Eval File Area Limit:	78986-315944		57638-230550		32940-131762							
Eval File Rt Limit:	4.12-5.12		5.95-6.95		7.37-8.37							

Data File Sample

1M54647.D BLK	144818	4.62	116175	6.45	64104	7.88				
1M54648.D DAILY BLANK	153478	4.61	121635	6.45	67455	7.87				
1M54649.D BLK	155457	4.61	116278	6.45	62360	7.88				
1M54650.D AC50034-003	146255	4.62	114383	6.45	60242	7.87				
1M54651.D AC50034-002	135532	4.61	100643	6.45	41368	7.87				
1M54652.D AC50034-001	139873	4.62	99091	6.45	39772	7.87				
1M54653.D MBS15146	164123	4.61	129222	6.45	73061	7.87				
1M54654.D AC49985-005	144674	4.62	113713	6.45	63928	7.87				
1M54655.D AC49985-005	164635	4.62	127980	6.45	73469	7.87				
1M54656.D BLK	150876	4.62	122070	6.45	67210	7.87				
1M54657.D BLK	209991	4.62	181243	6.45	70721	7.87				

I1 = Fluorobenzene
 I2 = Chlorobenzene-d5
 I3 = 1,4-Dichlorobenzene-d4

I4 =
 I5 =
 I6 =

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

GC/MS Volatile Data
Sample Data

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-001

Client Id: PI01-TP-RAM2022210S01

Data File: 1M54652.D

Analysis Date: 03/01/10 11:56

Date Rec/Extracted: 02/25/10-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: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0073	U	56-23-5	Carbon Tetrachloride	0.0073	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0073	U	108-90-7	Chlorobenzene	0.0073	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0073	U	75-00-3	Chloroethane	0.0073	U
79-00-5	1,1,2-Trichloroethane	0.0073	U	67-66-3	Chloroform	0.0073	U
75-34-3	1,1-Dichloroethane	0.0073	U	74-87-3	Chloromethane	0.0073	U
75-35-4	1,1-Dichloroethene	0.0073	U	156-59-2	cis-1,2-Dichloroethene	0.0073	U
96-18-4	1,2,3-Trichloropropane	0.0073	U	10061-01-5	cis-1,3-Dichloropropene	0.0073	U
95-63-6	1,2,4-Trimethylbenzene	0.0015	U	124-48-1	Dibromochloromethane	0.0073	U
95-50-1	1,2-Dichlorobenzene	0.0073	U	75-71-8	Dichlorodifluoromethane	0.0073	U
107-06-2	1,2-Dichloroethane	0.0073	U	100-41-4	Ethylbenzene	0.0015	U
78-87-5	1,2-Dichloropropane	0.0073	U	98-82-8	Isopropylbenzene	0.0015	U
108-67-8	1,3,5-Trimethylbenzene	0.0015	U	136777612	m&p-Xylenes	0.0015	U
541-73-1	1,3-Dichlorobenzene	0.0073	U	75-09-2	Methylene Chloride	0.0073	U
142-28-9	1,3-Dichloropropane	0.0073	U	1634-04-4	Methyl-t-butyl ether	0.0015	U
106-46-7	1,4-Dichlorobenzene	0.0073	U	104-51-8	n-Butylbenzene	0.0015	U
123-91-1	1,4-Dioxane	0.37	U	103-65-1	n-Propylbenzene	0.0015	U
78-93-3	2-Butanone	0.0073	U	95-47-6	o-Xylene	0.0015	U
110-75-8	2-Chloroethylvinylether	0.0073	U	135-98-8	sec-Butylbenzene	0.0015	U
591-78-6	2-Hexanone	0.0073	U	100-42-5	Styrene	0.0073	U
99-87-6	4-Isopropyltoluene	0.0015	U	75-65-0	t-Butyl Alcohol	0.037	U
108-10-1	4-Methyl-2-Pentanone	0.0073	U	98-06-6	t-Butylbenzene	0.0015	U
67-64-1	Acetone	0.037	U	127-18-4	Tetrachloroethene	0.0073	U
107-02-8	Acrolein	0.037	U	108-88-3	Toluene	0.0015	U
107-13-1	Acrylonitrile	0.0073	U	156-60-5	trans-1,2-Dichloroethene	0.0073	U
71-43-2	Benzene	0.0015	U	10061-02-6	trans-1,3-Dichloropropene	0.0073	U
75-27-4	Bromodichloromethane	0.0073	U	79-01-6	Trichloroethene	0.0073	U
75-25-2	Bromoform	0.0073	U	75-69-4	Trichlorofluoromethane	0.0073	U
74-83-9	Bromomethane	0.0073	U	75-01-4	Vinyl Chloride	0.0073	U
75-15-0	Carbon Disulfide	0.0073	U	1330-20-7	Xylenes (Total)	0.0015	U

Worksheet #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-001
Client Id: PI01-TP-RAM2022210S
Data File: 1M54652.D
Analysis Date: 03/01/10 11:56
Date Rec/Extracted: 02/25/10-NA

Matrix: Soil
Initial Vol: 5.02g
Final Vol: NA
Dilution: 0.996
Solids: 68
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	4442-79-9	Cyclohexaneethanol	7.77	0.12 J
2	53366-38-4	Cyclopentane, (2-methylbutyl)-	7.99	0.074 J
3	34177-18-9	Spiro[4.4]nonan-2-one	8.12	0.17 J
4	61142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	8.23	0.11 J
5	17301-33-6	Undecane, 4,8-dimethyl-	8.31	0.15 J
6	2958-76-1	Naphthalene, decahydro-2-methyl-	8.53	0.082 J
7	17301-23-4	Undecane, 2,6-dimethyl-	8.89	0.15 J
8	1750-51-2	Naphthalene, decahydro-1,6-dimethyl-	9.03	0.088 J
9	54676-39-0	Cyclohexane, 2-butyl-1,1,3-trimethyl-	9.25	0.073 J
10		unknown	9.62	0.079 J

Worksheet #: 144264

Total Tentatively Identified Concentration 1.1*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 : AC50034-001
 Data File: 1M54652.D
 Acq On : 03/ 1/10 11:56

Operator : WP
 Sam Mult : 1 Vial# : 9
 Misc : S,5G!4

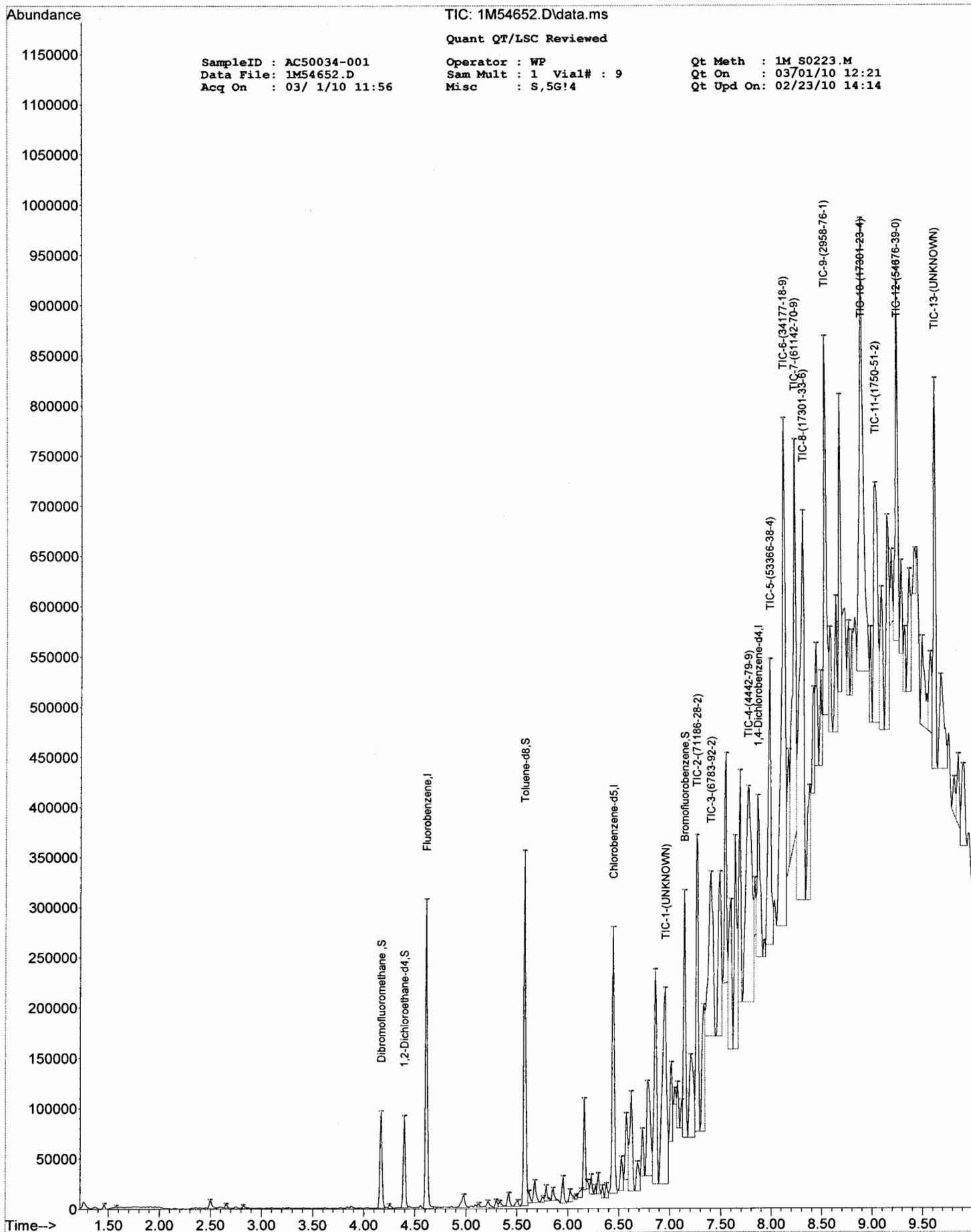
Qt Meth : 1M_S0223.M
 Qt On : 03/01/10 12:21
 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 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	139873	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	99091	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	39772	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	40738	32.34	ug/l	0.00
Spiked Amount 30.000			Recovery	=	107.80%	
35) 1,2-Dichloroethane-d4	4.398	102	7677	33.62	ug/l	0.00
Spiked Amount 30.000			Recovery	=	112.07%	
59) Toluene-d8	5.581	100	93459	31.42	ug/l	0.00
Spiked Amount 30.000			Recovery	=	104.73%	
67) Bromofluorobenzene	7.148	174	38103	32.31	ug/l	0.00
Spiked Amount 30.000			Recovery	=	107.70%	
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.615		378712	30.00	ug/l	--
2) Chlorobenzene-d5	6.448		377430	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.868		336072	30.00	ug/l	--
Library Search Compounds						
1) UNKNOWN	6.960		576810	45.85	ug/l	--
2) 71186-28-2	7.270		446384	39.85	ug/l	59
3) 6783-92-2	7.400		497063	44.37	ug/l	93
4) 4442-79-9	7.770		929859	83.01	ug/l	59
5) 53366-38-4	7.990		562438	50.21	ug/l	52
6) 34177-18-9	8.120		1294925	115.59	ug/l	49
7) 61142-70-9	8.230		845065	75.44	ug/l	50
8) 17301-33-6	8.310		1150685	102.72	ug/l	53
9) 2958-76-1	8.530		623523	55.66	ug/l	94
10) 17301-23-4	8.890		1165931	104.08	ug/l	94
11) 1750-51-2	9.030		675327	60.28	ug/l	64
12) 54676-39-0	9.250		557738	49.79	ug/l	58
13) UNKNOWN	9.620		606341	54.13	ug/l	--

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

Ue



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54652.D
 Acq On : 1 Mar 2010 11:56
 Operator : WP
 Sample : AC50034-001
 Misc : S,5G!4
 ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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: 1M54652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.460	13	15	17	rBV	4831	6216	0.48%	0.031%
2	1.577	17	22	23	rBV	2503	9838	0.76%	0.048%
3	2.496	80	83	90	rBV	7641	15348	1.19%	0.075%
4	2.654	97	99	103	rVB2	3410	5302	0.41%	0.026%
5	2.821	114	116	124	rVB4	2343	4843	0.37%	0.024%
6	4.172	249	253	257	rBV	95342	134294	10.37%	0.659%
7	4.251	260	261	266	rVB2	3018	4800	0.37%	0.024%
8	4.398	272	276	280	rBV	90392	120212	9.28%	0.590%
9	4.615	295	298	305	rBV	306554	377191	29.13%	1.852%
10	4.980	326	335	340	rVB3	12287	31192	2.41%	0.153%
11	5.128	348	350	353	rVB2	3427	4629	0.36%	0.023%
12	5.216	356	359	364	rVB4	6096	12215	0.94%	0.060%
13	5.295	364	367	369	rBV	6997	11425	0.88%	0.056%
14	5.335	369	371	375	rVB2	4792	7775	0.60%	0.038%
15	5.423	375	380	385	rBV	12743	21140	1.63%	0.104%
16	5.512	385	389	392	rBV4	5238	11095	0.86%	0.054%
17	5.581	392	396	399	rBV	352681	468156	36.15%	2.299%
18	5.620	399	400	403	rVV2	11240	13086	1.01%	0.064%
19	5.680	403	406	411	rVB3	21231	35823	2.77%	0.176%
20	5.758	411	414	415	rBV3	5289	8844	0.68%	0.043%
21	5.788	415	417	421	rVV3	14565	20649	1.59%	0.101%
22	5.857	421	424	428	rVV4	11452	18792	1.45%	0.092%
23	5.956	431	434	437	rBV	26054	36419	2.81%	0.179%
24	6.025	437	441	443	rBV2	12015	20006	1.54%	0.098%
25	6.084	445	447	448	rBV	4068	5748	0.44%	0.028%
26	6.133	448	452	453	rBV3	8258	19348	1.49%	0.095%
27	6.163	453	455	457	rBV	90328	109232	8.44%	0.536%
28	6.192	457	458	460	rVB2	8028	7411	0.57%	0.036%
29	6.232	460	462	464	rVB	18744	20989	1.62%	0.103%
30	6.271	464	466	467	rBV	8221	8958	0.69%	0.044%
31	6.301	467	469	472	rVB	19673	24134	1.86%	0.118%
32	6.340	472	473	475	rVB	11989	11255	0.87%	0.055%
33	6.379	475	477	479	rBV3	13865	20778	1.60%	0.102%
34	6.448	479	484	488	rBV	263944	377430	29.15%	1.853%
35	6.527	488	492	494	rBV2	33031	53847	4.16%	0.264%

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54652.D
 Acq On : 1 Mar 2010 11:56
 Operator : WP
 Sample : AC50034-001
 Misc : S,5G!4
 ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	6.576	494	497	499	rBV2	65393	116814	9.02%	0.574%
37	6.626	499	502	505	rVB2	98222	174786	13.50%	0.858%
38	6.685	505	508	511	rBV3	28577	62561	4.83%	0.307%
39	6.734	511	513	515	rBV2	46590	60592	4.68%	0.298%
40	6.783	515	518	523	rBV4	93560	246240	19.02%	1.209%
41	6.862	523	526	529	rVB2	212619	347635	26.85%	1.707%
42	6.961	529	536	539	rBV3	194154	576810	44.54%	2.832%
43	7.020	539	542	543	rBV2	78053	122311	9.45%	0.601%
44	7.050	543	545	547	rBV2	15635	20570	1.59%	0.101%
45	7.079	547	548	550	rVB	45192	43101	3.33%	0.212%
46	7.119	550	552	553	rBV	27583	37302	2.88%	0.183%
47	7.148	553	555	558	rVB2	245466	311984	24.09%	1.532%
48	7.207	558	561	565	rBV5	81723	241930	18.68%	1.188%
49	7.266	565	567	570	rVB	294354	446384	34.47%	2.192%
50	7.335	570	574	575	rBV2	125510	257124	19.86%	1.262%
51	7.404	575	581	586	rVB5	163235	497063	38.39%	2.441%
52	7.493	586	590	592	rBV3	163588	340419	26.29%	1.671%
53	7.552	592	596	598	rVV2	228577	325525	25.14%	1.598%
54	7.601	598	601	603	rVB3	148933	292298	22.57%	1.435%
55	7.641	603	605	608	rBV2	212595	409932	31.66%	2.013%
56	7.690	608	610	612	rVB	230907	289754	22.38%	1.423%
57	7.769	612	618	624	rBV4	215018	929859	71.81%	4.566%
58	7.838	624	625	626	rVV	55980	55329	4.27%	0.272%
59	7.868	626	628	633	rVB4	160944	320060	24.72%	1.571%
60	7.927	633	634	636	rBV2	15767	24604	1.90%	0.121%
61	7.986	636	640	644	rBV2	284488	562438	43.43%	2.762%
62	8.124	647	654	657	rBV2	505808	1294925	100.00%	6.358%
63	8.173	657	659	660	rVV	125661	180222	13.92%	0.885%
64	8.232	660	665	667	rVV2	413528	845065	65.26%	4.149%
65	8.311	667	673	676	rVB5	387246	1150685	88.86%	5.650%
66	8.380	676	680	681	rBV2	114152	255590	19.74%	1.255%
67	8.420	681	684	685	rBV3	105803	182556	14.10%	0.896%
68	8.439	685	686	689	rVB3	121387	157728	12.18%	0.774%
69	8.489	689	691	693	rBV2	94111	139350	10.76%	0.684%
70	8.528	693	695	699	rBV3	376856	623523	48.15%	3.061%
71	8.577	699	700	703	rVB3	104025	126355	9.76%	0.620%
72	8.636	703	706	708	rBV3	135095	203551	15.72%	0.999%
73	8.676	708	710	712	rBV2	295790	406725	31.41%	1.997%
74	8.764	717	719	720	rVB2	73425	80165	6.19%	0.394%
75	8.794	720	722	723	rBV2	64351	80754	6.24%	0.396%

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 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

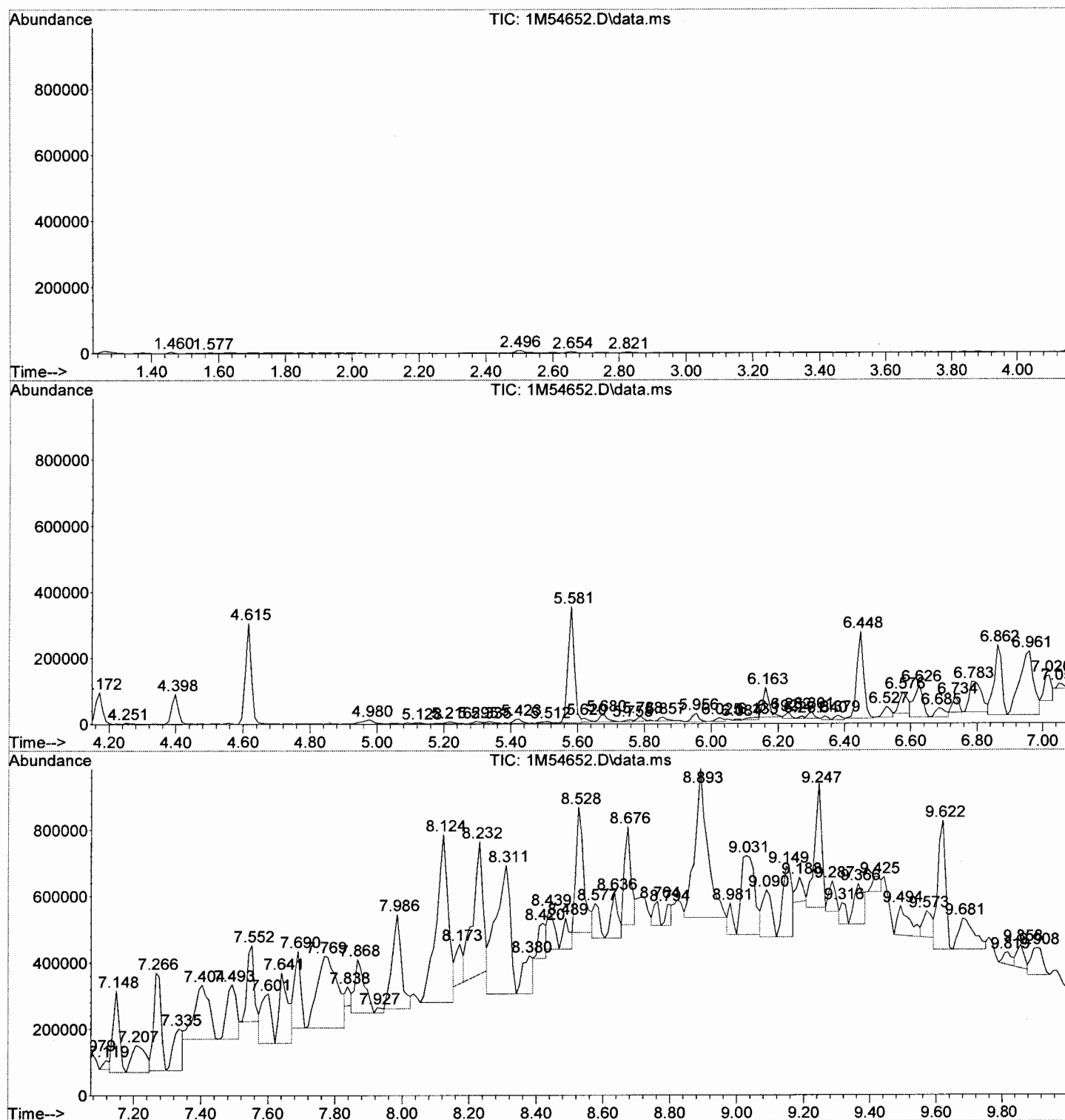
76	8.893	727	732	740	rVB3	450795	1165931	90.04%	5.725%
77	8.981	740	741	743	rVB	94778	81218	6.27%	0.399%
78	9.031	743	746	750	rBV5	238015	675327	52.15%	3.316%
79	9.090	750	752	755	rVB3	141712	256546	19.81%	1.260%
80	9.149	755	758	760	rBV2	213104	422638	32.64%	2.075%
81	9.188	760	762	764	rVV4	72647	99935	7.72%	0.491%
82	9.247	764	768	770	rVB	377032	557738	43.07%	2.738%
83	9.287	770	772	774	rVB3	92536	123465	9.53%	0.606%
84	9.316	774	775	777	rVB2	64307	72590	5.61%	0.356%
85	9.366	777	780	782	rBV2	121565	258589	19.97%	1.270%
86	9.425	783	786	787	rBV3	45241	83066	6.41%	0.408%
87	9.494	791	793	799	rBV6	87422	230124	17.77%	1.130%
88	9.573	799	801	803	rVV3	78808	151543	11.70%	0.744%
89	9.622	803	806	809	rVB2	388661	606341	46.82%	2.977%
90	9.681	809	812	819	rBV8	93809	312183	24.11%	1.533%
91	9.819	823	826	828	rBV3	33613	74719	5.77%	0.367%
92	9.858	828	830	832	rVV3	69884	100967	7.80%	0.496%
93	9.908	832	835	839	rVB5	81619	194795	15.04%	0.956%

Sum of corrected areas: 20366754

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

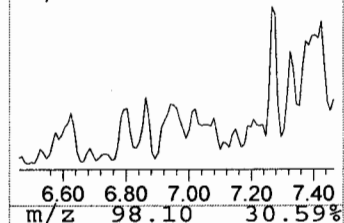
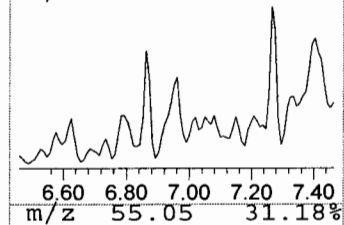
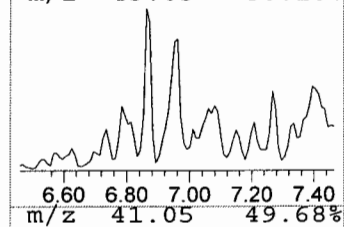
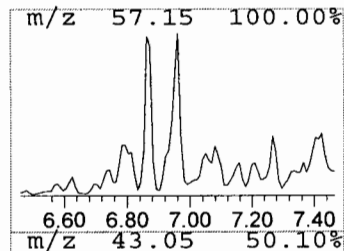
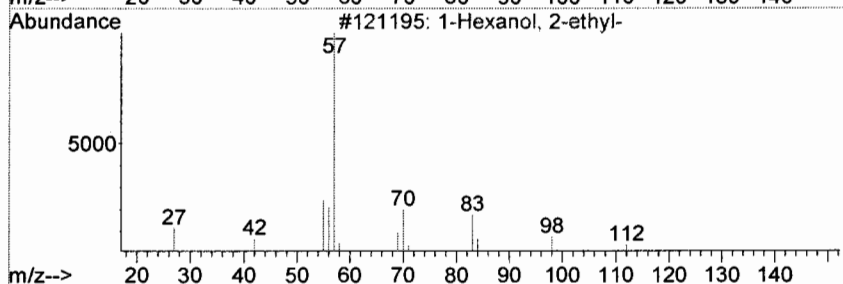
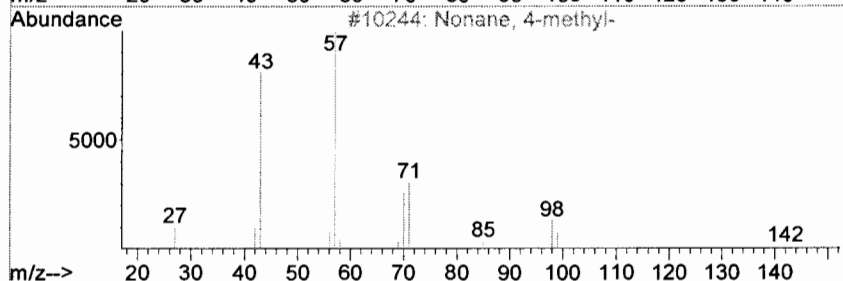
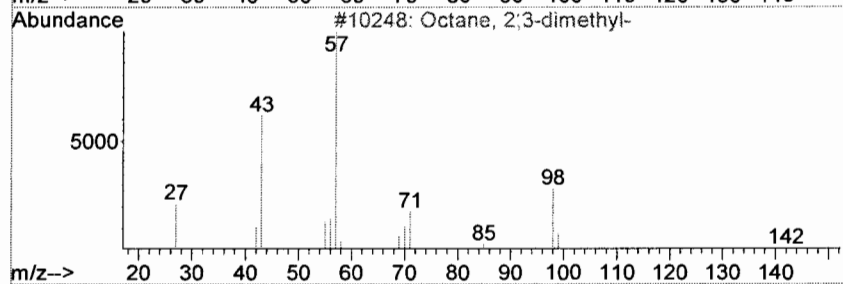
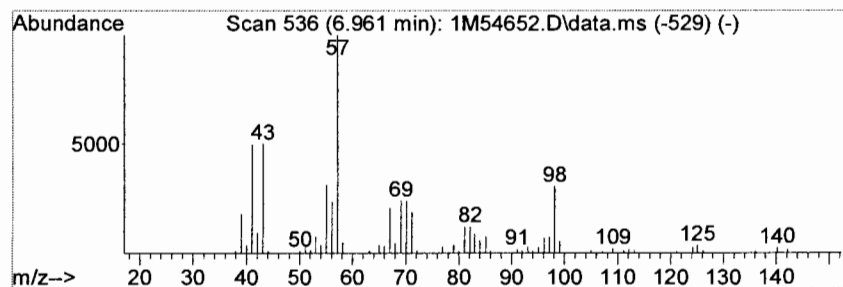
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 1 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	45.85 ug/l	576810	LibIS-Chlorobenzene-d5	6.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	14
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	37
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	38
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	11



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

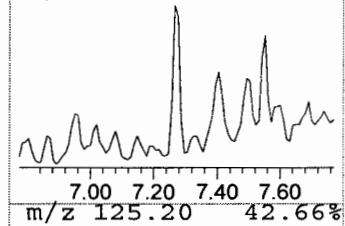
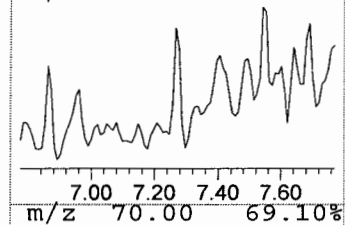
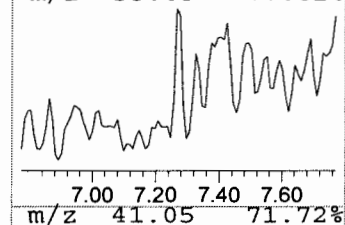
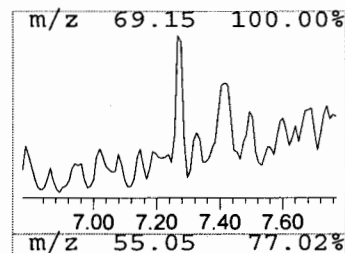
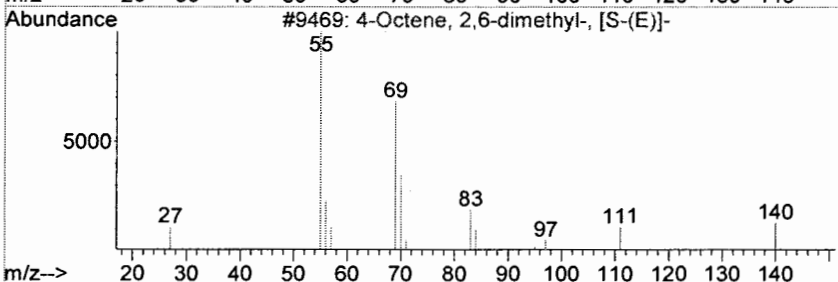
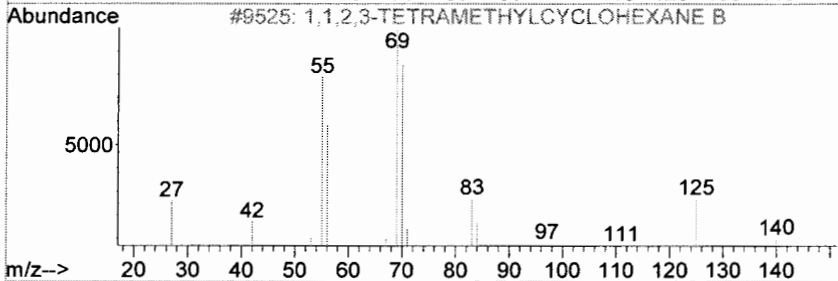
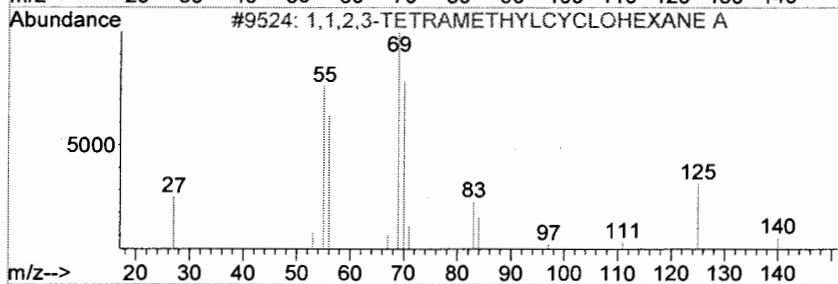
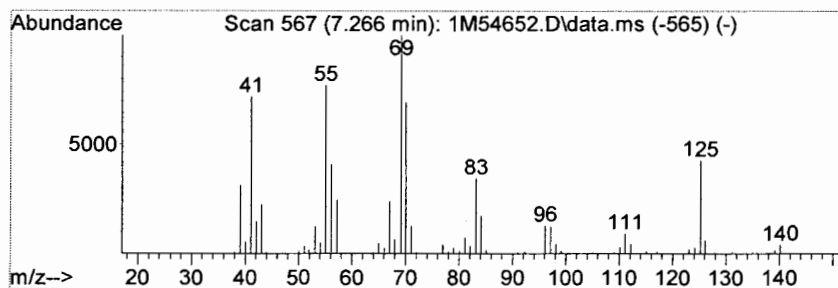
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 2 1,1,2,3-TETRAMETHYLCYCLOHEX... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	39.85 ug/l	446384	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	45
2			1,1,2,3-TETRAMETHYLCYCLOHEXANE B	140	C10H20	071186-28-2	59
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	16
4			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
5			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	27



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G14
ALS Vial : 9 Sample Multiplier: 1

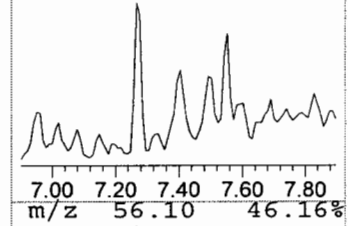
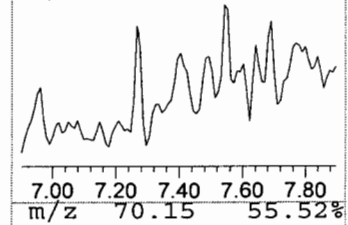
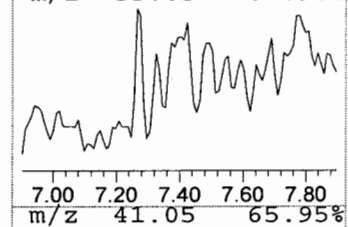
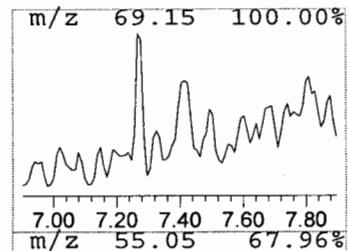
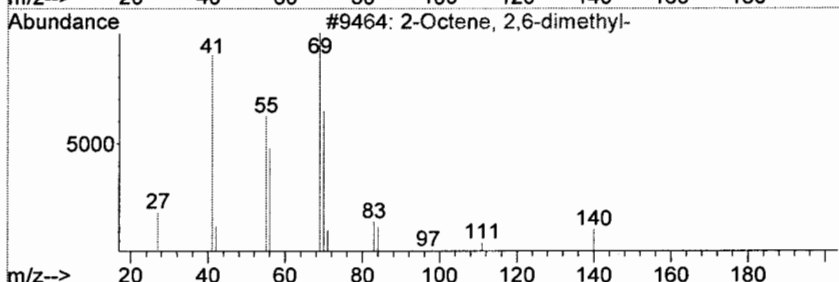
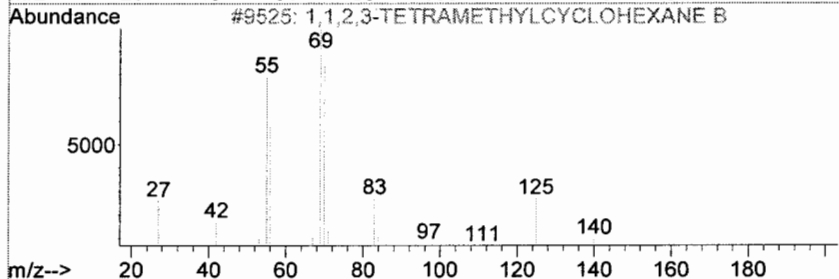
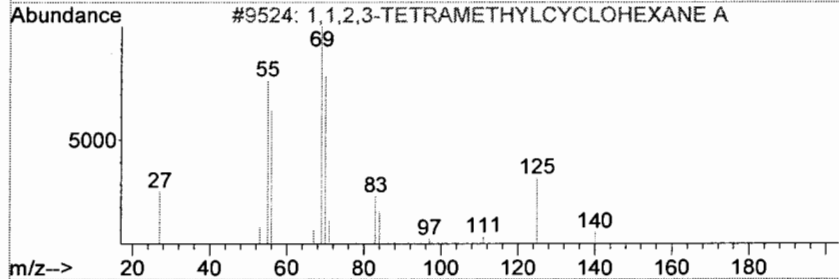
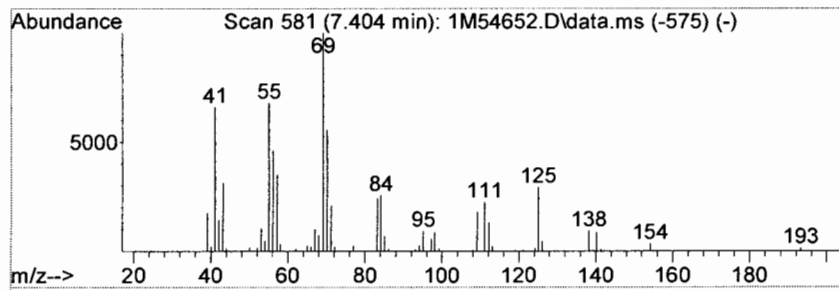
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 3 1,1,2,3-TETRAMETHYLCYCLOHEX... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	44.37 ug/l	497063	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	93
2			1,1,2,3-TETRAMETHYLCYCLOHEXANE B	140	C10H20	071186-28-2	46
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	30
5			1,1,2,3-TETRAMETHYLCYCLOHEXANE	140	C10H20	071186-28-2	92



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

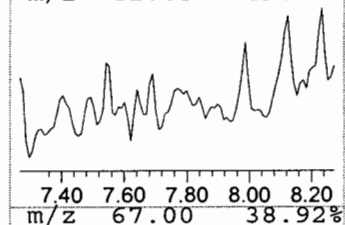
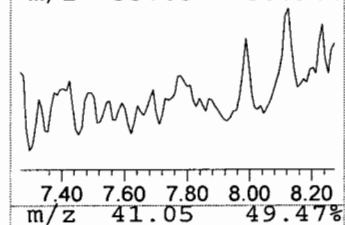
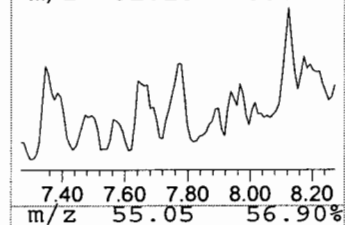
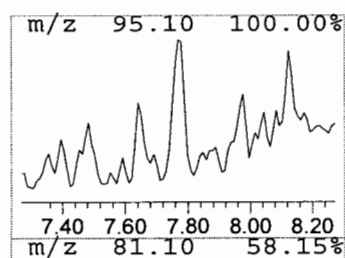
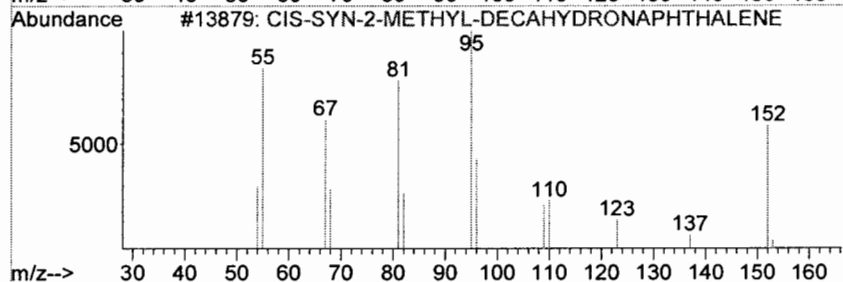
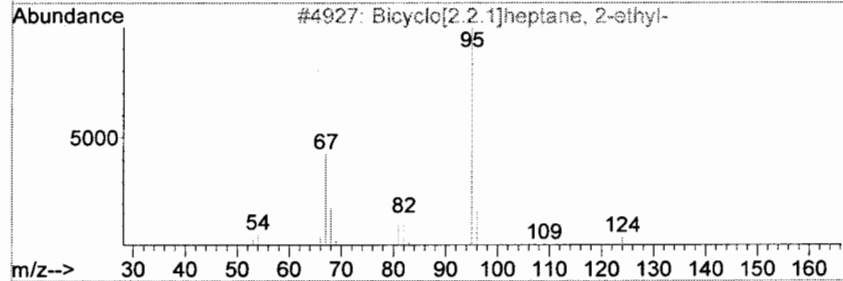
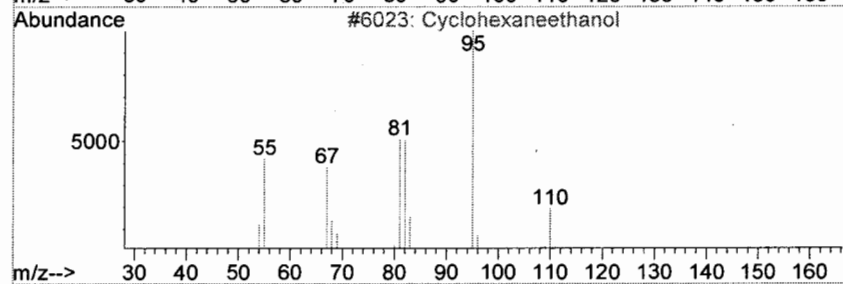
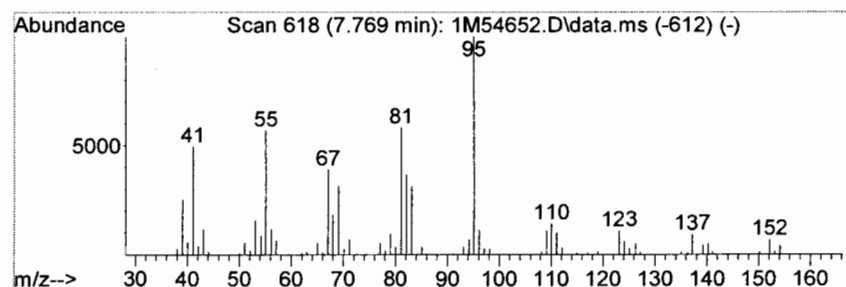
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexaneethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	83.01 ug/l	929859	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexaneethanol	128	C8H16O	004442-79-9	59
2			Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	47
3			CIS-SYN-2-METHYL-DECAHYDRONAPHTH...	152	C11H20	000000-00-0	38
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
5			Norbornane, 2-isobutyl-	152	C11H20	018127-14-5	35



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

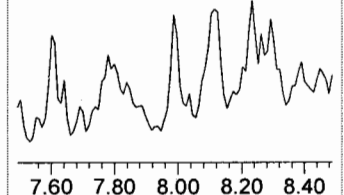
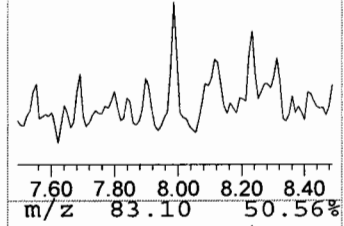
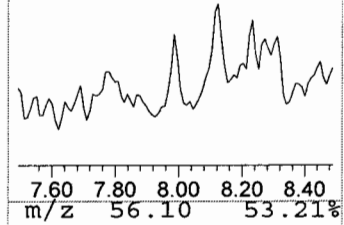
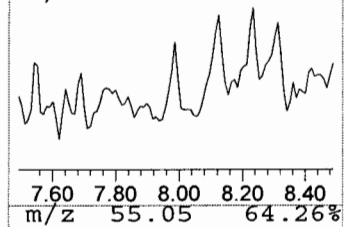
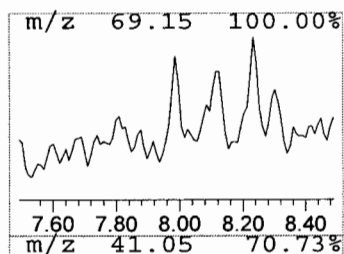
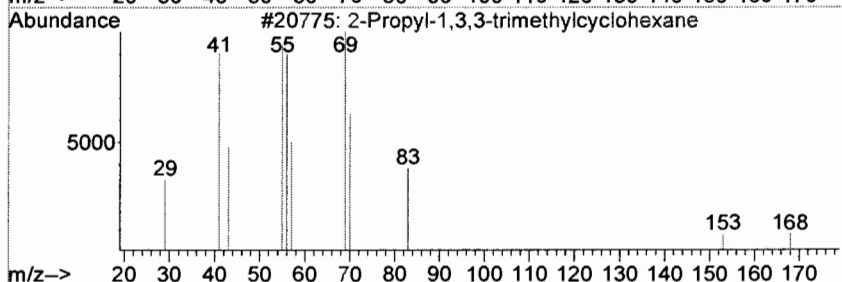
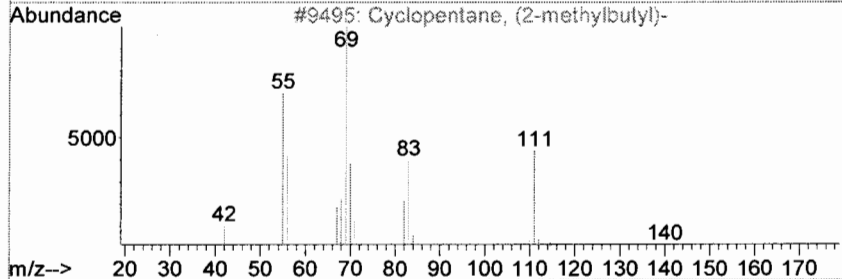
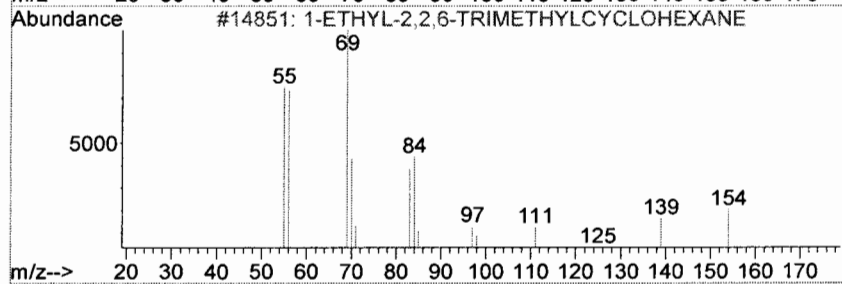
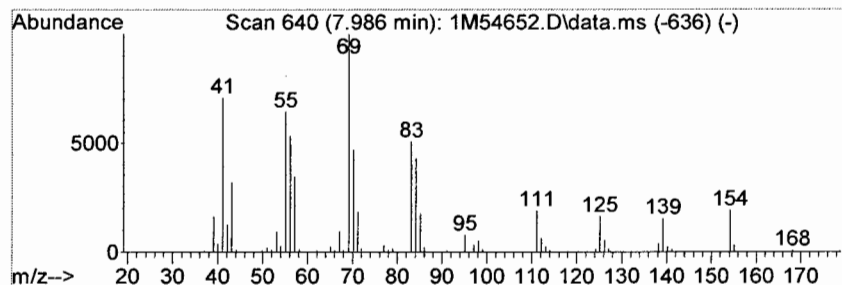
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclopentane, (2-methylbutyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	50.21 ug/l	562438	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	59
2			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
3			2-Propyl-1,3,3-trimethylcyclohexane	168	C12H24	081983-69-9	22
4			4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	47
5			2-Octene, 2,3,7-trimethyl-	154	C11H22	033933-75-4	14



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
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Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

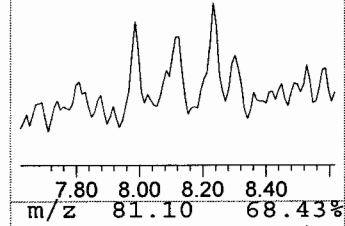
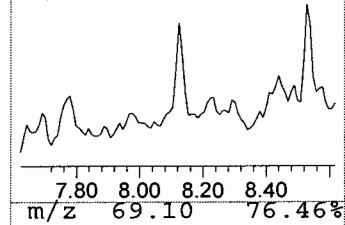
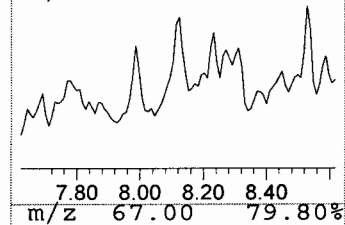
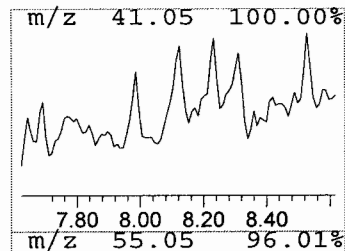
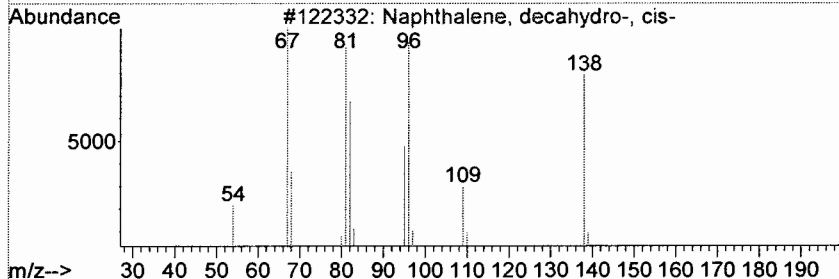
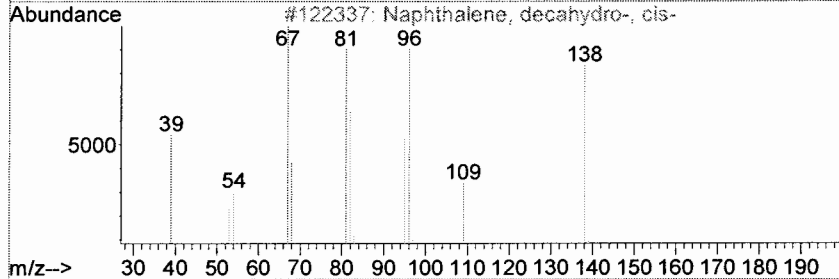
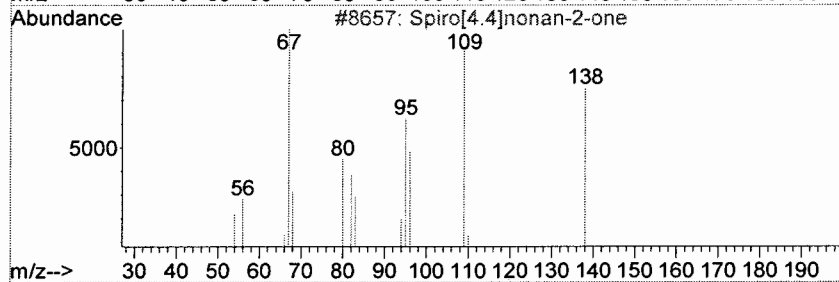
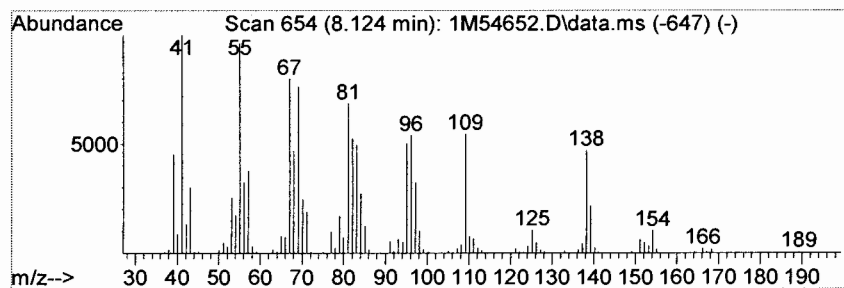
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 6 Spiro[4.4]nonan-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	115.59 ug/l	1294925	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[4.4]nonan-2-one	138	C9H14O	034177-18-9	49
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	46
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	46
4			CITRONELLA	154	C10H18O	000106-23-0	38
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	41



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

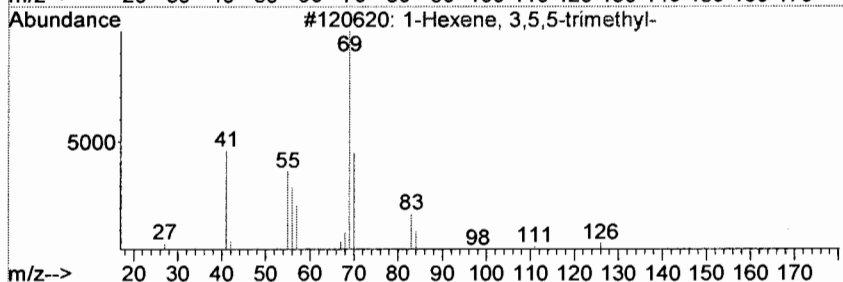
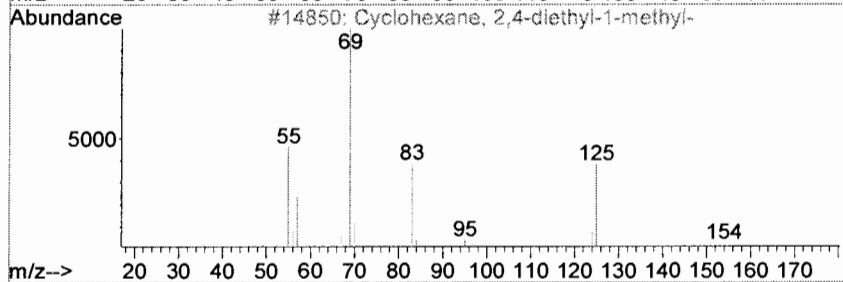
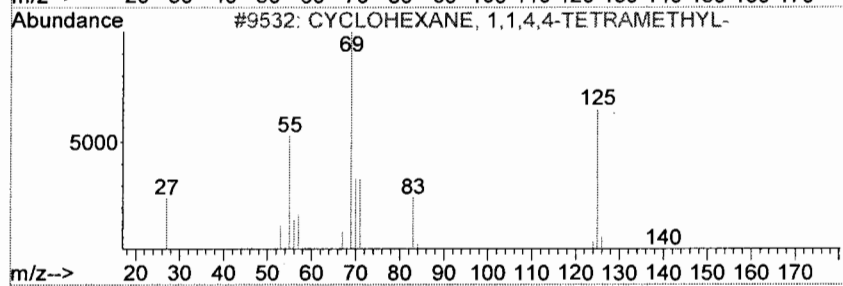
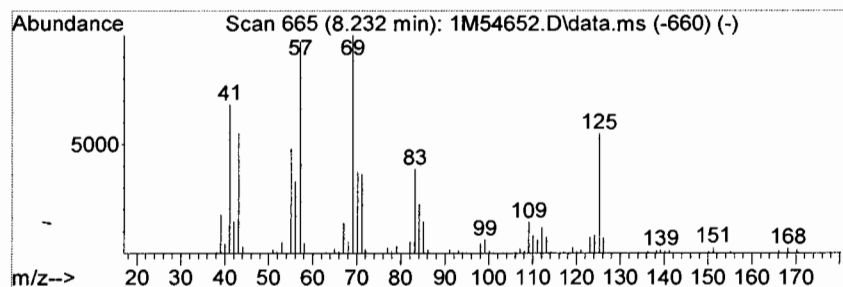
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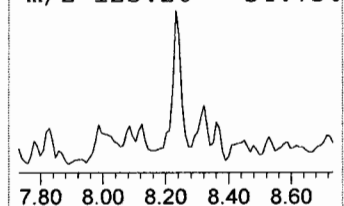
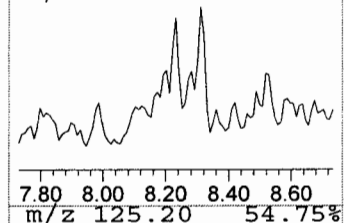
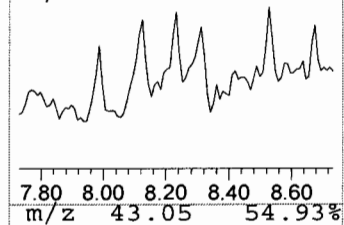
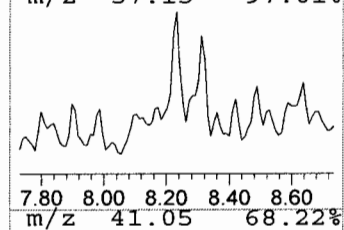
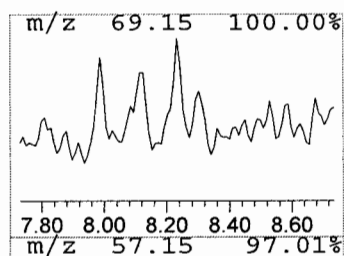
Peak Number 7 Cyclohexane, 2,4-diethyl-1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	75.44 ug/l	845065	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			CYCLOHEXANE, 1,1,4,4-TETRAMETHYL-	140	C10H20	000000-00-0	53
2			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	50
3			1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	10
4			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	35
5			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50



1M_S0223.M Thu Mar 04 11:49:00 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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ALS Vial : 9 Sample Multiplier: 1

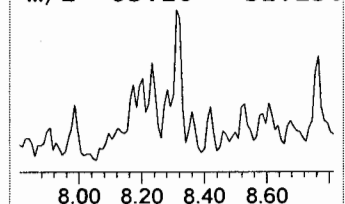
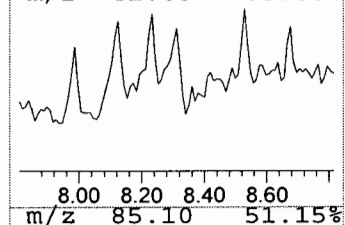
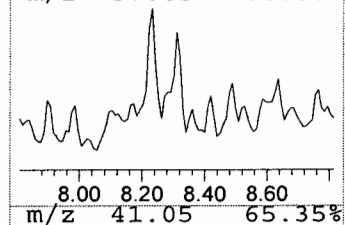
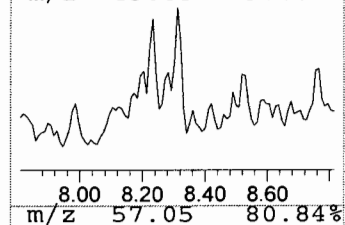
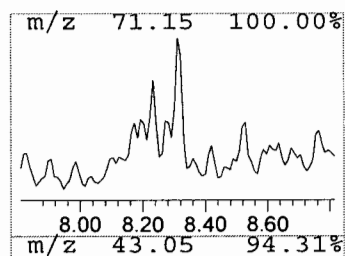
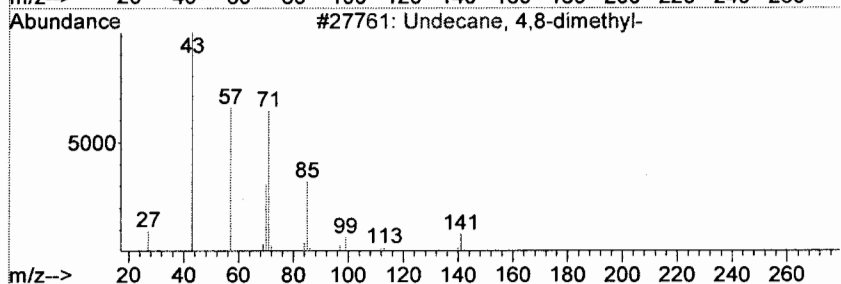
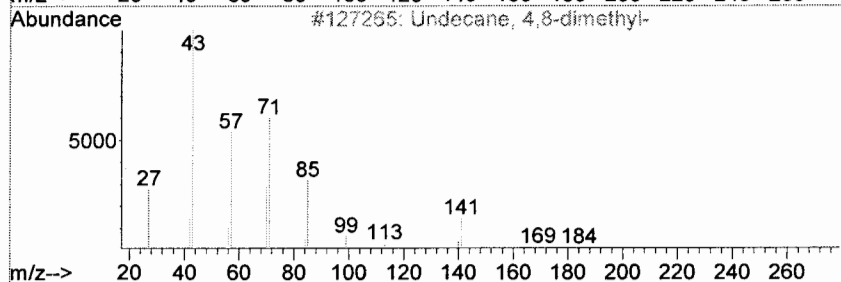
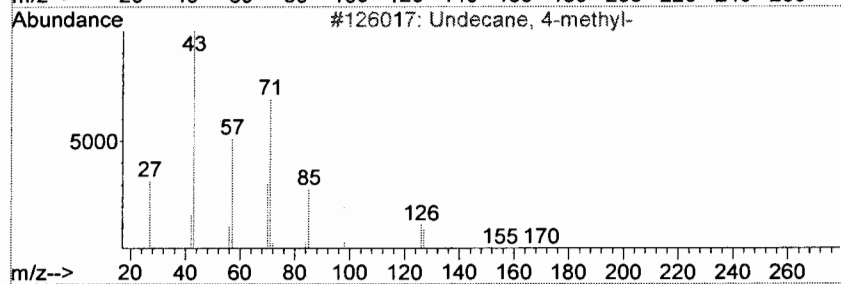
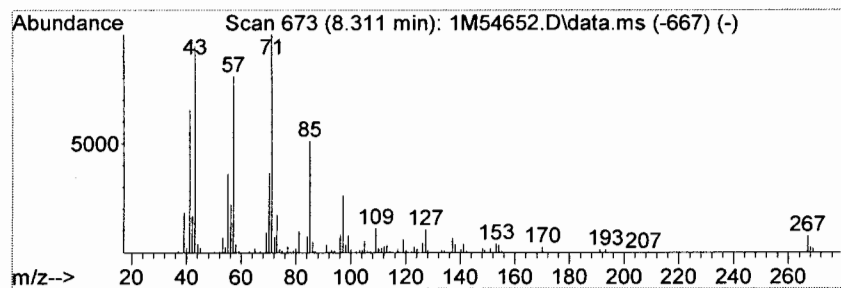
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 8 Undecane, 4,8-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	102.72 ug/l	1150685	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4-methyl-	170	C12H26	002980-69-0	38
2			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	59
5			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
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Operator : WP
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Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

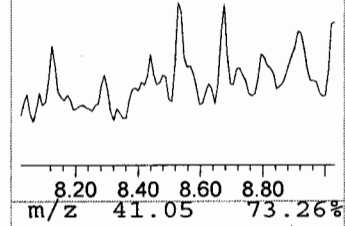
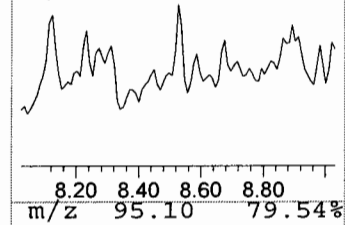
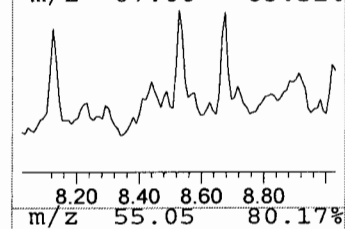
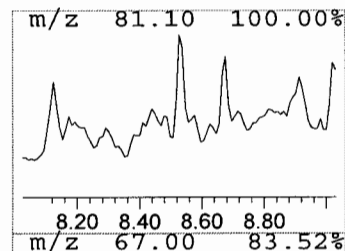
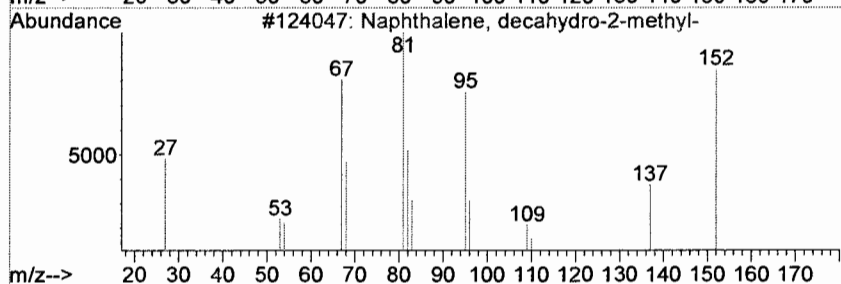
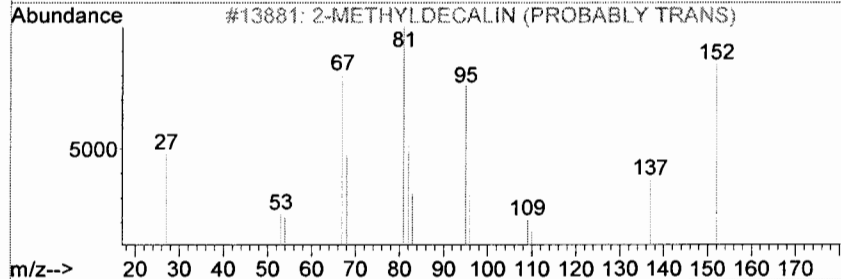
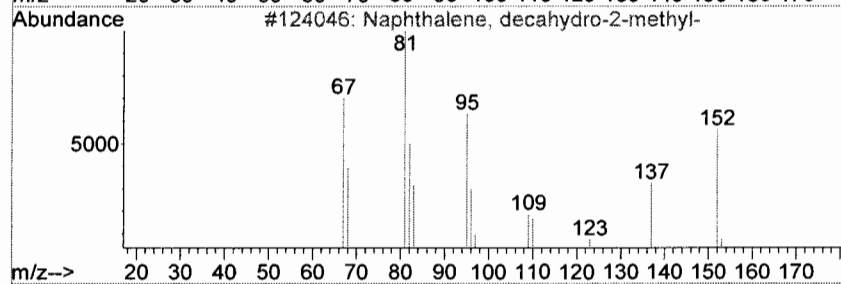
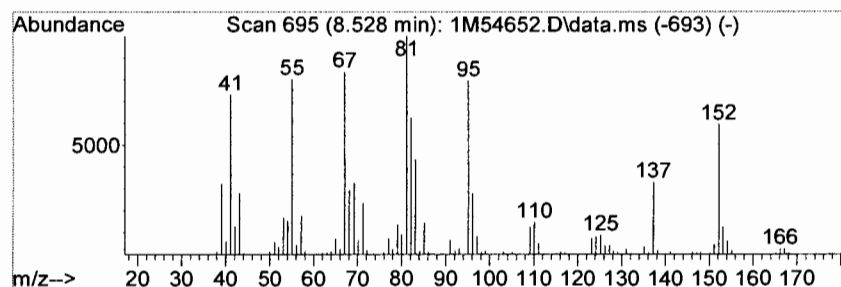
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 9 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	55.66 ug/l	623523	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	50
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
4			(-)-TRANS-CARANON- (3)	152	C10H16O	004176-04-9	53
5			CIS-SYN-2-METHYL-DECAHYDRONAPHTH...	152	C11H20	000000-00-0	46



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

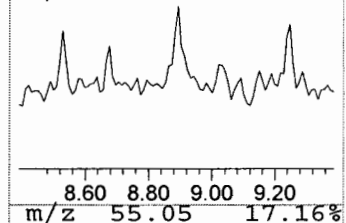
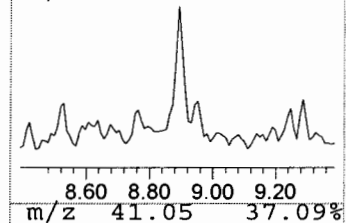
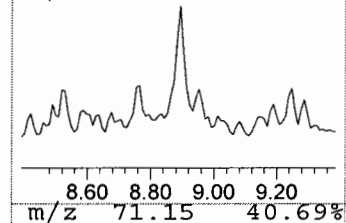
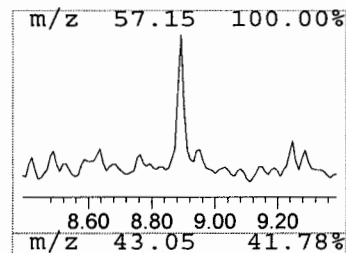
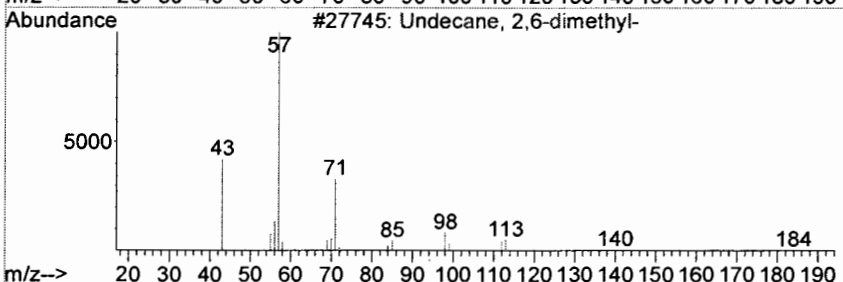
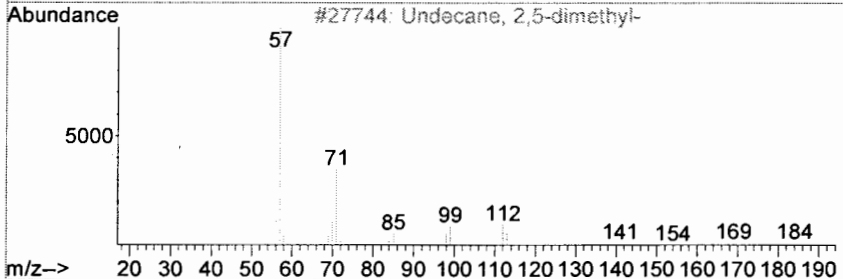
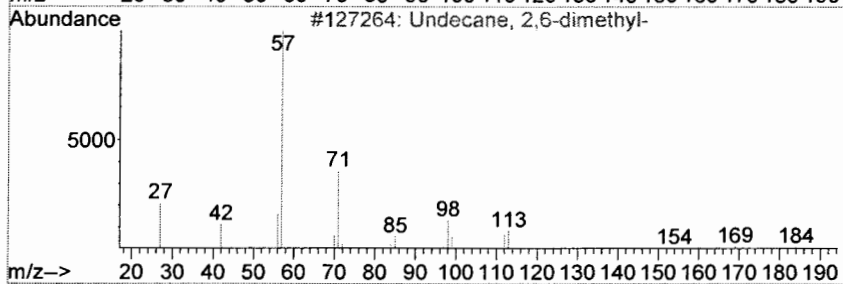
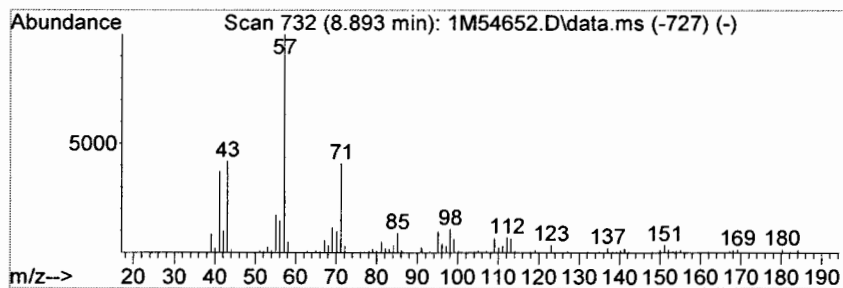
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	104.08 ug/l	1165931	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	94
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
5			Dodecane	170	C12H26	000112-40-3	42



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

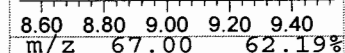
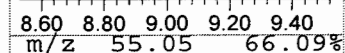
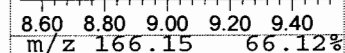
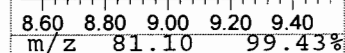
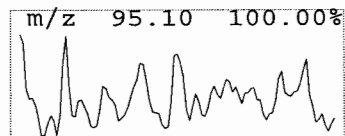
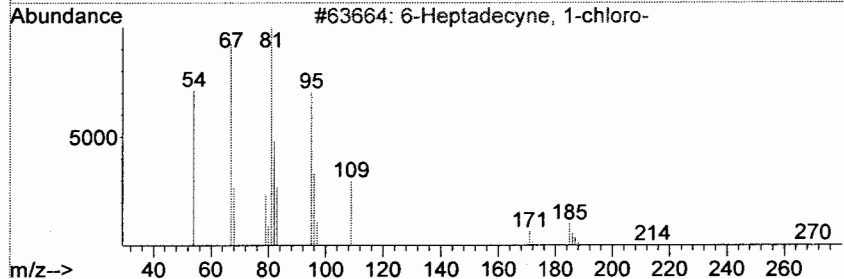
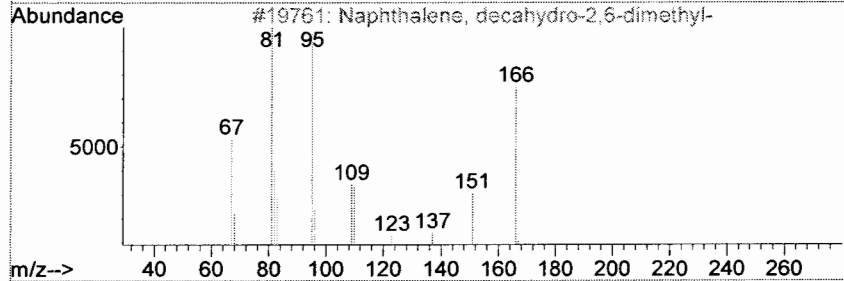
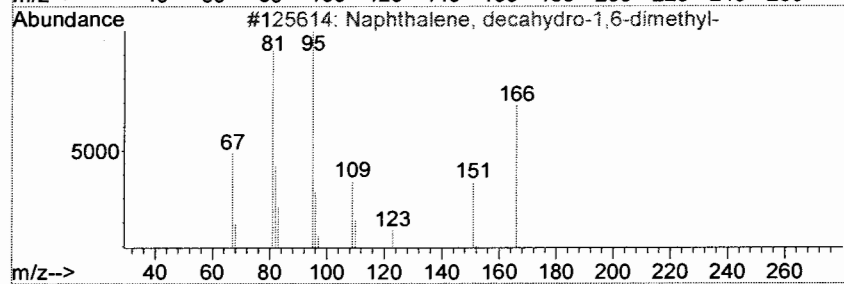
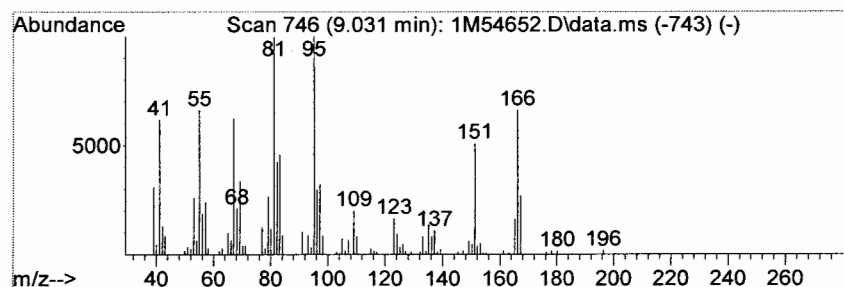
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 Naphthalene, decahydro-1,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	60.28 ug/l	675327	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	64
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	68
3			6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	38
4			9-Eicosyne	278	C20H38	071899-38-2	30
5			9-Octadecyne	250	C18H34	035365-59-4	25



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

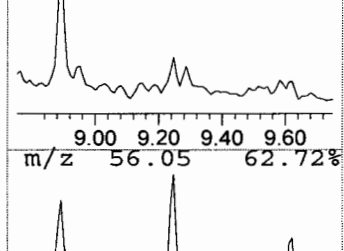
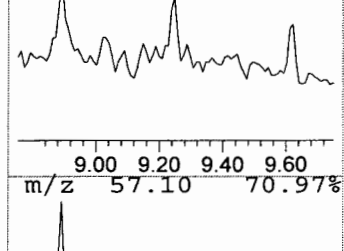
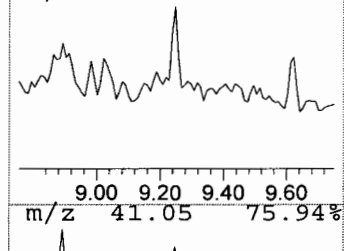
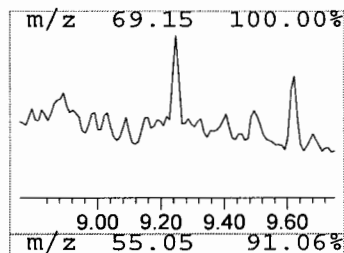
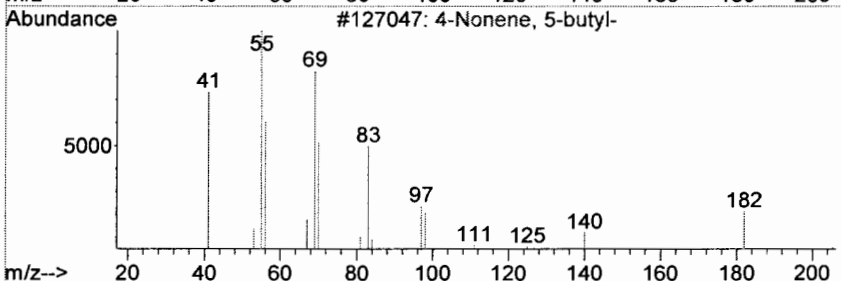
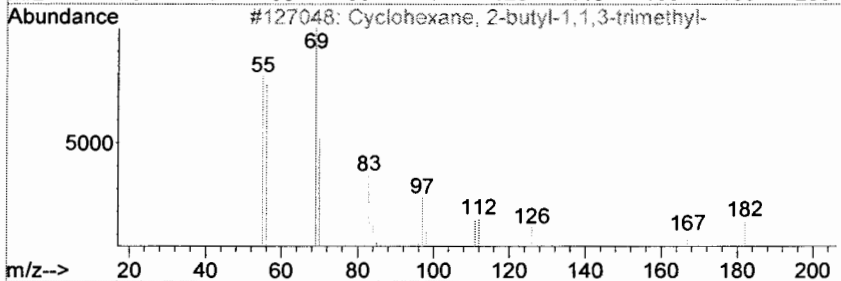
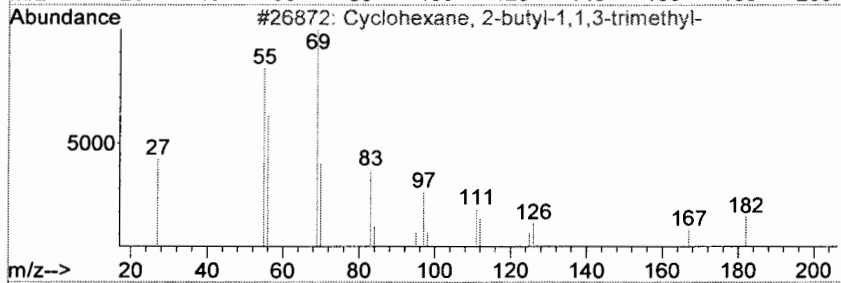
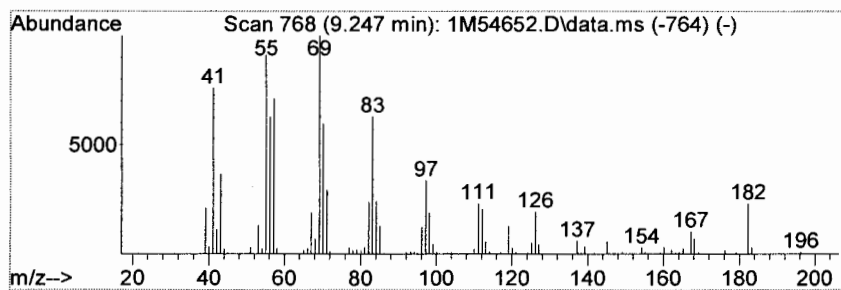
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 12 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	49.79 ug/l	557738	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	58
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	89
3			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	89
4			3-Tetradecene, (E)-	196	C14H28	041446-68-8	72
5			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	52



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 Sample Multiplier: 1

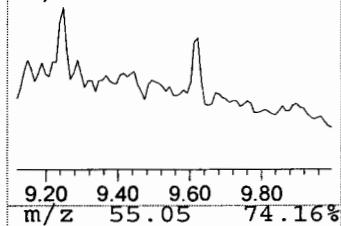
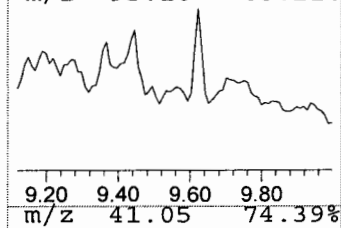
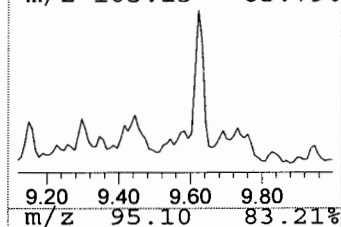
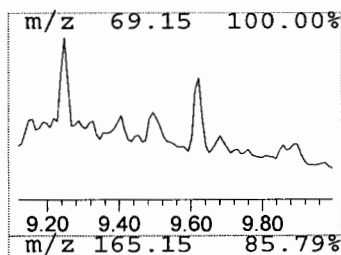
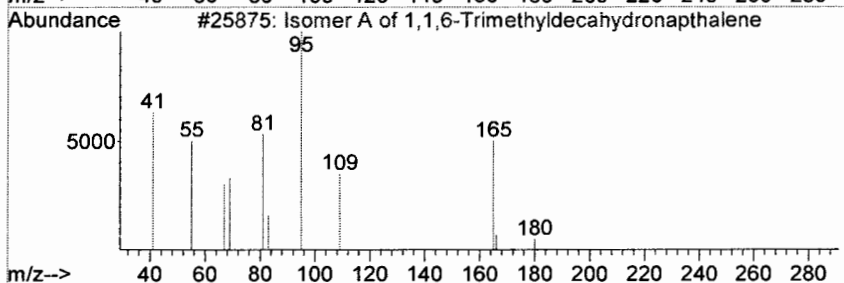
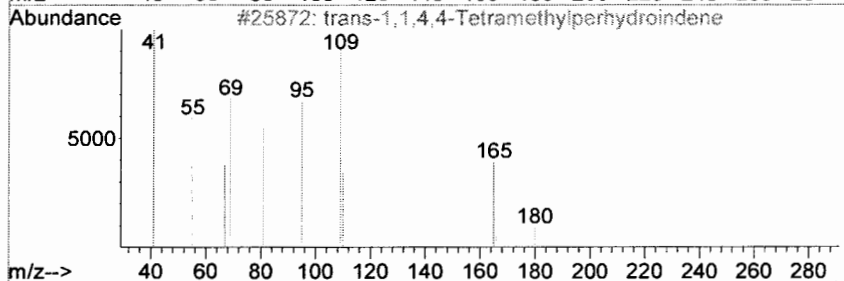
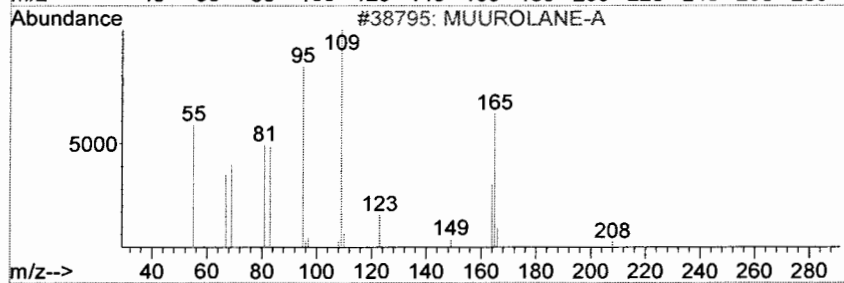
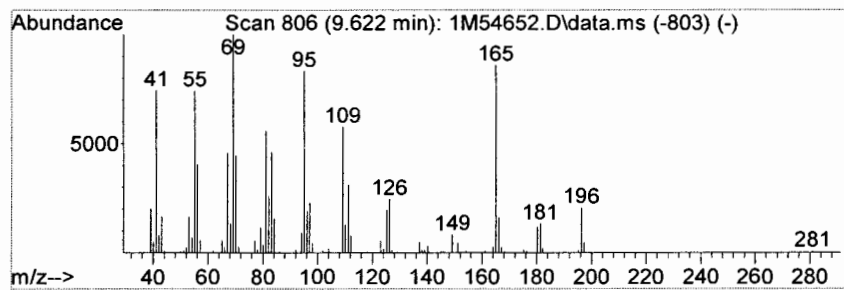
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 13 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	54.13 ug/l	606341	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			MUROLANE-A	208	C15H28	029788-41-8	32
2			trans-1,1,4,4-Tetramethylperhydr...	180	C13H24	085329-80-2	35
3			Isomer A of 1,1,6-Trimethyldecah...	180	C13H24	081983-73-5	22
4			CIS-TETRAHYDROIONOL	198	C13H26O	004361-23-3	25
5			1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	14



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54652.D
Acq On : 1 Mar 2010 11:56
Operator : WP
Sample : AC50034-001
Misc : S,5G!4
ALS Vial : 9 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	6.96	45.8	ug/l	576810	2	6.45	6.45	377430	30.0
1,1,2,3-TETRAMETH...	7.27	39.8	ug/l	446384	3	7.87	7.87	336072	30.0
1,1,2,3-TETRAMETH...	7.40	44.4	ug/l	497063	3	7.87	7.87	336072	30.0
Cyclohexaneethanol	7.77	83.0	ug/l	929859	3	7.87	7.87	336072	30.0
Cyclopentane, (2-...	7.99	50.2	ug/l	562438	3	7.87	7.87	336072	30.0
Spiro[4.4]nonan-2...	8.12	115.6	ug/l	1294925	3	7.87	7.87	336072	30.0
Cyclohexane, 2,4-...	8.23	75.4	ug/l	845065	3	7.87	7.87	336072	30.0
Undecane, 4,8-dim...	8.31	102.7	ug/l	1150685	3	7.87	7.87	336072	30.0
Naphthalene, deca...	8.53	55.7	ug/l	623523	3	7.87	7.87	336072	30.0
Undecane, 2,6-dim...	8.89	104.1	ug/l	1165931	3	7.87	7.87	336072	30.0
Naphthalene, deca...	9.03	60.3	ug/l	675327	3	7.87	7.87	336072	30.0
Cyclohexane, 2-bu...	9.25	49.8	ug/l	557738	3	7.87	7.87	336072	30.0
unknown	9.62	54.1	ug/l	606341	3	7.87	7.87	336072	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-002

Client Id: PI01-TP-RAO1022210S01

Data File: 1M54651.D

Analysis Date: 03/01/10 11:40

Date Rec/Extracted: 02/25/10-NA

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: 76

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0066	U	56-23-5	Carbon Tetrachloride	0.0066	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0066	U	108-90-7	Chlorobenzene	0.0066	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0066	U	75-00-3	Chloroethane	0.0066	U
79-00-5	1,1,2-Trichloroethane	0.0066	U	67-66-3	Chloroform	0.0066	U
75-34-3	1,1-Dichloroethane	0.0066	U	74-87-3	Chloromethane	0.0066	U
75-35-4	1,1-Dichloroethene	0.0066	U	156-59-2	cis-1,2-Dichloroethene	0.0066	U
96-18-4	1,2,3-Trichloropropane	0.0066	U	10061-01-5	cis-1,3-Dichloropropene	0.0066	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	U	124-48-1	Dibromochloromethane	0.0066	U
95-50-1	1,2-Dichlorobenzene	0.0066	U	75-71-8	Dichlorodifluoromethane	0.0066	U
107-06-2	1,2-Dichloroethane	0.0066	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0066	U	98-82-8	Isopropylbenzene	0.0013	U
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0013	U
541-73-1	1,3-Dichlorobenzene	0.0066	U	75-09-2	Methylene Chloride	0.0066	U
142-28-9	1,3-Dichloropropane	0.0066	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0066	U	104-51-8	n-Butylbenzene	0.0013	U
123-91-1	1,4-Dioxane	0.33	U	103-65-1	n-Propylbenzene	0.0013	U
78-93-3	2-Butanone	0.0066	U	95-47-6	o-Xylene	0.0013	U
110-75-8	2-Chloroethylvinylether	0.0066	U	135-98-8	sec-Butylbenzene	0.0013	U
591-78-6	2-Hexanone	0.0066	U	100-42-5	Styrene	0.0066	U
99-87-6	4-Isopropyltoluene	0.0013	0.0039	75-65-0	t-Butyl Alcohol	0.033	U
108-10-1	4-Methyl-2-Pentanone	0.0066	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.033	U	127-18-4	Tetrachloroethene	0.0066	U
107-02-8	Acrolein	0.033	U	108-88-3	Toluene	0.0013	0.0018
107-13-1	Acrylonitrile	0.0066	U	156-60-5	trans-1,2-Dichloroethene	0.0066	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0066	U
75-27-4	Bromodichloromethane	0.0066	U	79-01-6	Trichloroethene	0.0066	U
75-25-2	Bromoform	0.0066	U	75-69-4	Trichlorofluoromethane	0.0066	U
74-83-9	Bromomethane	0.0066	U	75-01-4	Vinyl Chloride	0.0066	U
75-15-0	Carbon Disulfide	0.0066	U	1330-20-7	Xylenes (Total)	0.0013	U

Worksheet #: 144264

Total Target Concentration 0.0057

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-002	Matrix: Soil
Client Id: PI01-TP-RAO1022210S	Initial Vol: 5g
Data File: 1M54651.D	Final Vol: NA
Analysis Date: 03/01/10 11:40	Dilution: 1.00
Date Rec/Extracted: 02/25/10-NA	Solids: 76
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.41	0.016 J
2		unknown	8.53	0.026 J
3	17301-28-9	Undecane, 3,6-dimethyl-	8.89	0.041 J
4		unknown	9.15	0.013 J
5		unknown	9.19	0.015 J
6	41446-63-3	7-Tetradecene, (E)-	9.25	0.014 J
7	74645-98-0	Dodecane, 2,7,10-trimethyl-	9.29	0.017 J
8		unknown	9.42	0.020 J
9		unknown	9.62	0.013 J
10		unknown	9.69	0.015 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.19*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)

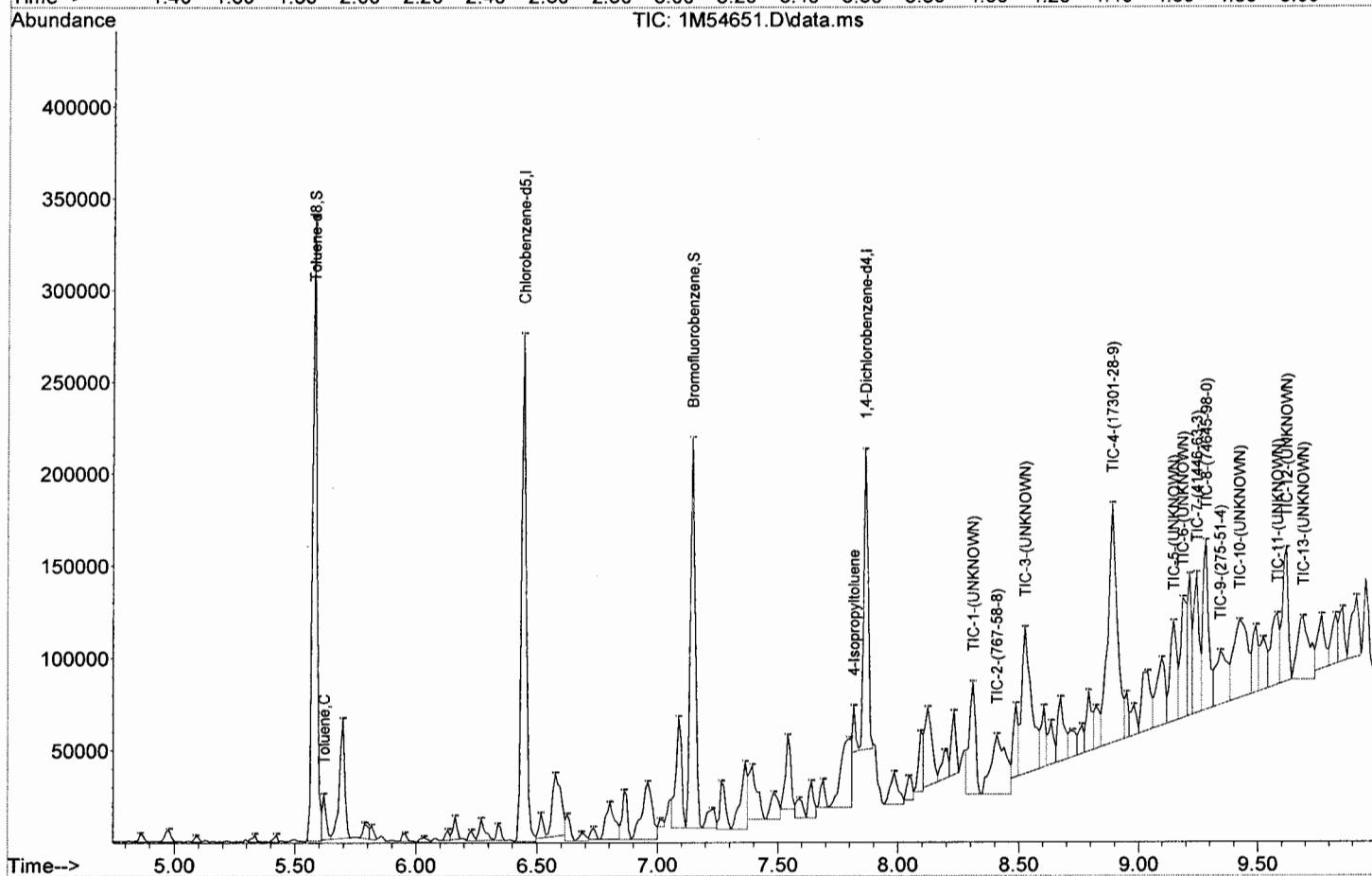
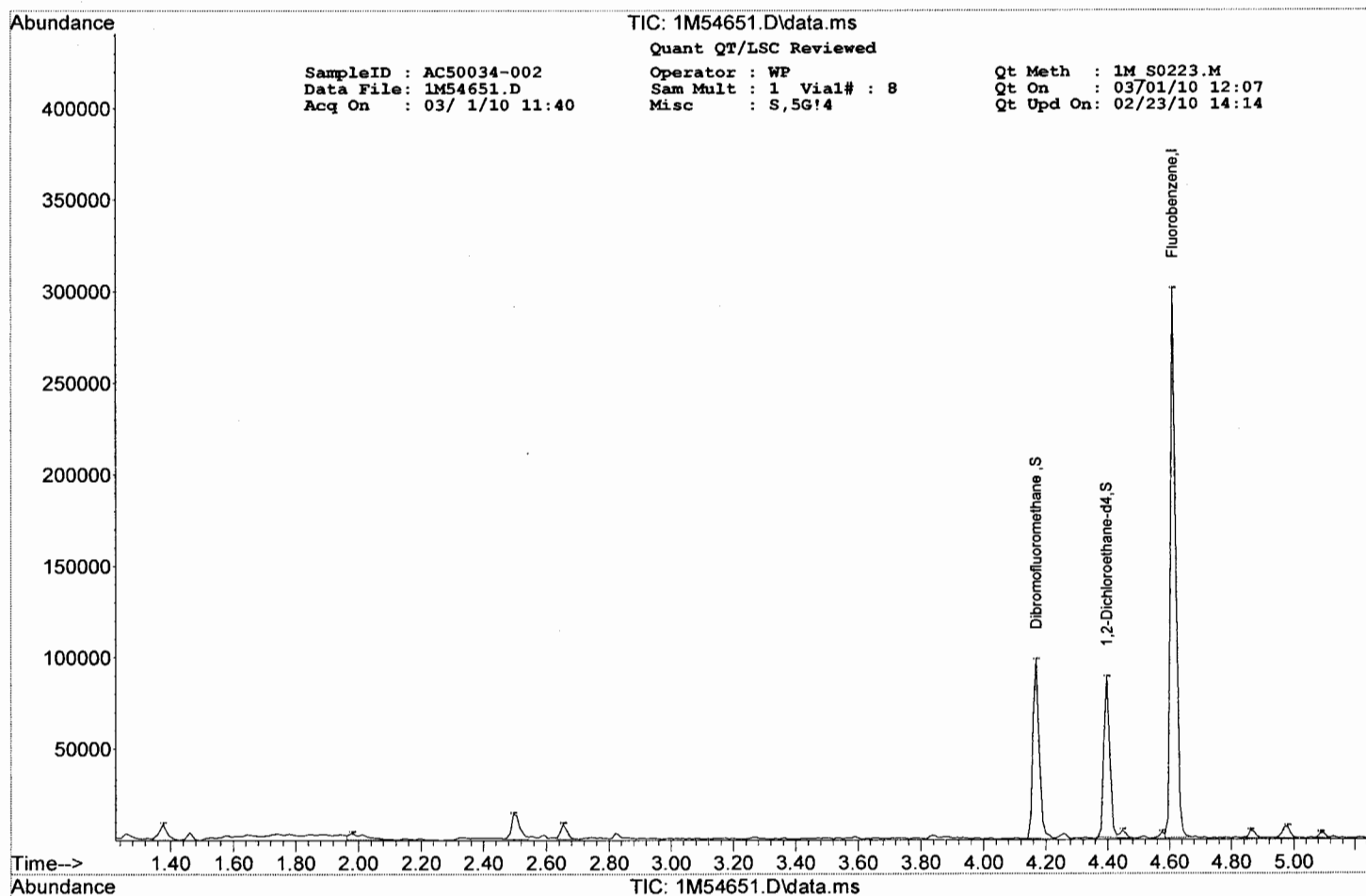
SampleID : AC50034-002 Operator : WP Qt Meth : 1M S0223.M
 Data File: 1M54651.D Sam Mult : 1 Vial# : 8 Qt On : 03/01/10 12:07
 Acq On : 03/ 1/10 11:40 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

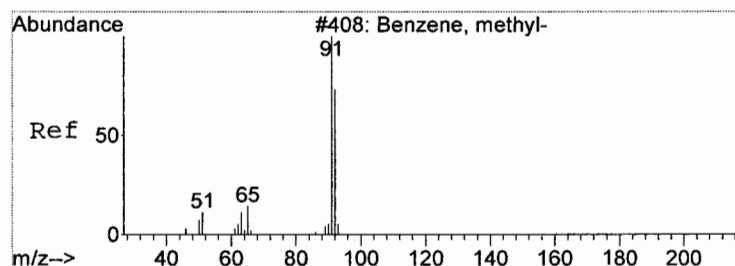
Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.615	96	135532	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	100643	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	41368	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	39820	32.63	ug/l	0.00
Spiked Amount 30.000			Recovery	=	108.77%	
35) 1,2-Dichloroethane-d4	4.398	102	7327	33.12	ug/l	0.00
Spiked Amount 30.000			Recovery	=	110.40%	
59) Toluene-d8	5.581	100	86518	28.64	ug/l	0.00
Spiked Amount 30.000			Recovery	=	95.47%	
67) Bromofluorobenzene	7.148	174	42212	34.41	ug/l	0.00
Spiked Amount 30.000			Recovery	=	114.70%	
Target Compounds						
60) Toluene	5.620	92	4907	1.39	ug/l	99
87) 4-Isopropyltoluene	7.818	119	14361	2.99	ug/l	79
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.615		368049	30.00	ug/l	--
2) Chlorobenzene-d5	6.448		370729	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.867		340553	30.00	ug/l	--
Library Search Compounds						
1) UNKNOWN	8.310		104715	9.22	ug/l	--
2) 767-58-8	8.410		140642	12.39	ug/l	49
3) UNKNOWN	8.530		223875	19.72	ug/l	--
4) 17301-28-9	8.890		351747	30.99	ug/l	50
5) UNKNOWN	9.150		110565	9.74	ug/l	--
6) UNKNOWN	9.190		132866	11.70	ug/l	--
7) 41446-63-3	9.250		121363	10.69	ug/l	53
8) 74645-98-0	9.290		150541	13.26	ug/l	64
9) 275-51-4	9.350		97366	8.58	ug/l	49
10) UNKNOWN	9.420		173296	15.27	ug/l	--
11) UNKNOWN	9.580		93337	8.22	ug/l	--
12) UNKNOWN	9.620		116389	10.25	ug/l	--
13) UNKNOWN	9.690		125444	11.05	ug/l	--

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

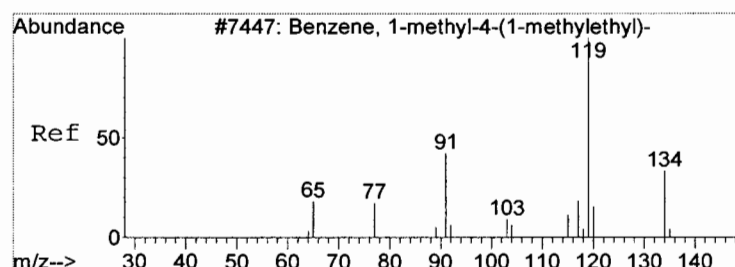
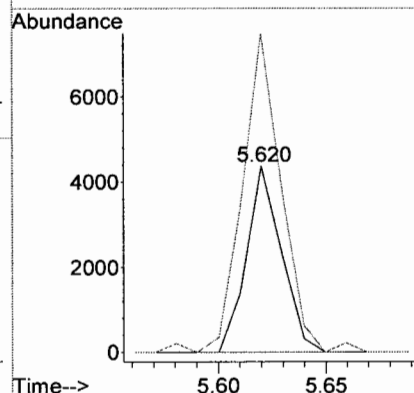
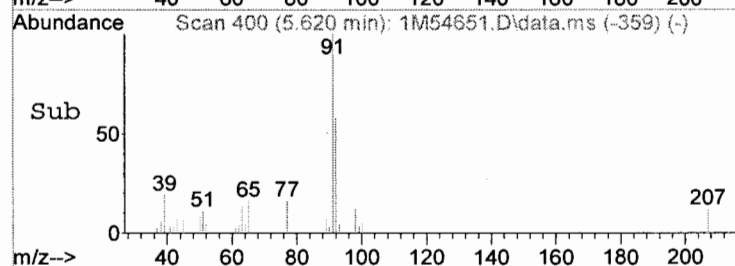
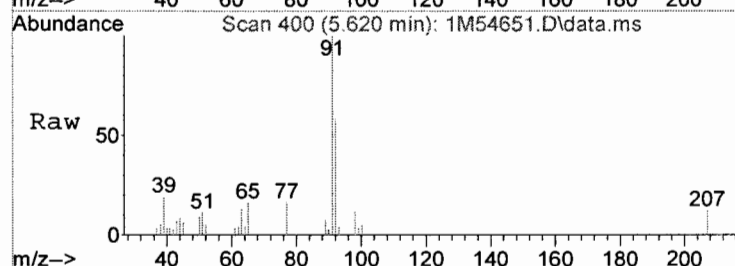
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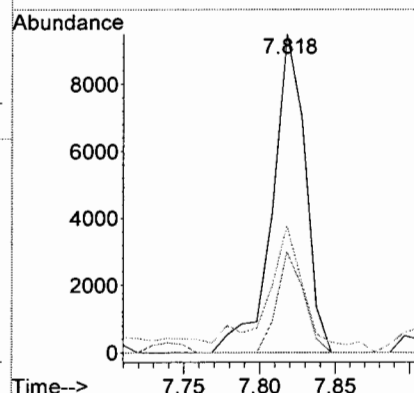
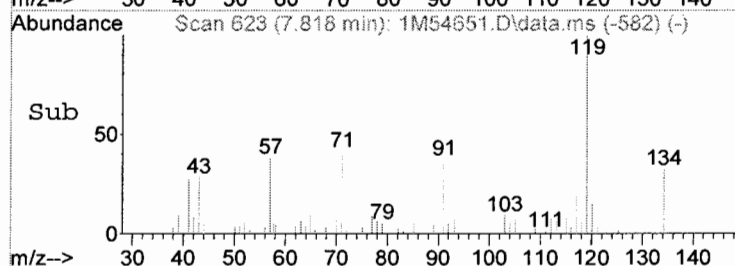
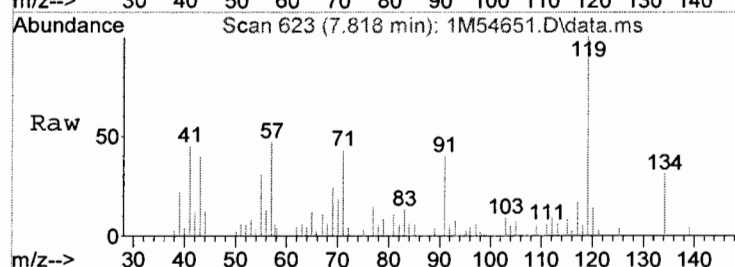
#60
Toluene
Concen: 1.39 ug/l
RT: 5.620 min Scan# 400
Delta R.T. 0.001 min
Lab File: 1M54651.D
Acq: 1 Mar 2010 11:40

Tgt Ion: 92 Resp: 4907
Ion Ratio Lower Upper
92 100
91 171.7 104.1 242.9



#87
4-Isopropyltoluene
Concen: 2.99 ug/l
RT: 7.818 min Scan# 623
Delta R.T. 0.001 min
Lab File: 1M54651.D
Acq: 1 Mar 2010 11:40

Tgt Ion: 119 Resp: 14361
Ion Ratio Lower Upper
119 100
134 25.8 0.0 66.7
91 46.6 0.0 66.3



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54651.D
 Acq On : 1 Mar 2010 11:40
 Operator : WP
 Sample : AC50034-002
 Misc : S,5G!4
 ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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: 1M54651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.377	8	10	13	rVB2	8431	15150	3.55%	0.238%
2	1.980	45	46	54	rVB3	3475	12645	2.96%	0.199%
3	2.496	80	83	88	rBV	13404	25182	5.89%	0.396%
4	2.653	97	99	104	rVB	8013	11563	2.71%	0.182%
5	4.171	250	253	259	rBV	97426	139201	32.59%	2.188%
6	4.398	273	276	279	rBV	87365	114347	26.77%	1.798%
7	4.447	279	281	284	rVB	4202	5637	1.32%	0.089%
8	4.575	290	294	295	rBV	3452	4555	1.07%	0.072%
9	4.615	295	298	304	rVB	299599	359454	84.14%	5.651%
10	4.861	320	323	327	rBV2	4111	6614	1.55%	0.104%
11	4.979	331	335	338	rBV2	6143	10690	2.50%	0.168%
12	5.088	344	346	349	rVB	2716	4204	0.98%	0.066%
13	5.334	368	371	374	rVB3	3669	4703	1.10%	0.074%
14	5.423	377	380	381	rBV2	3826	4423	1.04%	0.070%
15	5.581	393	396	399	rBV	338149	427186	100.00%	6.716%
16	5.620	399	400	403	rVV	24128	23781	5.57%	0.374%
17	5.699	403	408	411	rVB	64243	98609	23.08%	1.550%
18	5.788	415	417	419	rBV	7562	13491	3.16%	0.212%
19	5.817	419	420	422	rVV	7302	6712	1.57%	0.106%
20	5.955	432	434	436	rBV2	4036	5639	1.32%	0.089%
21	6.034	439	442	445	rBV2	2393	5377	1.26%	0.085%
22	6.133	449	452	453	rBV2	5533	6784	1.59%	0.107%
23	6.162	453	455	457	rVB	12042	13738	3.22%	0.216%
24	6.231	460	462	464	rBV	5076	6999	1.64%	0.110%
25	6.270	464	466	471	rVV5	11357	18992	4.45%	0.299%
26	6.339	471	473	476	rVB	8428	11086	2.60%	0.174%
27	6.448	480	484	489	rBV	275132	370729	86.78%	5.828%
28	6.517	489	491	493	rVV	13209	16440	3.85%	0.258%
29	6.576	493	497	501	rVV5	34022	86262	20.19%	1.356%
30	6.625	501	502	505	rVB2	13856	16598	3.89%	0.261%
31	6.684	505	508	511	rBV3	4154	8273	1.94%	0.130%
32	6.734	511	513	516	rVB3	6187	8643	2.02%	0.136%
33	6.803	516	520	524	rBV4	19665	53414	12.50%	0.840%
34	6.862	524	526	529	rVB	26310	39314	9.20%	0.618%
35	6.960	529	536	540	rBV5	30937	96845	22.67%	1.522%

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54651.D
 Acq On : 1 Mar 2010 11:40
 Operator : WP
 Sample : AC50034-002
 Misc : S,5G!4
 ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	7.010	540	541	543	rBV2	3741	6001	1.40%	0.094%
37	7.089	546	549	552	rVB	59705	97289	22.77%	1.529%
38	7.148	552	555	559	rVB	211254	297088	69.55%	4.670%
39	7.227	559	563	565	rBV5	10026	25703	6.02%	0.404%
40	7.266	565	567	571	rVB3	25516	40927	9.58%	0.643%
41	7.364	571	577	578	rBV3	36213	74700	17.49%	1.174%
42	7.394	578	580	586	rVB5	28933	63928	14.96%	1.005%
43	7.483	586	589	592	rBV4	14147	33249	7.78%	0.523%
44	7.542	592	595	598	rBV2	39787	63096	14.77%	0.992%
45	7.591	598	600	603	rVB4	10243	19297	4.52%	0.303%
46	7.640	603	605	607	rBV3	19689	29797	6.98%	0.468%
47	7.690	607	610	612	rVB4	14572	19629	4.59%	0.309%
48	7.798	612	621	622	rBV5	37131	120200	28.14%	1.890%
49	7.818	622	623	625	rVV	23696	19426	4.55%	0.305%
50	7.867	625	628	631	rVV	161668	202219	47.34%	3.179%
51	7.985	636	640	644	rBV6	17258	39603	9.27%	0.623%
52	8.045	644	646	648	rBV3	12590	20785	4.87%	0.327%
53	8.094	648	651	652	rVV2	32426	47046	11.01%	0.740%
54	8.123	652	654	658	rVV4	41521	85107	19.92%	1.338%
55	8.192	658	661	663	rVV3	14545	31837	7.45%	0.501%
56	8.232	663	665	667	rVB	33072	42210	9.88%	0.664%
57	8.311	670	673	676	rVB3	60518	104715	24.51%	1.646%
58	8.409	676	683	689	rBV8	32080	140642	32.92%	2.211%
59	8.488	689	691	692	rVV	40146	55293	12.94%	0.869%
60	8.527	692	695	701	rVV5	79614	223875	52.41%	3.520%
61	8.606	701	703	704	rVV	33392	43255	10.13%	0.680%
62	8.636	704	706	708	rVV2	23644	37909	8.87%	0.596%
63	8.675	708	710	713	rVV3	34799	66001	15.45%	1.038%
64	8.725	713	715	717	rVV3	14649	31316	7.33%	0.492%
65	8.764	717	719	720	rVV	15824	23270	5.45%	0.366%
66	8.794	720	722	724	rVV3	32787	55228	12.93%	0.868%
67	8.823	724	725	727	rVV2	22727	36372	8.51%	0.572%
68	8.892	727	732	737	rVV4	129934	351747	82.34%	5.530%
69	8.951	737	738	739	rVV	24481	22301	5.22%	0.351%
70	8.981	739	741	743	rVV3	16509	26055	6.10%	0.410%
71	9.040	743	747	749	rVV4	32305	88281	20.67%	1.388%
72	9.099	749	753	755	rVV3	36814	92418	21.63%	1.453%
73	9.148	755	758	760	rVV3	54050	110565	25.88%	1.738%
74	9.188	760	762	764	rVV3	64837	132866	31.10%	2.089%
75	9.217	764	765	766	rVV	76009	72101	16.88%	1.133%

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 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

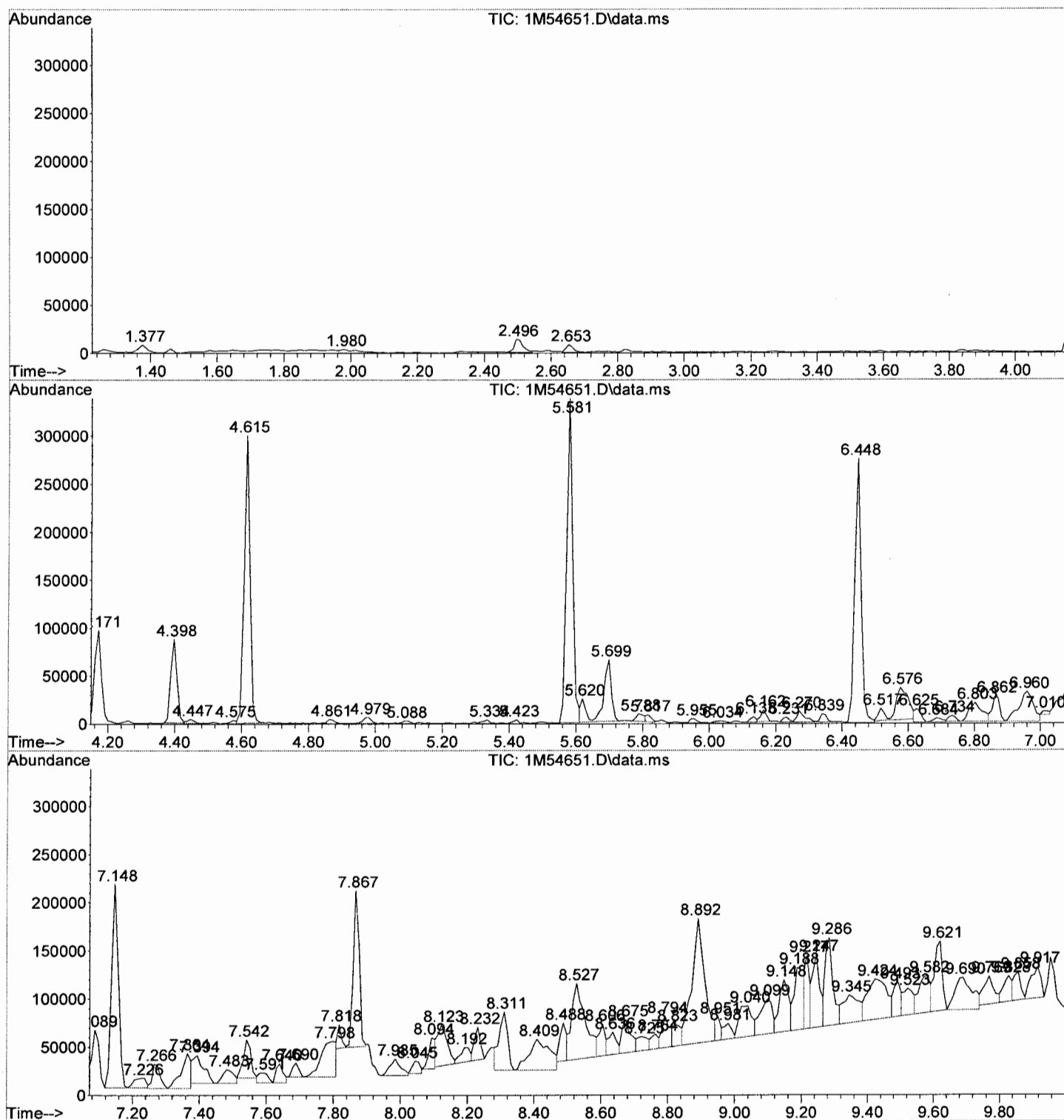
76	9.247	766	768	770	rVV2	75500	121363	28.41%	1.908%
77	9.286	770	772	775	rVV	90950	150541	35.24%	2.367%
78	9.345	775	778	782	rVV4	28187	97366	22.79%	1.531%
79	9.424	782	786	791	rVV7	40933	173296	40.57%	2.724%
80	9.493	791	793	794	rVV2	35645	54444	12.74%	0.856%
81	9.523	794	796	798	rVV2	27358	57297	13.41%	0.901%
82	9.582	798	802	803	rVV3	38106	93337	21.85%	1.467%
83	9.621	803	806	808	rVV3	71602	116389	27.25%	1.830%
84	9.690	808	813	818	rVV8	33631	125444	29.37%	1.972%
85	9.769	818	821	824	rVV5	28024	62906	14.73%	0.989%
86	9.828	824	827	828	rVV3	26336	49810	11.66%	0.783%
87	9.858	828	830	832	rVV3	28114	41154	9.63%	0.647%
88	9.917	832	836	838	rVV4	32052	71014	16.62%	1.116%

Sum of corrected areas: 6360988

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

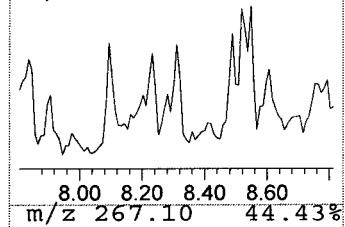
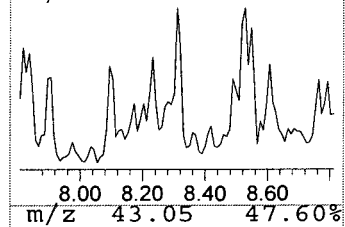
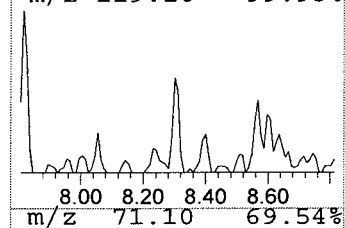
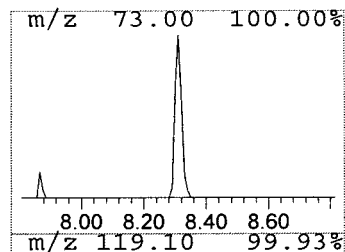
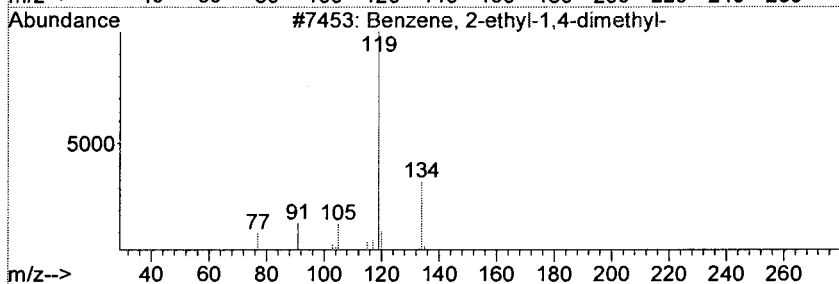
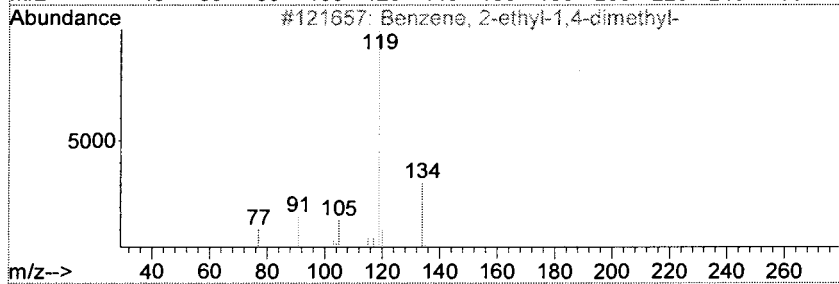
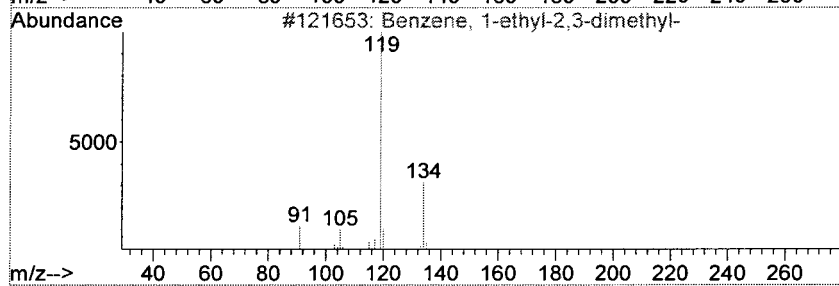
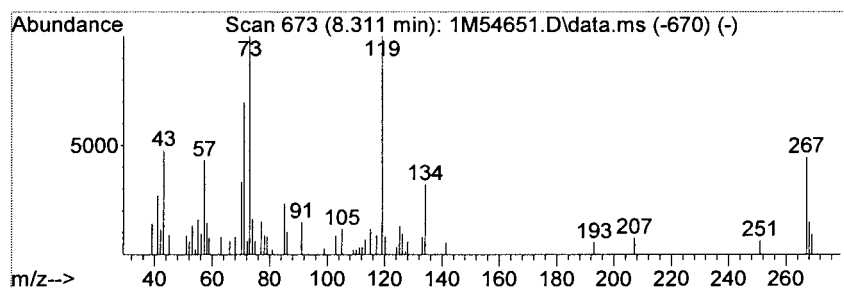
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 1 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	9.22 ug/l	104715	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	30
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

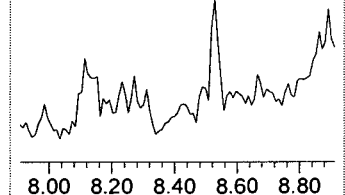
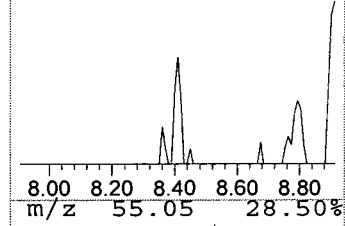
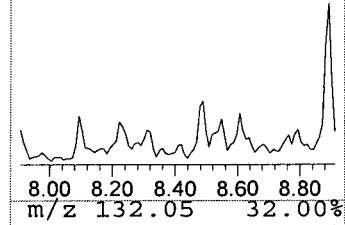
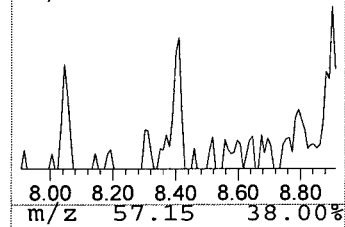
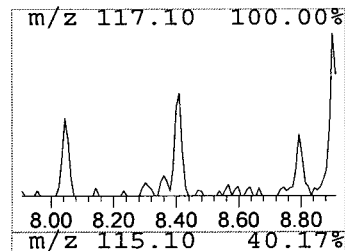
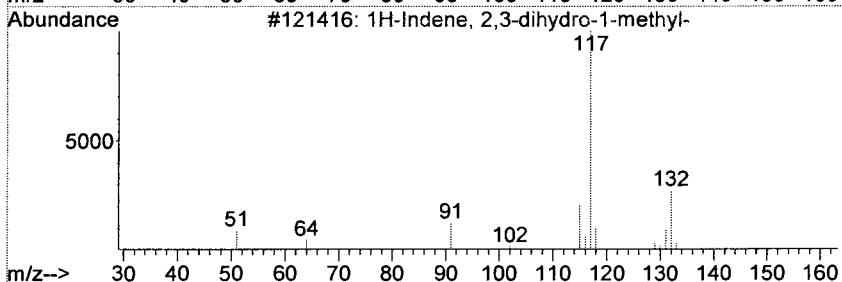
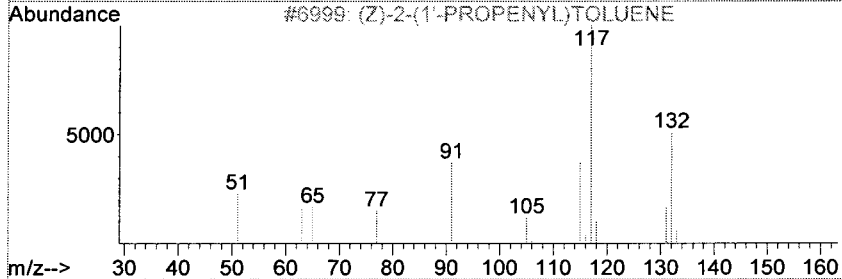
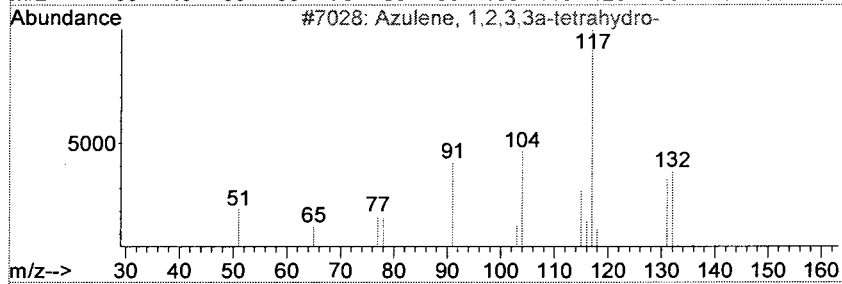
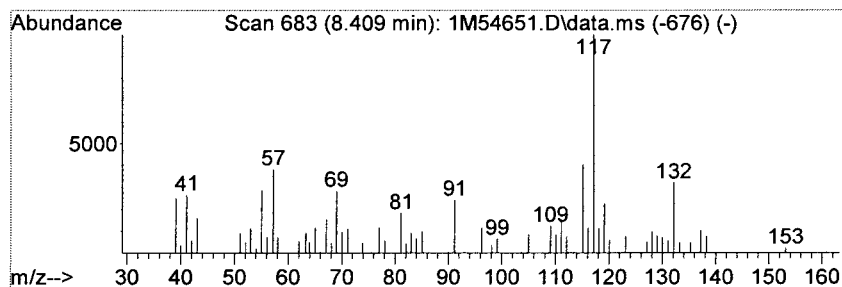
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	12.39 ug/l	140642	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	27
2	(Z)-2-(1'-PROPENYL)TOLUENE	132	C10H12	002077-33-0	30
3	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	49
4	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	38
5	2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	38



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

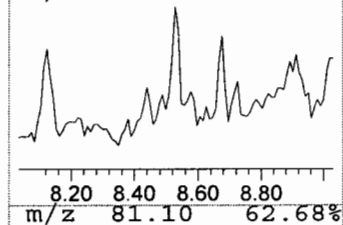
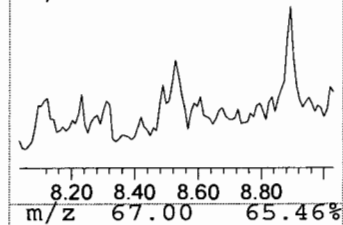
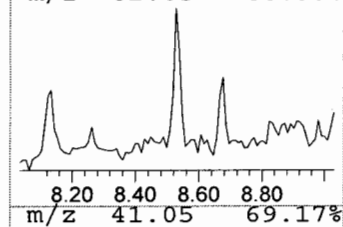
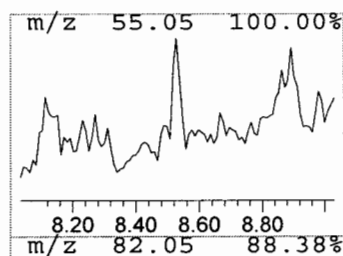
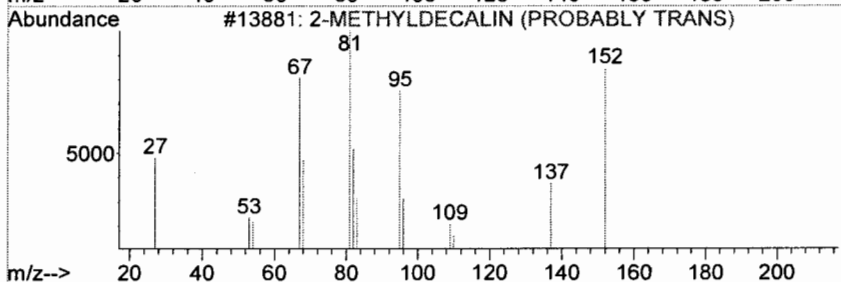
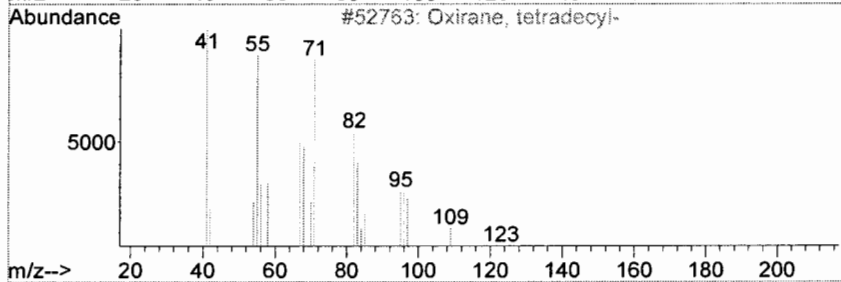
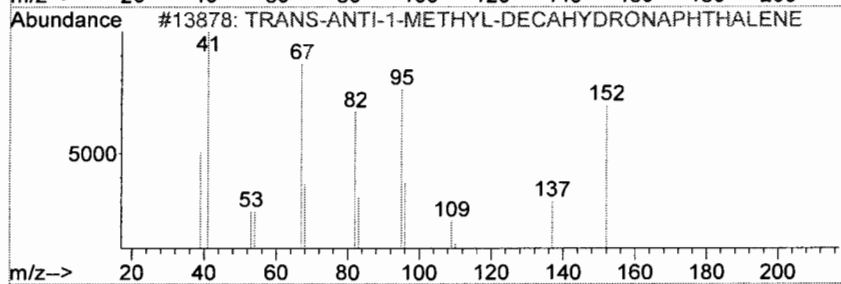
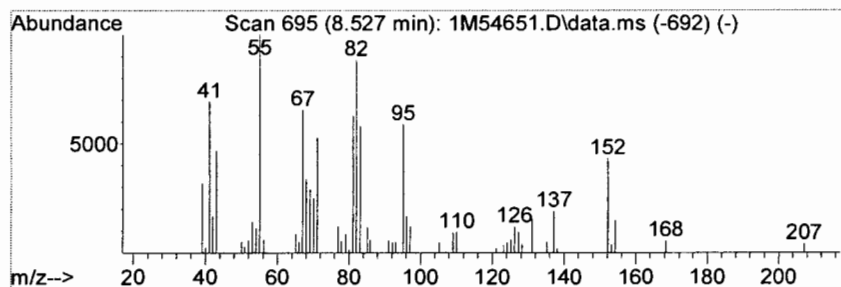
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 3 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	19.72 ug/l	223875	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			TRANS-ANTI-1-METHYL-DECAHYDRONAP...	152	C11H20	000000-00-0	25
2			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	22
3			2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	25
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	25
5			Cyclohexanone, 2,2,5,5-tetrameth...	166	C11H18O	035505-97-6	35



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

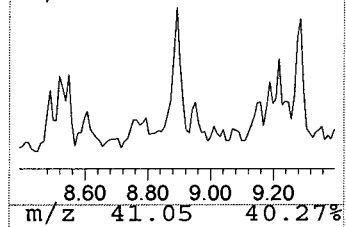
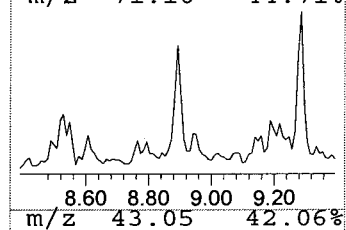
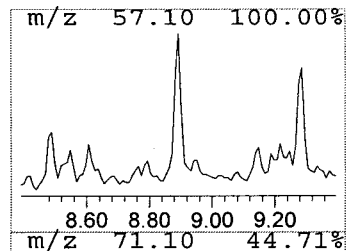
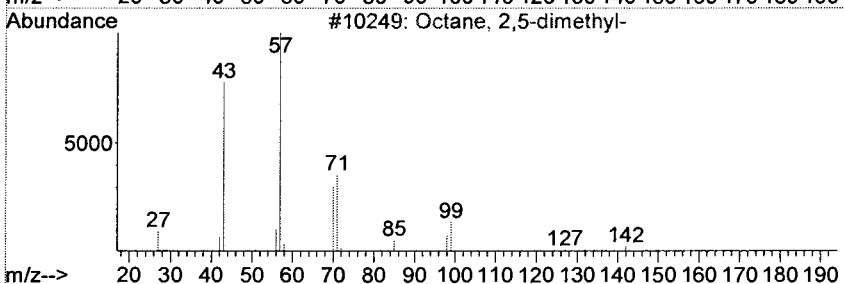
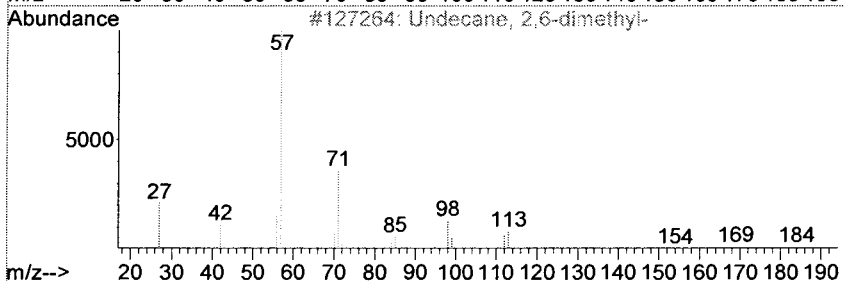
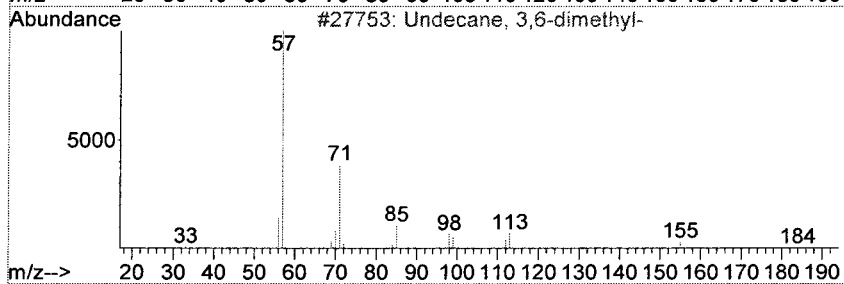
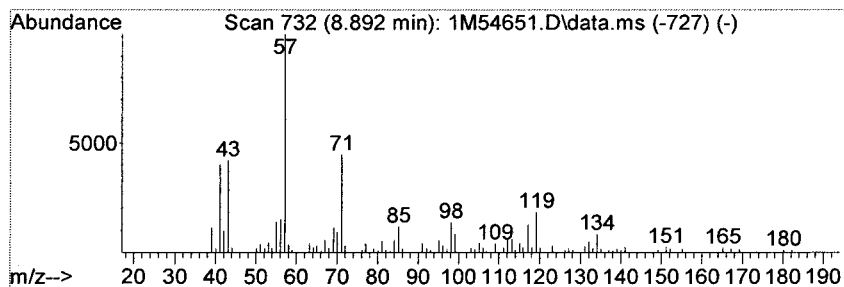
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	30.99 ug/l	351747	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	50	
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38	
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50	
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	47	
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43	



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

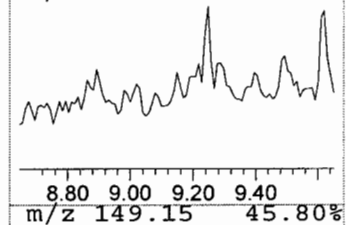
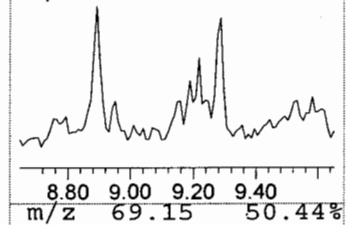
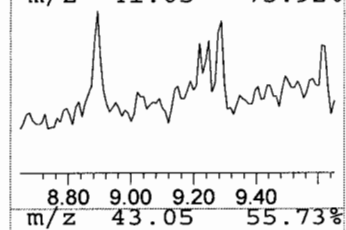
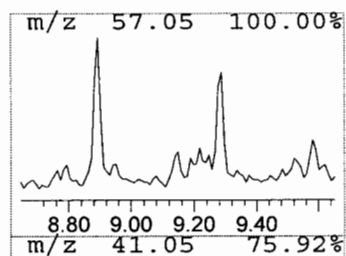
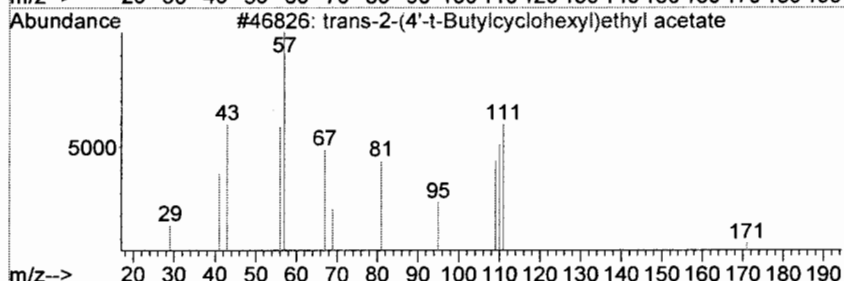
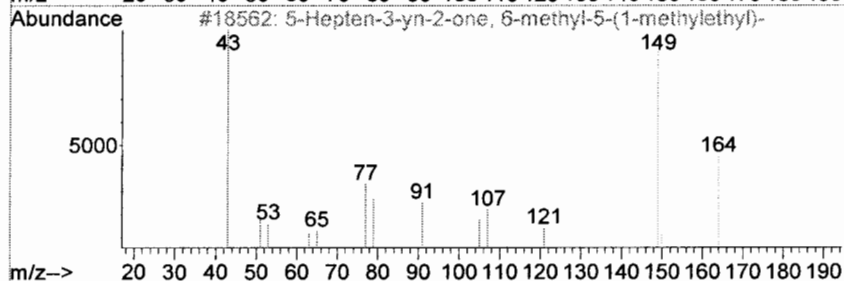
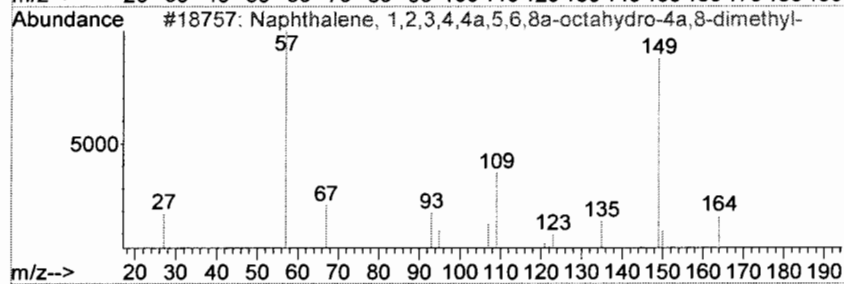
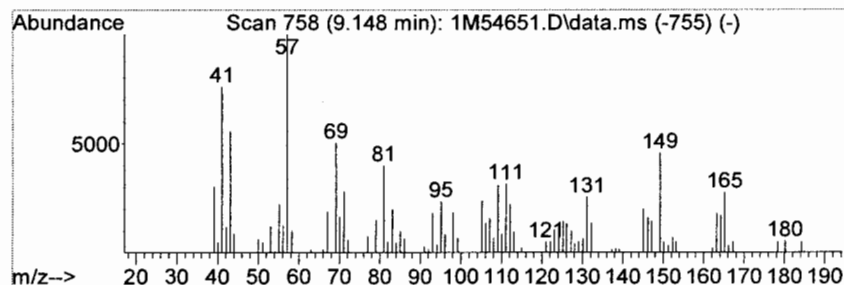
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 5 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	9.74 ug/l	110565	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	164	C12H20	055976-09-5	11
2			5-Hepten-3-yn-2-one, 6-methyl-5-...	164	C11H16O	063922-42-9	11
3			trans-2-(4'-t-Butylcyclohexyl)et...	226	C14H26O2	088166-16-9	9
4			Propanoic acid, 2,2-dimethyl-, 2...	248	C16H24O2	054644-42-7	7
5			7-Octenal, 3,7-dimethyl-	154	C10H18O	000141-26-4	7



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

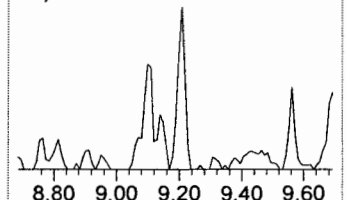
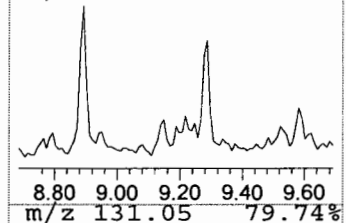
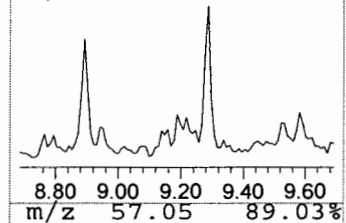
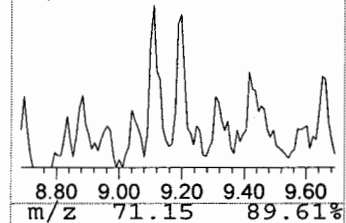
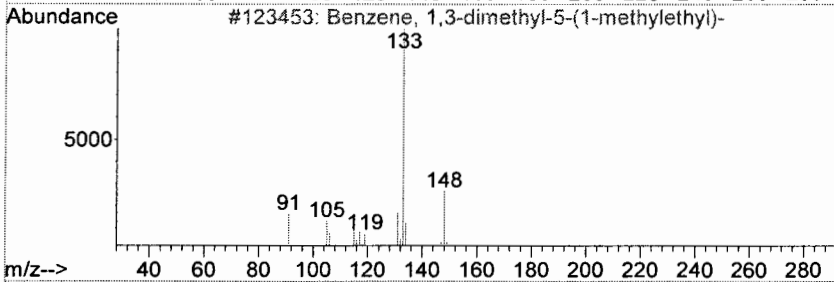
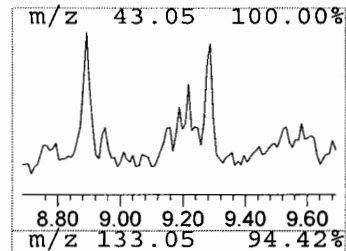
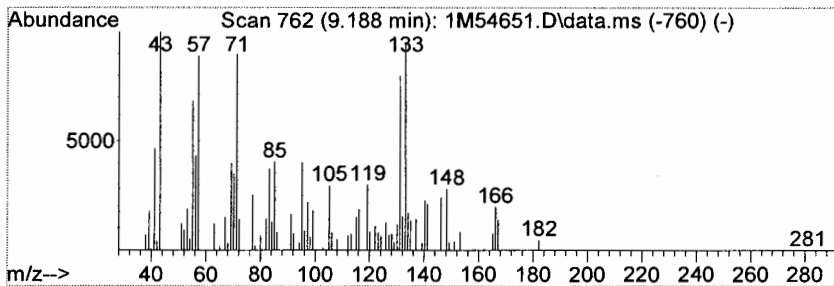
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 6 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	11.70 ug/l	132866	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	11
2			[(E,E,10S)-10,11-Epoxy-3,7,11-tr...	280	C17H28O3	093861-36-0	14
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	11
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	14
5			Nonadecane	268	C19H40	000629-92-5	10



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

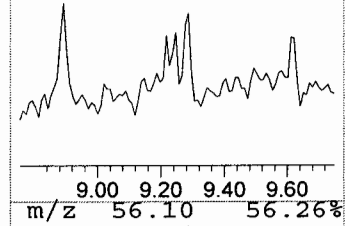
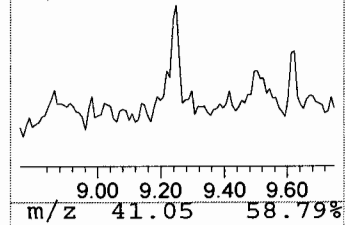
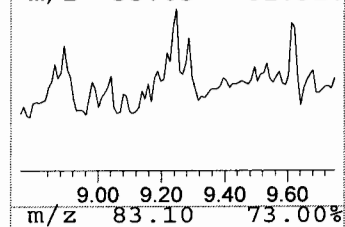
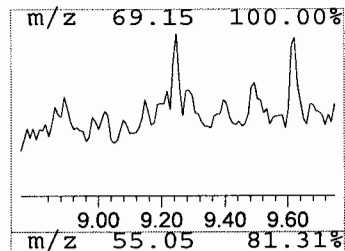
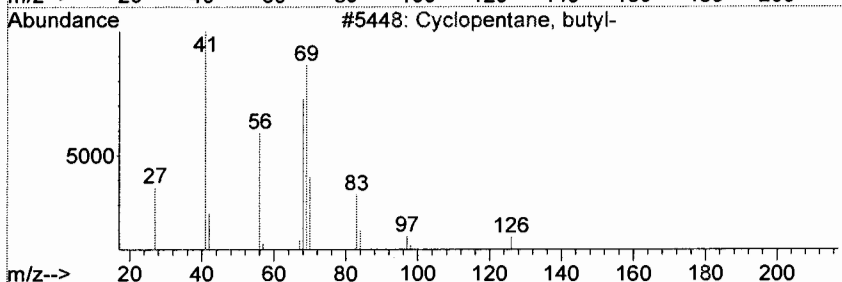
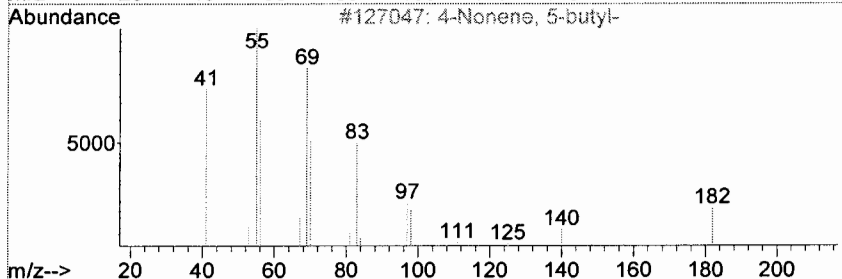
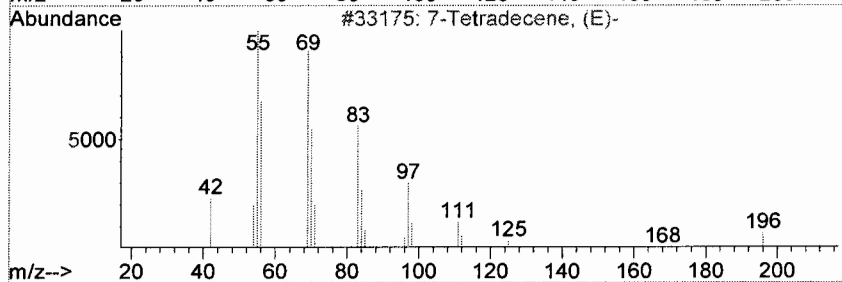
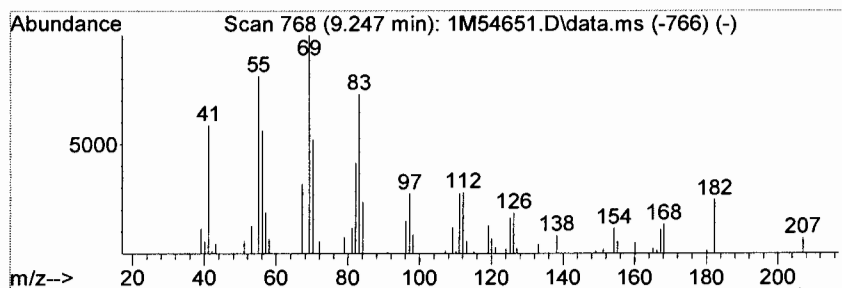
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 7 7-Tetradecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	10.69 ug/l	121363	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Tetradecene, (E)-	196	C14H28	041446-63-3	53
2			4-Nonene, 5-butyl-	182	C13H26	007367-38-6	45
3			Cyclopentane, butyl-	126	C9H18	002040-95-1	52
4			3-HEPTENE, 2-METHYL-	112	C8H16	000000-00-0	49
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	49



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

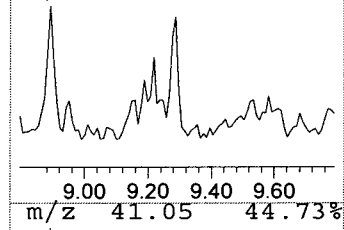
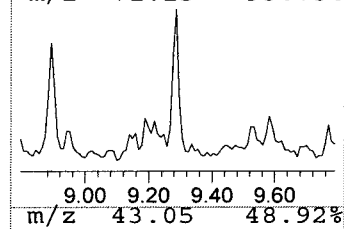
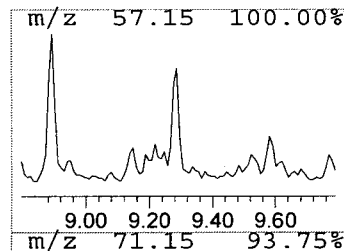
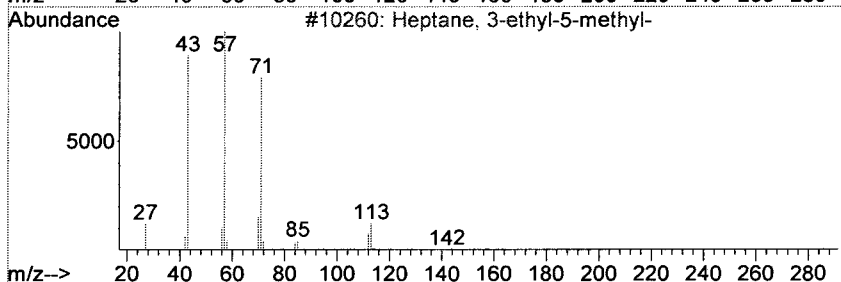
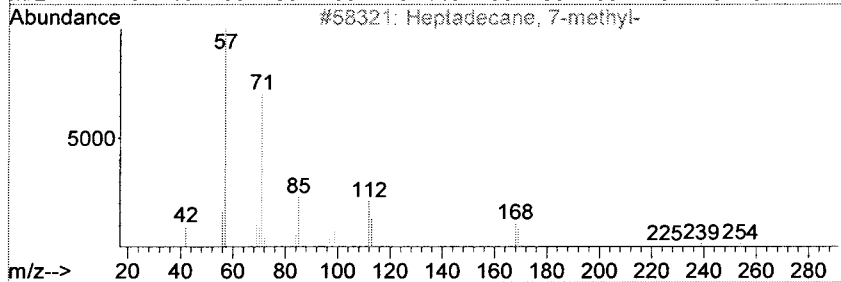
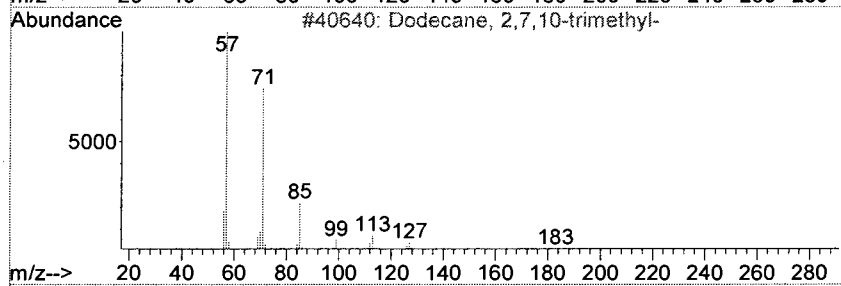
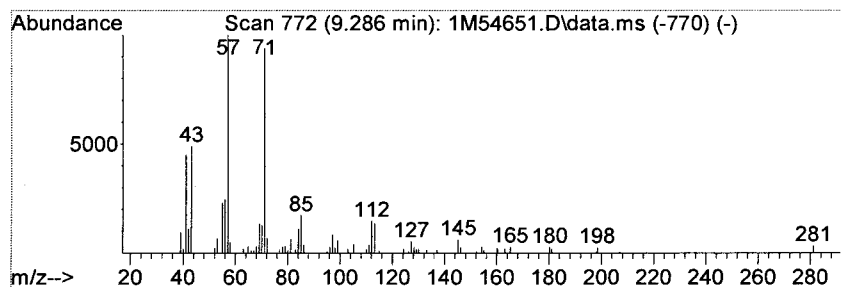
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	13.26 ug/l	150541	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	47
3			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	45
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	53
5			2-Undecene, 5-methyl-	168	C12H24	056851-34-4	64



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

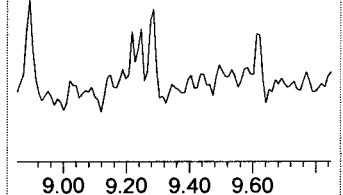
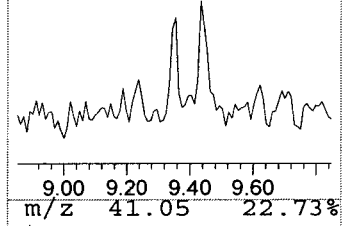
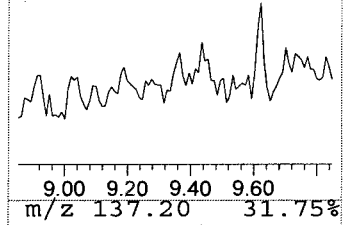
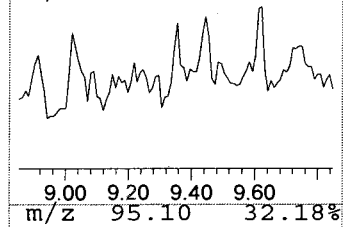
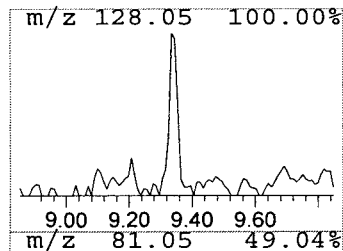
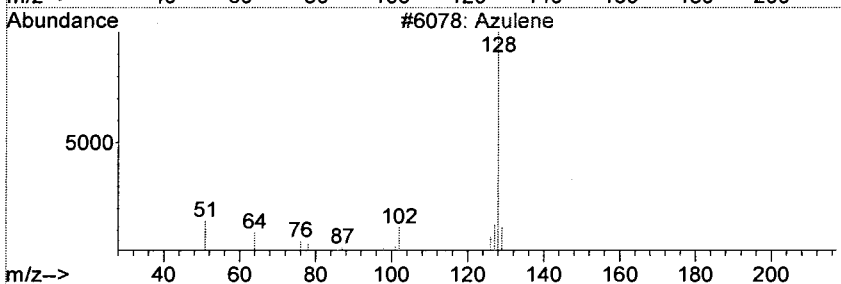
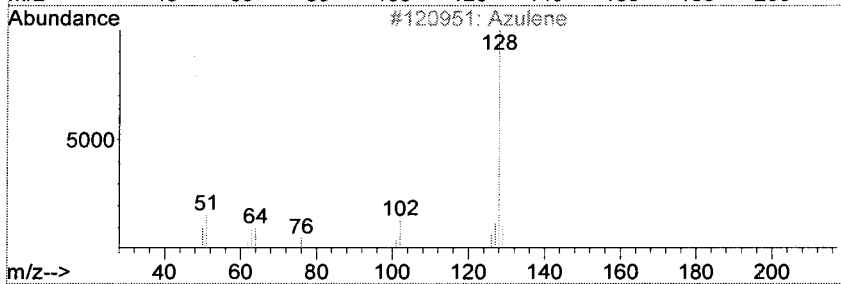
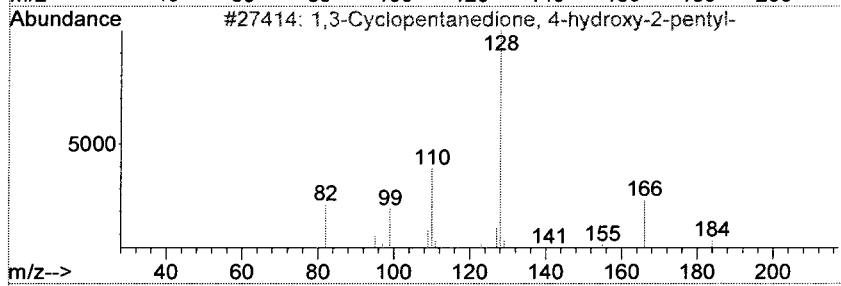
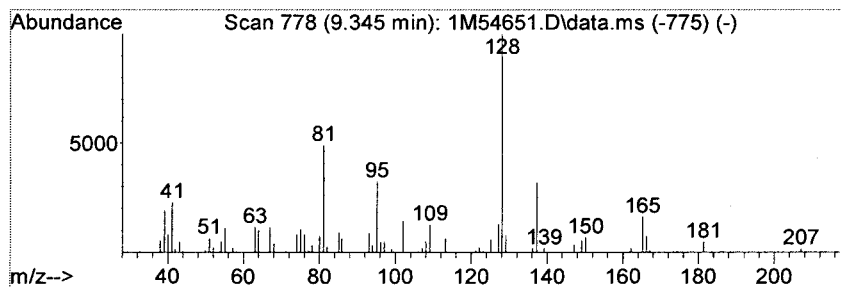
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 9 Azulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	8.58 ug/l	97366	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 4-hydroxy...	184	C10H16O3	054774-95-7	25
2			Azulene	128	C10H8	000275-51-4	49
3			Azulene	128	C10H8	000275-51-4	47
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	37
5			Azulene	128	C10H8	000275-51-4	49



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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ALS Vial : 8 Sample Multiplier: 1

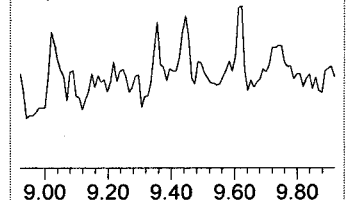
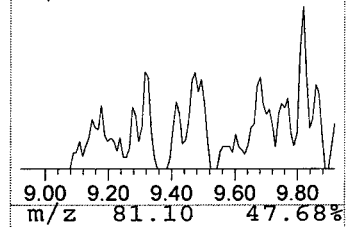
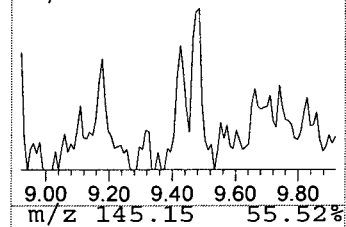
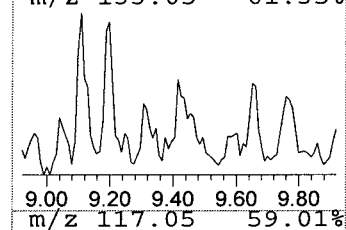
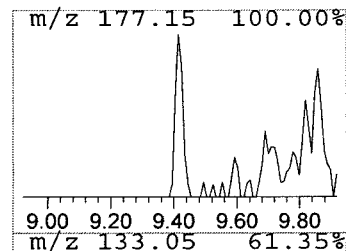
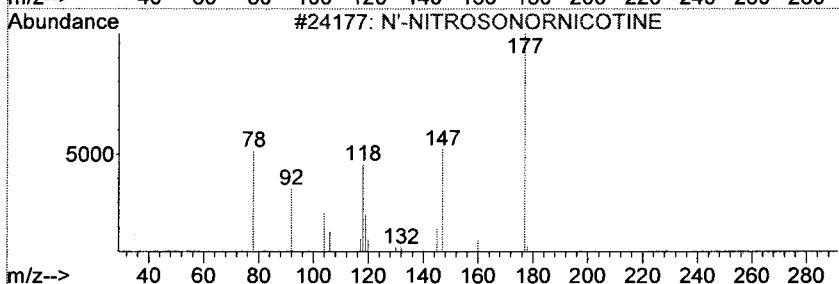
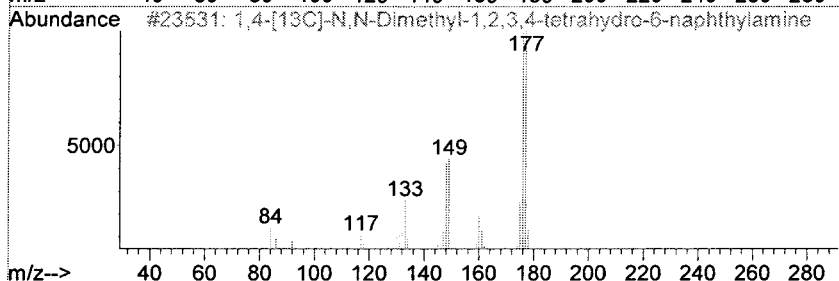
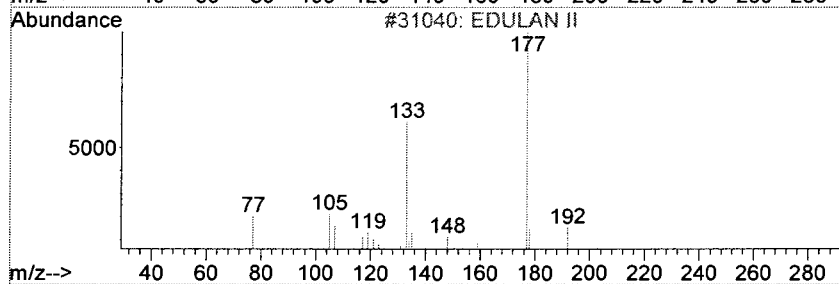
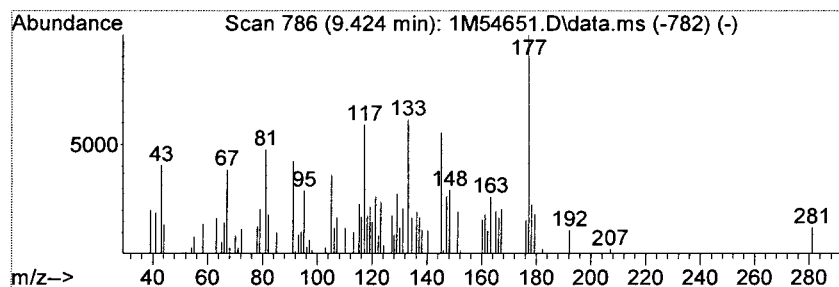
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 10 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	15.27 ug/l	173296	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			EDULAN II	192	C13H20O	041678-30-2	35
2			1,4-[13C]-N,N-Dimethyl-1,2,3,4-t...	175	C1013C2H17N	067519-17-9	10
3			N'-NITROSONORNICOTINE	177	C9H11N3O	000000-00-0	10
4			1,4-Benzenediamine, N,N,N'-triet...	192	C12H20N2	024340-91-8	9
5			1,4-Benzenediamine, N,N,N'-triet...	192	C12H20N2	024340-91-8	9



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

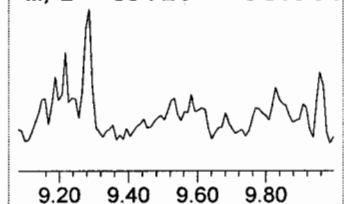
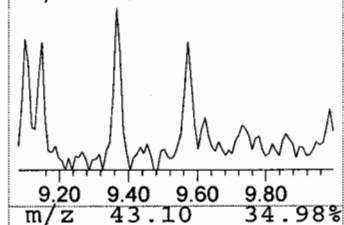
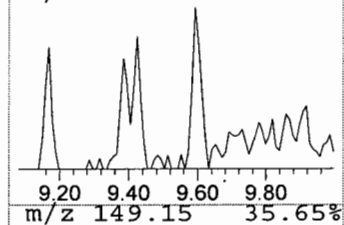
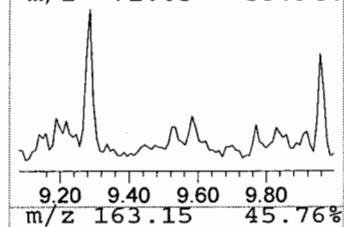
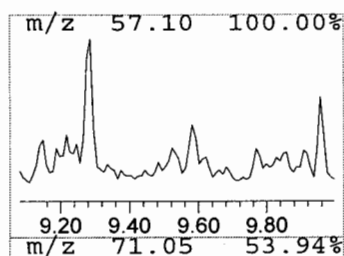
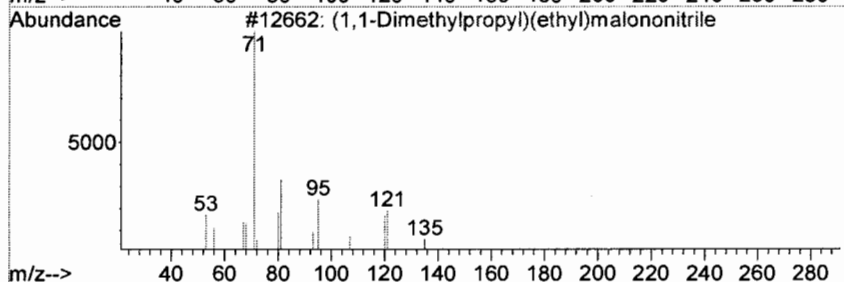
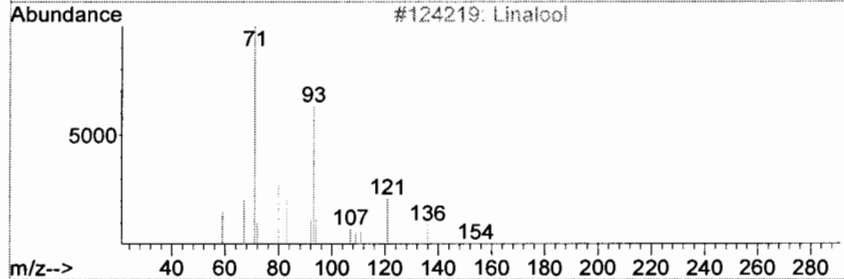
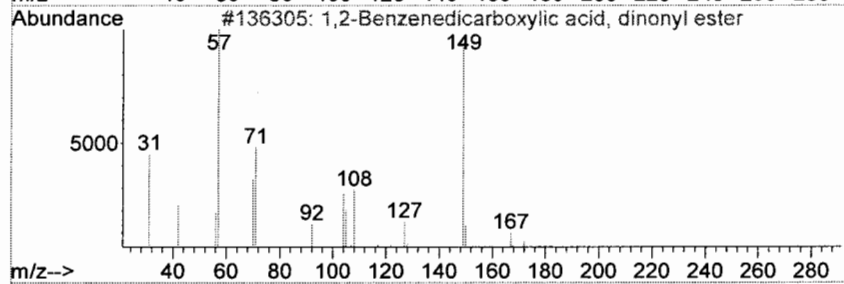
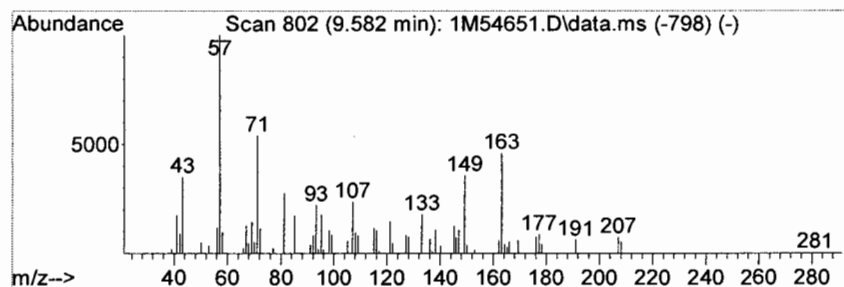
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	8.22 ug/l	93337	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	7
2			Linalool	154	C10H18O	000078-70-6	8
3			(1,1-Dimethylpropyl)(ethyl)malon...	150	C9H14N2	085688-94-4	8
4			Linalool	154	C10H18O	000078-70-6	8
5			Butane, 1-bromo-2-methyl-	150	C5H11Br	010422-35-2	9



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

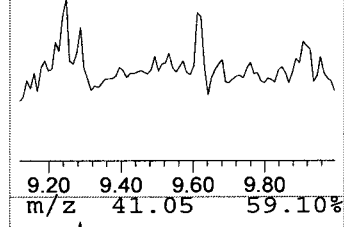
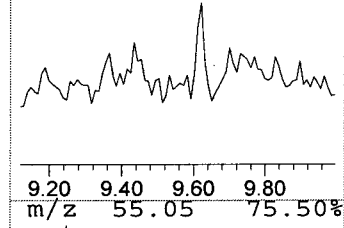
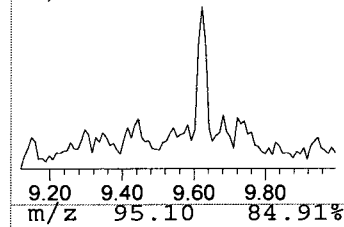
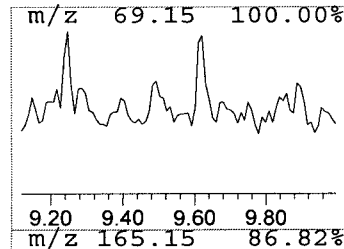
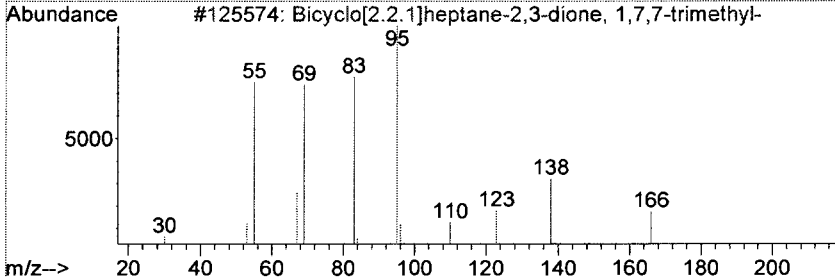
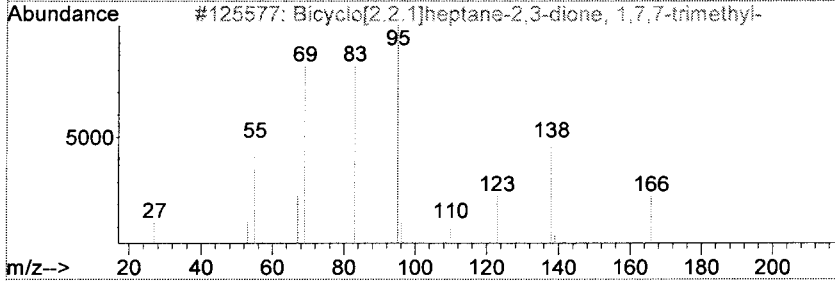
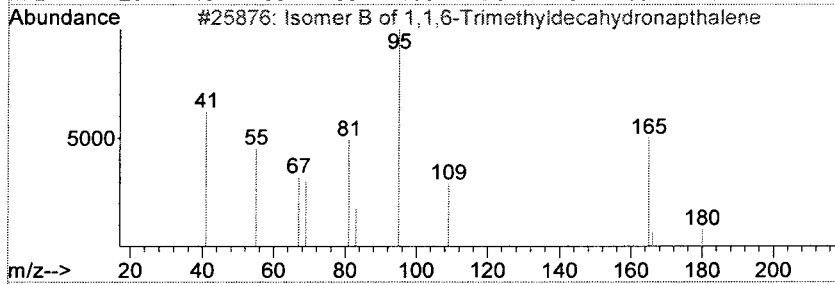
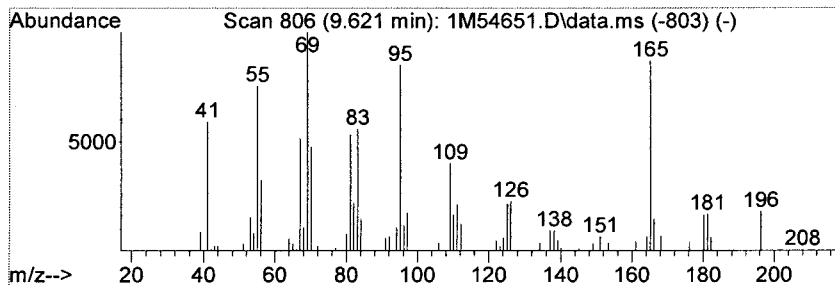
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 12 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	10.25 ug/l	116389	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isomer B of 1,1,6-Trimethyldecah...	180	C13H24	081983-74-6	10
2		Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	14
3		Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	000465-29-2	14
4		Naphth[1,2-b]oxirene, decahydro-...	180	C12H20O	055976-08-4	35
5		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	25



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54651.D
Acq On : 1 Mar 2010 11:40
Operator : WP
Sample : AC50034-002
Misc : S,5G!4
ALS Vial : 8 Sample Multiplier: 1

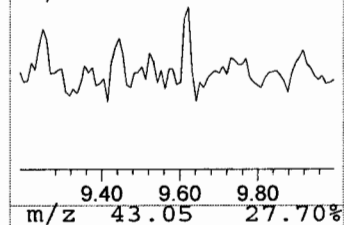
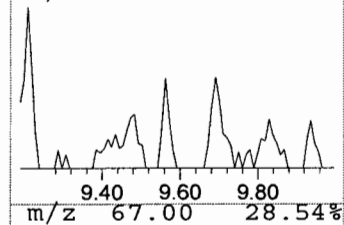
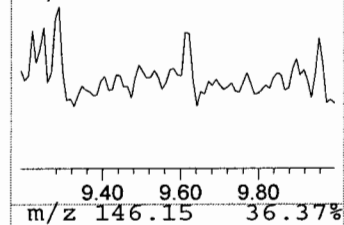
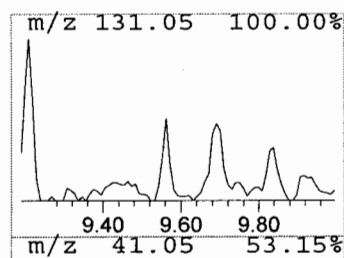
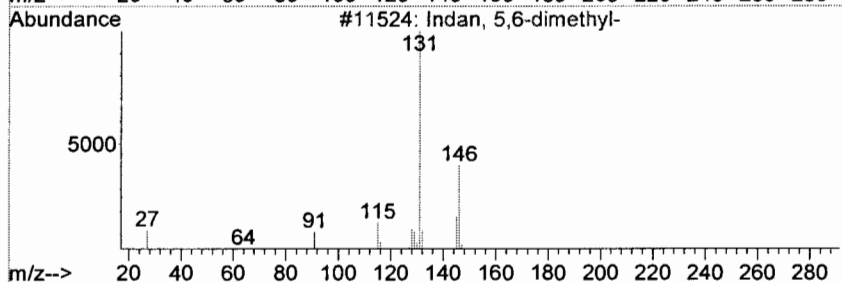
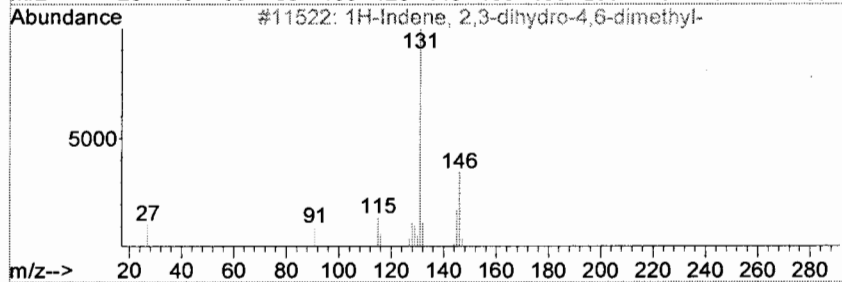
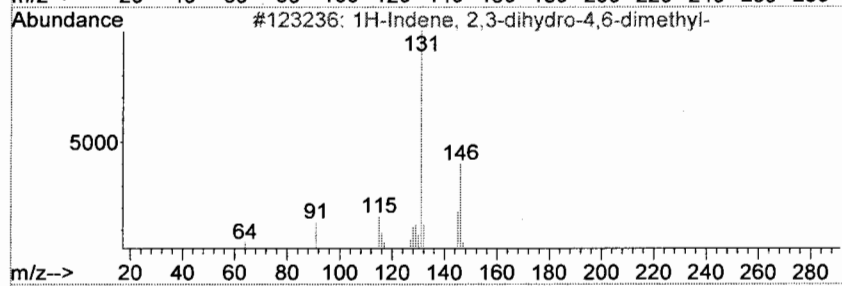
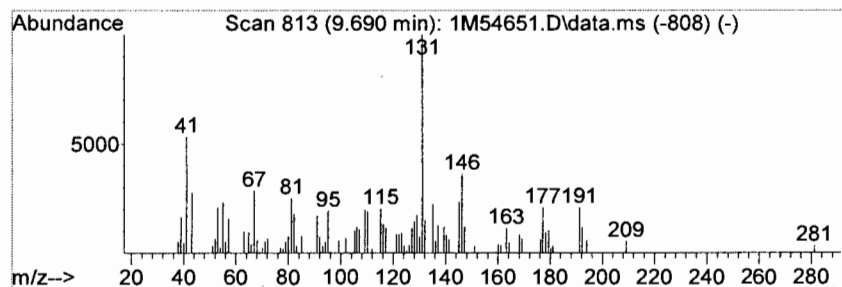
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 13 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	11.05 ug/l	125444	LibIS-1,4-Dichlorobenzene-d4	7.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46
2			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	41
3			Indan, 5,6-dimethyl-	146	C11H14	001075-22-5	38
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54651.D
 Acq On : 1 Mar 2010 11:40
 Operator : WP
 Sample : AC50034-002
 Misc : S,5G!4
 ALS Vial : 8 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	8.31	9.2	ug/l	104715	3	7.87	7.87	340553	30.0
1H-Indene, 2,3-di...	8.41	12.4	ug/l	140642	3	7.87	7.87	340553	30.0
unknown	8.53	19.7	ug/l	223875	3	7.87	7.87	340553	30.0
Undecane, 3,6-dim...	8.89	31.0	ug/l	351747	3	7.87	7.87	340553	30.0
unknown	9.15	9.7	ug/l	110565	3	7.87	7.87	340553	30.0
unknown	9.19	11.7	ug/l	132866	3	7.87	7.87	340553	30.0
7-Tetradecene, (E)-	9.25	10.7	ug/l	121363	3	7.87	7.87	340553	30.0
Dodecane, 2,7,10-...	9.29	13.3	ug/l	150541	3	7.87	7.87	340553	30.0
Azulene	9.35	8.6	ug/l	97366	3	7.87	7.87	340553	30.0
unknown	9.42	15.3	ug/l	173296	3	7.87	7.87	340553	30.0
unknown	9.58	8.2	ug/l	93337	3	7.87	7.87	340553	30.0
unknown	9.62	10.3	ug/l	116389	3	7.87	7.87	340553	30.0
unknown	9.69	11.1	ug/l	125444	3	7.87	7.87	340553	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-003

Client Id: PI01-TP-RAO2022210S01

Data File: 1M54650.D

Analysis Date: 03/01/10 11:24

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.07g

Final Vol: NA

Dilution: 0.986

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0060	U	56-23-5	Carbon Tetrachloride	0.0060	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0060	U	108-90-7	Chlorobenzene	0.0060	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0060	U	75-00-3	Chloroethane	0.0060	U
79-00-5	1,1,2-Trichloroethane	0.0060	U	67-66-3	Chloroform	0.0060	U
75-34-3	1,1-Dichloroethane	0.0060	U	74-87-3	Chloromethane	0.0060	U
75-35-4	1,1-Dichloroethene	0.0060	U	156-59-2	cis-1,2-Dichloroethene	0.0060	U
96-18-4	1,2,3-Trichloropropane	0.0060	U	10061-01-5	cis-1,3-Dichloropropene	0.0060	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0060	U
95-50-1	1,2-Dichlorobenzene	0.0060	U	75-71-8	Dichlorodifluoromethane	0.0060	U
107-06-2	1,2-Dichloroethane	0.0060	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0060	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	0.0060	U	75-09-2	Methylene Chloride	0.0060	U
142-28-9	1,3-Dichloropropane	0.0060	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0060	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0060	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0060	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0060	U	100-42-5	Styrene	0.0060	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0060	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	U	127-18-4	Tetrachloroethene	0.0060	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0060	U	156-60-5	trans-1,2-Dichloroethene	0.0060	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0060	U
75-27-4	Bromodichloromethane	0.0060	U	79-01-6	Trichloroethene	0.0060	U
75-25-2	Bromoform	0.0060	U	75-69-4	Trichlorofluoromethane	0.0060	U
74-83-9	Bromomethane	0.0060	U	75-01-4	Vinyl Chloride	0.0060	U
75-15-0	Carbon Disulfide	0.0060	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-003	Matrix: Soil
Client Id: PI01-TP-RAO2022210S	Initial Vol: 5.07g
Data File: 1M54650.D	Final Vol: NA
Analysis Date: 03/01/10 11:24	Dilution: 0.986
Date Rec/Extracted: 02/25/10-NA	Solids: 82
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.88	0.018 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.018*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.*

SampleID : AC50034-003
 Data File: 1M54650.D
 Acq On : 03/ 1/10 11:24

Operator : WP
 Sam Mult : 1 Vial# : 7
 Misc : S,5G!5

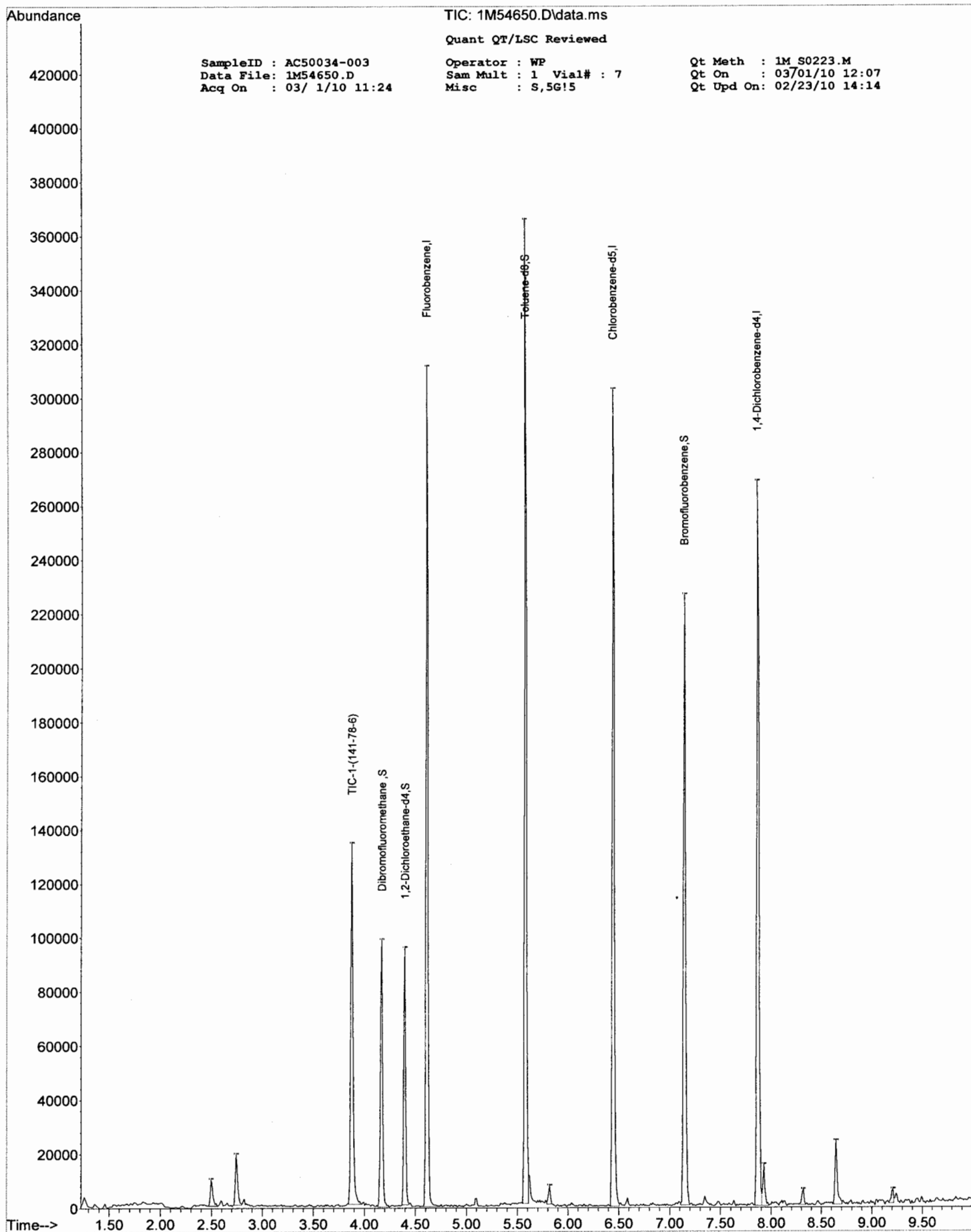
Qt Meth : 1M_S0223.M
 Qt On : 03/01/10 12:07
 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 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	146255	30.00	ug/1	0.00
48) Chlorobenzene-d5	6.449	117	114383	30.00	ug/1	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	60242	30.00	ug/1	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	41907	31.82	ug/1	0.00
Spiked Amount 30.000			Recovery	=	106.07%	
35) 1,2-Dichloroethane-d4	4.399	102	8123	34.02	ug/1	0.00
Spiked Amount 30.000			Recovery	=	113.40%	
59) Toluene-d8	5.581	100	98498	28.69	ug/1	0.00
Spiked Amount 30.000			Recovery	=	95.63%	
67) Bromofluorobenzene	7.148	174	50882	28.49	ug/1	0.00
Spiked Amount 30.000			Recovery	=	94.97%	
Target Compounds						Qvalue
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.615		392942	30.00	ug/1	--
2) Chlorobenzene-d5	6.449		413268	30.00	ug/1	--
3) 1,4-Dichlorobenzene-d4	7.868		393882	30.00	ug/1	--
Library Search Compounds						
1) 141-78-6	3.880		200226	15.29	ug/1	90

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

be



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54650.D
 Acq On : 1 Mar 2010 11:24
 Operator : WP
 Sample : AC50034-003
 Misc : S,5G!5
 ALS Vial : 7 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: 1M54650.D\data.ms

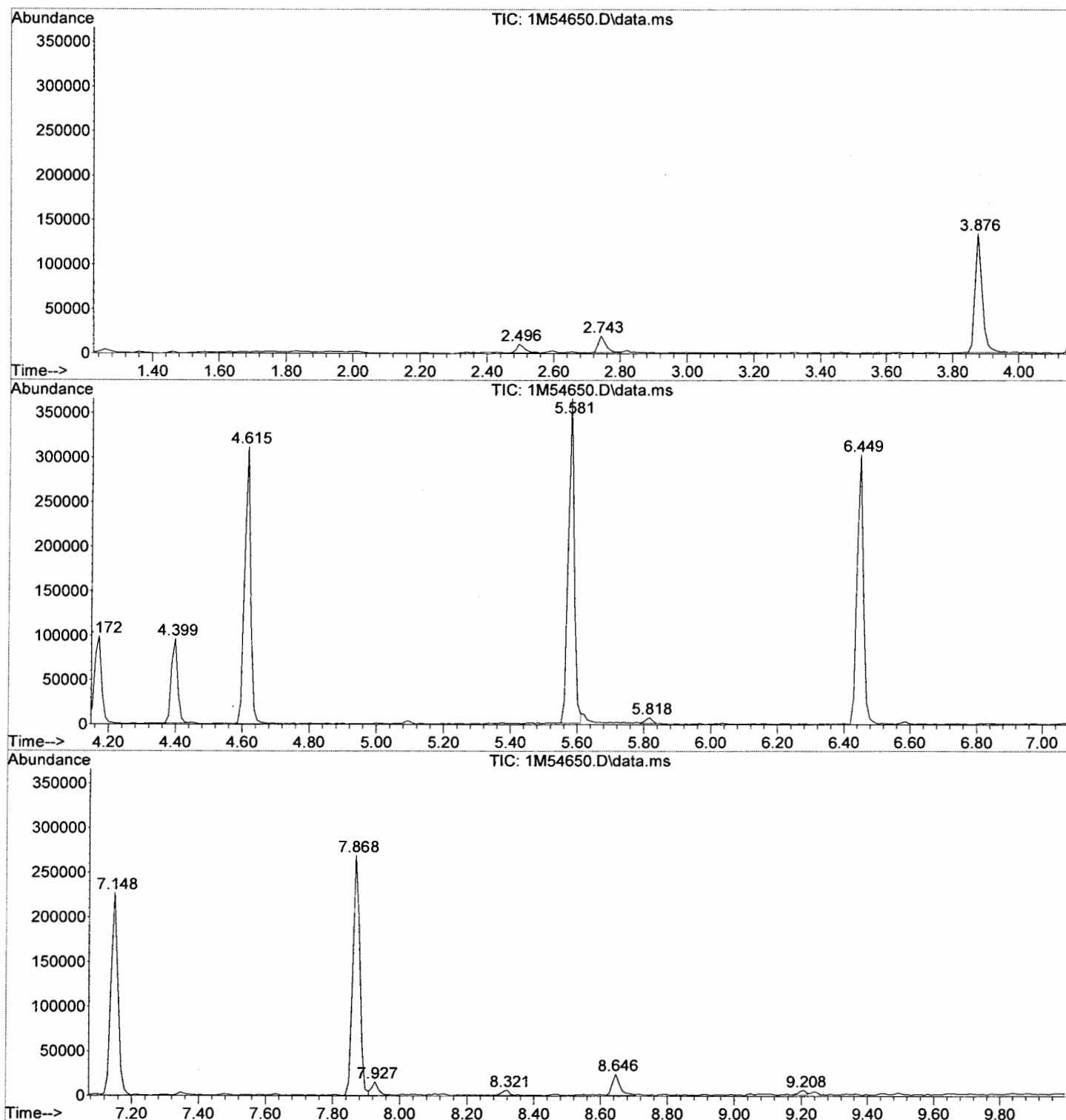
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.496	80	83	90	rVB	9736	16337	3.58%	0.634%
2	2.743	105	108	114	rBV	18610	28716	6.30%	1.115%
3	3.876	220	223	233	rVB	133446	200226	43.93%	7.776%
4	4.172	249	253	261	rVB	98601	144914	31.79%	5.628%
5	4.399	273	276	280	rBV	94856	124187	27.25%	4.823%
6	4.615	294	298	311	rBV	311100	392356	86.08%	15.237%
7	5.581	393	396	399	rBV	364368	455778	100.00%	17.700%
8	5.818	417	420	423	rVB	6779	9124	2.00%	0.354%
9	6.449	481	484	490	rBV	302699	411452	90.27%	15.978%
10	7.148	551	555	560	rVB	226104	322011	70.65%	12.505%
11	7.868	624	628	632	rBV	268291	393930	86.43%	15.298%
12	7.927	632	634	639	rVB	15194	20276	4.45%	0.787%
13	8.321	669	674	676	rVB2	5706	9124	2.00%	0.354%
14	8.646	704	707	713	rBV2	23556	38384	8.42%	1.491%
15	9.208	760	764	765	rBV2	5110	8238	1.81%	0.320%

Sum of corrected areas: 2575053

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54650.D
Acq On : 1 Mar 2010 11:24
Operator : WP
Sample : AC50034-003
Misc : S,5G!5
ALS Vial : 7 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54650.D
Acq On : 1 Mar 2010 11:24
Operator : WP
Sample : AC50034-003
Misc : S,5G!5
ALS Vial : 7 Sample Multiplier: 1

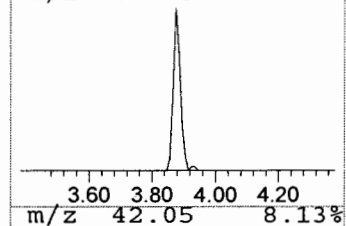
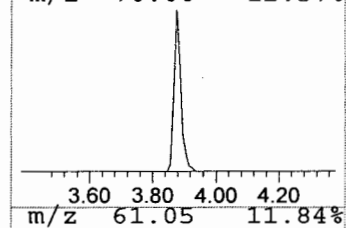
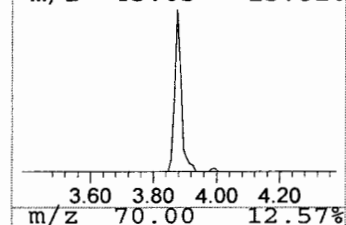
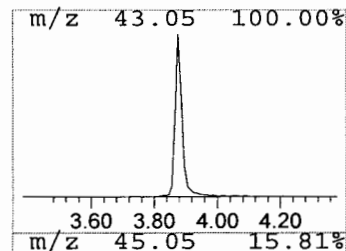
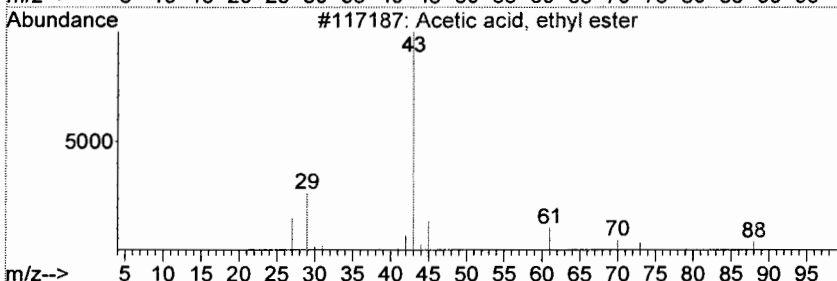
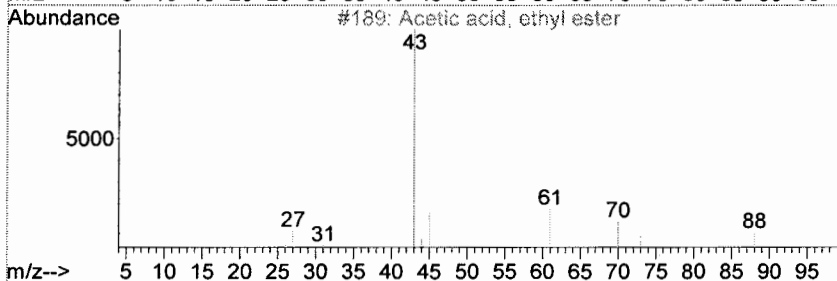
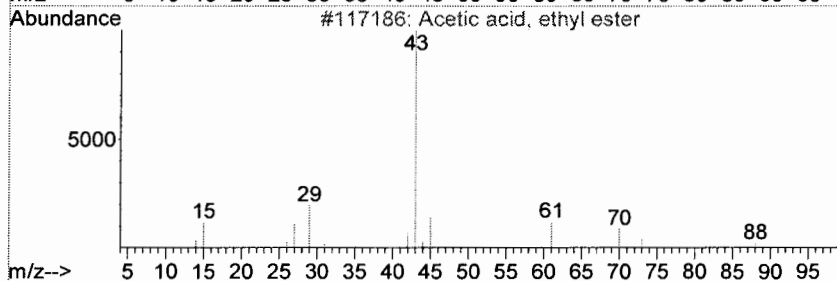
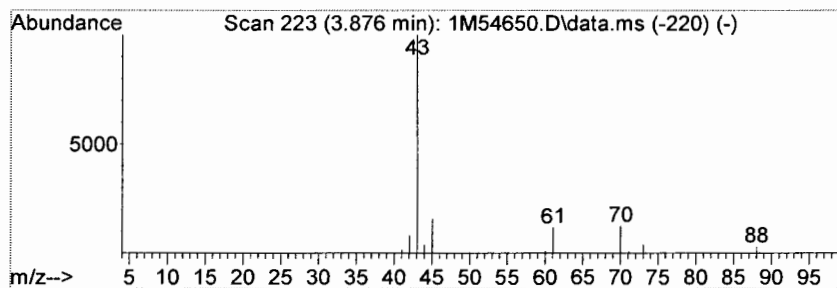
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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	15.29 ug/l	200226	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	39
3			Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	78
4			Acetic acid, ethyl ester	88	C4H8O2	000141-78-6	78
5			2-Butanone, 4-(acetyloxy)-	130	C6H10O3	010150-87-5	9



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54650.D
Acq On : 1 Mar 2010 11:24
Operator : WP
Sample : AC50034-003
Misc : S,5G!5
ALS Vial : 7 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	#	ExpRT	ActRt	Resp	Conc
Acetic acid, ethy...	3.88	15.3	ug/l	200226	1	4.62	4.62	392942	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-004

Client Id: PI01-TP-RAQ1022210S01

Data File: 1M54611.D

Analysis Date: 02/26/10 13:30

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.29g

Final Vol: NA

Dilution: 0.945

Solids: 82

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	0.0013	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	0.0020
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 #: 144264

Total Target Concentration 0.0033

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-004	Matrix: Soil
Client Id: PI01-TP-RAQ1022210S	Initial Vol: 5.29g
Data File: 1M54611.D	Final Vol: NA
Analysis Date: 02/26/10 13:30	Dilution: 0.945
Date Rec/Extracted: 02/25/10-NA	Solids: 82
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	91-17-8	Naphthalene, decahydro-	8.14	0.011 J
2		unknown	8.33	0.0098 J
3	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.011 J
4	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.015 J
5	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.025 J
6		unknown	9.06	0.012 J
7		unknown	9.21	0.013 J
8		unknown	9.43	0.011 J
9		unknown	9.64	0.014 J
10		unknown	9.71	0.015 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.14*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 : AC50034-004
 Data File: 1M54611.D
 Acq On : 02/26/10 13:30

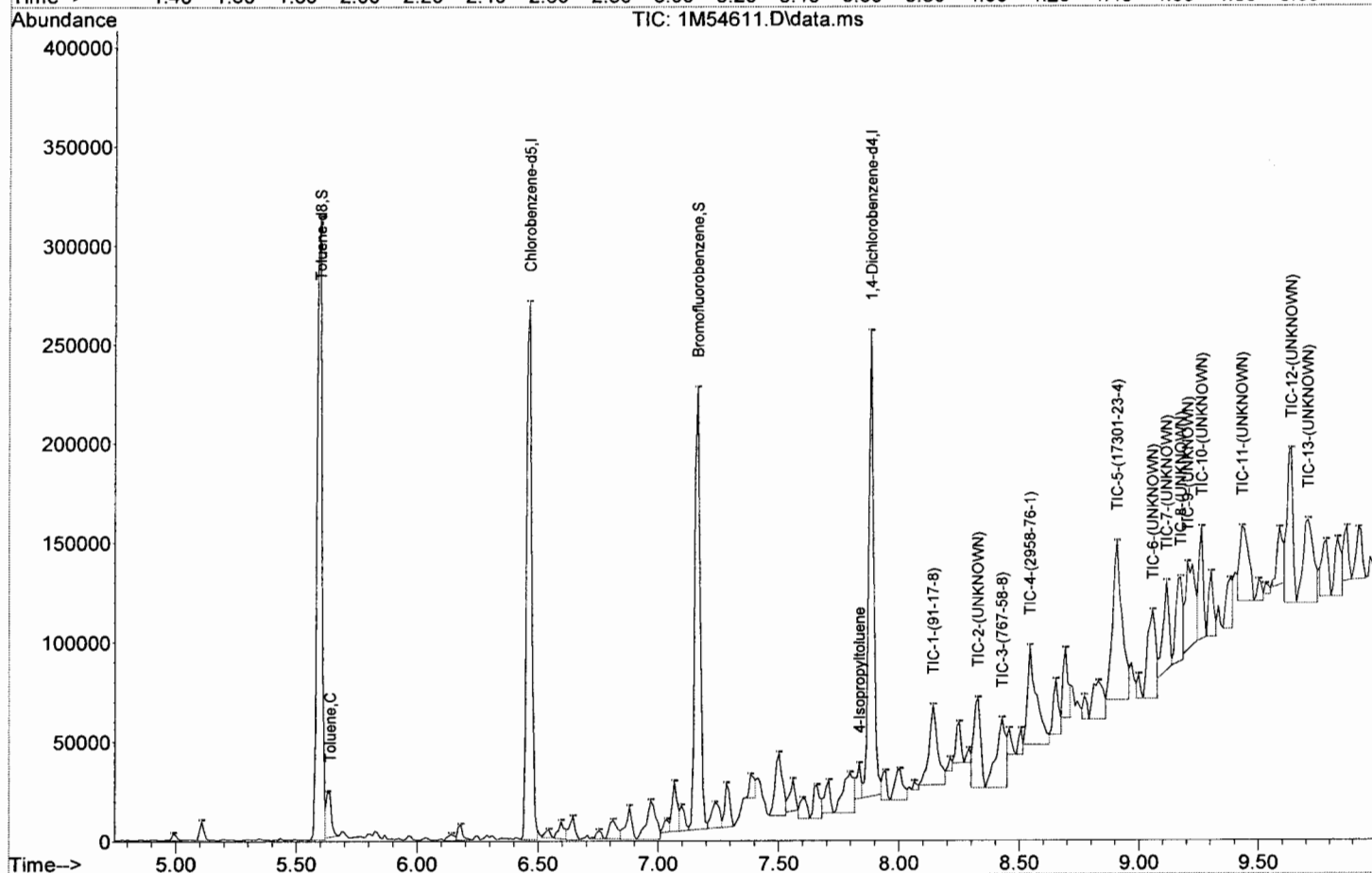
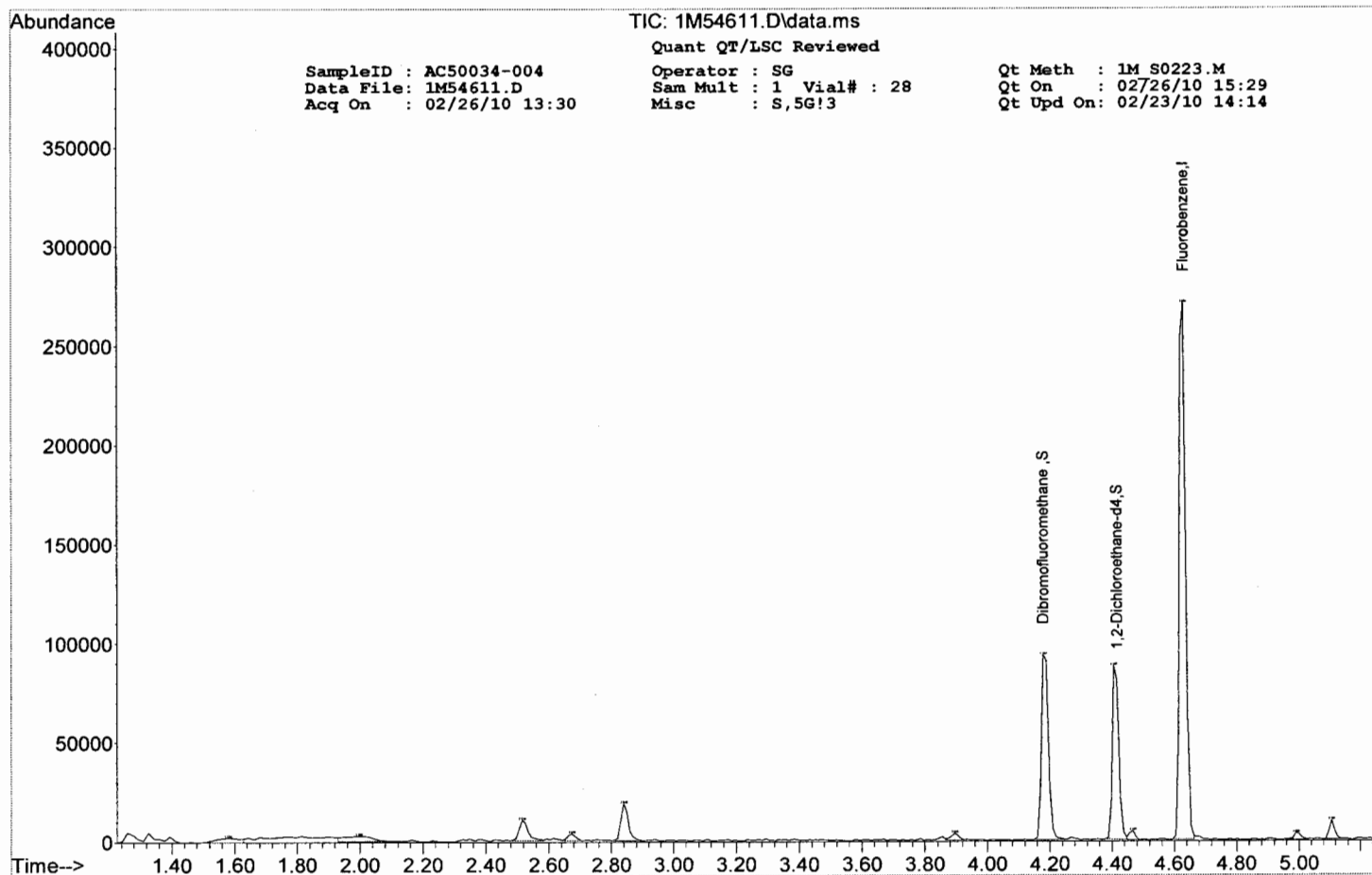
Operator : SG
 Sam Mult : 1 Vial# : 28
 Misc : S,5G!3

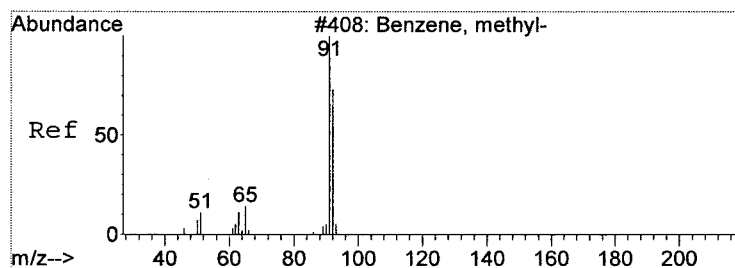
Qt Meth : 1M_S0223.M
 Qt On : 02/26/10 15:29
 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	4.634	96	143046	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.467	117	109964	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.886	152	51202	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	42543	33.03	ug/l	0.00
Spiked Amount 30.000			Recovery	=	110.10%	
35) 1,2-Dichloroethane-d4	4.417	102	7776	33.30	ug/l	0.02
Spiked Amount 30.000			Recovery	=	111.00%	
59) Toluene-d8	5.600	100	95468	28.92	ug/l	0.02
Spiked Amount 30.000			Recovery	=	96.40%	
67) Bromofluorobenzene	7.167	174	51543	33.95	ug/l	0.02
Spiked Amount 30.000			Recovery	=	113.17%	
Target Compounds						
60) Toluene	5.639	92	6642	1.72	ug/l	82
87) 4-Isopropyltoluene	7.837	119	6746	1.13	ug/l	72
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.634		389021	30.00	ug/l	--
2) Chlorobenzene-d5	6.467		402001	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.886		307119	30.00	ug/l	--
Library Search Compounds						
1) 91-17-8	8.140		101615	9.93	ug/l	60
2) UNKNOWN	8.330		87138	8.51	ug/l	--
3) 767-58-8	8.430		100191	9.79	ug/l	49
4) 2958-76-1	8.550		129976	12.70	ug/l	72
5) 17301-23-4	8.910		218192	21.31	ug/l	64
6) UNKNOWN	9.060		107925	10.54	ug/l	--
7) UNKNOWN	9.120		77614	7.58	ug/l	--
8) UNKNOWN	9.180		86130	8.41	ug/l	--
9) UNKNOWN	9.210		119364	11.66	ug/l	--
10) UNKNOWN	9.270		68993	6.74	ug/l	--
11) UNKNOWN	9.430		95136	9.29	ug/l	--
12) UNKNOWN	9.640		125716	12.28	ug/l	--
13) UNKNOWN	9.710		132646	12.96	ug/l	--

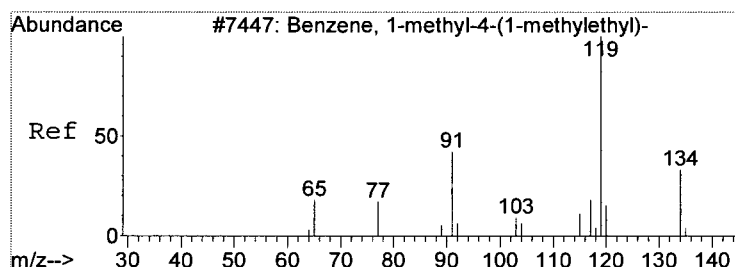
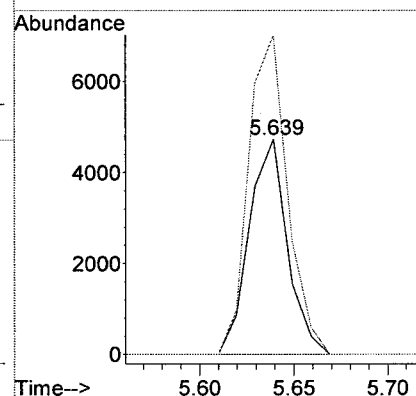
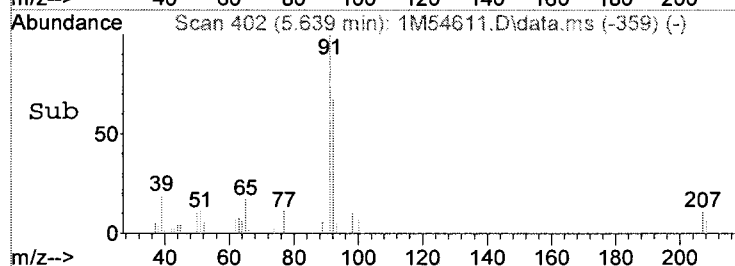
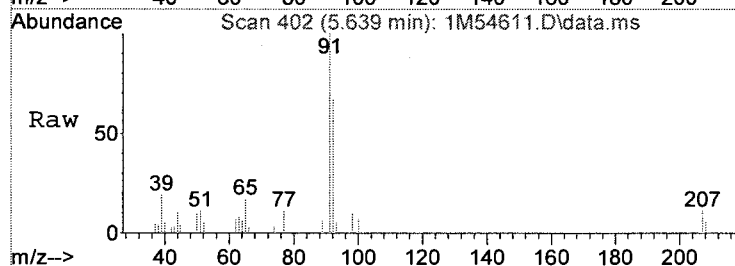
(#) = qualifier out of range (m) = manual integration (+) = signals summed





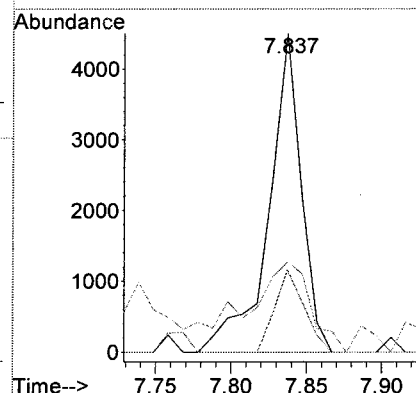
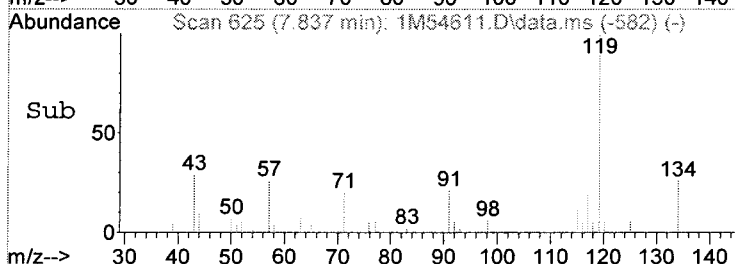
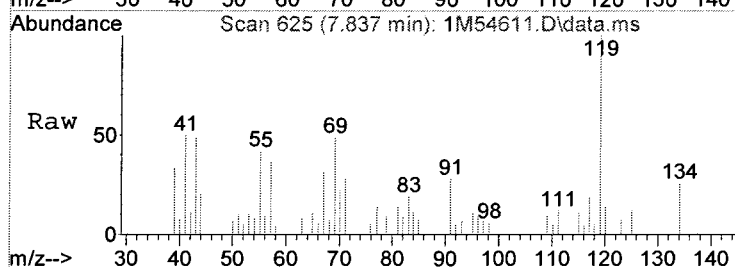
#60
Toluene
Concen: 1.72 ug/l
RT: 5.639 min Scan# 402
Delta R.T. 0.020 min
Lab File: 1M54611.D
Acq: 26 Feb 2010 13:30

Tgt Ion: 92 Resp: 6642
Ion Ratio Lower Upper
92 100
91 148.4 104.1 242.9



#87
4-Isopropyltoluene
Concen: 1.13 ug/l
RT: 7.837 min Scan# 625
Delta R.T. 0.020 min
Lab File: 1M54611.D
Acq: 26 Feb 2010 13:30

Tgt Ion: 119 Resp: 6746
Ion Ratio Lower Upper
119 100
134 23.1 0.0 66.7
91 51.4 0.0 66.3



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54611.D
 Acq On : 26 Feb 2010 13:30
 Operator : SG
 Sample : AC50034-004
 Misc : S,5G!3
 ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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: 1M54611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.578	17	22	25	rBV4	2190	12550	2.81%	0.249%
2	1.997	43	47	53	rVB4	2658	16507	3.70%	0.328%
3	2.515	81	85	92	rBV	10160	20505	4.59%	0.407%
4	2.673	98	101	104	rBV2	3466	5920	1.33%	0.118%
5	2.840	115	118	125	rVB	18581	30856	6.91%	0.613%
6	3.895	222	225	228	rVB	3384	5652	1.27%	0.112%
7	4.181	251	254	261	rVB	93088	145712	32.64%	2.893%
8	4.407	274	277	281	rBV	87481	126603	28.36%	2.514%
9	4.467	281	283	285	rVB	4596	5672	1.27%	0.113%
10	4.634	296	300	303	rBV	270213	384654	86.16%	7.637%
11	4.989	332	336	340	rBV3	3318	5763	1.29%	0.114%
12	5.107	345	348	352	rBV	9407	11377	2.55%	0.226%
13	5.600	394	398	400	rBV	313366	446456	100.00%	8.865%
14	5.630	400	401	406	rVB	22007	31696	7.10%	0.629%
15	6.142	450	453	455	rBV2	3135	6765	1.52%	0.134%
16	6.181	455	457	462	rVB	7550	11226	2.51%	0.223%
17	6.467	482	486	489	rBV	270392	400464	89.70%	7.951%
18	6.546	491	494	496	rVB2	3655	5804	1.30%	0.115%
19	6.595	496	499	501	rVV2	8553	15188	3.40%	0.302%
20	6.645	501	504	507	rVB2	11568	18526	4.15%	0.368%
21	6.753	511	515	517	rVB	3969	6726	1.51%	0.134%
22	6.812	517	521	524	rBV4	9259	22414	5.02%	0.445%
23	6.881	524	528	531	rVB2	16476	28035	6.28%	0.557%
24	6.970	531	537	541	rBV3	19274	55287	12.38%	1.098%
25	7.039	541	544	545	rVV2	6219	11013	2.47%	0.219%
26	7.068	545	547	549	rVV	24790	38027	8.52%	0.755%
27	7.098	549	550	553	rVV3	12376	15961	3.58%	0.317%
28	7.167	553	557	561	rVV	221877	338789	75.88%	6.727%
29	7.236	561	564	567	rVV3	12371	31075	6.96%	0.617%
30	7.285	567	569	572	rVB3	21417	31520	7.06%	0.626%
31	7.384	577	579	581	rBV	11406	18926	4.24%	0.376%
32	7.502	587	591	594	rBV5	31094	68580	15.36%	1.362%
33	7.561	594	597	599	rVV3	16158	24400	5.47%	0.484%
34	7.601	599	601	604	rVB3	9912	20248	4.54%	0.402%
35	7.660	604	607	609	rBV3	16459	33003	7.39%	0.655%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54611.D
 Acq On : 26 Feb 2010 13:30
 Operator : SG
 Sample : AC50034-004
 Misc : S,5G!3
 ALS Vial : 28 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	7.709	609	612	614	rVB3	16170	24799	5.55%	0.492%
37	7.798	614	621	623	rBV7	19945	68334	15.31%	1.357%
38	7.837	623	625	626	rVV	17205	20738	4.65%	0.412%
39	7.887	626	630	634	rVV	233503	335591	75.17%	6.663%
40	7.946	634	636	638	rVB3	14436	17918	4.01%	0.356%
41	8.005	638	642	645	rBV5	15352	38260	8.57%	0.760%
42	8.064	647	648	650	rBV2	4105	5447	1.22%	0.108%
43	8.143	650	656	661	rVV7	40116	101615	22.76%	2.018%
44	8.212	661	663	664	rBV2	6479	7744	1.73%	0.154%
45	8.251	664	667	669	rVB2	20439	29255	6.55%	0.581%
46	8.291	669	671	672	rBV2	7074	9197	2.06%	0.183%
47	8.330	672	675	678	rVB3	44956	87138	19.52%	1.730%
48	8.429	678	685	687	rBV5	34841	100191	22.44%	1.989%
49	8.458	687	688	691	rVB3	12887	12709	2.85%	0.252%
50	8.507	691	693	694	rBV2	12746	15143	3.39%	0.301%
51	8.547	694	697	705	rBV3	49479	129976	29.11%	2.581%
52	8.655	705	708	710	rBV2	27456	42988	9.63%	0.854%
53	8.695	710	712	714	rBV2	34681	54152	12.13%	1.075%
54	8.774	719	720	722	rVB2	11822	12053	2.70%	0.239%
55	8.833	722	726	729	rBV4	18996	61555	13.79%	1.222%
56	8.912	729	734	739	rBV5	79466	218192	48.87%	4.332%
57	9.000	742	743	745	rVB2	12032	9215	2.06%	0.183%
58	9.059	745	749	751	rBV4	44230	107925	24.17%	2.143%
59	9.118	751	755	757	rVV3	46258	77614	17.38%	1.541%
60	9.178	757	761	762	rVV3	42509	86130	19.29%	1.710%
61	9.207	762	764	768	rVV4	41649	119364	26.74%	2.370%
62	9.266	768	770	772	rVB2	55352	68993	15.45%	1.370%
63	9.306	772	774	776	rBV2	32388	45956	10.29%	0.912%
64	9.385	779	782	783	rBV2	25028	49243	11.03%	0.978%
65	9.434	785	787	792	rVB4	37383	95136	21.31%	1.889%
66	9.503	792	794	796	rBV3	10455	15102	3.38%	0.300%
67	9.532	796	797	799	rBV2	4860	7204	1.61%	0.143%
68	9.592	800	803	805	rVV4	28840	55647	12.46%	1.105%
69	9.641	805	808	810	rVB3	77506	125716	28.16%	2.496%
70	9.710	810	815	819	rBV6	41910	132646	29.71%	2.634%
71	9.789	820	823	825	rVB3	28118	52180	11.69%	1.036%
72	9.838	825	828	830	rBV4	29346	60653	13.59%	1.204%
73	9.877	830	832	834	rVV3	26859	36332	8.14%	0.721%
74	9.927	834	837	840	rVV5	25548	46436	10.40%	0.922%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 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

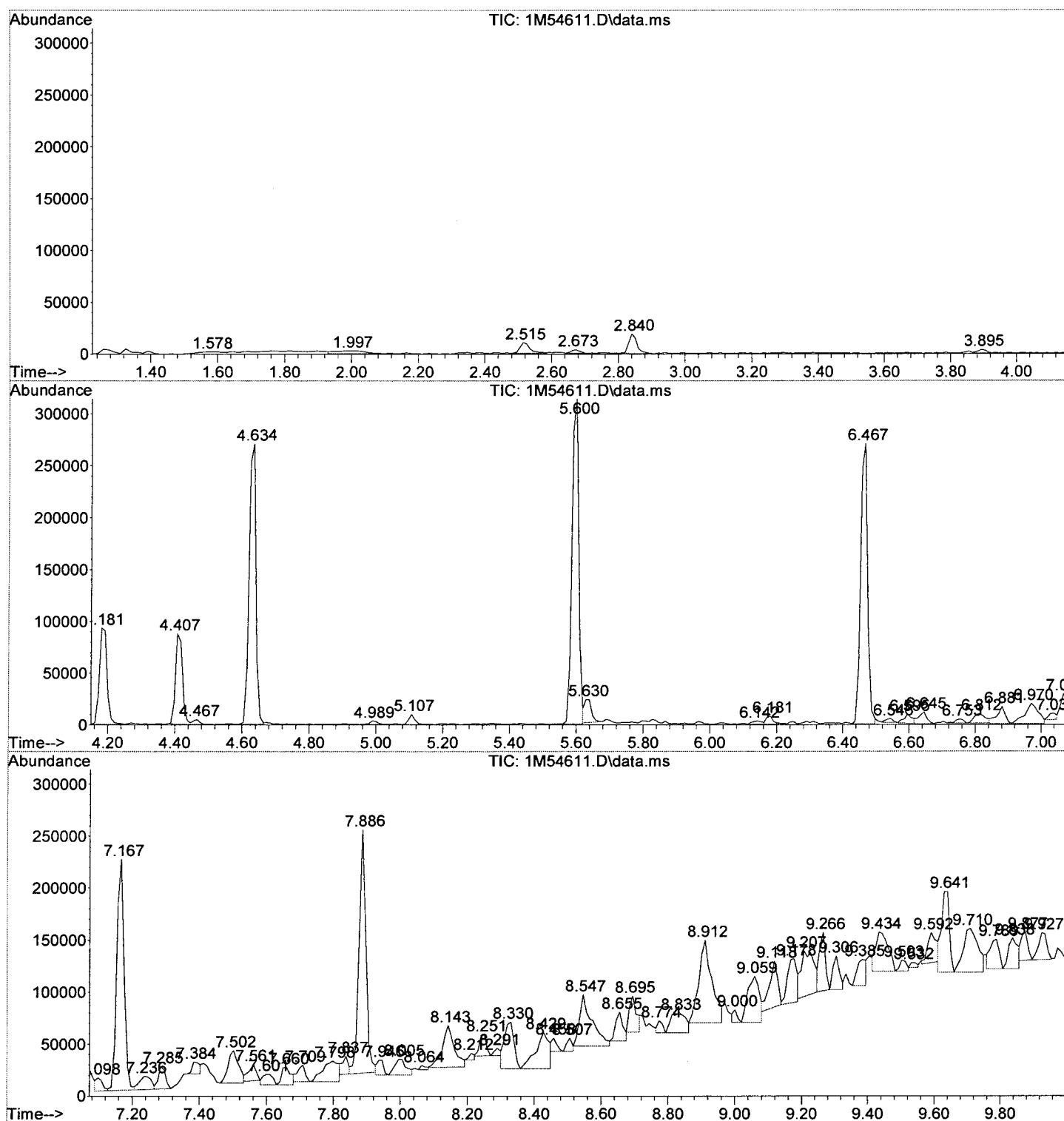
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Sum of corrected areas: 5036387

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Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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Acq On : 26 Feb 2010 13:30
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Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

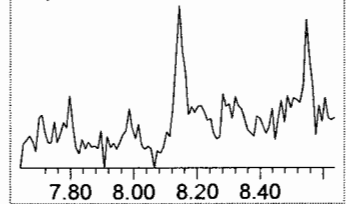
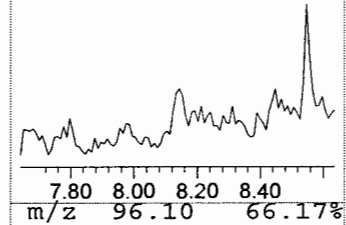
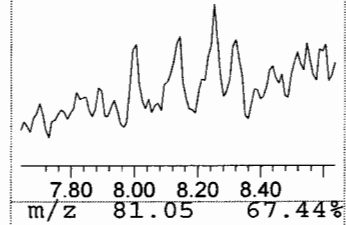
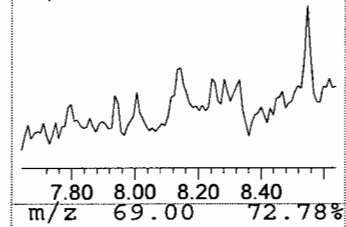
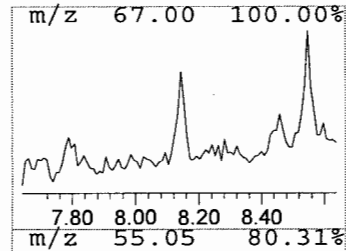
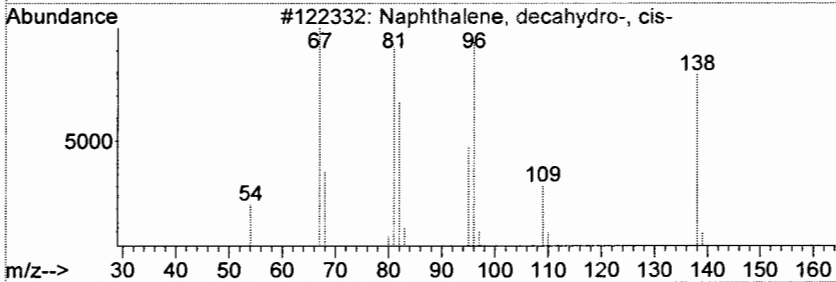
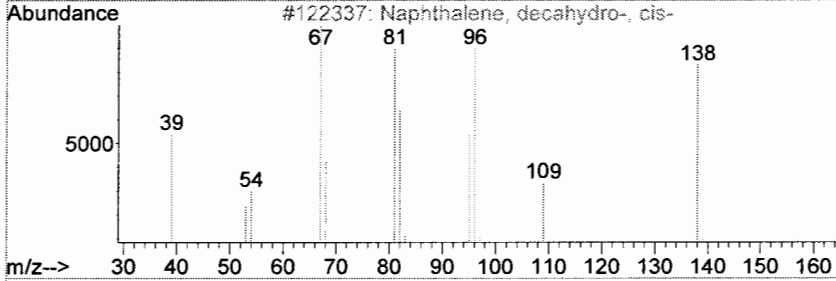
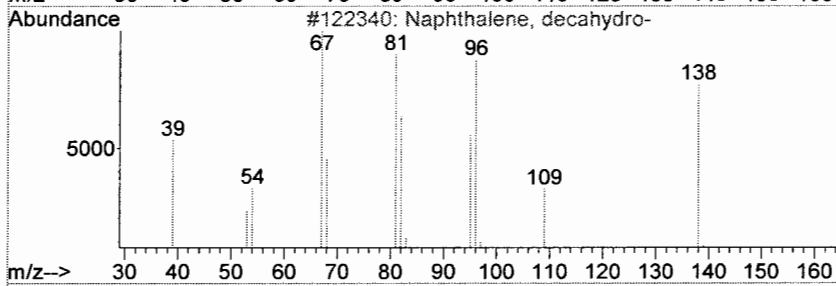
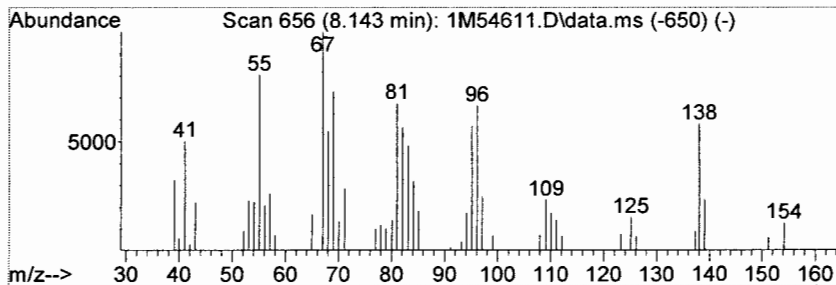
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	9.93 ug/l	101615	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	60
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	60
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	49



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

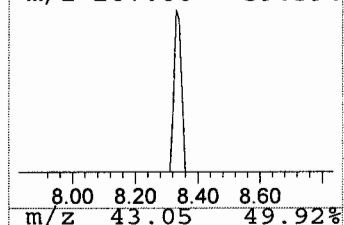
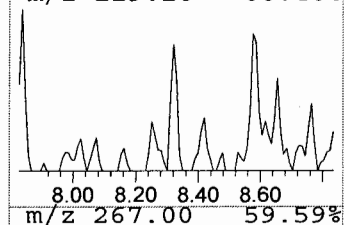
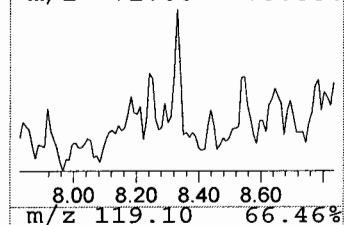
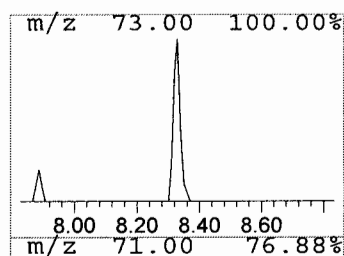
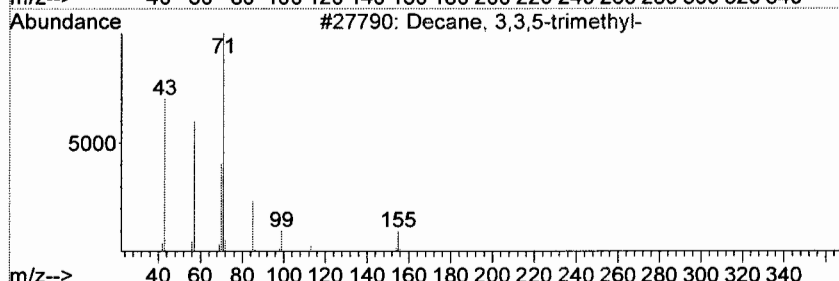
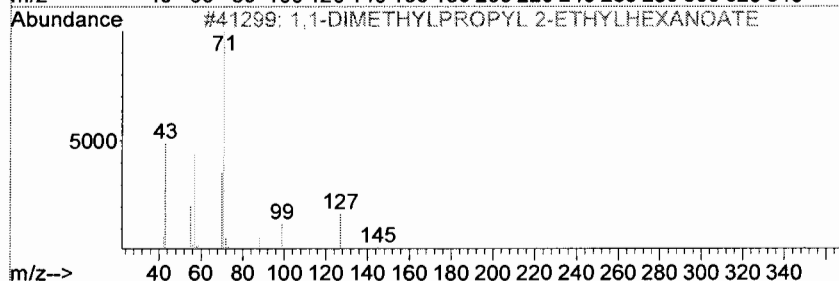
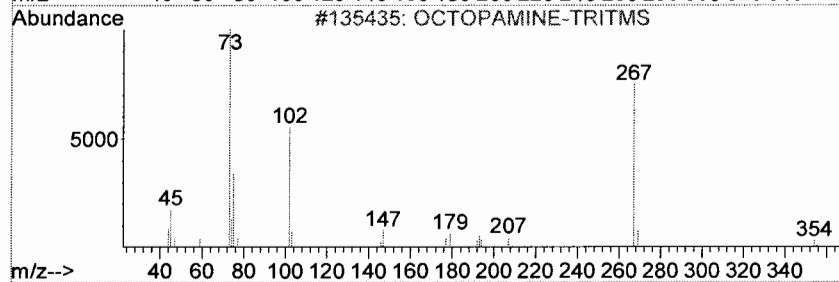
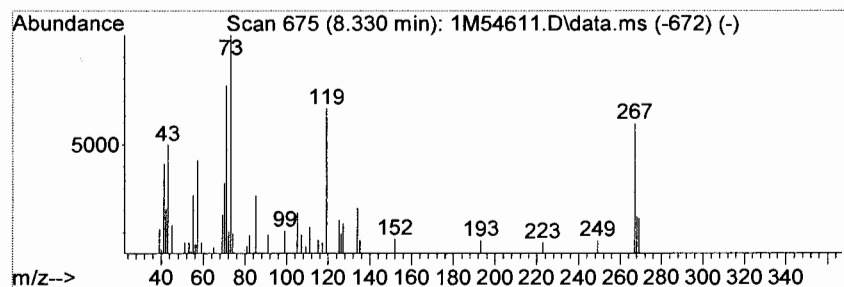
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 2 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	8.51 ug/l	87138	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			OCTOPAMINE-TRITMS	369	C17H35NO2Si3	056145-08-5	10
2			1,1-DIMETHYLPROPYL 2-ETHYLHEXANOATE	214	C13H26O2	005421-13-6	22
3			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	12
4			Decane, 3,3,7-trimethyl-	184	C13H28	000000-00-0	12
5			Decane, 2,7,7-trimethyl-	184	C13H28	062338-15-2	12



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

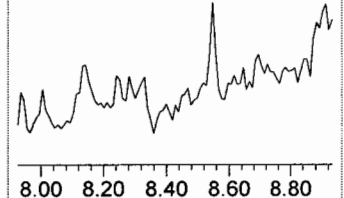
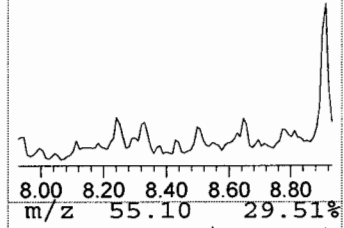
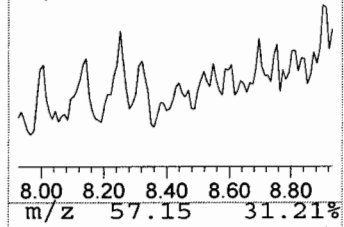
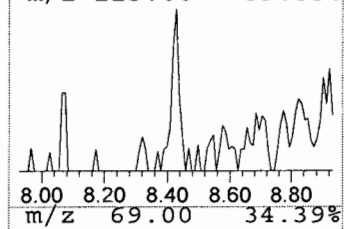
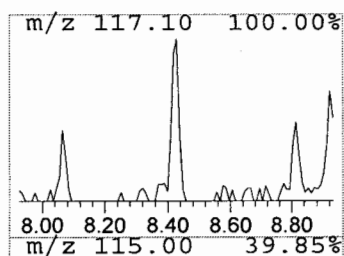
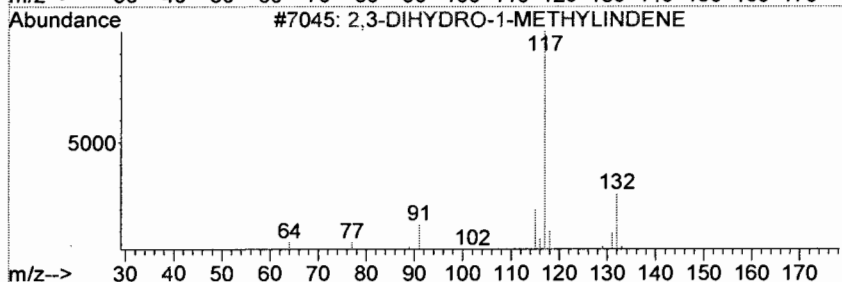
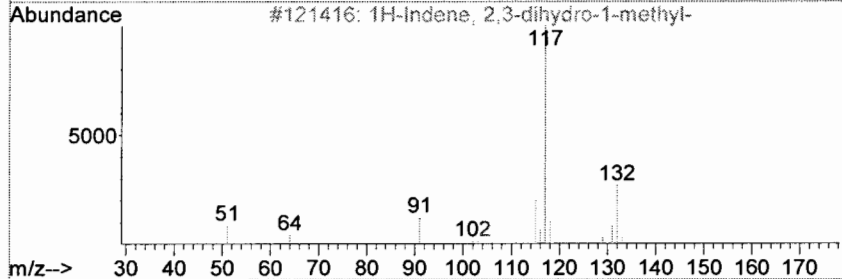
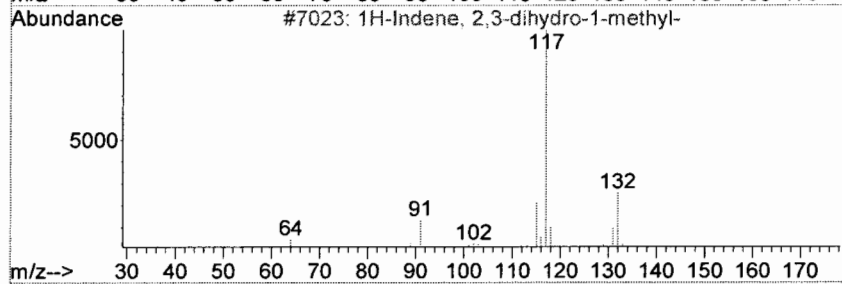
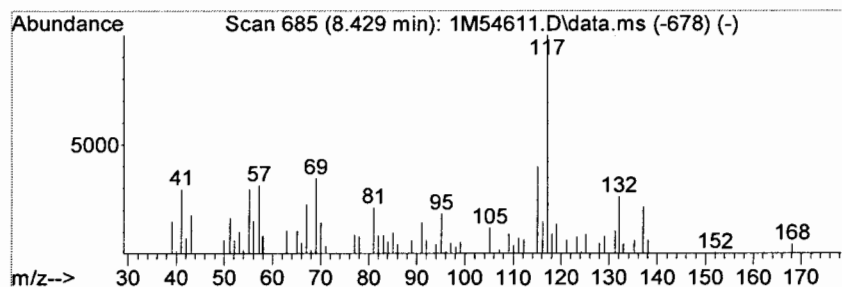
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 3 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	9.79 ug/l	100191	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	49
2			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	49
3			2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	49
4			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	49
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	16



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

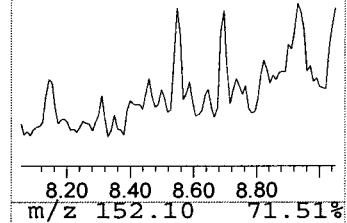
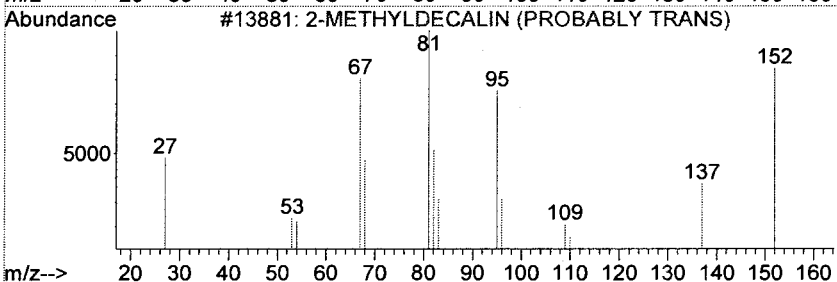
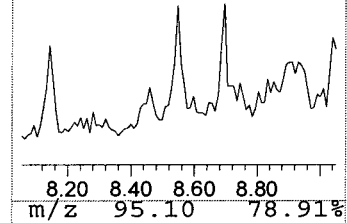
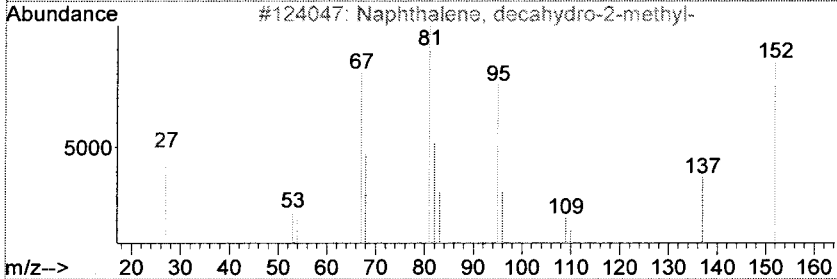
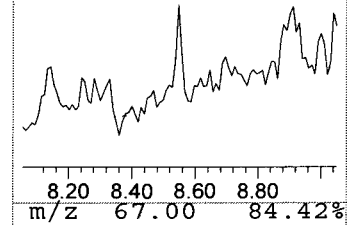
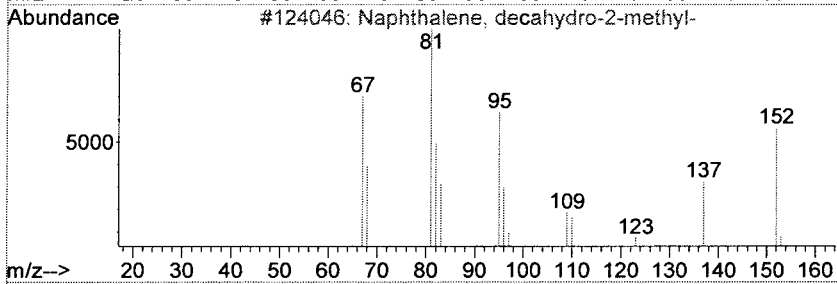
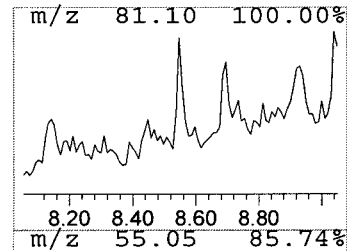
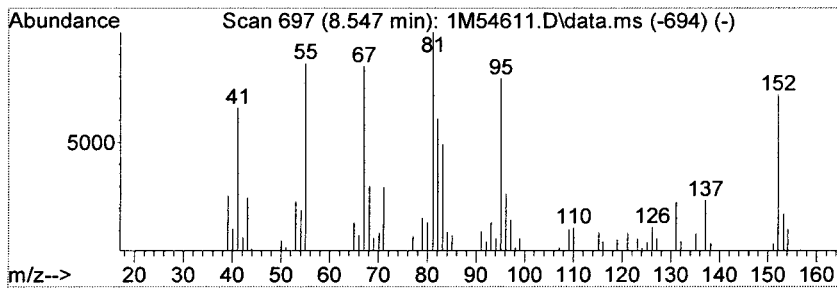
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	12.70 ug/l	129976	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	72
3		2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	72
4		Isopulegone	152	C10H16O	029606-79-9	49
5		Pulegone	152	C10H16O	000089-82-7	49



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G13
ALS Vial : 28 Sample Multiplier: 1

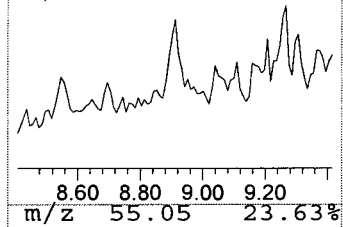
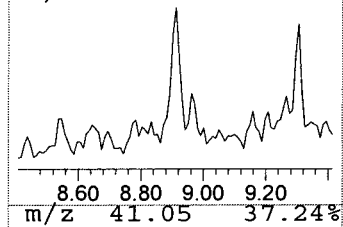
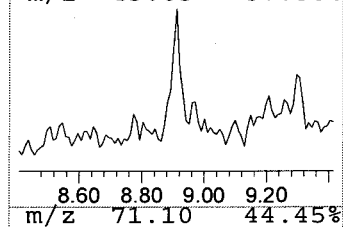
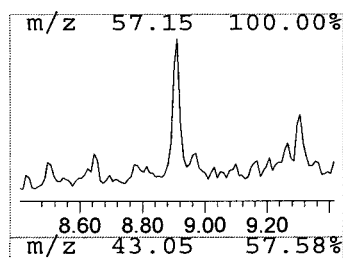
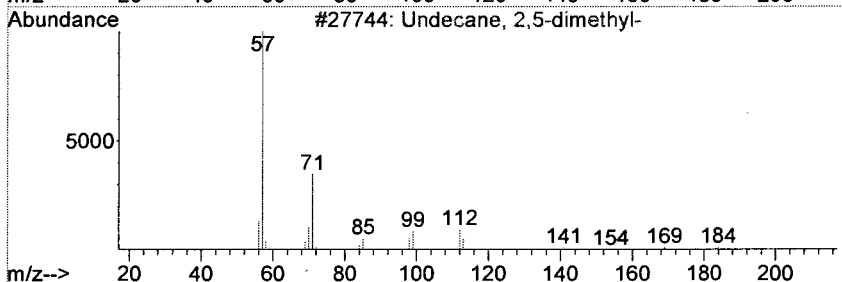
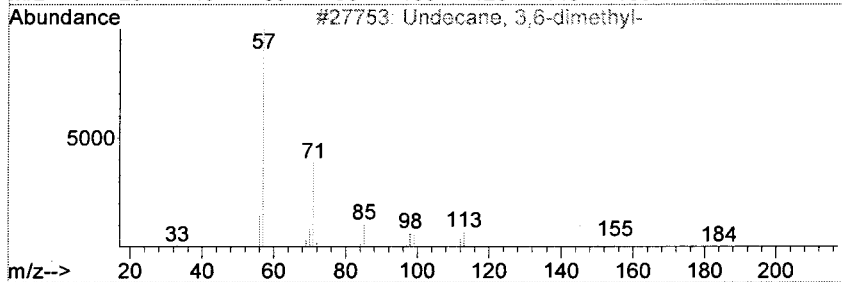
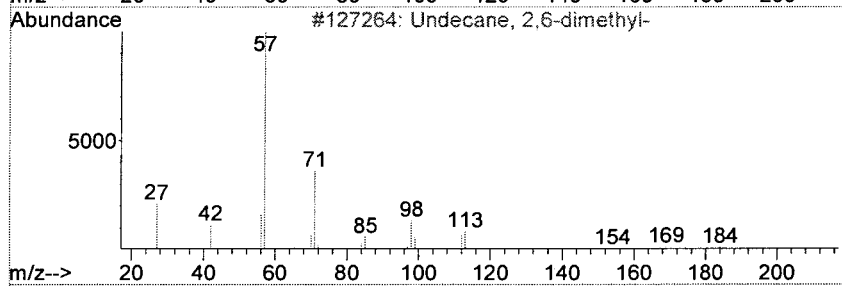
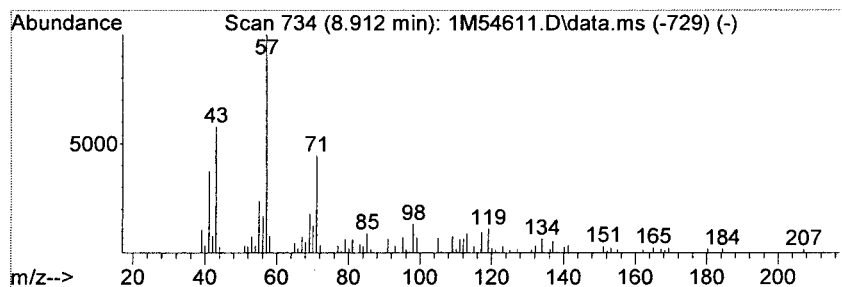
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	21.31 ug/l	218192	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64		
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	47		
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50		
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	35		
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38		



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

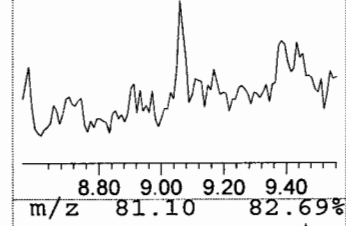
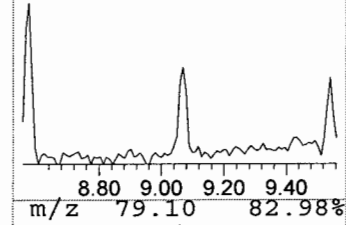
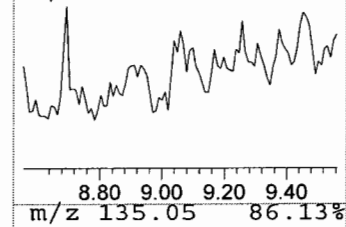
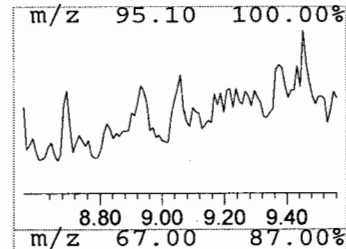
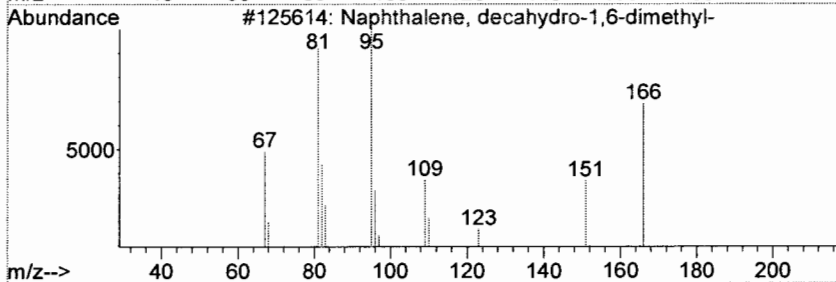
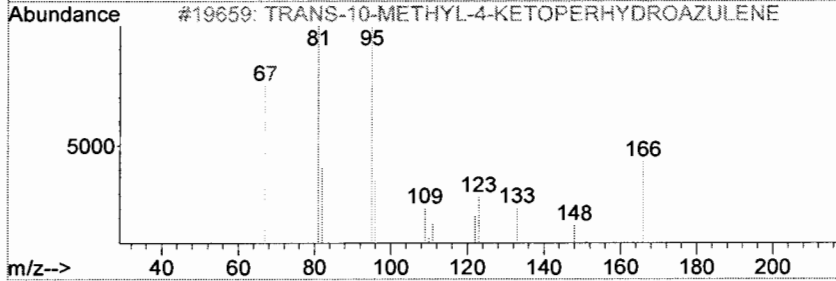
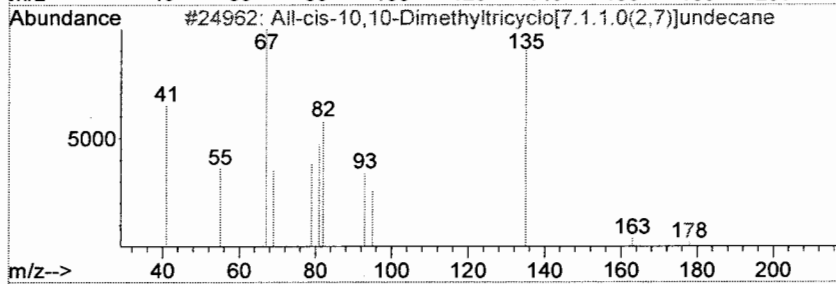
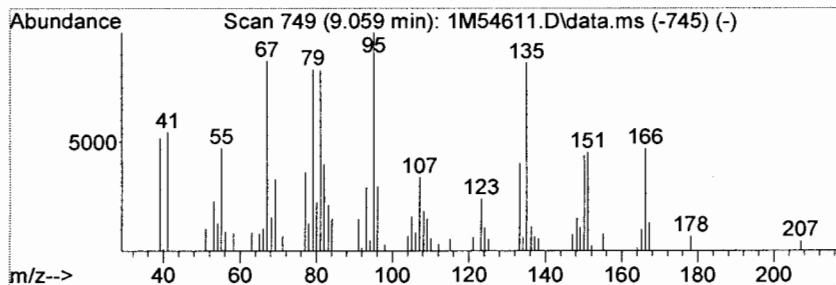
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 6 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	10.54 ug/l	107925	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			All-cis-10,10-Dimethyltricyclo[7...	178	C13H22	077948-98-2	14
2			TRANS-10-METHYL-4-KETOPERHYDROAZ...	166	C11H18O	085318-94-1	49
3			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	42
4			TRANS-6-METHYLSPIRO(4.5)DECAN-1-ONE	166	C11H18O	035653-44-2	27
5			4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	30



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

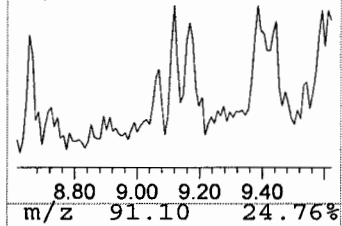
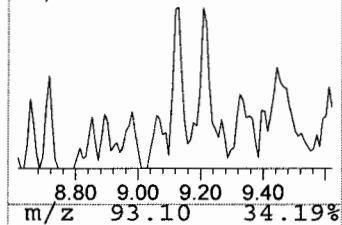
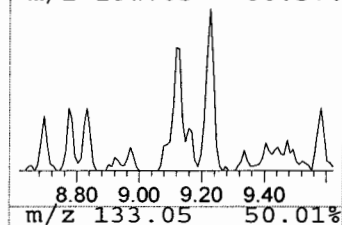
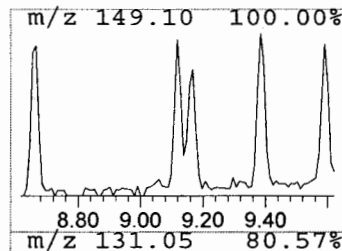
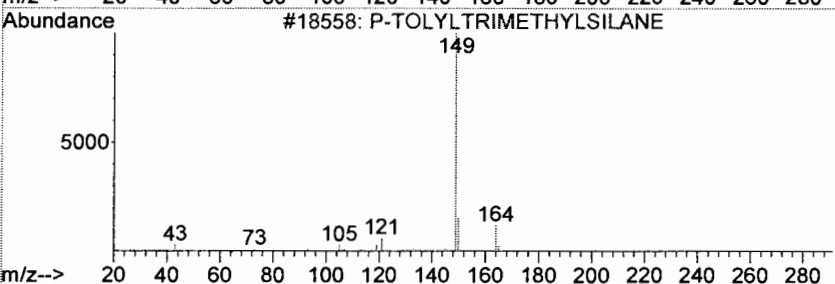
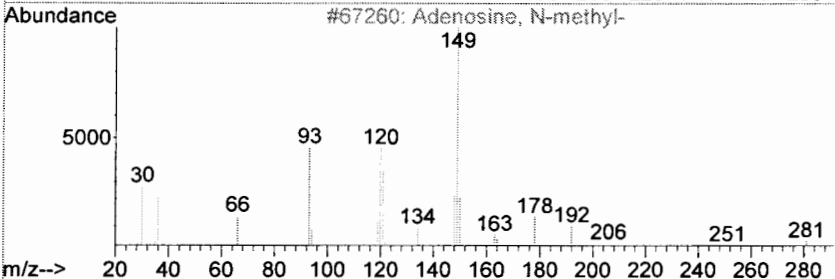
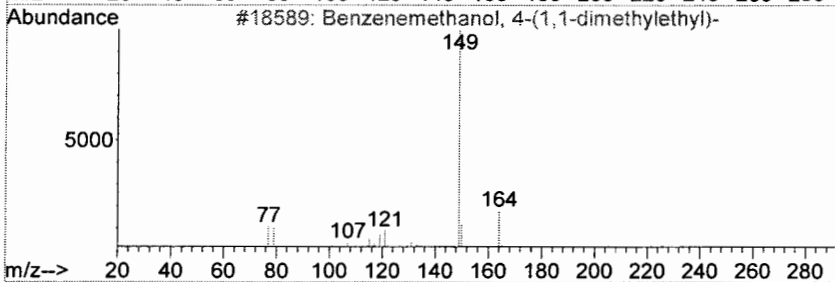
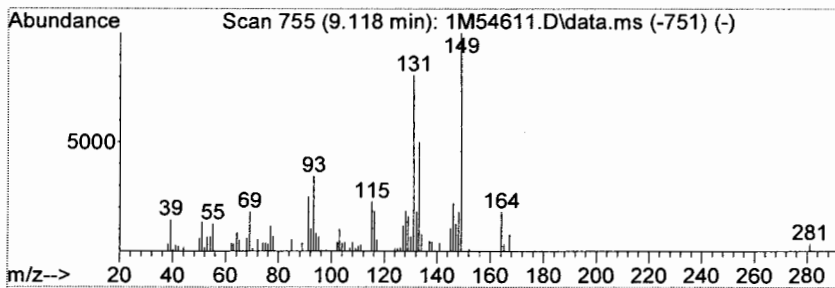
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 7 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	7.58 ug/l	77614	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	22
2		Adenosine, N-methyl-	281	C11H15N5O4	001867-73-8	18
3		P-TOLYLTRIMETHYLSILANE	164	C10H16Si	000000-00-0	10
4		1,3-CYCLOHEXADIENE, 1,3,5,5,6,6-...	164	C12H20	000000-00-0	14
5		4-Acetonilidene-2,6-dimethyl-(4H...	164	C10H12O2	039588-76-6	10



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

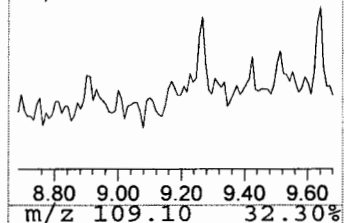
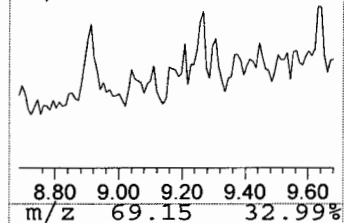
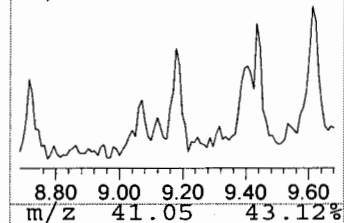
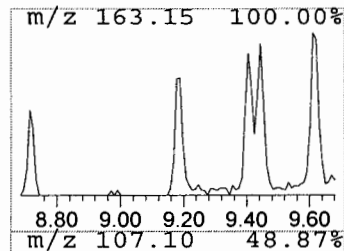
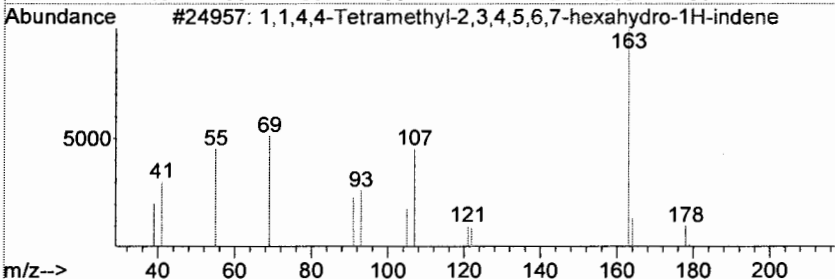
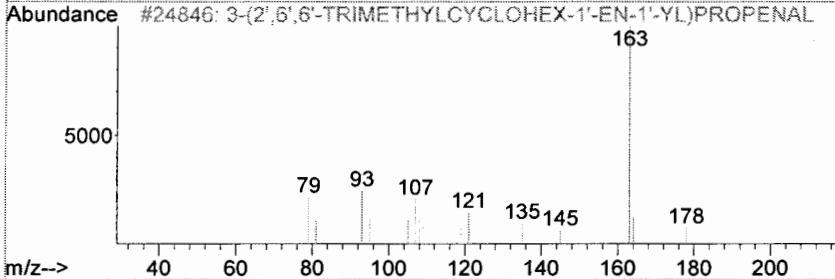
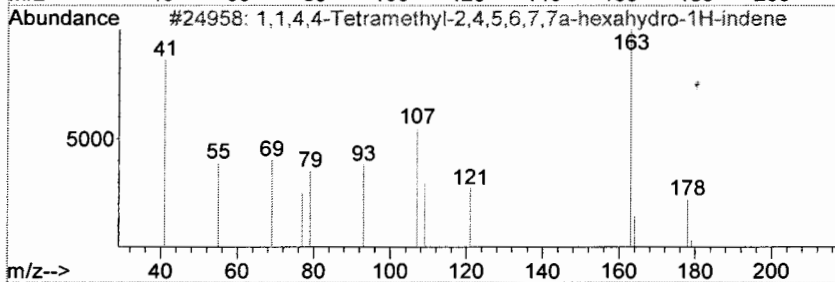
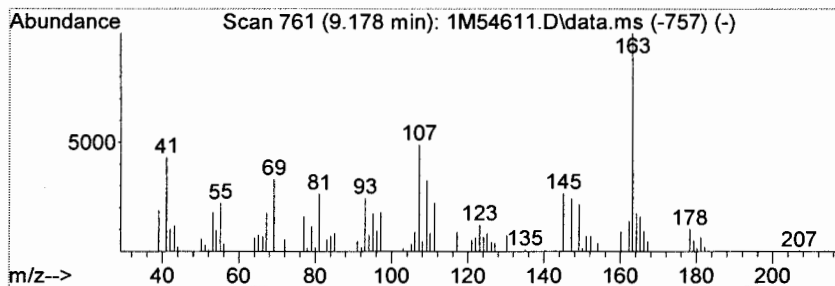
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 8 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.41 ug/l	86130	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,4,4-Tetramethyl-2,4,5,6,7,7a...	178	C13H22	085329-83-5	25
2			3-(2',6',6'-TRIMETHYLCYCLOHEX-1'...	178	C12H18O	053018-97-6	32
3			1,1,4,4-Tetramethyl-2,3,4,5,6,7-...	178	C13H22	085329-77-7	23
4			Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	12
5			s-Triazolo[4,3-a]pyrazine, 3-ami...	163	C7H9N5	019855-02-8	12



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

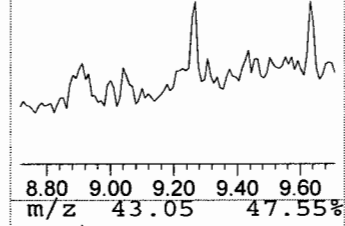
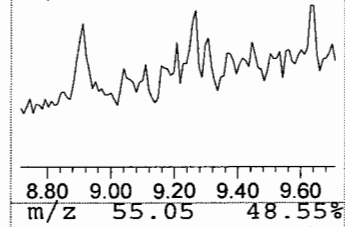
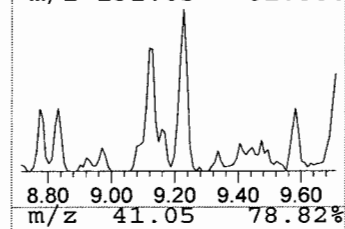
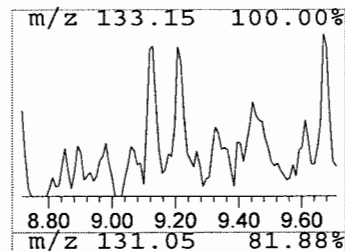
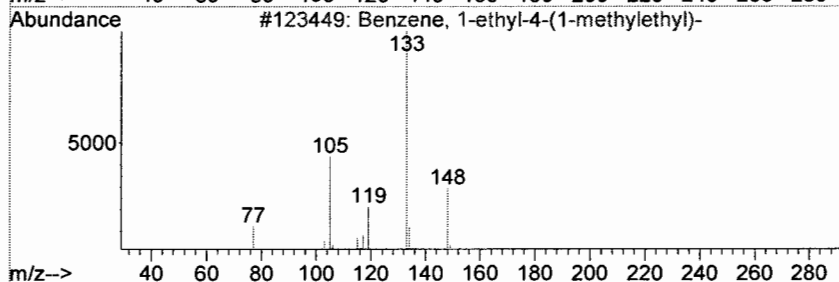
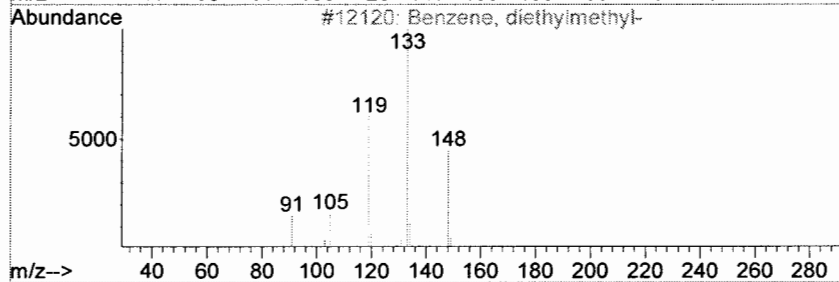
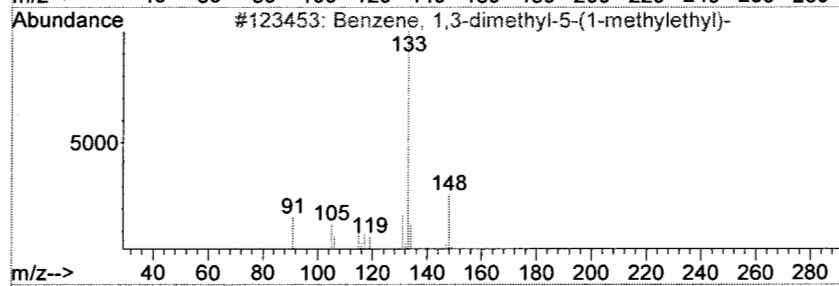
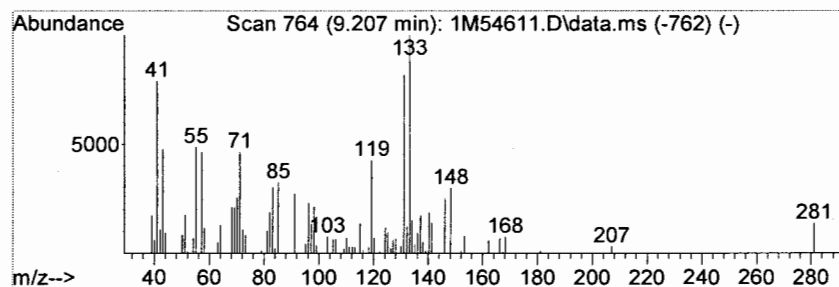
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 9 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	11.66 ug/l	119364	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	14
2			Benzene, diethylmethyl-	148	C11H16	025550-13-4	14
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	25
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	22
5			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	10



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

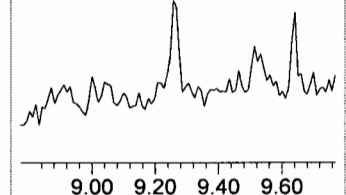
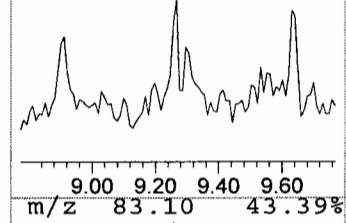
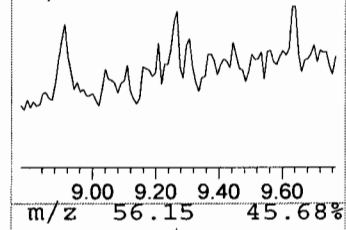
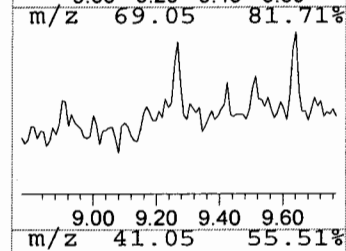
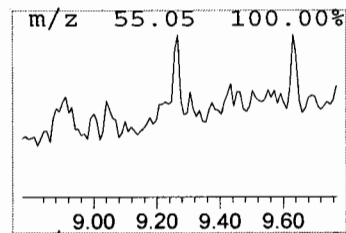
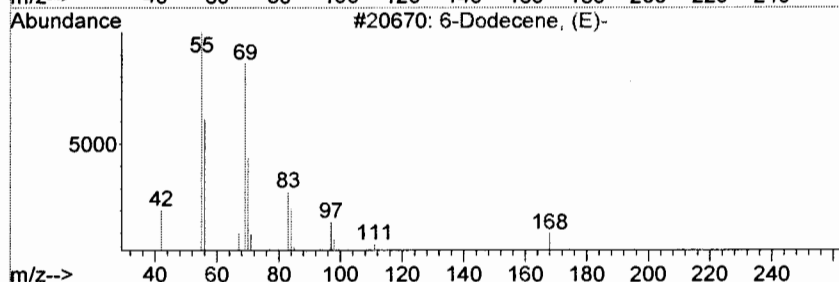
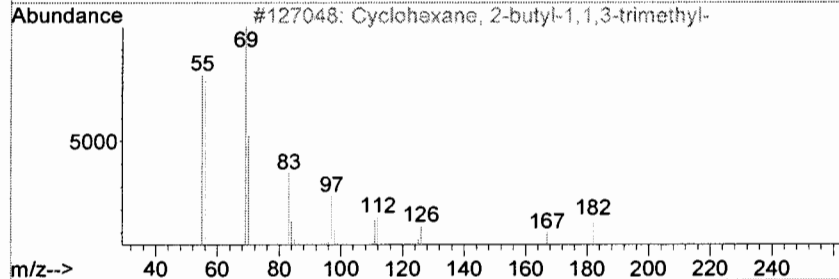
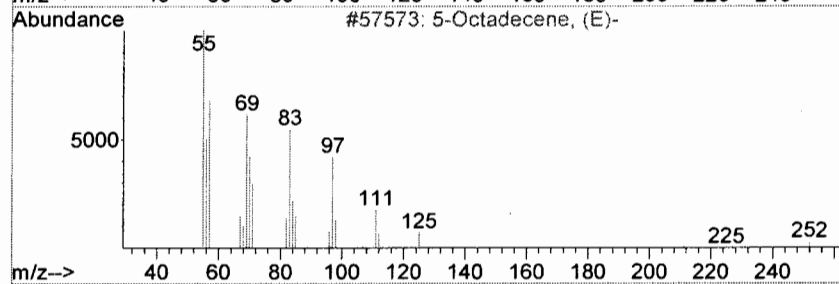
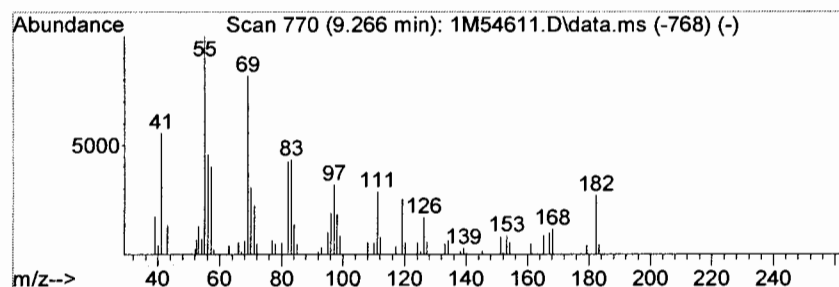
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 10 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	6.74 ug/l	68993	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octadecene, (E)-	252	C18H36	007206-21-5	14
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	14
3		6-Dodecene, (E)-	168	C12H24	007206-17-9	43
4		5-Dodecene, (Z)-	168	C12H24	007206-28-2	14
5		5-UNDECENE, 6-METHYL-, CIS/TRANS	168	C12H24	083687-45-0	14



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

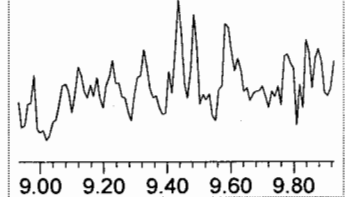
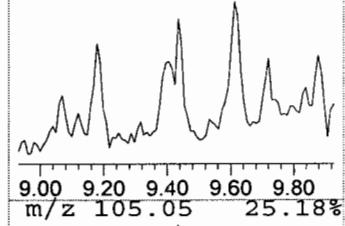
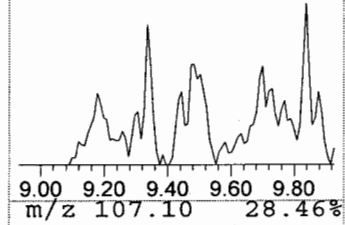
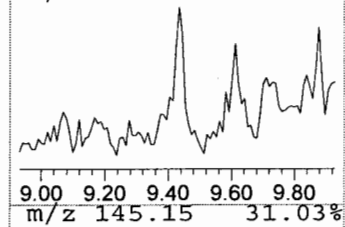
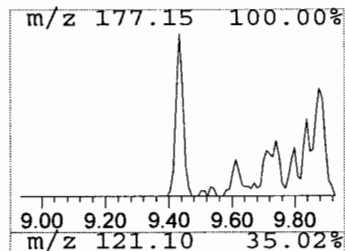
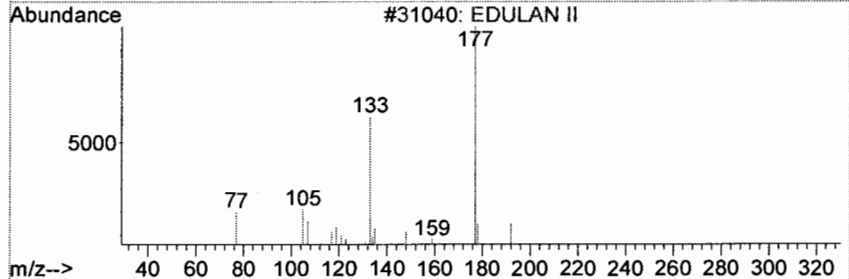
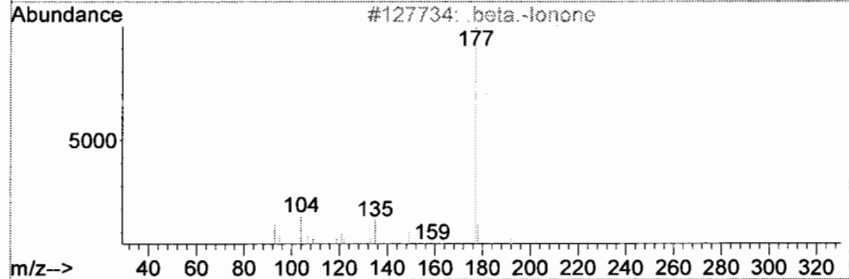
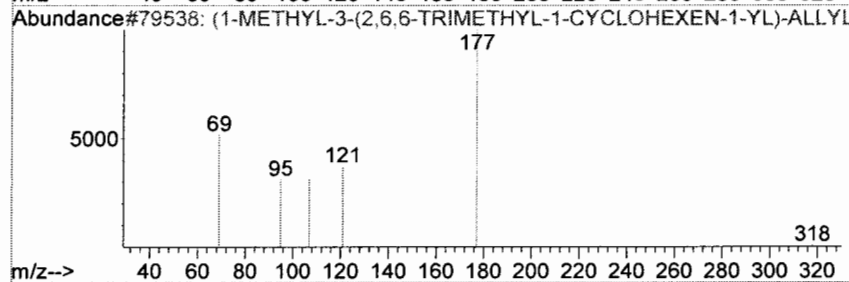
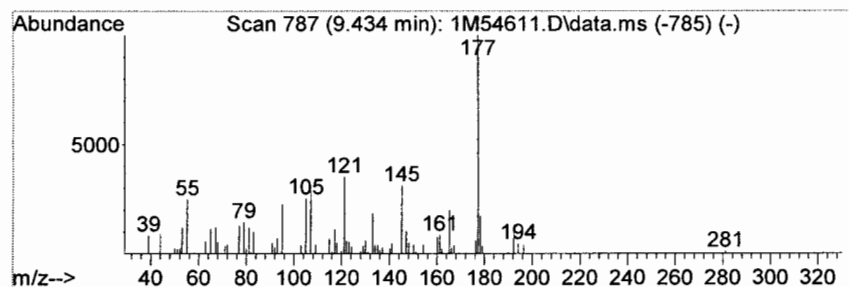
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	9.29 ug/l	95136	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1-METHYL-3-(2,6,6-TRIMETHYL-1-C...	318	C19H26O2S	058096-42-7	28
2			.beta.-Ionone	192	C13H20O	014901-07-6	25
3			EDULAN II	192	C13H20O	041678-30-2	37
4			2,2-Dimethyl-4-azahomoadamant-4-...	177	C12H19N	088537-06-8	37
5			.beta.-Ionone	192	C13H20O	014901-07-6	25



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54611.D
Acq On : 26 Feb 2010 13:30
Operator : SG
Sample : AC50034-004
Misc : S,5G!3
ALS Vial : 28 Sample Multiplier: 1

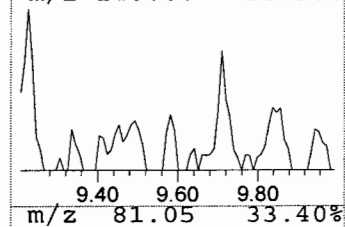
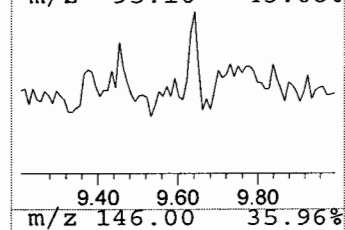
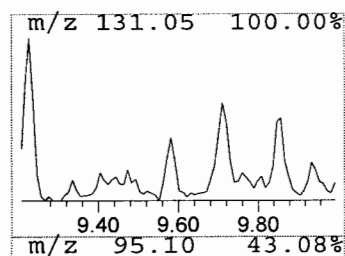
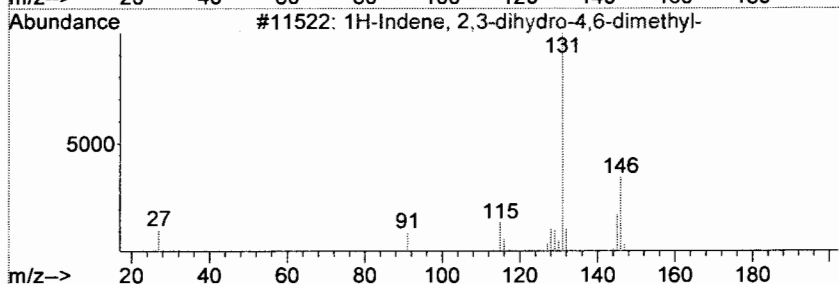
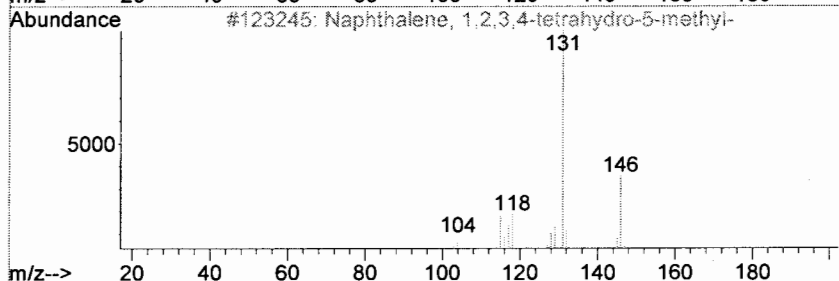
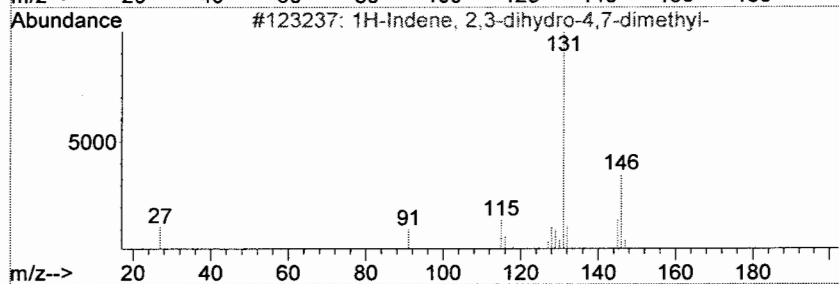
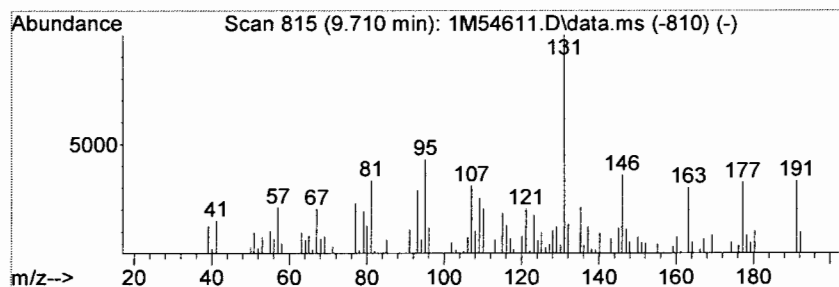
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 13 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	12.96 ug/l	132646	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	38
3			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	30
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	38
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	15



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54611.D
 Acq On : 26 Feb 2010 13:30
 Operator : SG
 Sample : AC50034-004
 Misc : S,5G!3
 ALS Vial : 28 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-----				
					#	ExpRT	ActRt	Resp	Conc
Naphthalene, deca...	8.14	9.9 ug/l		101615	3	7.89	7.89	307119	30.0
unknown	8.33	8.5 ug/l		87138	3	7.89	7.89	307119	30.0
1H-Indene, 2,3-di...	8.43	9.8 ug/l		100191	3	7.89	7.89	307119	30.0
Naphthalene, deca...	8.55	12.7 ug/l		129976	3	7.89	7.89	307119	30.0
Undecane, 2,6-dim...	8.91	21.3 ug/l		218192	3	7.89	7.89	307119	30.0
unknown	9.06	10.5 ug/l		107925	3	7.89	7.89	307119	30.0
unknown	9.12	7.6 ug/l		77614	3	7.89	7.89	307119	30.0
unknown	9.18	8.4 ug/l		86130	3	7.89	7.89	307119	30.0
unknown	9.21	11.7 ug/l		119364	3	7.89	7.89	307119	30.0
unknown	9.27	6.7 ug/l		68993	3	7.89	7.89	307119	30.0
unknown	9.43	9.3 ug/l		95136	3	7.89	7.89	307119	30.0
unknown	9.64	12.3 ug/l		125716	3	7.89	7.89	307119	30.0
unknown	9.71	13.0 ug/l		132646	3	7.89	7.89	307119	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-005

Client Id: PI01-TP-RAQ2022210S01

Data File: 1M54612.D

Analysis Date: 02/26/10 13:46

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.21g

Final Vol: NA

Dilution: 0.960

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0059	U	56-23-5	Carbon Tetrachloride	0.0059	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0059	U	108-90-7	Chlorobenzene	0.0059	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0059	U	75-00-3	Chloroethane	0.0059	U
79-00-5	1,1,2-Trichloroethane	0.0059	U	67-66-3	Chloroform	0.0059	U
75-34-3	1,1-Dichloroethane	0.0059	U	74-87-3	Chloromethane	0.0059	U
75-35-4	1,1-Dichloroethene	0.0059	U	156-59-2	cis-1,2-Dichloroethene	0.0059	U
96-18-4	1,2,3-Trichloropropane	0.0059	U	10061-01-5	cis-1,3-Dichloropropene	0.0059	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	0.0020	124-48-1	Dibromochloromethane	0.0059	U
95-50-1	1,2-Dichlorobenzene	0.0059	U	75-71-8	Dichlorodifluoromethane	0.0059	U
107-06-2	1,2-Dichloroethane	0.0059	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0059	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	0.0059	U	75-09-2	Methylene Chloride	0.0059	U
142-28-9	1,3-Dichloropropane	0.0059	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0059	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0059	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0059	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0059	U	100-42-5	Styrene	0.0059	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0059	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	0.042	127-18-4	Tetrachloroethene	0.0059	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	0.0018
107-13-1	Acrylonitrile	0.0059	U	156-60-5	trans-1,2-Dichloroethene	0.0059	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0059	U
75-27-4	Bromodichloromethane	0.0059	U	79-01-6	Trichloroethene	0.0059	U
75-25-2	Bromoform	0.0059	U	75-69-4	Trichlorofluoromethane	0.0059	U
74-83-9	Bromomethane	0.0059	U	75-01-4	Vinyl Chloride	0.0059	U
75-15-0	Carbon Disulfide	0.0059	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144264

Total Target Concentration 0.046

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005
Client Id: PI01-TP-RAQ2022210S
Data File: 1M54612.D
Analysis Date: 02/26/10 13:46
Date Rec/Extracted: 02/25/10-NA

Matrix: Soil
Initial Vol: 5.21g
Final Vol: NA
Dilution: 0.960
Solids: 81
Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	8.33	0.024 J
2	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.021 J
3	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.022 J
4	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.046 J
5		unknown	9.06	0.024 J
6	17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	9.22	0.021 J
7	85329-77-7	1,1,4,4-Tetramethyl-2,3,4,5,6,7-hexahyd	9.40	0.016 J
8		unknown	9.44	0.022 J
9		unknown	9.64	0.024 J
10	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.71	0.029 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.25*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.*

SampleID : AC50034-005
 Data File: 1M54612.D
 Acq On : 02/26/10 13:46

Operator : SG
 Sam Mult : 1 Vial# : 29
 Misc : S,5G!3

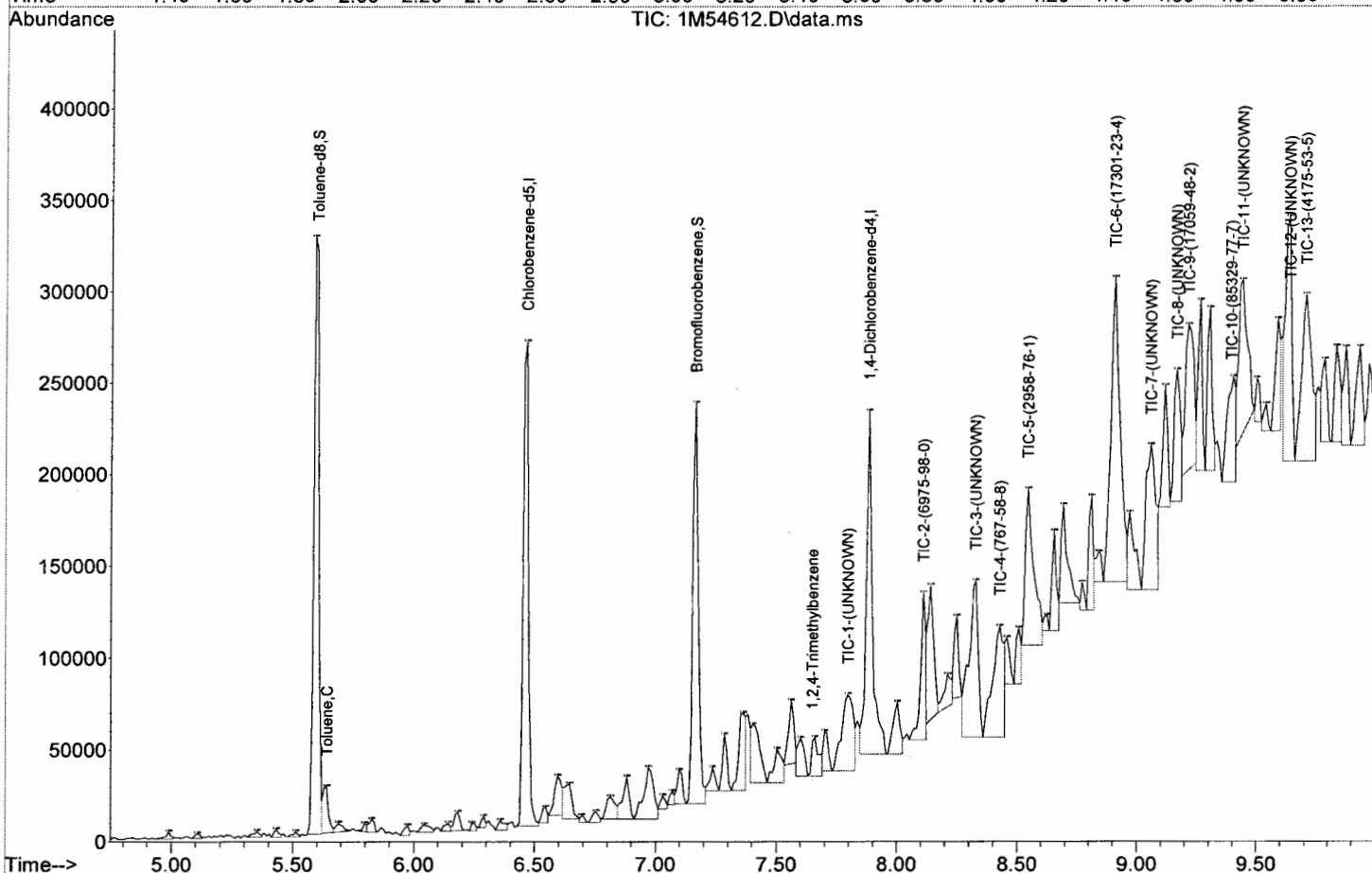
Qt Meth : 1M S0223.M
 Qt On : 02/26/10 15:29
 Qt Upd On: 02/23/10 14:14

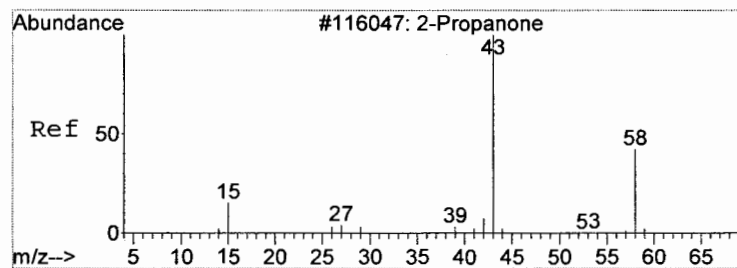
Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.635	96	154878	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.468	117	108779	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.887	152	41246	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	42836	30.71	ug/l	0.01
Spiked Amount 30.000			Recovery =	102.37%		
35) 1,2-Dichloroethane-d4	4.418	102	8540	33.78	ug/l	0.02
Spiked Amount 30.000			Recovery =	112.60%		
59) Toluene-d8	5.601	100	103366	31.66	ug/l	0.02
Spiked Amount 30.000			Recovery =	105.53%		
67) Bromofluorobenzene	7.168	174	46514	38.03	ug/l	0.02
Spiked Amount 30.000			Recovery =	126.77%		
Target Compounds						
17) Acetone	2.516	43	21802	35.81	ug/l	98
60) Toluene	5.640	92	5906	1.55	ug/l	93
85) 1,2,4-Trimethylbenzene	7.651	105	7788	1.69	ug/l	82
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.625		415976	30.00	ug/l	--
2) Chlorobenzene-d5	6.468		407478	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.887		343440	30.00	ug/l	--
Library Search Compounds						
1) UNKNOWN	7.800		147543	12.89	ug/l	--
2) 6975-98-0	8.110		124437	10.87	ug/l	64
3) UNKNOWN	8.330		227685	19.89	ug/l	--
4) 767-58-8	8.430		202065	17.65	ug/l	64
5) 2958-76-1	8.550		215291	18.81	ug/l	38
6) 17301-23-4	8.910		444229	38.80	ug/l	64
7) UNKNOWN	9.060		231962	20.26	ug/l	--
8) UNKNOWN	9.170		136784	11.95	ug/l	--
9) 17059-48-2	9.220		199325	17.41	ug/l	64
10) 85329-77-7	9.400		151432	13.23	ug/l	58
11) UNKNOWN	9.440		214886	18.77	ug/l	--
12) UNKNOWN	9.640		230580	20.14	ug/l	--
13) 4175-53-5	9.710		279347	24.40	ug/l	55

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

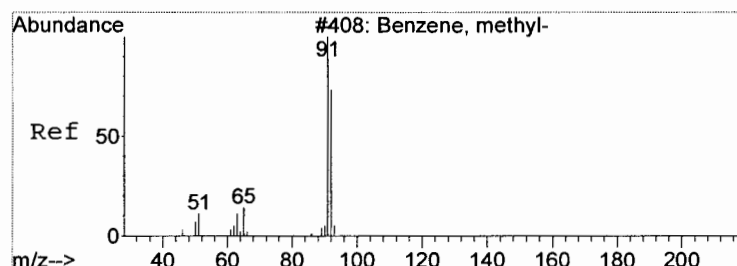
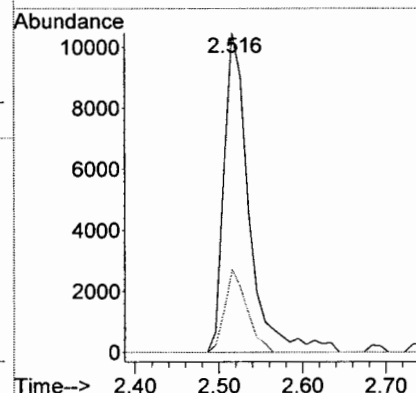
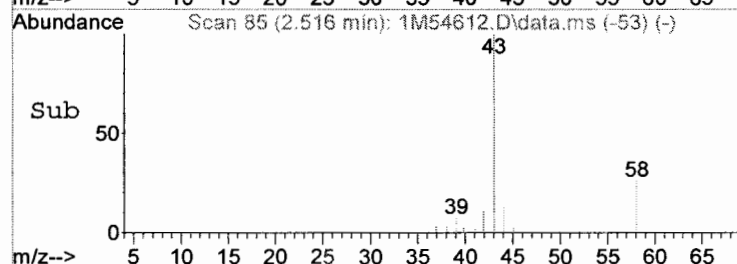
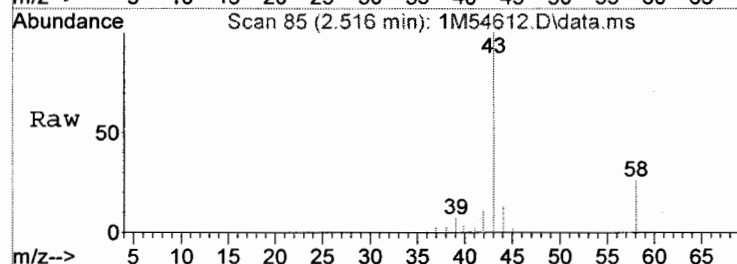
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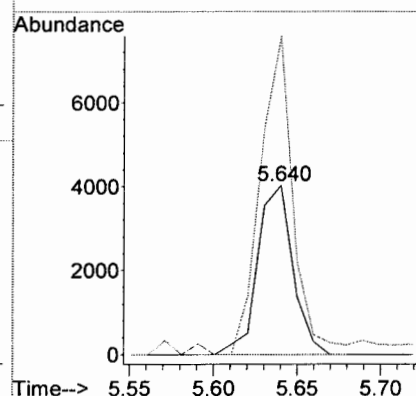
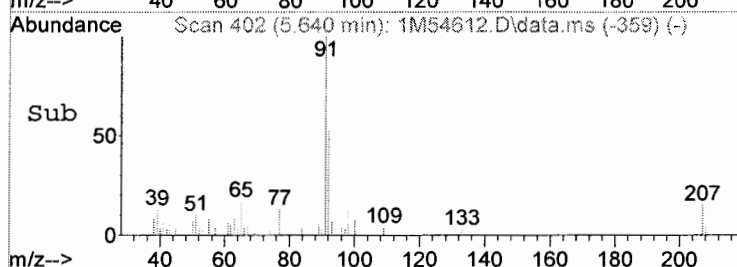
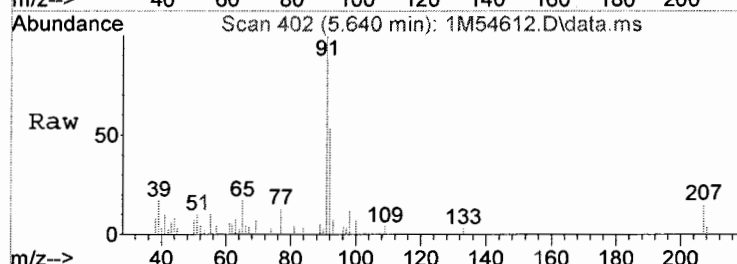
#17
Acetone
Concen: 35.81 ug/l
RT: 2.516 min Scan# 85
Delta R.T. 0.011 min
Lab File: 1M54612.D
Acq: 26 Feb 2010 13:46

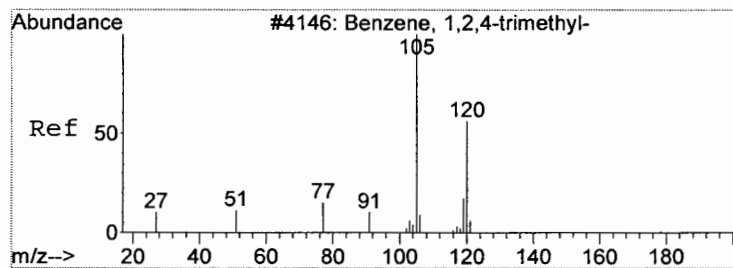
Tgt Ion: 43 Resp: 21802
Ion Ratio Lower Upper
43 100
58 26.0 0.0 64.8



#60
Toluene
Concen: 1.55 ug/l
RT: 5.640 min Scan# 402
Delta R.T. 0.021 min
Lab File: 1M54612.D
Acq: 26 Feb 2010 13:46

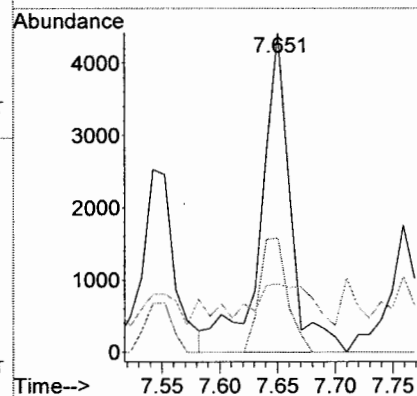
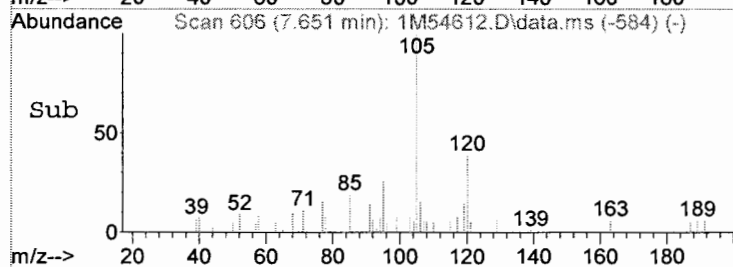
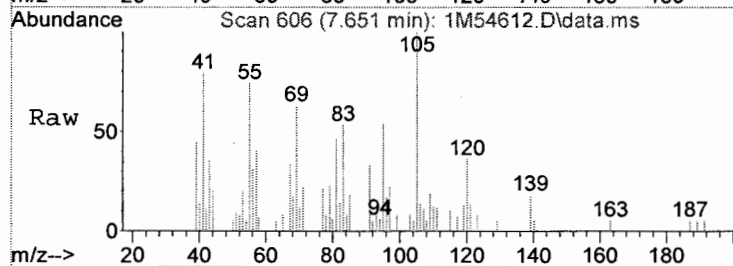
Tgt Ion: 92 Resp: 5906
Ion Ratio Lower Upper
92 100
91 182.8 104.1 242.9





#85
1,2,4-Trimethylbenzene
Concen: 1.69 ug/l
RT: 7.651 min Scan# 606
Delta R.T. 0.020 min
Lab File: 1M54612.D
Acq: 26 Feb 2010 13:46

Tgt Ion:	105	Resp:	7788
Ion	Ratio	Lower	Upper
105	100		
120	33.9	12.2	92.2
77	24.4	0.0	66.0



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G13
 ALS Vial : 29 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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: 1M54612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.561	17	21	24	rBV2	2330	11706	2.39%	0.153%
2	2.030	47	49	54	rVB2	2882	8343	1.70%	0.109%
3	2.516	82	85	93	rBV	17019	32103	6.54%	0.420%
4	2.674	98	101	104	rBV	6245	8594	1.75%	0.112%
5	2.841	114	118	125	rBV	26243	40234	8.20%	0.526%
6	3.856	216	221	223	rBV2	4065	6715	1.37%	0.088%
7	3.896	223	225	230	rVB	6507	9294	1.89%	0.122%
8	4.181	251	254	262	rBV	97690	150196	30.62%	1.965%
9	4.408	274	277	281	rBV	89015	129056	26.31%	1.689%
10	4.467	281	283	285	rVB2	3954	5426	1.11%	0.071%
11	4.625	296	299	307	rBV	282232	413985	84.39%	5.417%
12	4.990	330	336	338	rBV2	3787	5790	1.18%	0.076%
13	5.108	346	348	350	rBV	2584	4157	0.85%	0.054%
14	5.354	369	373	375	rBV3	3130	6095	1.24%	0.080%
15	5.433	379	381	383	rBV3	4406	6557	1.34%	0.086%
16	5.512	385	389	391	rBV3	2824	4538	0.93%	0.059%
17	5.591	394	397	400	rBV	325836	490581	100.00%	6.419%
18	5.640	400	402	405	rVV	24913	38351	7.82%	0.502%
19	5.689	405	407	412	rVB6	4379	9480	1.93%	0.124%
20	5.798	415	418	419	rBV2	3868	5310	1.08%	0.069%
21	5.827	419	421	423	rVV	7026	10474	2.14%	0.137%
22	5.975	433	436	437	rBV3	5030	7999	1.63%	0.105%
23	6.044	440	443	447	rBV5	3830	10468	2.13%	0.137%
24	6.143	450	453	454	rBV3	4281	7530	1.53%	0.099%
25	6.182	454	457	460	rVB3	9859	16184	3.30%	0.212%
26	6.241	462	463	465	rBV2	4089	5930	1.21%	0.078%
27	6.291	465	468	469	rVV2	5893	7249	1.48%	0.095%
28	6.360	473	475	478	rBV4	5250	11535	2.35%	0.151%
29	6.468	482	486	491	rBV	264019	404404	82.43%	5.292%
30	6.547	491	494	495	rBV2	8284	13774	2.81%	0.180%
31	6.596	495	499	501	rBV4	21090	46051	9.39%	0.603%
32	6.645	501	504	508	rVB4	18818	40524	8.26%	0.530%
33	6.695	508	509	512	rVB3	3729	4125	0.84%	0.054%
34	6.754	512	515	517	rBV3	5784	11380	2.32%	0.149%
35	6.813	517	521	524	rBV5	12117	32508	6.63%	0.425%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	6.882	524	528	531	rVB5	22642	42474	8.66%	0.556%
37	6.971	531	537	541	rBV7	27889	81779	16.67%	1.070%
38	7.030	541	543	545	rBV3	7217	10620	2.16%	0.139%
39	7.069	545	547	548	rBV2	7182	10203	2.08%	0.134%
40	7.099	548	550	553	rVB3	18042	28378	5.78%	0.371%
41	7.168	553	557	561	rBV3	218246	351727	71.70%	4.602%
42	7.237	561	564	567	rVB4	12504	19642	4.00%	0.257%
43	7.286	567	569	572	rBV2	30484	40500	8.26%	0.530%
44	7.365	572	577	578	rBV4	41685	88014	17.94%	1.152%
45	7.404	580	581	587	rVB5	31447	73338	14.95%	0.960%
46	7.503	587	591	594	rBV5	18099	46159	9.41%	0.604%
47	7.562	594	597	599	rVV3	34529	56417	11.50%	0.738%
48	7.601	599	601	604	rVB3	20206	38285	7.80%	0.501%
49	7.661	604	607	610	rBV4	20784	44953	9.16%	0.588%
50	7.700	610	611	614	rVB3	21361	29723	6.06%	0.389%
51	7.799	614	621	624	rBV5	41556	147543	30.08%	1.931%
52	7.887	626	630	637	rVB	186899	329314	67.13%	4.309%
53	8.005	637	642	644	rBV3	28165	59391	12.11%	0.777%
54	8.114	647	653	654	rBV2	79940	124437	25.37%	1.628%
55	8.143	654	656	659	rVV3	75007	121242	24.71%	1.586%
56	8.212	659	663	665	rVV4	19973	41331	8.42%	0.541%
57	8.252	665	667	669	rVB	44581	55776	11.37%	0.730%
58	8.331	669	675	678	rVB6	85032	227685	46.41%	2.979%
59	8.429	678	685	687	rBV6	60367	202065	41.19%	2.644%
60	8.459	687	688	691	rVB3	24971	28716	5.85%	0.376%
61	8.508	691	693	694	rBV2	30221	44672	9.11%	0.585%
62	8.548	694	697	703	rBV5	85111	215291	43.88%	2.817%
63	8.626	703	705	706	rVB2	8326	9658	1.97%	0.126%
64	8.656	706	708	710	rBV2	54160	73268	14.93%	0.959%
65	8.695	710	712	719	rBV4	53237	101247	20.64%	1.325%
66	8.774	719	720	722	rVB2	14999	13757	2.80%	0.180%
67	8.814	722	724	725	rBV	62021	82343	16.78%	1.077%
68	8.843	725	727	729	rVB3	16378	26208	5.34%	0.343%
69	8.912	729	734	739	rBV4	166269	444229	90.55%	5.813%
70	8.971	739	740	745	rVB5	42081	73300	14.94%	0.959%
71	9.060	745	749	752	rBV5	78898	231962	47.28%	3.035%
72	9.119	752	755	757	rBV4	66302	88929	18.13%	1.164%
73	9.168	757	760	762	rBV3	71879	136784	27.88%	1.790%
74	9.218	762	765	768	rVV4	76320	199325	40.63%	2.608%
75	9.267	768	770	772	rVB	93292	107185	21.85%	1.403%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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

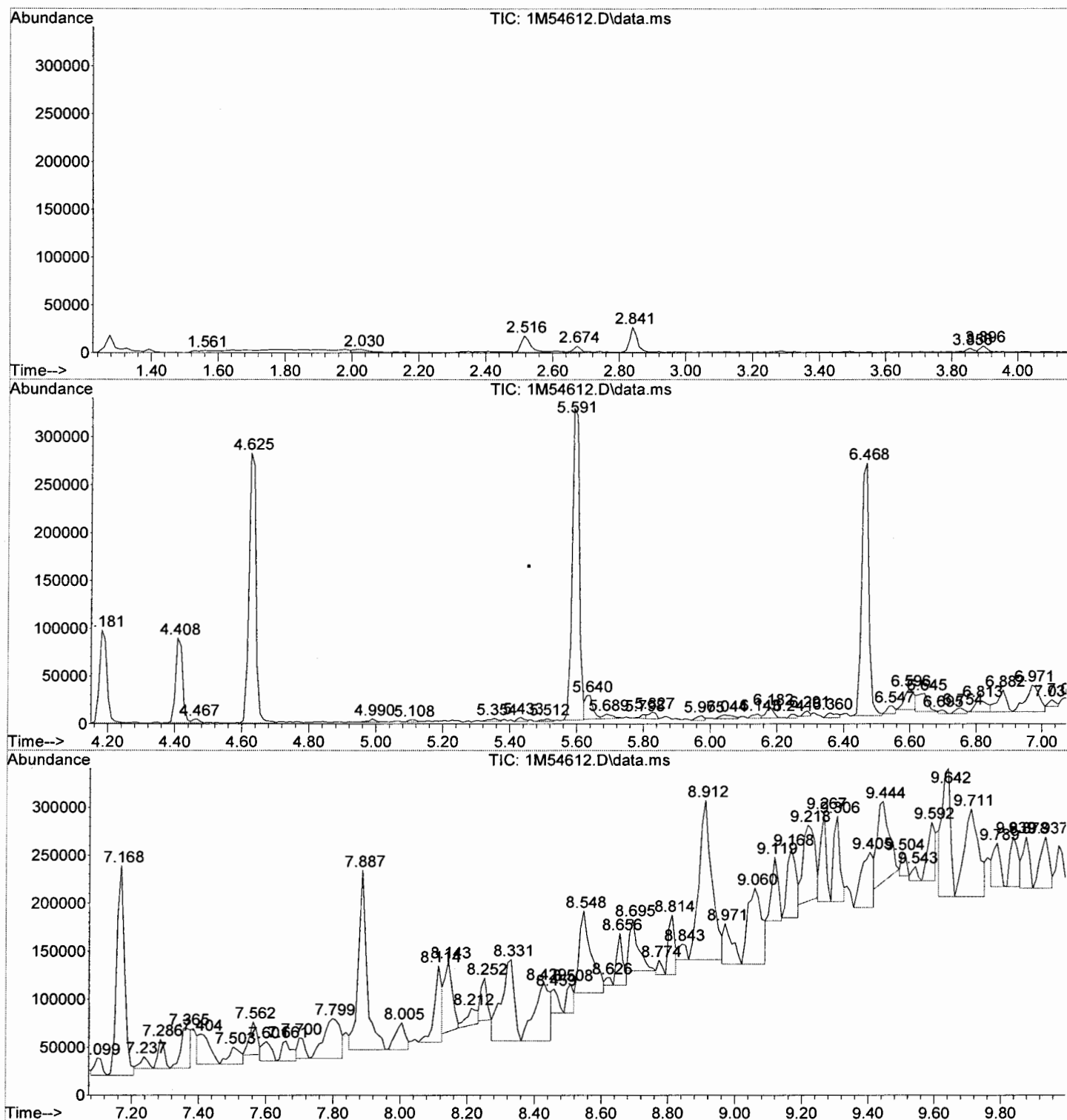
76	9.306	772	774	776	rBV2	89130	121779	24.82%	1.593%
77	9.405	779	784	785	rBV3	57669	151432	30.87%	1.981%
78	9.444	785	788	793	rVB5	84288	214886	43.80%	2.812%
79	9.504	793	794	796	rVB2	23915	26527	5.41%	0.347%
80	9.543	796	798	800	rVB3	14923	17016	3.47%	0.223%
81	9.592	800	803	804	rBV3	61286	100343	20.45%	1.313%
82	9.642	805	808	810	rVB2	133747	230580	47.00%	3.017%
83	9.711	810	815	819	rBV6	91176	279347	56.94%	3.655%
84	9.789	821	823	826	rVB4	45251	65598	13.37%	0.858%
85	9.839	826	828	830	rBV3	52269	91672	18.69%	1.200%
86	9.878	830	832	834	rVB2	53769	73397	14.96%	0.960%
87	9.937	834	838	840	rBV4	53899	105271	21.46%	1.377%

Sum of corrected areas: 7642364

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54612.D
Acq On : 26 Feb 2010 13:46
Operator : SG
Sample : AC50034-005
Misc : S,5G!3
ALS Vial : 29 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54612.D
Acq On : 26 Feb 2010 13:46
Operator : SG
Sample : AC50034-005
Misc : S,5G!3
ALS Vial : 29 Sample Multiplier: 1

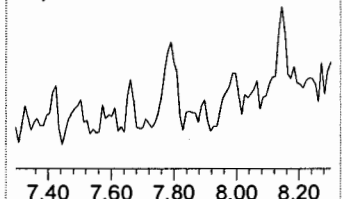
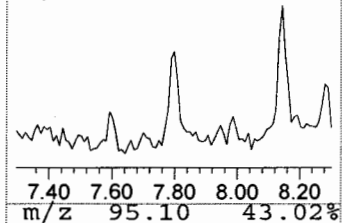
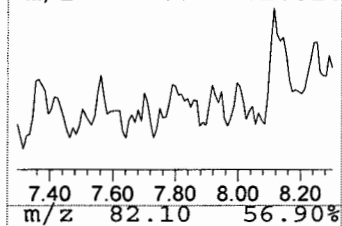
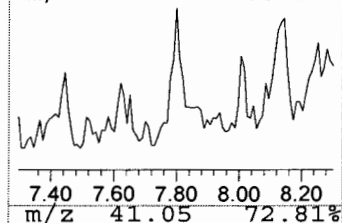
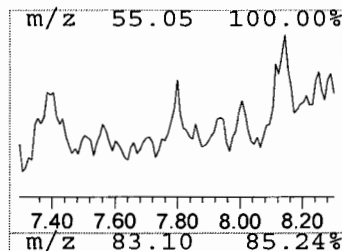
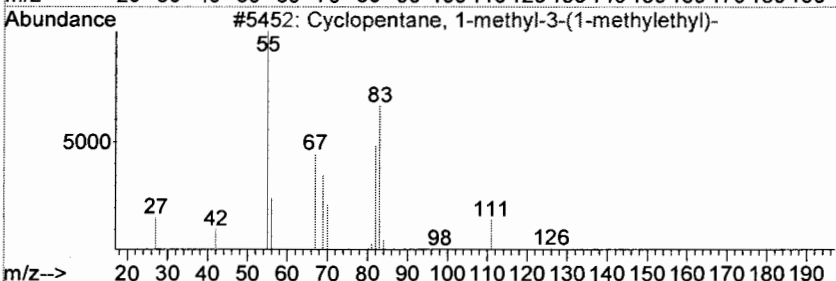
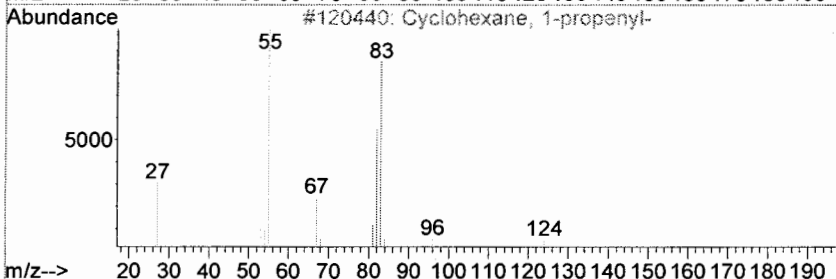
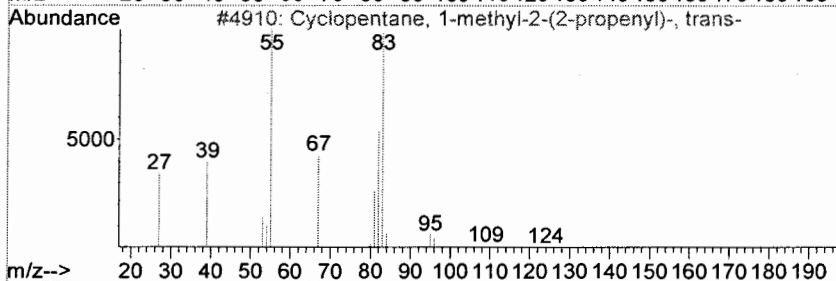
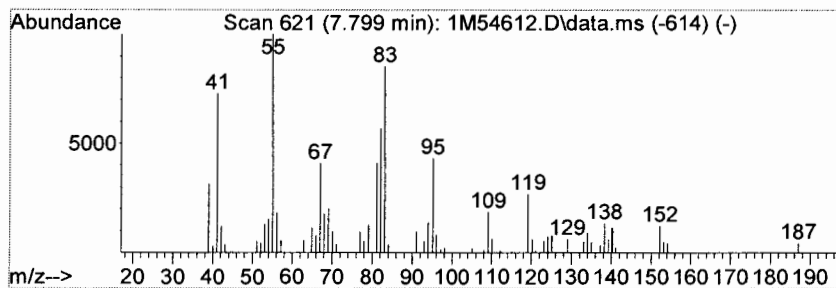
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	12.89 ug/l	147543	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	37
2			Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	43
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	37
4			1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	10
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	16



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54612.D
Acq On : 26 Feb 2010 13:46
Operator : SG
Sample : AC50034-005
Misc : S,5G!3
ALS Vial : 29 Sample Multiplier: 1

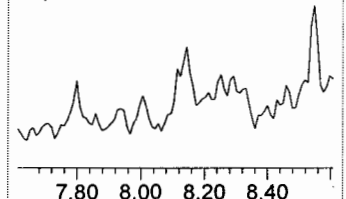
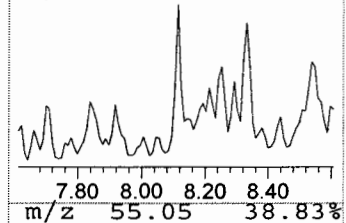
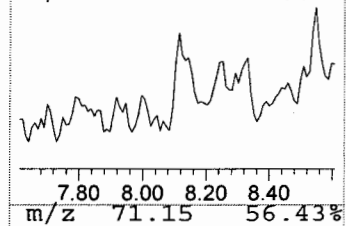
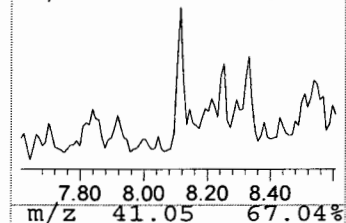
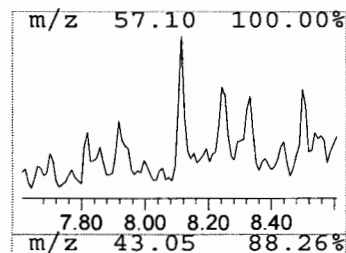
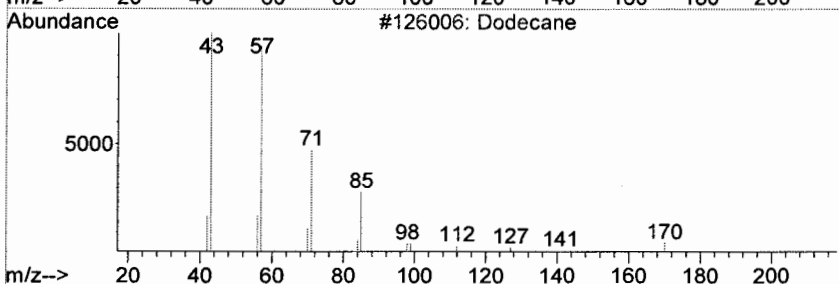
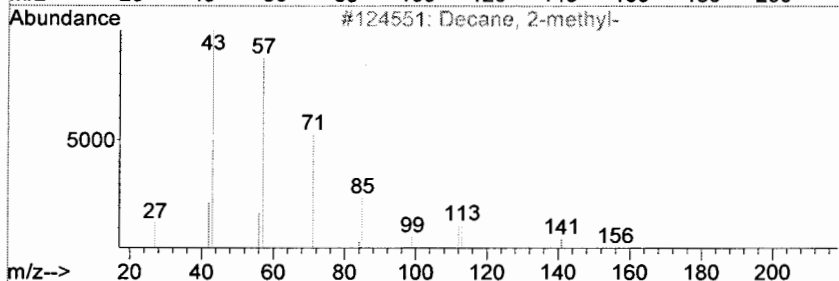
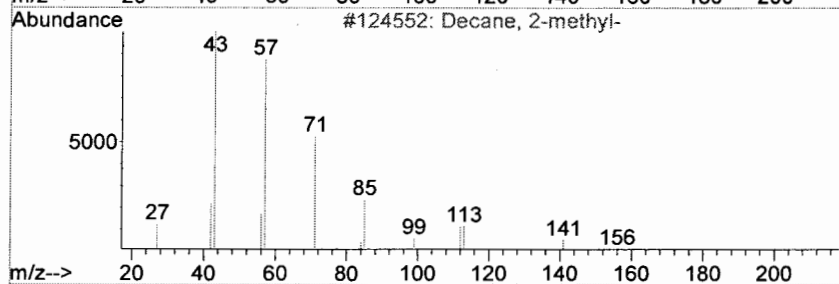
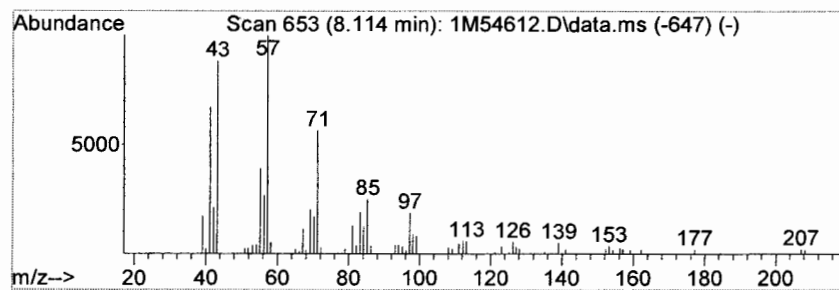
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	10.87 ug/l	124437	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	64
2			Decane, 2-methyl-	156	C11H24	006975-98-0	64
3			Dodecane	170	C12H26	000112-40-3	64
4			Tridecane	184	C13H28	000629-50-5	59
5			Decane, 2-methyl-	156	C11H24	006975-98-0	64



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Sample : AC50034-005
 Misc : S,5G13
 ALS Vial : 29 Sample Multiplier: 1

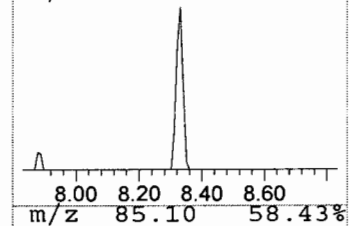
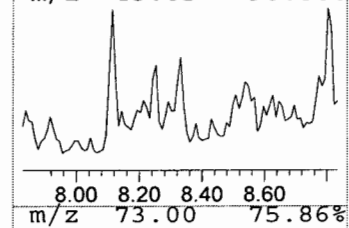
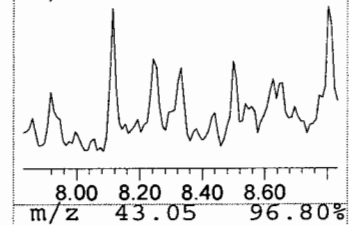
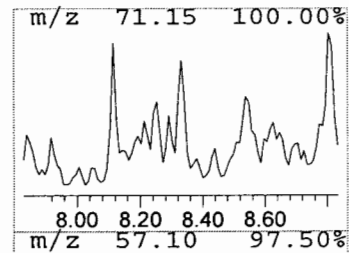
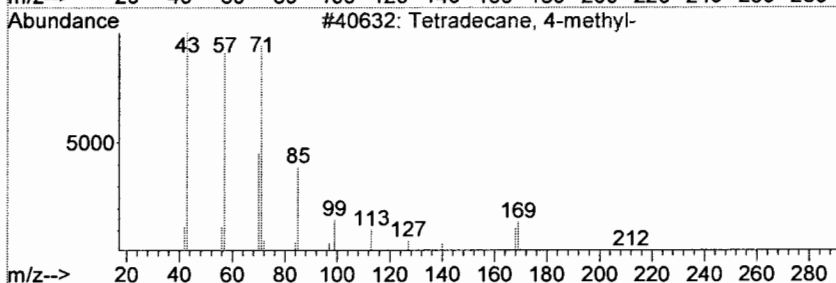
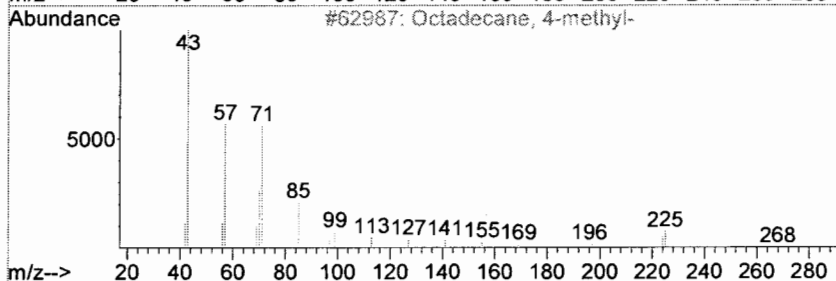
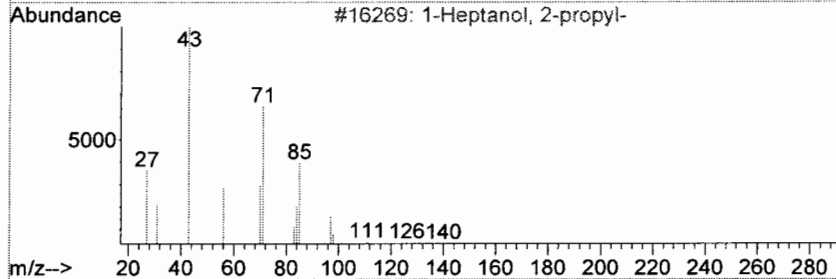
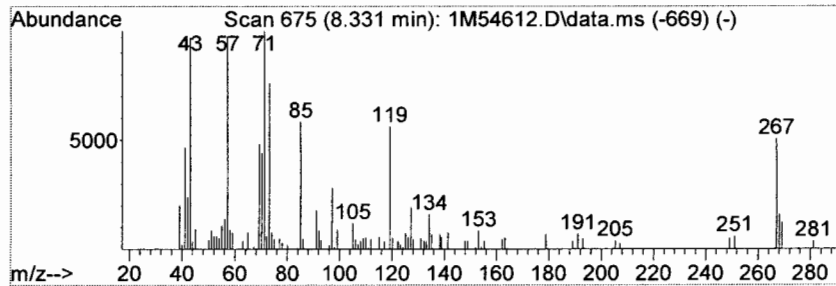
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	19.89 ug/l	227685	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	37
2		Octadecane, 4-methyl-	268	C19H40	010544-95-3	25
3		Tetradecane, 4-methyl-	212	C15H32	025117-24-2	25
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	35
5		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	25



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
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 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

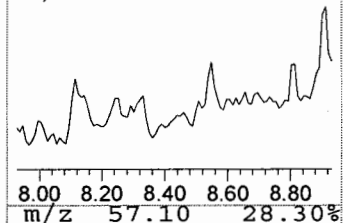
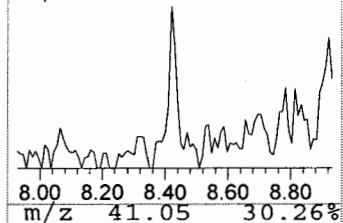
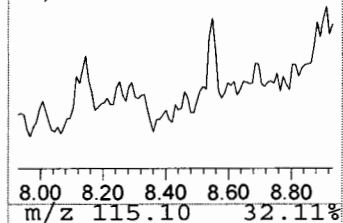
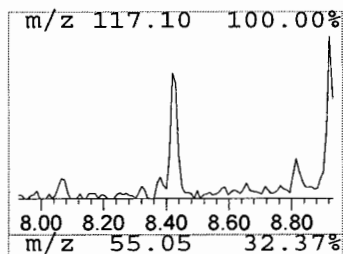
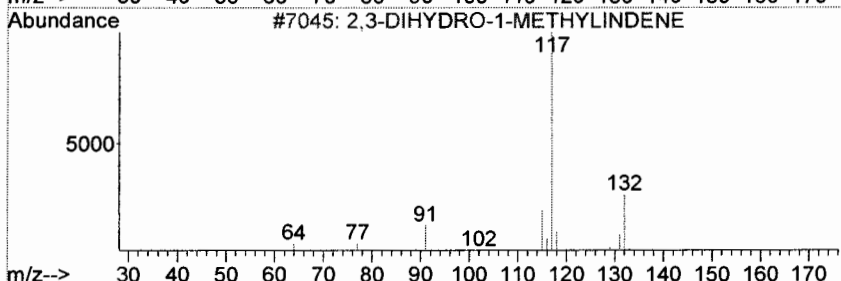
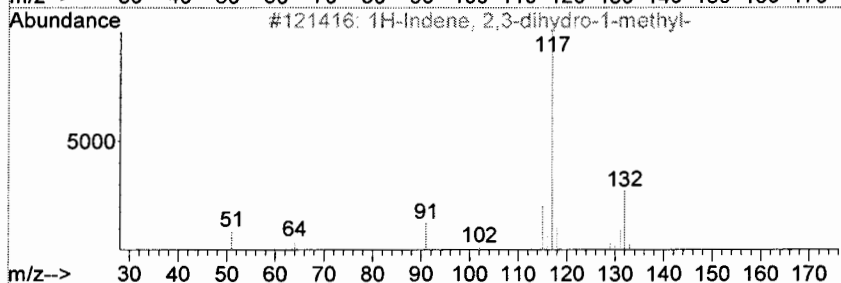
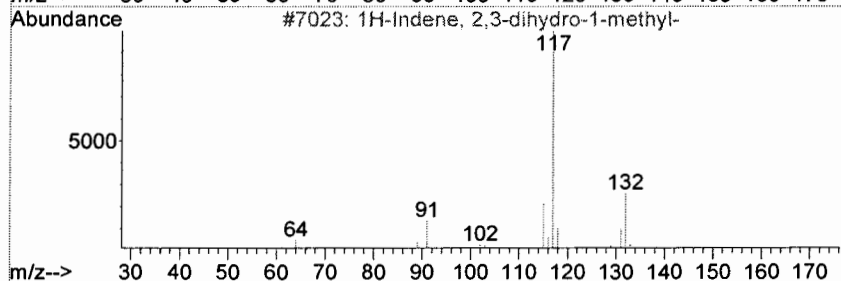
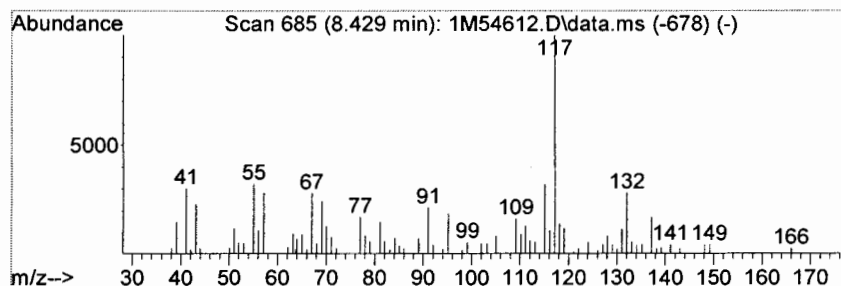
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 1H-Indene, 2,3-dihydro-1-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	17.65 ug/l	202065	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	64
2			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	76
3			2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	68
4			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	58
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	35



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
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 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

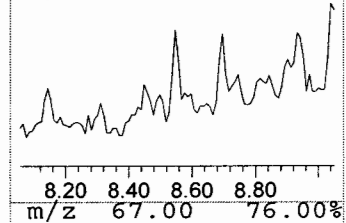
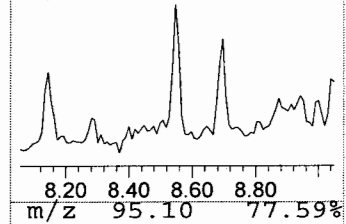
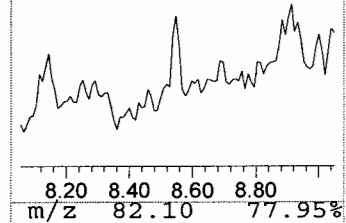
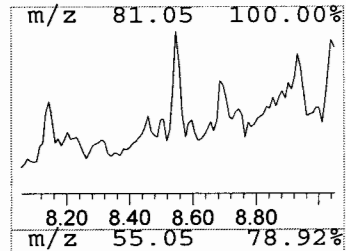
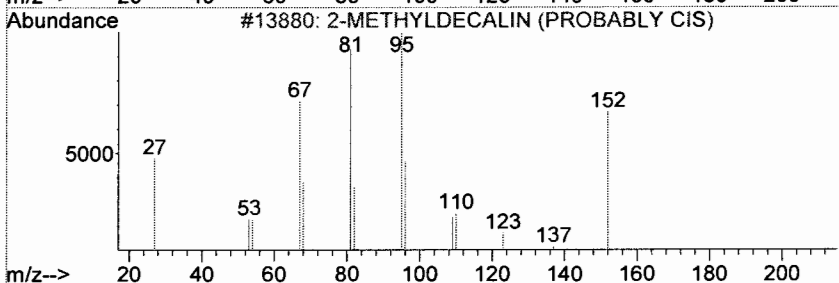
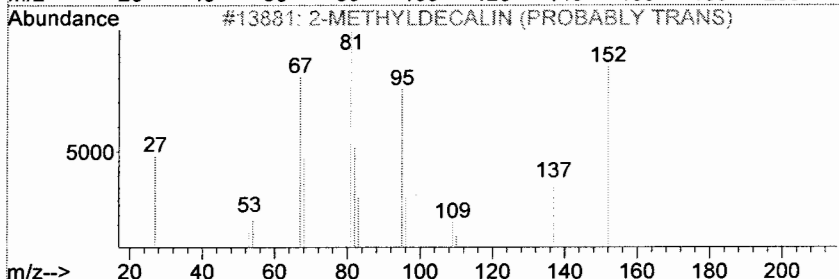
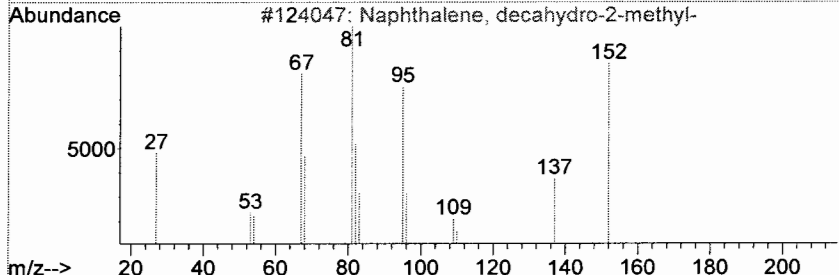
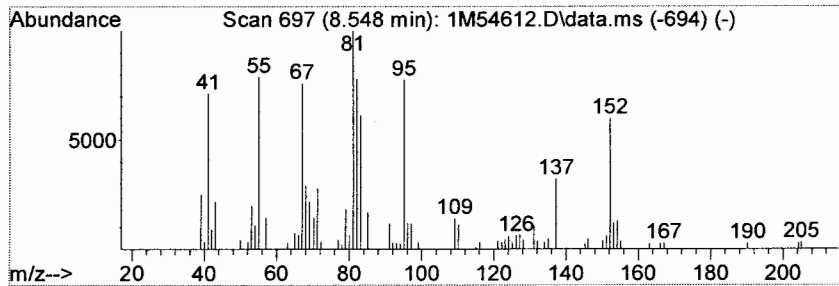
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	18.81 ug/l	215291	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
2		2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	38
3		2-METHYLDECALIN (PROBABLY CIS)	152	C11H20	000000-00-0	50
4		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	50
5		CIS-SYN-2-METHYL-DECAHYDRONAPHTH...	152	C11H20	000000-00-0	43



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
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 Operator : SG
 Sample : AC50034-005
 Misc : S,5G13
 ALS Vial : 29 Sample Multiplier: 1

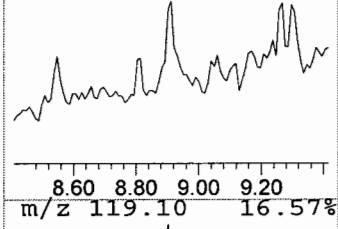
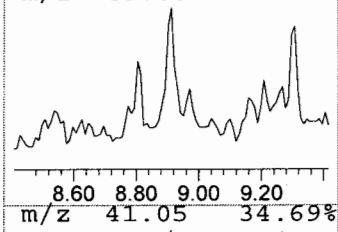
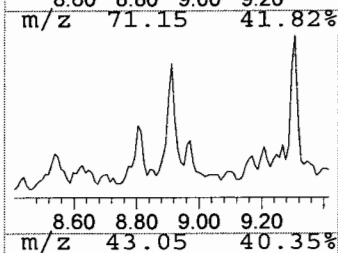
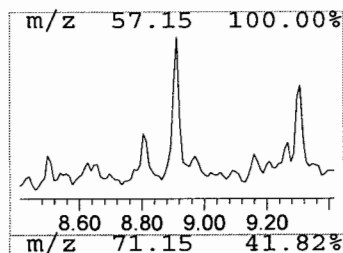
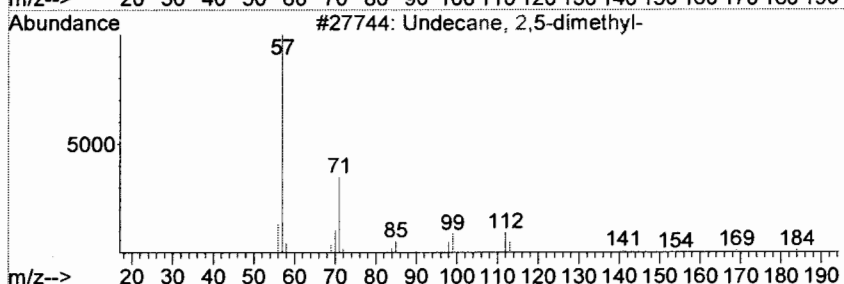
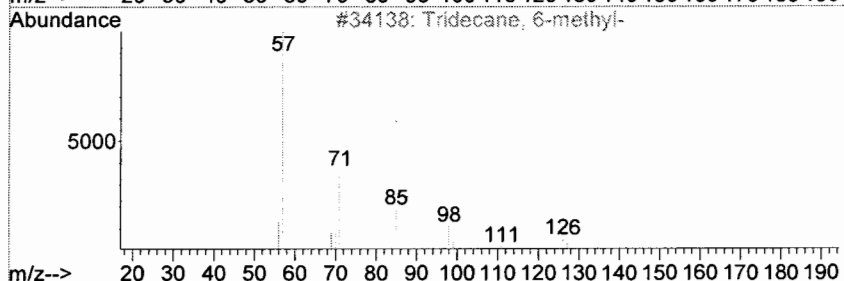
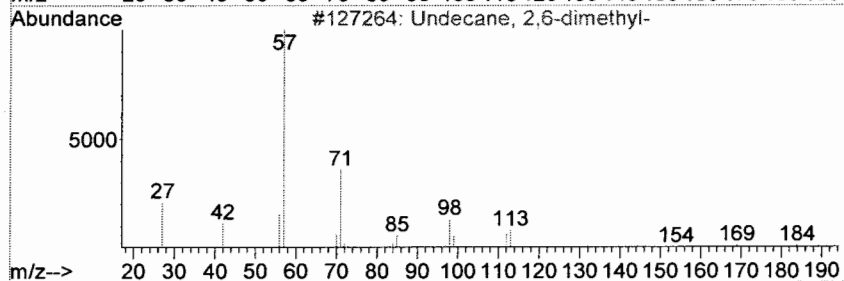
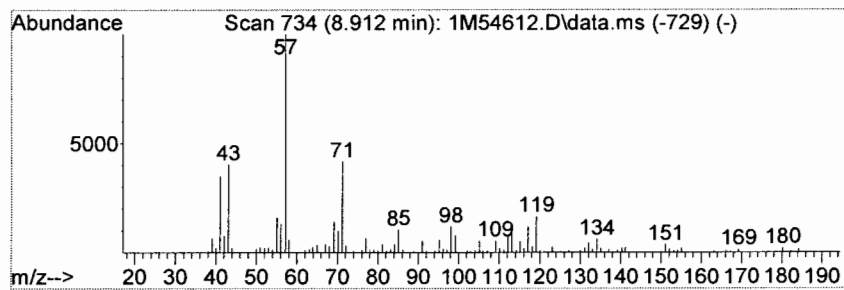
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	38.80 ug/l	444229	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	60
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	47



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Sample : AC50034-005
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 ALS Vial : 29 Sample Multiplier: 1

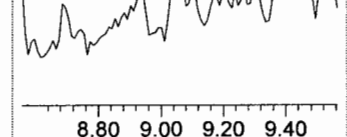
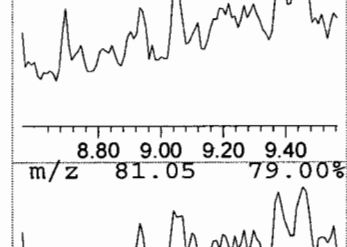
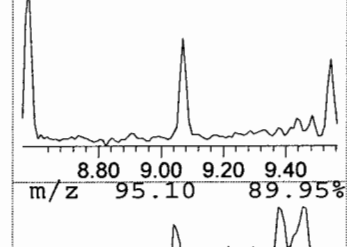
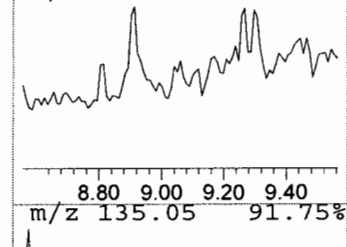
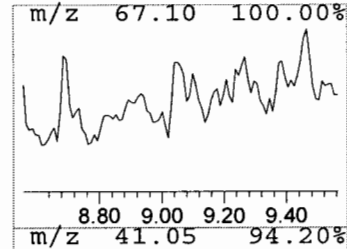
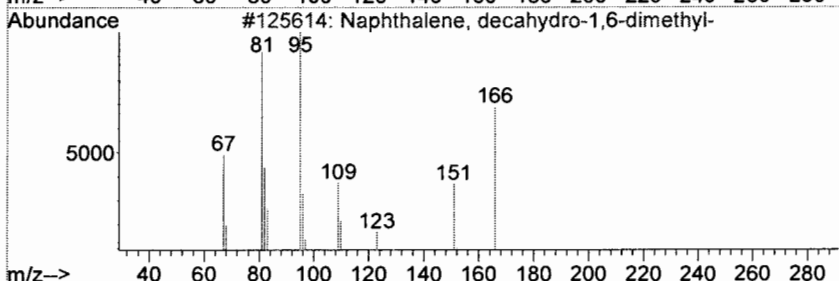
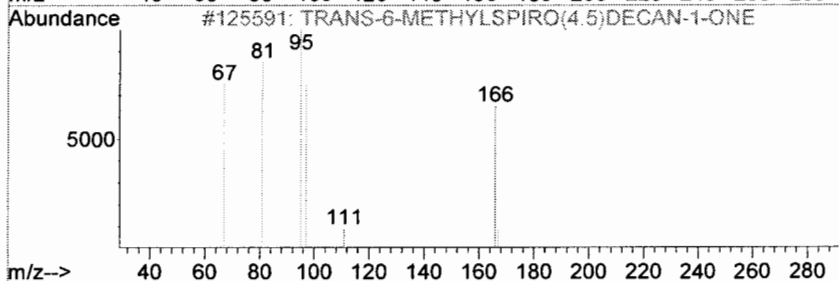
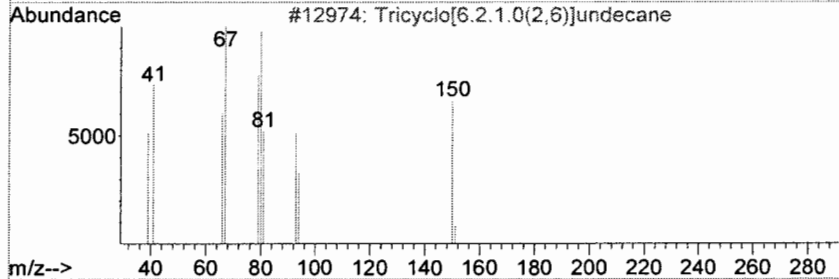
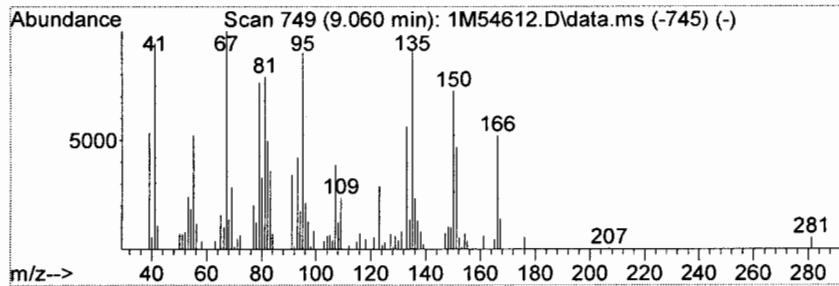
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	20.26 ug/l	231962	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[6.2.1.0(2,6)]undecane	150	C11H18	051027-86-2	22
2			TRANS-6-METHYLSPIRO(4.5)DECAN-1-ONE	166	C11H18O	035653-44-2	27
3			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	11
4			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	42
5			2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	30



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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Misc : S,5G13
ALS Vial : 29 Sample Multiplier: 1

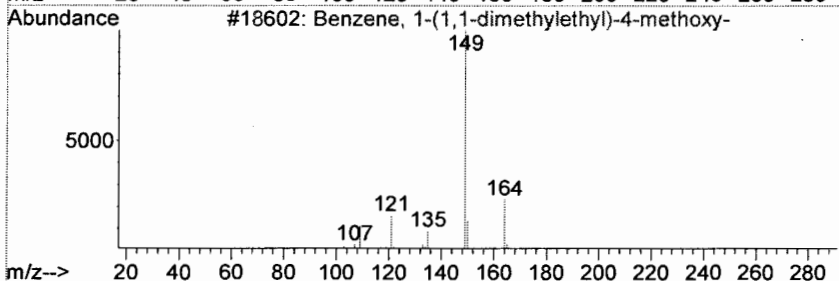
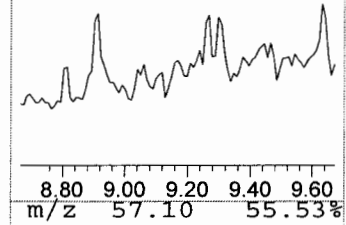
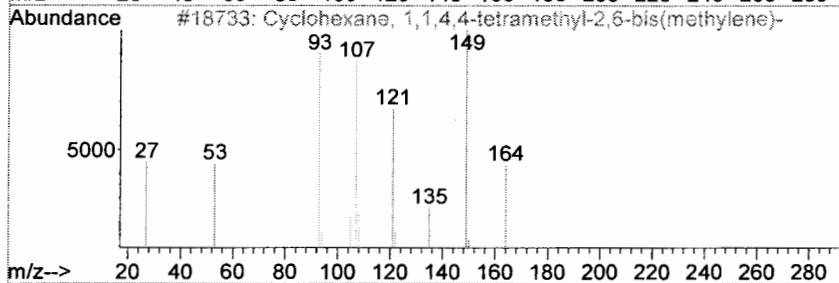
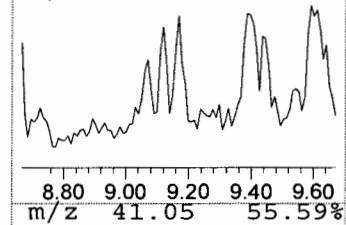
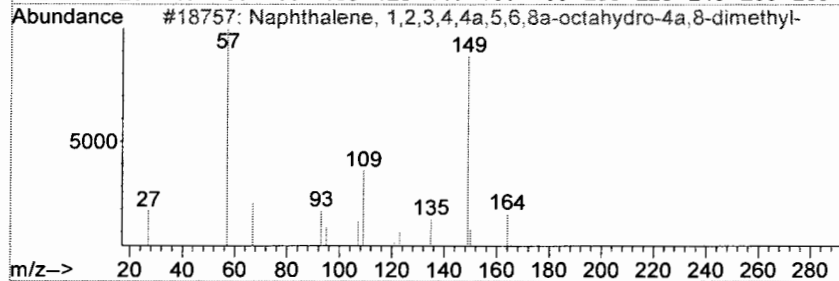
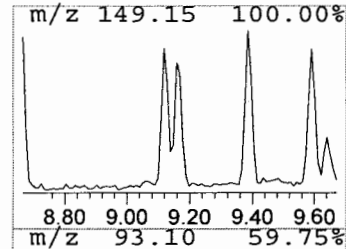
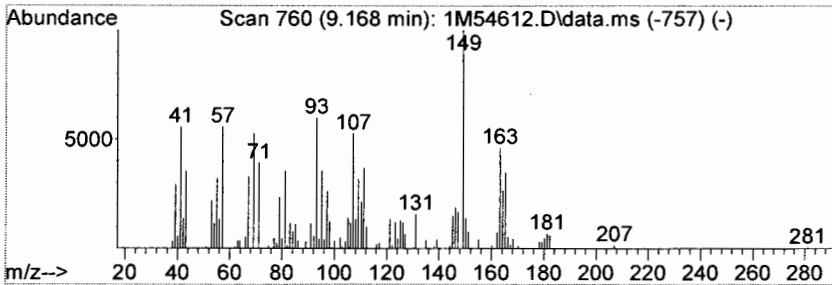
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 8 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	11.95 ug/l	136784	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	164	C12H20	055976-09-5	27
2			Cyclohexane, 1,1,4,4-tetramethyl...	164	C12H20	040482-18-6	25
3			Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	22
4			Benzoic acid, 4-(1-methylethyl)-	164	C10H12O2	000536-66-3	22
5			2-ISOPROPYL-1-METHOXY-4-METHYLBE...	164	C11H16O	000000-00-0	22



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

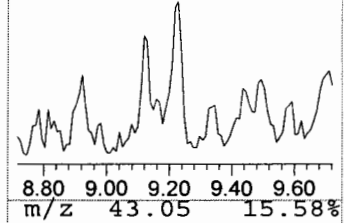
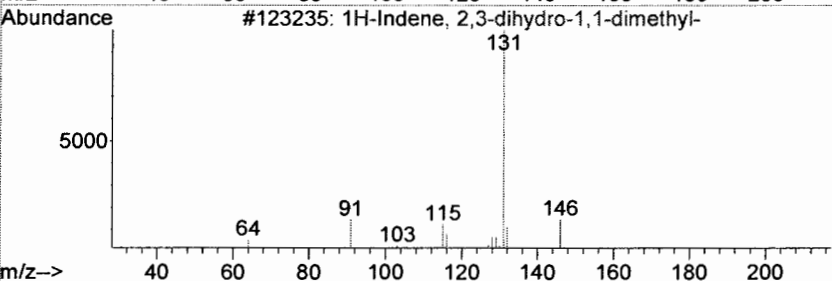
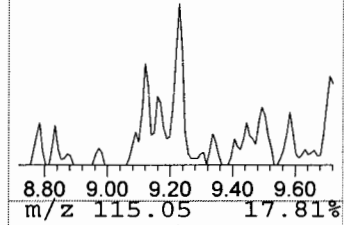
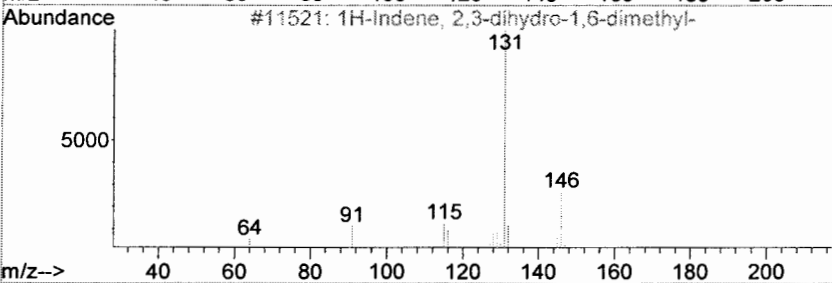
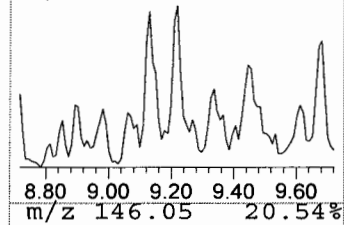
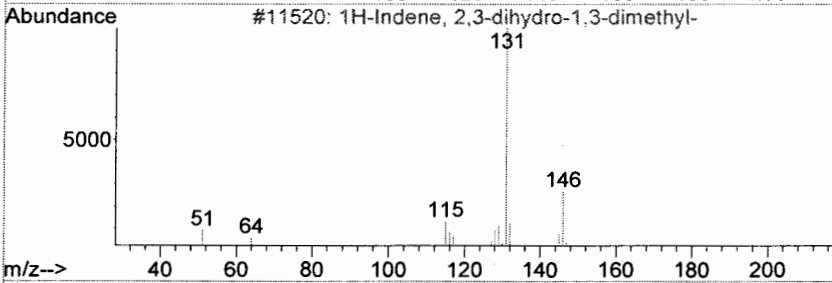
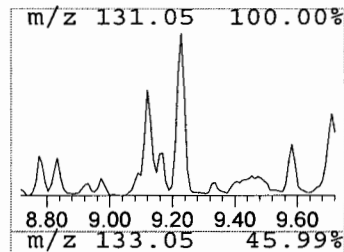
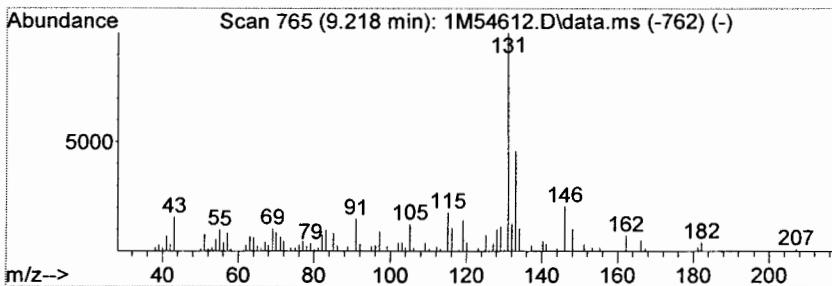
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 Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	17.41 ug/l	199325	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	64
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	58



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

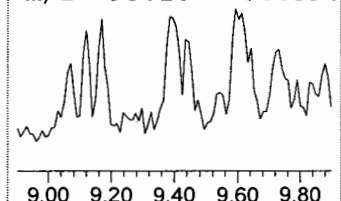
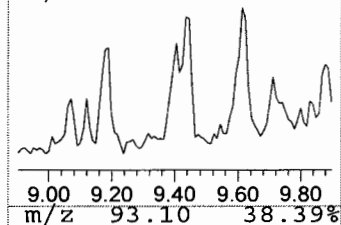
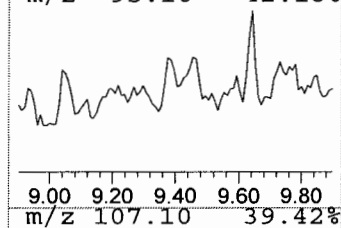
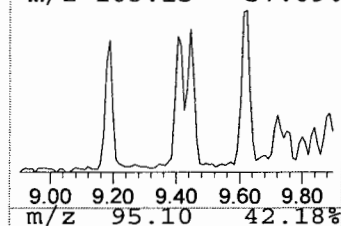
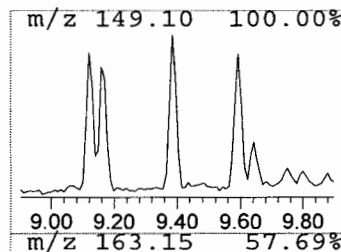
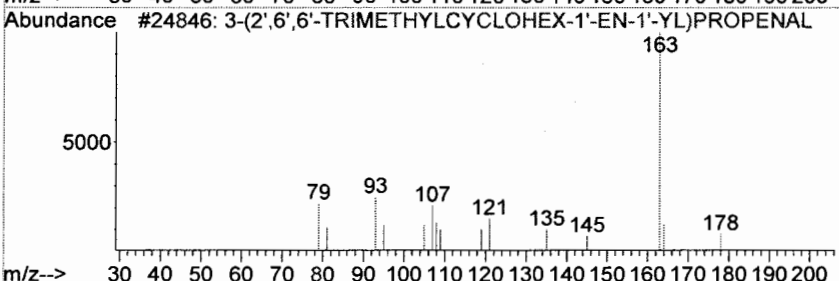
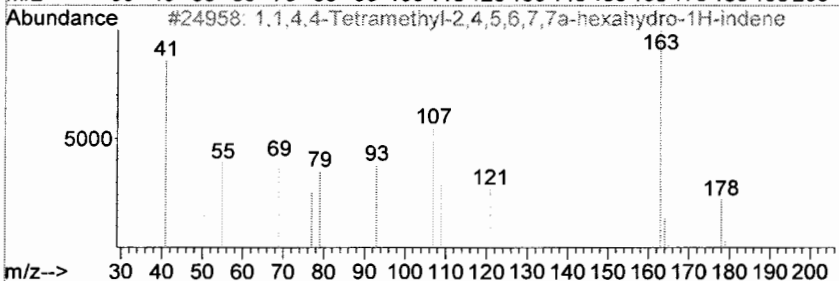
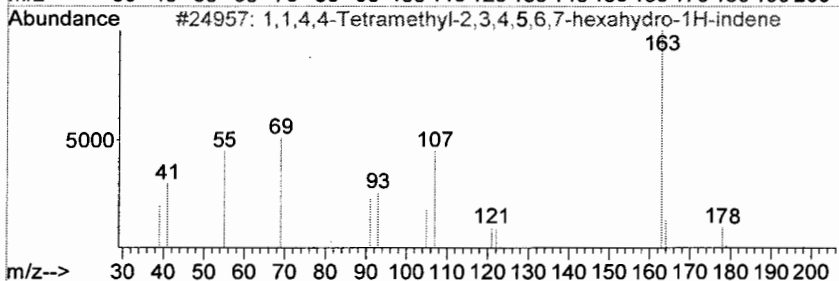
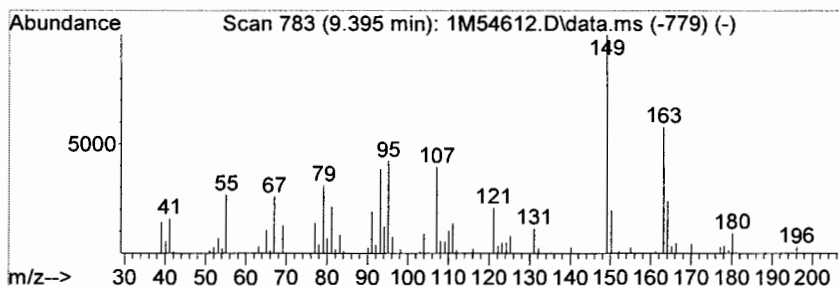
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 10 1,1,4,4-Tetramethyl-2,3,4,5... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	13.23 ug/l	151432	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,4-Tetramethyl-2,3,4,5,6,7-...	178	C13H22	085329-77-7	58		
2	1,1,4,4-Tetramethyl-2,4,5,6,7,7a...	178	C13H22	085329-83-5	28		
3	3-(2',6',6'-TRIMETHYLCYCLOHEX-1'...	178	C12H18O	053018-97-6	52		
4	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	28		
5	2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	46		



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

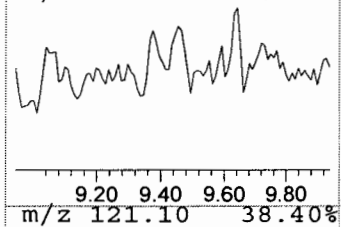
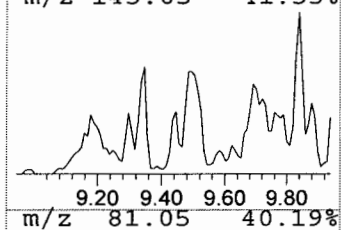
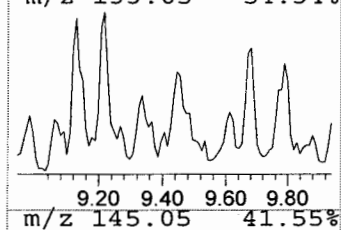
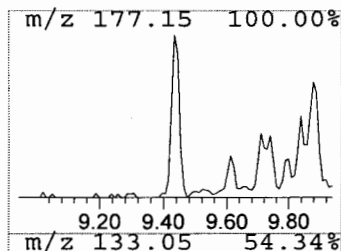
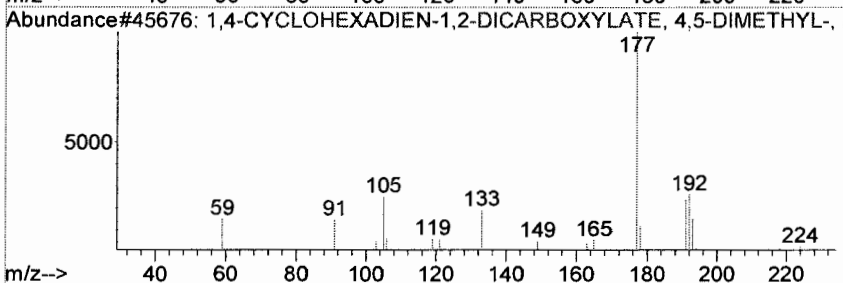
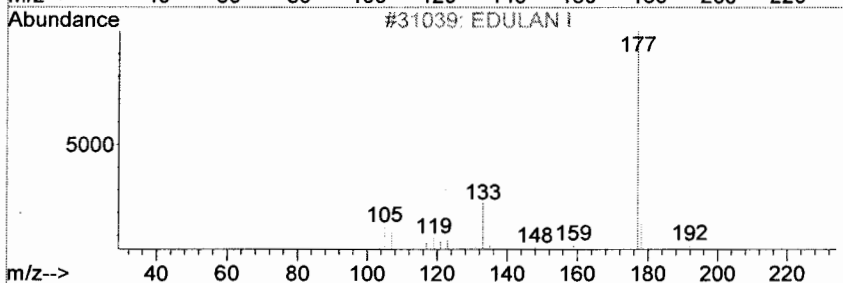
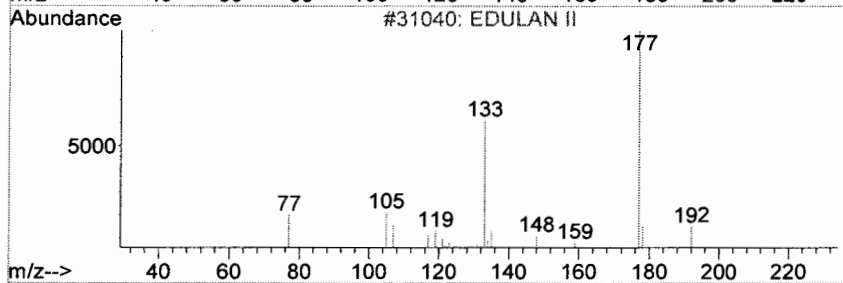
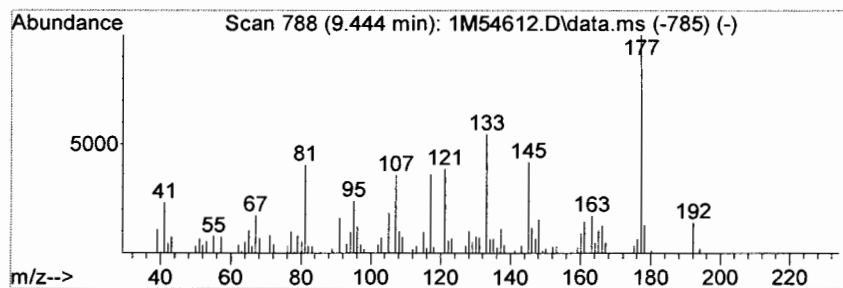
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 11 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	18.77 ug/l	214886	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			EDULAN II	192	C13H20O	041678-30-2	47
2			EDULAN I	192	C13H20O	041678-29-9	32
3			1,4-CYCLOHEXADIEN-1,2-DICARBOXYL...	224	C12H16O4	000000-00-0	17
4			1H-Indole-3-carboxylic acid, 5-h...	177	C9H7NO3	003705-21-3	10
5			.beta.-Ionone	192	C13H20O	014901-07-6	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

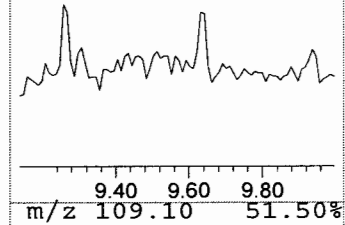
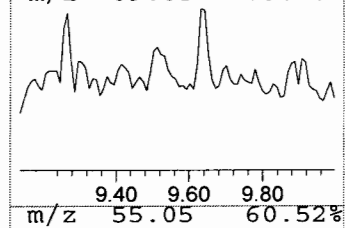
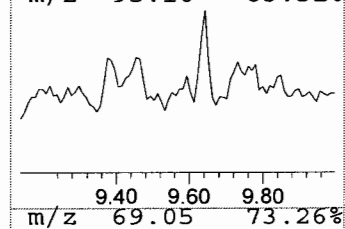
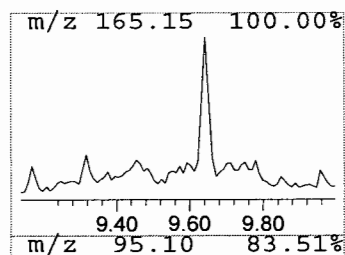
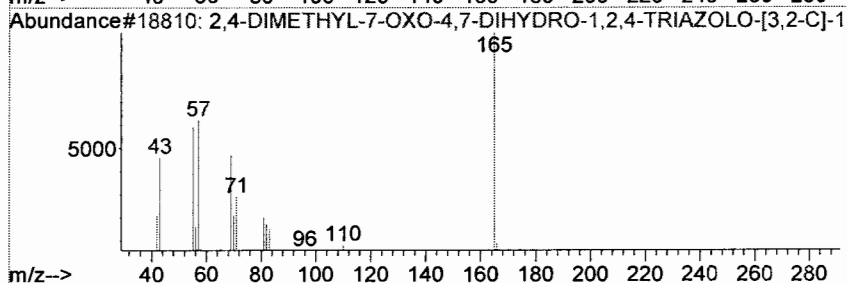
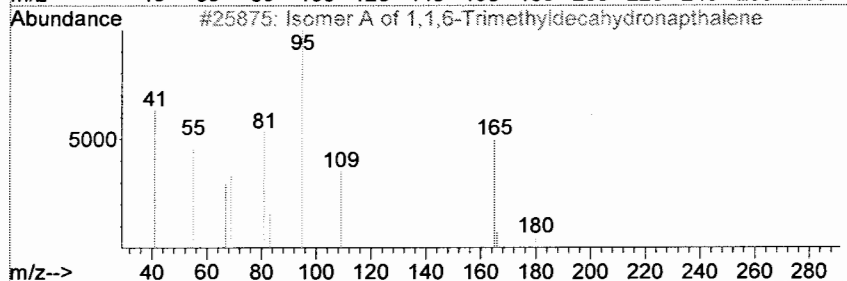
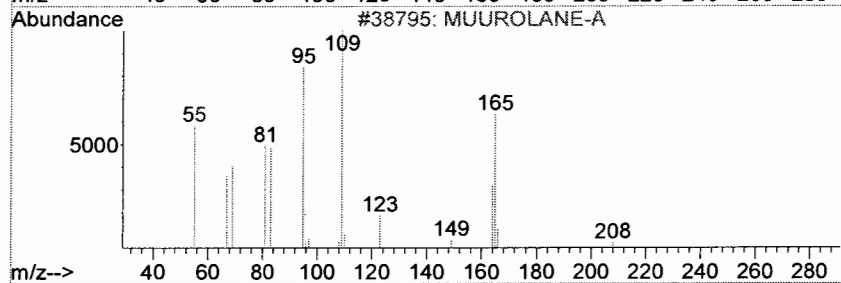
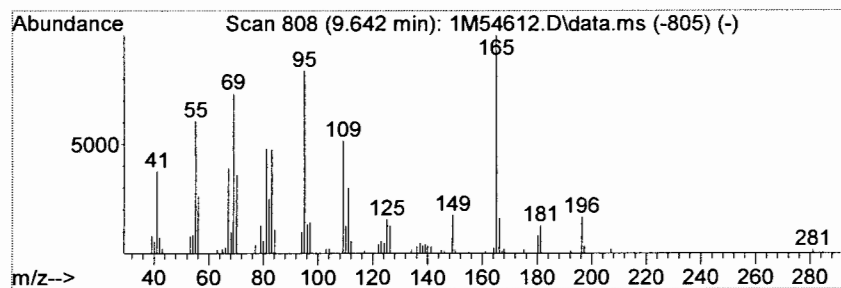
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 12 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	20.14 ug/l	230580	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			MUROLANE-A	208	C15H28	029788-41-8	38
2			Isomer A of 1,1,6-Trimethyldecah...	180	C13H24	081983-73-5	27
3			2,4-DIMETHYL-7-OXO-4,7-DIHYDRO-1...	165	C6H7N5O	061402-43-5	10
4			EXOISOCAMPHANE	138	C10H18	020536-41-8	27
5			5-OXO-CAMPHOR	168	C10H16O2	000000-00-0	27



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 Sample Multiplier: 1

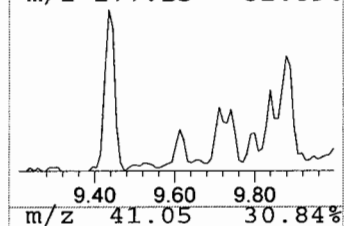
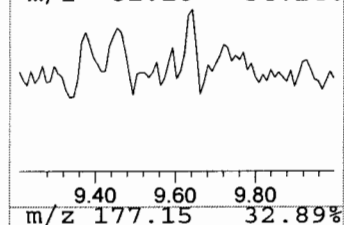
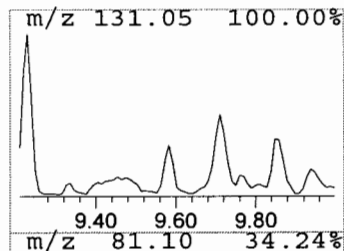
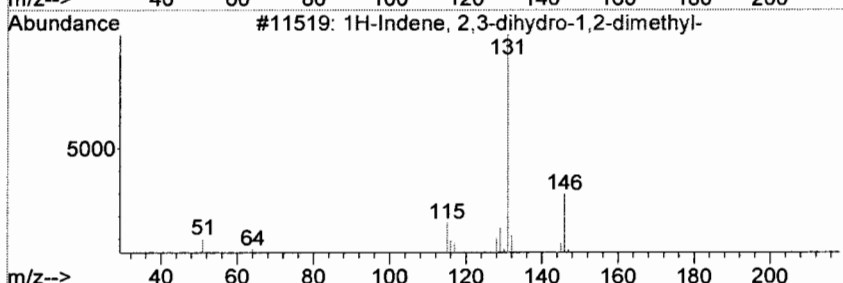
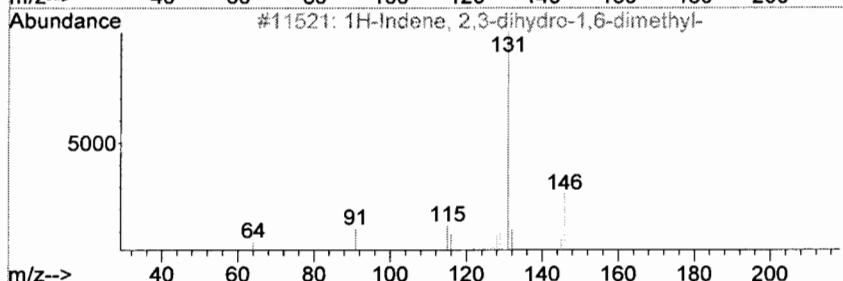
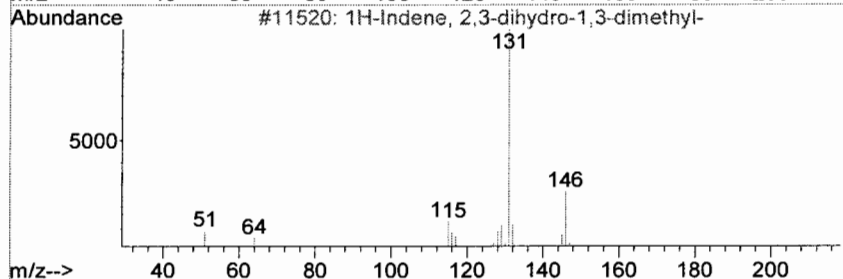
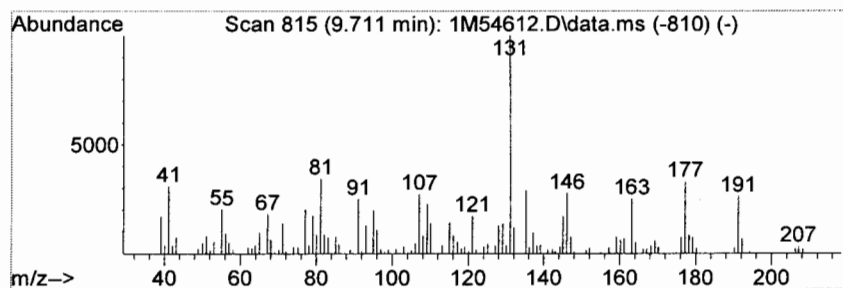
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 Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	24.40 ug/l	279347	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	42
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	86
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	30
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	27



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54612.D
 Acq On : 26 Feb 2010 13:46
 Operator : SG
 Sample : AC50034-005
 Misc : S,5G!3
 ALS Vial : 29 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	7.80	12.9 ug/l		147543	3	7.89	7.89	343440	30.0
Decane, 2-methyl-	8.11	10.9 ug/l		124437	3	7.89	7.89	343440	30.0
unknown	8.33	19.9 ug/l		227685	3	7.89	7.89	343440	30.0
1H-Indene, 2,3-di...	8.43	17.7 ug/l		202065	3	7.89	7.89	343440	30.0
Naphthalene, deca...	8.55	18.8 ug/l		215291	3	7.89	7.89	343440	30.0
Undecane, 2,6-dim...	8.91	38.8 ug/l		444229	3	7.89	7.89	343440	30.0
unknown	9.06	20.3 ug/l		231962	3	7.89	7.89	343440	30.0
unknown	9.17	11.9 ug/l		136784	3	7.89	7.89	343440	30.0
1H-Indene, 2,3-di...	9.22	17.4 ug/l		199325	3	7.89	7.89	343440	30.0
1,1,4,4-Tetrameth...	9.40	13.2 ug/l		151432	3	7.89	7.89	343440	30.0
unknown	9.44	18.8 ug/l		214886	3	7.89	7.89	343440	30.0
unknown	9.64	20.1 ug/l		230580	3	7.89	7.89	343440	30.0
1H-Indene, 2,3-di...	9.71	24.4 ug/l		279347	3	7.89	7.89	343440	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-005

Client Id: PI01-TP-RAQ2022210S01

Data File: 3M72003.D

Analysis Date: 02/26/10 23:21

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.03g

Final Vol: NA

Dilution: 0.994

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0061	U	56-23-5	Carbon Tetrachloride	0.0061	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0061	U	108-90-7	Chlorobenzene	0.0061	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0061	U	75-00-3	Chloroethane	0.0061	U
79-00-5	1,1,2-Trichloroethane	0.0061	U	67-66-3	Chloroform	0.0061	U
75-34-3	1,1-Dichloroethane	0.0061	U	74-87-3	Chloromethane	0.0061	U
75-35-4	1,1-Dichloroethene	0.0061	U	156-59-2	cis-1,2-Dichloroethene	0.0061	U
96-18-4	1,2,3-Trichloropropane	0.0061	U	10061-01-5	cis-1,3-Dichloropropene	0.0061	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	U	124-48-1	Dibromochloromethane	0.0061	U
95-50-1	1,2-Dichlorobenzene	0.0061	U	75-71-8	Dichlorodifluoromethane	0.0061	U
107-06-2	1,2-Dichloroethane	0.0061	U	100-41-4	Ethylbenzene	0.00061	U
78-87-5	1,2-Dichloropropane	0.0061	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	0.0061	U	75-09-2	Methylene Chloride	0.0061	U
142-28-9	1,3-Dichloropropane	0.0061	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0061	U	104-51-8	n-Butylbenzene	0.0012	U
123-91-1	1,4-Dioxane	0.31	U	103-65-1	n-Propylbenzene	0.0012	U
78-93-3	2-Butanone	0.0061	U	95-47-6	o-Xylene	0.0012	U
110-75-8	2-Chloroethylvinylether	0.0061	U	135-98-8	sec-Butylbenzene	0.0012	U
591-78-6	2-Hexanone	0.0061	U	100-42-5	Styrene	0.0061	U
99-87-6	4-Isopropyltoluene	0.0012	U	75-65-0	t-Butyl Alcohol	0.031	U
108-10-1	4-Methyl-2-Pentanone	0.0061	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.031	0.081	127-18-4	Tetrachloroethene	0.0061	U
107-02-8	Acrolein	0.031	U	108-88-3	Toluene	0.0012	U
107-13-1	Acrylonitrile	0.0061	U	156-60-5	trans-1,2-Dichloroethene	0.0061	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0061	U
75-27-4	Bromodichloromethane	0.0061	U	79-01-6	Trichloroethene	0.0061	U
75-25-2	Bromoform	0.0061	U	75-69-4	Trichlorofluoromethane	0.0061	U
74-83-9	Bromomethane	0.0061	U	75-01-4	Vinyl Chloride	0.0061	U
75-15-0	Carbon Disulfide	0.0061	U	1330-20-7	Xylenes (Total)	0.0012	U

Worksheet #: 144263

Total Target Concentration 0.081

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.*

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005	Matrix: Soil
Client Id: PI01-TP-RAQ2022210S	Initial Vol: 5.03g
Data File: 3M72003.D	Final Vol: NA
Analysis Date: 02/26/10 23:21	Dilution: 0.994
Date Rec/Extracted: 02/25/10-NA	Solids: 81
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	74630-30-1	2-Decene, 4-methyl-, (Z)-	7.30	0.014 J
2		unknown	7.74	0.014 J
3	91-17-8	Naphthalene, decahydro-	8.08	0.016 J
4	2958-76-1	Naphthalene, decahydro-2-methyl-	8.48	0.018 J
5	17301-23-4	Undecane, 2,6-dimethyl-	8.84	0.037 J
6		unknown	9.00	0.018 J
7		unknown	9.10	0.014 J
8	62199-51-3	Cyclopentane, 1-pentyl-2-propyl-	9.20	0.015 J
9		unknown	9.37	0.015 J
10		unknown	9.56	0.023 J

Worksheet #: 144263

Total Tentatively Identified Concentration 0.18*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 : AC50034-005 Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M72003.D Sam Mult : 1 Vial# : 30 Qt On : 03/01/10 06:42
 Acq On : 02/26/10 23:21 Misc : S,5G!4 Qt Upd On: 02/08/10 10:10

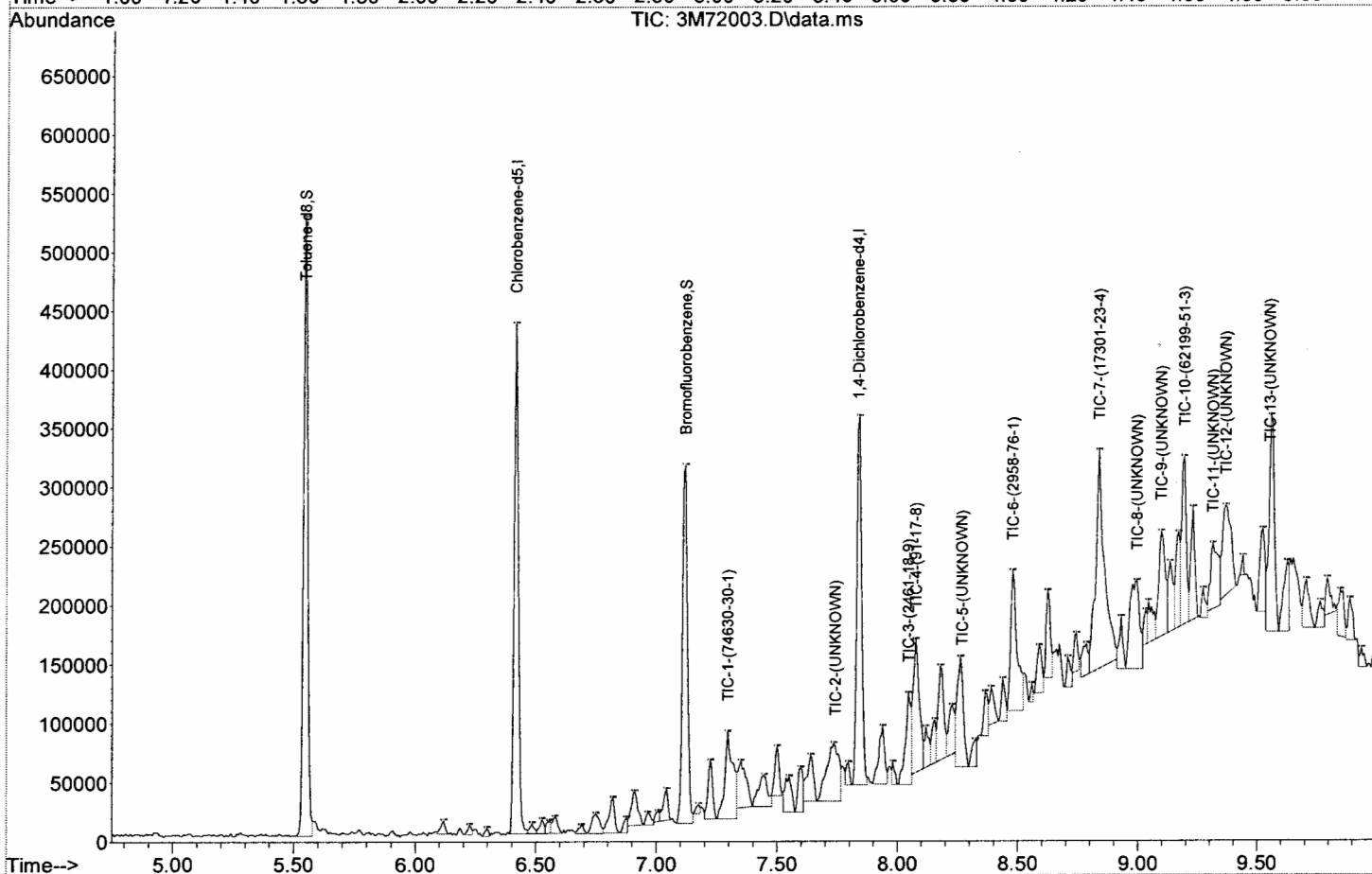
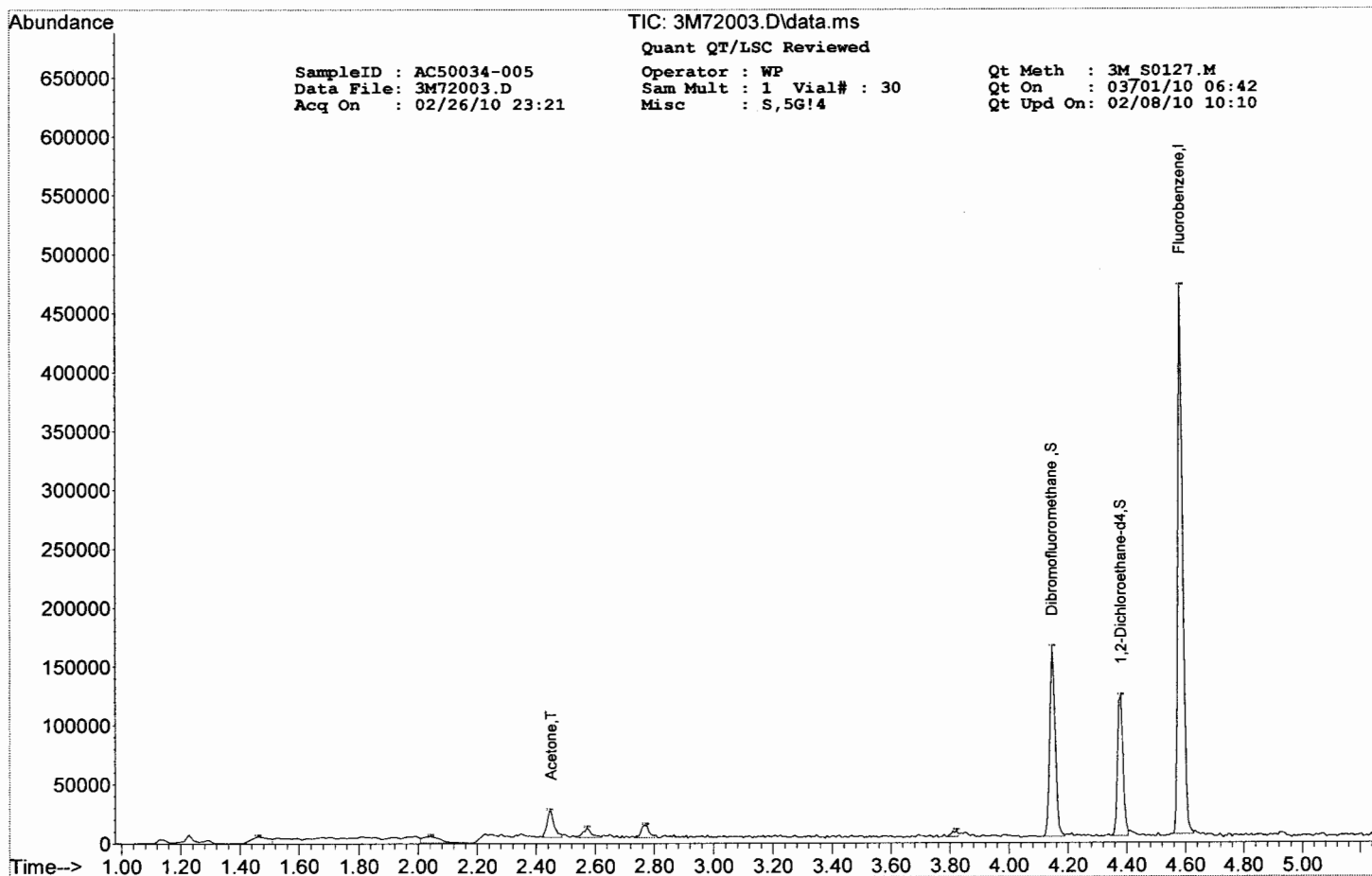
Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

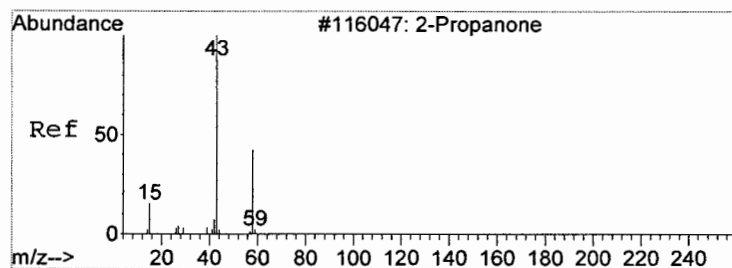
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
4) Fluorobenzene	4.585	96	227263	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.419	117	156515	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.838	152	64989	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.146	111	64634	32.57	ug/l	0.02
Spiked Amount 30.000			Recovery	=	108.57%	
35) 1,2-Dichloroethane-d4	4.381	102	8863	31.83	ug/l	0.02
Spiked Amount 30.000			Recovery	=	106.10%	
59) Toluene-d8	5.547	100	139093	29.78	ug/l	0.02
Spiked Amount 30.000			Recovery	=	99.27%	
67) Bromofluorobenzene	7.123	174	66933	35.59	ug/l	0.02
Spiked Amount 30.000			Recovery	=	118.63%	
Target Compounds						
17) Acetone	2.450	43	23804	66.14	ug/l	Qvalue 98
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.585		544829	30.00	ug/l	--
2) Chlorobenzene-d5	6.419		532727	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.844		455830	30.00	ug/l	--
Library Search Compounds						
1) 74630-30-1	7.300		177358	11.67	ug/l	58
2) UNKNOWN	7.740		177577	11.69	ug/l	--
3) 2461-18-9	8.050		133574	8.79	ug/l	87
4) 91-17-8	8.080		194939	12.83	ug/l	68
5) UNKNOWN	8.270		162980	10.73	ug/l	--
6) 2958-76-1	8.480		226050	14.88	ug/l	83
7) 17301-23-4	8.840		462675	30.45	ug/l	42
8) UNKNOWN	9.000		218120	14.36	ug/l	--
9) UNKNOWN	9.100		170249	11.20	ug/l	--
10) 62199-51-3	9.200		187968	12.37	ug/l	50
11) UNKNOWN	9.320		134259	8.84	ug/l	--
12) UNKNOWN	9.370		191117	12.58	ug/l	--
13) UNKNOWN	9.560		279479	18.39	ug/l	--

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

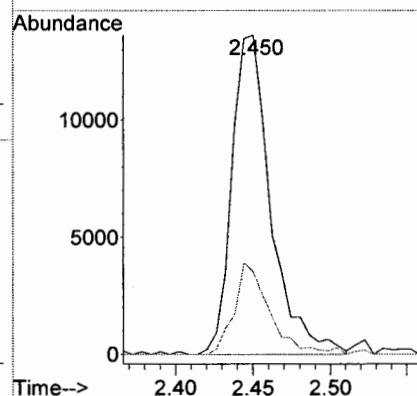
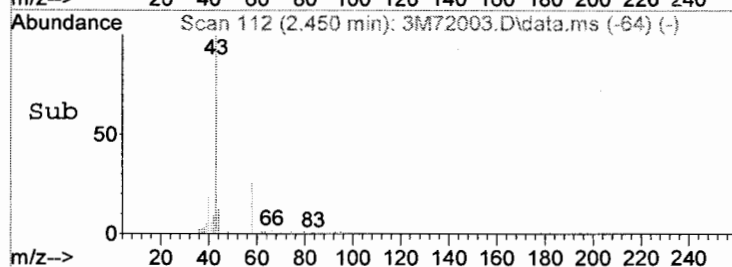
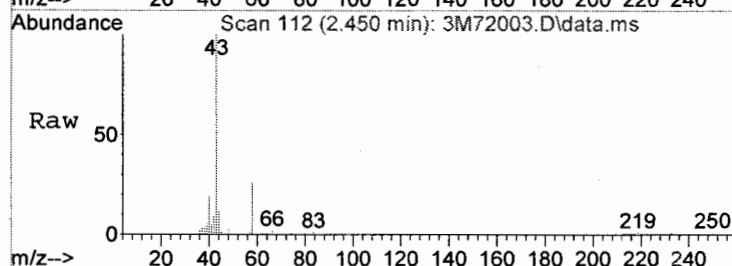
lw





#17
Acetone
Concen: 66.14 ug/l
RT: 2.450 min Scan# 112
Delta R.T. 0.018 min
Lab File: 3M72003.D
Acq: 26 Feb 2010 23:21

Tgt Ion: 43 Resp: 23804
Ion Ratio Lower Upper
43 100
58 25.8 0.0 64.8



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

Peak Location: TOP

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

Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M72003.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.460	27	30	33	rBV3	5540	24853	3.97%	0.297%
2	2.042	63	65	73	rVB3	5507	20391	3.26%	0.244%
3	2.444	107	111	118	rBV	22145	37868	6.05%	0.453%
4	2.571	126	132	140	rVB3	8057	16089	2.57%	0.192%
5	2.769	159	165	170	rBV4	10747	20813	3.33%	0.249%
6	3.821	335	340	341	rBV3	5099	7239	1.16%	0.087%
7	4.146	389	394	401	rBV	160983	209116	33.43%	2.499%
8	4.381	427	433	437	rBV	118937	154333	24.67%	1.844%
9	4.585	462	467	474	rBV	465490	534347	85.43%	6.386%
10	5.547	621	627	632	rBV	524098	625510	100.00%	7.475%
11	6.118	717	722	725	rVB3	10796	14294	2.29%	0.171%
12	6.227	736	740	742	rBV5	7668	8660	1.38%	0.103%
13	6.299	749	752	754	rBV4	6663	7250	1.16%	0.087%
14	6.419	767	772	780	rBV	432531	529138	84.59%	6.324%
15	6.485	780	783	786	rVV5	8675	10917	1.75%	0.130%
16	6.527	786	790	792	rVV5	11850	15509	2.48%	0.185%
17	6.557	792	795	796	rVV3	10443	13594	2.17%	0.162%
18	6.581	796	799	804	rVB4	13462	21252	3.40%	0.254%
19	6.690	813	817	821	rVB6	6599	10168	1.63%	0.122%
20	6.750	821	827	832	rBV5	16497	38354	6.13%	0.458%
21	6.822	832	839	843	rVB5	29343	49958	7.99%	0.597%
22	6.876	843	848	849	rBV2	12699	16286	2.60%	0.195%
23	6.912	849	854	860	rVB4	28379	55477	8.87%	0.663%
24	6.966	860	863	867	rBV5	10050	16375	2.62%	0.196%
25	7.008	867	870	871	rVV2	8022	10707	1.71%	0.128%
26	7.044	871	876	879	rVB3	25461	36022	5.76%	0.430%
27	7.123	883	889	894	rBV2	302704	429974	68.74%	5.138%
28	7.177	894	898	899	rBV3	7389	9049	1.45%	0.108%
29	7.225	902	906	910	rVB2	48986	67311	10.76%	0.804%
30	7.297	910	918	924	rBV3	73098	177358	28.35%	2.120%
31	7.351	924	927	935	rVB6	38810	91269	14.59%	1.091%
32	7.447	935	943	948	rBV9	26044	72293	11.56%	0.864%
33	7.501	948	952	955	rVV4	41500	53038	8.48%	0.634%
34	7.550	956	960	964	rVB7	29906	56154	8.98%	0.671%
35	7.598	964	968	970	rBV3	37392	57714	9.23%	0.690%

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 Peak Location: TOP

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

Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Title : @GCMS_3,ug,624,8260

36	7.640	970	975	979	rVB4	38720	72841	11.65%	0.870%
37	7.736	979	991	996	rBV4	48538	177577	28.39%	2.122%
38	7.796	999	1001	1004	rVB3	18778	17506	2.80%	0.209%
39	7.844	1004	1009	1014	rBV	311846	441482	70.58%	5.276%
40	7.940	1018	1025	1028	rBV5	48726	87170	13.94%	1.042%
41	7.983	1031	1032	1035	rVB3	18745	14215	2.27%	0.170%
42	8.049	1035	1043	1045	rBV3	77242	133574	21.35%	1.596%
43	8.079	1045	1048	1053	rVV4	112417	194939	31.16%	2.330%
44	8.121	1053	1055	1058	rVV4	33725	44678	7.14%	0.534%
45	8.157	1058	1061	1062	rVV3	36878	45695	7.31%	0.546%
46	8.181	1062	1065	1069	rVV3	78637	127671	20.41%	1.526%
47	8.229	1069	1073	1075	rVV5	40716	73590	11.76%	0.879%
48	8.265	1075	1079	1084	rVB5	92870	162980	26.06%	1.948%
49	8.325	1084	1089	1090	rBV5	22644	34680	5.54%	0.414%
50	8.367	1093	1096	1098	rBV4	37208	46454	7.43%	0.555%
51	8.391	1098	1100	1105	rVB6	31189	39629	6.34%	0.474%
52	8.440	1105	1108	1111	rBV3	36081	41984	6.71%	0.502%
53	8.482	1111	1115	1122	rBV7	117863	226050	36.14%	2.701%
54	8.560	1126	1128	1129	rBV	15692	11344	1.81%	0.136%
55	8.590	1129	1133	1136	rVV3	39646	58860	9.41%	0.703%
56	8.626	1136	1139	1142	rBV3	73393	91733	14.67%	1.096%
57	8.710	1150	1153	1156	rBV3	25249	30184	4.83%	0.361%
58	8.746	1156	1159	1161	rVV3	31703	37907	6.06%	0.453%
59	8.788	1162	1166	1168	rVV5	28132	48173	7.70%	0.576%
60	8.842	1168	1175	1187	rVV2	185423	462675	73.97%	5.529%
61	8.933	1187	1190	1193	rVB5	43851	46070	7.37%	0.551%
62	8.999	1193	1201	1205	rBV8	74200	218120	34.87%	2.607%
63	9.035	1205	1207	1208	rVV2	28561	27858	4.45%	0.333%
64	9.047	1208	1209	1214	rVV4	33391	54501	8.71%	0.651%
65	9.101	1214	1218	1222	rVV5	87093	170249	27.22%	2.035%
66	9.137	1222	1224	1227	rVV4	57541	84730	13.55%	1.013%
67	9.173	1227	1230	1231	rVV3	79647	103455	16.54%	1.236%
68	9.197	1231	1234	1237	rVV2	139998	187968	30.05%	2.246%
69	9.233	1237	1240	1243	rVB2	93175	108404	17.33%	1.295%
70	9.275	1245	1247	1250	rBV4	24638	29347	4.69%	0.351%
71	9.317	1250	1254	1259	rVV3	55577	134259	21.46%	1.604%
72	9.372	1259	1263	1270	rVB9	71598	191117	30.55%	2.284%
73	9.444	1273	1275	1276	rVB2	16383	8932	1.43%	0.107%
74	9.528	1284	1289	1291	rBV5	70413	110098	17.60%	1.316%
75	9.564	1291	1295	1300	rVB4	182920	279479	44.68%	3.340%

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
Data File : 3M72003.D
Acq On : 26 Feb 2010 23:21
Operator : WP
Sample : AC50034-005
Misc : S,5G!4
ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 1000 Area counts
Max Peaks: 100
Peak Location: TOP

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

Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
Title : @GCMS_3,ug,624,8260

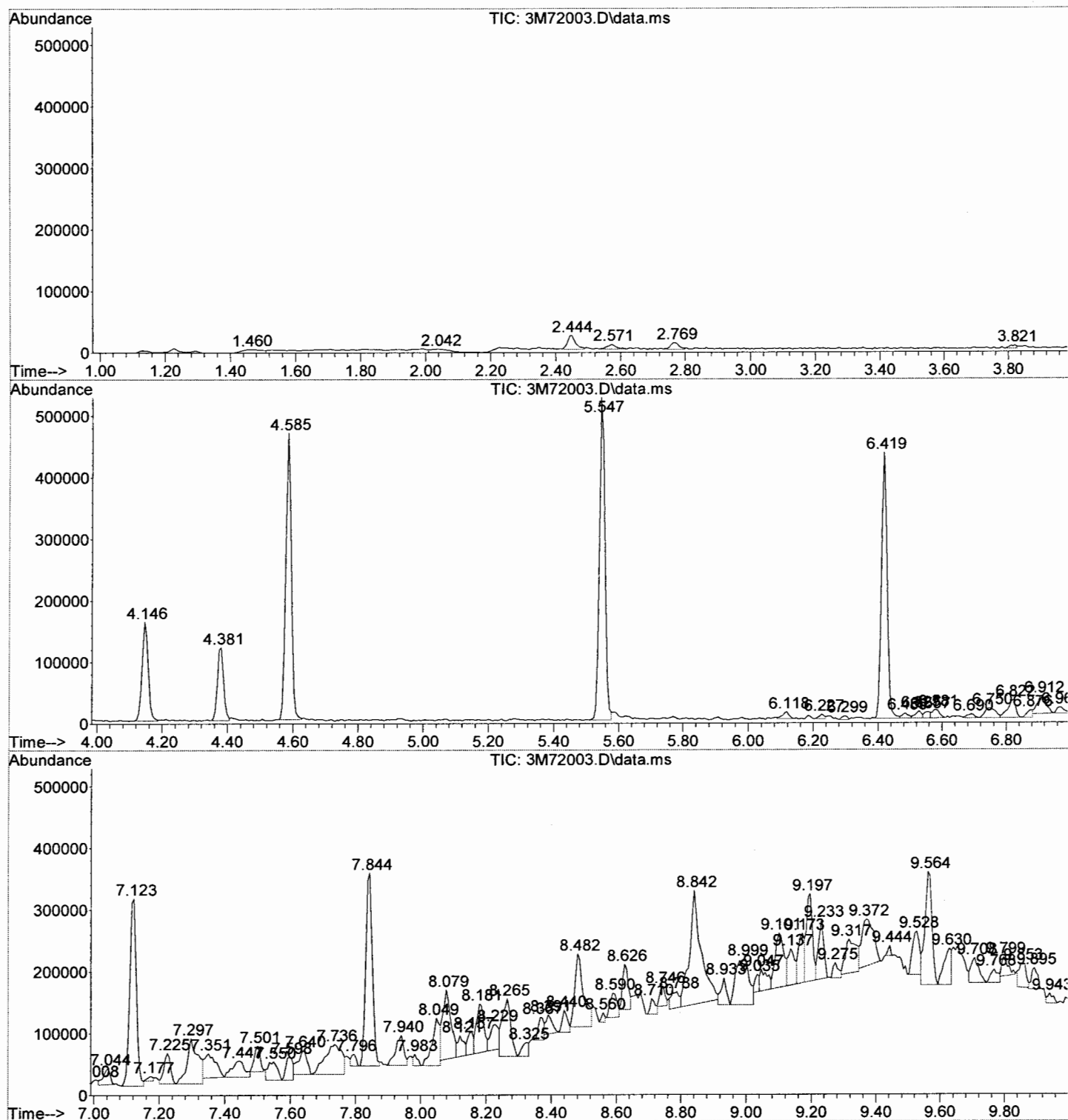
76	9.630	1300	1306	1307	rBV4	59243	100438	16.06%	1.200%
77	9.708	1316	1319	1325	rVB7	40566	66409	10.62%	0.794%
78	9.768	1325	1329	1332	rBV5	22358	36603	5.85%	0.437%
79	9.799	1332	1334	1340	rVV7	29258	43087	6.89%	0.515%
80	9.853	1341	1343	1347	rVV5	39742	60146	9.62%	0.719%
81	9.895	1347	1350	1354	rVB3	34919	45668	7.30%	0.546%
82	9.943	1356	1358	1362	rVB5	16150	18528	2.96%	0.221%

Sum of corrected areas: 8367737

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
Data File : 3M72003.D
Acq On : 26 Feb 2010 23:21
Operator : WP
Sample : AC50034-005
Misc : S,5G!4
ALS Vial : 30 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
Quant Title : @GCMS_3,ug,624,8260

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



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

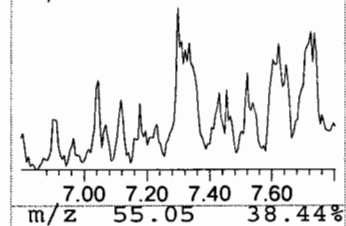
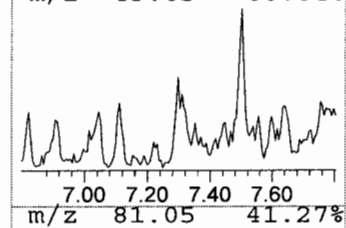
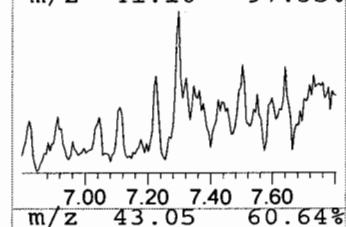
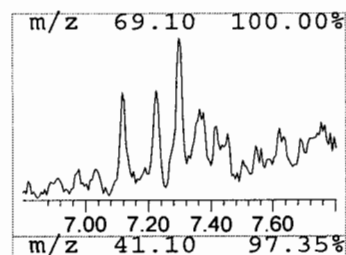
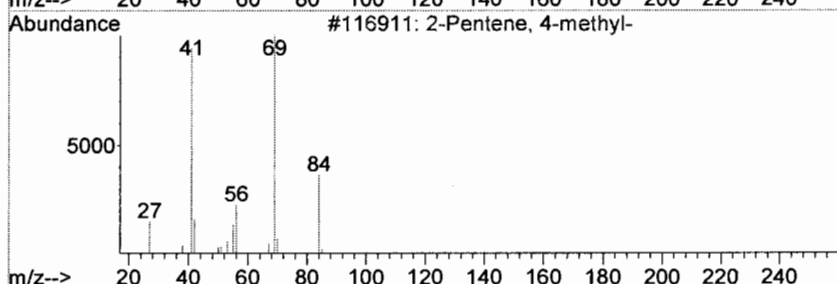
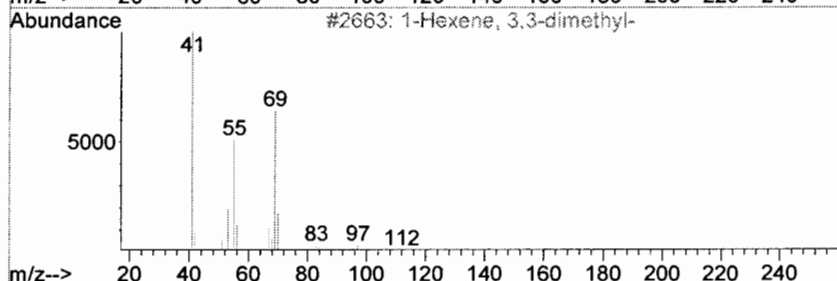
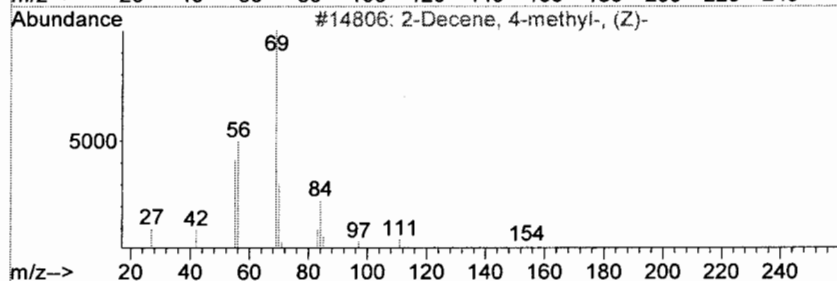
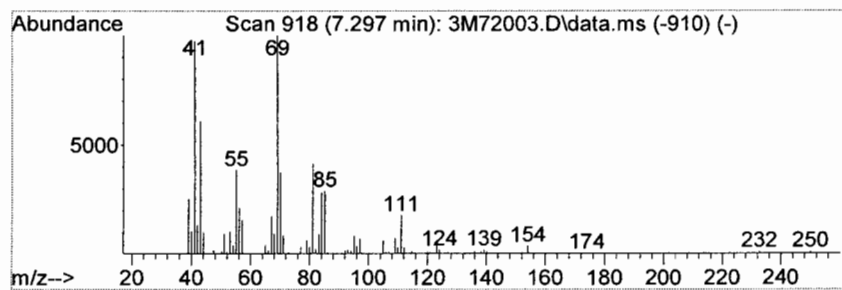
Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Quant Title : @GCMS_3,ug,624,8260

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

 Peak Number 1 2-Decene, 4-methyl-, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	11.67 ug/l	177358	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	58
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
3			2-Pentene, 4-methyl-	84	C6H12	004461-48-7	52
4			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	47
5			2-Pentene, 2-methyl-	84	C6H12	000625-27-4	47



Data Path : G:\GCMSData\2010\GCMS_3\Data\02-26-10\
Data File : 3M72003.D
Acq On : 26 Feb 2010 23:21
Operator : WP
Sample : AC50034-005
Misc : S,5G!4
ALS Vial : 30 Sample Multiplier: 1

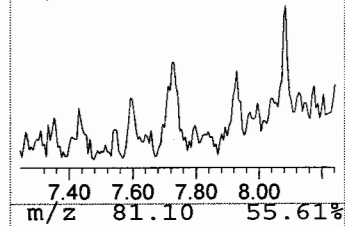
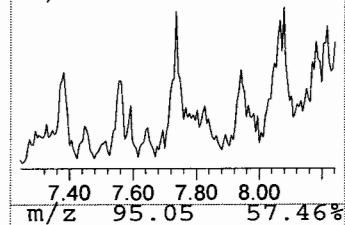
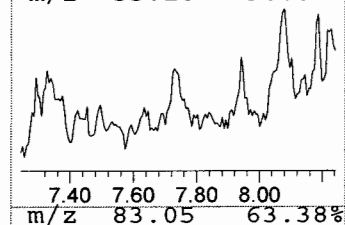
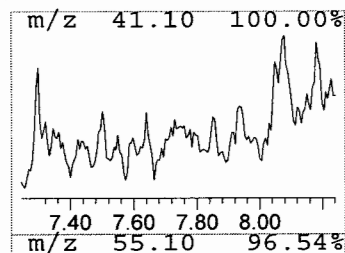
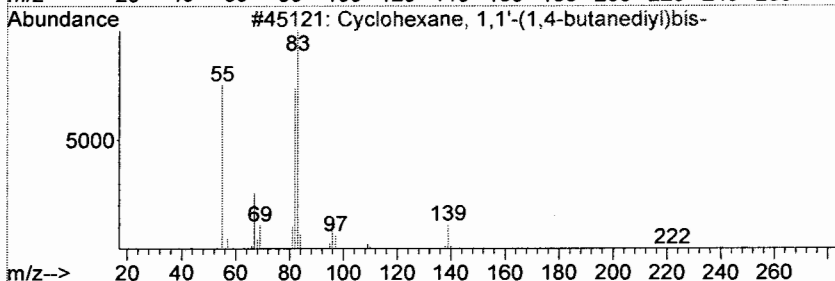
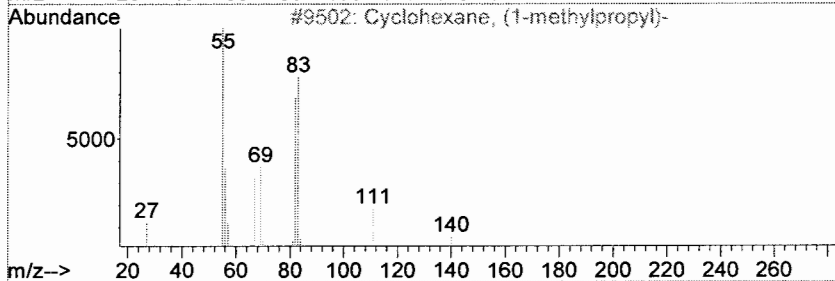
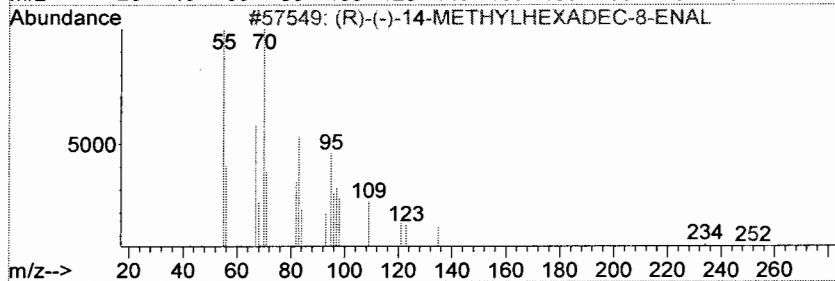
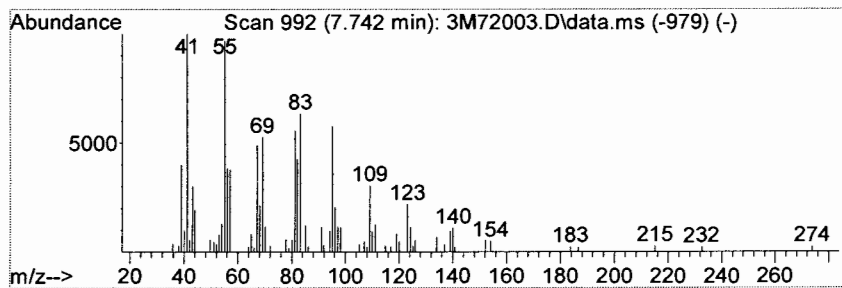
Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
Quant Title : @GCMS_3,ug,624,8260

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

Peak Number 2 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	11.69 ug/l	177577	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(-)-14-METHYLHEXADEC-8-ENAL	252	C17H32O	070224-30-5	11		
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	38		
3	Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	43		
4	(+)-2-ENDO,3-ENDO-DIMETHYLBORNANE	166	C12H22	059599-26-7	38		
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	45		



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
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 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

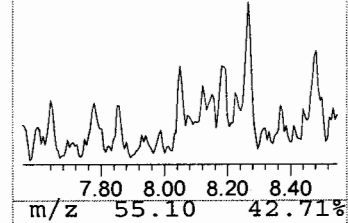
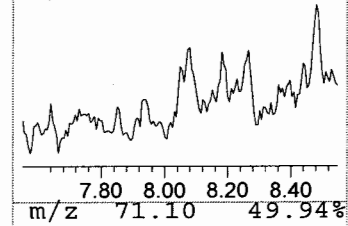
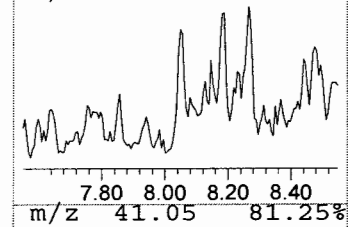
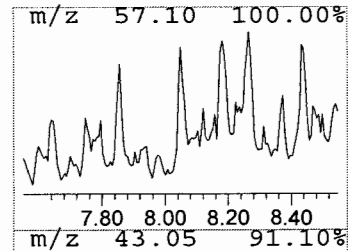
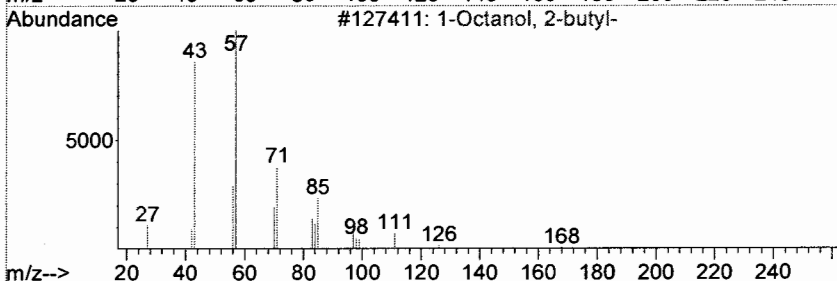
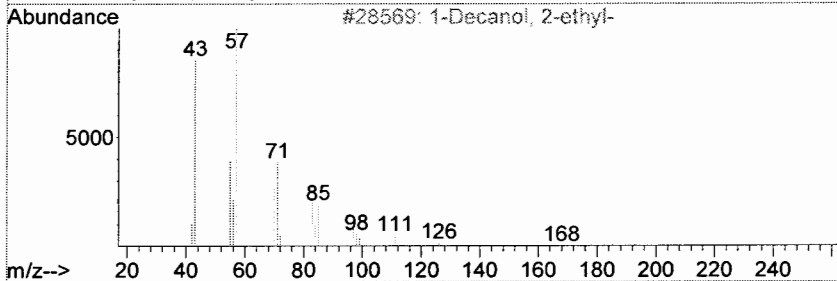
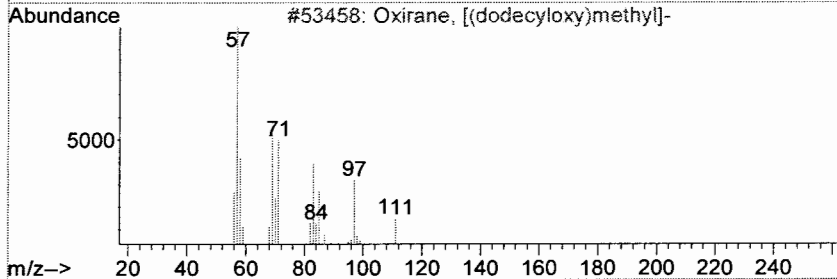
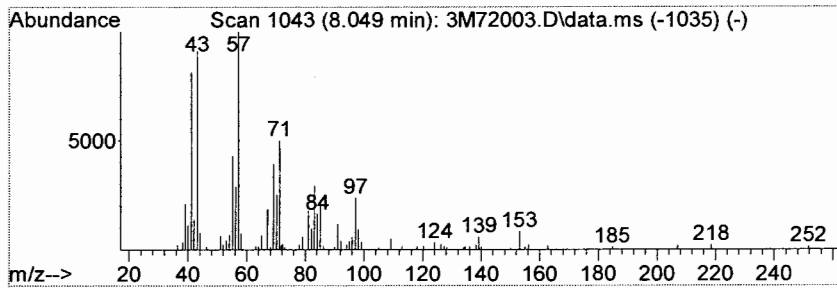
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 Quant Title : @GCMS_3,ug,624,8260

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

 Peak Number 3 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	8.79 ug/l	133574	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	87
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	64
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	52
5		1-Octadecene	252	C18H36	000112-88-9	46



Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
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Sample : AC50034-005
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ALS Vial : 30 Sample Multiplier: 1

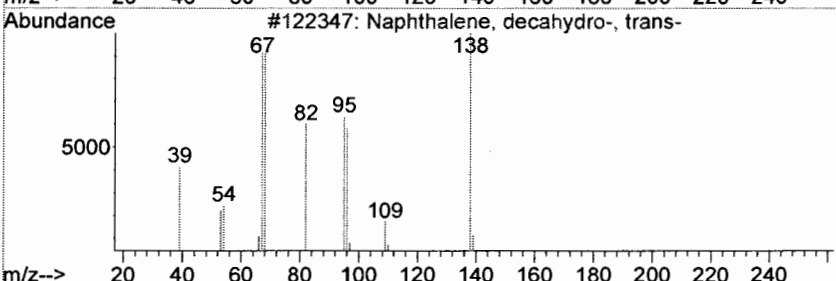
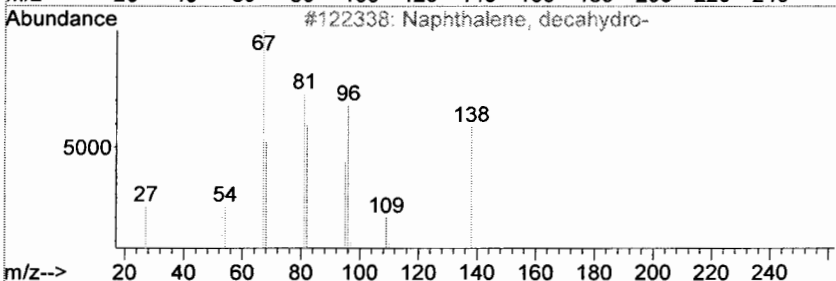
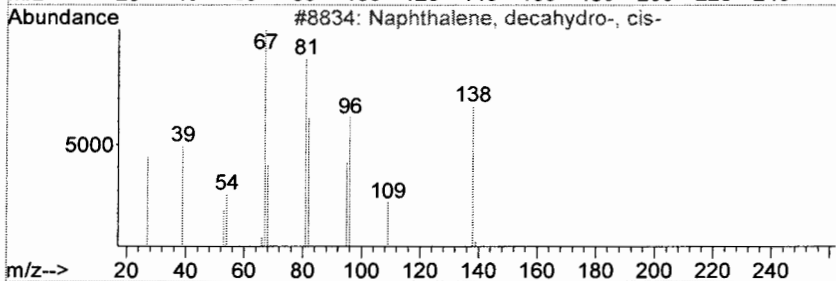
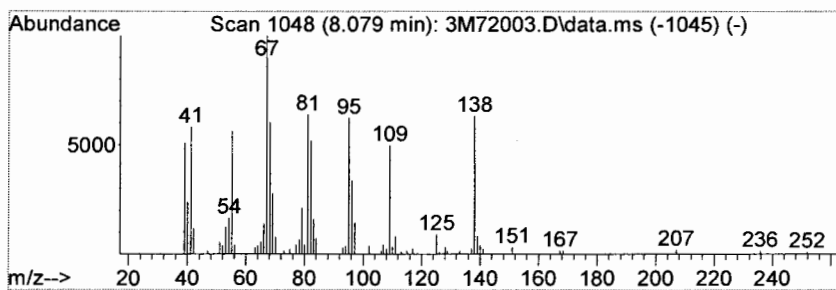
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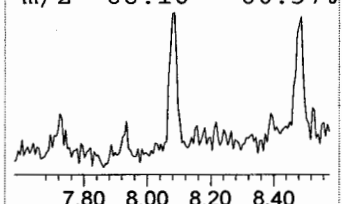
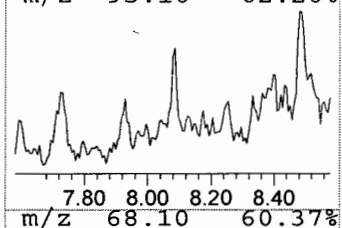
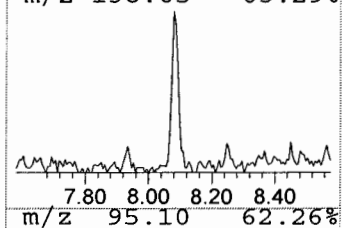
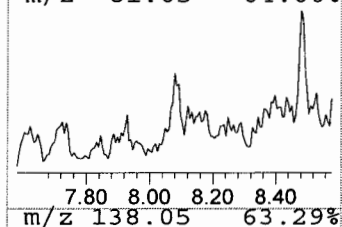
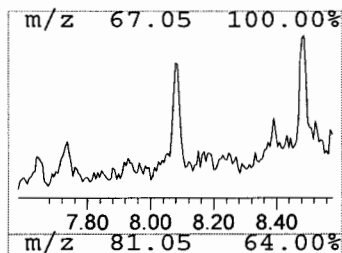
Peak Number 4 Naphthalene, decahydro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	12.83 ug/l	194939	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	35
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	68
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	46
4	Naphthalene, decahydro-	138	C10H18	000091-17-8	53
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	43



3M_S0127.M Thu Mar 04 11:47:10 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
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ALS Vial : 30 Sample Multiplier: 1

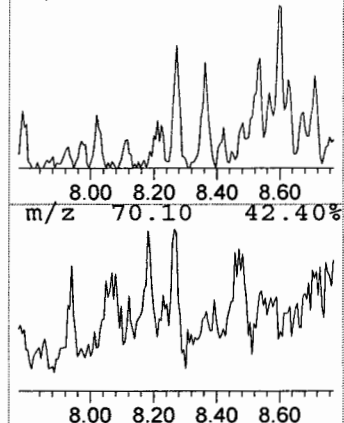
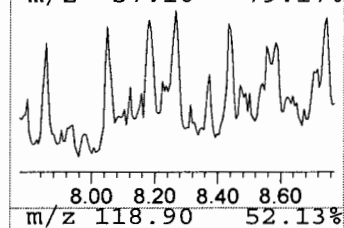
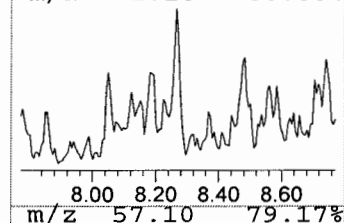
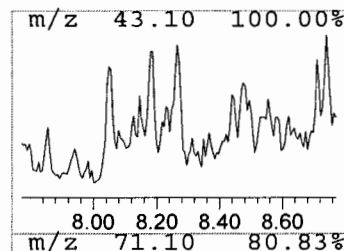
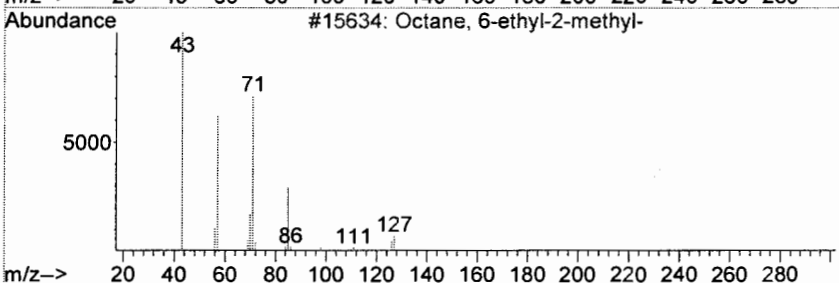
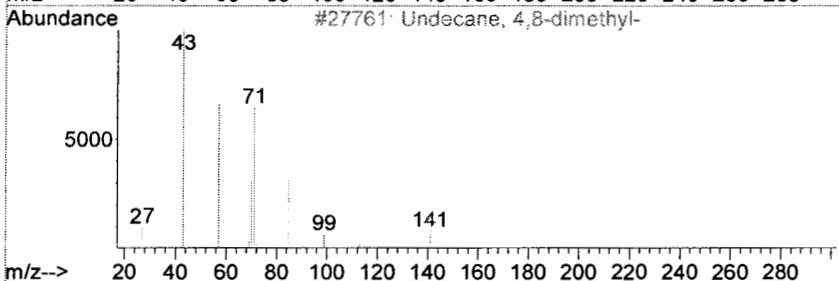
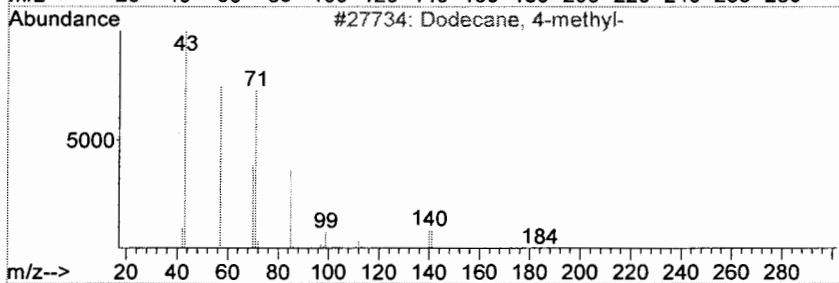
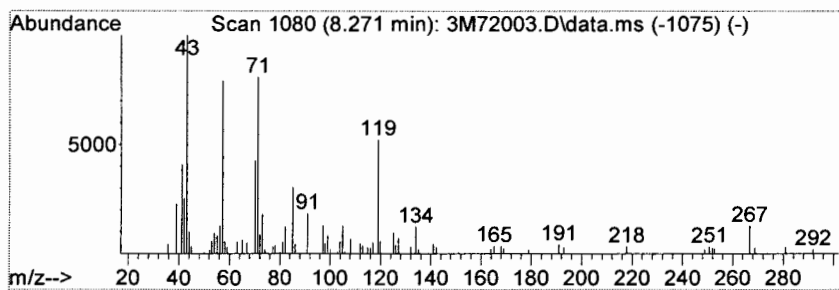
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Quant Title : @GCMS_3,ug,624,8260

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

Peak Number 5 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	10.73 ug/l	162980	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	47
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
4	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	32
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
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 Sample : AC50034-005
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 ALS Vial : 30 Sample Multiplier: 1

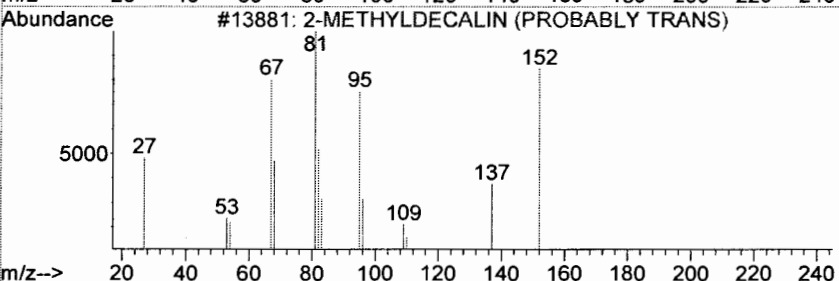
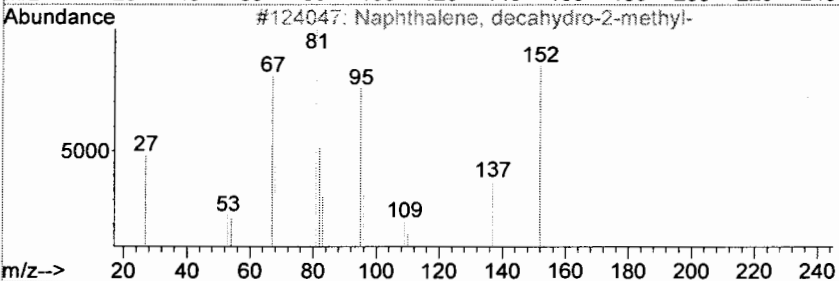
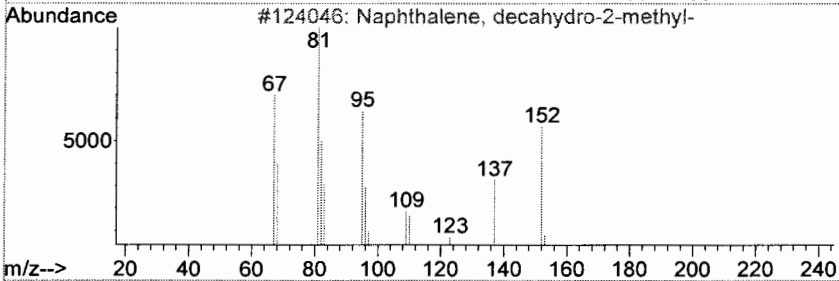
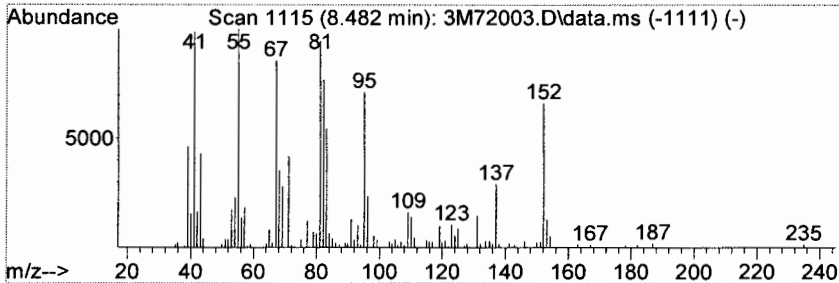
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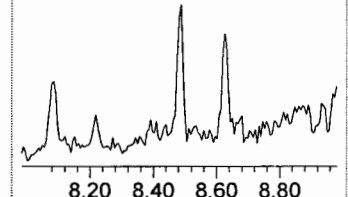
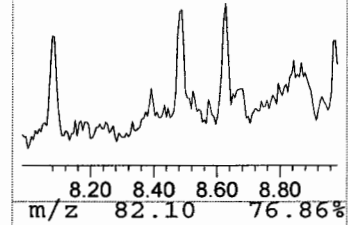
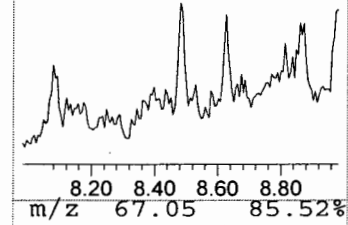
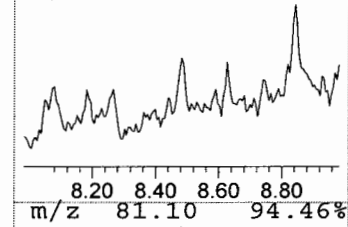
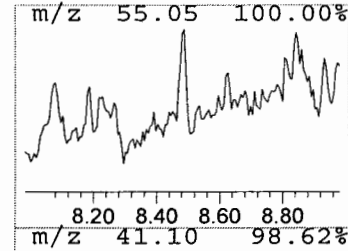
 Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	14.88 ug/l	226050	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3	2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	97
4	1-Hexadecyne	222	C16H30	000629-74-3	50
5	7-DODECENOL	184	C12H24O	016695-40-2	27



3M_S0127.M Thu Mar 04 11:47:14 2010 RPT1



Library Search Compound Report

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 ALS Vial : 30 Sample Multiplier: 1

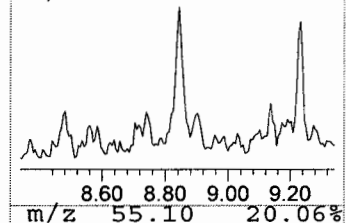
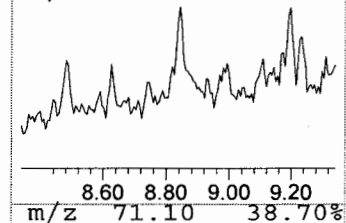
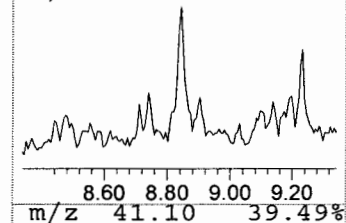
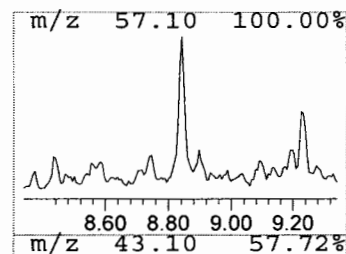
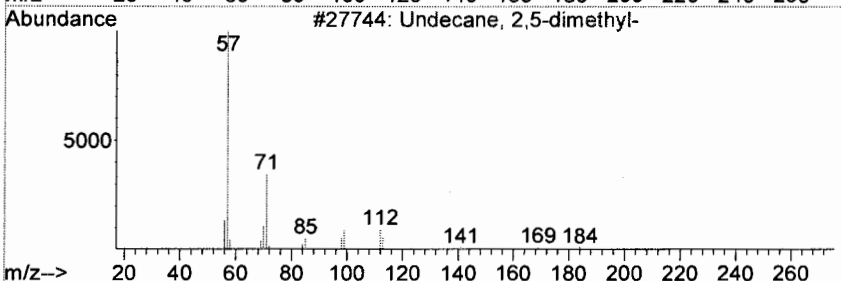
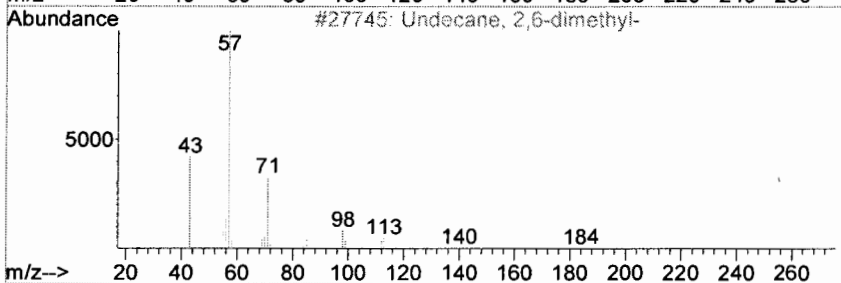
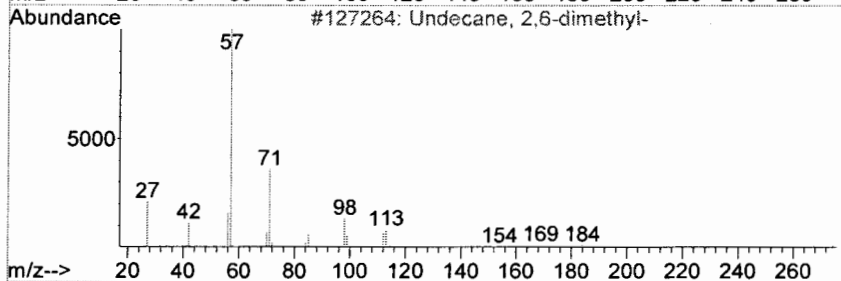
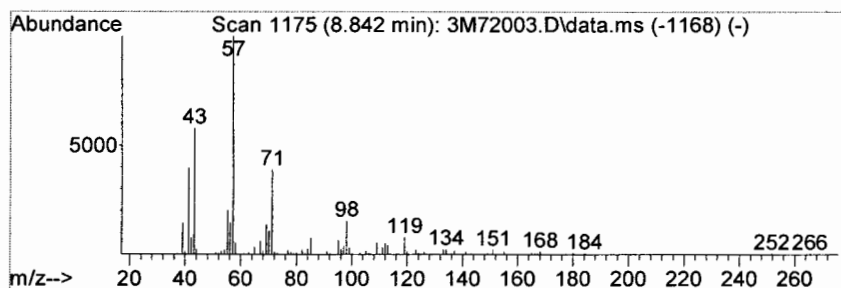
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	30.45 ug/l	462675	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	42
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
5		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	42



Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
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ALS Vial : 30 Sample Multiplier: 1

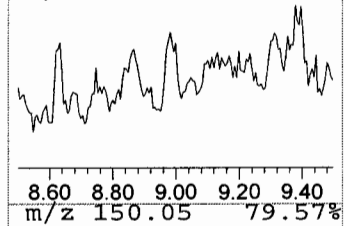
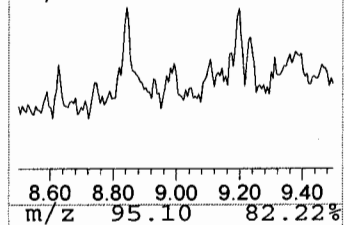
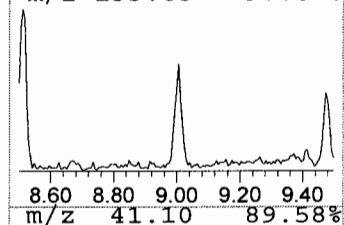
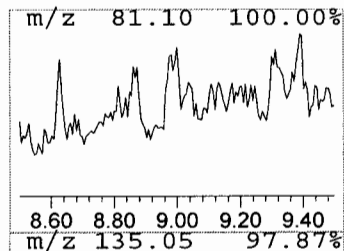
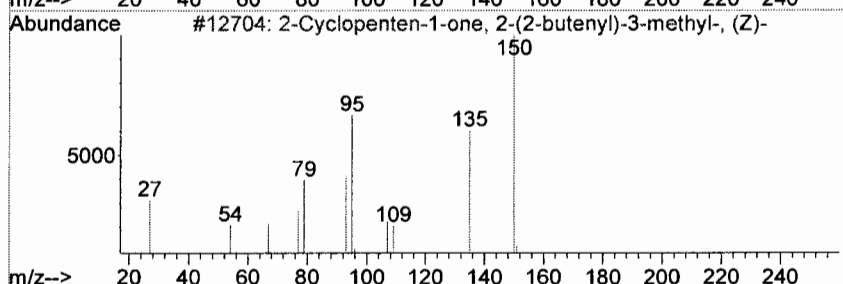
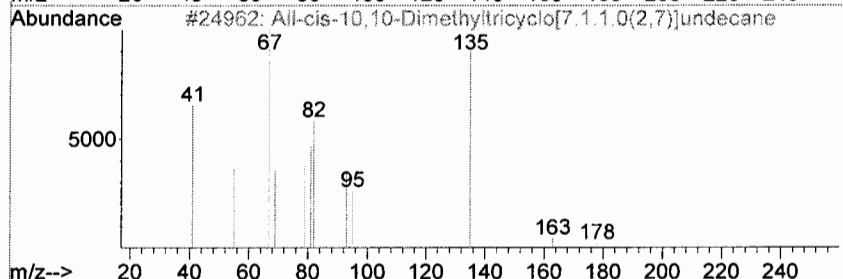
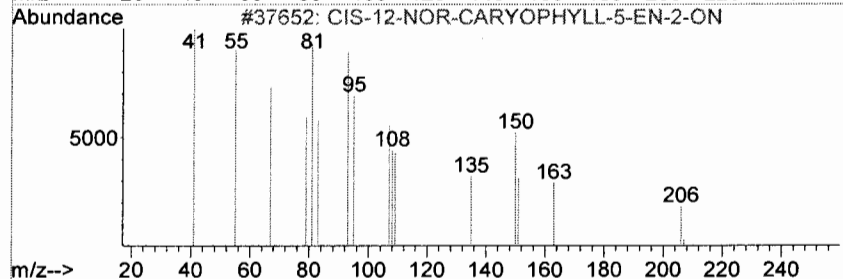
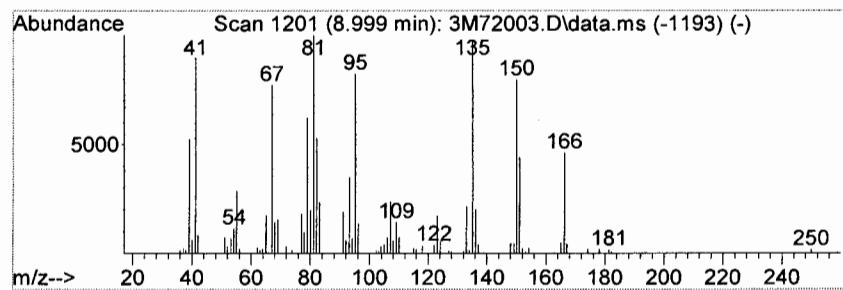
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	14.36 ug/l	218120	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			CIS-12-NOR-CARYOPHYLL-5-EN-2-ON	206	C14H22O	060362-44-9	42
2			All-cis-10,10-Dimethyltricyclo[7...	178	C13H22	077948-98-2	25
3			2-Cyclopenten-1-one, 2-(2-buteny...	150	C10H14O	017190-71-5	10
4			6,11-UNDECADIENE, 1-ACETOXY-3,7-...	252	C16H28O2	000000-00-0	10
5			1,6,9-Tetradecatriene	192	C14H24	061233-71-4	10



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
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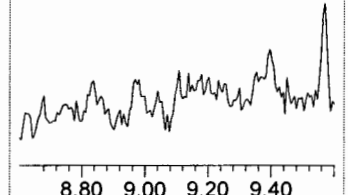
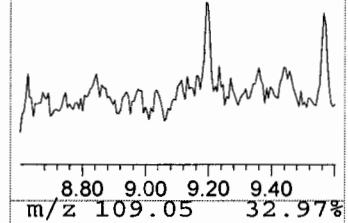
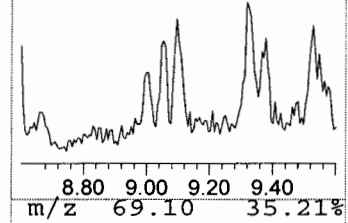
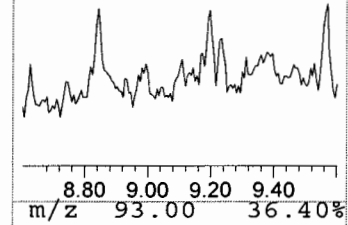
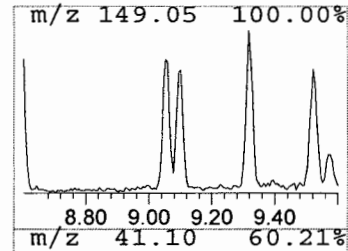
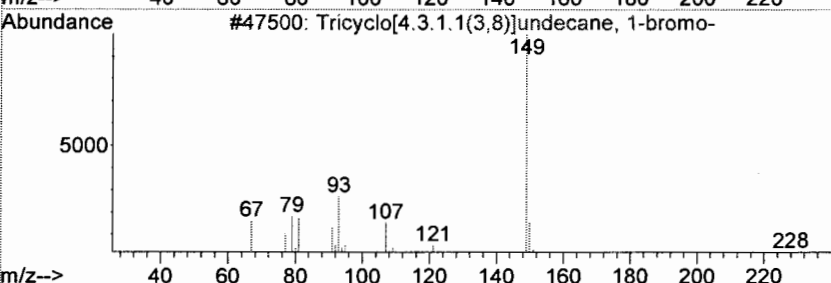
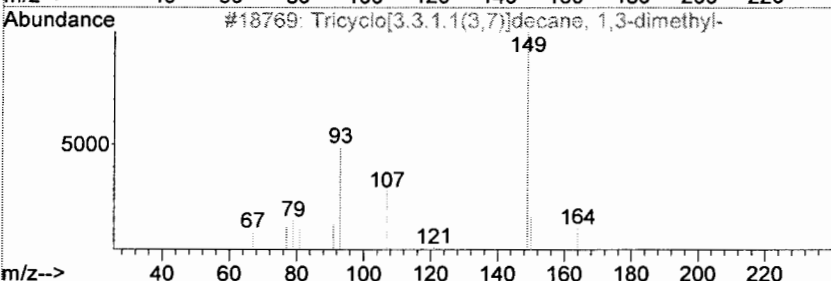
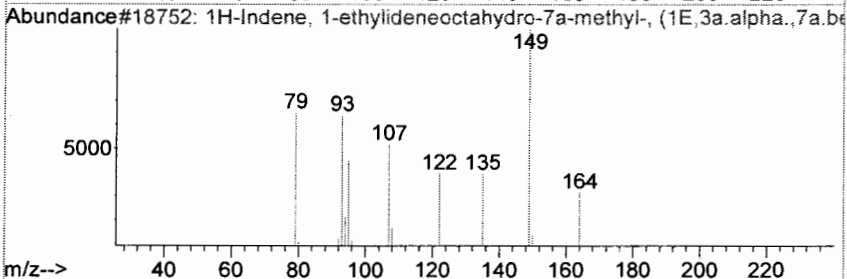
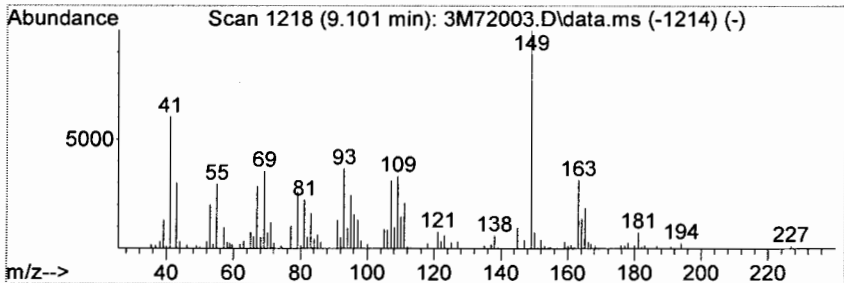
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 9 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.20 ug/l	170249	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056324-68-6	30
2			Tricyclo[3.3.1.1(3,7)]decane, 1,...	164	C12H20	000702-79-4	43
3			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	25
4			1,3-CYCLOHEXADIENE, 1,3,5,5,6,6-...	164	C12H20	000000-00-0	10
5			1,2,3,4,4a,5,8,8a-Octahydro-endo...	190	C13H18O	067425-33-6	23



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

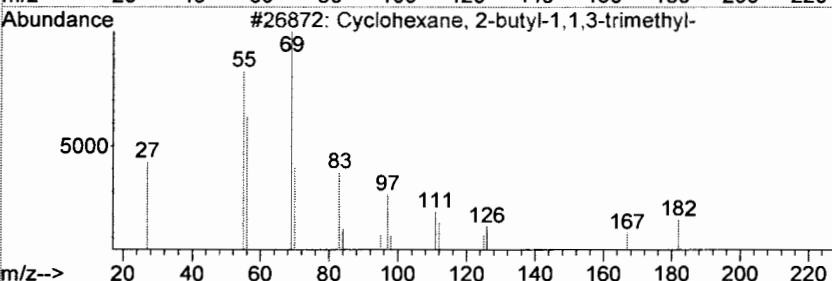
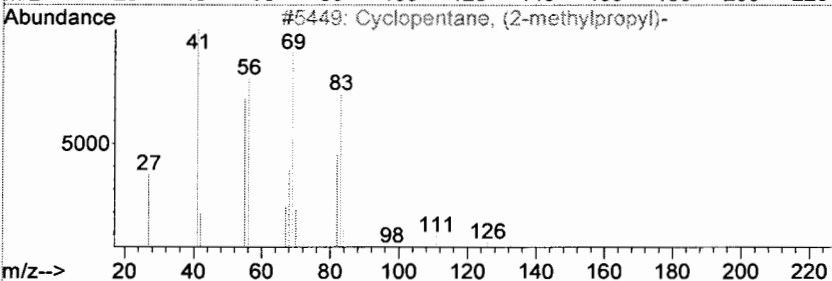
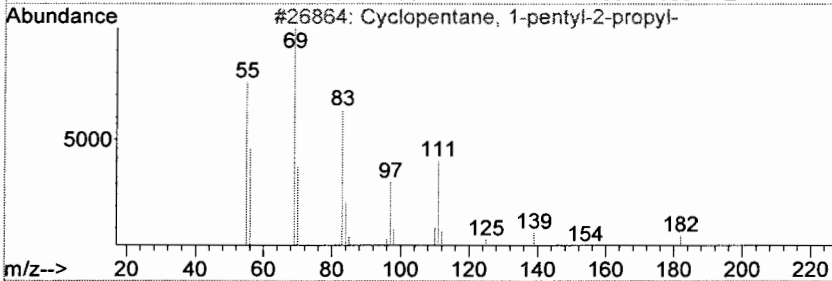
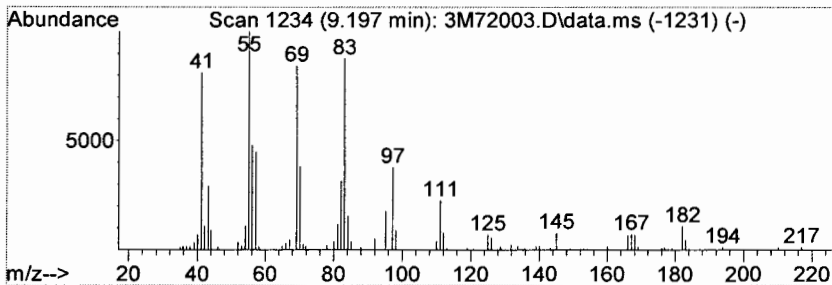
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

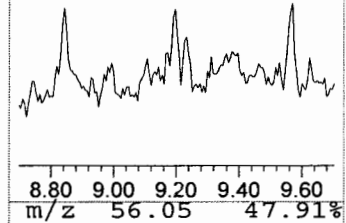
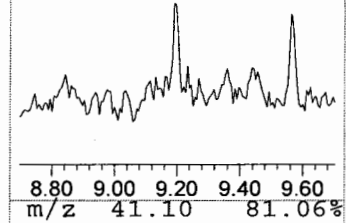
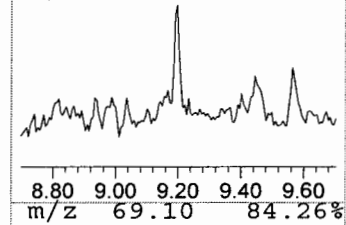
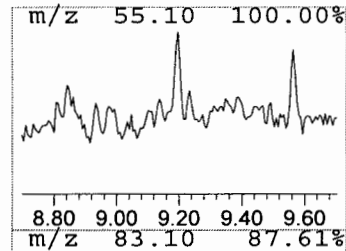
 Peak Number 10 Cyclopentane, 1-pentyl-2-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	12.37 ug/l	187968	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	50
2			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	27
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	52
4			Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	58
5			5-Dodecene, (Z)-	168	C12H24	007206-28-2	25



3M_S0127.M Thu Mar 04 11:47:22 2010 RPT1



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

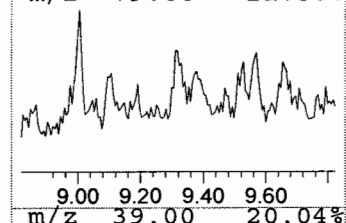
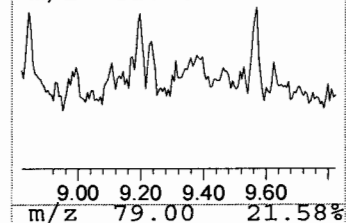
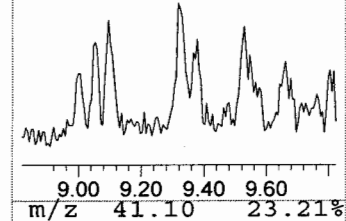
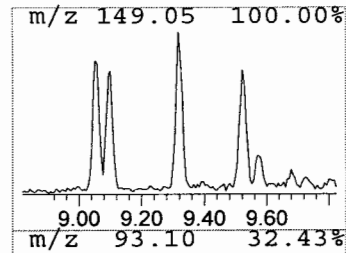
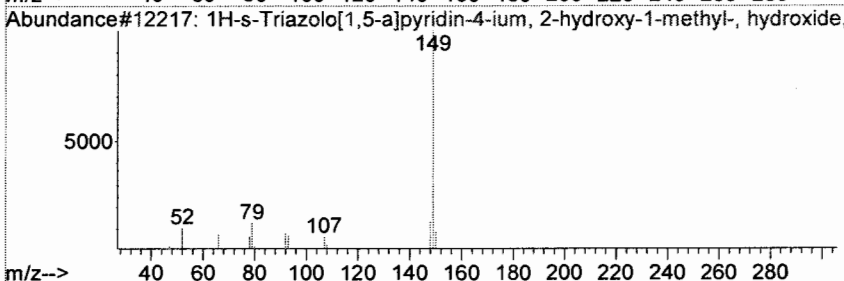
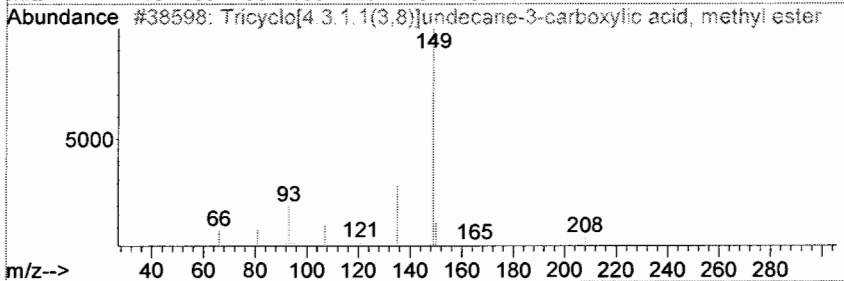
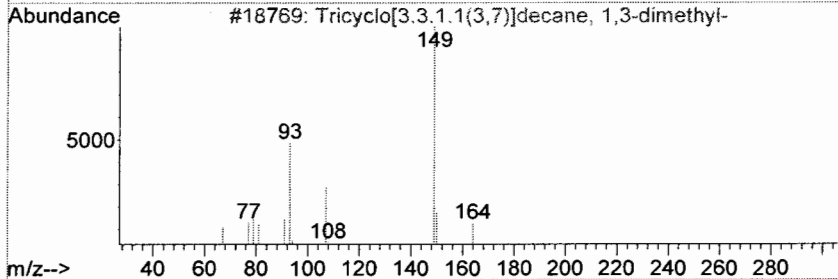
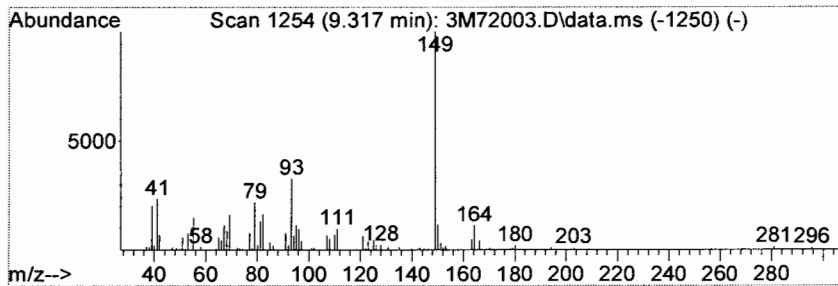
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	8.84 ug/l	134259	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[3.3.1.1(3,7)]decane, 1,...	164	C12H20	000702-79-4	43
2			Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	28
3			1H-s-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	28
4			Tricyclo[3.3.1.1(3,7)]decanone, ...	276	C10H13IO	056781-85-2	25
5			Tricyclo[3.3.1.1(3,7)]decanone, ...	228	C10H13BrO	032456-48-7	28



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

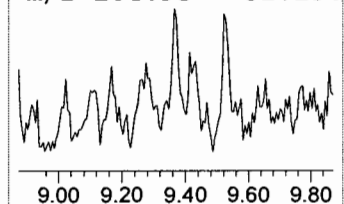
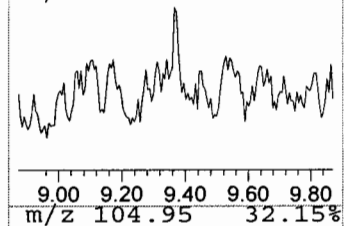
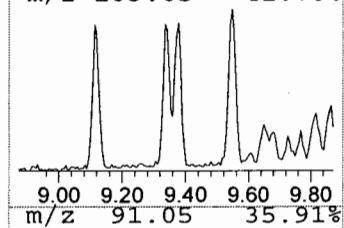
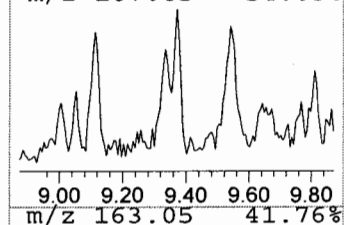
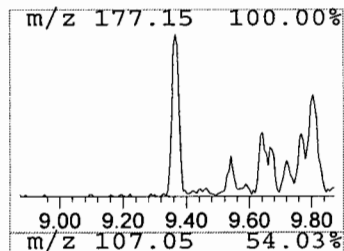
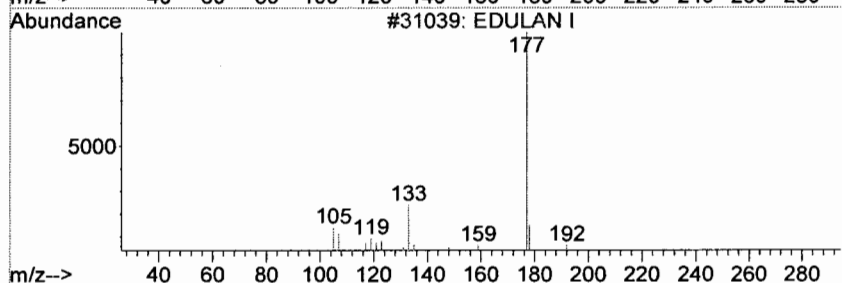
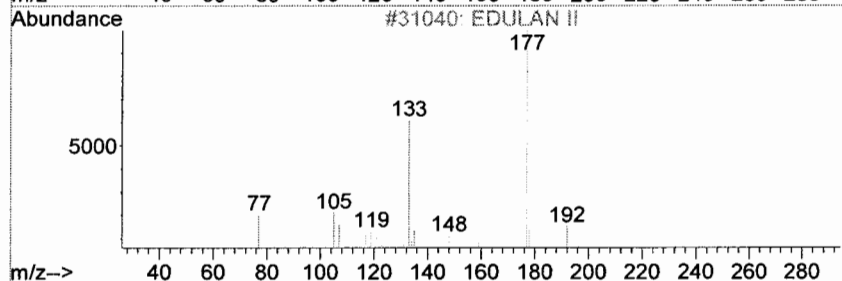
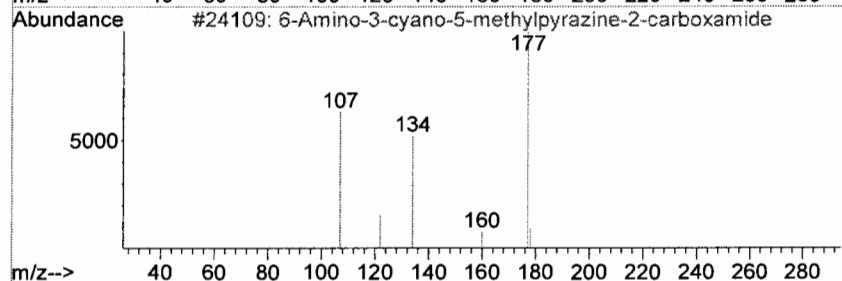
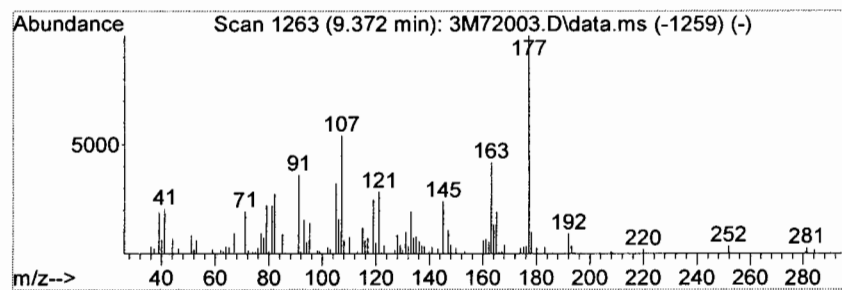
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 Quant Title : @GCMS_3,ug,624,8260

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

 Peak Number 12 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	12.58 ug/l	191117	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Amino-3-cyano-5-methylpyrazine...	177	C7H7N5O	068568-24-1	23
2			EDULAN II	192	C13H20O	041678-30-2	11
3			EDULAN I	192	C13H20O	041678-29-9	16
4			.beta.-Ionone	192	C13H20O	014901-07-6	16
5			PARA-T-BUTYL-BENZOIC ACID, METHY...	192	C12H16O2	000000-00-0	10



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

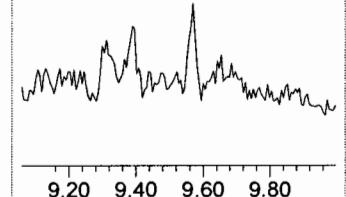
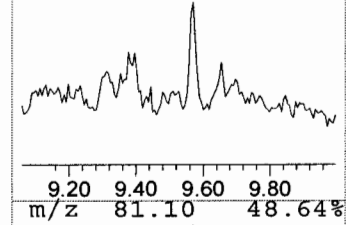
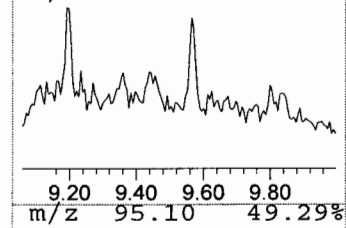
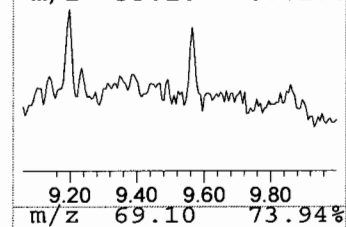
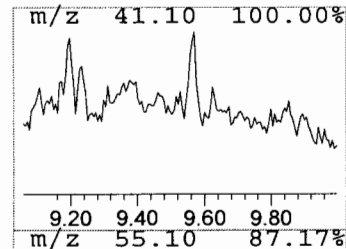
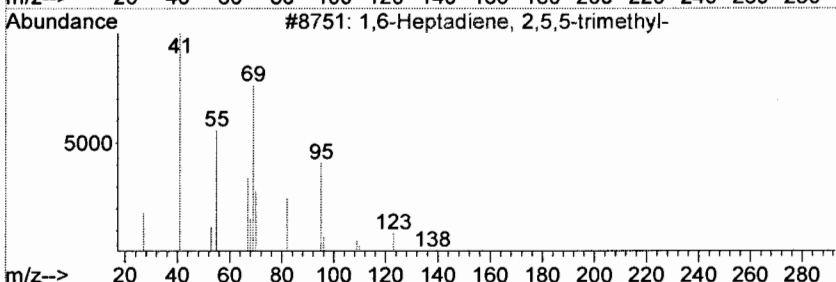
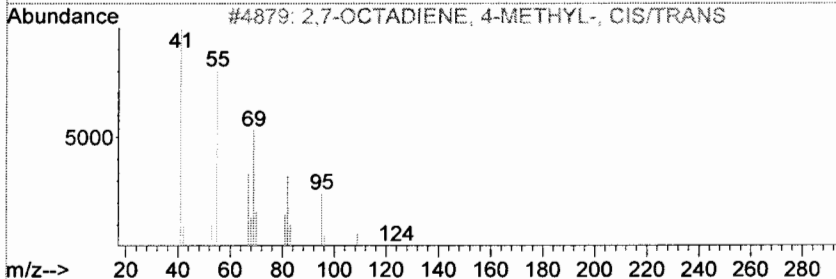
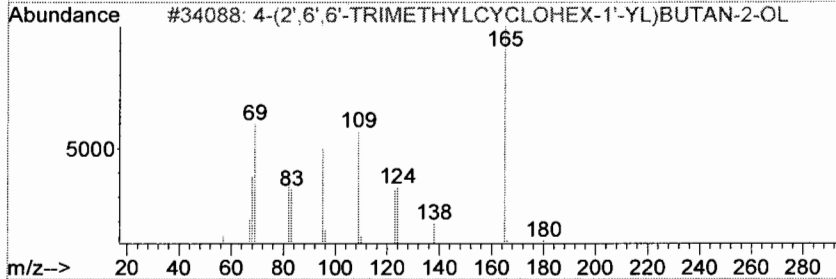
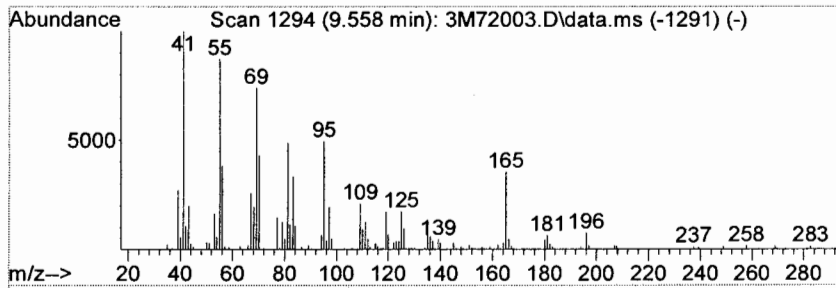
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 Quant Title : @GCMS_3,ug,624,8260

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

 Peak Number 13 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	18.39 ug/l	279479	LibIS-1,4-Dichlorobenzene-d4	7.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(2',6',6'-TRIMETHYLCYCLOHEX-1'...	198	C13H26O	000000-00-0	22
2			2,7-OCTADIENE, 4-METHYL-, CIS/TRANS	124	C9H16	000000-00-0	10
3			1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	27
4			Cyclododecane, ethyl-	196	C14H28	028981-49-9	10
5			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	10



Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M72003.D
 Acq On : 26 Feb 2010 23:21
 Operator : WP
 Sample : AC50034-005
 Misc : S,5G!4
 ALS Vial : 30 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Quant Title : @GCMS_3,ug,624,8260

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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
2-Decene, 4-methy...	7.30	11.7	ug/l	177358	3	7.84	7.84	455830	30.0
unknown	7.74	11.7	ug/l	177577	3	7.84	7.84	455830	30.0
Oxirane, [(dodecy...	8.05	8.8	ug/l	133574	3	7.84	7.84	455830	30.0
Naphthalene, deca...	8.08	12.8	ug/l	194939	3	7.84	7.84	455830	30.0
unknown	8.27	10.7	ug/l	162980	3	7.84	7.84	455830	30.0
Naphthalene, deca...	8.48	14.9	ug/l	226050	3	7.84	7.84	455830	30.0
Undecane, 2,6-dim...	8.84	30.5	ug/l	462675	3	7.84	7.84	455830	30.0
unknown	9.00	14.4	ug/l	218120	3	7.84	7.84	455830	30.0
unknown	9.10	11.2	ug/l	170249	3	7.84	7.84	455830	30.0
Cyclopentane, 1-p...	9.20	12.4	ug/l	187968	3	7.84	7.84	455830	30.0
unknown	9.32	8.8	ug/l	134259	3	7.84	7.84	455830	30.0
unknown	9.37	12.6	ug/l	191117	3	7.84	7.84	455830	30.0
unknown	9.56	18.4	ug/l	279479	3	7.84	7.84	455830	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-006

Client Id: PI01-TP-RAR1022310S01

Data File: 1M54613.D

Analysis Date: 02/26/10 14:02

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.08g

Final Vol: NA

Dilution: 0.984

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0060	U	56-23-5	Carbon Tetrachloride	0.0060	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0060	U	108-90-7	Chlorobenzene	0.0060	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0060	U	75-00-3	Chloroethane	0.0060	U
79-00-5	1,1,2-Trichloroethane	0.0060	U	67-66-3	Chloroform	0.0060	U
75-34-3	1,1-Dichloroethane	0.0060	U	74-87-3	Chloromethane	0.0060	U
75-35-4	1,1-Dichloroethene	0.0060	U	156-59-2	cis-1,2-Dichloroethene	0.0060	U
96-18-4	1,2,3-Trichloropropane	0.0060	U	10061-01-5	cis-1,3-Dichloropropene	0.0060	U
95-63-6	1,2,4-Trimethylbenzene	0.0012	0.0048	124-48-1	Dibromochloromethane	0.0060	U
95-50-1	1,2-Dichlorobenzene	0.0060	U	75-71-8	Dichlorodifluoromethane	0.0060	U
107-06-2	1,2-Dichloroethane	0.0060	U	100-41-4	Ethylbenzene	0.0012	U
78-87-5	1,2-Dichloropropane	0.0060	U	98-82-8	Isopropylbenzene	0.0012	0.0035
108-67-8	1,3,5-Trimethylbenzene	0.0012	0.0013	136777612	m&p-Xylenes	0.0012	0.0016
541-73-1	1,3-Dichlorobenzene	0.0060	U	75-09-2	Methylene Chloride	0.0060	U
142-28-9	1,3-Dichloropropane	0.0060	U	1634-04-4	Methyl-t-butyl ether	0.0012	U
106-46-7	1,4-Dichlorobenzene	0.0060	U	104-51-8	n-Butylbenzene	0.0012	0.0017
123-91-1	1,4-Dioxane	0.30	U	103-65-1	n-Propylbenzene	0.0012	0.0025
78-93-3	2-Butanone	0.0060	U	95-47-6	o-Xylene	0.0012	0.0020
110-75-8	2-Chloroethylvinylether	0.0060	U	135-98-8	sec-Butylbenzene	0.0012	0.0020
591-78-6	2-Hexanone	0.0060	U	100-42-5	Styrene	0.0060	U
99-87-6	4-Isopropyltoluene	0.0012	0.022	75-65-0	t-Butyl Alcohol	0.030	U
108-10-1	4-Methyl-2-Pentanone	0.0060	U	98-06-6	t-Butylbenzene	0.0012	U
67-64-1	Acetone	0.030	U	127-18-4	Tetrachloroethene	0.0060	U
107-02-8	Acrolein	0.030	U	108-88-3	Toluene	0.0012	0.0040
107-13-1	Acrylonitrile	0.0060	U	156-60-5	trans-1,2-Dichloroethene	0.0060	U
71-43-2	Benzene	0.0012	U	10061-02-6	trans-1,3-Dichloropropene	0.0060	U
75-27-4	Bromodichloromethane	0.0060	U	79-01-6	Trichloroethene	0.0060	U
75-25-2	Bromoform	0.0060	U	75-69-4	Trichlorofluoromethane	0.0060	U
74-83-9	Bromomethane	0.0060	U	75-01-4	Vinyl Chloride	0.0060	U
75-15-0	Carbon Disulfide	0.0060	U	1330-20-7	Xylenes (Total)	0.0012	0.0036

Worksheet #: 144264

Total Target Concentration 0.045

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.*

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-006	Matrix: Soil
Client Id: PI01-TP-RAR1022310S	Initial Vol: 5.08g
Data File: 1M54613.D	Final Vol: NA
Analysis Date: 02/26/10 14:02	Dilution: 0.984
Date Rec/Extracted: 02/25/10-NA	Solids: 82
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.32	0.029 J
2	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.023 J
3	17301-23-4	Undecane, 2,6-dimethyl-	8.91	0.092 J
4	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.12	0.033 J
5		unknown	9.17	0.019 J
6	17059-48-2	1H-Indene, 2,3-dihydro-1,6-dimethyl-	9.23	0.047 J
7	91-20-3	Naphthalene	9.36	0.020 J
8		unknown	9.44	0.032 J
9	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.71	0.025 J
10		unknown	9.85	0.022 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.34*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 : AC50034-006 Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54613.D Sam Mult : 1 Vial# : 30 Qt On : 02/26/10 15:29
 Acq On : 02/26/10 14:02 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

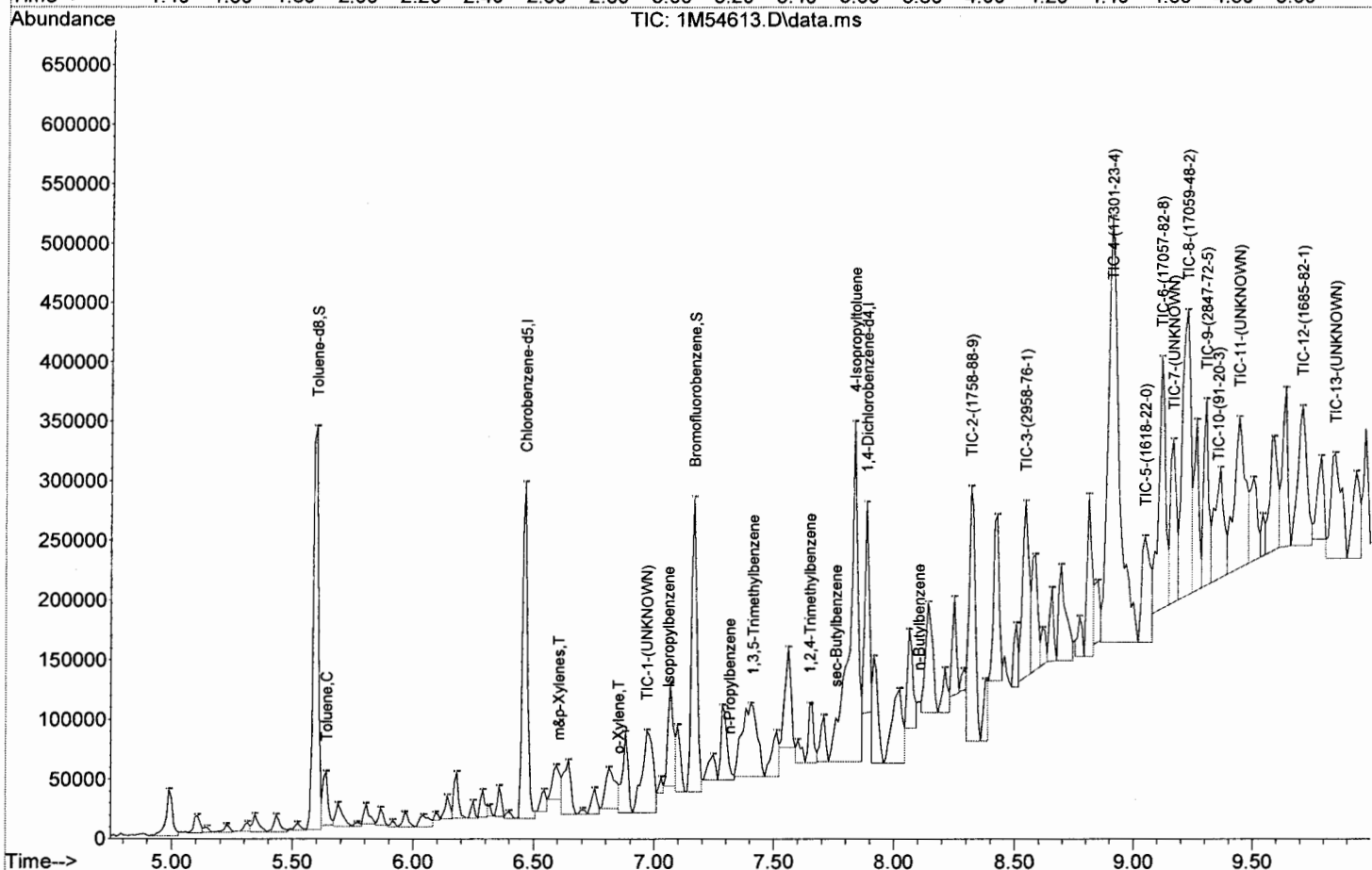
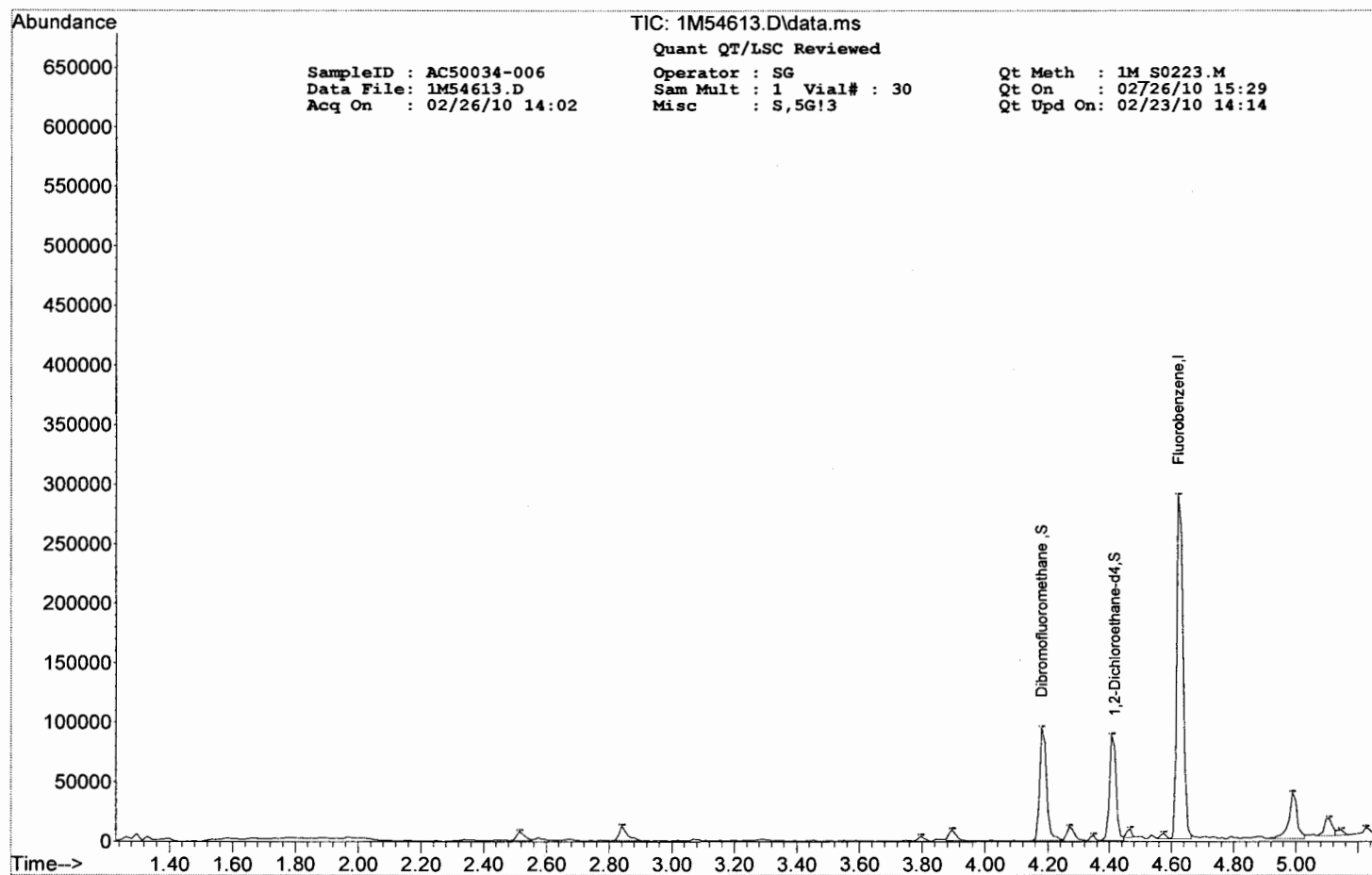
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 Qt Resp Via : Initial Calibration

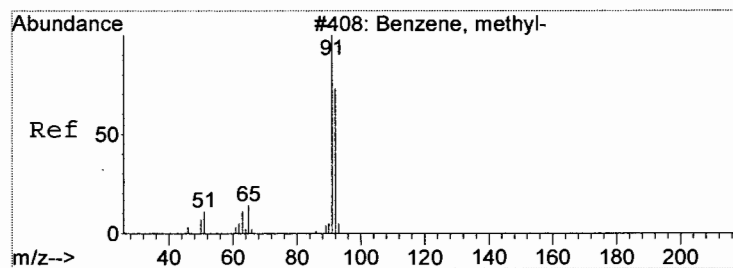
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
4) Fluorobenzene	4.624	96	155190	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.467	117	111585	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.887	152	48633	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	40687	29.11	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.03%		
35) 1,2-Dichloroethane-d4	4.417	102	7910	31.22	ug/l	0.02
Spiked Amount 30.000			Recovery =	104.07%		
59) Toluene-d8	5.600	100	103253	30.83	ug/l	0.02
Spiked Amount 30.000			Recovery =	102.77%		
67) Bromofluorobenzene	7.167	174	49778	34.52	ug/l	0.02
Spiked Amount 30.000			Recovery =	115.07%		
Target Compounds						
						Qvalue
60) Toluene	5.639	92	12929	3.31	ug/l	92
69) m&p-Xylenes	6.605	106	3212	1.32	ug/l	97
70) o-Xylene	6.852	106	3855	1.67	ug/l	94
75) Isopropylbenzene	7.059	105	18434	2.94	ug/l	81
81) n-Propylbenzene	7.315	91	16336	2.08	ug/l	94
83) 1,3,5-Trimethylbenzene	7.414	105	6209m	1.12	ug/l	
85) 1,2,4-Trimethylbenzene	7.650	105	21786	4.02	ug/l	86
86) sec-Butylbenzene	7.758	105	11395	1.69	ug/l	73
87) 4-Isopropyltoluene	7.837	119	102178m	18.07	ug/l	
88) n-Butylbenzene	8.103	91	9995m	1.44	ug/l	
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.624		410871	30.00	ug/l	--
2) Chlorobenzene-d5	6.467		417409	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.887		453320	30.00	ug/l	--
Library Search Compounds						
1) UNKNOWN	6.970		221859	15.95	ug/l	--
2) 1758-88-9	8.320		367455	24.32	ug/l	94
3) 2958-76-1	8.550		285477	18.89	ug/l	58
4) 17301-23-4	8.910		1153810	76.36	ug/l	55
5) 1618-22-0	9.050		233994	15.49	ug/l	60
6) 17057-82-8	9.120		418490	27.70	ug/l	86
7) UNKNOWN	9.170		243117	16.09	ug/l	--
8) 17059-48-2	9.230		591106	39.12	ug/l	91
9) 2847-72-5	9.310		231189	15.30	ug/l	50
10) 91-20-3	9.360		248531	16.45	ug/l	74
11) UNKNOWN	9.440		408157	27.01	ug/l	--
12) 1685-82-1	9.710		309769	20.50	ug/l	95
13) UNKNOWN	9.850		273195	18.08	ug/l	--

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

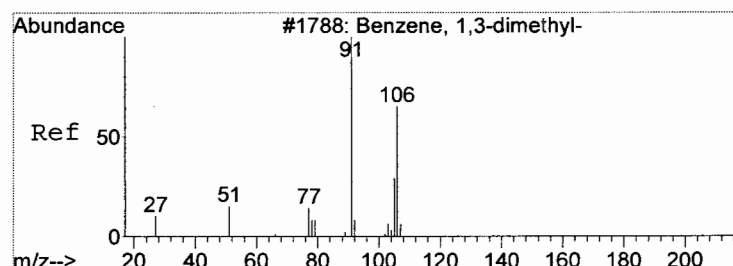
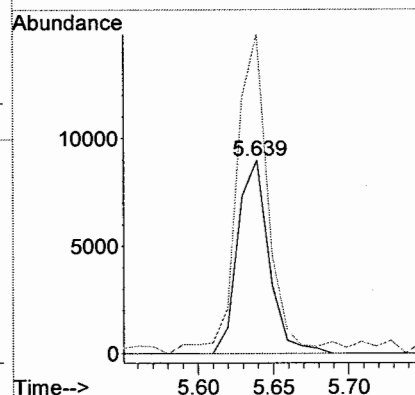
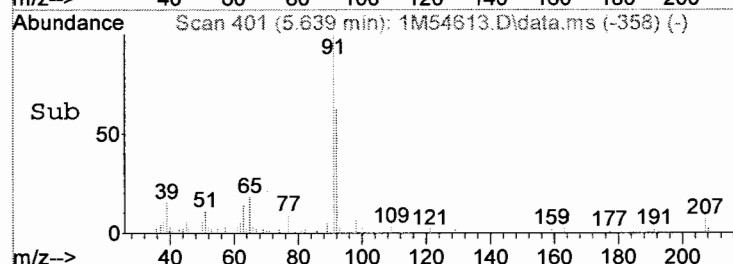
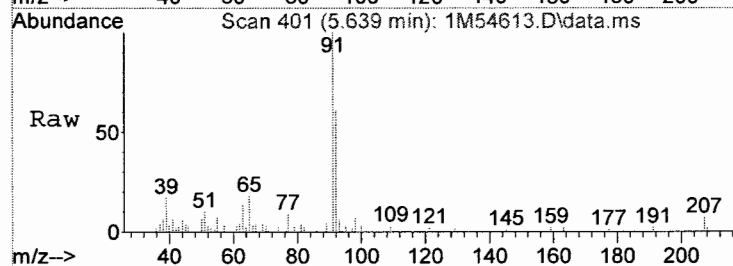
W





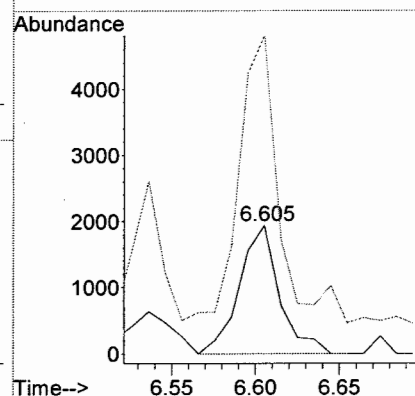
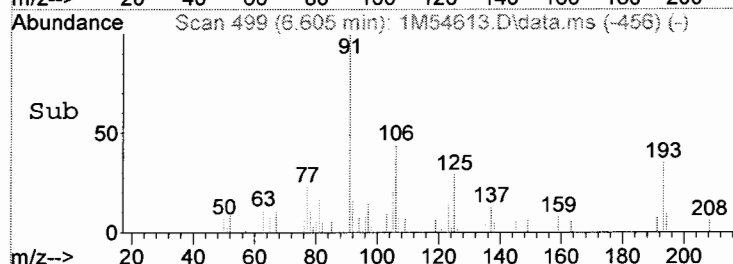
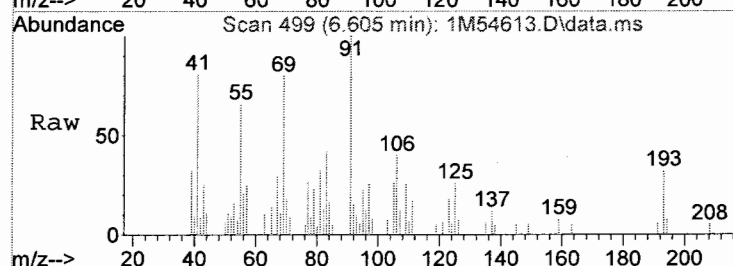
#60
Toluene
Concen: 3.31 ug/l
RT: 5.639 min Scan# 401
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

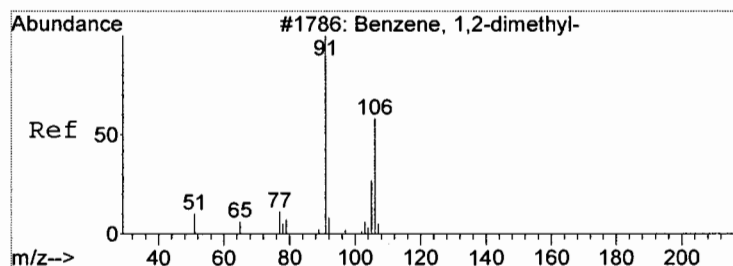
Tgt Ion: 92 Resp: 12929
Ion Ratio Lower Upper
92 100
91 162.3 104.1 242.9



#69
m&p-Xylenes
Concen: 1.32 ug/l
RT: 6.605 min Scan# 499
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

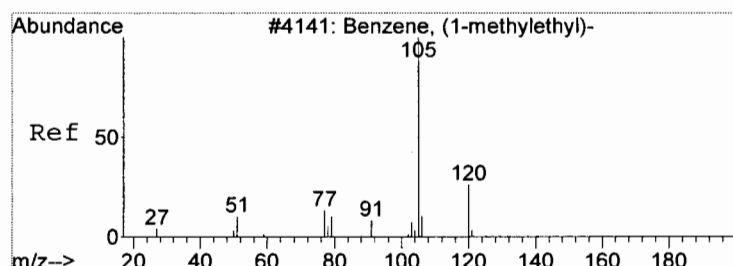
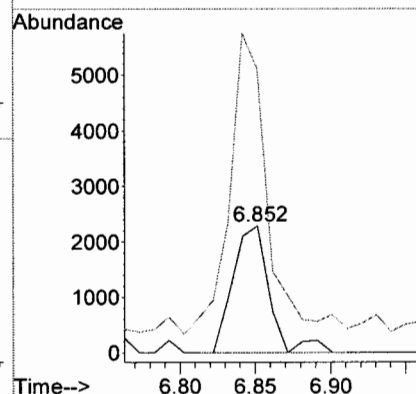
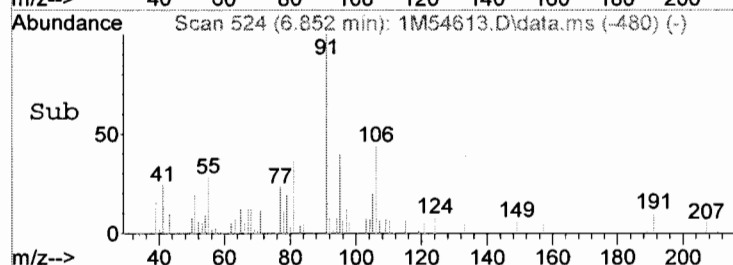
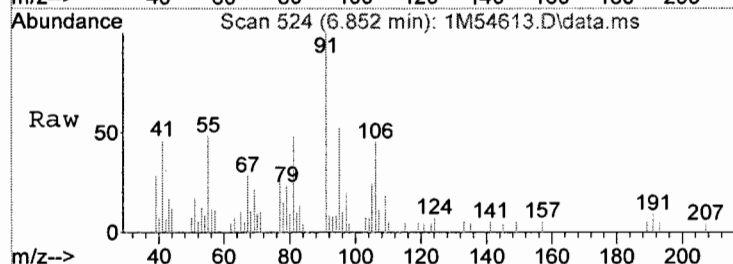
Tgt Ion: 106 Resp: 3212
Ion Ratio Lower Upper
106 100
91 224.7 132.0 308.0





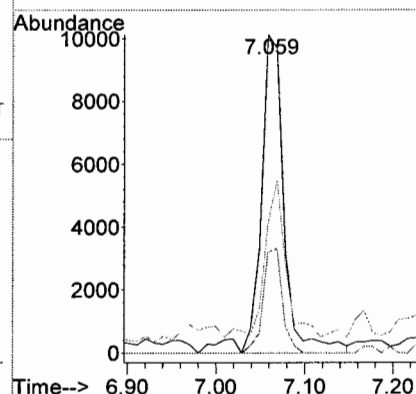
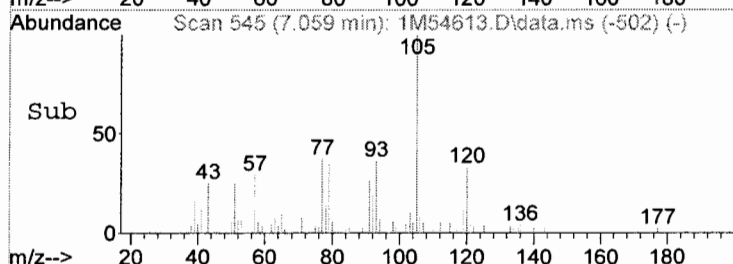
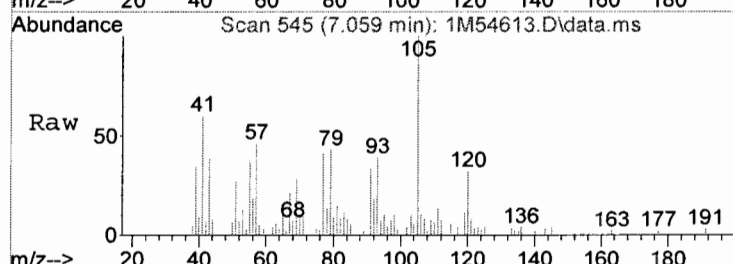
#70
o-Xylene
Concen: 1.67 ug/l
RT: 6.852 min Scan# 524
Delta R.T. 0.030 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

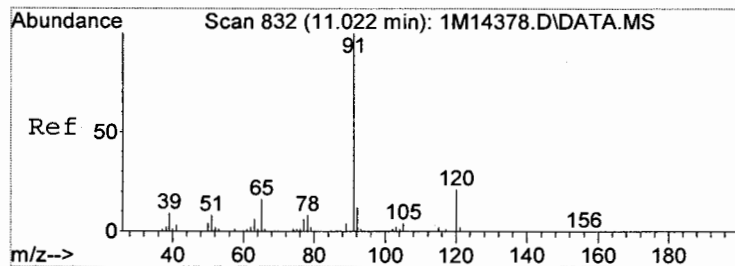
Tgt Ion:106 Resp: 3855
Ion Ratio Lower Upper
106 100
91 205.0 129.1 301.1



#75
Isopropylbenzene
Concen: 2.94 ug/l
RT: 7.059 min Scan# 545
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

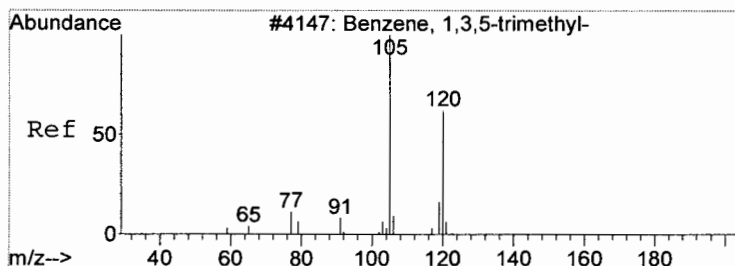
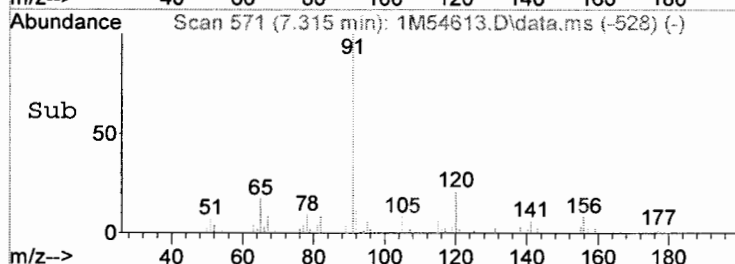
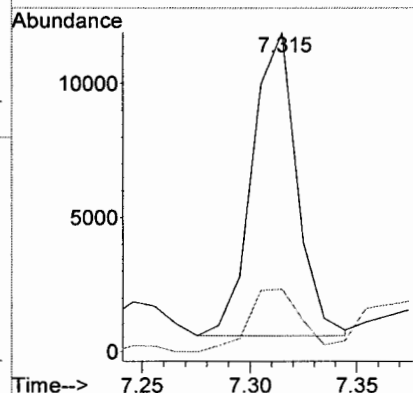
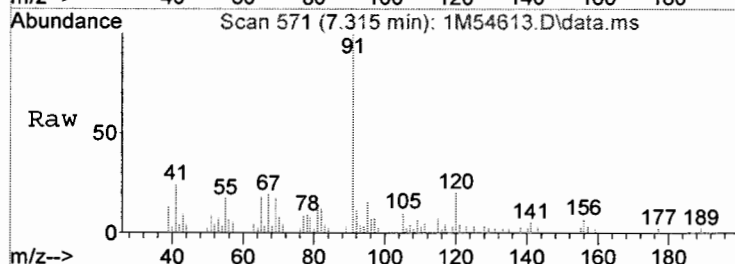
Tgt Ion:105 Resp: 18434
Ion Ratio Lower Upper
105 100
120 26.9 0.0 66.9
77 39.5 0.0 58.3





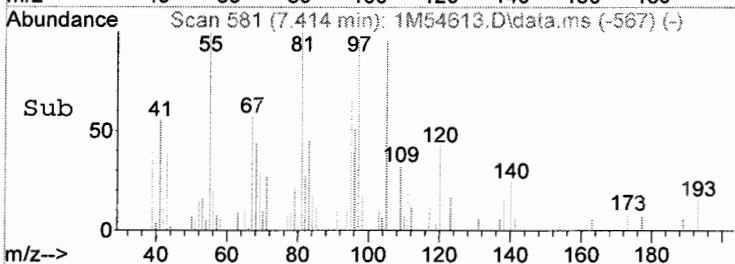
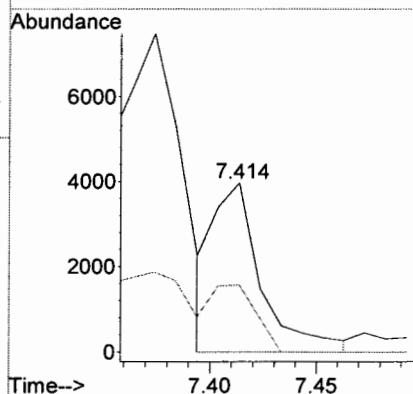
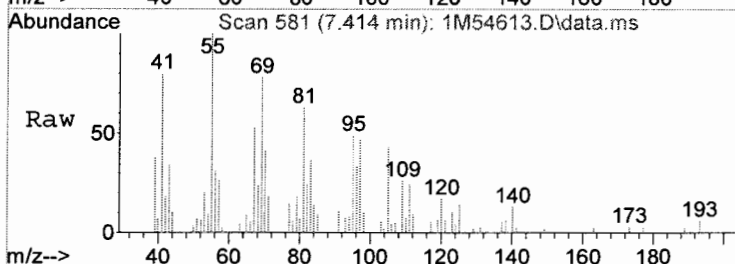
#81
n-Propylbenzene
Concen: 2.08 ug/l
RT: 7.315 min Scan# 571
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

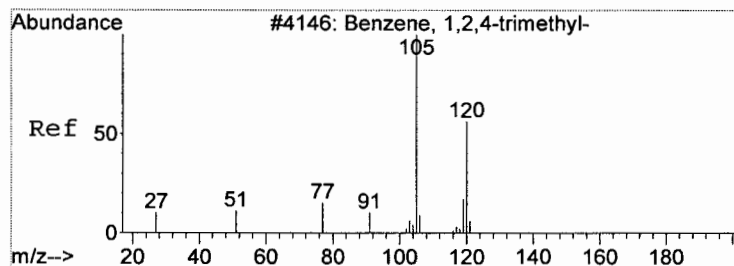
Tgt Ion: 91 Resp: 16336
Ion Ratio Lower Upper
91 100
120 24.4 0.0 61.6



#83
1,3,5-Trimethylbenzene
Concen: 1.12 ug/l m
RT: 7.414 min Scan# 581
Delta R.T. 0.021 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

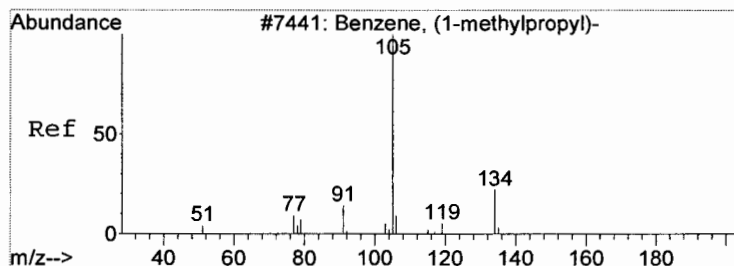
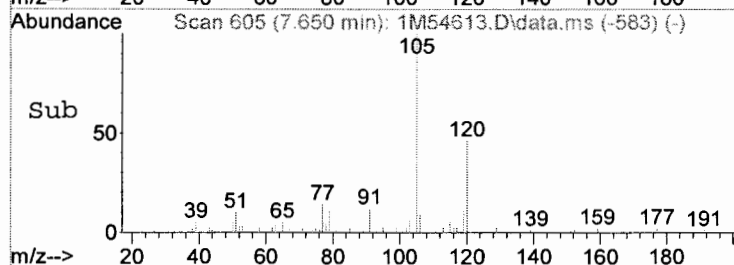
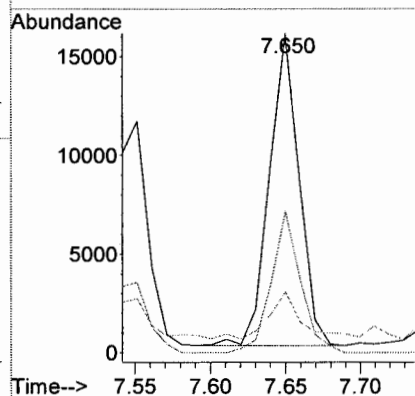
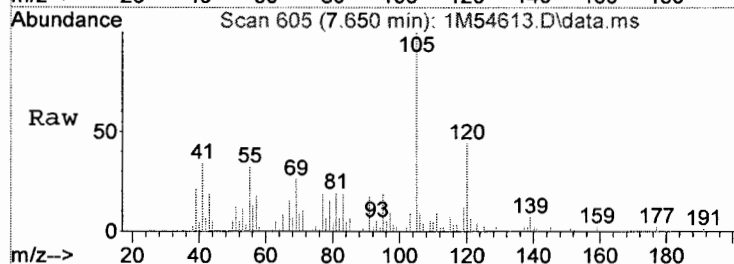
Tgt Ion: 105 Resp: 6209
Ion Ratio Lower Upper
105 100
120 62.9 0.0 94.0





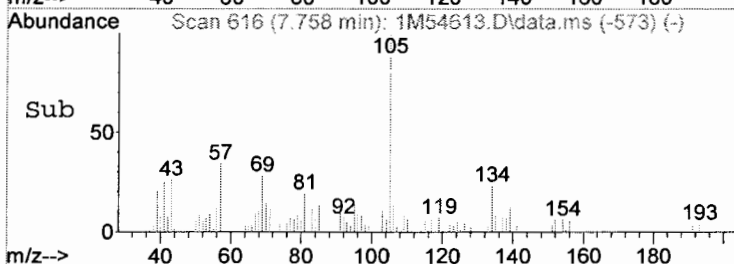
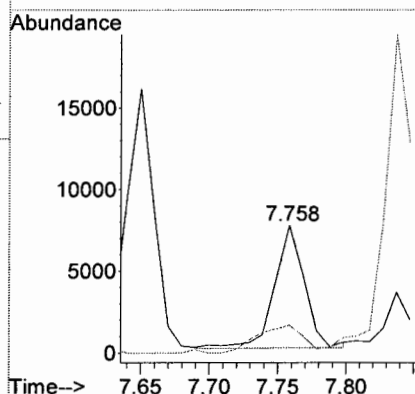
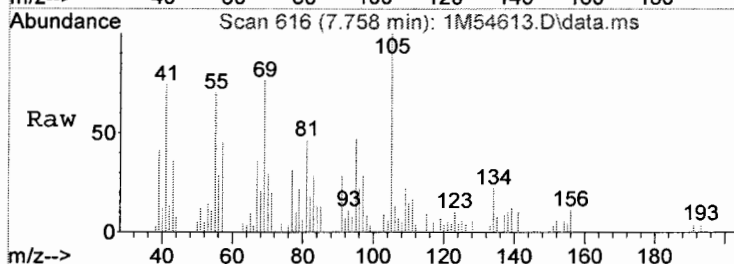
#85
1,2,4-Trimethylbenzene
Concen: 4.02 ug/l
RT: 7.650 min Scan# 605
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

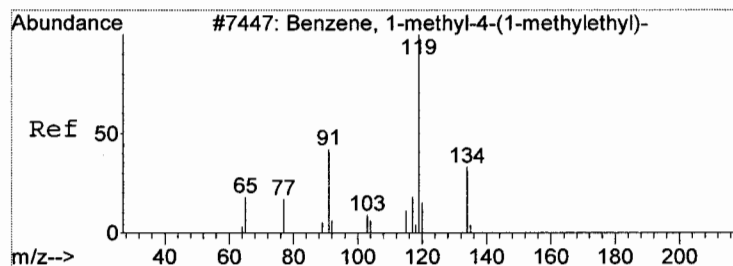
Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	12.2	92.2
77	16.2	0.0	66.0



#86
sec-Butylbenzene
Concen: 1.69 ug/l
RT: 7.758 min Scan# 616
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

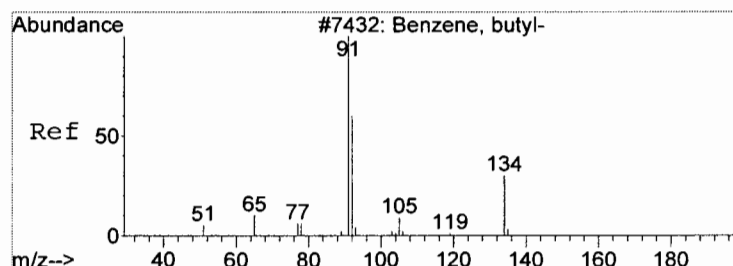
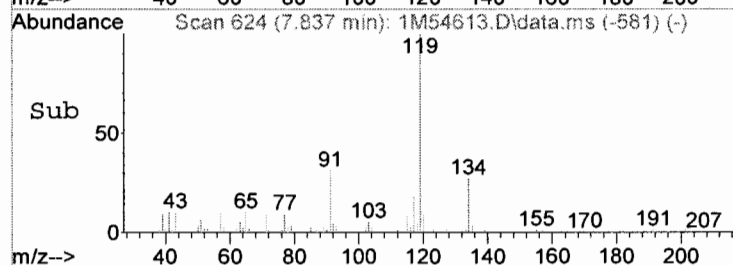
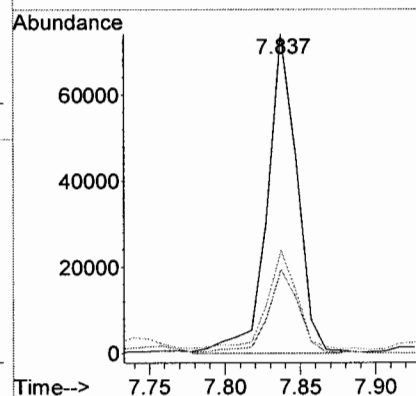
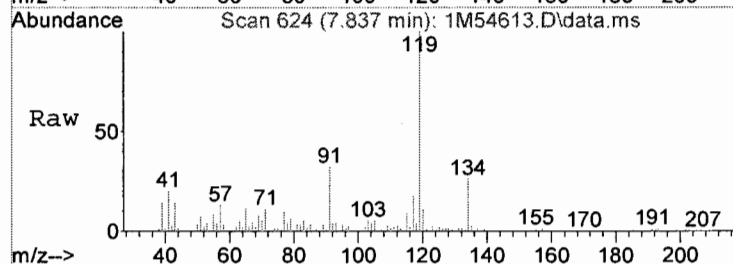
Tgt Ion	Ratio	Lower	Upper
105	100		
134	34.5	0.0	61.8





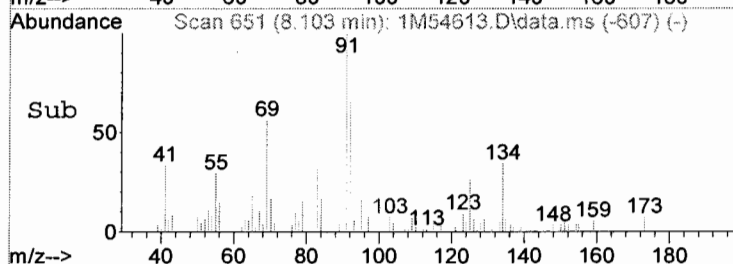
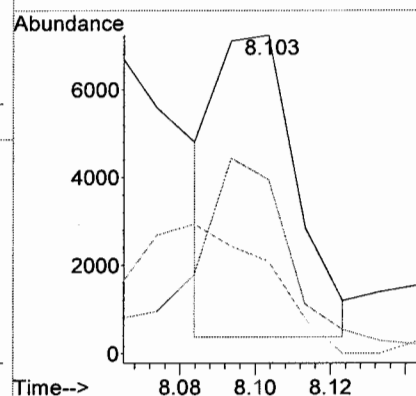
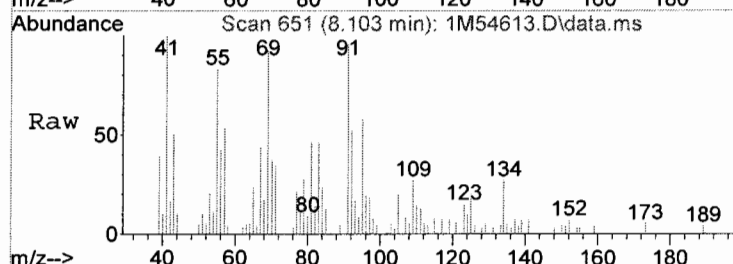
#87
4-Isopropyltoluene
Concen: 18.07 ug/l m
RT: 7.837 min Scan# 624
Delta R.T. 0.020 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	0.0	66.7
91	32.5	0.0	66.3



#88
n-Butylbenzene
Concen: 1.44 ug/l m
RT: 8.103 min Scan# 651
Delta R.T. 0.029 min
Lab File: 1M54613.D
Acq: 26 Feb 2010 14:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	101.1	8.4	88.4#
134	73.8	3.6	83.6



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G13
 ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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: 1M54613.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.515	81	84	88	rBV	7681	13357	1.16%	0.102%
2	2.840	113	117	124	rBV2	12269	22548	1.95%	0.172%
3	3.796	211	214	217	rVB	4233	5679	0.49%	0.043%
4	3.895	222	224	230	rVB	8965	13774	1.19%	0.105%
5	4.181	250	253	260	rBV	94448	146106	12.66%	1.113%
6	4.270	260	262	268	rVB3	11973	21253	1.84%	0.162%
7	4.348	268	270	272	rBV	4863	5690	0.49%	0.043%
8	4.408	272	276	280	rBV	88372	130813	11.34%	0.997%
9	4.467	280	282	284	rVB	7226	8023	0.70%	0.061%
10	4.575	291	293	295	rVB	4702	5700	0.49%	0.043%
11	4.624	295	298	302	rBV	288462	408411	35.40%	3.112%
12	4.989	327	335	339	rBV3	38316	72402	6.28%	0.552%
13	5.107	343	347	349	rBV2	14739	27413	2.38%	0.209%
14	5.147	349	351	353	rVV2	4481	6299	0.55%	0.048%
15	5.226	353	359	362	rVV4	6408	11768	1.02%	0.090%
16	5.314	364	368	369	rBV4	7231	11950	1.04%	0.091%
17	5.344	369	371	376	rVB2	14565	25013	2.17%	0.191%
18	5.433	376	380	385	rBV3	14203	27870	2.42%	0.212%
19	5.521	385	389	393	rBV6	5656	9730	0.84%	0.074%
20	5.600	393	397	399	rBV	337116	516713	44.78%	3.937%
21	5.639	399	401	404	rVV	44790	64662	5.60%	0.493%
22	5.689	404	406	412	rVB4	19431	39119	3.39%	0.298%
23	5.768	412	414	416	rBV3	3067	6244	0.54%	0.048%
24	5.807	416	418	422	rBV3	16487	26399	2.29%	0.201%
25	5.866	422	424	427	rVB3	14162	18300	1.59%	0.139%
26	5.915	427	429	431	rVB3	5011	5768	0.50%	0.044%
27	5.965	431	434	439	rBV3	11560	19781	1.71%	0.151%
28	6.044	439	442	446	rBV5	9417	28964	2.51%	0.221%
29	6.093	446	447	449	rBV2	5780	7028	0.61%	0.054%
30	6.142	449	452	454	rBV2	19265	29316	2.54%	0.223%
31	6.182	454	456	460	rVB	38307	50350	4.36%	0.384%
32	6.251	460	463	465	rBV2	13914	14983	1.30%	0.114%
33	6.290	465	467	469	rBV	22284	33836	2.93%	0.258%
34	6.320	469	470	472	rVB2	8509	6000	0.52%	0.046%
35	6.359	472	474	476	rVB	25132	29162	2.53%	0.222%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G13
 ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	6.398	476	478	481	rVB3	5563	8417	0.73%	0.064%
37	6.467	481	485	489	rBV	280921	413986	35.88%	3.154%
38	6.546	490	493	494	rBV2	17733	30035	2.60%	0.229%
39	6.595	494	498	500	rBV3	28204	64723	5.61%	0.493%
40	6.645	500	503	507	rVB2	44596	89785	7.78%	0.684%
41	6.704	507	509	511	rBV3	4070	5963	0.52%	0.045%
42	6.753	511	514	516	rBV2	20869	34505	2.99%	0.263%
43	6.812	516	520	524	rBV4	33699	99924	8.66%	0.761%
44	6.881	524	527	530	rVB2	67008	104746	9.08%	0.798%
45	6.970	530	536	540	rBV4	68402	221859	19.23%	1.691%
46	7.029	540	542	543	rBV	12521	13738	1.19%	0.105%
47	7.069	543	546	548	rBV2	84958	142609	12.36%	1.087%
48	7.098	548	549	552	rVB2	55234	61951	5.37%	0.472%
49	7.167	552	556	559	rBV3	245981	382885	33.18%	2.918%
50	7.246	559	564	566	rBV6	20825	45166	3.91%	0.344%
51	7.285	566	568	573	rBV2	61678	109329	9.48%	0.833%
52	7.404	573	580	586	rVB9	60504	271245	23.51%	2.067%
53	7.512	586	591	592	rBV4	37608	82275	7.13%	0.627%
54	7.561	592	596	599	rVB2	83162	142807	12.38%	1.088%
55	7.601	599	600	603	rVB3	18532	25599	2.22%	0.195%
56	7.650	603	605	608	rBV2	48909	76581	6.64%	0.584%
57	7.709	608	611	613	rVB3	37983	55411	4.80%	0.422%
58	7.837	613	624	627	rBV2	284274	722054	62.58%	5.502%
59	7.887	627	629	631	rVV	174914	223030	19.33%	1.699%
60	7.916	631	632	636	rVB2	88846	130556	11.32%	0.995%
61	8.025	636	643	645	rBV4	61653	195329	16.93%	1.488%
62	8.064	645	647	650	rBV2	81803	138201	11.98%	1.053%
63	8.143	652	655	659	rVB3	91842	184400	15.98%	1.405%
64	8.212	659	662	664	rBV4	36715	59624	5.17%	0.454%
65	8.251	664	666	668	rVV2	81681	97184	8.42%	0.741%
66	8.291	668	670	671	rVV2	17205	26596	2.31%	0.203%
67	8.320	671	673	677	rVB2	212646	367455	31.85%	2.800%
68	8.379	677	679	680	rBV	50993	73169	6.34%	0.558%
69	8.429	680	684	686	rBV	138057	225868	19.58%	1.721%
70	8.508	690	692	693	rBV2	52782	70131	6.08%	0.534%
71	8.547	693	696	698	rVV2	149070	285477	24.74%	2.175%
72	8.586	698	700	702	rVV	96533	156519	13.57%	1.193%
73	8.616	702	703	705	rVV	29590	39328	3.41%	0.300%
74	8.655	705	707	709	rVB3	60347	70545	6.11%	0.538%
75	8.695	709	711	716	rBV3	79274	175813	15.24%	1.340%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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

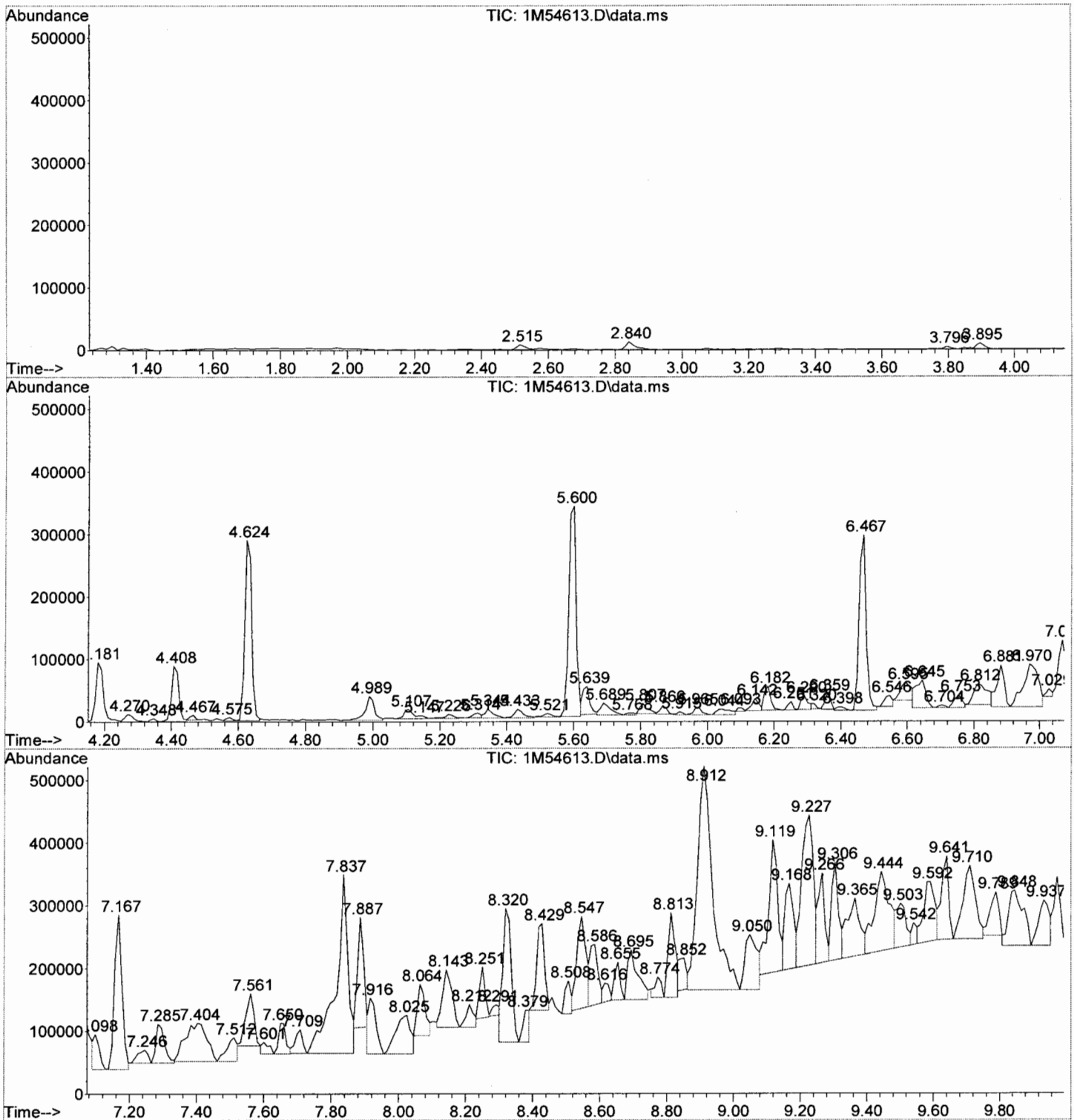
76	8.774	717	719	721	rVB2	32567	42906	3.72%	0.327%
77	8.813	721	723	725	rBV	135076	208468	18.07%	1.588%
78	8.852	725	727	728	rVV	51779	75357	6.53%	0.574%
79	8.912	728	733	744	rVB4	357392	1153810	100.00%	8.792%
80	9.050	744	747	750	rBV4	88367	233994	20.28%	1.783%
81	9.119	750	754	757	rVV2	212125	418490	36.27%	3.189%
82	9.168	757	759	761	rVV2	136400	243117	21.07%	1.853%
83	9.227	761	765	767	rVV2	240059	591106	51.23%	4.504%
84	9.266	767	769	771	rVV	142256	193286	16.75%	1.473%
85	9.306	771	773	775	rVV	155640	231189	20.04%	1.762%
86	9.365	775	779	782	rVV3	91845	248531	21.54%	1.894%
87	9.444	782	787	791	rVV7	125425	408157	35.37%	3.110%
88	9.503	791	793	796	rVV2	67786	142321	12.33%	1.084%
89	9.542	796	797	798	rVV	34151	36345	3.15%	0.277%
90	9.592	798	802	804	rVV3	94038	227025	19.68%	1.730%
91	9.641	804	807	809	rVB3	132576	197400	17.11%	1.504%
92	9.710	809	814	818	rBV6	116903	309769	26.85%	2.360%
93	9.789	818	822	824	rVB4	69247	127010	11.01%	0.968%
94	9.848	824	828	833	rVB5	87712	273195	23.68%	2.082%
95	9.937	833	837	839	rBV4	72192	166963	14.47%	1.272%

Sum of corrected areas: 13123681

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 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\02-26-10\
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 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

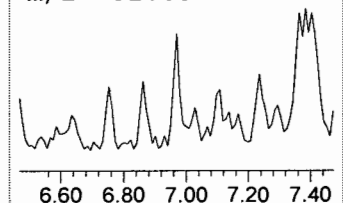
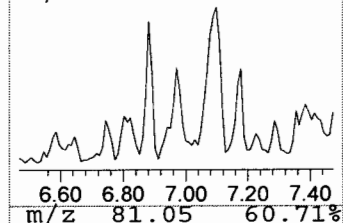
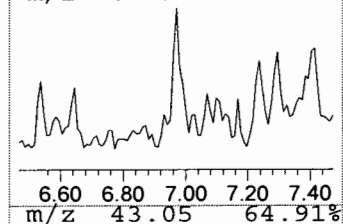
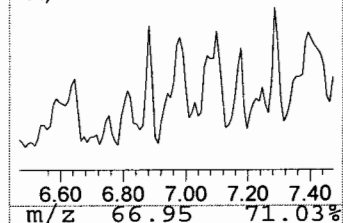
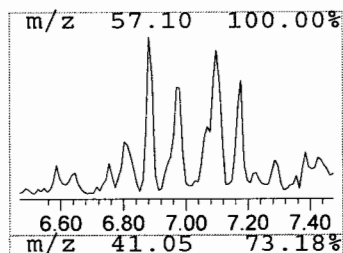
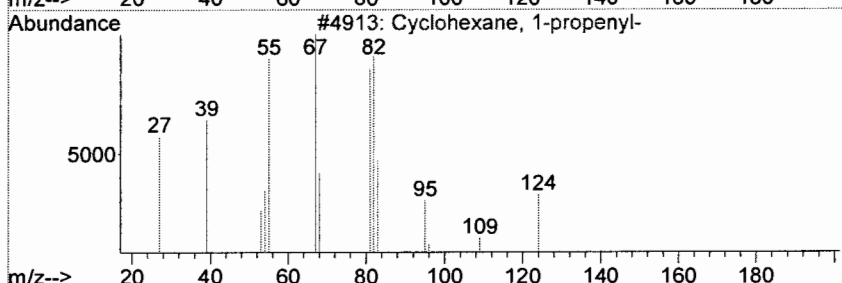
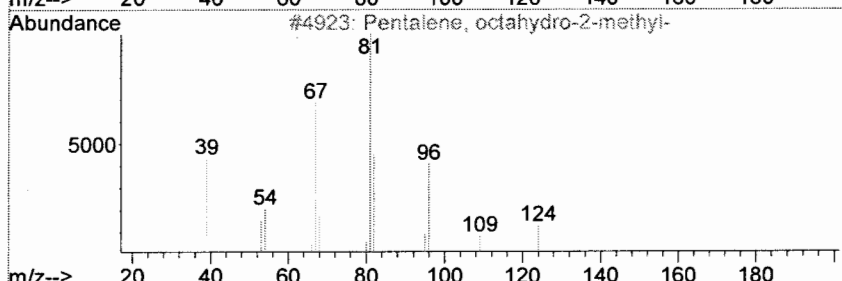
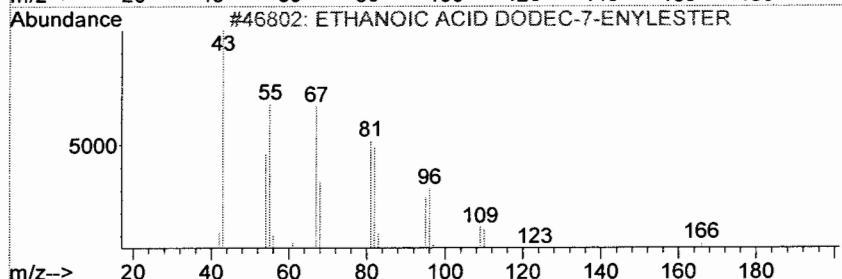
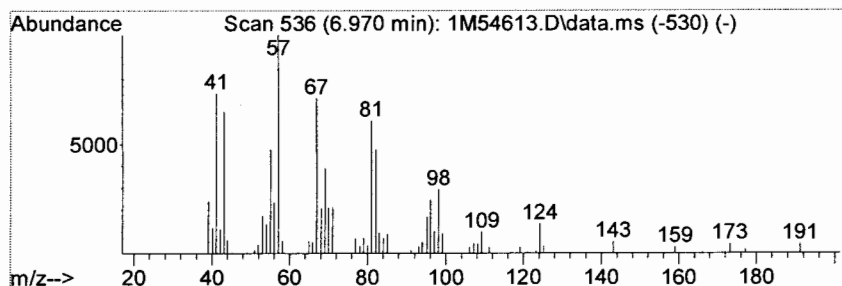
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 1 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	15.95 ug/l	221859	LibIS-Chlorobenzene-d5	6.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			ETHANOIC ACID DODEC-7-ENYLESTER	226	C14H26O2	014959-86-5	43
2			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	42
3			Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	45
4			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	35
5			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	35



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

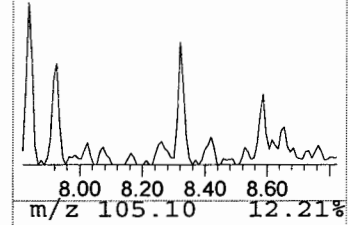
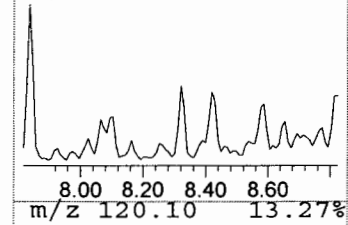
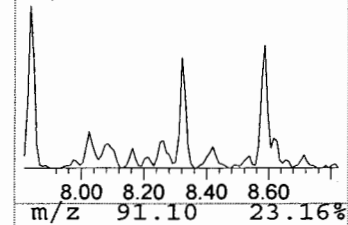
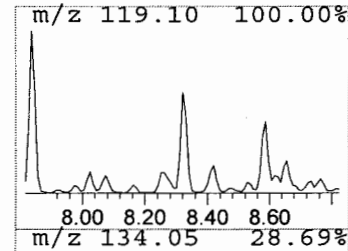
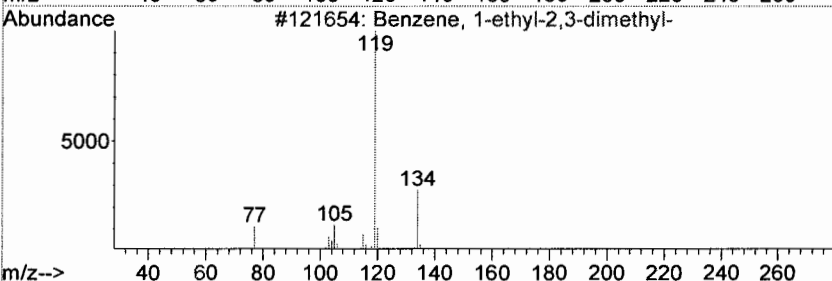
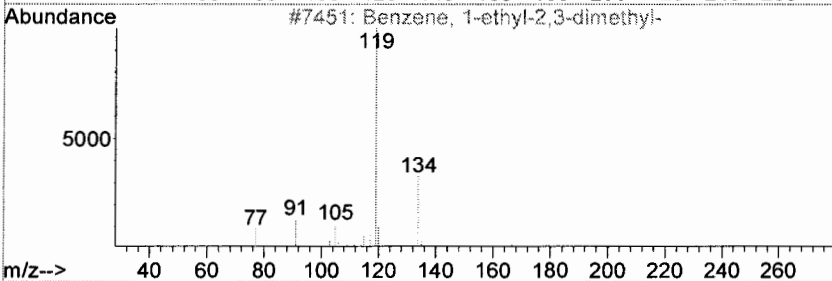
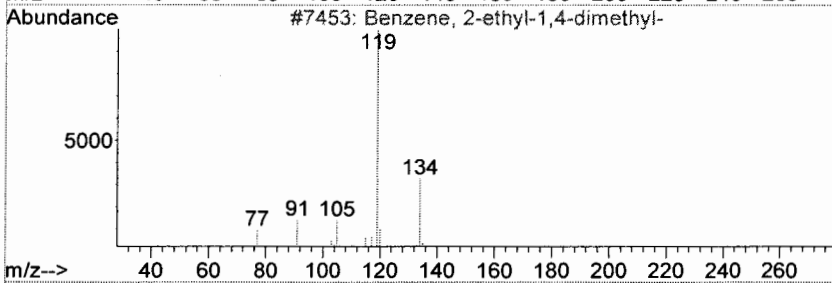
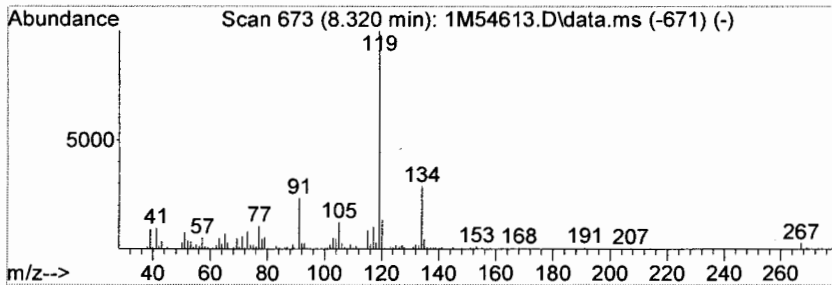
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	24.32 ug/l	367455	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

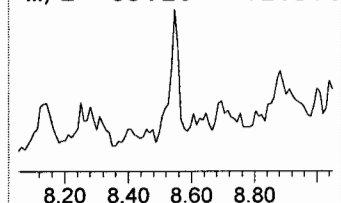
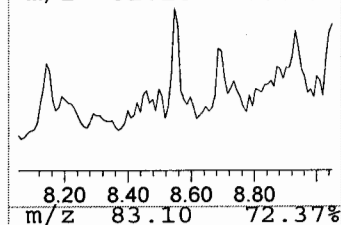
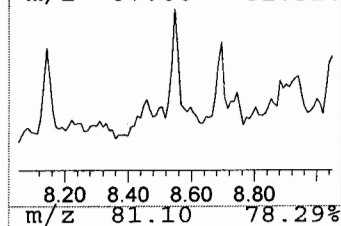
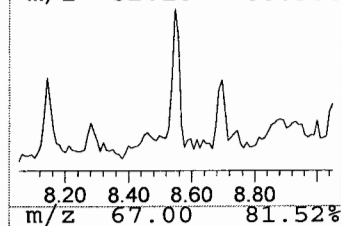
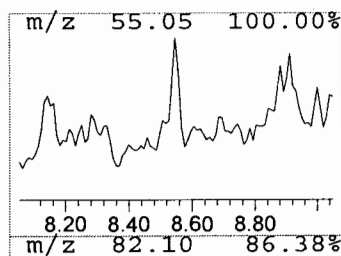
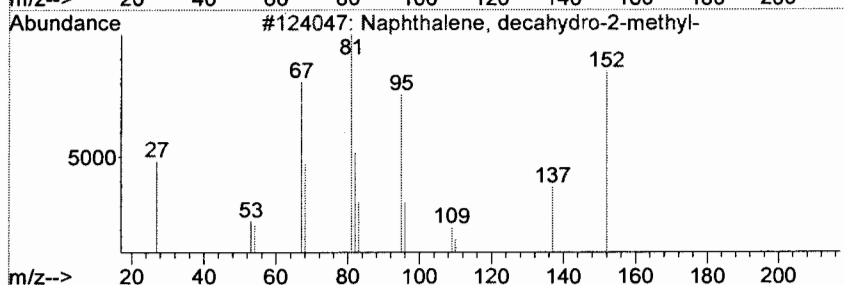
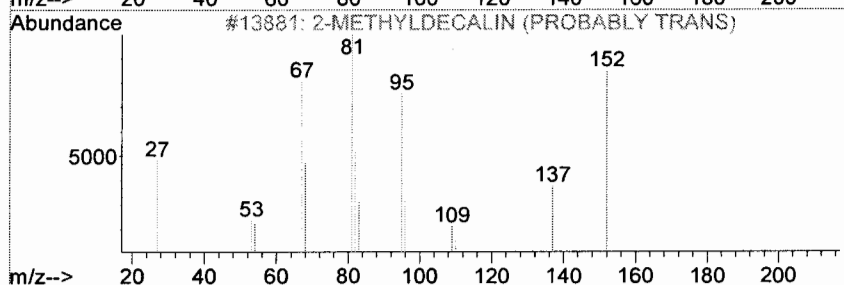
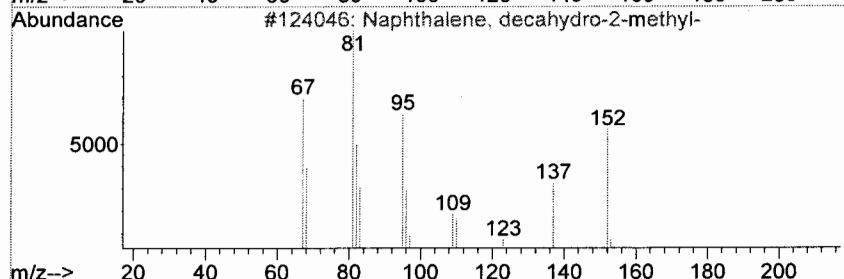
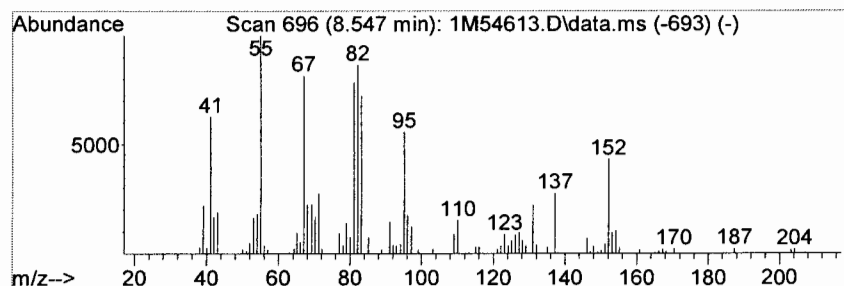
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	18.89 ug/l	285477	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	58
2			2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	14
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	14
4			Cyclohexaneethanol	128	C8H16O	004442-79-9	50
5			2-allyl-2-methylcyclohexanone	152	C10H16O	016178-87-3	38



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 Sample Multiplier: 1

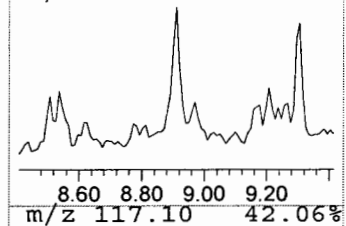
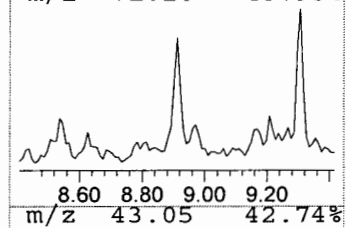
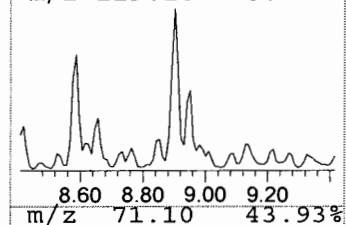
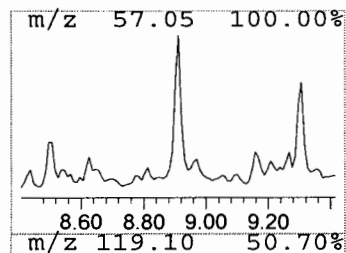
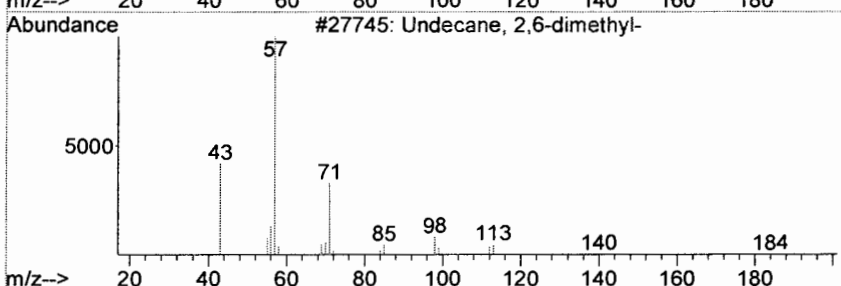
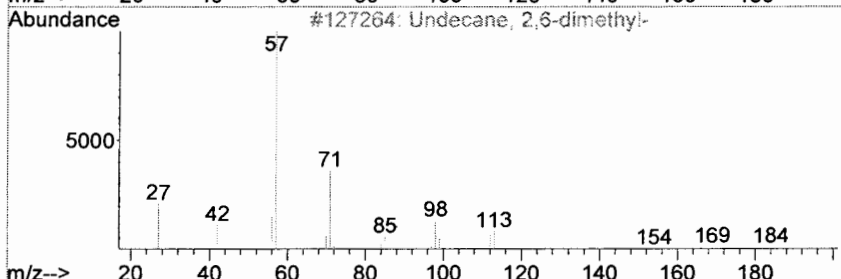
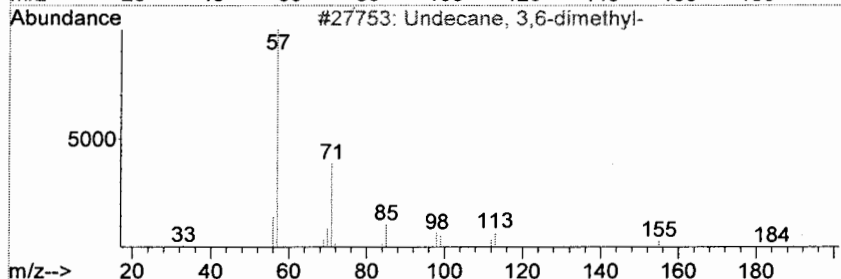
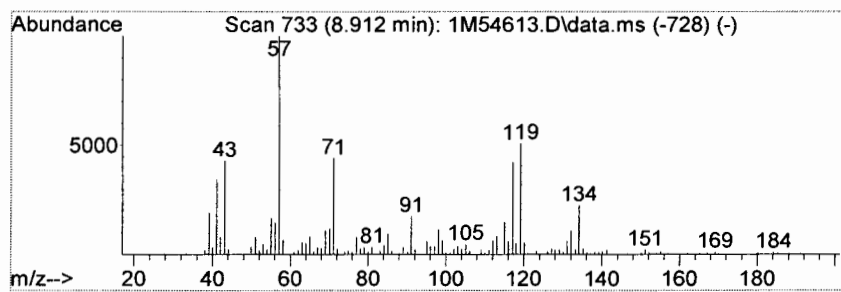
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	76.36 ug/l	1153810	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	42		
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55		
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	30		
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	25		
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	15		



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 Sample Multiplier: 1

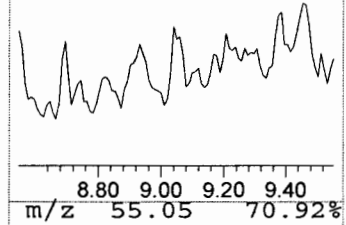
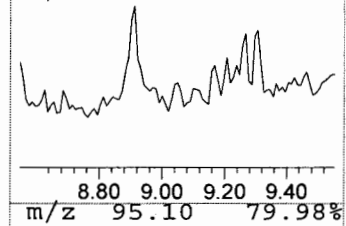
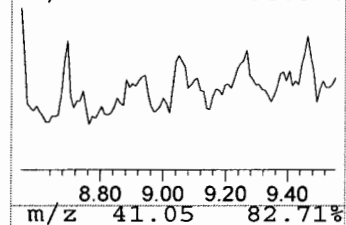
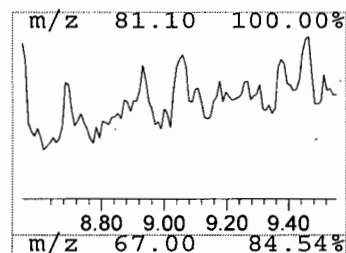
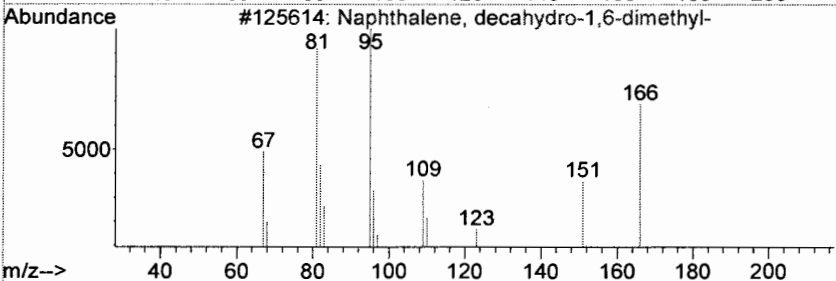
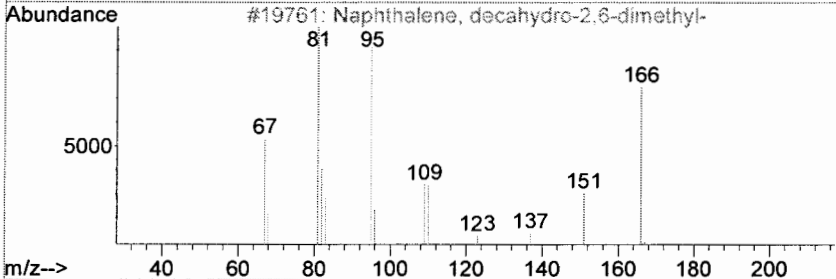
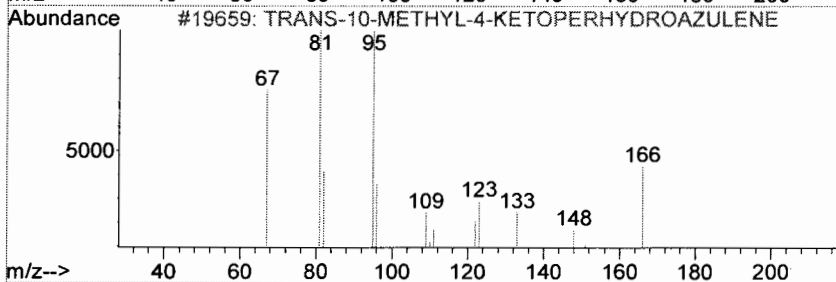
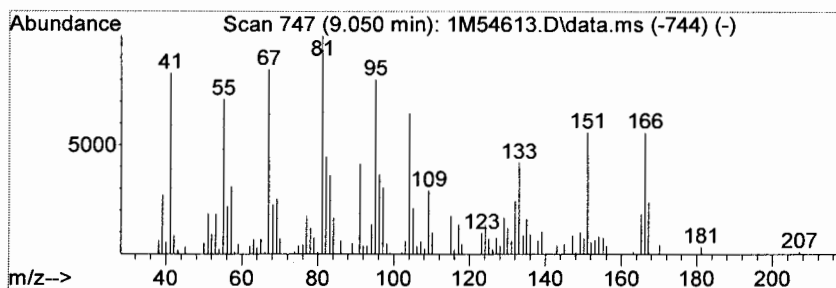
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 5 Naphthalene, decahydro-2,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	15.49 ug/l	233994	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			TRANS-10-METHYL-4-KETOPERHYDROAZ...	166	C11H18O	085318-94-1	43
2			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	60
3			Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	49
4			7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	43
5			6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	43



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
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 ALS Vial : 30 Sample Multiplier: 1

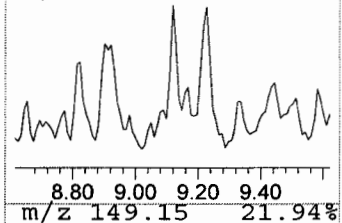
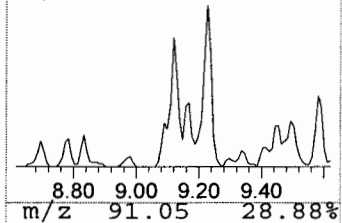
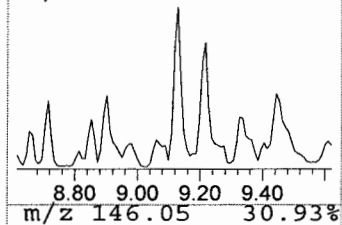
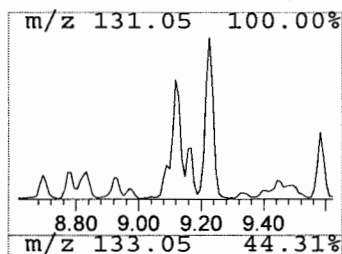
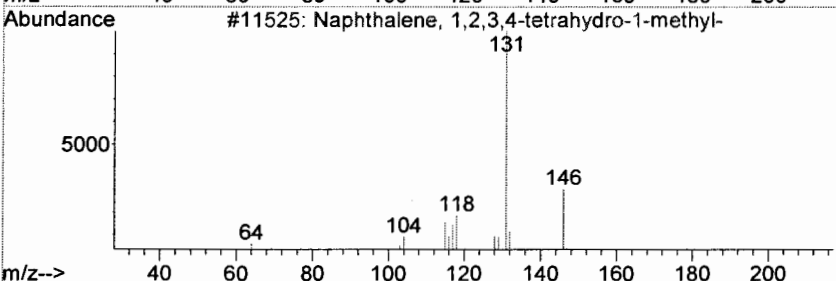
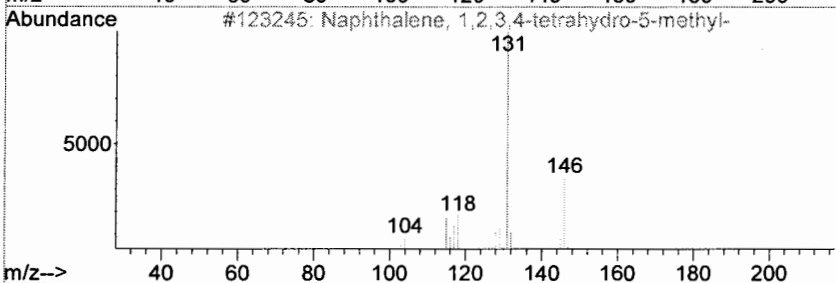
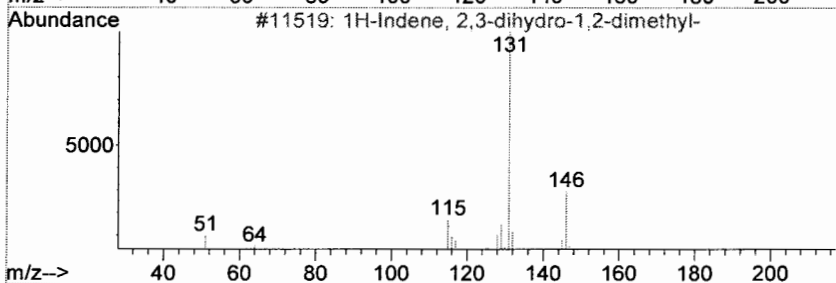
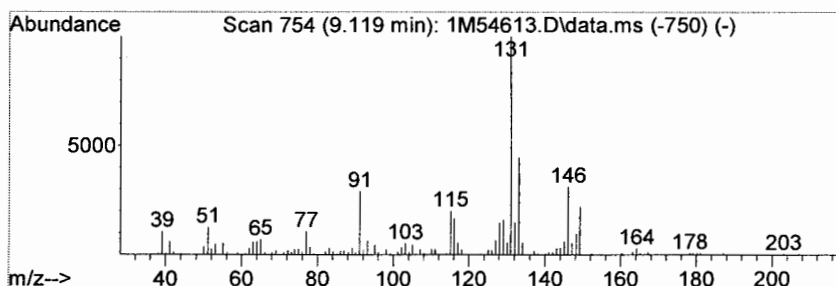
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 Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	27.70 ug/l	418490	LibIS-1,4-Dichlorobenzene-d4	7.89

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			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	60



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
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 ALS Vial : 30 Sample Multiplier: 1

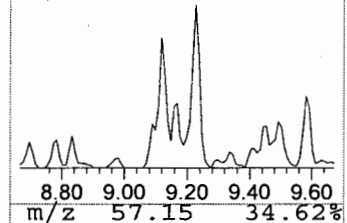
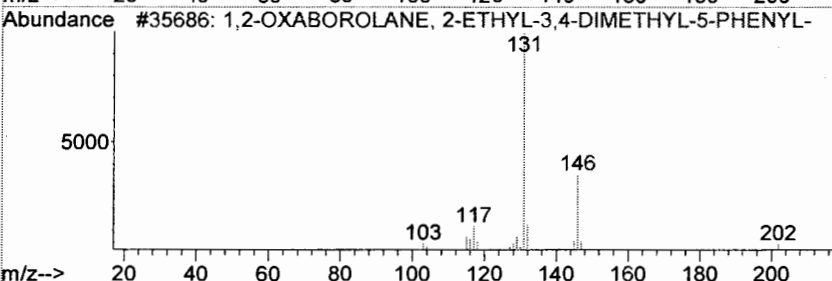
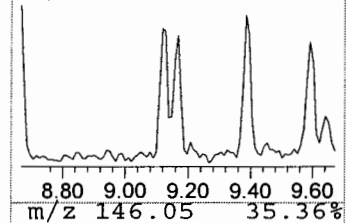
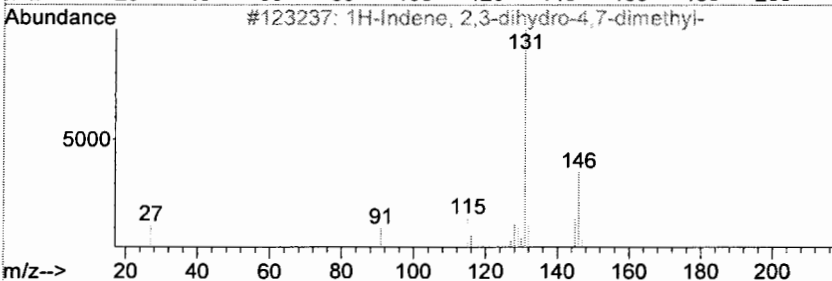
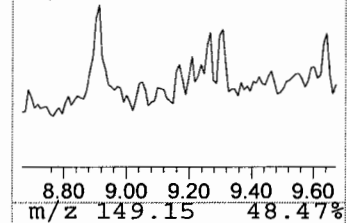
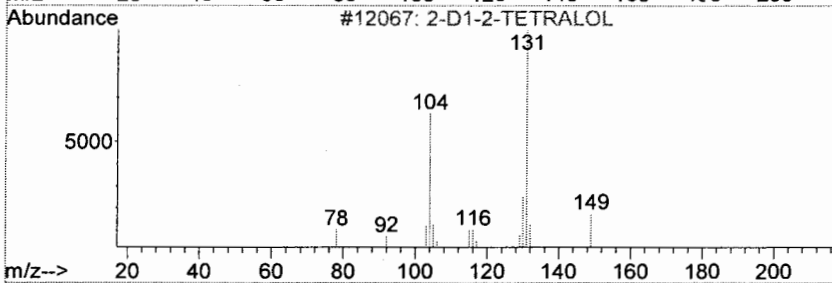
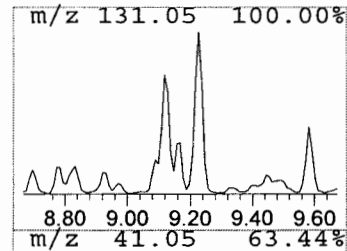
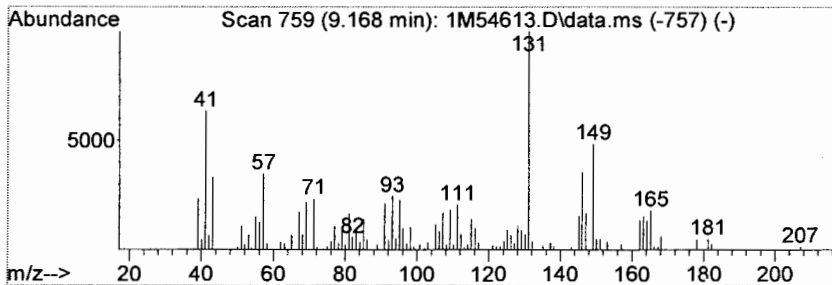
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 7 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	16.09 ug/l	243117	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-D1-2-TETRALOL	148	C10H11DO	000000-00-0	16
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	41
3			1,2-OXABOROLANE, 2-ETHYL-3,4-DIM...	202	C13H19BO	000000-00-0	25
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	25
5			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	46



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G13
 ALS Vial : 30 Sample Multiplier: 1

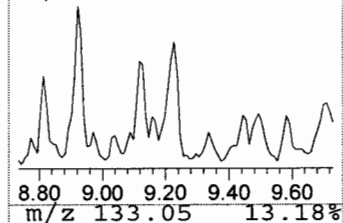
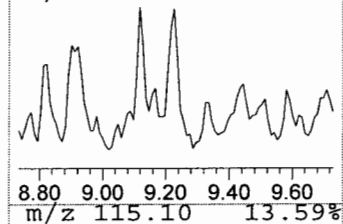
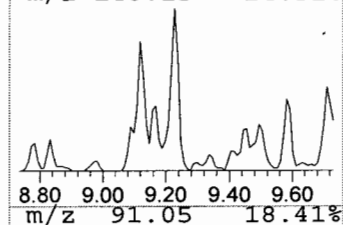
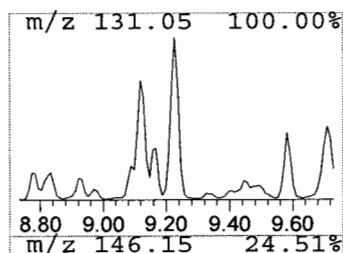
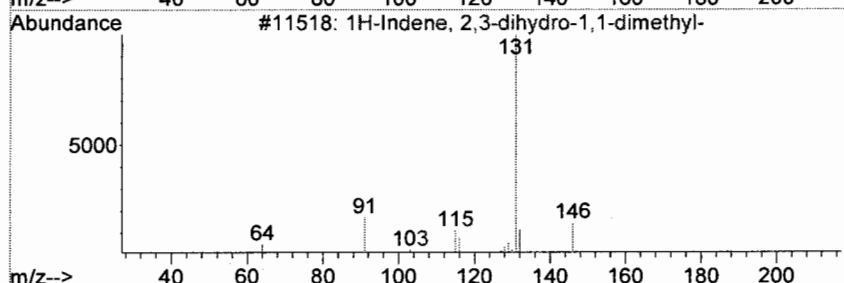
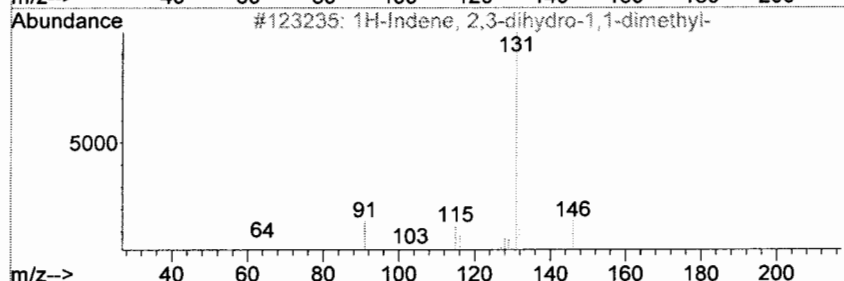
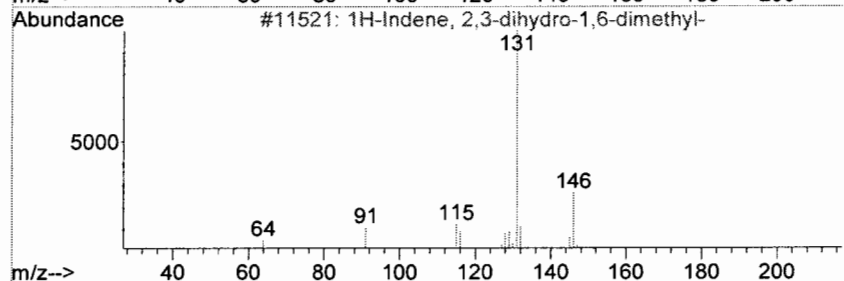
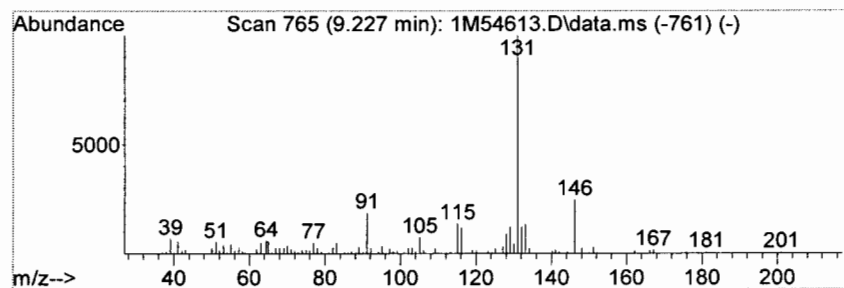
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	39.12 ug/l	591106	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	80
3			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	72
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	80
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 Sample Multiplier: 1

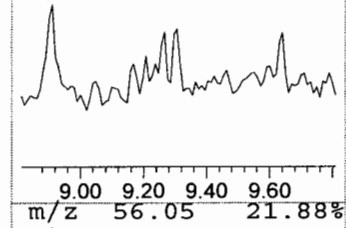
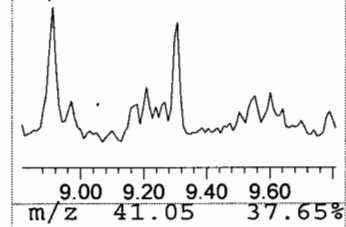
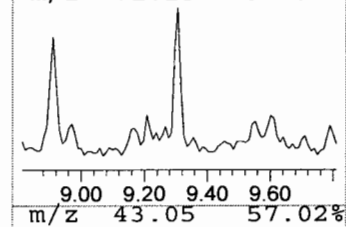
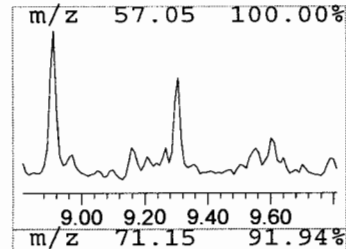
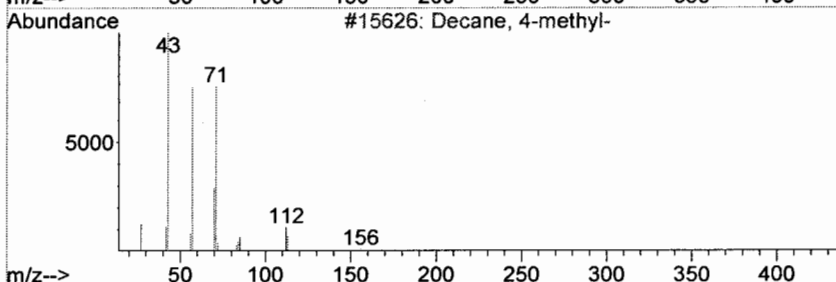
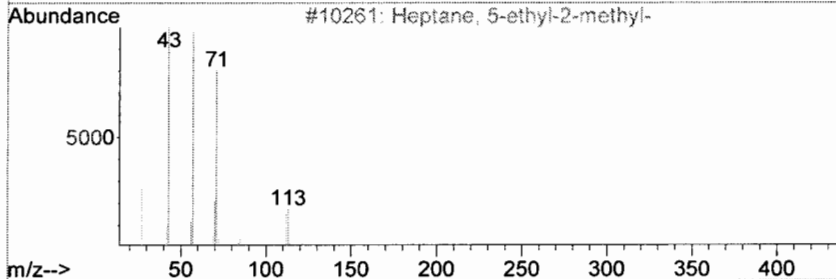
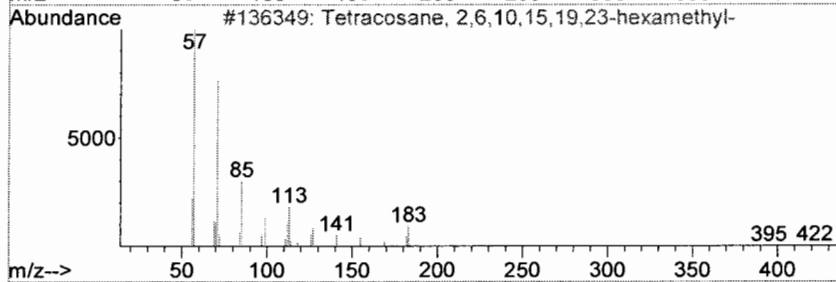
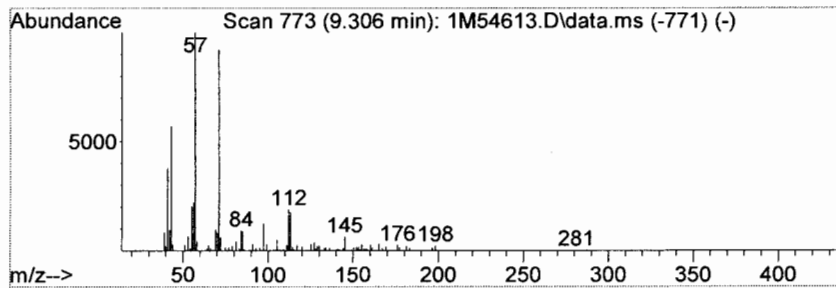
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 9 Decane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	15.30 ug/l	231189	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 2,6,10,15,19,23-hex...	422	C30H62	000111-01-3	40
2			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	42
3			Decane, 4-methyl-	156	C11H24	002847-72-5	50
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	43
5			Decane, 4-methyl-	156	C11H24	002847-72-5	50



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

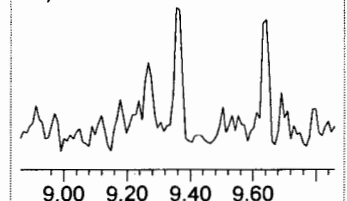
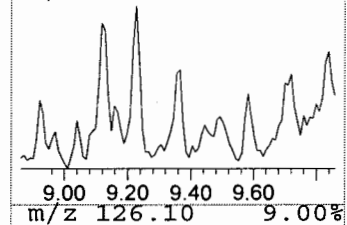
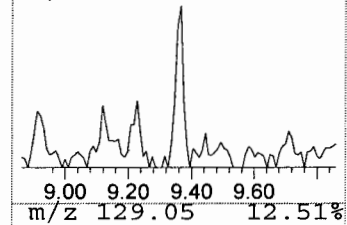
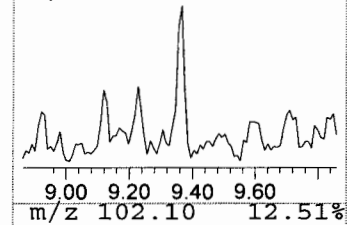
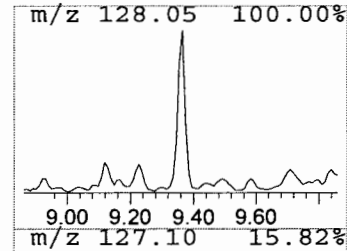
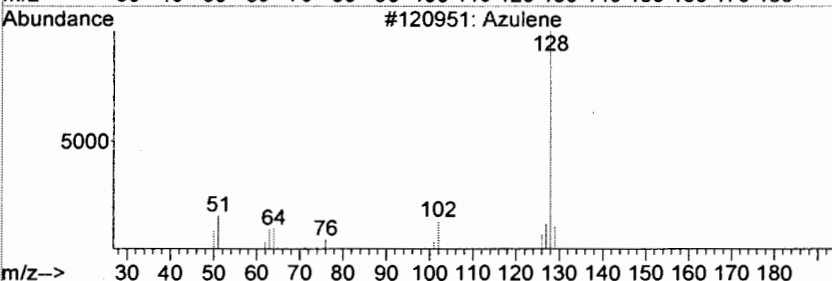
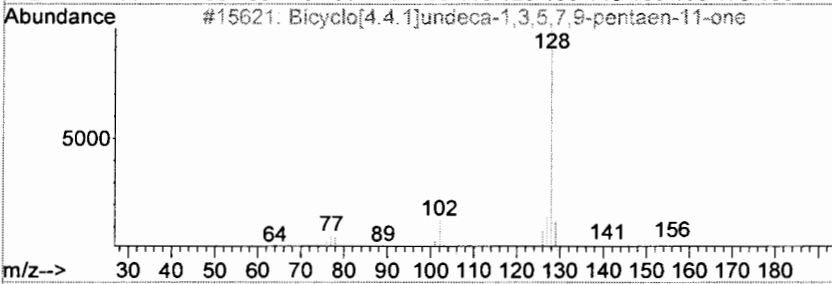
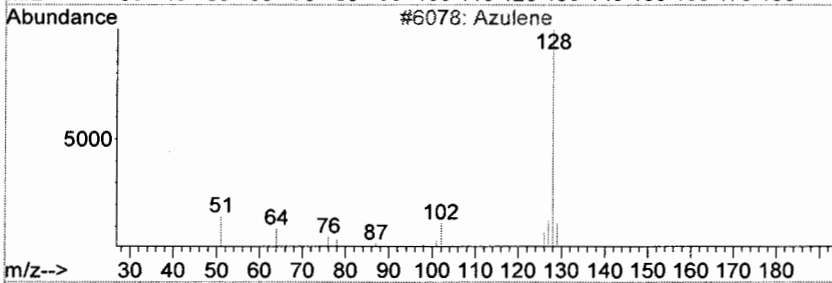
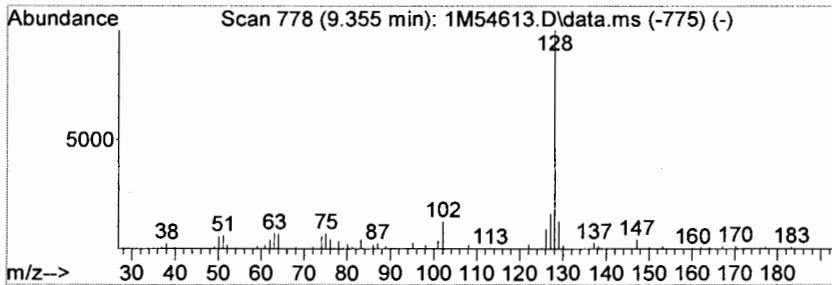
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 10 Naphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	16.45 ug/l	248531	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	72
2			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	156	C11H8O	036628-80-5	50
3			Azulene	128	C10H8	000275-51-4	64
4			Naphthalene	128	C10H8	000091-20-3	74
5			Naphthalene	128	C10H8	000091-20-3	72



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 Sample Multiplier: 1

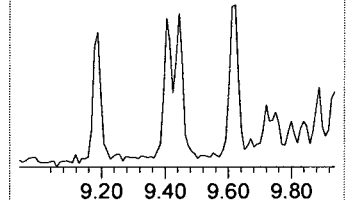
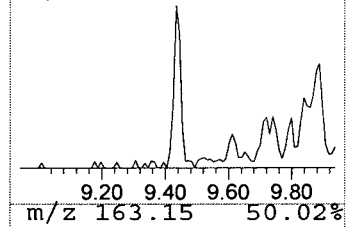
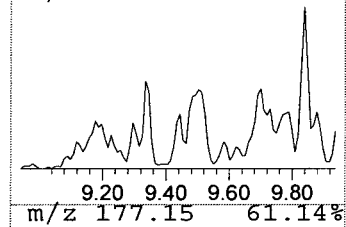
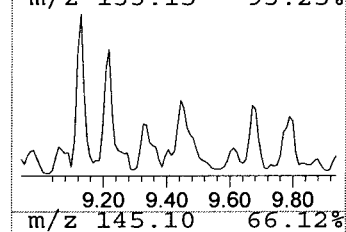
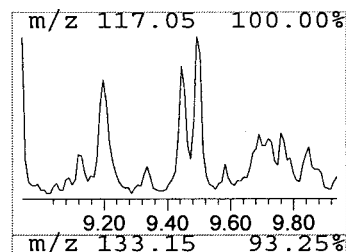
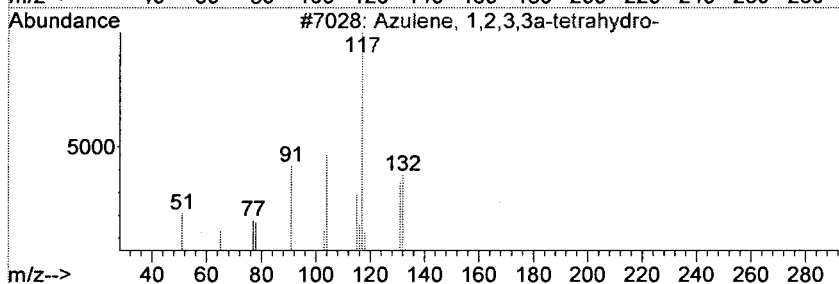
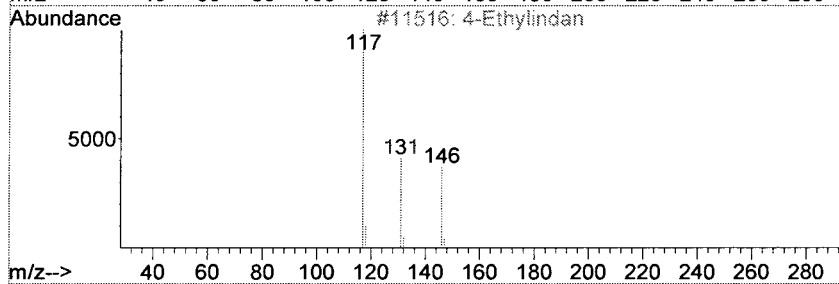
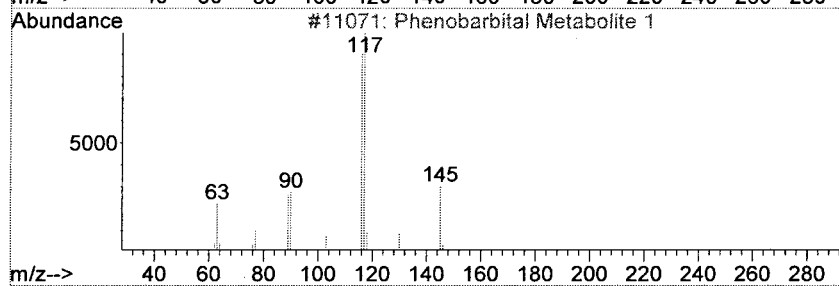
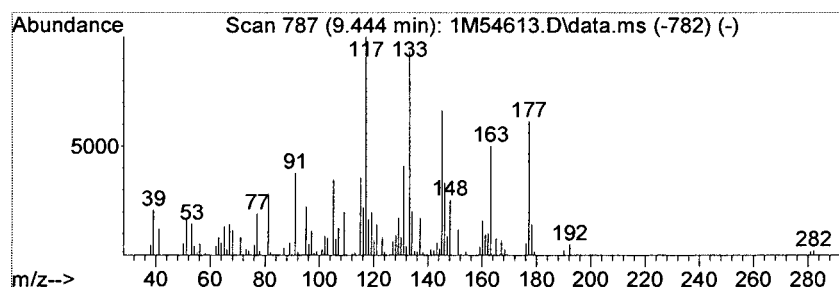
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	27.01 ug/l	408157	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenobarbital Metabolite 1	145	C10H11N	000000-00-0	9
2			4-Ethylindan	146	C11H14	066256-38-0	22
3			Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	10
4			Butyric acid, 4-bromo-4-phenyl-	242	C10H11BrO2	019078-75-2	10
5			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	22



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54613.D
Acq On : 26 Feb 2010 14:02
Operator : SG
Sample : AC50034-006
Misc : S,5G!3
ALS Vial : 30 Sample Multiplier: 1

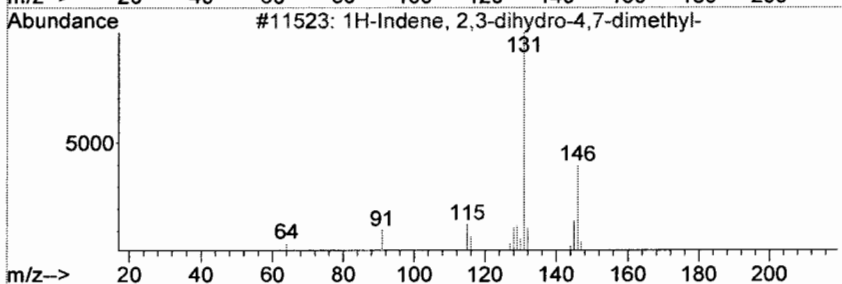
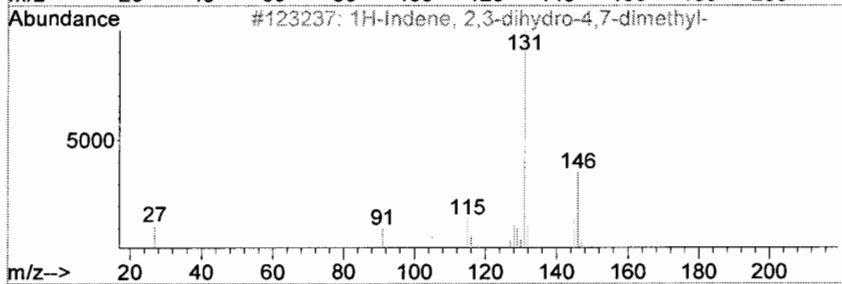
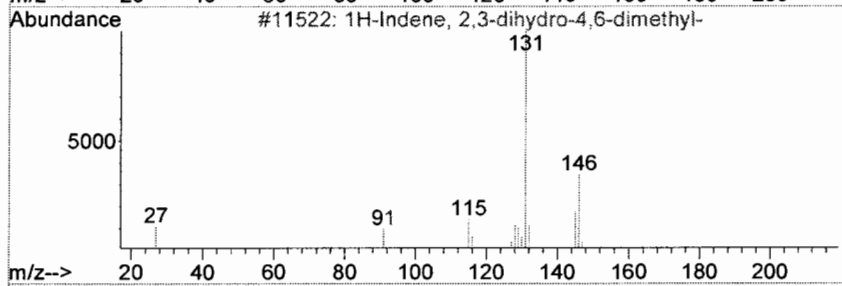
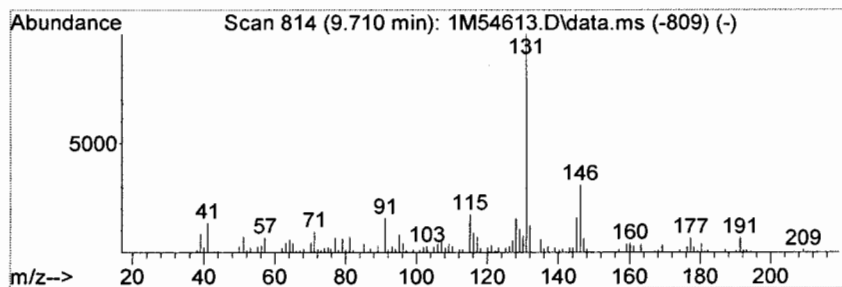
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

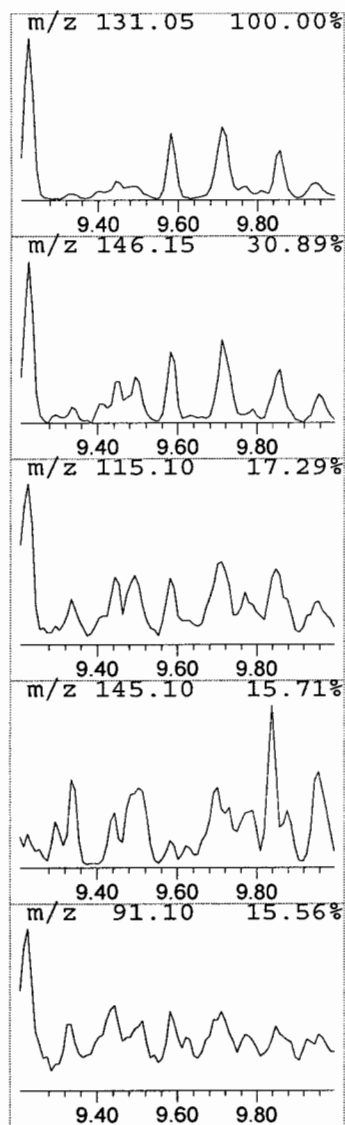
Peak Number 12 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	20.50 ug/l	309769	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	96
5			Indan, 5,6-dimethyl-	146	C11H14	001075-22-5	94



1M_S0223.M Thu Mar 04 11:52:21 2010 RPT1



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 Sample Multiplier: 1

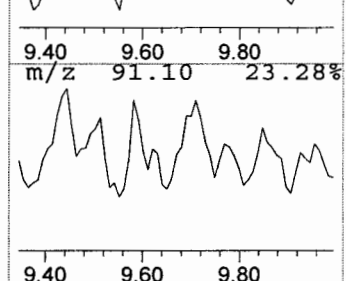
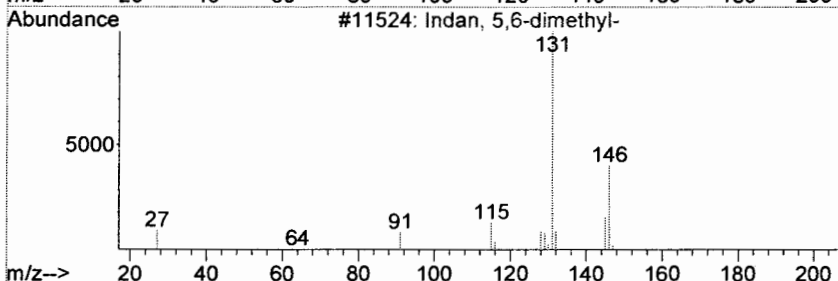
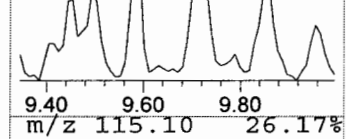
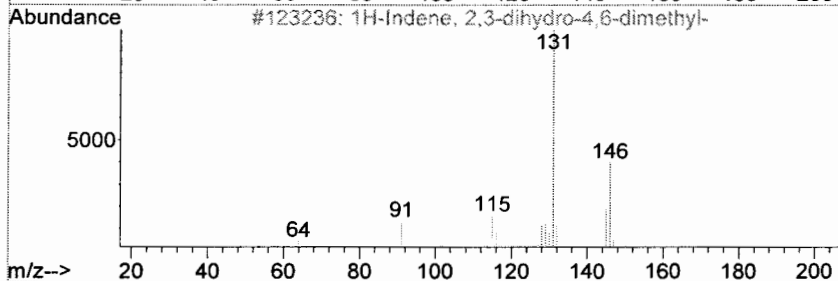
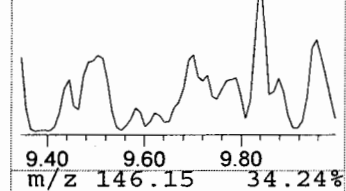
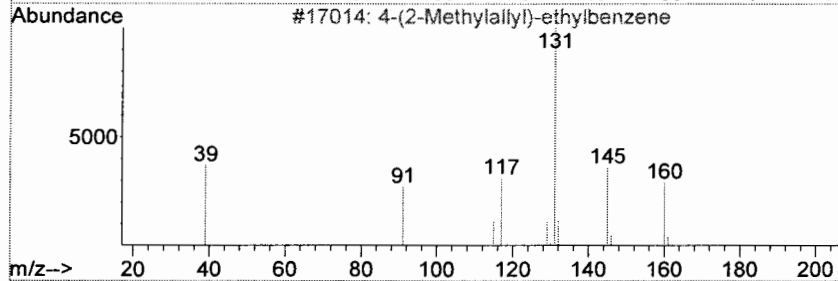
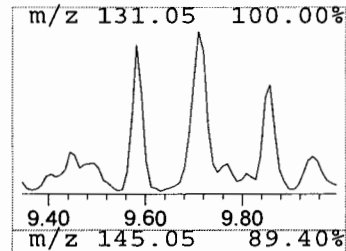
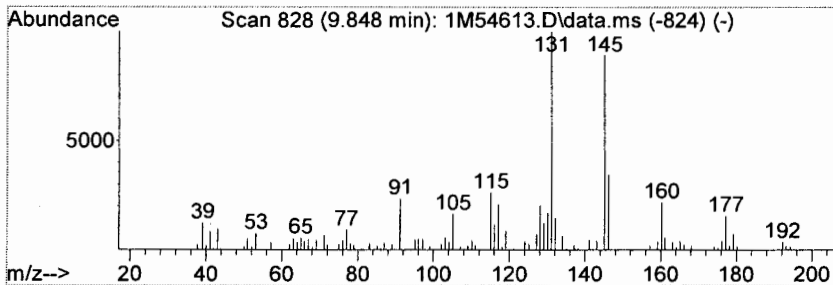
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 13 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	18.08 ug/l	273195	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(2-Methylallyl)-ethylbenzene	160	C12H16	000000-00-0	46
2			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	38
3			Indan, 5,6-dimethyl-	146	C11H14	001075-22-5	43
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43
5			Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	43



Tentatively Identified Compound (LSC) summary

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54613.D
 Acq On : 26 Feb 2010 14:02
 Operator : SG
 Sample : AC50034-006
 Misc : S,5G!3
 ALS Vial : 30 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	6.97	15.9	ug/l	221859	2	6.47	6.47	417409	30.0
Benzene, 2-ethyl-...	8.32	24.3	ug/l	367455	3	7.89	7.89	453320	30.0
Naphthalene, deca...	8.55	18.9	ug/l	285477	3	7.89	7.89	453320	30.0
Undecane, 2,6-dim...	8.91	76.4	ug/l	1153810	3	7.89	7.89	453320	30.0
Naphthalene, deca...	9.05	15.5	ug/l	233994	3	7.89	7.89	453320	30.0
1H-Indene, 2,3-di...	9.12	27.7	ug/l	418490	3	7.89	7.89	453320	30.0
unknown	9.17	16.1	ug/l	243117	3	7.89	7.89	453320	30.0
1H-Indene, 2,3-di...	9.23	39.1	ug/l	591106	3	7.89	7.89	453320	30.0
Decane, 4-methyl-	9.31	15.3	ug/l	231189	3	7.89	7.89	453320	30.0
Naphthalene	9.36	16.4	ug/l	248531	3	7.89	7.89	453320	30.0
unknown	9.44	27.0	ug/l	408157	3	7.89	7.89	453320	30.0
1H-Indene, 2,3-di...	9.71	20.5	ug/l	309769	3	7.89	7.89	453320	30.0
unknown	9.85	18.1	ug/l	273195	3	7.89	7.89	453320	30.0

Form1

ORGANICS VOLATILE REPORT

Sample Number: AC50034-007

Client Id: PI01-TP-RAR2022310S01

Data File: 1M54614.D

Analysis Date: 02/26/10 14:18

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.01g

Final Vol: NA

Dilution: 0.998

Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0065	U	56-23-5	Carbon Tetrachloride	0.0065	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0065	U	108-90-7	Chlorobenzene	0.0065	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0065	U	75-00-3	Chloroethane	0.0065	U
79-00-5	1,1,2-Trichloroethane	0.0065	U	67-66-3	Chloroform	0.0065	U
75-34-3	1,1-Dichloroethane	0.0065	U	74-87-3	Chloromethane	0.0065	U
75-35-4	1,1-Dichloroethene	0.0065	U	156-59-2	cis-1,2-Dichloroethene	0.0065	U
96-18-4	1,2,3-Trichloropropane	0.0065	U	10061-01-5	cis-1,3-Dichloropropene	0.0065	U
95-63-6	1,2,4-Trimethylbenzene	0.0013	0.0015	124-48-1	Dibromochloromethane	0.0065	U
95-50-1	1,2-Dichlorobenzene	0.0065	U	75-71-8	Dichlorodifluoromethane	0.0065	U
107-06-2	1,2-Dichloroethane	0.0065	U	100-41-4	Ethylbenzene	0.0013	U
78-87-5	1,2-Dichloropropane	0.0065	U	98-82-8	Isopropylbenzene	0.0013	0.0057
108-67-8	1,3,5-Trimethylbenzene	0.0013	U	136777612	m&p-Xylenes	0.0013	0.0014
541-73-1	1,3-Dichlorobenzene	0.0065	U	75-09-2	Methylene Chloride	0.0065	U
142-28-9	1,3-Dichloropropane	0.0065	U	1634-04-4	Methyl-t-butyl ether	0.0013	U
106-46-7	1,4-Dichlorobenzene	0.0065	U	104-51-8	n-Butylbenzene	0.0013	0.0019
123-91-1	1,4-Dioxane	0.32	U	103-65-1	n-Propylbenzene	0.0013	0.0047
78-93-3	2-Butanone	0.0065	U	95-47-6	o-Xylene	0.0013	0.0018
110-75-8	2-Chloroethylvinylether	0.0065	U	135-98-8	sec-Butylbenzene	0.0013	0.0029
591-78-6	2-Hexanone	0.0065	U	100-42-5	Styrene	0.0065	U
99-87-6	4-Isopropyltoluene	0.0013	0.0016	75-65-0	t-Butyl Alcohol	0.032	U
108-10-1	4-Methyl-2-Pentanone	0.0065	U	98-06-6	t-Butylbenzene	0.0013	U
67-64-1	Acetone	0.032	0.57	127-18-4	Tetrachloroethene	0.0065	U
107-02-8	Acrolein	0.032	U	108-88-3	Toluene	0.0013	0.0026
107-13-1	Acrylonitrile	0.0065	U	156-60-5	trans-1,2-Dichloroethene	0.0065	U
71-43-2	Benzene	0.0013	U	10061-02-6	trans-1,3-Dichloropropene	0.0065	U
75-27-4	Bromodichloromethane	0.0065	U	79-01-6	Trichloroethene	0.0065	U
75-25-2	Bromoform	0.0065	U	75-69-4	Trichlorofluoromethane	0.0065	U
74-83-9	Bromomethane	0.0065	U	75-01-4	Vinyl Chloride	0.0065	U
75-15-0	Carbon Disulfide	0.0065	0.012	1330-20-7	Xylenes (Total)	0.0013	0.0032

Worksheet #: 144264

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: AC50034-007	Matrix: Soil
Client Id: PI01-TP-RAR2022310S	Initial Vol: 5.01g
Data File: 1M54614.D	Final Vol: NA
Analysis Date: 02/26/10 14:18	Dilution: 0.998
Date Rec/Extracted: 02/25/10-NA	Solids: 77
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-78-6	Acetic acid, ethyl ester	3.90	0.072 J
2	496-11-7	1H-Indene, 2,3-dihydro-	8.07	0.025 J
3	1758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	8.32	0.033 J
4	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.42	0.048 J
5	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.81	0.025 J
6	824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	8.92	0.089 J
7	17057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethyl-	9.12	0.049 J
8	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.23	0.075 J
9	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.71	0.033 J
10	1685-82-1	1H-Indene, 2,3-dihydro-4,6-dimethyl-	9.85	0.033 J

Worksheet #: 144264

Total Tentatively Identified Concentration 0.48*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.*

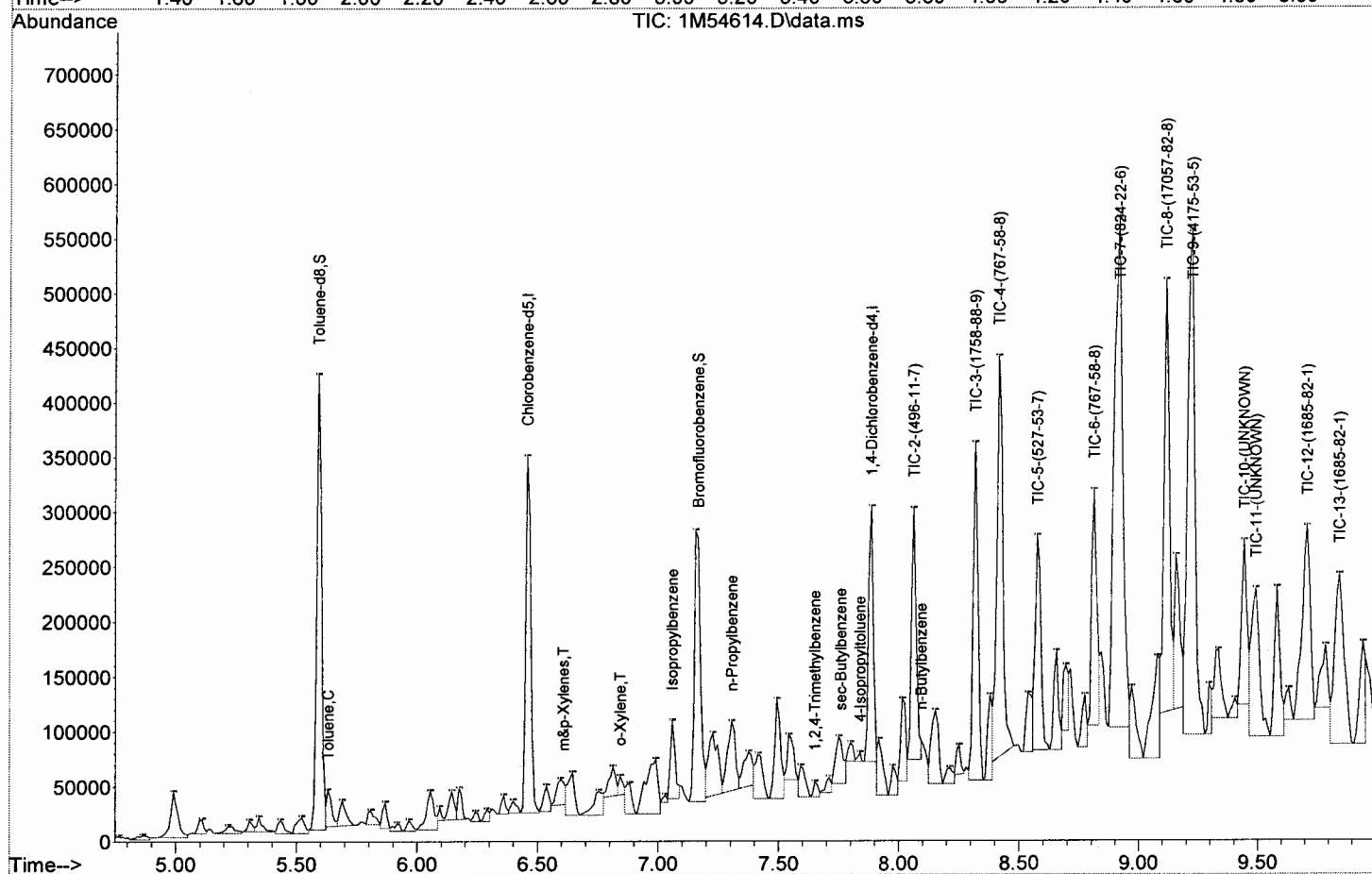
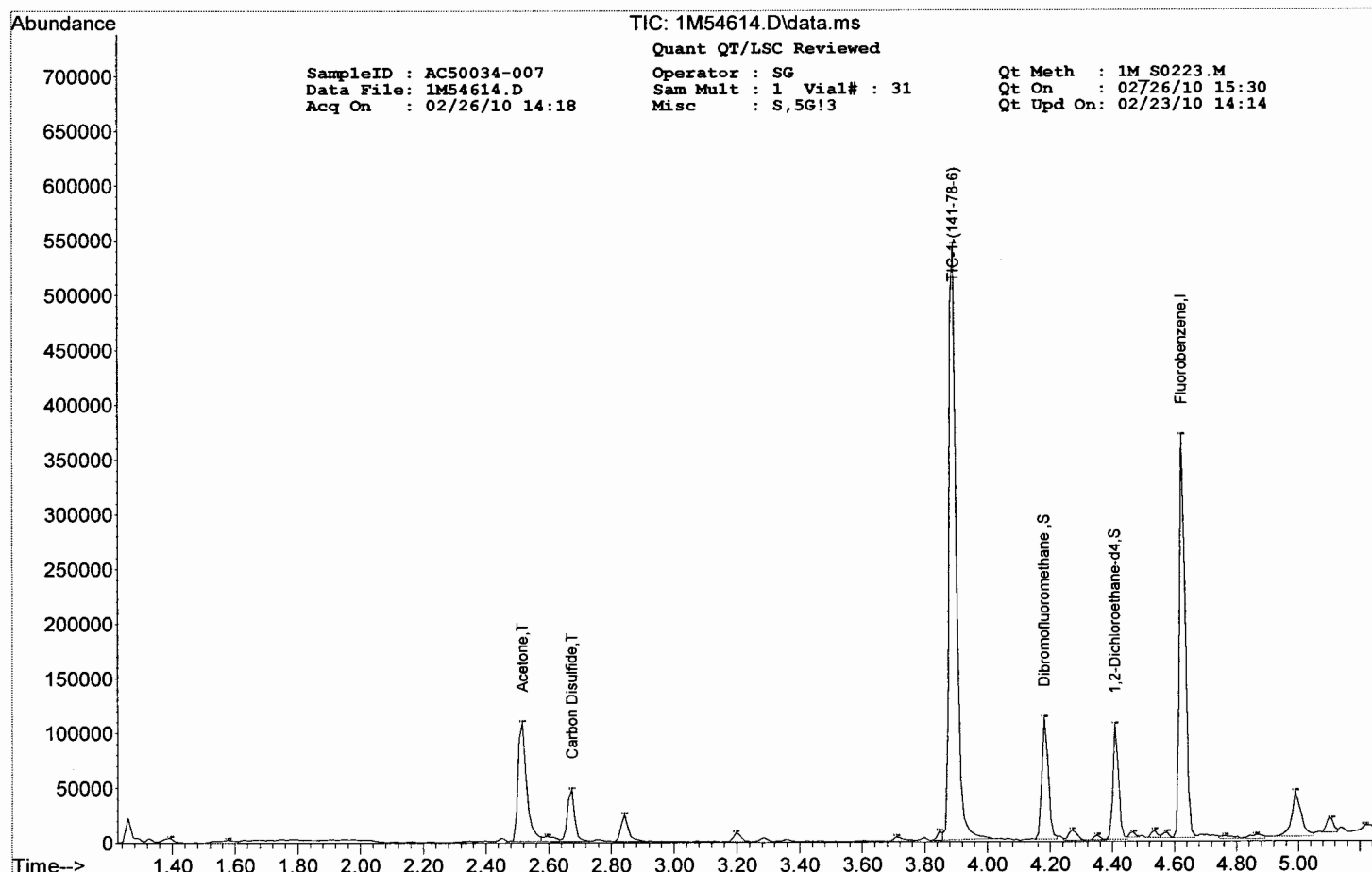
SampleID : AC50034-007 Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54614.D Sam Mult : 1 Vial# : 31 Qt On : 02/26/10 15:30
 Acq On : 02/26/10 14:18 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

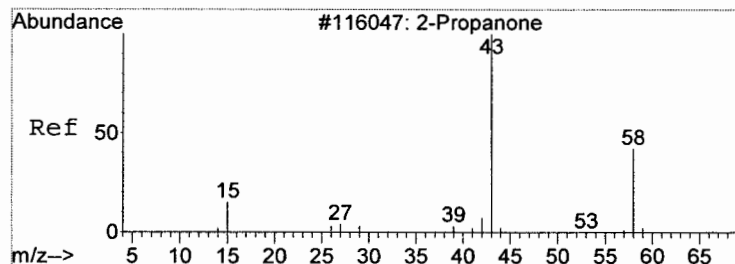
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 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.626	96	175059	30.00	ug/l	0.01
48) Chlorobenzene-d5	6.459	117	128367	30.00	ug/l	0.01
63) 1,4-Dichlorobenzene-d4	7.888	152	61126	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.182	111	47648	30.22	ug/l	0.01
Spiked Amount 30.000			Recovery =	100.73%		
35) 1,2-Dichloroethane-d4	4.409	102	7855	27.49	ug/l	0.01
Spiked Amount 30.000			Recovery =	91.63%		
59) Toluene-d8	5.592	100	115959	30.10	ug/l	0.01
Spiked Amount 30.000			Recovery =	100.33%		
67) Bromofluorobenzene	7.169	174	59540	32.85	ug/l	0.02
Spiked Amount 30.000			Recovery =	109.50%		
Target Compounds						
17) Acetone	2.517	43	139995	437.68	ug/l	95
18) Carbon Disulfide	2.674	76	51714	9.36	ug/l	100
60) Toluene	5.631	92	8932	1.99	ug/l	85
69) m&p-Xylenes	6.607	106	3231	1.05	ug/l	83
70) o-Xylene	6.843	106	3951	1.36	ug/l	82
75) Isopropylbenzene	7.060	105	34453	4.37	ug/l	97
81) n-Propylbenzene	7.307	91	35841	3.63	ug/l	97
85) 1,2,4-Trimethylbenzene	7.652	105	7808	1.15	ug/l	75
86) sec-Butylbenzene	7.760	105	18783	2.21	ug/l	83
87) 4-Isopropyltoluene	7.839	119	8548m	1.20	ug/l	
88) n-Butylbenzene	8.095	91	12563m	1.44	ug/l	
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.626		472879	30.00	ug/l	--
2) Chlorobenzene-d5	6.459		465066	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.888		508166	30.00	ug/l	--
Library Search Compounds						
1) 141-78-6	3.900		875447	55.54	ug/l	80
2) 496-11-7	8.070		325635	19.22	ug/l	49
3) 1758-88-9	8.320		427922	25.26	ug/l	93
4) 767-58-8	8.420		624502	36.87	ug/l	87
5) 527-53-7	8.580		305489	18.03	ug/l	91
6) 767-58-8	8.810		328161	19.37	ug/l	90
7) 824-22-6	8.920		1167535	68.93	ug/l	87
8) 17057-82-8	9.120		643925	38.01	ug/l	86
9) 4175-53-5	9.230		980311	57.87	ug/l	91
10) UNKNOWN	9.450		244511	14.43	ug/l	--
11) UNKNOWN	9.490		311896	18.41	ug/l	--
12) 1685-82-1	9.710		434324	25.64	ug/l	95
13) 1685-82-1	9.850		427398	25.23	ug/l	62

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

ll





#17

Acetone

Concen: 437.68 ug/l

RT: 2.517 min Scan# 85

Delta R.T. 0.012 min

Lab File: 1M54614.D

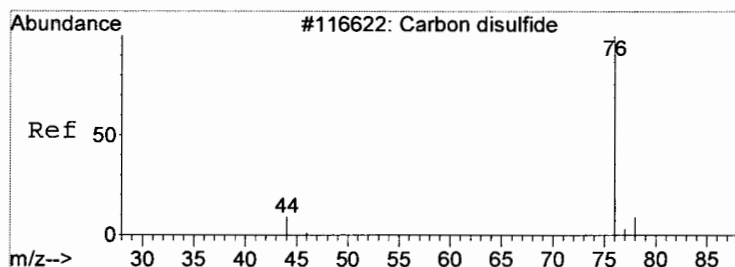
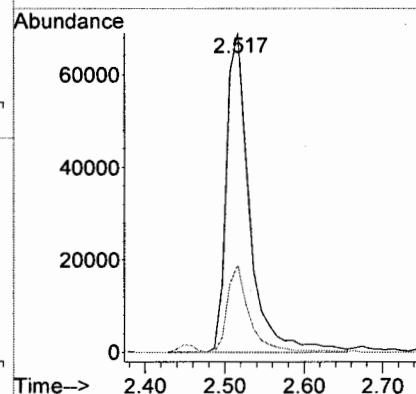
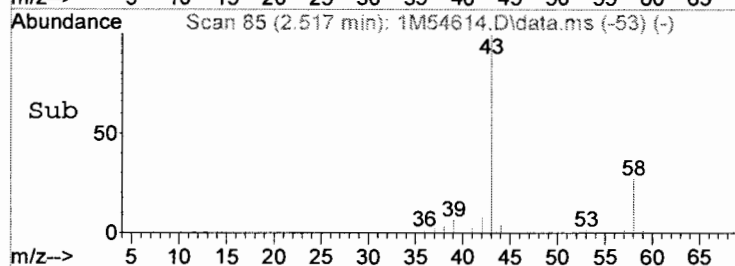
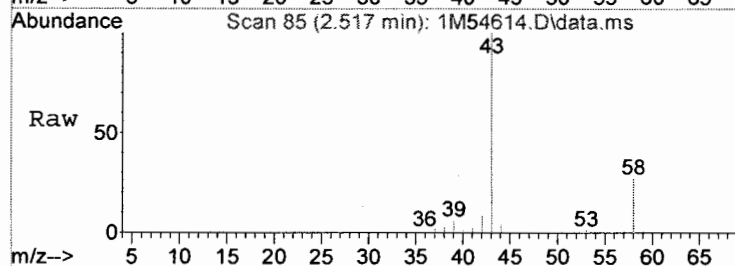
Acq: 26 Feb 2010 14:18

Tgt Ion: 43 Resp: 139995

Ion Ratio Lower Upper

43 100

58 27.1 0.0 64.8



#18

Carbon Disulfide

Concen: 9.36 ug/l

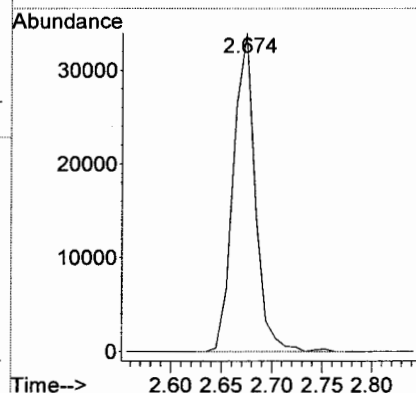
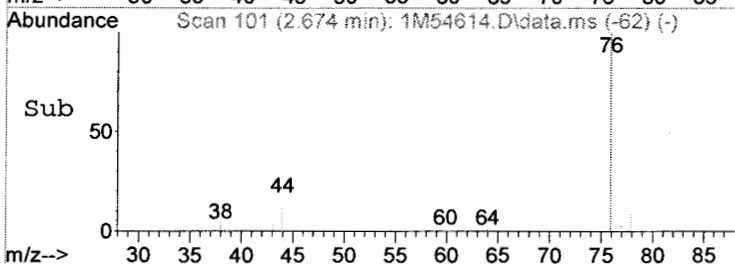
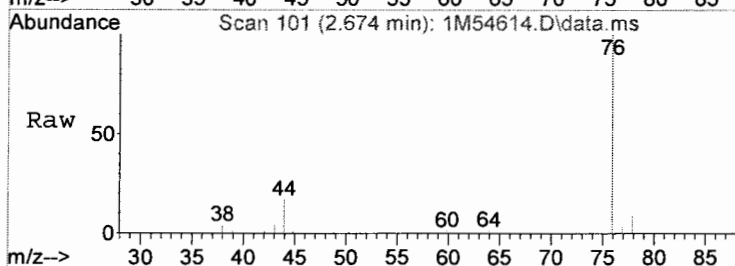
RT: 2.674 min Scan# 101

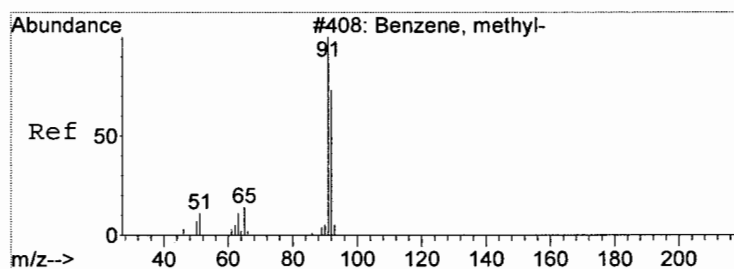
Delta R.T. 0.021 min

Lab File: 1M54614.D

Acq: 26 Feb 2010 14:18

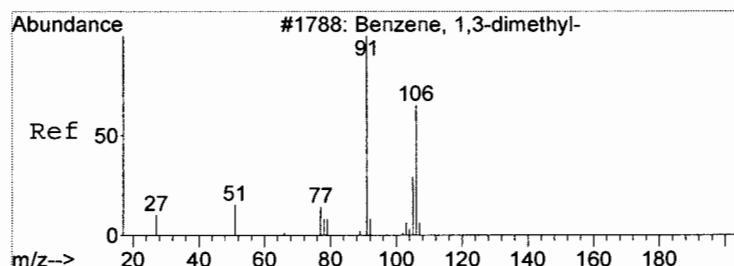
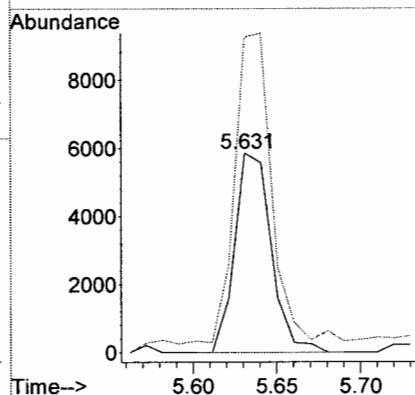
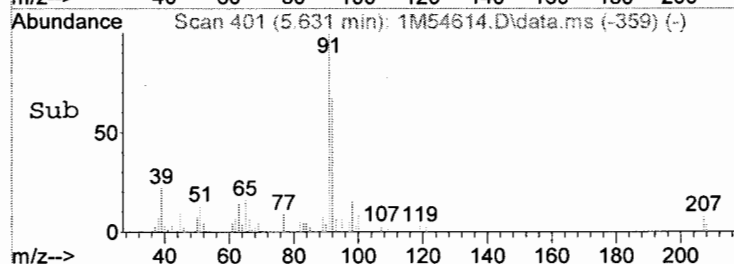
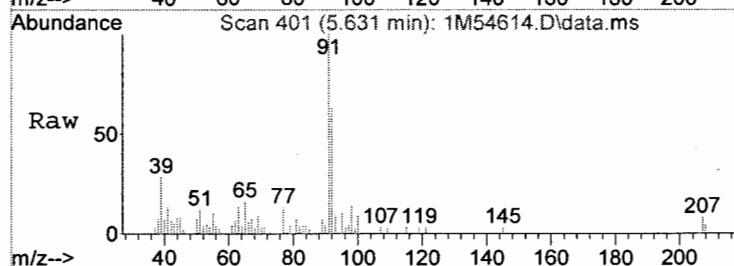
Tgt Ion: 76 Resp: 51714





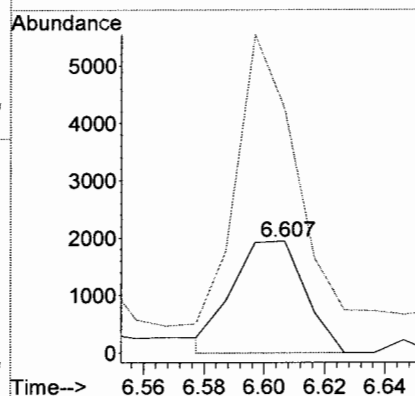
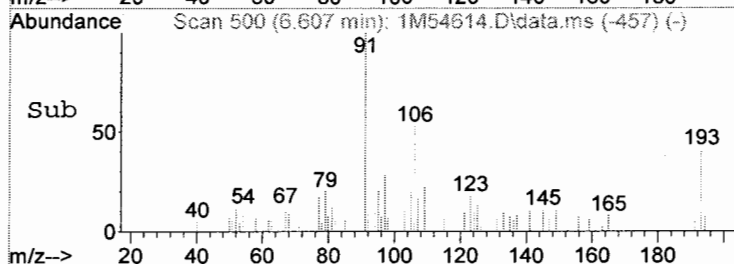
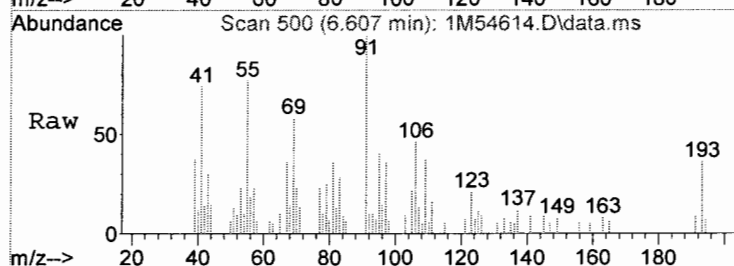
#60
Toluene
Concen: 1.99 ug/l
RT: 5.631 min Scan# 401
Delta R.T. 0.012 min
Lab File: 1M54614.D
Acq: 26 Feb 2010 14:18

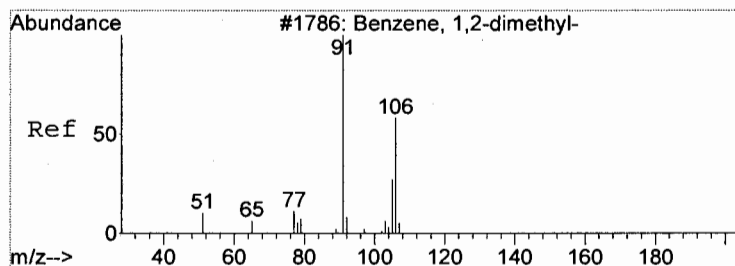
Tgt Ion: 92 Resp: 8932
Ion Ratio Lower Upper
92 100
91 152.5 104.1 242.9



#69
m&p-Xylenes
Concen: 1.05 ug/l
RT: 6.607 min Scan# 500
Delta R.T. 0.022 min
Lab File: 1M54614.D
Acq: 26 Feb 2010 14:18

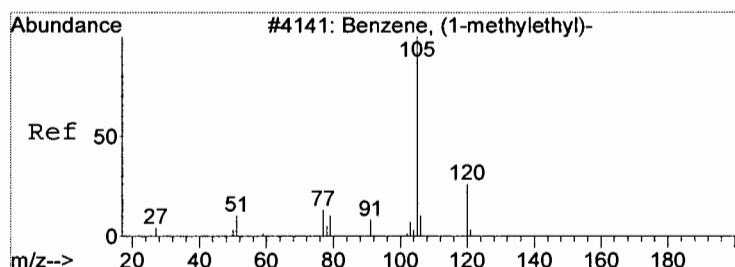
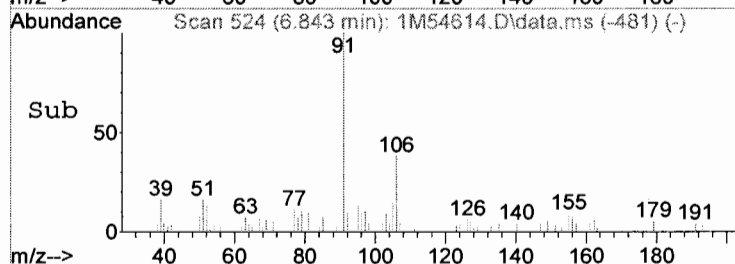
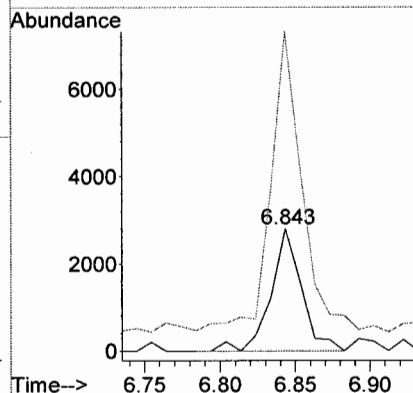
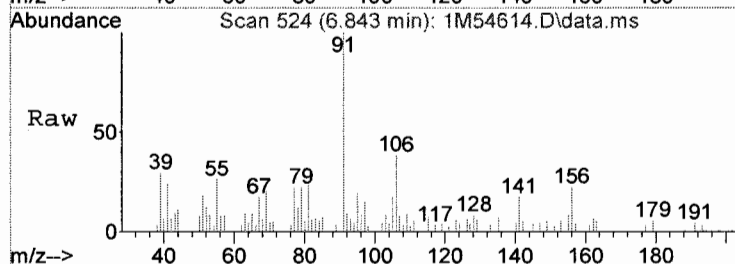
Tgt Ion: 106 Resp: 3231
Ion Ratio Lower Upper
106 100
91 192.8 132.0 308.0





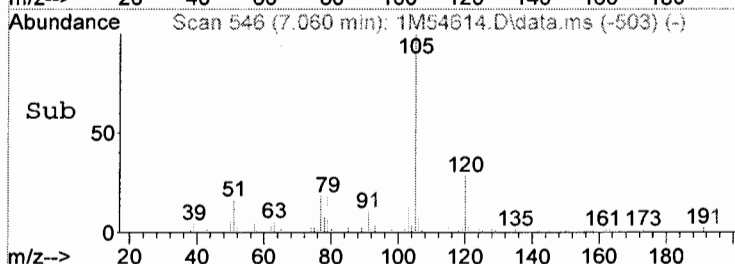
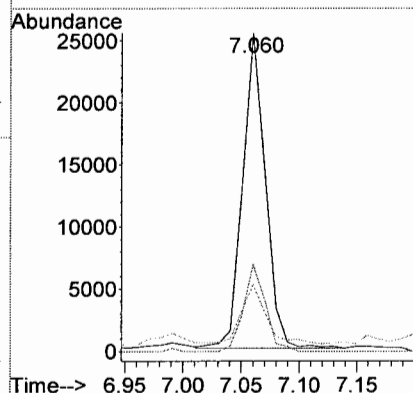
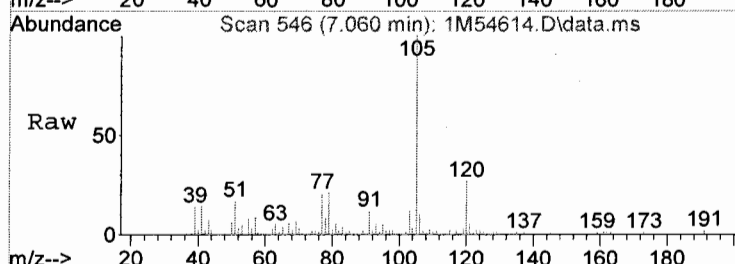
#70
o-Xylene
Concen: 1.36 ug/l
RT: 6.843 min Scan# 524
Delta R.T. 0.021 min
Lab File: 1M54614.D
Acq: 26 Feb 2010 14:18

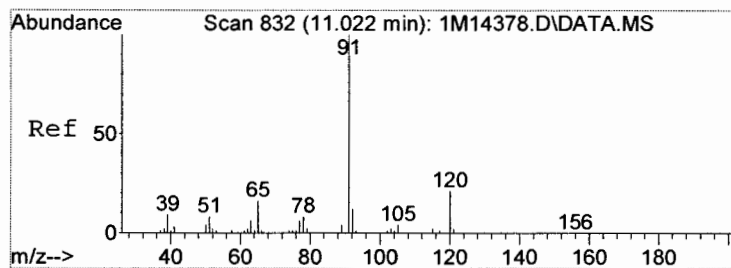
Tgt Ion:106 Resp: 3951
Ion Ratio Lower Upper
106 100
91 244.4 129.1 301.1



#75
Isopropylbenzene
Concen: 4.37 ug/l
RT: 7.060 min Scan# 546
Delta R.T. 0.021 min
Lab File: 1M54614.D
Acq: 26 Feb 2010 14:18

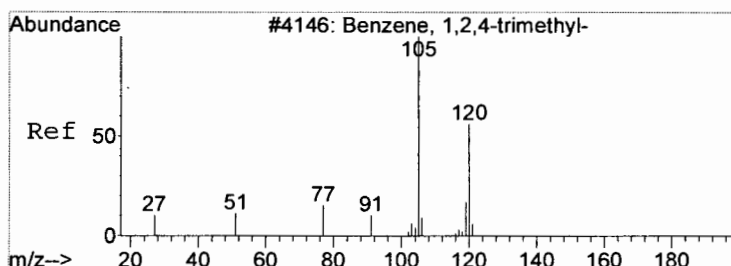
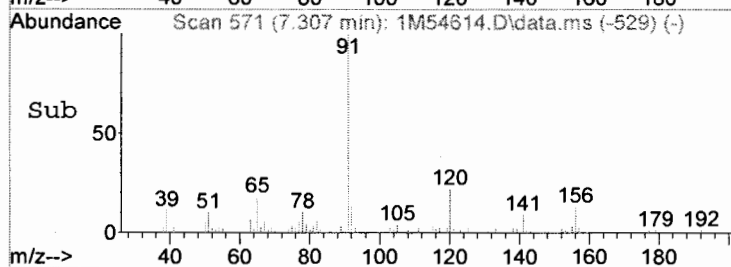
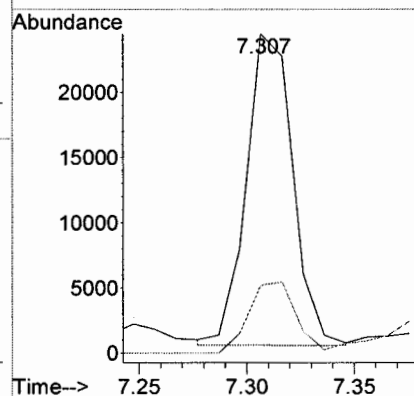
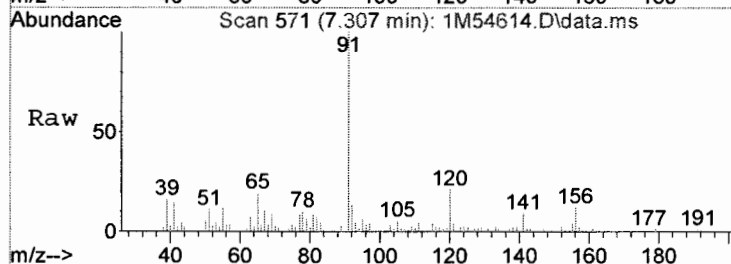
Tgt Ion:105 Resp: 34453
Ion Ratio Lower Upper
105 100
120 26.4 0.0 66.9
77 20.5 0.0 58.3





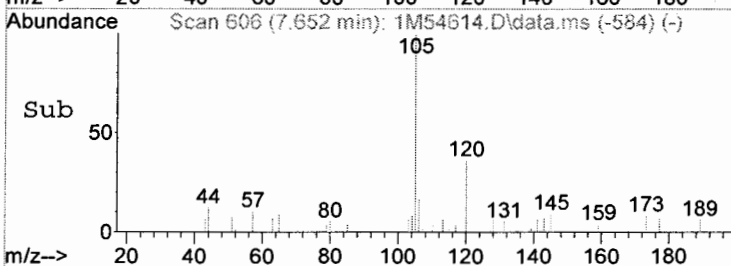
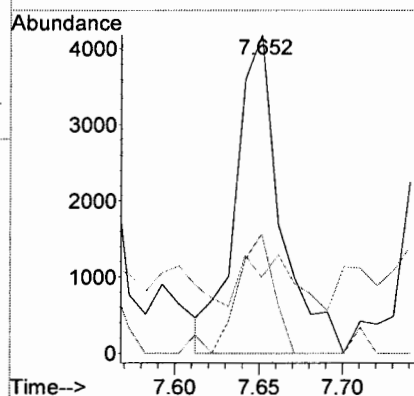
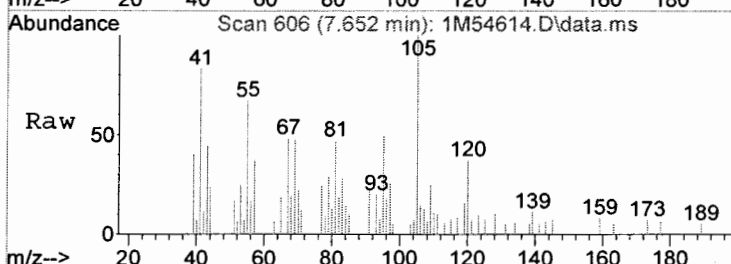
#81
 n-Propylbenzene
 Concen: 3.63 ug/l
 RT: 7.307 min Scan# 571
 Delta R.T. 0.011 min
 Lab File: 1M54614.D
 Acq: 26 Feb 2010 14:18

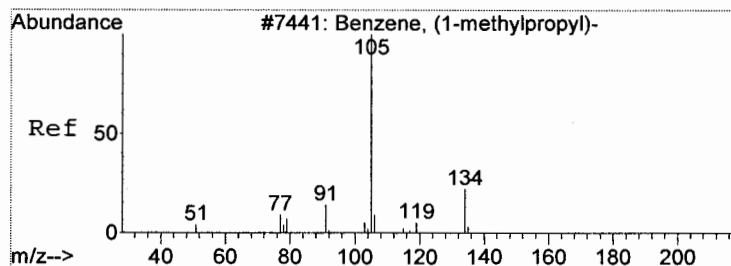
Tgt Ion: 91 Resp: 35841
 Ion Ratio Lower Upper
 91 100
 120 23.2 0.0 61.6



#85
 1,2,4-Trimethylbenzene
 Concen: 1.15 ug/l
 RT: 7.652 min Scan# 606
 Delta R.T. 0.021 min
 Lab File: 1M54614.D
 Acq: 26 Feb 2010 14:18

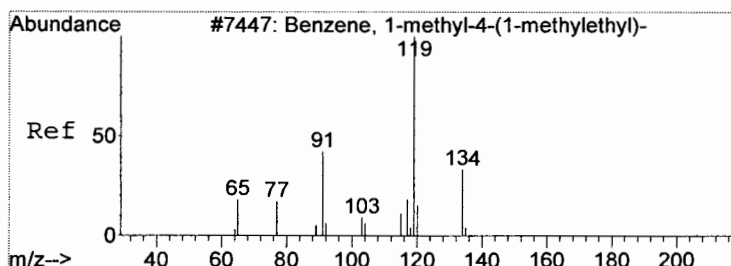
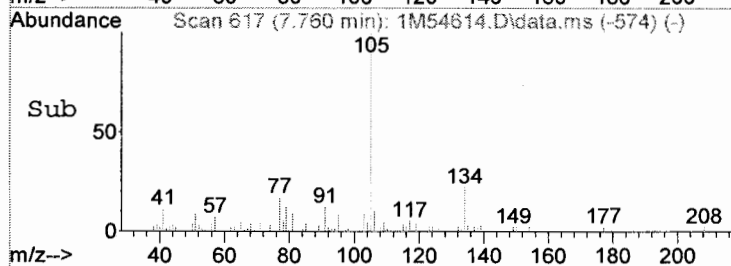
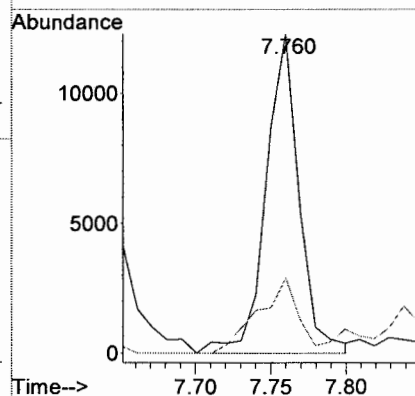
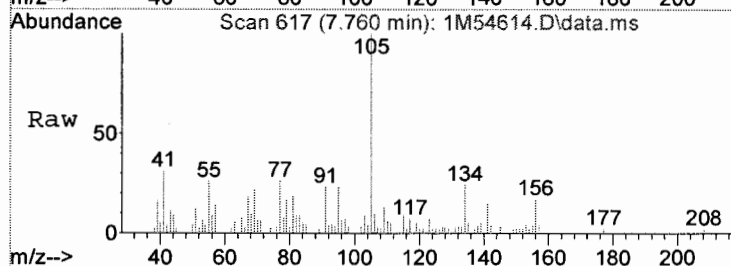
Tgt Ion: 105 Resp: 7808
 Ion Ratio Lower Upper
 105 100
 120 31.0 12.2 92.2
 77 18.6 0.0 66.0





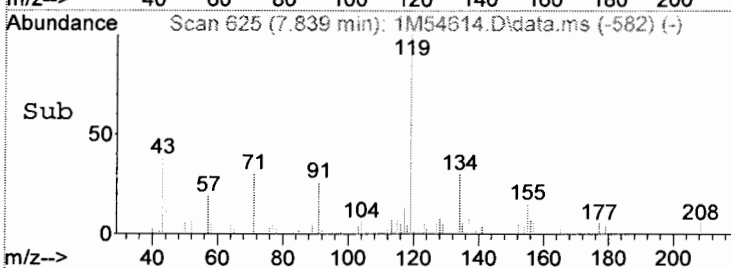
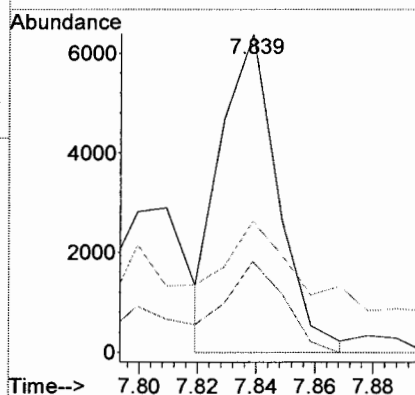
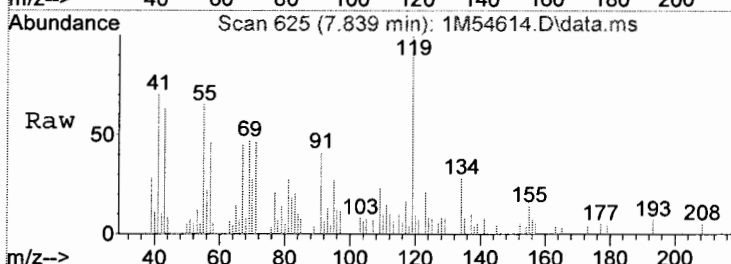
#86
 sec-Butylbenzene
 Concen: 2.21 ug/l
 RT: 7.760 min Scan# 617
 Delta R.T. 0.021 min
 Lab File: 1M54614.D
 Acq: 26 Feb 2010 14:18

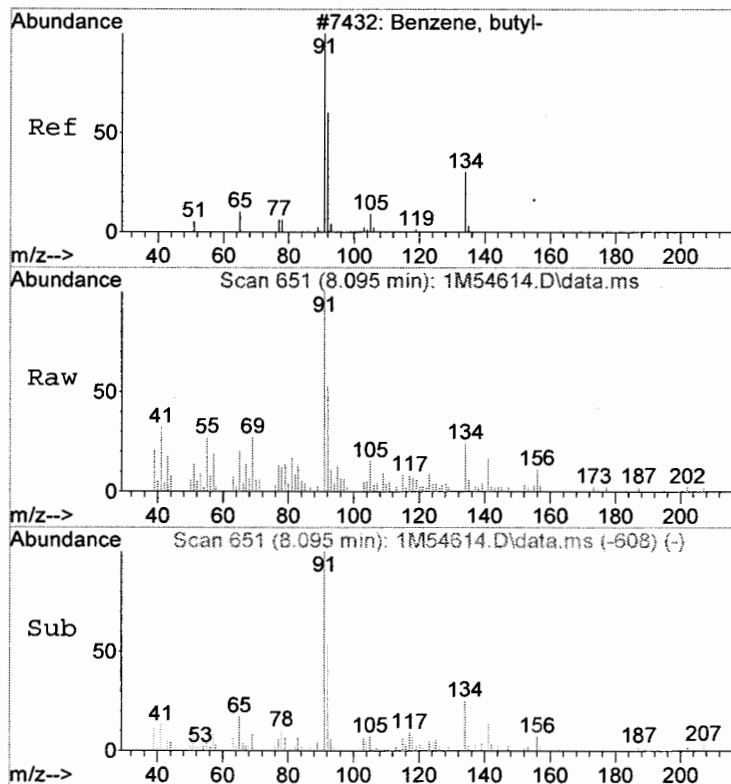
Tgt Ion:105 Resp: 18783
 Ion Ratio Lower Upper
 105 100
 134 30.0 0.0 61.8



#87
 4-Isopropyltoluene
 Concen: 1.20 ug/l m
 RT: 7.839 min Scan# 625
 Delta R.T. 0.022 min
 Lab File: 1M54614.D
 Acq: 26 Feb 2010 14:18

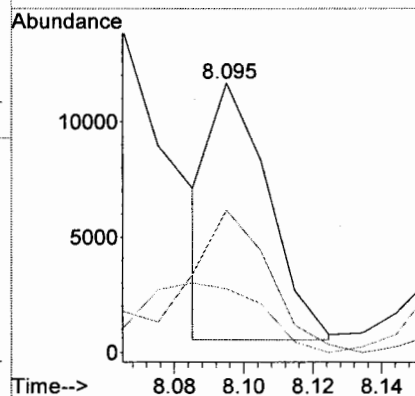
Tgt Ion:119 Resp: 8548
 Ion Ratio Lower Upper
 119 100
 134 28.8 0.0 66.7
 91 31.9 0.0 66.3





#88
n-Butylbenzene
Concen: 1.44 ug/l m
RT: 8.095 min Scan# 651
Delta R.T. 0.021 min
Lab File: 1M54614.D
Acq: 26 Feb 2010 14:18

Tgt Ion: 91 Resp: 12563
Ion Ratio Lower Upper
91 100
92 103.7 8.4 88.4#
134 57.2 3.6 83.6



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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: 1M54614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.393	8	11	14	rVB	4141	10754	0.92%	0.074%
2	1.578	17	22	24	rBV4	2519	11545	0.99%	0.079%
3	2.517	81	85	91	rBV	108086	203383	17.42%	1.397%
4	2.595	91	93	97	rVV4	4559	11571	0.99%	0.079%
5	2.674	97	101	107	rVB	46716	74616	6.39%	0.512%
6	2.842	114	118	125	rVB	24282	39492	3.38%	0.271%
7	3.197	151	154	159	rVB	8101	13625	1.17%	0.094%
8	3.709	204	206	212	rBV2	3998	9438	0.81%	0.065%
9	3.847	217	220	221	rBV	8411	10785	0.92%	0.074%
10	3.896	221	225	238	rVB	543559	875447	74.98%	6.013%
11	4.182	251	254	258	rBV	110793	156062	13.37%	1.072%
12	4.271	260	263	269	rVB3	9146	16928	1.45%	0.116%
13	4.350	269	271	274	rBV	4368	6423	0.55%	0.044%
14	4.409	274	277	281	rBV	104938	136047	11.65%	0.934%
15	4.468	281	283	285	rBV2	4331	6232	0.53%	0.043%
16	4.537	287	290	292	rBV	6774	9231	0.79%	0.063%
17	4.577	292	294	296	rVB3	5246	6833	0.59%	0.047%
18	4.626	296	299	303	rBV	368024	471812	40.41%	3.241%
19	4.764	311	313	318	rVB4	2713	7008	0.60%	0.048%
20	4.862	318	323	326	rBV5	3612	11403	0.98%	0.078%
21	4.990	328	336	342	rBV2	41148	89822	7.69%	0.617%
22	5.109	345	348	350	rBV2	12396	21041	1.80%	0.145%
23	5.217	353	359	365	rBV8	6303	18997	1.63%	0.130%
24	5.306	365	368	370	rVV2	9656	14095	1.21%	0.097%
25	5.345	370	372	379	rVB3	12804	19205	1.64%	0.132%
26	5.434	379	381	386	rVB4	11839	21695	1.86%	0.149%
27	5.523	386	390	393	rBV4	14464	35644	3.05%	0.245%
28	5.592	393	397	400	rBV	414574	579278	49.62%	3.979%
29	5.631	400	401	405	rVV	32300	46534	3.99%	0.320%
30	5.690	405	407	412	rVB3	21817	41100	3.52%	0.282%
31	5.808	417	419	423	rVB3	12070	24204	2.07%	0.166%
32	5.868	423	425	427	rVB	22808	28825	2.47%	0.198%
33	5.917	427	430	433	rVB5	6678	12565	1.08%	0.086%
34	5.966	433	435	438	rBV2	9387	14873	1.27%	0.102%
35	6.055	438	444	447	rBV3	34821	80025	6.85%	0.550%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 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	6.094	447	448	450	rVV2	11390	9657	0.83%	0.066%
37	6.144	450	453	455	rVV3	25508	43467	3.72%	0.299%
38	6.173	455	456	459	rVB	27432	31853	2.73%	0.219%
39	6.242	461	463	465	rVB3	8700	11770	1.01%	0.081%
40	6.291	465	468	469	rBV	10630	17229	1.48%	0.118%
41	6.360	473	475	477	rBV2	16521	21165	1.81%	0.145%
42	6.400	477	479	482	rVB4	10549	16963	1.45%	0.117%
43	6.459	482	485	490	rBV	324119	465066	39.83%	3.194%
44	6.538	490	493	495	rBV2	23034	38614	3.31%	0.265%
45	6.597	495	499	501	rVV4	23502	56966	4.88%	0.391%
46	6.646	501	504	507	rVB4	38537	72994	6.25%	0.501%
47	6.755	507	515	517	rBV7	21824	66733	5.72%	0.458%
48	6.814	517	521	523	rVV4	26530	53612	4.59%	0.368%
49	6.843	523	524	526	rVV	16489	20083	1.72%	0.138%
50	6.883	526	528	531	rVB	27654	42362	3.63%	0.291%
51	6.991	531	539	541	rBV6	49642	177759	15.23%	1.221%
52	7.031	541	543	544	rBV2	6423	8340	0.71%	0.057%
53	7.060	544	546	549	rBV	70558	99694	8.54%	0.685%
54	7.159	553	556	560	rBV	246416	440918	37.76%	3.028%
55	7.228	560	563	567	rVV5	57674	155836	13.35%	1.070%
56	7.307	567	571	574	rVV2	63879	145256	12.44%	0.998%
57	7.376	574	578	580	rVV4	32177	83317	7.14%	0.572%
58	7.415	580	582	587	rVB5	40108	86065	7.37%	0.591%
59	7.494	587	590	593	rBV	89945	161144	13.80%	1.107%
60	7.543	593	595	599	rVB2	40451	72846	6.24%	0.500%
61	7.592	599	600	604	rVB4	28086	45582	3.90%	0.313%
62	7.652	604	606	608	rBV2	13431	18268	1.56%	0.125%
63	7.711	608	612	613	rBV3	13836	21978	1.88%	0.151%
64	7.750	613	616	619	rBV3	42313	98604	8.45%	0.677%
65	7.799	619	621	623	rBV3	16497	24796	2.12%	0.170%
66	7.839	623	625	626	rVB2	8173	7126	0.61%	0.049%
67	7.888	626	630	632	rBV	231777	324107	27.76%	2.226%
68	7.918	632	633	637	rVB3	50678	75579	6.47%	0.519%
69	7.977	637	639	641	rBV2	26126	43068	3.69%	0.296%
70	8.016	641	643	645	rBV	74401	112319	9.62%	0.771%
71	8.065	645	648	651	rBV	228390	325635	27.89%	2.237%
72	8.154	654	657	660	rVB3	66282	137274	11.76%	0.943%
73	8.213	660	663	665	rBV3	14424	32355	2.77%	0.222%
74	8.253	665	667	669	rVV2	25578	34239	2.93%	0.235%
75	8.322	671	674	677	rVB	307129	427922	36.65%	2.939%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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

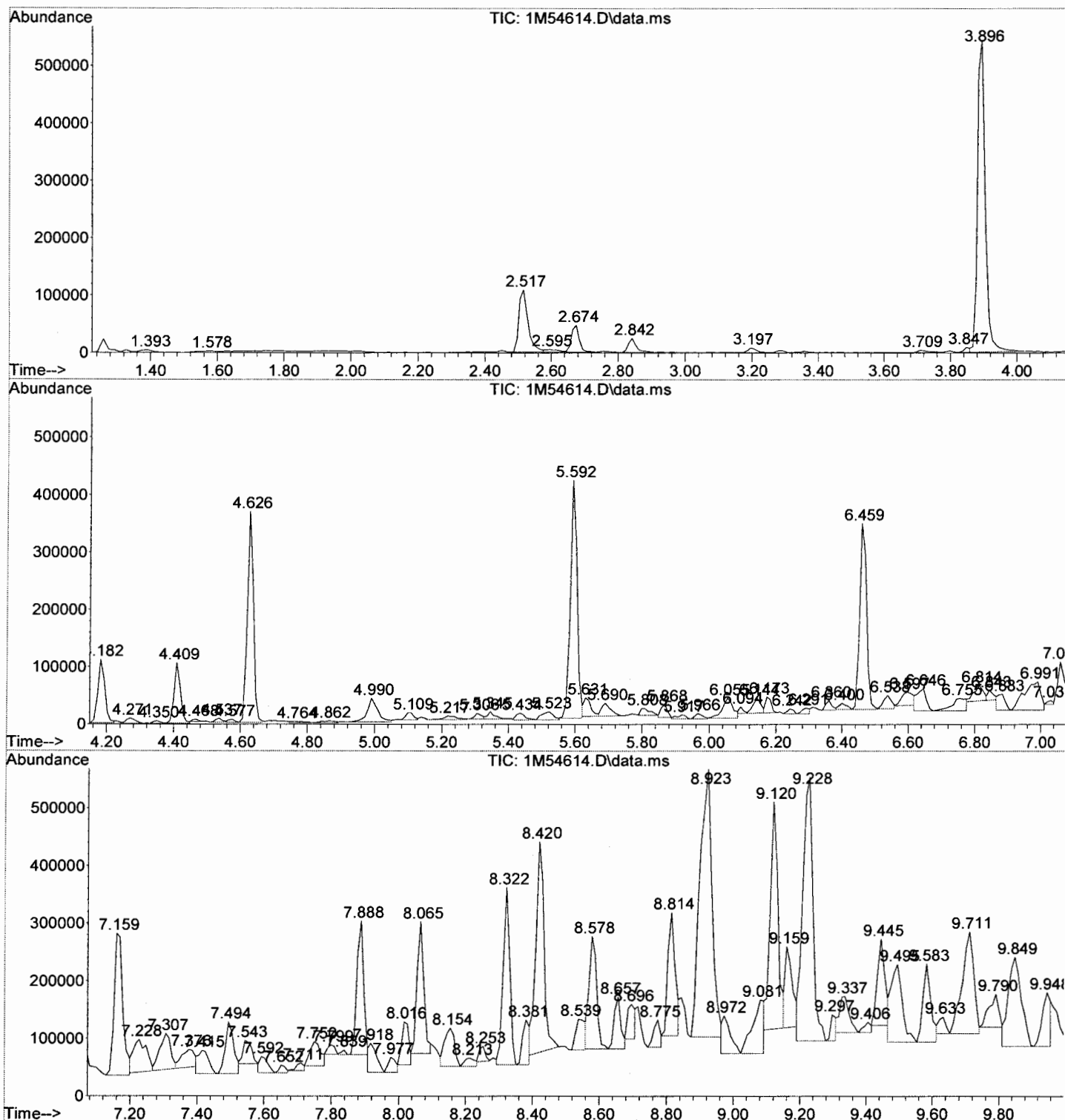
76	8.381	677	680	681 rBV	77372	116083	9.94%	0.797%
77	8.420	681	684	690 rVB	359994	624502	53.49%	4.289%
78	8.539	694	696	698 rBV2	53518	108433	9.29%	0.745%
79	8.578	698	700	705 rVB	194683	305489	26.17%	2.098%
80	8.657	705	708	710 rBV2	89853	127475	10.92%	0.876%
81	8.696	710	712	713 rBV2	59659	97109	8.32%	0.667%
82	8.775	717	720	721 rBV2	47408	66627	5.71%	0.458%
83	8.814	721	724	726 rBV	214088	328161	28.11%	2.254%
84	8.923	730	735	739 rBV2	465385	1167535	100.00%	8.019%
85	8.972	739	740	745 rVB3	65313	104517	8.95%	0.718%
86	9.081	745	751	752 rBV4	92850	230365	19.73%	1.582%
87	9.120	752	755	758 rVV	394882	643925	55.15%	4.423%
88	9.159	758	759	762 rVV2	139993	211847	18.14%	1.455%
89	9.228	762	766	771 rVB2	458337	980311	83.96%	6.733%
90	9.297	771	773	774 rBV	45645	53383	4.57%	0.367%
91	9.337	774	777	781 rVB3	62470	126447	10.83%	0.868%
92	9.406	781	784	785 rBV2	17835	28499	2.44%	0.196%
93	9.445	785	788	790 rBV2	149380	244511	20.94%	1.679%
94	9.495	790	793	799 rVB3	134625	311896	26.71%	2.142%
95	9.583	799	802	805 rBV	135549	232429	19.91%	1.596%
96	9.633	805	807	809 rVB3	28819	39119	3.35%	0.269%
97	9.711	809	815	818 rBV3	176592	434324	37.20%	2.983%
98	9.790	818	823	825 rBV3	57054	115707	9.91%	0.795%
99	9.849	825	829	835 rVB2	154680	427398	36.61%	2.936%
100	9.948	835	839	840 rBV2	93068	168319	14.42%	1.156%

Sum of corrected areas: 14559510

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

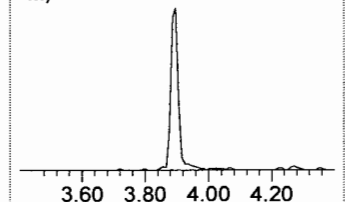
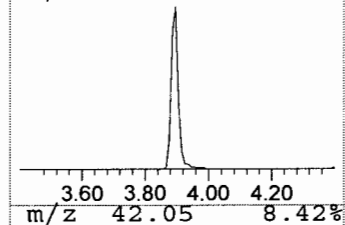
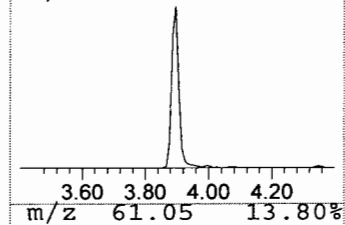
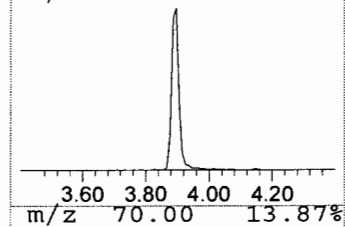
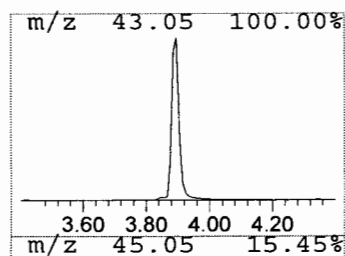
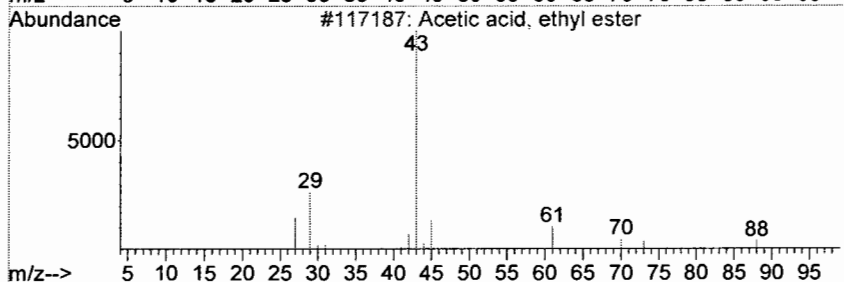
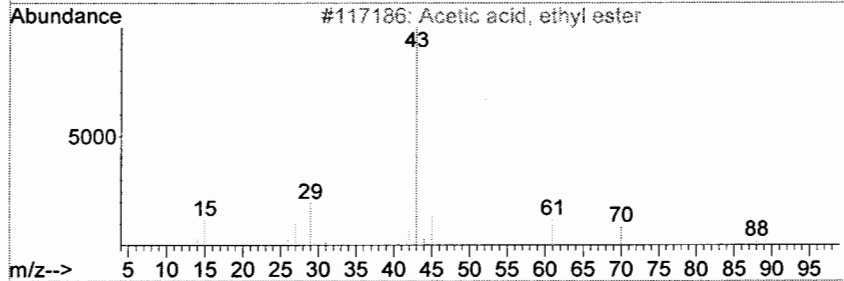
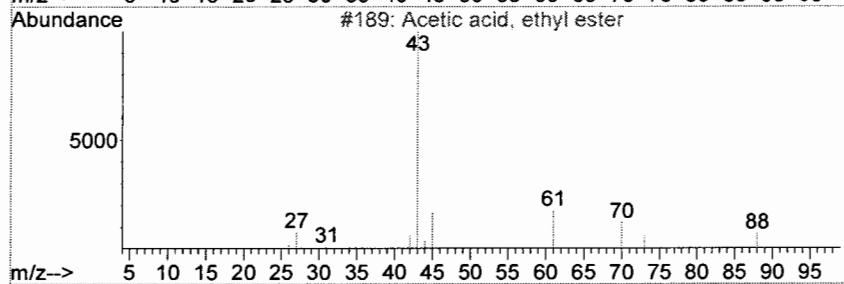
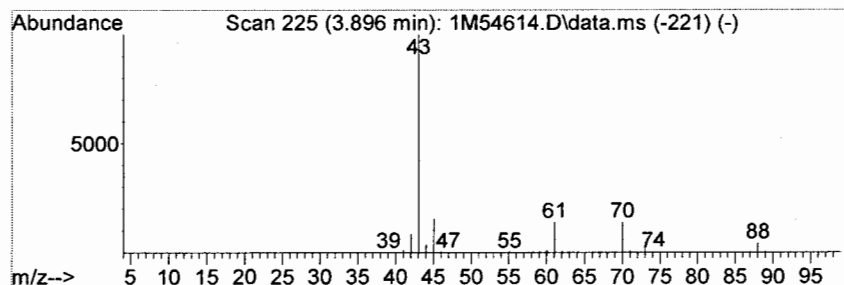
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 1 Acetic acid, ethyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	55.54 ug/l	875447	LibIS-Fluorobenzene	4.63

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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

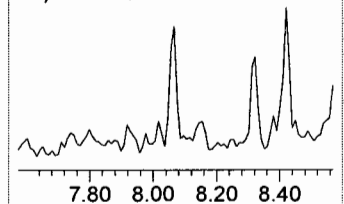
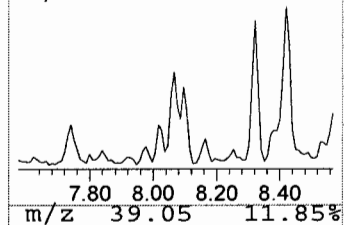
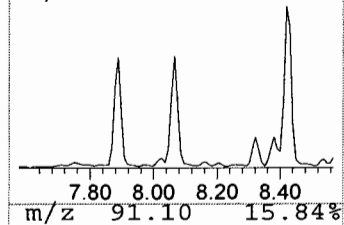
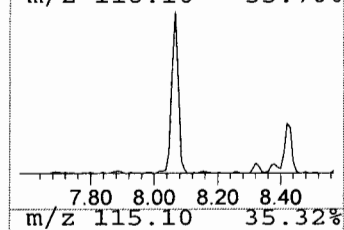
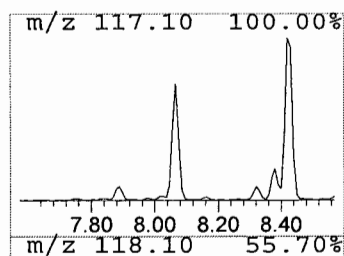
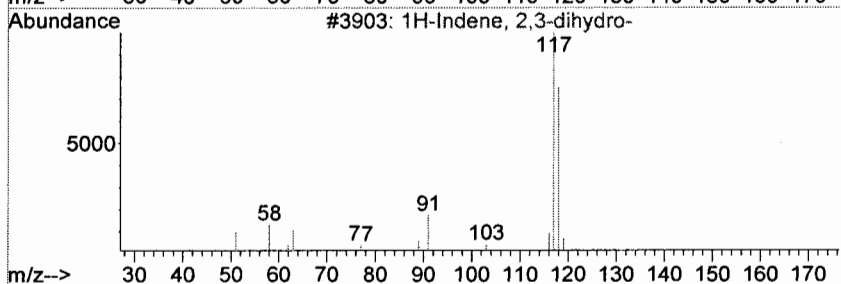
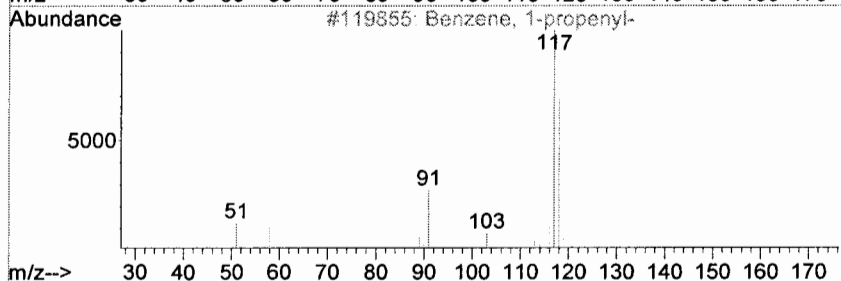
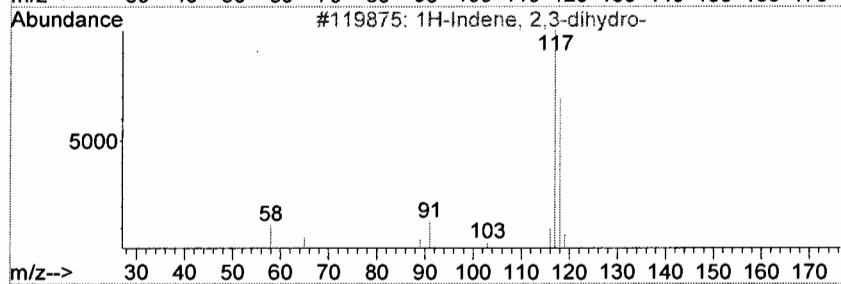
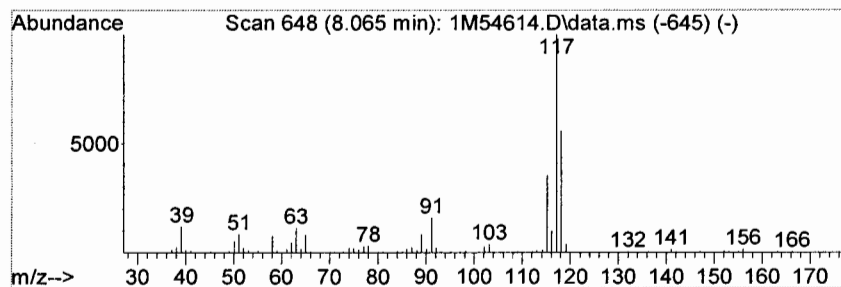
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	19.22 ug/l	325635	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	49
2			Benzene, 1-propenyl-	118	C9H10	000637-50-3	32
3			1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	60
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	43
5			1H-Indene, 2,3-dihydro-	118	C9H10	000496-11-7	49



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 Sample Multiplier: 1

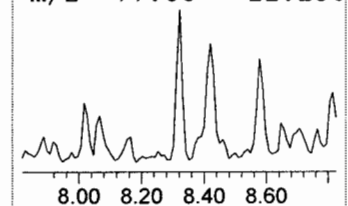
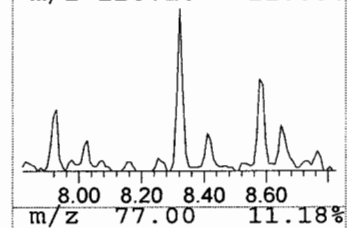
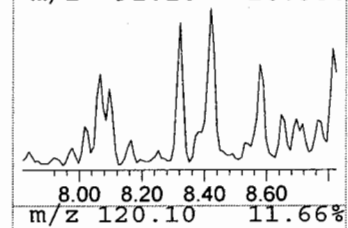
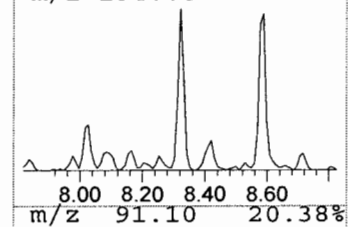
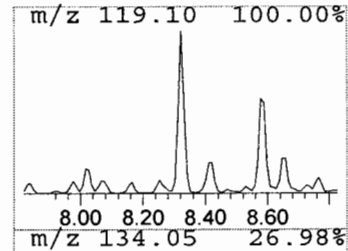
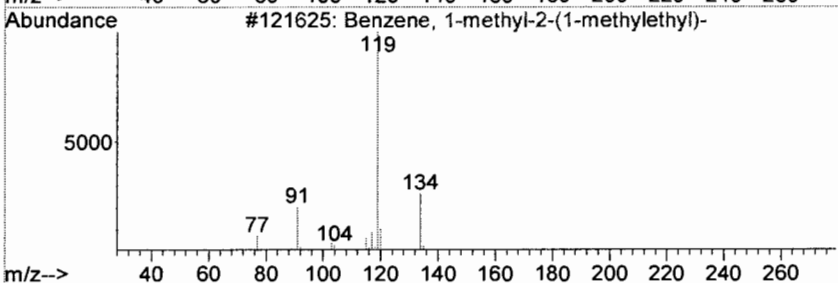
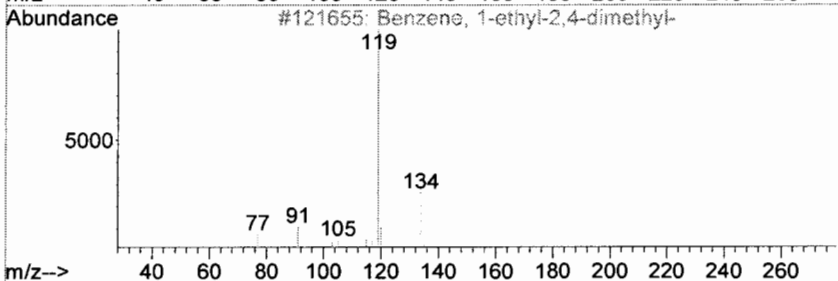
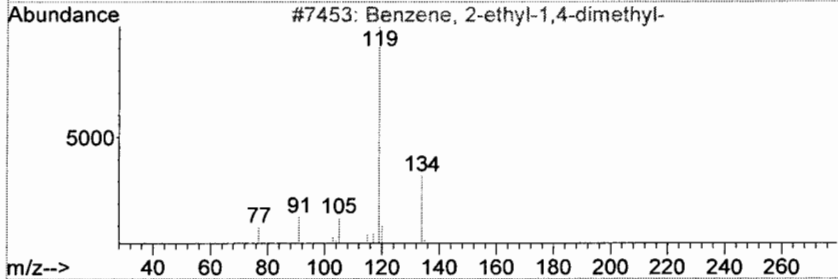
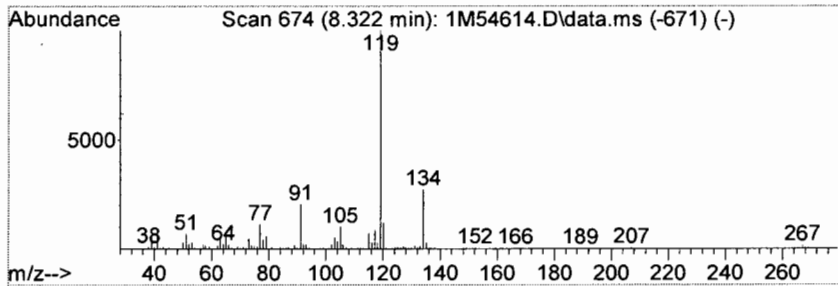
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	25.26 ug/l	427922	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
3			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

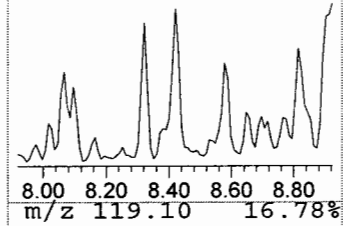
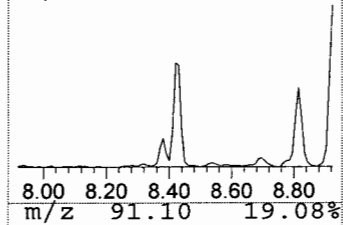
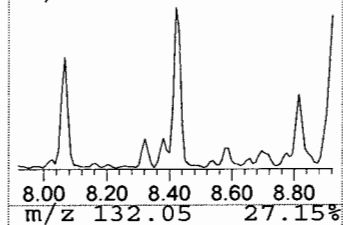
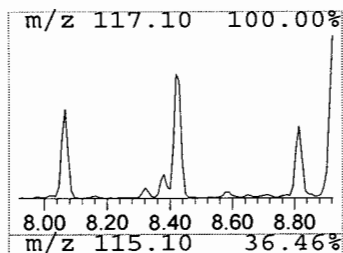
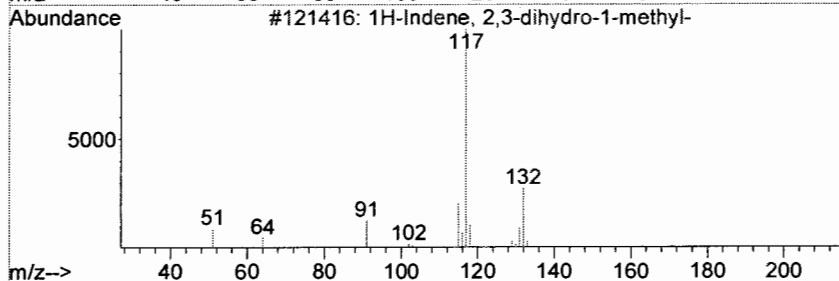
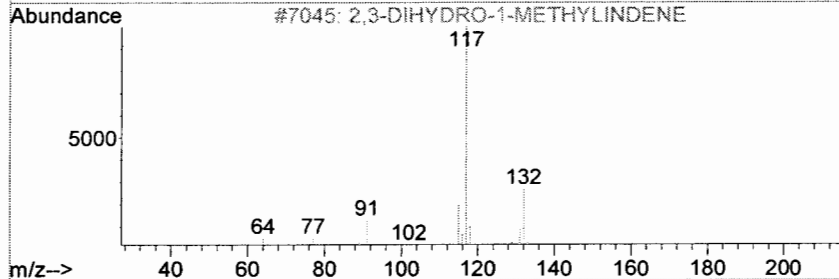
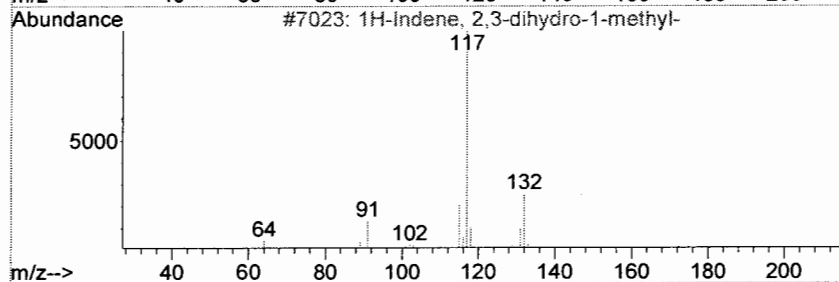
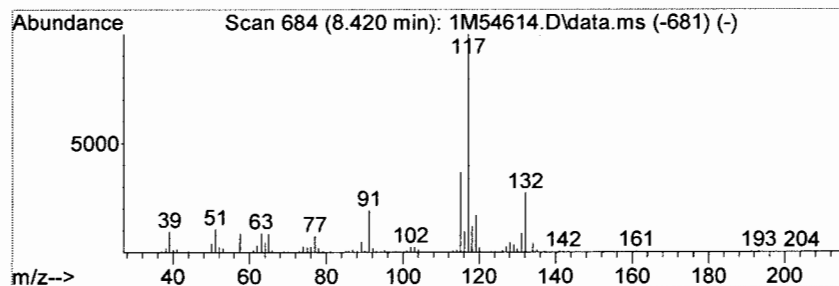
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Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	36.87 ug/l	624502	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	87
2			2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	81
3			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	81
4			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	74
5			(Z)-2-(1'-PROPENYL)TOLUENE	132	C10H12	002077-33-0	35



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

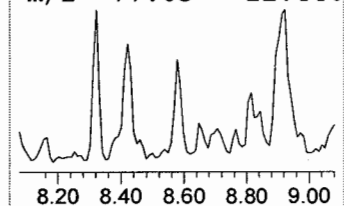
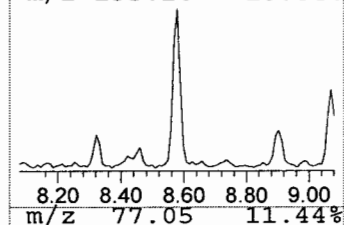
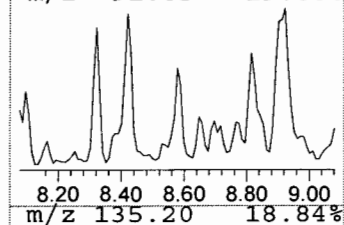
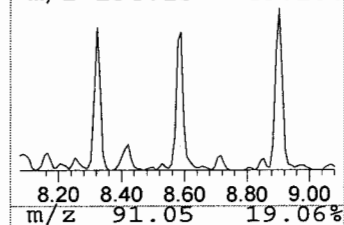
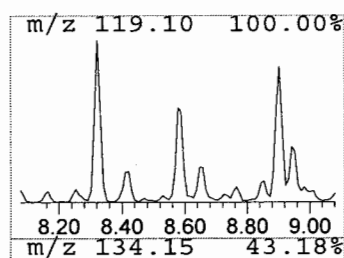
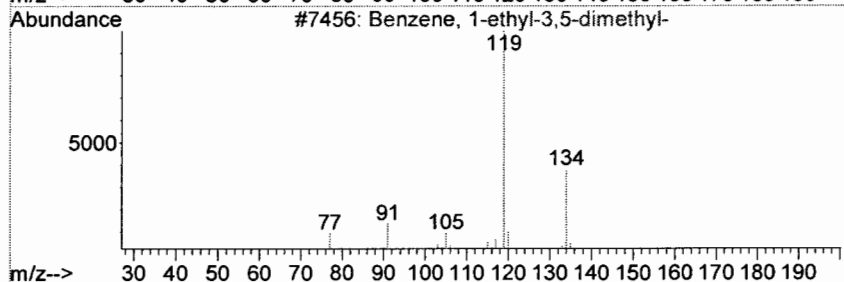
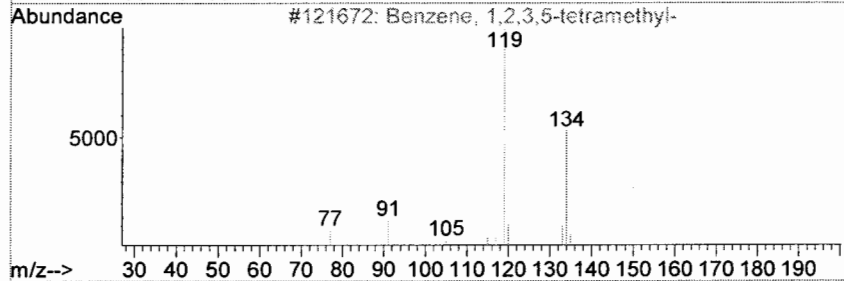
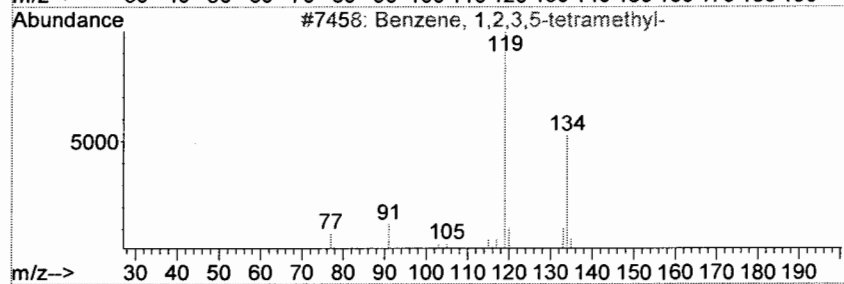
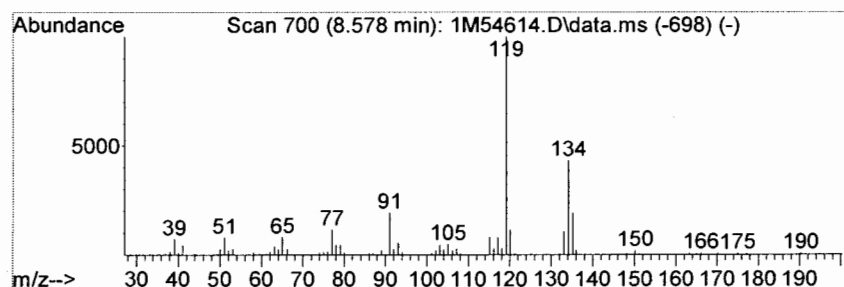
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	18.03 ug/l	305489	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

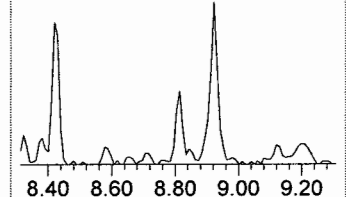
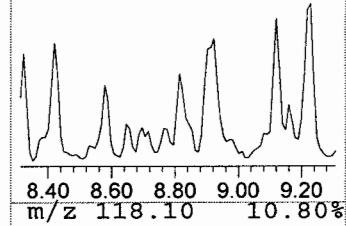
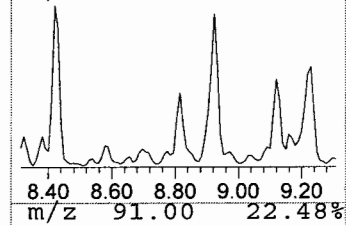
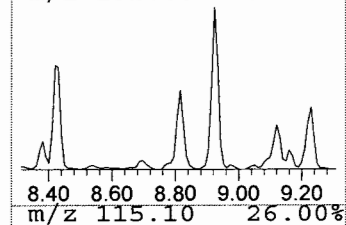
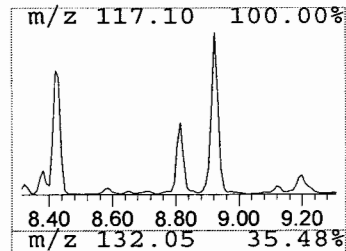
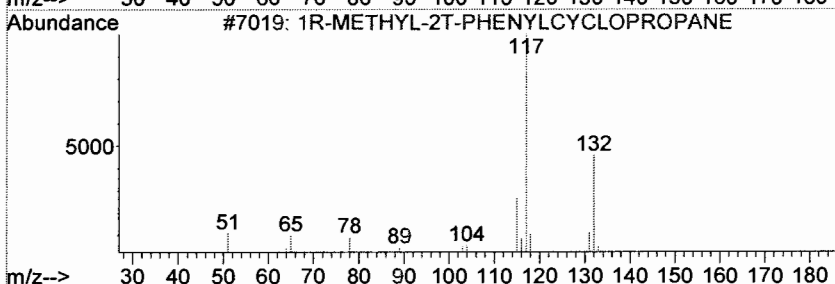
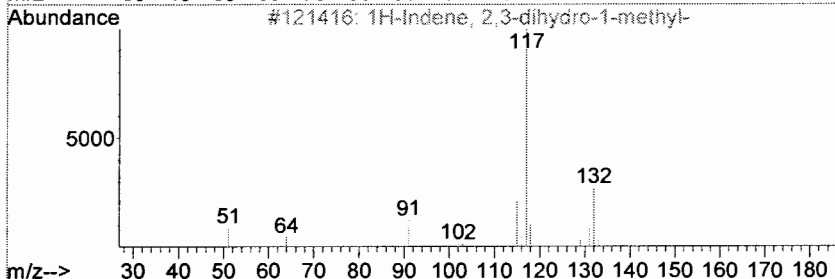
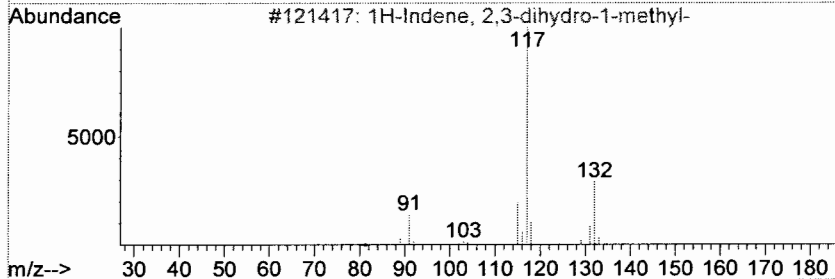
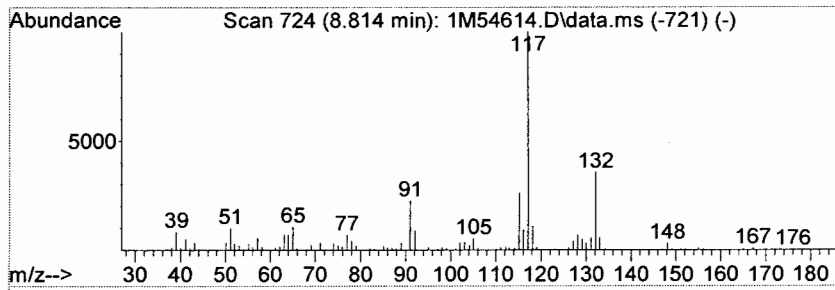
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Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	19.37 ug/l	328161	LibIS-1,4-Dichlorobenzene-d4	7.89

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



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 Sample Multiplier: 1

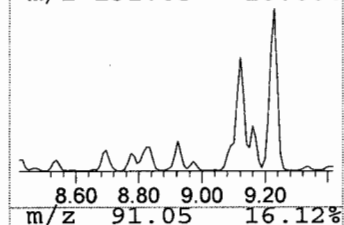
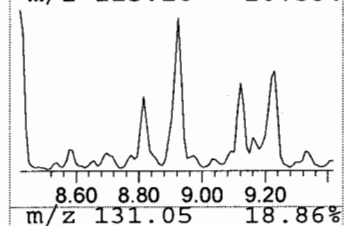
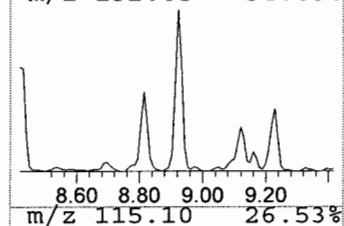
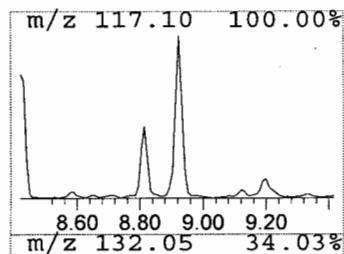
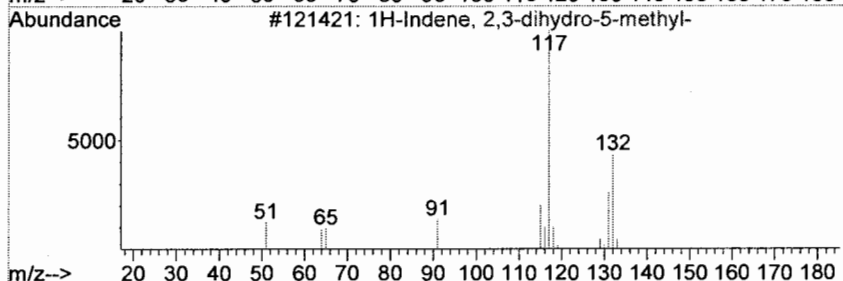
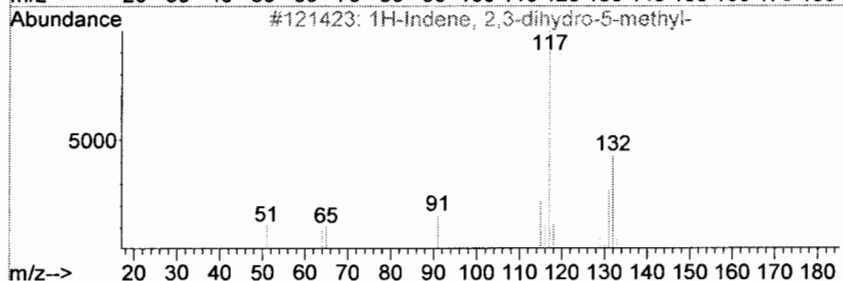
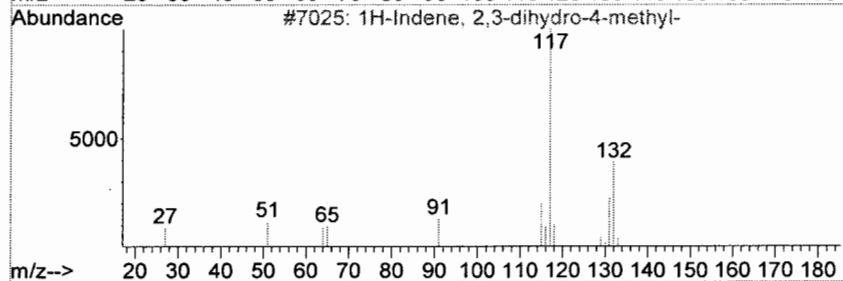
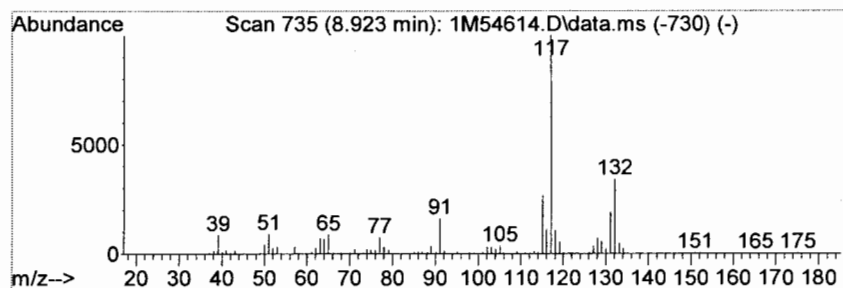
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	68.93 ug/l	1167535	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4			1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	96
5			1R-METHYL-2T-PHENYLCYCLOPROPANE	132	C10H12	005070-01-9	43



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

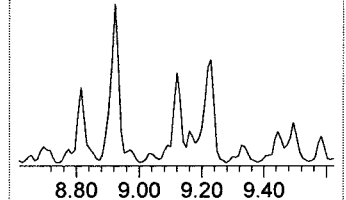
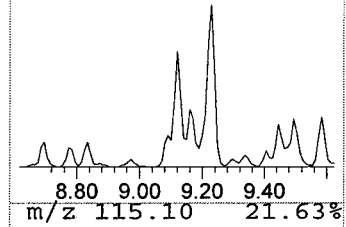
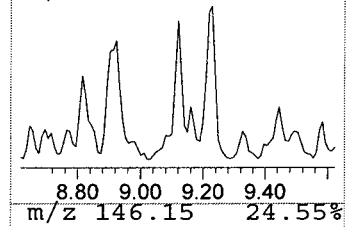
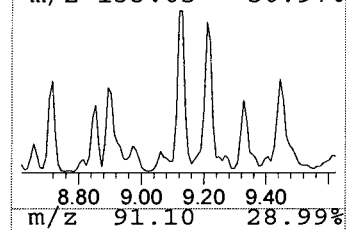
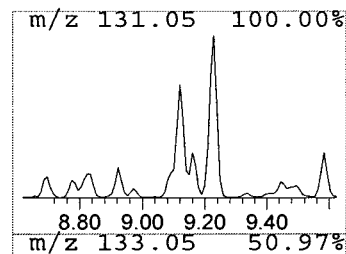
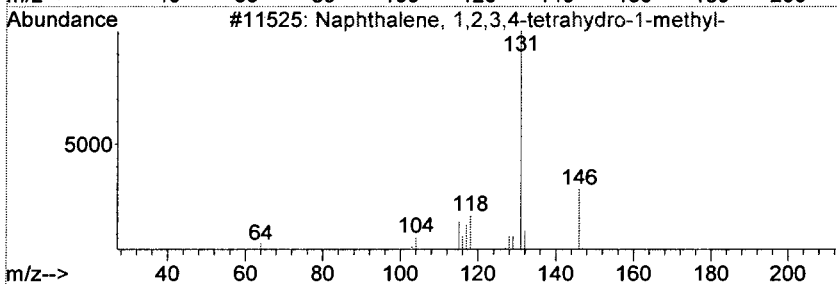
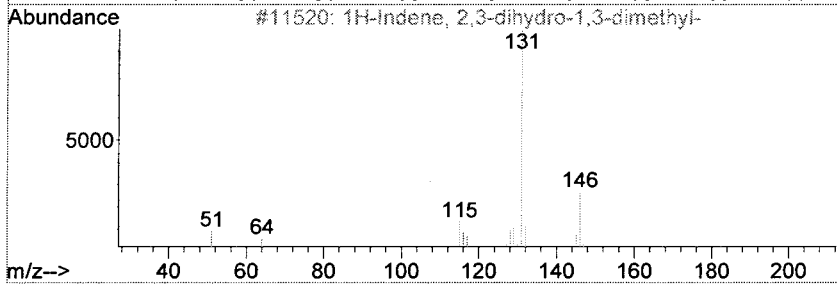
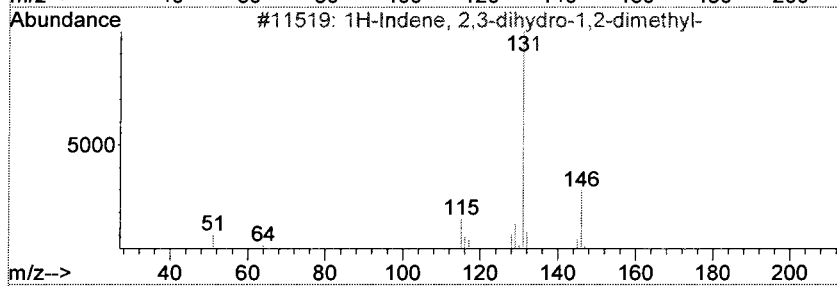
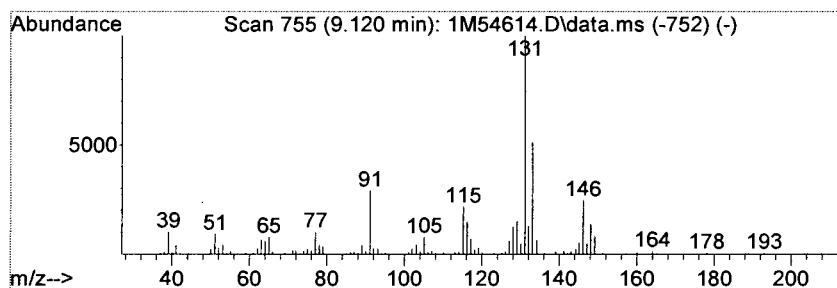
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	38.01 ug/l	643925	LibIS-1,4-Dichlorobenzene-d4	7.89

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	86
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
4			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	64



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
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Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

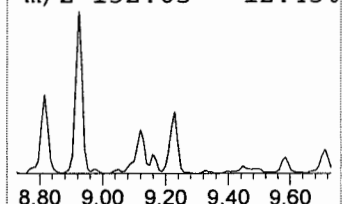
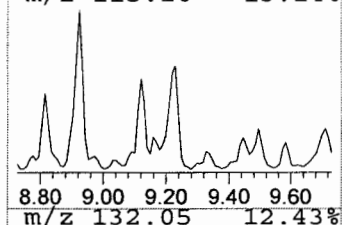
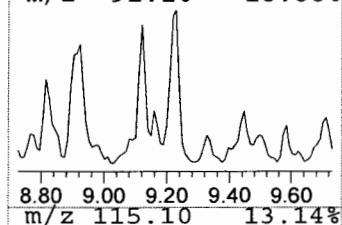
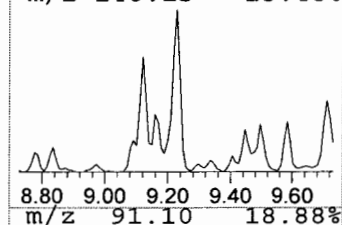
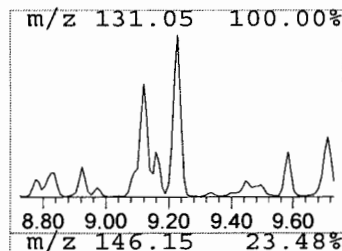
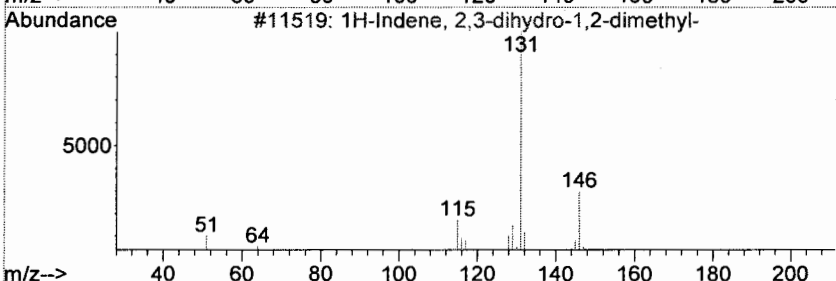
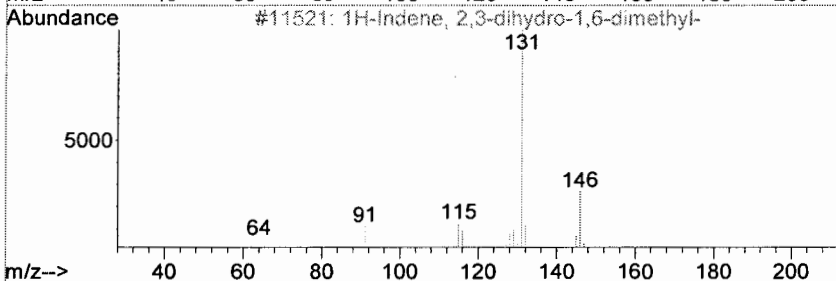
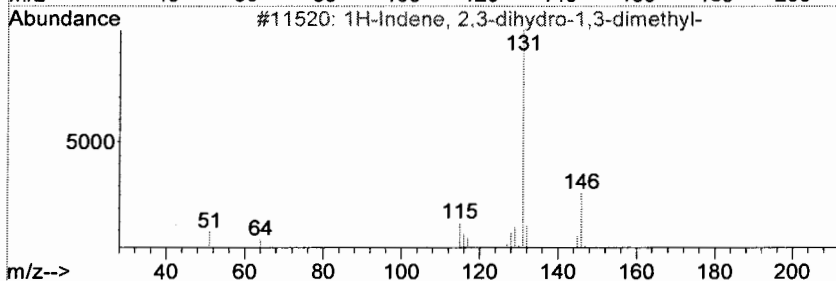
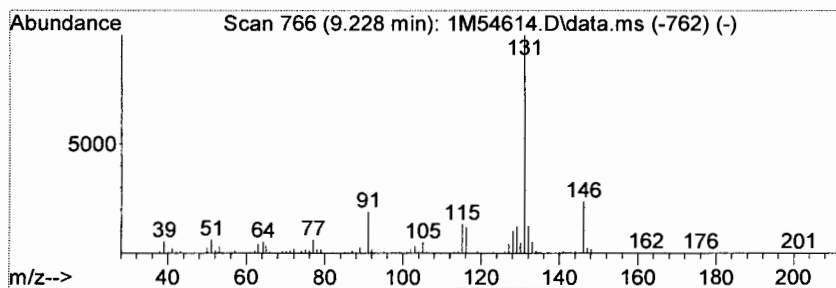
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Quant Title : @GCMS_1,ug,624,8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	57.87 ug/l	980311	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	52
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	52



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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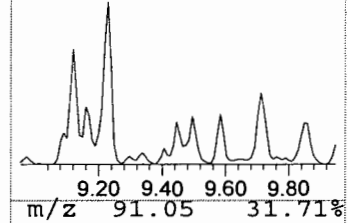
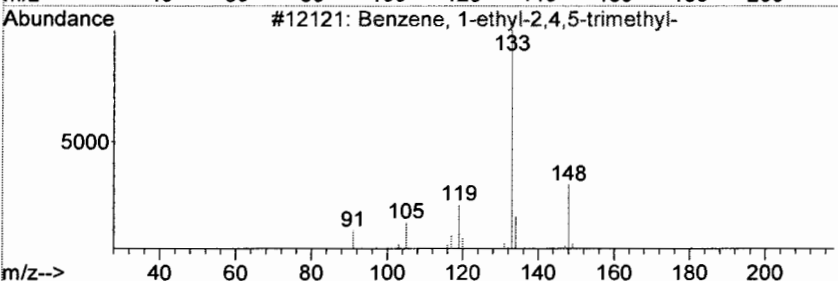
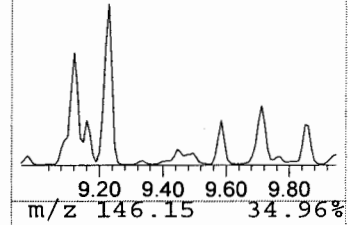
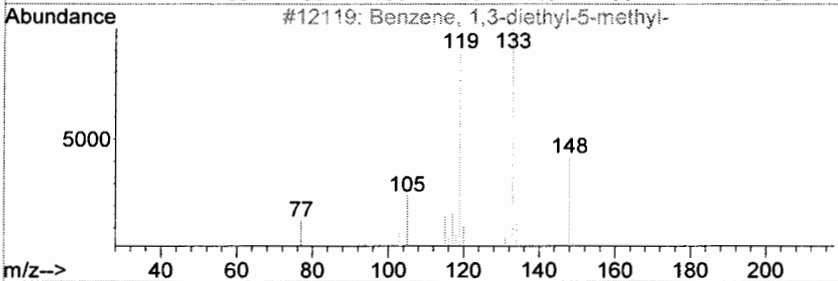
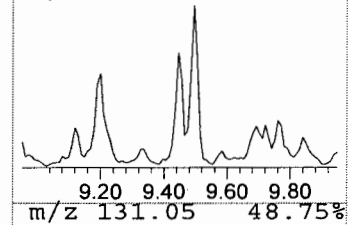
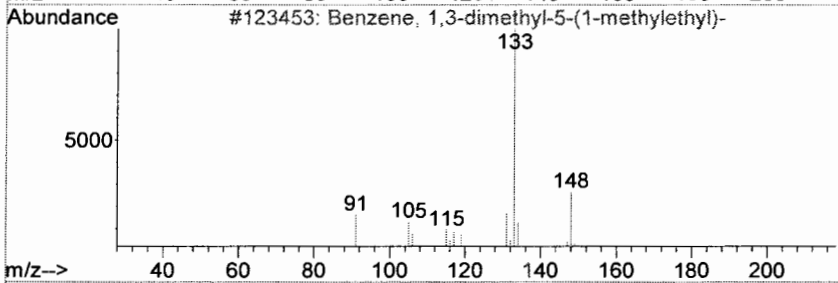
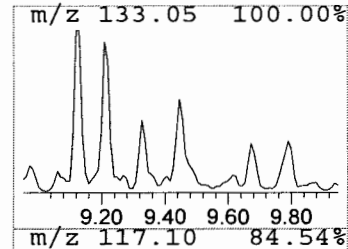
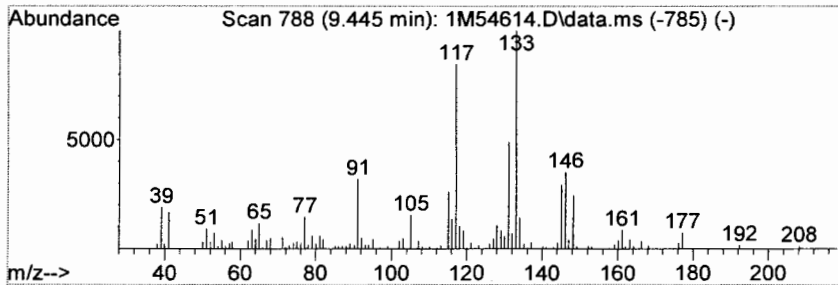
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 10 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	14.43 ug/l	244511	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	14
3			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	27
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
5			Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	14



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

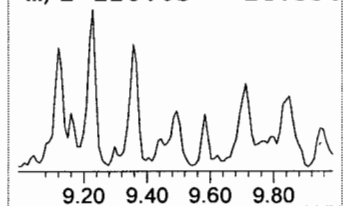
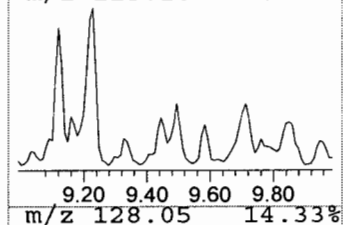
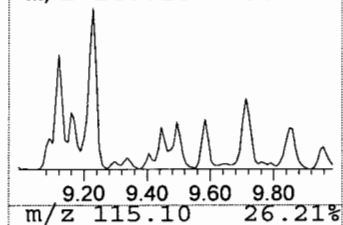
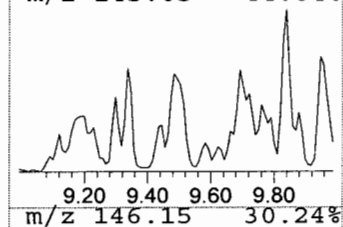
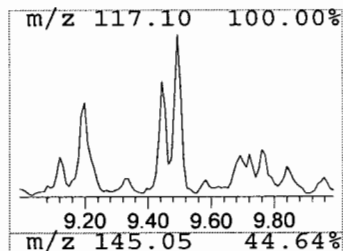
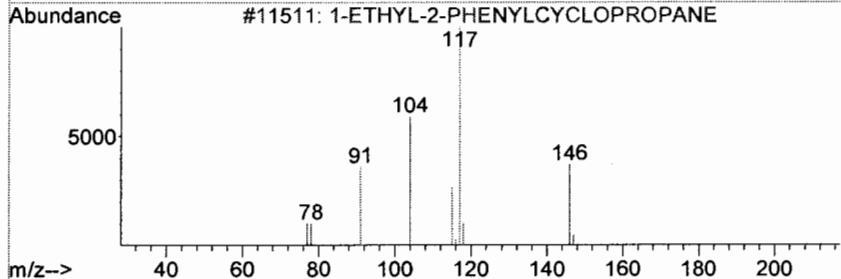
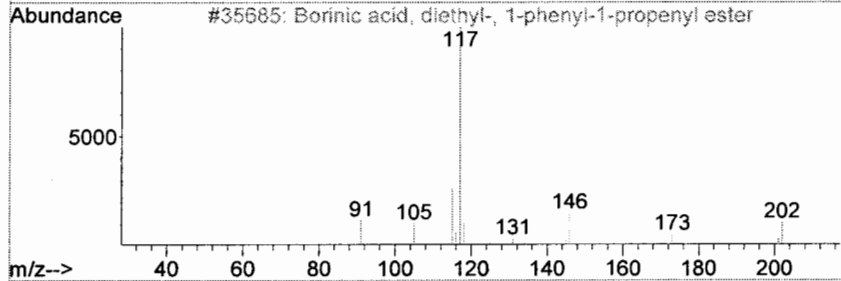
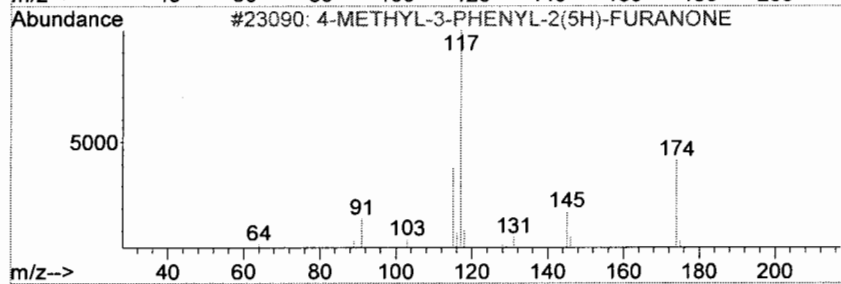
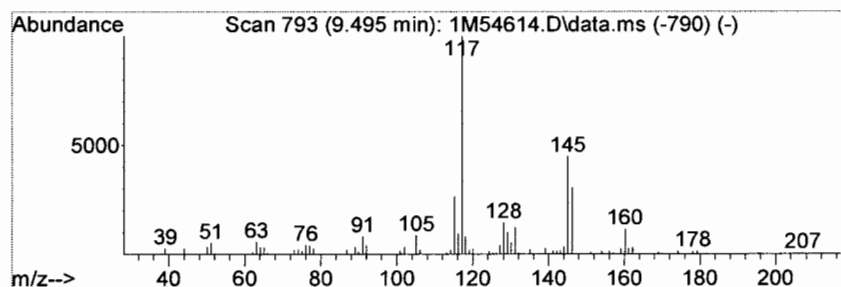
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	18.41 ug/l	311896	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-METHYL-3-PHENYL-2(5H)-FURANONE	174	C11H10O2	000000-00-0	35
2		Borinic acid, diethyl-, 1-phenyl...	202	C13H19BO	034602-33-0	37
3		1-ETHYL-2-PHENYLCYCLOPROPANE	146	C11H14	030627-64-6	25
4		1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	43
5		1,3,5,7-Cyclooctatetraene, 1-butyl-	160	C12H16	013402-37-4	12



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54614.D
Acq On : 26 Feb 2010 14:18
Operator : SG
Sample : AC50034-007
Misc : S,5G!3
ALS Vial : 31 Sample Multiplier: 1

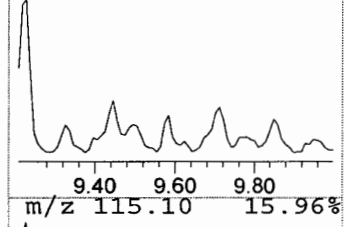
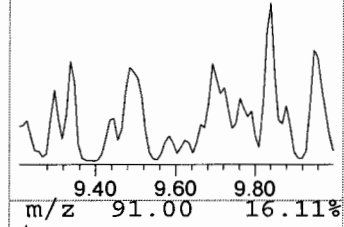
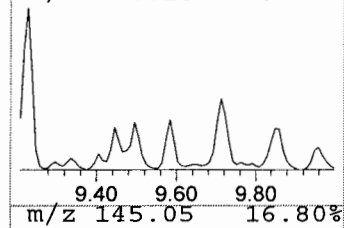
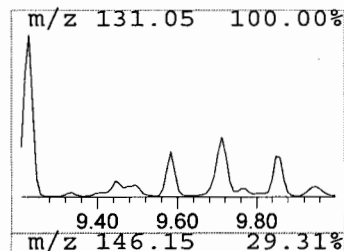
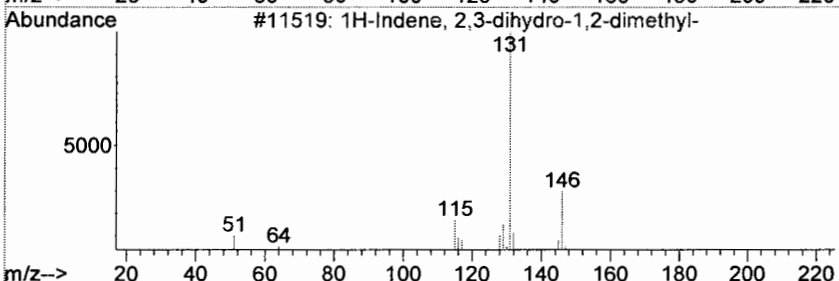
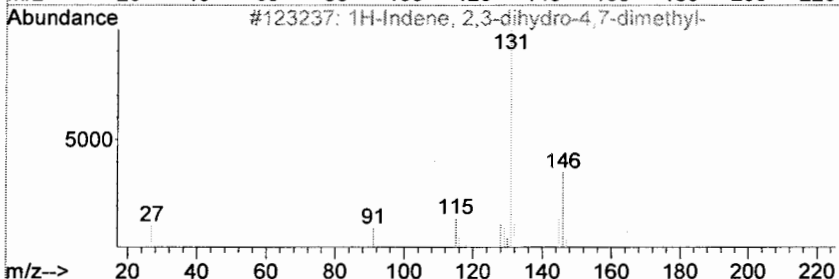
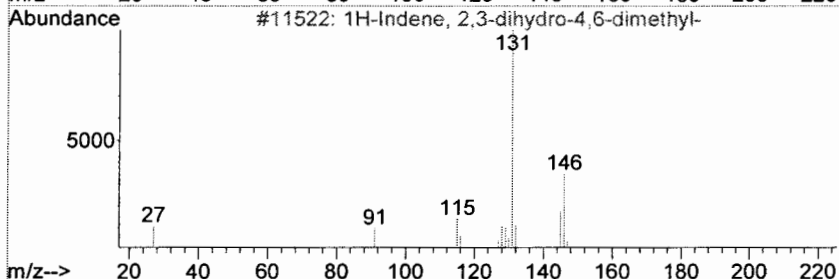
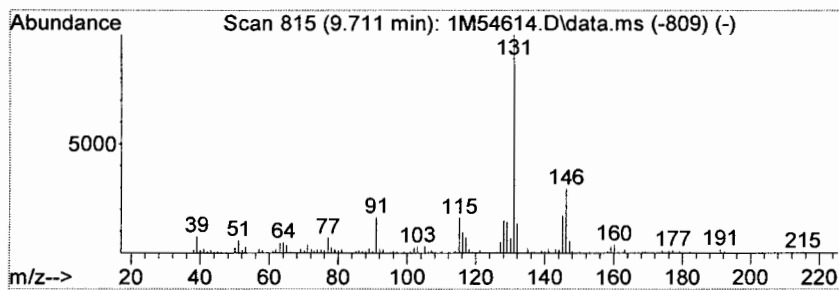
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 12 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	25.64 ug/l	434324	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	95
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	96
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G!3
 ALS Vial : 31 Sample Multiplier: 1

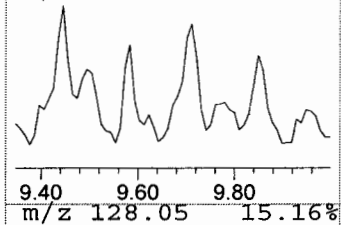
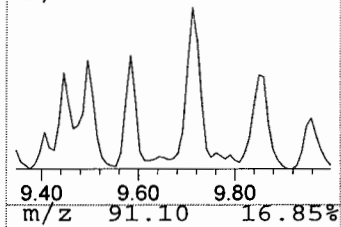
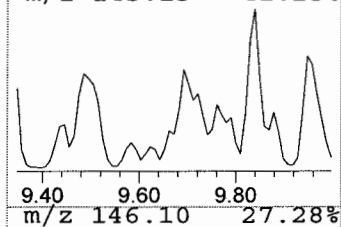
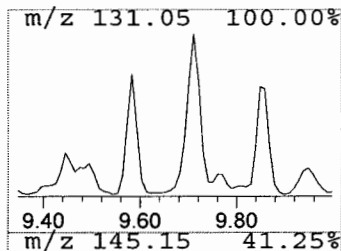
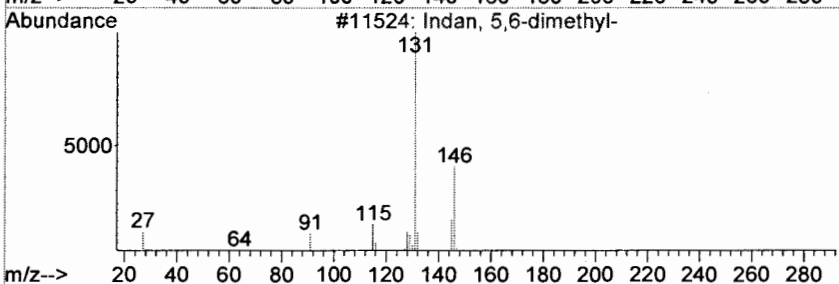
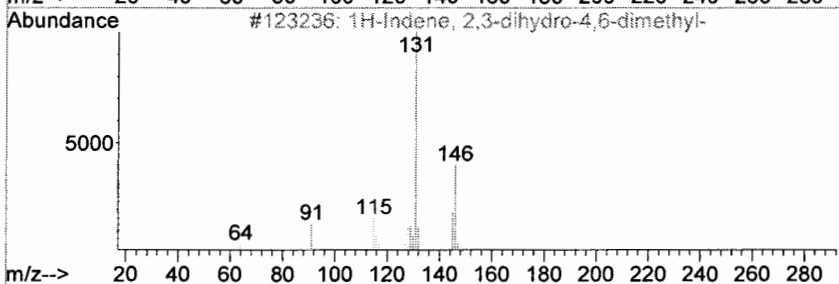
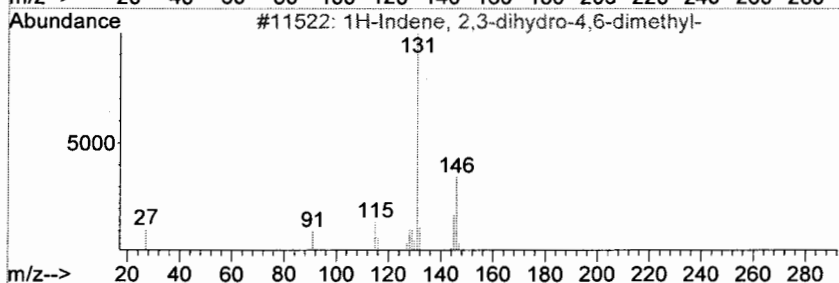
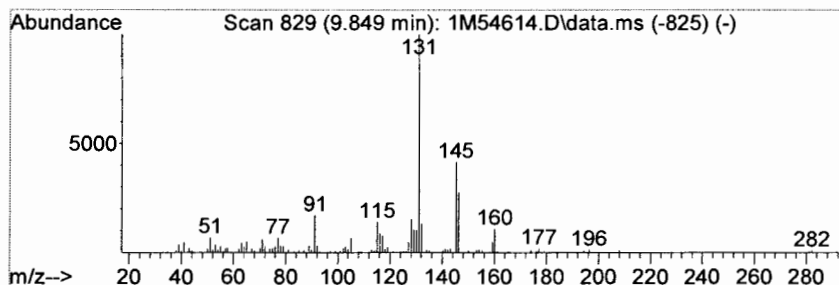
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 13 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	25.23 ug/l	427398	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	62
2			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	43
3			Indan, 5,6-dimethyl-	146	C11H14	001075-22-5	70
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54614.D
 Acq On : 26 Feb 2010 14:18
 Operator : SG
 Sample : AC50034-007
 Misc : S,5G13
 ALS Vial : 31 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-----				
					#	ExpRT	ActRt	Resp	Conc
Acetic acid, ethy...	3.90	55.5	ug/l	875447	1	4.63	4.63	472879	30.0
1H-Indene, 2,3-di...	8.07	19.2	ug/l	325635	3	7.89	7.89	508166	30.0
Benzene, 2-ethyl-...	8.32	25.3	ug/l	427922	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	8.42	36.9	ug/l	624502	3	7.89	7.89	508166	30.0
Benzene, 1,2,3,5-...	8.58	18.0	ug/l	305489	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	8.81	19.4	ug/l	328161	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	8.92	68.9	ug/l	1167535	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	9.12	38.0	ug/l	643925	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	9.23	57.9	ug/l	980311	3	7.89	7.89	508166	30.0
unknown	9.45	14.4	ug/l	244511	3	7.89	7.89	508166	30.0
unknown	9.49	18.4	ug/l	311896	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	9.71	25.6	ug/l	434324	3	7.89	7.89	508166	30.0
1H-Indene, 2,3-di...	9.85	25.2	ug/l	427398	3	7.89	7.89	508166	30.0

Form1
ORGANICS VOLATILE REPORT

Sample Number: AC50034-008

Client Id: PI01-TP-RAR3022310S01

Data File: 1M54615.D

Analysis Date: 02/26/10 14:34

Date Rec/Extracted: 02/25/10-NA

Column: DB-624 25M 0.200mm ID 1.12um film

Method: EPA 8260B

Matrix: Soil

Initial Vol: 5.28g

Final Vol: NA

Dilution: 0.947

Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
71-55-6	1,1,1-Trichloroethane	0.0086	U	56-23-5	Carbon Tetrachloride	0.0086	U
79-34-5	1,1,2,2-Tetrachloroethane	0.0086	U	108-90-7	Chlorobenzene	0.0086	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	0.0086	U	75-00-3	Chloroethane	0.0086	U
79-00-5	1,1,2-Trichloroethane	0.0086	U	67-66-3	Chloroform	0.0086	U
75-34-3	1,1-Dichloroethane	0.0086	U	74-87-3	Chloromethane	0.0086	U
75-35-4	1,1-Dichloroethene	0.0086	U	156-59-2	cis-1,2-Dichloroethene	0.0086	U
96-18-4	1,2,3-Trichloropropane	0.0086	U	10061-01-5	cis-1,3-Dichloropropene	0.0086	U
95-63-6	1,2,4-Trimethylbenzene	0.0017	0.0044	124-48-1	Dibromochloromethane	0.0086	U
95-50-1	1,2-Dichlorobenzene	0.0086	U	75-71-8	Dichlorodifluoromethane	0.0086	U
107-06-2	1,2-Dichloroethane	0.0086	U	100-41-4	Ethylbenzene	0.0017	U
78-87-5	1,2-Dichloropropane	0.0086	U	98-82-8	Isopropylbenzene	0.0017	0.0026
108-67-8	1,3,5-Trimethylbenzene	0.0017	U	136777612	m&p-Xylenes	0.0017	U
541-73-1	1,3-Dichlorobenzene	0.0086	U	75-09-2	Methylene Chloride	0.0086	U
142-28-9	1,3-Dichloropropane	0.0086	U	1634-04-4	Methyl-t-butyl ether	0.0017	U
106-46-7	1,4-Dichlorobenzene	0.0086	U	104-51-8	n-Butylbenzene	0.0017	U
123-91-1	1,4-Dioxane	0.43	U	103-65-1	n-Propylbenzene	0.0017	0.0024
78-93-3	2-Butanone	0.0086	U	95-47-6	o-Xylene	0.0017	U
110-75-8	2-Chloroethylvinylether	0.0086	U	135-98-8	sec-Butylbenzene	0.0017	0.0064
591-78-6	2-Hexanone	0.0086	U	100-42-5	Styrene	0.0086	U
99-87-6	4-Isopropyltoluene	0.0017	U	75-65-0	t-Butyl Alcohol	0.043	U
108-10-1	4-Methyl-2-Pentanone	0.0086	U	98-06-6	t-Butylbenzene	0.0017	U
67-64-1	Acetone	0.043	U	127-18-4	Tetrachloroethene	0.0086	U
107-02-8	Acrolein	0.043	U	108-88-3	Toluene	0.0017	U
107-13-1	Acrylonitrile	0.0086	U	156-60-5	trans-1,2-Dichloroethene	0.0086	U
71-43-2	Benzene	0.0017	U	10061-02-6	trans-1,3-Dichloropropene	0.0086	U
75-27-4	Bromodichloromethane	0.0086	U	79-01-6	Trichloroethene	0.0086	U
75-25-2	Bromoform	0.0086	U	75-69-4	Trichlorofluoromethane	0.0086	U
74-83-9	Bromomethane	0.0086	U	75-01-4	Vinyl Chloride	0.0086	U
75-15-0	Carbon Disulfide	0.0086	0.0095	1330-20-7	Xylenes (Total)	0.0017	U

Worksheet #: 144264

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.*

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-008	Matrix: Soil
Client Id: PI01-TP-RAR3022310S	Initial Vol: 5.28g
Data File: 1M54615.D	Final Vol: NA
Analysis Date: 02/26/10 14:34	Dilution: 0.947
Date Rec/Extracted: 02/25/10-NA	Solids: 55
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	7058-01-7	Cyclohexane, (1-methylpropyl)-	7.80	0.45 J
2	10458-14-7	Cyclohexanone, 5-methyl-2-(1-methylet	8.01	0.24 J
3	91-17-8	Naphthalene, decahydro-	8.14	0.44 J
4	527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	8.32	0.46 J
5	767-58-8	1H-Indene, 2,3-dihydro-1-methyl-	8.43	0.40 J
6	2958-76-1	Naphthalene, decahydro-2-methyl-	8.55	0.31 J
7	2958-76-1	Naphthalene, decahydro-2-methyl-	8.70	0.21 J
8	17301-28-9	Undecane, 3,6-dimethyl-	8.91	0.55 J
9	4175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethyl-	9.22	0.32 J
10		unknown	9.44	0.31 J

Worksheet #: 144264

Total Tentatively Identified Concentration 3.7*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.*

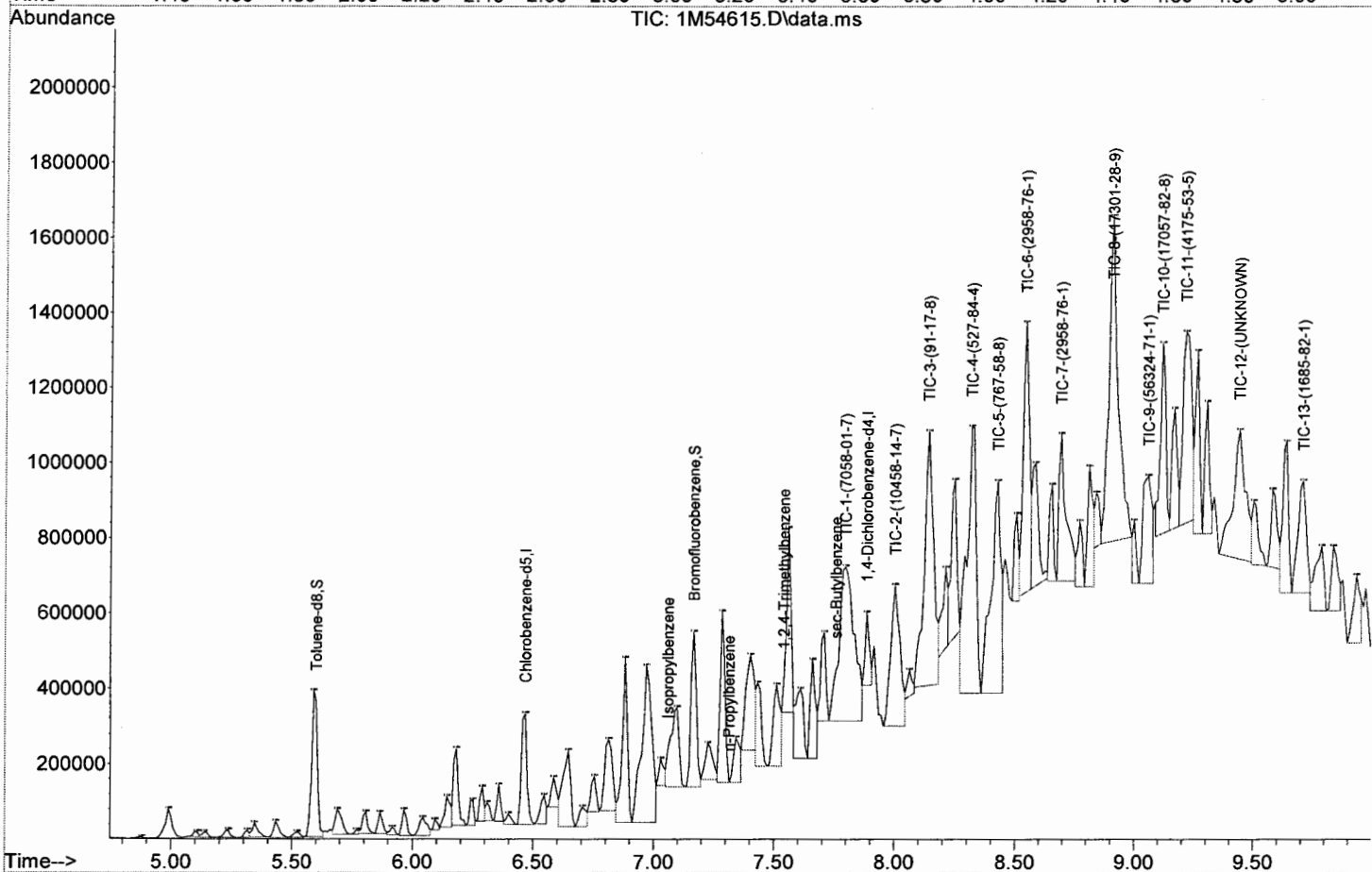
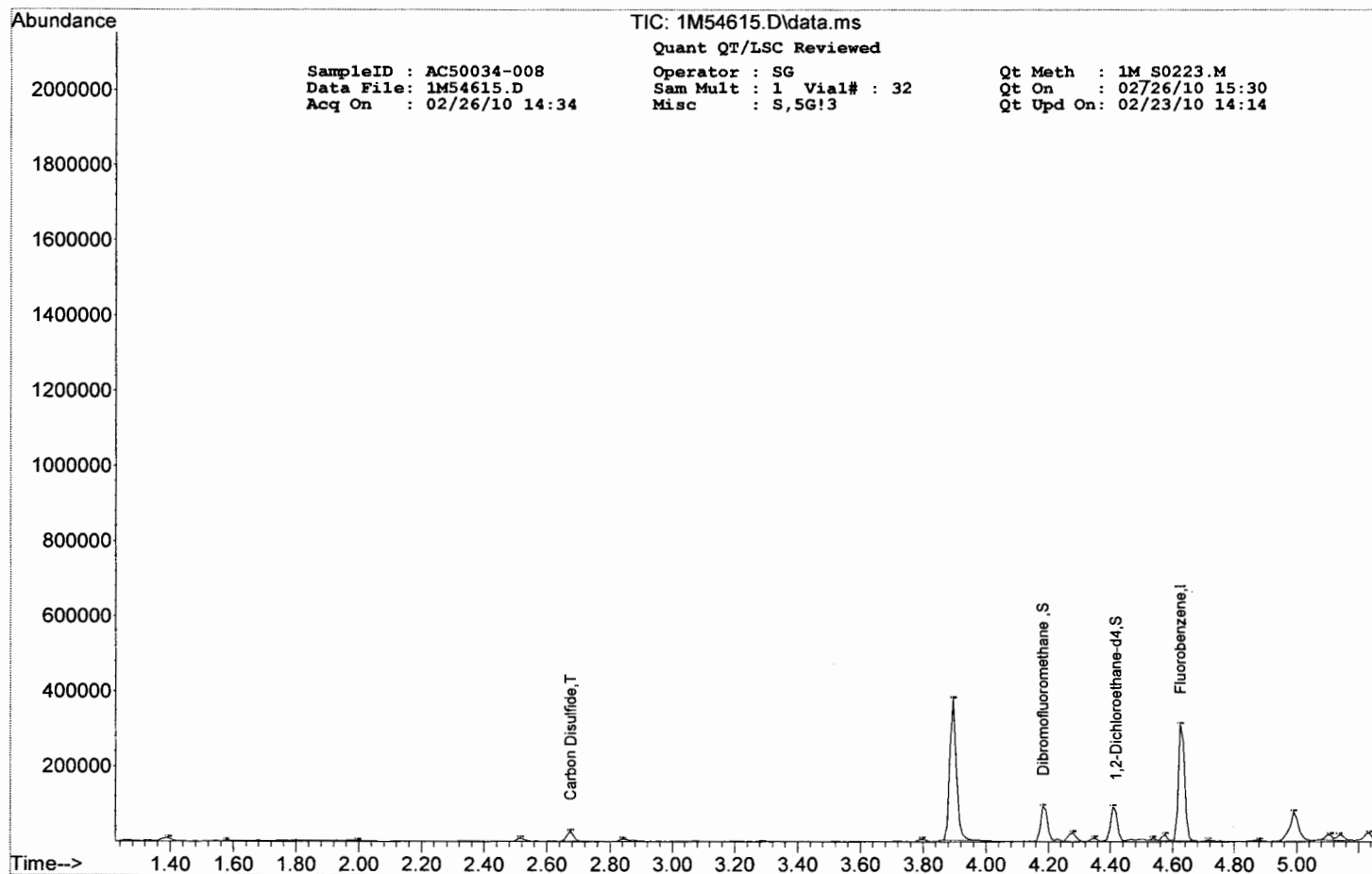
Quantitation Report (QT/LSC Reviewed)

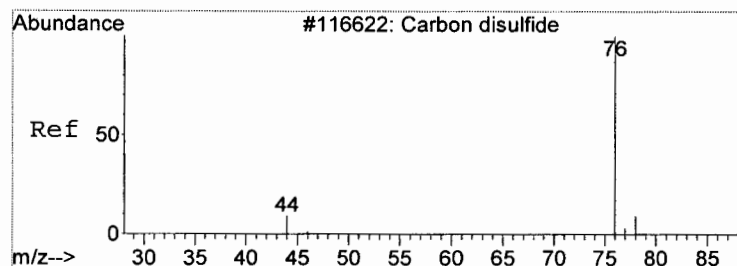
SampleID : AC50034-008 Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54615.D Sam Mult : 1 Vial# : 32 Qt On : 02/26/10 15:30
 Acq On : 02/26/10 14:34 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	4.625	96	163001	30.00	ug/l	0.01
48) Chlorobenzene-d5	6.468	117	124667	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.887	152	63019	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	42172	28.73	ug/l	0.01
Spiked Amount 30.000			Recovery =	95.77%		
35) 1,2-Dichloroethane-d4	4.418	102	7528	28.29	ug/l	0.02
Spiked Amount 30.000			Recovery =	94.30%		
59) Toluene-d8	5.601	100	106785	28.54	ug/l	0.02
Spiked Amount 30.000			Recovery =	95.13%		
67) Bromofluorobenzene	7.168	174	56073	30.01	ug/l	0.02
Spiked Amount 30.000			Recovery =	100.03%		
Target Compounds						
18) Carbon Disulfide	2.673	76	28314	5.50	ug/l	100
75) Isopropylbenzene	7.059	105	12385	1.52	ug/l	71
81) n-Propylbenzene	7.315	91	14043	1.38	ug/l	98
85) 1,2,4-Trimethylbenzene	7.542	105	18076	2.57	ug/l	76
86) sec-Butylbenzene	7.759	105	32379	3.70	ug/l	73
Library Search Internal Standards TIC Results						
1) Fluorobenzene	4.625		435029	30.00	ug/l	--
2) Chlorobenzene-d5	6.468		462498	30.00	ug/l	--
3) 1,4-Dichlorobenzene-d4	7.887		213776m	30.00	ug/l	--
Library Search Compounds						
1) 7058-01-7	7.800		1853245	260.07	ug/l	53
2) 10458-14-7	8.010		1012079	142.03	ug/l	58
3) 91-17-8	8.140		1823561	255.91	ug/l	76
4) 527-84-4	8.320		1923813	269.98	ug/l	95
5) 767-58-8	8.430		1648357	231.32	ug/l	70
6) 2958-76-1	8.550		1300973	182.57	ug/l	43
7) 2958-76-1	8.700		869847	122.07	ug/l	62
8) 17301-28-9	8.910		2276899	319.53	ug/l	53
9) 56324-71-1	9.060		789351	110.77	ug/l	49
10) 17057-82-8	9.120		800328	112.31	ug/l	55
11) 4175-53-5	9.220		1311198	184.01	ug/l	60
12) UNKNOWN	9.440		1296180	181.90	ug/l	--
13) 1685-82-1	9.710		745709	104.65	ug/l	94

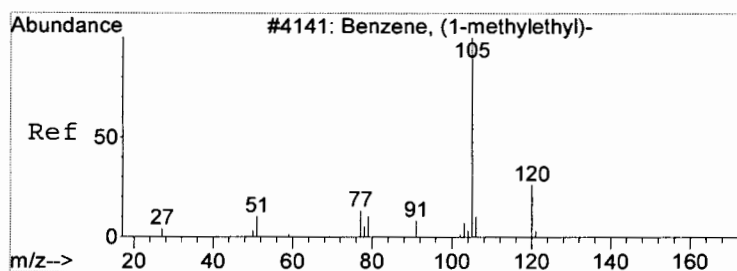
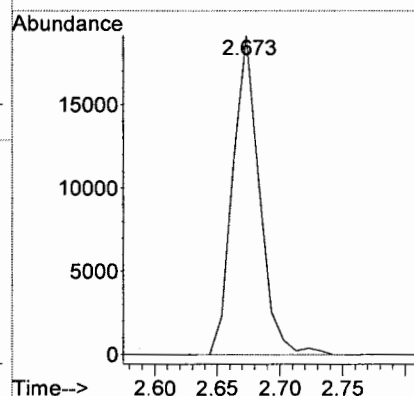
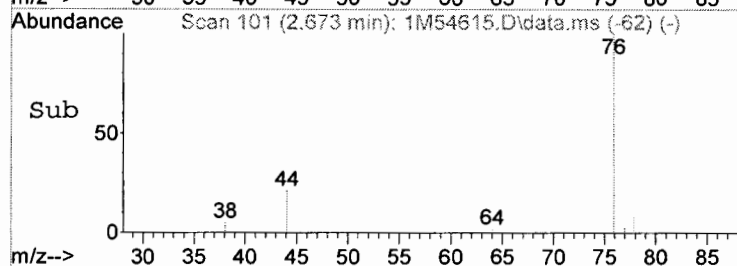
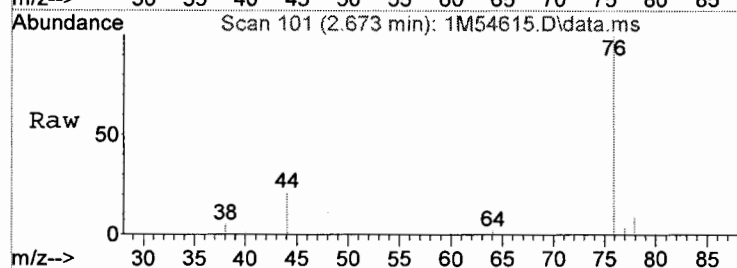
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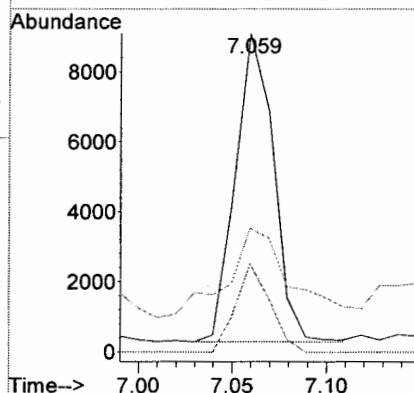
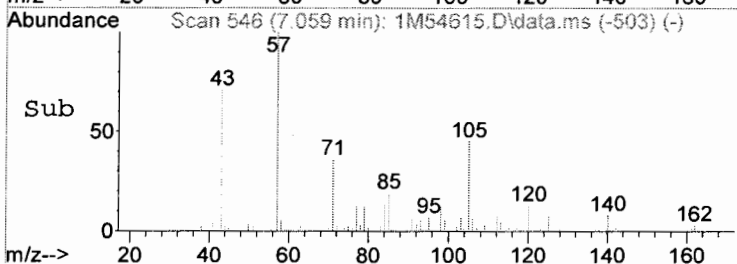
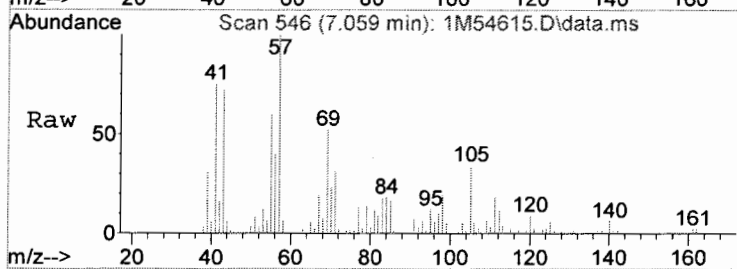
#18
Carbon Disulfide
Concen: 5.50 ug/l
RT: 2.673 min Scan# 101
Delta R.T. 0.020 min
Lab File: 1M54615.D
Acq: 26 Feb 2010 14:34

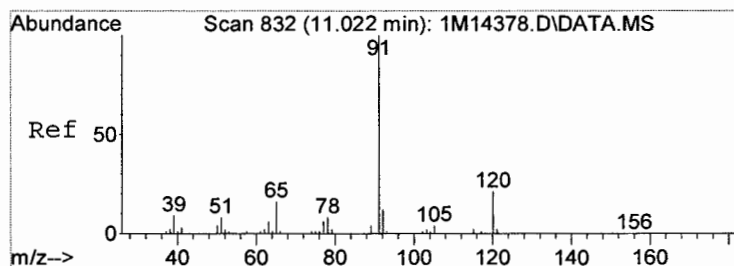
Tgt Ion: 76 Resp: 28314



#75
Isopropylbenzene
Concen: 1.52 ug/l
RT: 7.059 min Scan# 546
Delta R.T. 0.020 min
Lab File: 1M54615.D
Acq: 26 Feb 2010 14:34

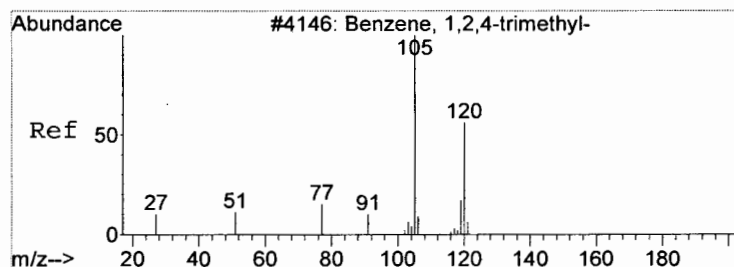
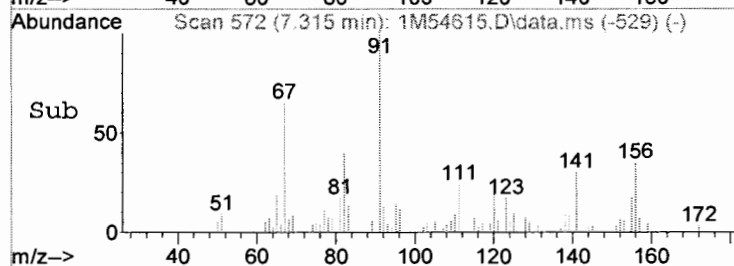
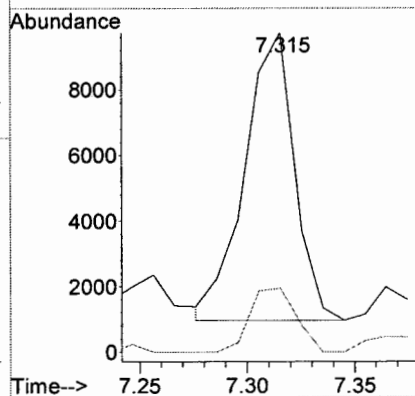
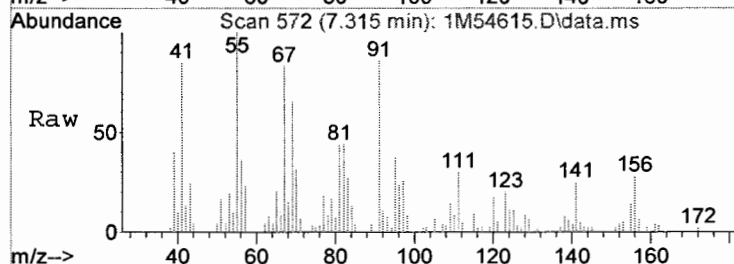
Tgt Ion: 105 Resp: 12385
Ion Ratio Lower Upper
105 100
120 25.6 0.0 66.9
77 48.1 0.0 58.3





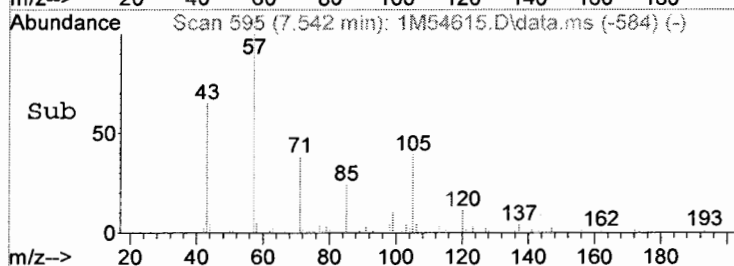
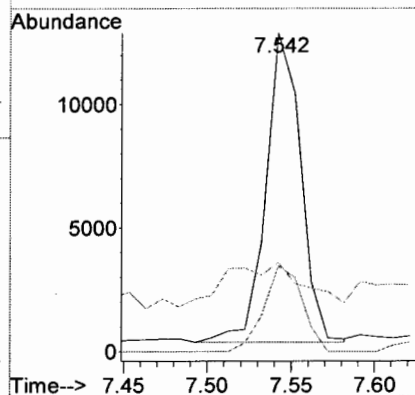
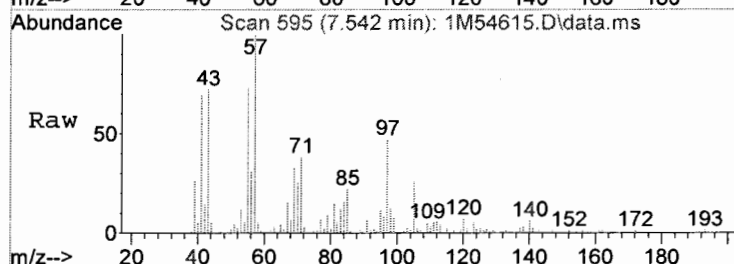
#81
 n-Propylbenzene
 Concen: 1.38 ug/l
 RT: 7.315 min Scan# 572
 Delta R.T. 0.020 min
 Lab File: 1M54615.D
 Acq: 26 Feb 2010 14:34

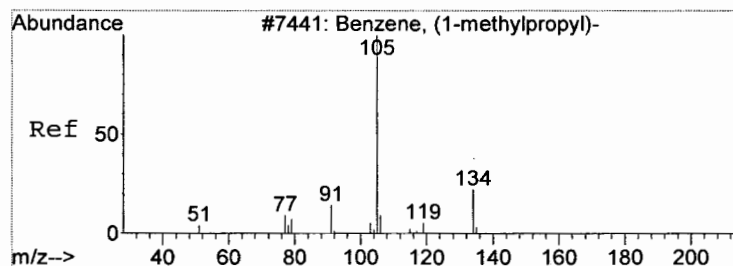
Tgt Ion: 91 Resp: 14043
 Ion Ratio Lower Upper
 91 100
 120 20.6 0.0 61.6



#85
 1,2,4-Trimethylbenzene
 Concen: 2.57 ug/l
 RT: 7.542 min Scan# 595
 Delta R.T. -0.088 min
 Lab File: 1M54615.D
 Acq: 26 Feb 2010 14:34

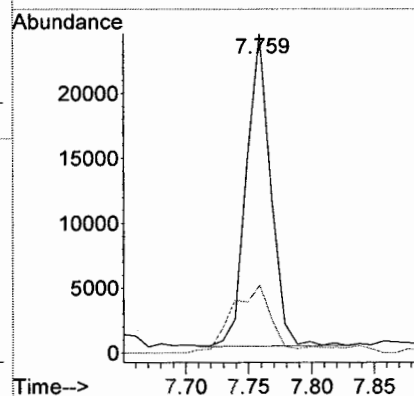
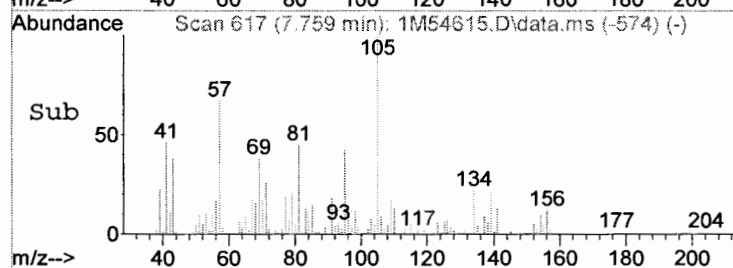
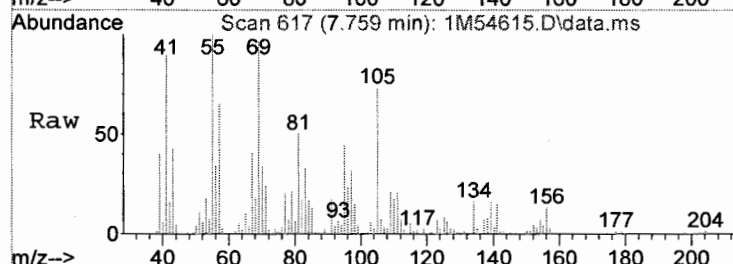
Tgt Ion: 105 Resp: 18076
 Ion Ratio Lower Upper
 105 100
 120 30.1 12.2 92.2
 77 30.4 0.0 66.0





#86
sec-Butylbenzene
Concen: 3.70 ug/l
RT: 7.759 min Scan# 617
Delta R.T. 0.020 min
Lab File: 1M54615.D
Acq: 26 Feb 2010 14:34

Tgt Ion: 105 Resp: 32379
Ion Ratio Lower Upper
105 100
134 34.6 0.0 61.8



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
 Acq On : 26 Feb 2010 14:34
 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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: 1M54615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.393	9	11	15	rVB	8845	20876	0.92%	0.054%
2	1.577	17	22	23	rBV2	2706	10092	0.44%	0.026%
3	1.996	44	47	53	rVB4	2741	13324	0.59%	0.035%
4	2.516	83	85	89	rBV	8397	13993	0.61%	0.036%
5	2.673	97	101	105	rVB	25710	37395	1.64%	0.097%
6	2.841	112	118	120	rBV2	6377	11649	0.51%	0.030%
7	3.797	211	215	218	rBV2	6260	10523	0.46%	0.027%
8	3.896	221	225	232	rBV	376229	546305	23.99%	1.417%
9	4.181	251	254	258	rBV	91909	142098	6.24%	0.368%
10	4.280	261	264	268	rVB2	22280	39477	1.73%	0.102%
11	4.349	268	271	273	rBV2	8498	11809	0.52%	0.031%
12	4.408	273	277	281	rBV	91351	136602	6.00%	0.354%
13	4.536	288	290	292	rBV	5818	6436	0.28%	0.017%
14	4.576	292	294	296	rVB	15825	17701	0.78%	0.046%
15	4.625	296	299	303	rBV	308397	428425	18.82%	1.111%
16	4.714	305	308	314	rVB3	4000	9737	0.43%	0.025%
17	4.881	320	325	328	rVB3	3536	8010	0.35%	0.021%
18	4.990	330	336	342	rBV2	77781	157178	6.90%	0.408%
19	5.108	345	348	349	rBV2	13508	21844	0.96%	0.057%
20	5.137	349	351	354	rVB	14056	23268	1.02%	0.060%
21	5.236	356	361	365	rVB2	19709	34763	1.53%	0.090%
22	5.315	365	369	370	rBV	18514	26295	1.15%	0.068%
23	5.344	370	372	378	rVB2	37198	61149	2.69%	0.159%
24	5.433	378	381	386	rVB	42534	69811	3.07%	0.181%
25	5.522	386	390	393	rBV3	13785	29276	1.29%	0.076%
26	5.591	393	397	401	rBV2	387068	633608	27.83%	1.643%
27	5.689	405	407	412	rVB3	66171	126853	5.57%	0.329%
28	5.768	412	415	416	rBV3	11734	14805	0.65%	0.038%
29	5.808	416	419	423	rVB2	57839	83257	3.66%	0.216%
30	5.867	423	425	428	rBV2	55712	75503	3.32%	0.196%
31	5.916	428	430	433	rVB2	20520	28576	1.26%	0.074%
32	5.965	433	435	439	rVB	69322	93641	4.11%	0.243%
33	6.044	439	443	446	rBV3	48112	111957	4.92%	0.290%
34	6.093	446	448	450	rBV2	27135	34251	1.50%	0.089%
35	6.143	450	453	455	rBV	81147	146604	6.44%	0.380%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
 Acq On : 26 Feb 2010 14:34
 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1000 Area counts
 Max Peaks: 100
 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	6.182	455	457	461	rVB	203287	281027	12.34%	0.729%
37	6.251	461	464	465	rBV	67334	88383	3.88%	0.229%
38	6.290	465	468	469	rBV	89938	111397	4.89%	0.289%
39	6.310	469	470	473	rVB	47175	52768	2.32%	0.137%
40	6.359	473	475	477	rVB	96051	103557	4.55%	0.269%
41	6.399	477	479	482	rVB3	28290	41106	1.81%	0.107%
42	6.468	482	486	490	rBV	294017	462498	20.31%	1.199%
43	6.547	490	494	495	rBV2	75259	127728	5.61%	0.331%
44	6.586	495	498	500	rBV3	78455	116998	5.14%	0.303%
45	6.645	500	504	507	rVB2	201635	442685	19.44%	1.148%
46	6.704	507	510	512	rBV4	52652	115300	5.06%	0.299%
47	6.754	512	515	517	rBV2	94071	143563	6.31%	0.372%
48	6.813	517	521	524	rBV2	189187	427438	18.77%	1.108%
49	6.882	524	528	531	rVB	434986	649549	28.53%	1.684%
50	6.971	531	537	541	rBV3	415039	1267972	55.69%	3.288%
51	7.030	541	543	545	rBV2	70373	111238	4.89%	0.288%
52	7.099	545	550	554	rVB3	209236	527508	23.17%	1.368%
53	7.168	554	557	560	rBV2	409703	649553	28.53%	1.684%
54	7.227	560	563	567	rBV4	94343	216602	9.51%	0.562%
55	7.286	567	569	572	rVB	451614	625660	27.48%	1.622%
56	7.345	572	575	577	rBV2	117387	235377	10.34%	0.610%
57	7.404	577	581	583	rBV2	251508	631517	27.74%	1.638%
58	7.434	583	584	588	rVB2	219883	304407	13.37%	0.789%
59	7.513	588	592	594	rBV3	214934	462074	20.29%	1.198%
60	7.562	594	597	599	rBV2	487091	642312	28.21%	1.666%
61	7.611	599	602	605	rVB4	182704	408041	17.92%	1.058%
62	7.660	605	607	609	rBV	260091	413287	18.15%	1.072%
63	7.710	609	612	614	rVB2	233541	345802	15.19%	0.897%
64	7.798	614	621	628	rBV7	407795	1853245	81.39%	4.806%
65	7.887	628	630	632	rBV2	190605	241568	10.61%	0.626%
66	8.005	637	642	646	rBV3	371983	1012079	44.45%	2.625%
67	8.065	646	648	650	rVV	72696	104092	4.57%	0.270%
68	8.143	650	656	660	rVV4	674789	1823561	80.09%	4.729%
69	8.212	660	663	664	rVV2	218878	354828	15.58%	0.920%
70	8.252	664	667	669	rVV	413585	670649	29.45%	1.739%
71	8.321	669	674	678	rVB4	706566	1923813	84.49%	4.989%
72	8.429	678	685	687	rBV3	561151	1648357	72.39%	4.275%
73	8.508	691	693	694	rBV	229743	306862	13.48%	0.796%
74	8.547	694	697	699	rVV2	726509	1300973	57.14%	3.374%
75	8.587	699	701	706	rVV4	327773	569815	25.03%	1.478%

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
 Acq On : 26 Feb 2010 14:34
 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1000 Area counts

Max Peaks: 100

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

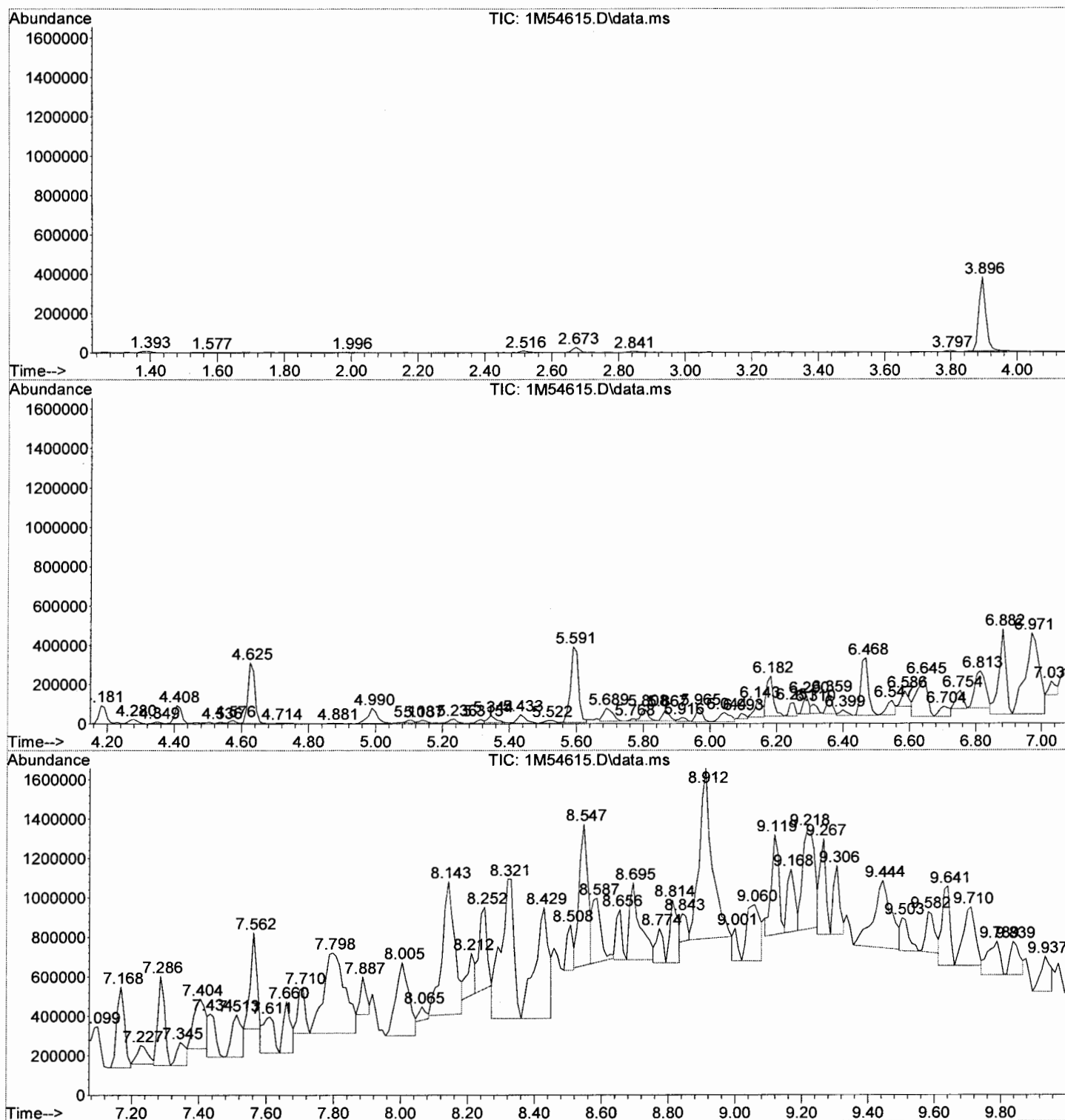
76	8.656	706	708	710	rVB2	254032	300895	13.22%	0.780%
77	8.695	710	712	718	rBV4	389009	869847	38.20%	2.256%
78	8.774	718	720	722	rVB2	172217	239316	10.51%	0.621%
79	8.814	722	724	726	rBV2	317625	533041	23.41%	1.382%
80	8.843	726	727	729	rVV	139044	178749	7.85%	0.464%
81	8.912	729	734	742	rVB3	858671	2276899	100.00%	5.905%
82	9.001	742	743	745	rVB2	164923	133836	5.88%	0.347%
83	9.060	745	749	751	rBV4	283712	789351	34.67%	2.047%
84	9.119	752	755	758	rVV	501722	800328	35.15%	2.075%
85	9.168	758	760	762	rVV2	313042	510692	22.43%	1.324%
86	9.218	762	765	768	rVV2	502027	1311198	57.59%	3.400%
87	9.267	768	770	772	rVB2	485000	593956	26.09%	1.540%
88	9.306	772	774	776	rBV2	349132	468966	20.60%	1.216%
89	9.444	779	788	793	rBV9	331787	1296180	56.93%	3.361%
90	9.503	793	794	799	rVV5	167881	273333	12.00%	0.709%
91	9.582	799	802	805	rVV4	204553	379051	16.65%	0.983%
92	9.641	805	808	810	rVB2	400912	648516	28.48%	1.682%
93	9.710	810	815	818	rBV4	296280	745709	32.75%	1.934%
94	9.789	818	823	825	rVB5	170720	431443	18.95%	1.119%
95	9.839	825	828	831	rBV2	169604	344360	15.12%	0.893%
96	9.937	834	838	840	rBV5	177382	383537	16.84%	0.995%

Sum of corrected areas: 38561483

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54615.D
Acq On : 26 Feb 2010 14:34
Operator : SG
Sample : AC50034-008
Misc : S,5G!3
ALS Vial : 32 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54615.D
Acq On : 26 Feb 2010 14:34
Operator : SG
Sample : AC50034-008
Misc : S,5G13
ALS Vial : 32 Sample Multiplier: 1

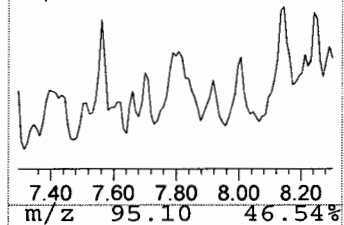
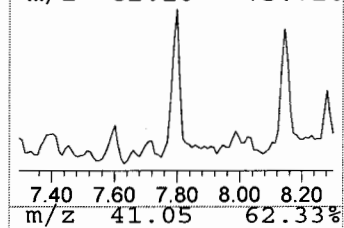
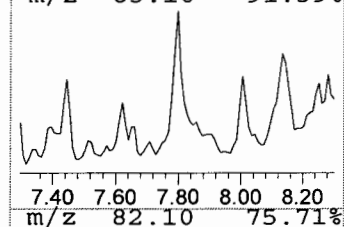
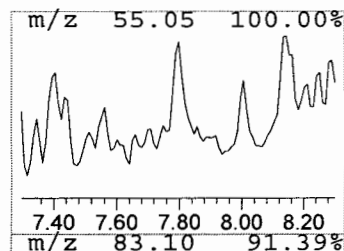
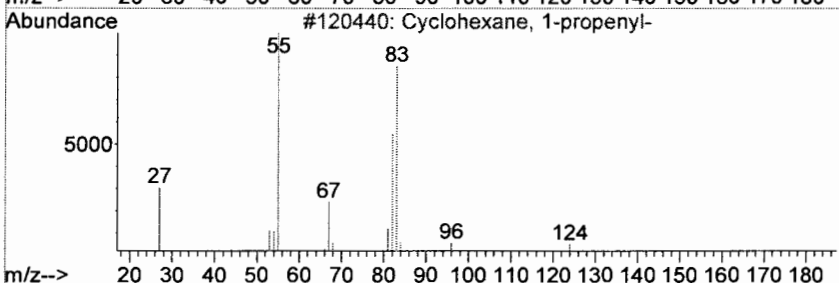
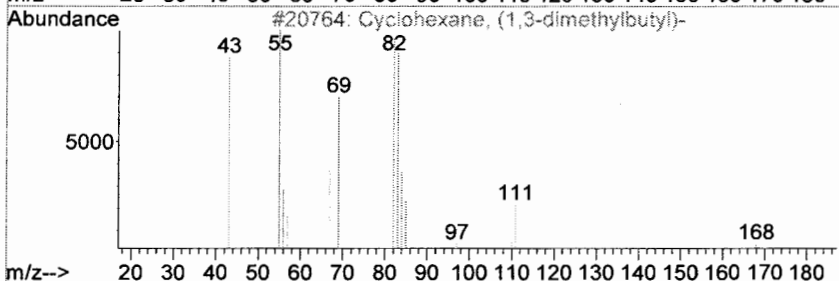
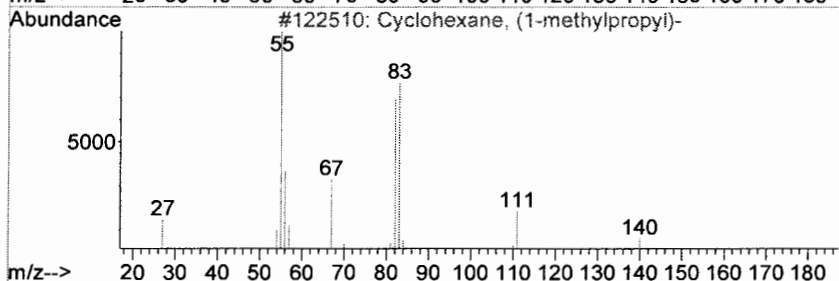
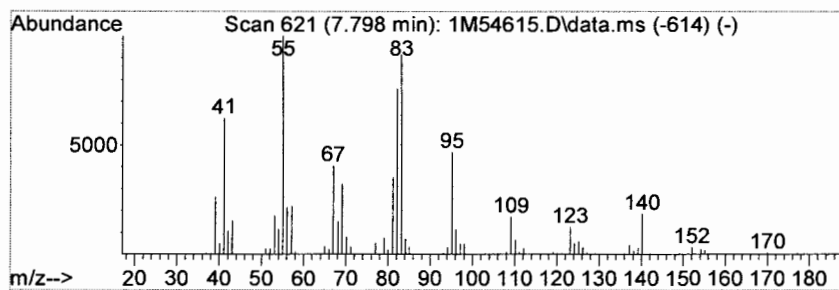
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 1 Cyclohexane, (1-methylpropyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	260.07 ug/l	1853245	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
2			Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	59
3			Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	43
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
5			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	38



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54615.D
Acq On : 26 Feb 2010 14:34
Operator : SG
Sample : AC50034-008
Misc : S,5G!3
ALS Vial : 32 Sample Multiplier: 1

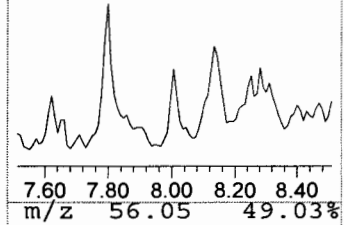
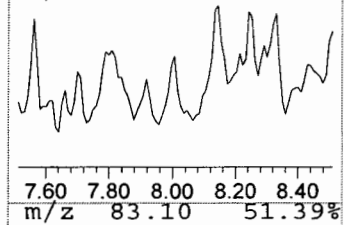
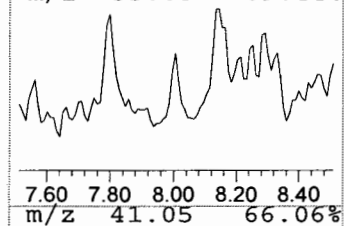
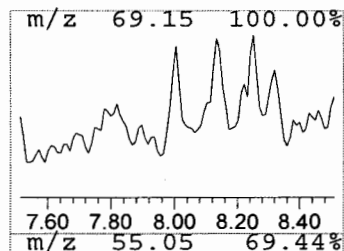
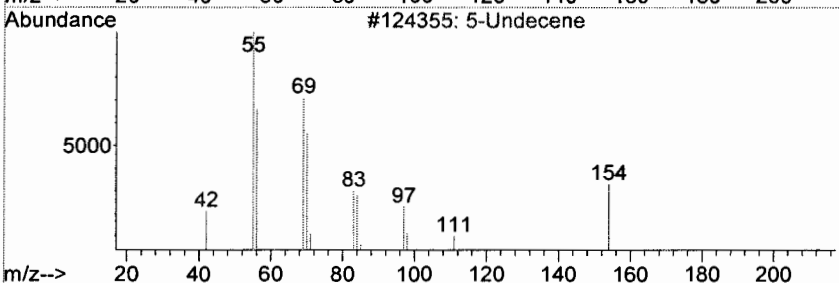
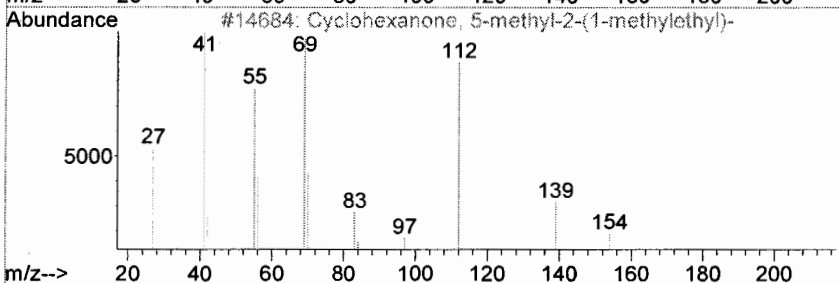
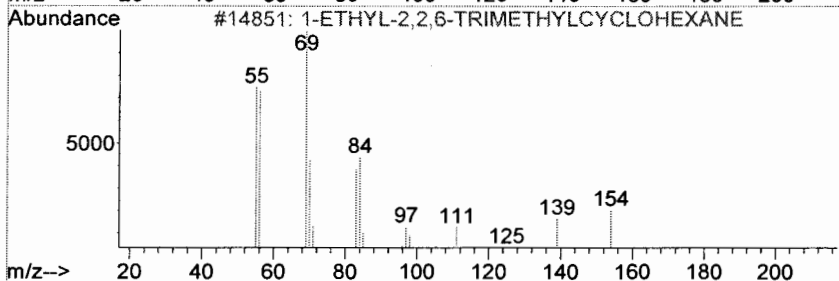
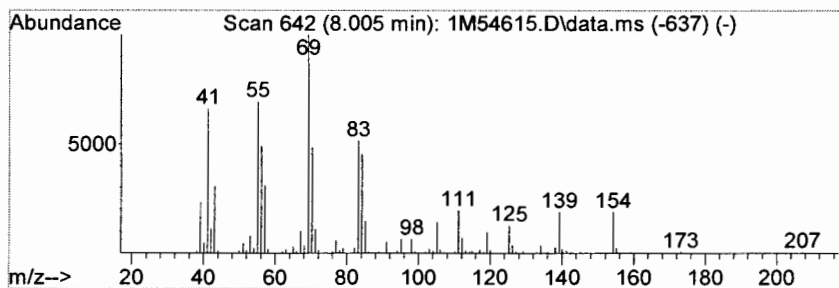
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 2 Cyclohexanone, 5-methyl-2-(... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	142.03 ug/l	1012079	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-ETHYL-2,2,6-TRIMETHYLCYCLOHEXANE	154	C11H22	000000-00-0	58
2			Cyclohexanone, 5-methyl-2-(1-met...	154	C10H18O	010458-14-7	58
3			5-Undecene	154	C11H22	004941-53-1	18
4			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	22
5			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
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 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 Sample Multiplier: 1

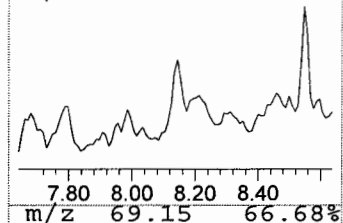
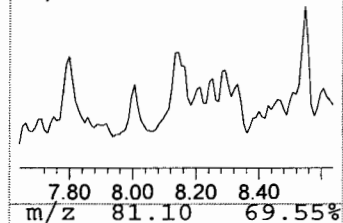
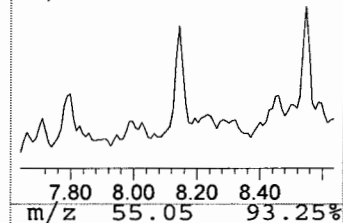
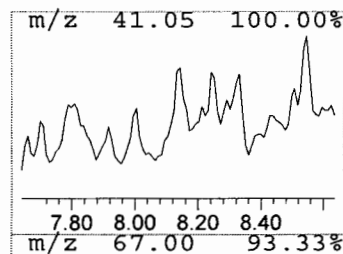
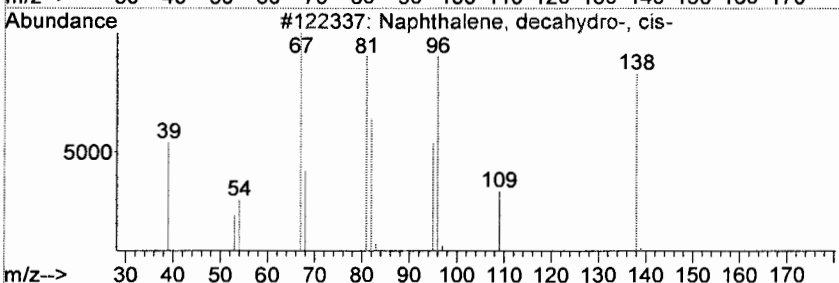
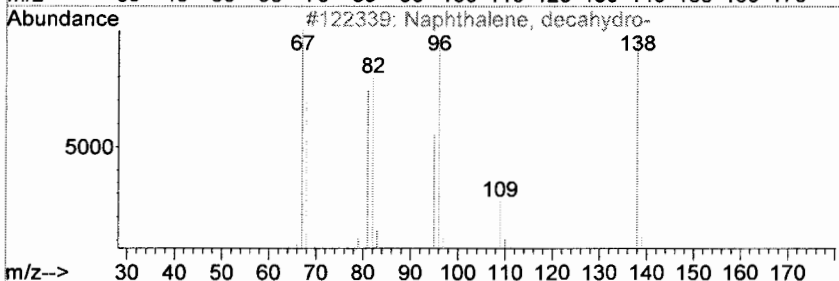
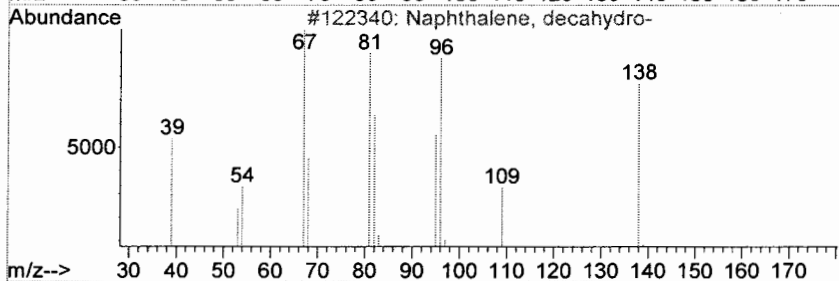
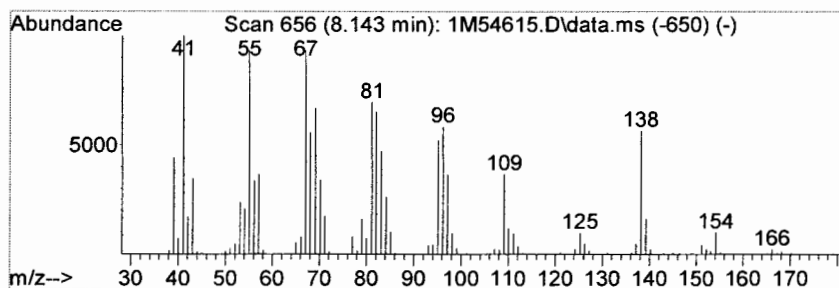
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	255.91 ug/l	1823561	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	76
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	49
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
4			Naphthalene, decahydro-	138	C10H18	000091-17-8	93
5			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	46



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Sample : AC50034-008
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 ALS Vial : 32 Sample Multiplier: 1

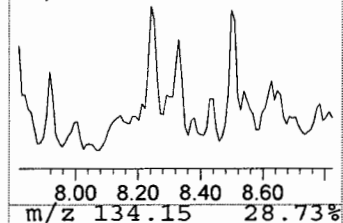
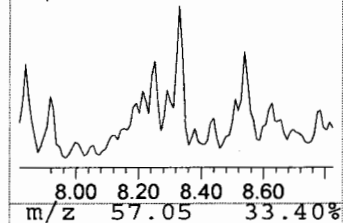
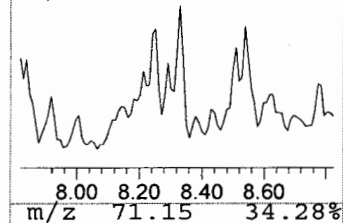
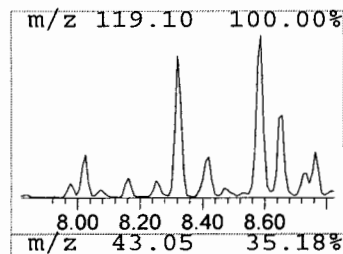
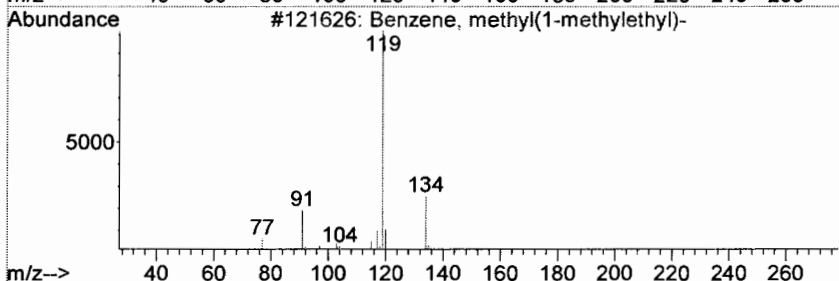
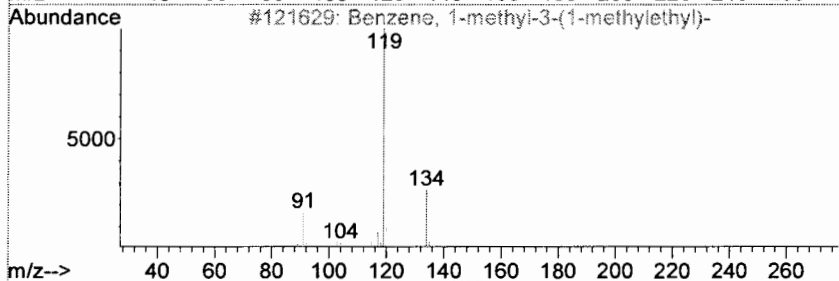
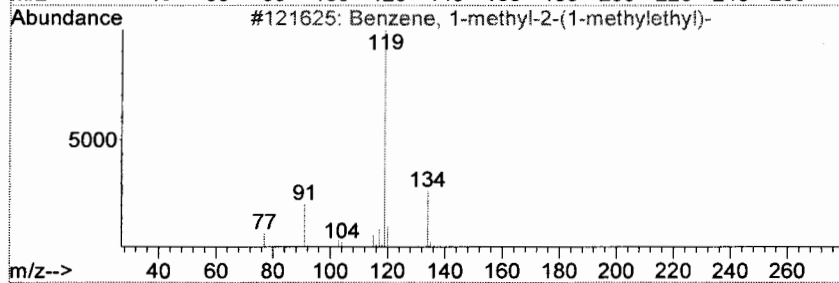
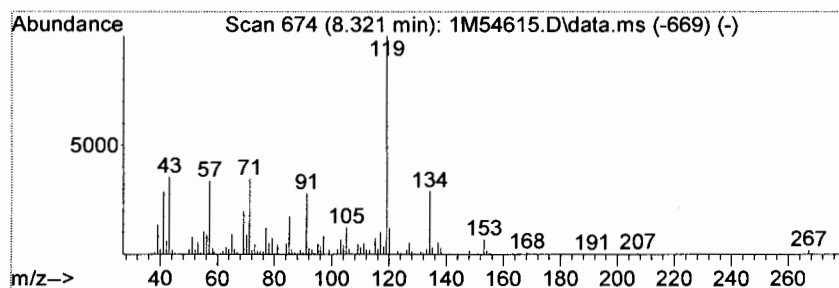
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Benzene, 1-methyl-2-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	269.98 ug/l	1923813	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92
3			Benzene, methyl(1-methylethyl)-	134	C10H14	025155-15-1	92
4			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	70
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	92



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Sample : AC50034-008
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 ALS Vial : 32 Sample Multiplier: 1

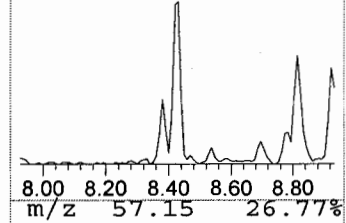
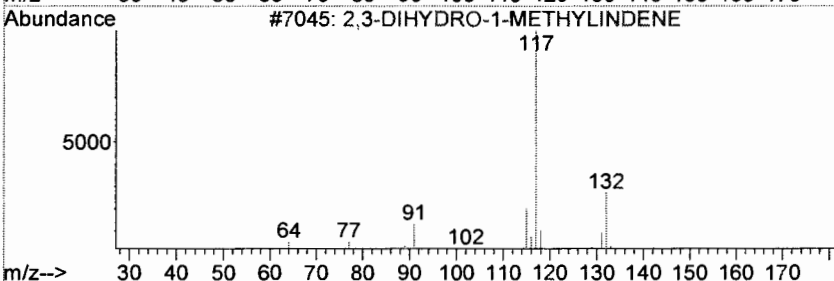
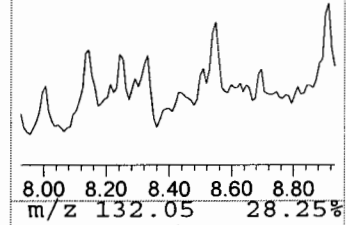
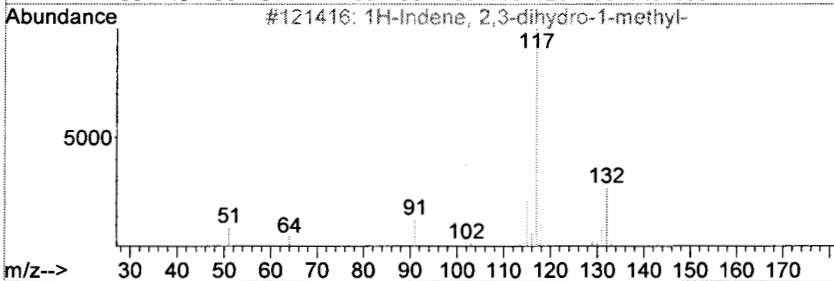
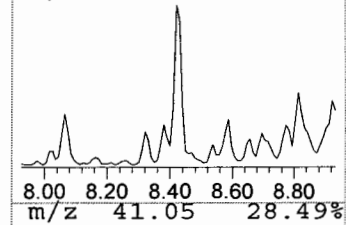
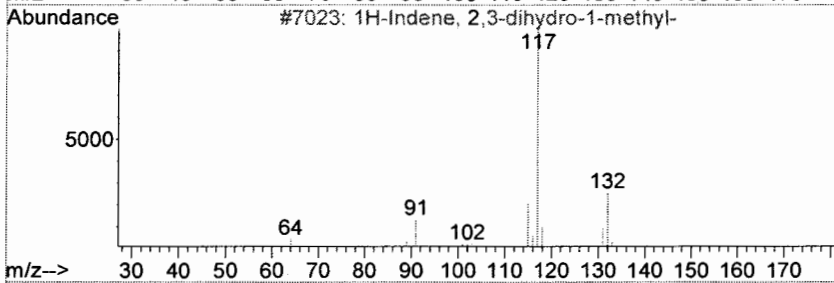
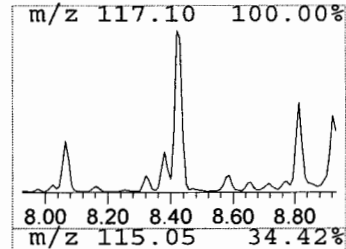
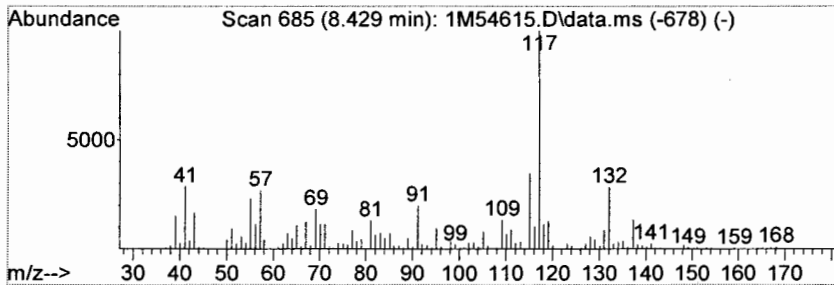
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	231.32 ug/l	1648357	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	70
2		1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	76
3		2,3-DIHYDRO-1-METHYLINDENE	132	C10H12	027133-93-3	62
4		1H-Indene, 2,3-dihydro-1-methyl-	132	C10H12	000767-58-8	70
5		1R-METHYL-2T-PHENYLCYCLOPROPANE	132	C10H12	005070-01-9	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
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 Operator : SG
 Sample : AC50034-008
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 ALS Vial : 32 Sample Multiplier: 1

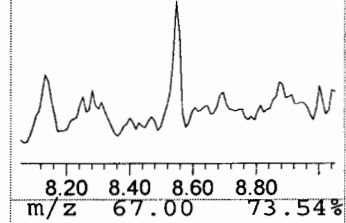
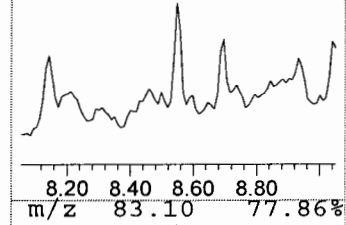
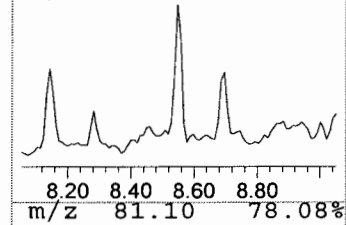
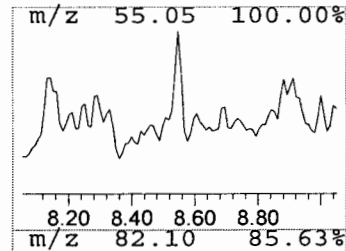
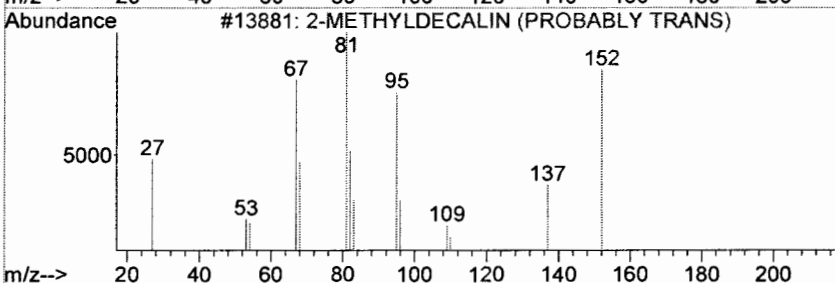
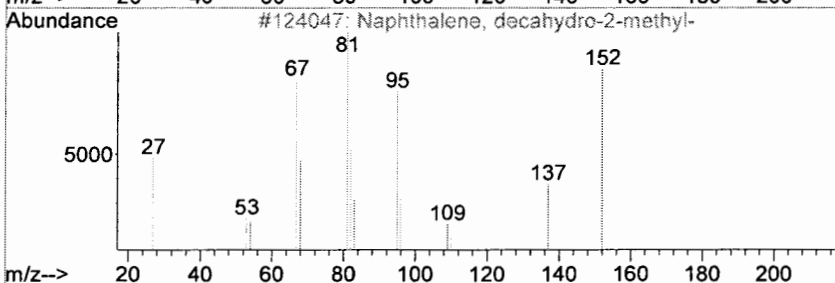
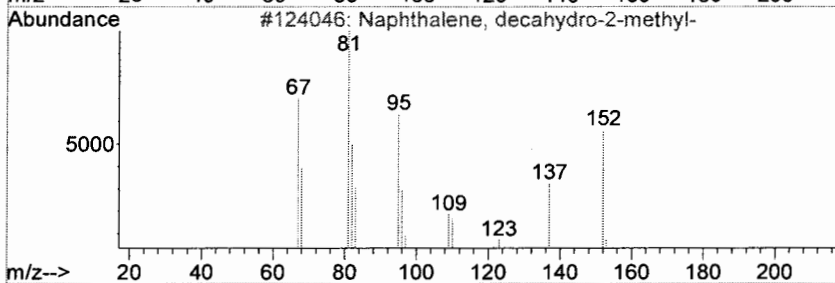
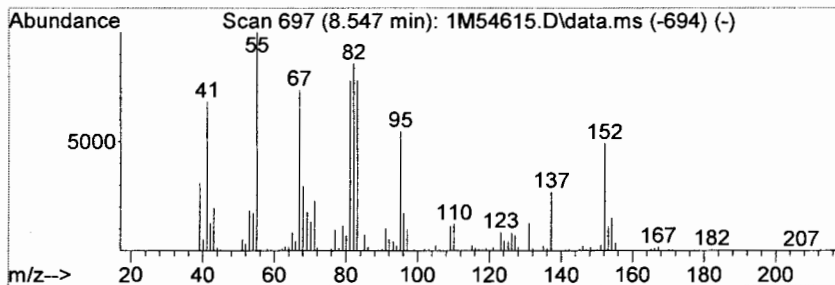
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	182.57 ug/l	1300973	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	43
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	95
4			2-allyl-2-methylcyclohexanone	152	C10H16O	016178-87-3	43
5			TRANS-ANTI-1-METHYL-DECAHYDRONAP...	152	C11H20	000000-00-0	50



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 ALS Vial : 32 Sample Multiplier: 1

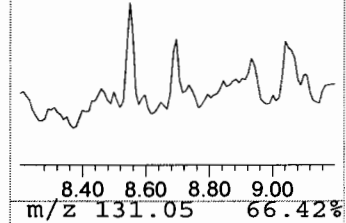
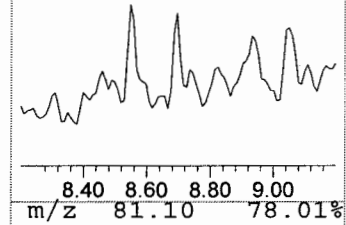
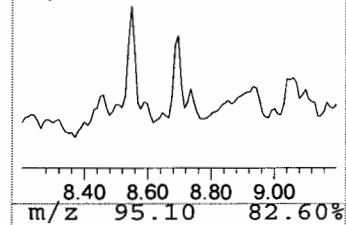
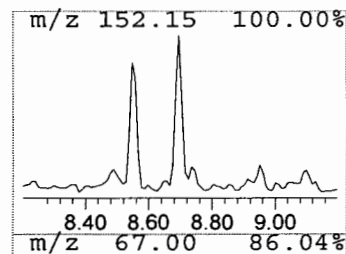
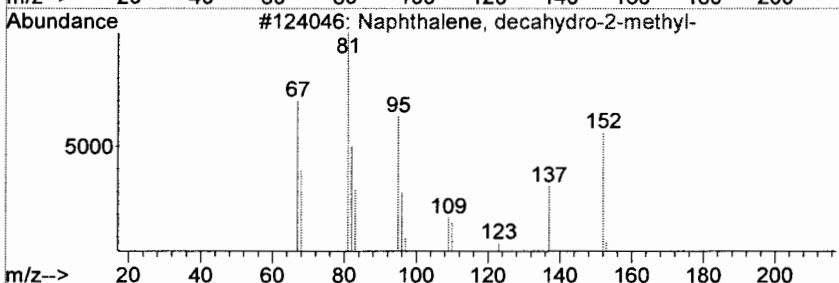
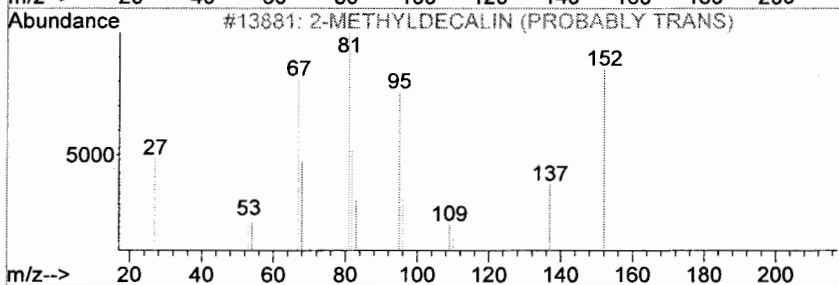
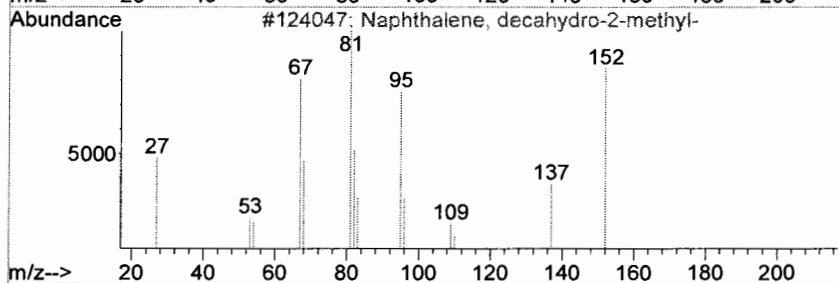
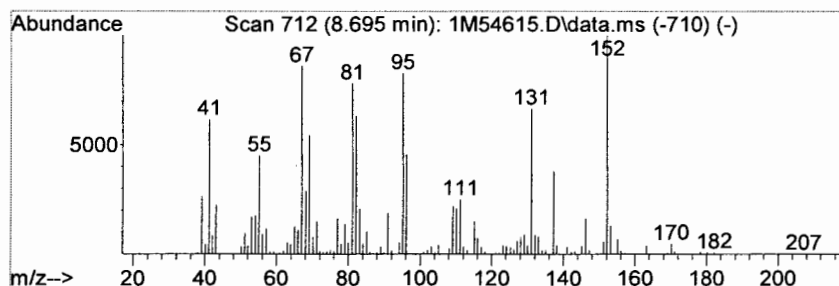
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	122.07 ug/l	869847	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	62
2			2-METHYLDECALIN (PROBABLY TRANS)	152	C11H20	002958-76-1	62
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	47
4			(-)-CIS-CARANON-(3)	152	C10H16O	004176-01-6	43
5			(-)-TRANS-CARANON-(3)	152	C10H16O	004176-04-9	43



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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 Sample : AC50034-008
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 ALS Vial : 32 Sample Multiplier: 1

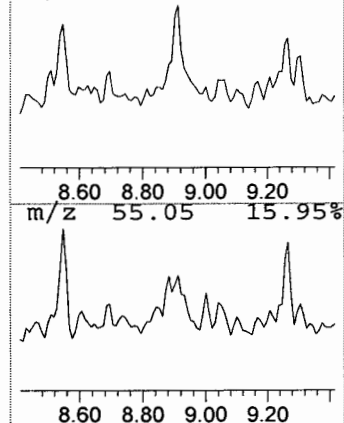
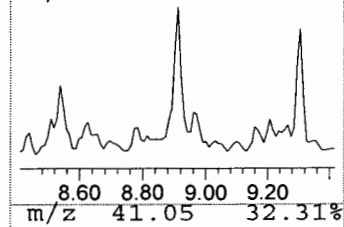
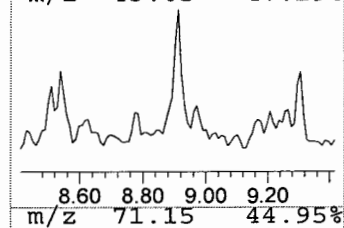
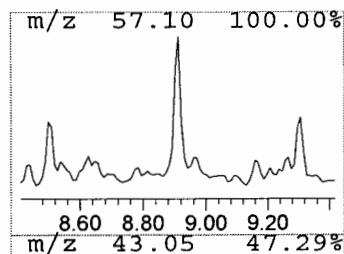
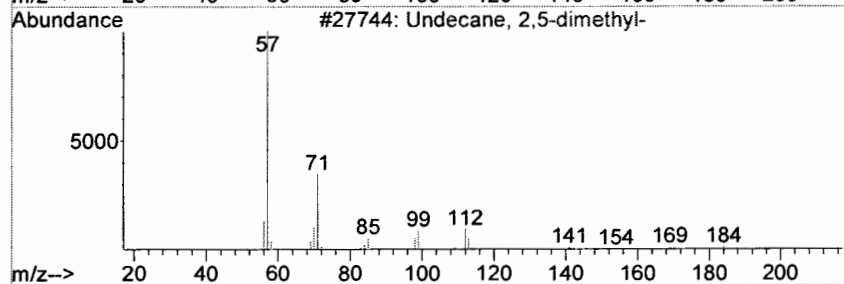
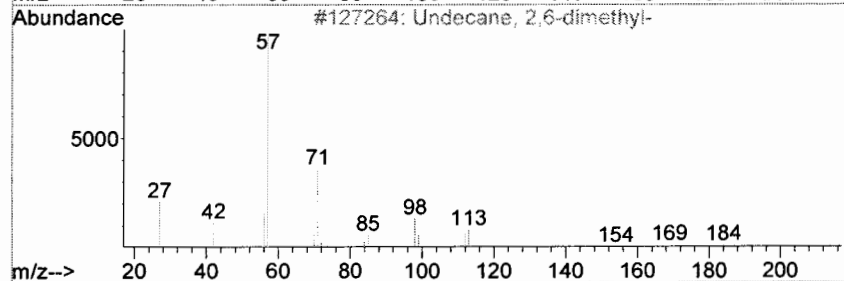
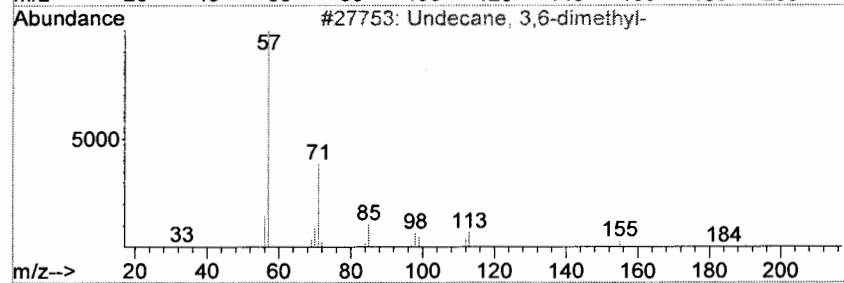
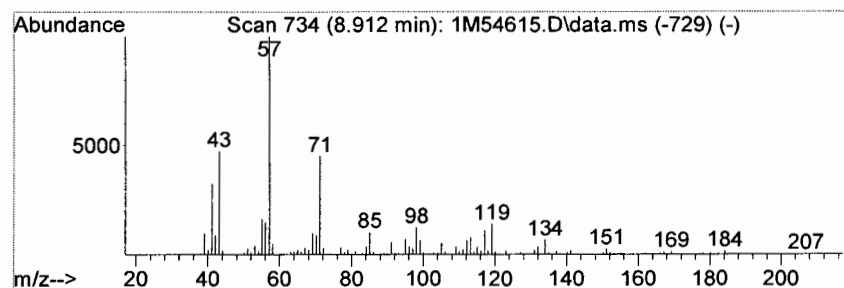
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 8 Undecane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	319.53 ug/l	2276899	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	35



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
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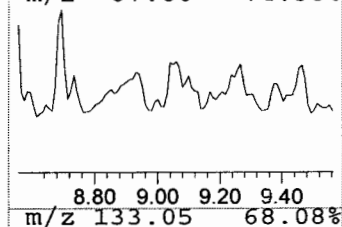
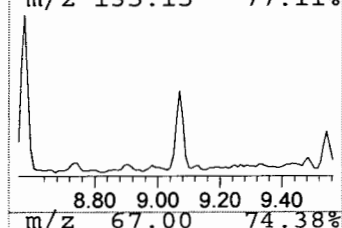
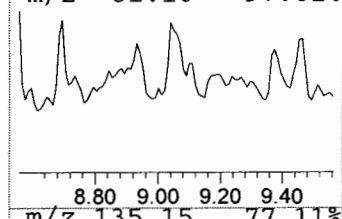
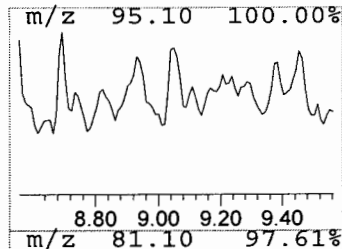
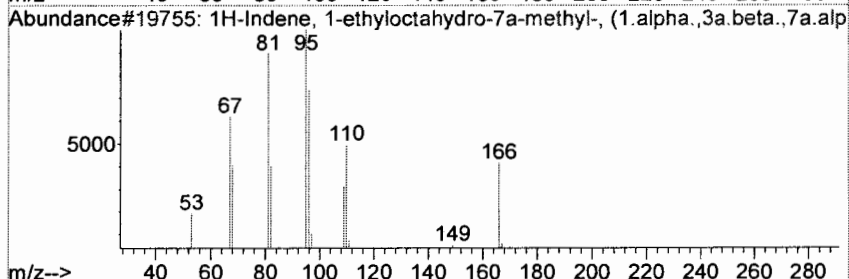
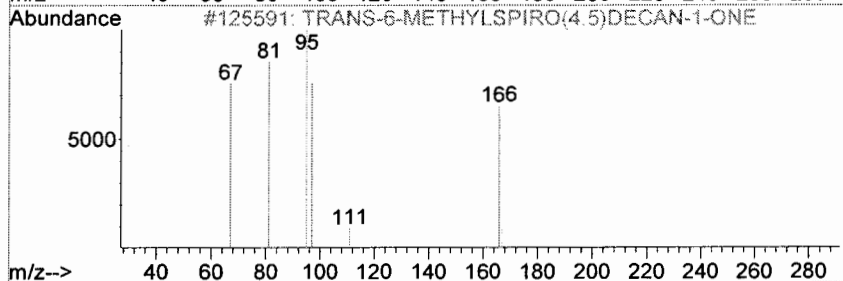
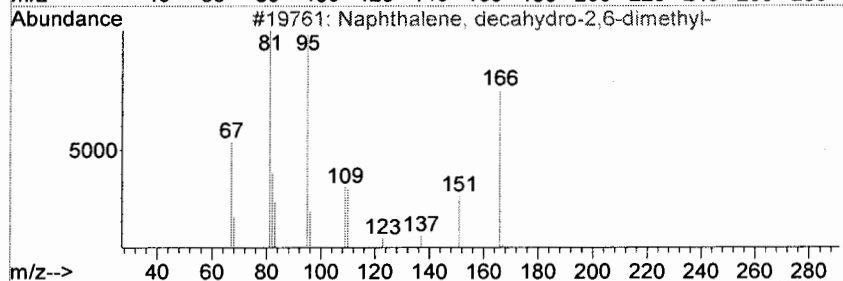
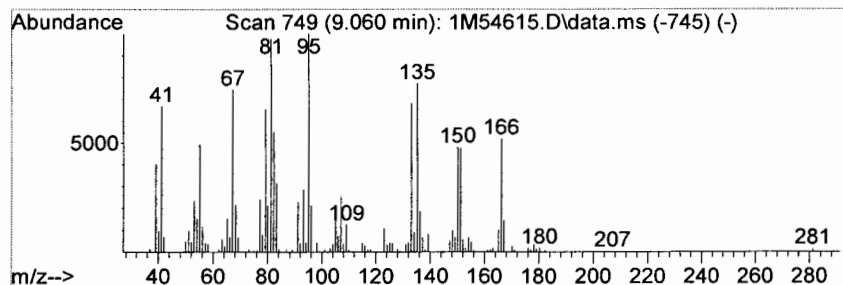
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 9 1H-Indene, 1-ethyloctahydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	110.77 ug/l	789351	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	43
2			TRANS-6-METHYLSPIRO(4.5)DECAN-1-ONE	166	C11H18O	035653-44-2	38
3			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	49
4			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	27
5			All-cis-10,10-Dimethyltricyclo[7...	178	C13H22	077948-98-2	22



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
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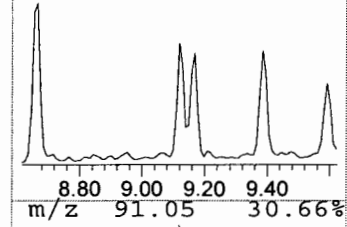
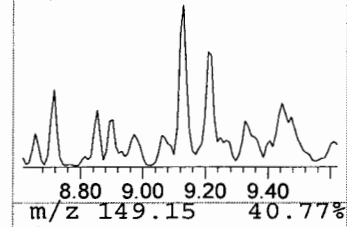
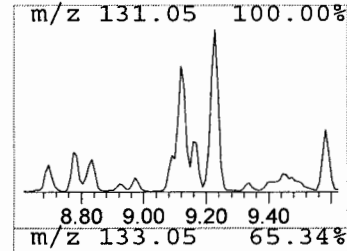
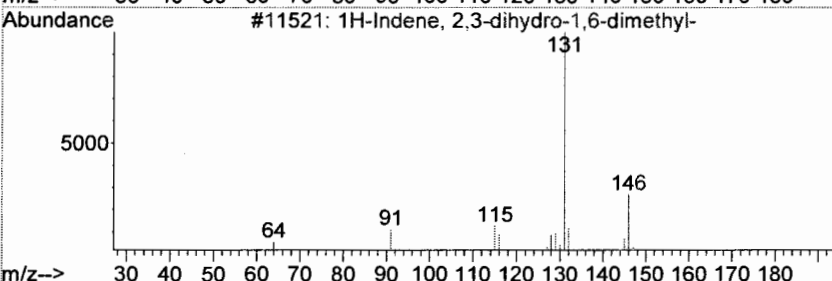
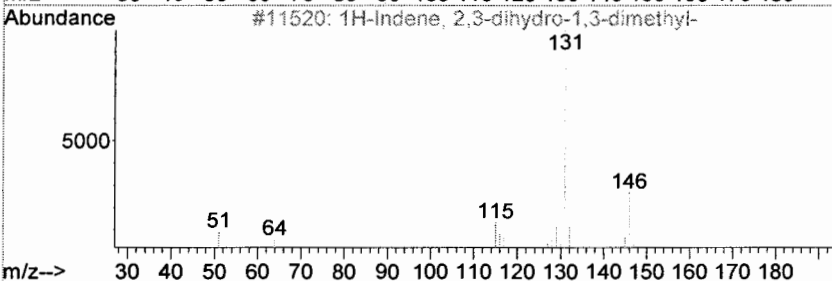
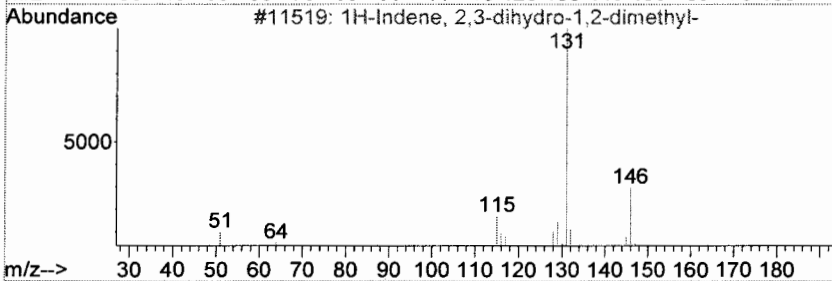
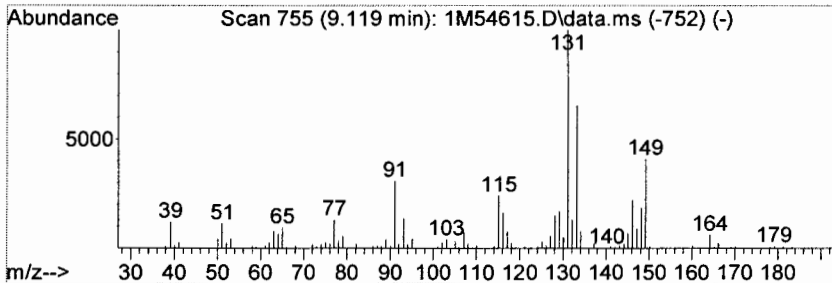
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	112.31 ug/l	800328	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
2			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	55
4			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
5			1-([13C]-Methyl)-1,2,3,4-tetrahy...	146	C10I3CH14	000000-00-0	38



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54615.D
Acq On : 26 Feb 2010 14:34
Operator : SG
Sample : AC50034-008
Misc : S,5G!3
ALS Vial : 32 Sample Multiplier: 1

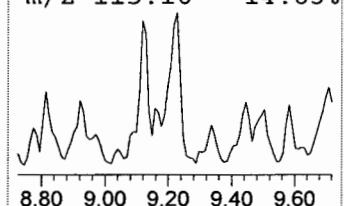
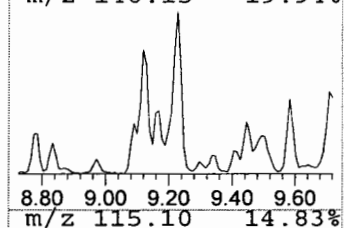
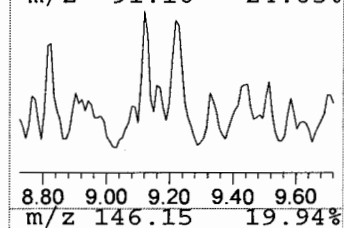
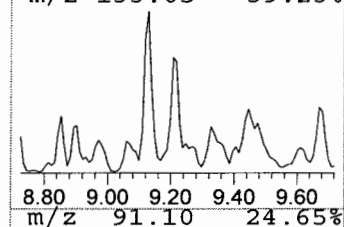
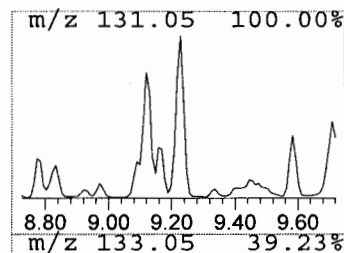
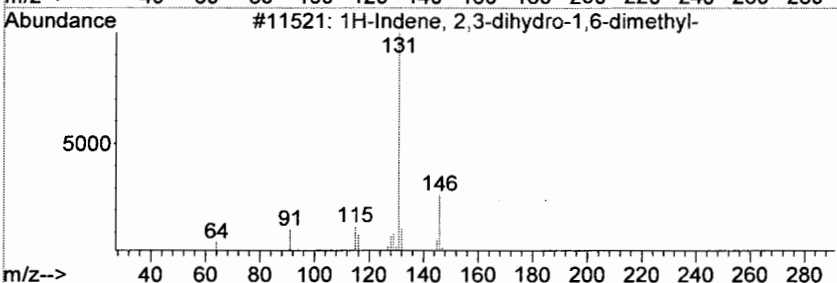
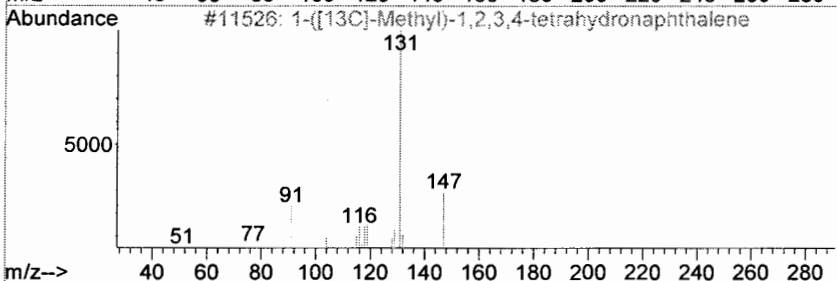
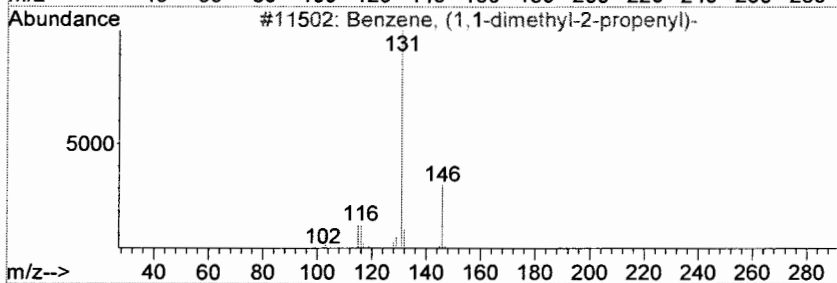
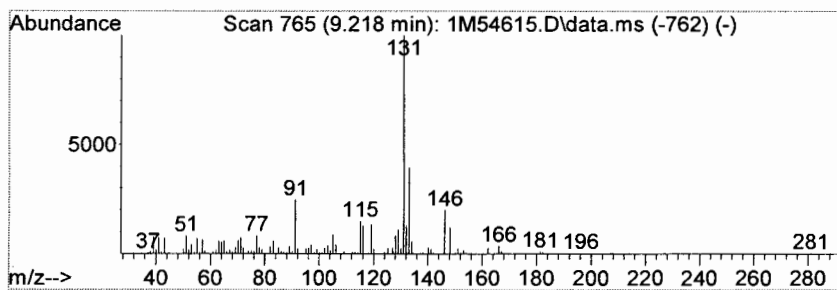
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Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 11 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	184.01 ug/l	1311198	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	35
2			1-([13C]-Methyl)-1,2,3,4-tetrahy...	146	C1013CH14	000000-00-0	47
3			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	30
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	60
5			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	47



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
 Acq On : 26 Feb 2010 14:34
 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 Sample Multiplier: 1

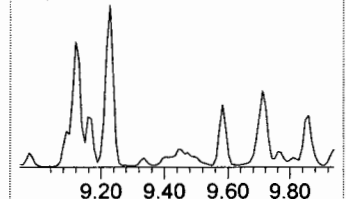
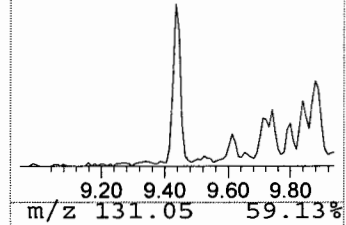
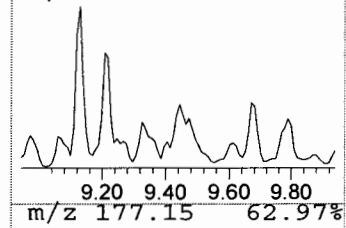
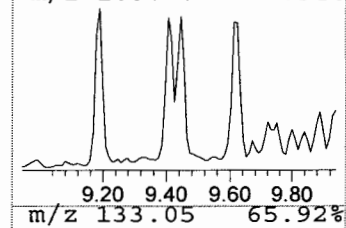
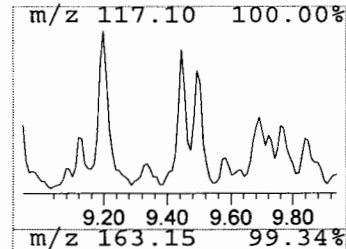
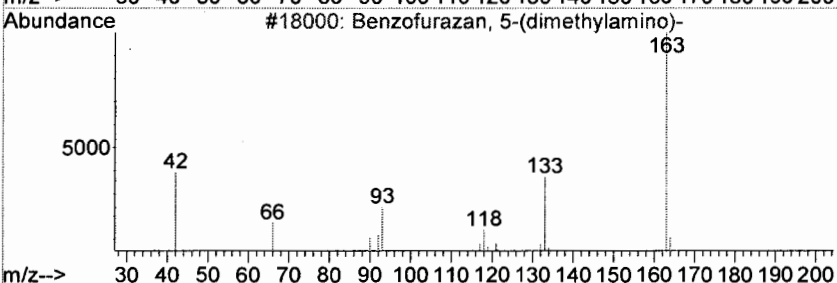
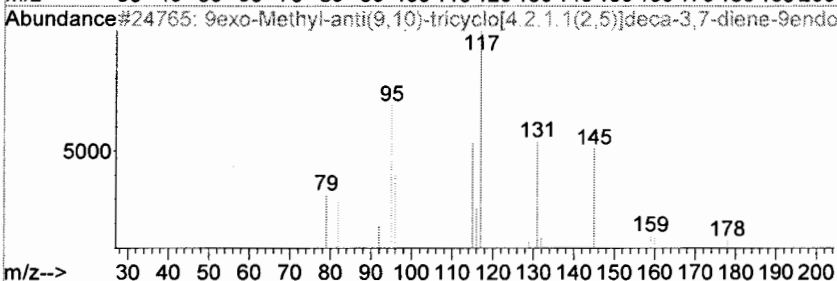
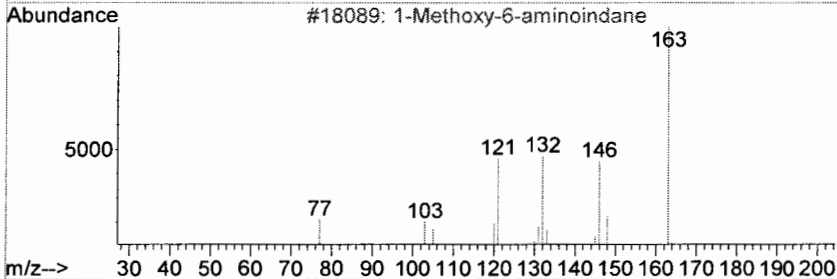
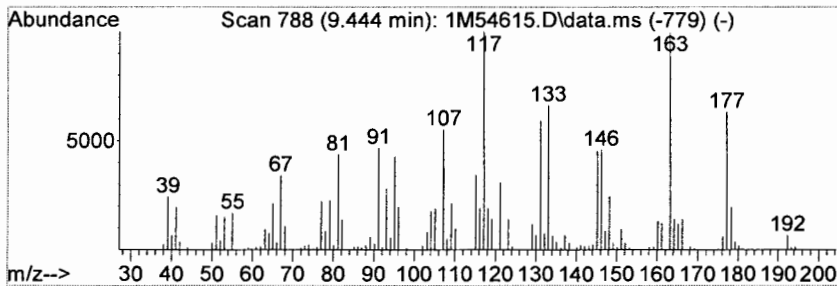
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 Quant Title : @GCMS_1,ug,624,8260

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

 Peak Number 12 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	181.90 ug/l	1296180	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methoxy-6-aminoindane	163	C10H13NO	076413-92-8	18
2			9exo-Methyl-anti(9,10)-tricyclo[...]	178	C11H14O2	078323-73-6	10
3			Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	11
4			4-Ethylindan	146	C11H14	066256-38-0	27
5			Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	10



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54615.D
Acq On : 26 Feb 2010 14:34
Operator : SG
Sample : AC50034-008
Misc : S,5G!3
ALS Vial : 32 Sample Multiplier: 1

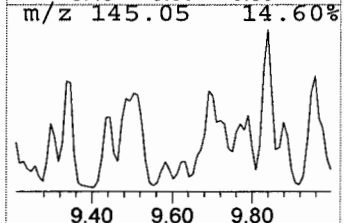
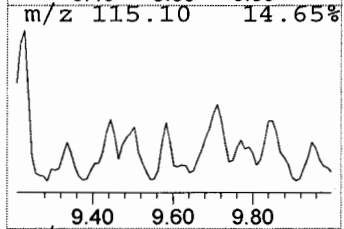
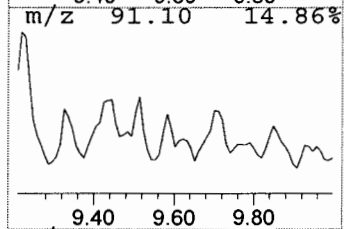
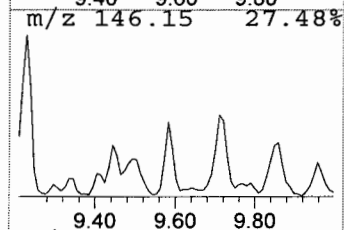
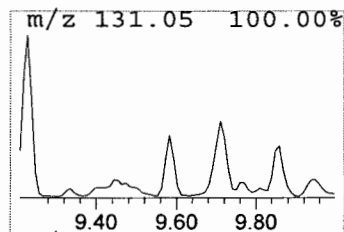
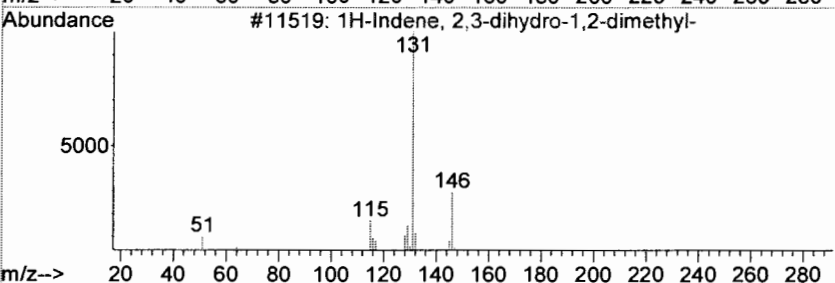
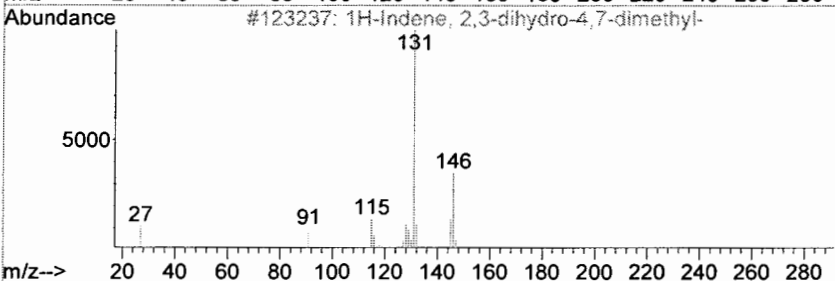
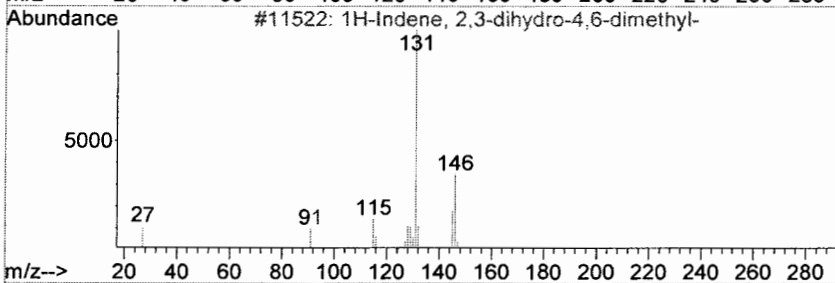
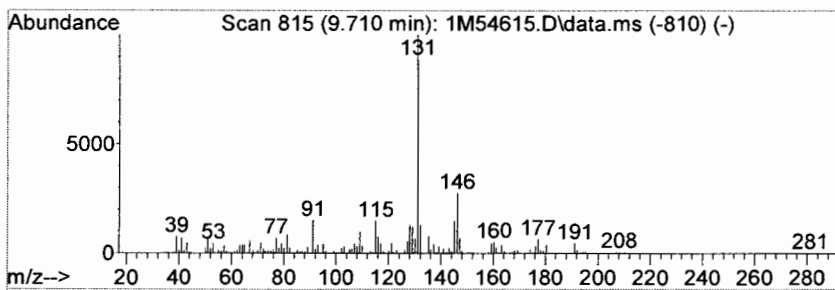
Quant Method : G:\GcMsData\2010\GCMS_1\MethodQt\1M_S0223.M
Quant Title : @GCMS_1,ug,624,8260

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

Peak Number 13 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	104.65 ug/l	745709	LibIS-1,4-Dichlorobenzene-d4	7.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54615.D
 Acq On : 26 Feb 2010 14:34
 Operator : SG
 Sample : AC50034-008
 Misc : S,5G!3
 ALS Vial : 32 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-----				
					#	ExpRT	ActRt	Resp	Conc
Cyclohexane, (1-m...	7.80	260.1	ug/l	1853245	3	7.89	7.89	213776	30.0
Cyclohexanone, 5-...	8.01	142.0	ug/l	1012079	3	7.89	7.89	213776	30.0
Naphthalene, deca...	8.14	255.9	ug/l	1823561	3	7.89	7.89	213776	30.0
Benzene, 1-methyl...	8.32	270.0	ug/l	1923813	3	7.89	7.89	213776	30.0
1H-Indene, 2,3-di...	8.43	231.3	ug/l	1648357	3	7.89	7.89	213776	30.0
Naphthalene, deca...	8.55	182.6	ug/l	1300973	3	7.89	7.89	213776	30.0
Naphthalene, deca...	8.70	122.1	ug/l	869847	3	7.89	7.89	213776	30.0
Undecane, 3,6-dim...	8.91	319.5	ug/l	2276899	3	7.89	7.89	213776	30.0
1H-Indene, 1-ethy...	9.06	110.8	ug/l	789351	3	7.89	7.89	213776	30.0
1H-Indene, 2,3-di...	9.12	112.3	ug/l	800328	3	7.89	7.89	213776	30.0
1H-Indene, 2,3-di...	9.22	184.0	ug/l	1311198	3	7.89	7.89	213776	30.0
unknown	9.44	181.9	ug/l	1296180	3	7.89	7.89	213776	30.0
1H-Indene, 2,3-di...	9.71	104.6	ug/l	745709	3	7.89	7.89	213776	30.0

GC/MS Volatile Data
Standards Data

Level #:	Data File:	Cal Identifier:	Analysis Date/Time								Level #:	Data File:	Cal Identifier:	Analysis Date/Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8				RF9	AvgRt	RT	Corr1	Corr2	%Rsd																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1	3M71370.	CAL @ 20 PPB									2	3M71372.	CAL @ 5 PPB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

* - ccc compound

** - spec compound

Note:

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

Avg Rsd: 10.6

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Calibration Level Concentrations																										
								Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8	Lv9																		
1	3M71370.	CAL @ 20 PPB	01/27/10 11:10	2	3M71372.	CAL @ 5 PPB	01/27/10 11:43	20.00	5.00	10.00	50.00	100.0	250.0	500.0																				
3	3M71371.	CAL @ 10 PPB	01/27/10 11:26	4	3M71369.	CAL @ 50 PPB	01/27/10 10:53	20.00	5.00	10.00	50.00	100.0	250.0	500.0																				
5	3M71368.	CAL @ 100 PPB	01/27/10 10:37	6	3M71367.	CAL @ 250 PPB	01/27/10 10:20	20.00	5.00	10.00	50.00	100.0	250.0	500.0																				
7	3M71366.	CAL @ 500 PPB	01/27/10 10:04	8	3M71375.	CAL @ 1 PPB	01/27/10 12:34	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00																			
9	3M71374.	CAL @ 0.5 PPB	01/27/10 12:18																															
Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd																	
Dibromomethane	1	0	Avg	0.1918	0.1963	0.1878	0.2396	0.2011	0.1886	0.1791	----	----	0.198	5.01	0.998	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,2-Dichloropropane	1	0	Avg	0.4091	0.3986	0.4032	0.5054	0.4401	0.4097	0.3951	----	----	0.423	4.93	0.999	0.999	9.3	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Trichloroethene	1	0	Avg	0.4275	0.4486	0.4478	0.5512	0.4654	0.4135	0.3790	----	----	0.448	4.79	0.996	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Benzene	1	0	LinF	1.4397	1.4163	1.4270	1.7605	1.5008	1.3637	1.2430	2.0269	----	1.52	4.40	0.996	0.999	17	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00									
tert-Amyl methyl ether	1	0	Avg	0.3626	0.3176	0.3533	0.4586	0.3991	0.3787	0.3478	----	----	0.374	4.45	0.997	1.00	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Dibromochloromethane	1	0	Avg	0.3909	0.4037	0.3980	0.4980	0.4197	0.4020	0.4223	----	----	0.419	6.05	0.999	0.999	8.7	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
2-Chloroethylvinylether	1	0	Avg	0.1776	0.1480	0.1605	0.2308	0.1997	0.2008	0.2116	----	----	0.190	5.26	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
cis-1,3-Dichloropropene	1	0	Avg	0.6681	0.6263	0.6609	0.8973	0.7865	0.7615	0.8041	----	----	0.746	5.37	0.999	0.999	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
trans-1,3-Dichloropropene	1	0	Avg	0.4767	0.4052	0.4484	0.6341	0.5440	0.5461	0.5804	----	----	0.519	5.69	0.999	1.00	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,1,2-Trichloroethane	1	0	Avg	0.2927	0.2782	0.2885	0.3508	0.2901	0.2768	0.2812	----	----	0.294	5.81	0.999	0.999	8.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,2-Dibromoethane	1	0	Avg	0.2846	0.3088	0.2979	0.3705	0.3097	0.3015	0.3073	----	----	0.312	6.14	0.999	0.999	8.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,3-Dichloropropane	1	0	Avg	0.5274	0.5318	0.5369	0.6644	0.5470	0.5024	0.4928	----	----	0.543	5.91	0.999	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
4-Methyl-2-Pentanone	1	0	Avg	0.2619	0.2411	0.2405	0.3181	0.2798	0.2882	0.2988	----	----	0.276	5.45	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
2-Hexanone	1	0	Avg	0.1824	0.1656	0.1649	0.2237	0.1922	0.1925	0.1984	----	----	0.189	5.94	1.00	1.00	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Tetrachloroethene	1	0	Avg	0.5518	0.5466	0.5575	0.6619	0.5679	0.5116	0.4890	----	----	0.555	5.90	0.998	0.999	9.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Toluene-d8	1	0	Avg	0.9175	0.9172	0.8702	0.8615	0.8893	0.8960	0.9521	0.8657	0.8886	0.895	5.53	-1	-1	3.3	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00								
Toluene	1	0	LinF	1.2616	1.3649	1.2631	1.5288	1.2824	1.1734	1.1273	2.0271	----	1.38	5.57	0.998	0.999	21	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00									
1,1,1,2-Tetrachloroethene	1	0	Avg	0.3955	0.3926	0.4019	0.4918	0.4047	0.3634	0.3443	----	----	0.399	6.46	0.998	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Chlorobenzene	1	0	Avg	1.3062	1.3961	1.3450	1.6085	1.3498	1.2643	1.2158	----	----	1.36	6.42	0.999	0.999	9.3	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Bromoform	1	0	Avg	0.4598	0.4569	0.4381	0.5918	0.4864	0.4700	0.5094	----	----	0.488	6.92	0.998	0.999	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Ethylbenzene	1	0	Avg	1.2774	1.3621	1.2242	1.6014	1.2218	1.0336	----	----	----	1.30	6.47	0.986	0.997	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00									
1,1,2,2-Tetrachloroethene	1	0	Avg	0.6439	0.6335	0.6219	0.8127	0.6573	0.6254	0.6503	----	----	0.664	7.17	0.999	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Bromofluorobenzene	1	0	Avg	0.8525	0.8673	0.8533	0.8830	0.8626	0.8816	0.9133	----	----	0.868	7.10	-1	-1	2.9	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00									
Styrene	1	0	Avg	2.5716	2.4788	2.4835	3.2942	2.6820	2.2869	2.0560	----	----	2.56	6.78	0.993	0.998	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
m&p-Xylenes	1	0	Avg	1.7115	1.6885	1.7599	2.1259	1.6853	1.4377	----	----	----	1.80	6.53	0.989	0.998	14	40.00	10.00	20.00	100.0	200.0	500.0		2.00									
o-Xylene	1	0	LinF	1.5732	1.5475	1.6229	2.0301	1.6339	1.4230	1.2866	2.0274	----	1.64	6.78	0.994	0.999	16	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00									
trans-1,4-Dichloro-2-butene	1	0	Avg	0.1971	0.2408	0.2004	0.2585	0.2055	0.1952	0.1941	----	----	0.213	7.19	0.999	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,3-Dichlorobenzene	1	0	Avg	1.9327	2.0571	2.0425	2.4504	2.0108	1.8094	1.7223	----	----	2.00	7.78	0.998	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,4-Dichlorobenzene	1	0	Avg	1.9583	2.1017	2.0035	2.4401	1.9783	1.8563	1.7934	----	----	2.02	7.84	0.999	0.999	10	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
1,2-Dichlorobenzene	1	0	Avg	1.5708	1.7590	1.6574	2.0574	1.6724	1.5583	1.5561	----	----	1.69	8.08	0.999	0.999	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
Isopropylbenzene	1	0	Avg	4.6858	4.1840	4.3620	5.9678	4.9264	4.4992	4.3342	4.2174	----	4.65	6.99	0.998	0.999	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00									
Cyclohexanone	1	0	Avg	0.0153	0.0190	0.0180	0.0174	0.0148	0.0158	0.0162	----	----	0.016	7.07	0.999	1.00	9.4	100.0	25.00	50.00	250.0	500.0	1250.	2500.										
1,2,3-Trichloropropane	1	0	Avg	0.7089	0.7292	0.7151	0.9118	0.7520	0.7141	0.7126	----	----	0.749	7.21	0.999	0.999	9.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
2-Chlorotoluene	1	0	Avg	2.7534	2.8551	2.5742	3.4449	2.7893	2.3652	----	----	----	2.80	7.31	0.989	0.998	13	20.00	5.00	10.00	50.00	100.0	250.0											
p-Ethyltoluene	1	0	Avg	4.9494	4.4699	4.8237	6.1628	5.0255	4.4262	4.0903	----	----	4.85	7.30	0.996	0.999	14	20.00	5.00	10.00	50.00	100.0	250.0	500.0										
4-Chlorotoluene	1	0	Avg	2.4189	2.4271	2.3150	3.0798	2.6030	2.2989	2.3503	----	----	2.50																					

Flags

a - failed the spec criteria

* - ccc compound

b - failed the ccc criteria

** - spec compound

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

Note:

Avg Rsd: 10.6

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

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

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	3M71370.	CAL @ 20 PPB	01/27/10 11:10	2	3M71372.	CAL @ 5 PPB	01/27/10 11:43
3	3M71371.	CAL @ 10 PPB	01/27/10 11:26	4	3M71369.	CAL @ 50 PPB	01/27/10 10:53
5	3M71368.	CAL @ 100 PPB	01/27/10 10:37	6	3M71367.	CAL @ 250 PPB	01/27/10 10:20
7	3M71366.	CAL @ 500 PPB	01/27/10 10:04	8	3M71375.	CAL @ 1 PPB	01/27/10 12:34
9	3M71374.	CAL @ 0.5 PPB	01/27/10 12:18				

Compound	Col	Mr	Fit	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
sec-Butylbenzene	1	0	Lin	5.0999	4.3741	4.7600	6.6420	5.4877	5.0159	4.7189	3.7071	----	4.98	7.69	0.997	0.999	17	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
4-Isopropyltoluene	1	0	LinF	3.8472	3.4586	3.6096	4.9894	4.0259	3.6934	3.3570	3.0617	----	3.76	7.77	0.996	0.999	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
n-Butylbenzene	1	0	LinF	5.0406	4.3055	4.6180	6.2947	5.2112	4.7606	4.4467	3.6222	----	4.79	8.02	0.997	0.999	16	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	
o-Diethylbenzene	1	0	Avg	2.4786	2.2290	2.3327	3.2494	2.6669	2.4189	2.1764	----	----	2.51	8.01	0.995	0.999	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1,2,4,5-Tetramethylbenzene	1	0	LinF	3.0750	2.5814	2.8457	4.1724	3.5360	3.2556	3.1693	----	----	3.23	8.51	0.999	0.999	16	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1,2-Dibromo-3-Chlorobenzene	1	0	Avg	0.1000	0.1122	0.0895	0.1186	0.0981	0.0969	0.0977	----	----	0.102	8.58	0.999	1.00	9.8	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Hexachlorobutadiene	1	0	Avg	0.9390	0.7328	0.8355	1.1816	0.9970	0.9350	0.9067	----	----	0.933	9.20	0.999	0.999	15	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1,2,4-Trichlorobenzene	1	0	Avg	1.1006	0.9781	1.0492	1.3844	1.1819	1.0828	1.0962	----	----	1.12	9.11	0.999	0.999	12	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
1,2,3-Trichlorobenzene	1	0	Avg	0.9503	0.9196	0.9007	1.1794	0.9487	0.8782	0.8894	----	----	0.952	9.45	0.999	0.999	11	20.00	5.00	10.00	50.00	100.0	250.0	500.0		
Naphthalene	1	0	Avg	1.3764	1.2914	1.3795	1.8036	1.4641	1.3505	1.3630	1.7432	----	1.47	9.29	0.999	0.999	13	20.00	5.00	10.00	50.00	100.0	250.0	500.0	1.00	

Flags

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

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.

Avg Rsd: 10.6

SampleID : CAL @ 20 PPB
 Data File: 3M71370.D
 Acq On : 01/27/10 11:10

Operator : WP
 Sam Mult : 1 Vial# : 12
 Misc : S,5g

Qt Meth : 3M_S0127.M
 Qt On : 01/27/10 11:36
 Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.567	96	277224	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.401	117	192090	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.820	152	96886	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.128	111	71254	28.70	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.67%		
35) 1,2-Dichloroethane-d4	4.356	102	9930	28.05	ug/l	-0.01
Spiked Amount 30.000			Recovery =	93.50%		
59) Toluene-d8	5.529	100	176251	30.15	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.50%		
67) Bromofluorobenzene	7.098	174	82601	29.71	ug/l	-0.01
Spiked Amount 30.000			Recovery =	99.03%		
Target Compounds						
5) Chlorodifluoromethane	1.292	51	123976	16.39	ug/l	1
6) Dichlorodifluoromethane	1.275	85	110700	20.00	ug/l	92
7) Chloromethane	1.408	50	85040	16.29	ug/l	98
8) Bromomethane	1.724	94	33084	18.59	ug/l	98
9) Vinyl Chloride	1.475	62	56308	17.20	ug/l	92
10) Chloroethane	1.791	64	29519	16.15	ug/l	95
11) Trichlorofluoromethane	1.973	101	67215	18.24	ug/l	96
12) 1,1,2-Trichloro-1,2,2-...	2.366	101	62845	19.62	ug/l	94
13) Methylene Chloride	2.751	84	55493	18.35	ug/l	76
14) Acrolein	2.312	56	23912	94.60	ug/l	99
15) Acrylonitrile	2.949	53	10198	19.70	ug/l	86
16) Iodomethane	2.498	142	106886	19.07	ug/l	70
17) Acetone	2.432	43	40470	99.83	ug/l	99
18) Carbon Disulfide	2.552	76	201412	18.50	ug/l	100
19) t-Butyl Alcohol	2.841	59	6457	90.27	ug/l	89
20) n-Hexane	3.166	57	114917	21.08	ug/l	87
21) Di-isopropyl-ether	3.340	45	233851	20.48	ug/l	82
22) 1,1-Dichloroethane	2.372	61	138497	20.11	ug/l	91
23) Methyl Acetate	2.672	43	25562	20.23	ug/l	100
24) Methyl-t-butyl ether	2.955	73	62731	17.71	ug/l	70
25) 1,1-Dichloroethane	3.298	63	137496	19.64	ug/l	98
26) trans-1,2-Dichloroethene	2.961	96	64834	19.79	ug/l	78
27) cis-1,2-Dichloroethene	3.779	61	120717	19.93	ug/l	92
28) Bromochloromethane	3.965	49	53575	18.72	ug/l	79
29) 2,2-Dichloropropane	3.779	77	66600	17.41	ug/l	97
30) 1,4-Dioxane	5.012	88	11155	922.41	ug/l	77
31) 1,1-Dichloropropene	4.254	75	115468	20.91	ug/l	98
32) Chloroform	4.013	83	107836	18.95	ug/l	99
34) Cyclohexane	4.182	56	155435	21.90	ug/l	85
36) 1,2-Dichloroethane	4.410	62	68655	19.31	ug/l	99
37) 2-Butanone	3.791	43	17758	20.37	ug/l	73
38) 1,1,1-Trichloroethane	4.146	97	88502	18.69	ug/l	94
39) Carbon Tetrachloride	4.260	117	87674	19.92	ug/l	94
40) Vinyl Acetate	3.340	43	180088	19.97	ug/l	100
41) Bromodichloromethane	5.096	83	83239	19.14	ug/l	92
42) Methylcyclohexane	4.909	83	133624	20.75	ug/l	76
43) Dibromomethane	5.012	174	35454	19.46	ug/l	95
44) 1,2-Dichloropropane	4.933	63	75614	20.61	ug/l	98
45) Trichloroethene	4.789	130	79019	19.81	ug/l	91
46) Benzene	4.398	78	266085	21.54	ug/l	100
47) tert-Amyl methyl ether	4.452	73	67019	16.38	ug/l	97
49) Dibromochloromethane	6.052	129	50059	17.44	ug/l	98
50) 2-Chloroethylvinylether	5.264	63	22743	18.50	ug/l	75
51) cis-1,3-Dichloropropene	5.366	75	88118	17.51	ug/l	98
52) trans-1,3-Dichloropropene	5.691	75	61055	16.74	ug/l	100
53) 1,1,2-Trichloroethane	5.811	97	37490	19.23	ug/l	98
54) 1,2-Dibromoethane	6.136	107	36458	17.26	ug/l	87
55) 1,3-Dichloropropane	5.914	76	67539	18.70	ug/l	95
56) 4-Methyl-2-Pentanone	5.451	43	33550	18.65	ug/l	93
57) 2-Hexanone	5.938	43	23361	19.67	ug/l	81
58) Tetrachloroethene	5.902	164	70674	19.49	ug/l	94
60) Toluene	5.571	92	161564	19.76	ug/l	94
61) 1,1,1,2-Tetrachloroethane	6.461	133	50648	18.43	ug/l	93
62) Chlorobenzene	6.419	112	167279	18.96	ug/l	98
64) Bromoform	6.918	173	29702	17.69	ug/l	95
65) Ethylbenzene	6.467	106	82512	22.16	ug/l	92
66) 1,1,2,2-Tetrachloroethane	7.170	83	41593	19.00	ug/l	85
68) Styrene	6.780	104	166107	19.32	ug/l	93
69) m&p-Xylenes	6.533	106	221097	41.27	ug/l	99

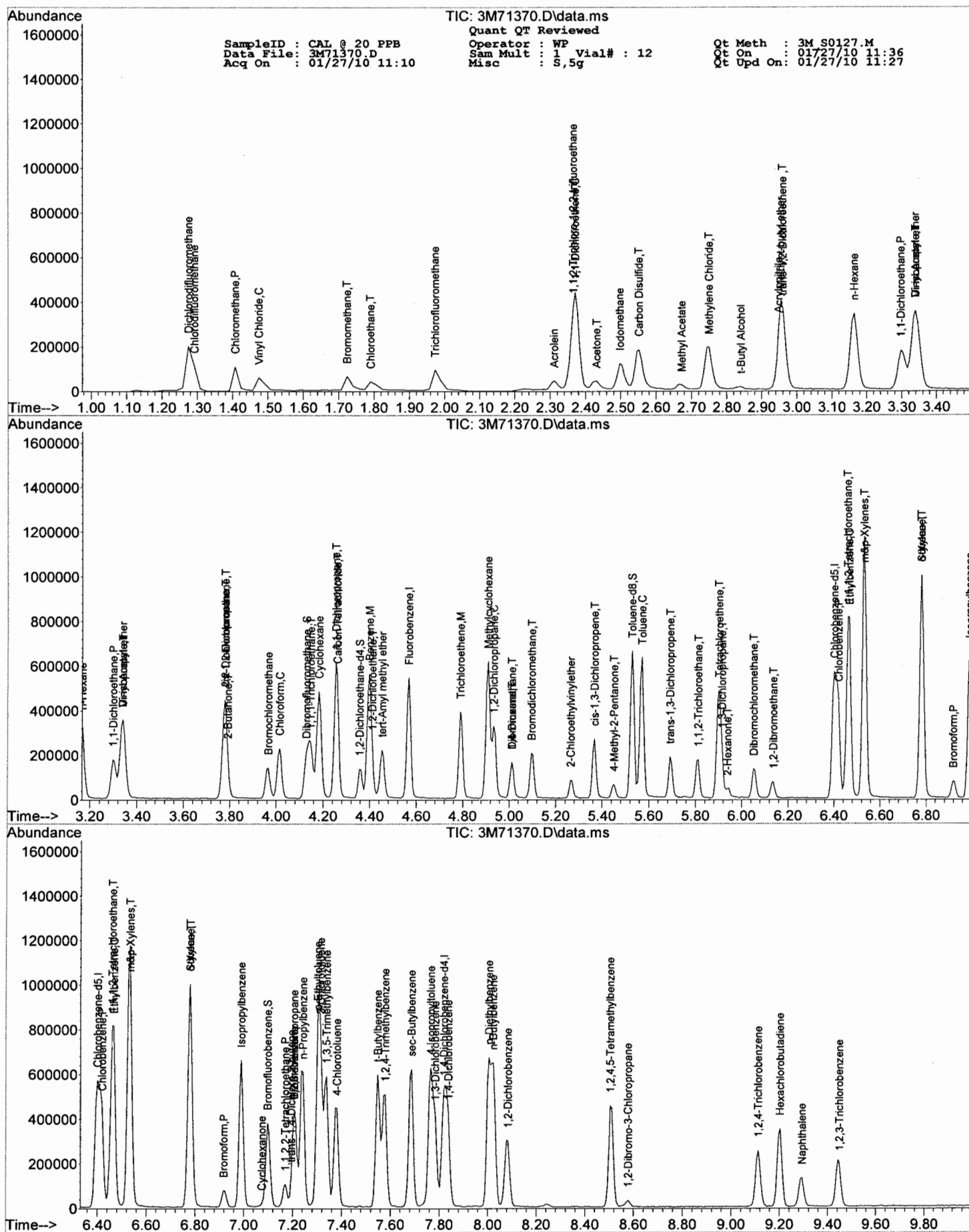
Quantitation Report (QT Reviewed)

SampleID : CAL @ 20 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71370.D Sam Mult : 1 Vial# : 12 Qt On : 01/27/10 11:36
 Acq On : 01/27/10 11:10 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.780	106	101619	19.81	ug/l	87
71) trans-1,4-Dichloro-2-b...	7.194	53	12734	17.70	ug/l	83
72) 1,3-Dichlorobenzene	7.784	146	124836	18.68	ug/l	98
73) 1,4-Dichlorobenzene	7.838	146	126490	18.82	ug/l	97
74) 1,2-Dichlorobenzene	8.084	146	101464	17.87	ug/l	99
75) Isopropylbenzene	6.990	105	302662	20.81	ug/l	98
76) Cyclohexanone	7.074	55	4941	96.09	ug/l	84
77) 1,2,3-Trichloropropane	7.206	75	45793	17.61	ug/l	88
78) 2-Chlorotoluene	7.315	91	177849	20.21	ug/l	97
79) p-Ethyltoluene	7.303	105	319686	20.45	ug/l	93
80) 4-Chlorotoluene	7.381	91	156242	18.52	ug/l	98
81) n-Propylbenzene	7.243	91	377481	20.60	ug/l	100
82) Bromobenzene	7.206	77	128797	19.24	ug/l	94
83) 1,3,5-Trimethylbenzene	7.339	105	232119	20.81	ug/l	52
84) t-Butylbenzene	7.549	119	228370	20.71	ug/l	97
85) 1,2,4-Trimethylbenzene	7.579	105	223519	20.11	ug/l	90
86) sec-Butylbenzene	7.688	105	329408	20.74	ug/l	95
87) 4-Isopropyltoluene	7.766	119	248498	20.99	ug/l	98
88) n-Butylbenzene	8.024	91	325581	21.49	ug/l	97
89) p-Diethylbenzene	8.006	119	160100	20.54	ug/l	99
90) 1,2,4,5-Tetramethylben...	8.505	119	198621	19.52	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	8.578	157	6459	16.17	ug/l	98
92) Hexachlorobutadiene	9.203	225	60654	19.50	ug/l	97
93) 1,2,4-Trichlorobenzene	9.113	180	71089	19.73	ug/l	98
94) 1,2,3-Trichlorobenzene	9.449	180	61382	20.42	ug/l	99
95) Naphthalene	9.293	128	88906	19.61	ug/l	100

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



SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71372.D Sam Mult : 1 Vial# : 14 Qt On : 01/27/10 12:29
 Acq On : 01/27/10 11:43 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GCMSData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.567	96	267537	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.401	117	185116	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.820	152	94649	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.128	111	71248	29.74	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.13%		
35) 1,2-Dichloroethane-d4	4.362	102	9928	29.06	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.87%		
59) Toluene-d8	5.529	100	169791	30.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.47%		
67) Bromofluorobenzene	7.098	174	82093	30.22	ug/l	-0.01
Spiked Amount 30.000			Recovery =	100.73%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.292	51	36572	5.01	ug/l	1
6) Dichlorodifluoromethane	1.275	85	26751	5.01	ug/l	91
7) Chloromethane	1.408	50	24101	4.78	ug/l	91
8) Bromomethane	1.724	94	8752	5.09	ug/l	93
9) Vinyl Chloride	1.474	62	14220	4.50	ug/l	93
10) Chloroethane	1.790	64	6855	3.89	ug/l	87
11) Trichlorofluoromethane	1.973	101	16116	4.53	ug/l	96
12) 1,1,2-Trichloro-1,2,2-...	2.366	101	16404	5.31	ug/l	95
13) Methylene Chloride	2.751	84	14578	4.99	ug/l	92
14) Acrolein	2.312	56	6189	25.37	ug/l	91
15) Acrylonitrile	2.949	53	2782	5.57	ug/l	60
16) Iodomethane	2.498	142	25320	4.68	ug/l	56
17) Acetone	2.432	43	10984	28.08	ug/l	81
18) Carbon Disulfide	2.552	76	52663	5.01	ug/l	100
19) t-Butyl Alcohol	2.841	59	1252	18.14	ug/l	95
20) n-Hexane	3.166	57	25048	4.76	ug/l	91
21) Di-isopropyl-ether	3.340	45	51284	4.65	ug/l	78
22) 1,1-Dichloroethene	2.372	61	34688	5.22	ug/l	92
23) Methyl Acetate	2.667	43	6246	5.12	ug/l	100
24) Methyl-t-butyl ether	2.955	73	13519m	3.95	ug/l	
25) 1,1-Dichloroethane	3.298	63	33689	4.99	ug/l	90
26) trans-1,2-Dichloroethene	2.955	96	16003	5.06	ug/l	73
27) cis-1,2-Dichloroethene	3.779	61	28230	4.83	ug/l	94
28) Bromochloromethane	3.959	49	13403	4.85	ug/l	74
29) 2,2-Dichloropropane	3.779	77	15377	4.17	ug/l	94
30) 1,4-Dioxane	5.018	88	2748	235.46	ug/l	94
31) 1,1-Dichloropropene	4.254	75	28641	5.37	ug/l	91
32) Chloroform	4.014	83	26735	4.87	ug/l	95
34) Cyclohexane	4.182	56	34053	4.97	ug/l	84
36) 1,2-Dichloroethane	4.410	62	16756	4.88	ug/l	100
37) 2-Butanone	3.785	43	5029	5.98	ug/l	49
38) 1,1,1-Trichloroethane	4.146	97	22306	4.88	ug/l	91
39) Carbon Tetrachloride	4.260	117	22174	5.22	ug/l	88
40) Vinyl Acetate	3.340	43	42388	4.87	ug/l	100
41) Bromodichloromethane	5.096	83	20272	4.83	ug/l	91
42) Methylcyclohexane	4.910	83	29830	4.80	ug/l	74
43) Dibromomethane	5.012	174	8755	4.98	ug/l	91
44) 1,2-Dichloropropane	4.934	63	17777	5.02	ug/l	97
45) Trichloroethene	4.789	130	20004	5.20	ug/l	94
46) Benzene	4.398	78	63152	5.30	ug/l	100
47) tert-Amyl methyl ether	4.453	73	14162	3.59	ug/l	89
49) Dibromochloromethane	6.052	129	12457	4.50	ug/l	97
50) 2-Chloroethylvinylether	5.264	63	4569	3.86	ug/l	93
51) cis-1,3-Dichloropropene	5.367	75	19325	3.99	ug/l	92
52) trans-1,3-Dichloropropene	5.697	75	12504	3.56	ug/l	94
53) 1,1,2-Trichloroethane	5.806	97	8584	4.57	ug/l	94
54) 1,2-Dibromoethane	6.136	107	9529	4.68	ug/l	88
55) 1,3-Dichloropropane	5.914	76	16408	4.71	ug/l	98
56) 4-Methyl-2-Pentanone	5.451	43	7439	4.29	ug/l	85
57) 2-Hexanone	5.938	43	5110	4.47	ug/l	86
58) Tetrachloroethene	5.902	164	16865	4.83	ug/l	80
60) Toluene	5.571	92	42113	5.35	ug/l	92
61) 1,1,1,2-Tetrachloroethane	6.455	133	12114	4.57	ug/l	93
62) Chlorobenzene	6.419	112	43074	5.07	ug/l	91
64) Bromoform	6.918	173	7208	4.39	ug/l	92
65) Ethylbenzene	6.467	106	21488	5.91	ug/l	88
66) 1,1,2,2-Tetrachloroethane	7.171	83	9994	4.67	ug/l	80
68) Styrene	6.786	104	39104	4.66	ug/l	86
69) m&p-Xylenes	6.533	106	53274	10.18	ug/l	97

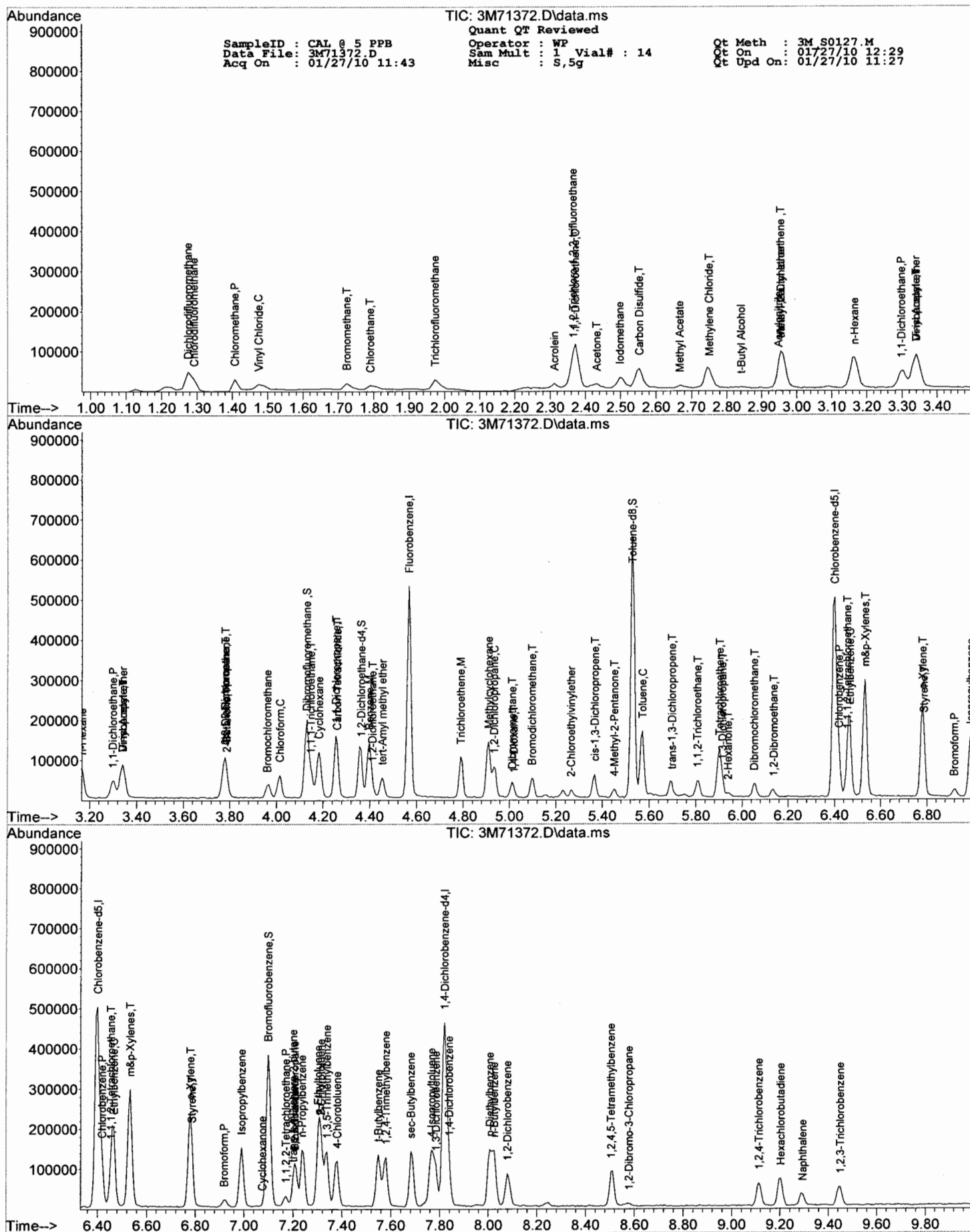
Quantitation Report (QT Reviewed)

SampleID : CAL @ 5 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71372.D Sam Mult : 1 Vial# : 14 Qt On : 01/27/10 12:29
 Acq On : 01/27/10 11:43 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GCMSData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.780	106	24413	4.87	ug/l	97
71) trans-1,4-Dichloro-2-b...	7.201	53	3800	5.41	ug/l	61
72) 1,3-Dichlorobenzene	7.784	146	32451	4.97	ug/l	98
73) 1,4-Dichlorobenzene	7.838	146	33154	5.05	ug/l	85
74) 1,2-Dichlorobenzene	8.079	146	27749	5.00	ug/l	95
75) Isopropylbenzene	6.990	105	66003	4.64	ug/l	99
76) Cyclohexanone	7.074	55	1506m	29.98	ug/l	
77) 1,2,3-Trichloropropane	7.207	75	11504	4.53	ug/l	86
78) 2-Chlorotoluene	7.315	91	45040	5.24	ug/l	98
79) p-Ethyltoluene	7.303	105	70512	4.62	ug/l	95
80) 4-Chlorotoluene	7.381	91	38288	4.64	ug/l	95
81) n-Propylbenzene	7.237	91	83723	4.68	ug/l	100
82) Bromobenzene	7.207	77	32486	4.97	ug/l	96
83) 1,3,5-Trimethylbenzene	7.339	105	52684	4.83	ug/l	52
84) t-Butylbenzene	7.549	119	48481	4.50	ug/l	97
85) 1,2,4-Trimethylbenzene	7.580	105	52521	4.84	ug/l	88
86) sec-Butylbenzene	7.682	105	69001	4.45	ug/l	96
87) 4-Isopropyltoluene	7.766	119	54559	4.72	ug/l	98
88) n-Butylbenzene	8.024	91	67920	4.59	ug/l	97
89) p-Diethylbenzene	8.006	119	35163	4.62	ug/l	95
90) 1,2,4,5-Tetramethylben...	8.506	119	40722	4.10	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.578	157	1771	4.54	ug/l	99
92) Hexachlorobutadiene	9.203	225	11561	3.80	ug/l	94
93) 1,2,4-Trichlorobenzene	9.113	180	15430	4.38	ug/l	96
94) 1,2,3-Trichlorobenzene	9.450	180	14508	4.94	ug/l	98
95) Naphthalene	9.293	128	20372	4.60	ug/l	100

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



SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71371.D Sam Mult : 1 Vial# : 13 Qt On : 01/27/10 11:38
 Acq On : 01/27/10 11:26 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.568	96	270322	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.402	117	191970	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.821	152	96821	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.129	111	72385	29.90	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.67%		
35) 1,2-Dichloroethane-d4	4.363	102	9022	26.14	ug/l	0.00
Spiked Amount 30.000			Recovery =	87.13%		
59) Toluene-d8	5.530	100	167062	28.60	ug/l	0.00
Spiked Amount 30.000			Recovery =	95.33%		
67) Bromofluorobenzene	7.099	174	82620	29.73	ug/l	-0.01
Spiked Amount 30.000			Recovery =	99.10%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.279	51	77033	10.44	ug/l	1
6) Dichlorodifluoromethane	1.279	85	49848	9.23	ug/l	92
7) Chloromethane	1.412	50	37534	7.37	ug/l	99
8) Bromomethane	1.728	94	16801	9.68	ug/l	98
9) Vinyl Chloride	1.479	62	35578	11.14	ug/l	94
10) Chloroethane	1.795	64	17437	9.78	ug/l	91
11) Trichlorofluoromethane	1.978	101	33596	9.35	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.367	101	29124	9.32	ug/l	95
13) Methylene Chloride	2.746	84	28325	9.60	ug/l	80
14) Acrolein	2.307	56	12257	49.73	ug/l	99
15) Acrylonitrile	2.950	53	5225	10.35	ug/l	69
16) Iodomethane	2.499	142	51949	9.51	ug/l	72
17) Acetone	2.427	43	21839	55.25	ug/l	100
18) Carbon Disulfide	2.547	76	102276	9.63	ug/l	100
19) t-Butyl Alcohol	2.836	59	3307	47.41	ug/l	63
20) n-Hexane	3.161	57	49897	9.39	ug/l	87
21) Di-isopropyl-ether	3.341	45	112521	10.10	ug/l	81
22) 1,1-Dichloroethane	2.373	61	68547	10.21	ug/l	87
23) Methyl Acetate	2.667	43	12824	10.41	ug/l	100
24) Methyl-t-butyl ether	2.956	73	31029	8.98	ug/l	68
25) 1,1-Dichloroethane	3.299	63	66784	9.78	ug/l	89
26) trans-1,2-Dichloroethene	2.956	96	33802	10.58	ug/l	86
27) cis-1,2-Dichloroethene	3.780	61	60468	10.24	ug/l	91
28) Bromochloromethane	3.960	49	29523	10.58	ug/l	67
29) 2,2-Dichloropropane	3.780	77	33046	8.86	ug/l	88
30) 1,4-Dioxane	5.013	88	5683	481.93	ug/l	72
31) 1,1-Dichloropropene	4.255	75	56418	10.48	ug/l	97
32) Chloroform	4.014	83	54001	9.73	ug/l	99
34) Cyclohexane	4.183	56	68483	9.90	ug/l	86
36) 1,2-Dichloroethane	4.411	62	33302	9.61	ug/l	99
37) 2-Butanone	3.792	43	8957	10.54	ug/l	92
38) 1,1,1-Trichloroethane	4.147	97	44156	9.56	ug/l	91
39) Carbon Tetrachloride	4.261	117	41090	9.57	ug/l	97
40) Vinyl Acetate	3.335	43	90324	10.27	ug/l	100
41) Bromodichloromethane	5.097	83	42856	10.11	ug/l	92
42) Methylcyclohexane	4.910	83	61913	9.86	ug/l	70
43) Dibromomethane	5.013	174	16927	9.53	ug/l	93
44) 1,2-Dichloropropane	4.934	63	36331	10.15	ug/l	81
45) Trichloroethene	4.790	130	40351	10.38	ug/l	90
46) Benzene	4.393	78	128585	10.68	ug/l	100
47) tert-Amyl methyl ether	4.453	73	31838	7.98	ug/l	91
49) Dibromochloromethane	6.053	129	25471	8.88	ug/l	88
50) 2-Chloroethylvinylether	5.271	63	10273	8.36	ug/l	84
51) cis-1,3-Dichloropropene	5.367	75	42297	8.41	ug/l	97
52) trans-1,3-Dichloropropene	5.692	75	28698	7.87	ug/l	93
53) 1,1,2-Trichloroethane	5.812	97	18466	9.48	ug/l	95
54) 1,2-Dibromoethane	6.137	107	19065	9.03	ug/l	91
55) 1,3-Dichloropropane	5.915	76	34357	9.52	ug/l	91
56) 4-Methyl-2-Pentanone	5.452	43	15392	8.56	ug/l	93
57) 2-Hexanone	5.945	43	10555	8.89	ug/l	83
58) Tetrachloroethene	5.897	164	35677	9.84	ug/l	83
60) Toluene	5.572	92	80831	9.89	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.456	133	25722	9.37	ug/l	94
62) Chlorobenzene	6.420	112	86069	9.76	ug/l	94
64) Bromoform	6.925	173	14142	8.43	ug/l	87
65) Ethylbenzene	6.468	106	39512	10.62	ug/l	97
66) 1,1,2,2-Tetrachloroethane	7.171	83	20072	9.18	ug/l	91
68) Styrene	6.781	104	80154	9.33	ug/l	96
69) m&p-Xylenes	6.534	106	113599	21.22	ug/l	98

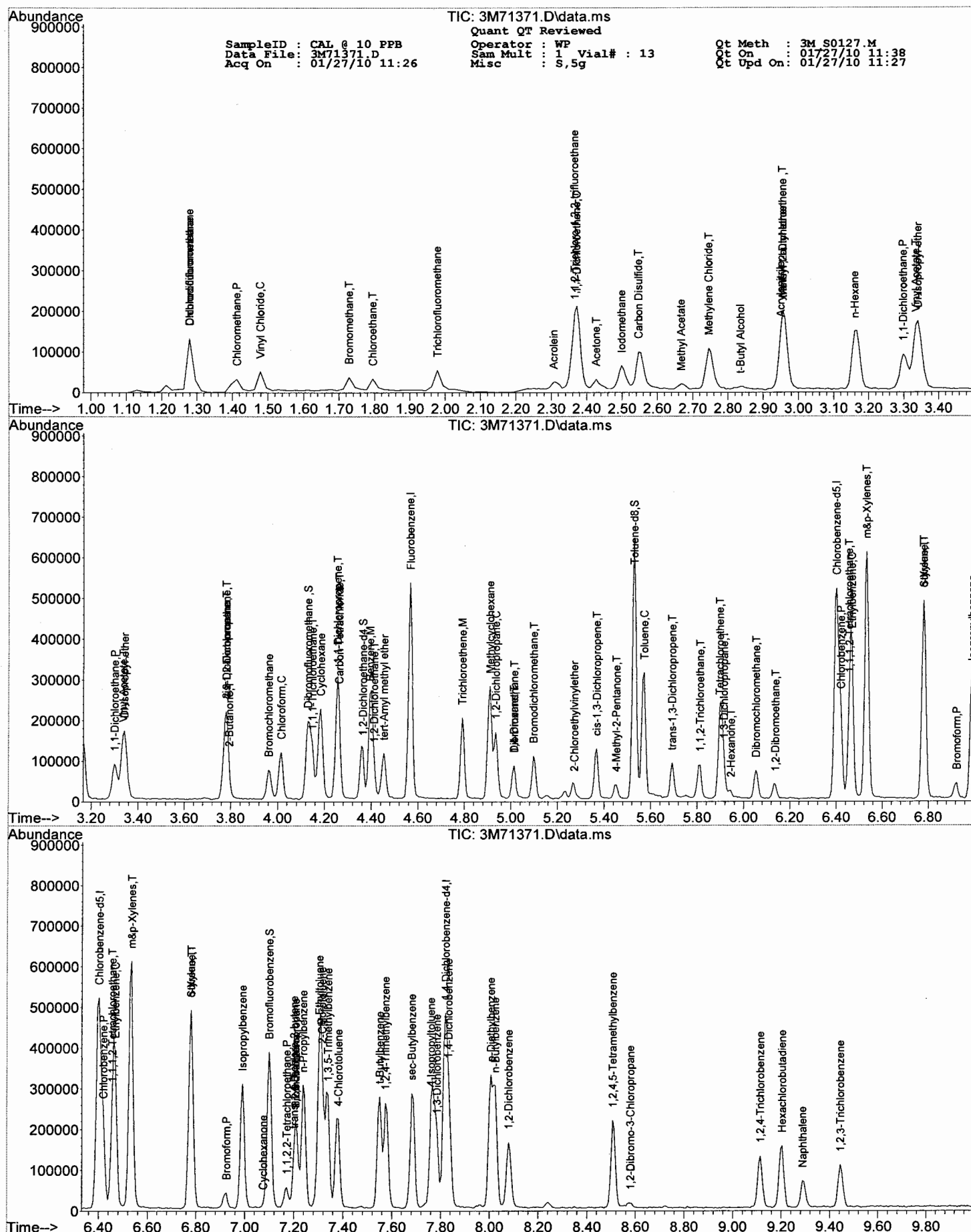
Quantitation Report (QT Reviewed)

SampleID : CAL @ 10 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71371.D Sam Mult : 1 Vial# : 13 Qt On : 01/27/10 11:38
 Acq On : 01/27/10 11:26 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.781	106	52379	10.22	ug/l	93
71) trans-1,4-Dichloro-2-b...	7.201	53	6468	9.00	ug/l	81
72) 1,3-Dichlorobenzene	7.785	146	65922	9.87	ug/l	97
73) 1,4-Dichlorobenzene	7.833	146	64663	9.63	ug/l	95
74) 1,2-Dichlorobenzene	8.079	146	53493	9.43	ug/l	98
75) Isopropylbenzene	6.991	105	140780	9.69	ug/l	98
76) Cyclohexanone	7.075	55	2916m	56.75	ug/l	
77) 1,2,3-Trichloropropane	7.207	75	23081	8.88	ug/l	86
78) 2-Chlorotoluene	7.316	91	83079	9.44	ug/l	96
79) p-Ethyltoluene	7.304	105	155680	9.96	ug/l	97
80) 4-Chlorotoluene	7.382	91	74714	8.86	ug/l	95
81) n-Propylbenzene	7.238	91	176675	9.65	ug/l	99
82) Bromobenzene	7.207	77	62650	9.36	ug/l	97
83) 1,3,5-Trimethylbenzene	7.340	105	111193	9.97	ug/l	54
84) t-Butylbenzene	7.550	119	109732	9.96	ug/l	98
85) 1,2,4-Trimethylbenzene	7.574	105	107277	9.66	ug/l	90
86) sec-Butylbenzene	7.683	105	153623	9.68	ug/l	92
87) 4-Isopropyltoluene	7.761	119	116497	9.85	ug/l	99
88) n-Butylbenzene	8.025	91	149041	9.84	ug/l	99
89) p-Diethylbenzene	8.007	119	75286	9.67	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.506	119	91844	9.03	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.579	157	2889	7.24	ug/l	90
92) Hexachlorobutadiene	9.204	225	26967	8.68	ug/l	98
93) 1,2,4-Trichlorobenzene	9.114	180	33863	9.40	ug/l	98
94) 1,2,3-Trichlorobenzene	9.444	180	29069	9.68	ug/l	98
95) Naphthalene	9.288	128	44524	9.83	ug/l	100

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



SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71369.D Sam Mult : 1 Vial# : 11 Qt On : 01/27/10 11:33
 Acq On : 01/27/10 10:53 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.567	96	234411	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.402	117	165367	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.821	152	80485	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.129	111	60058	28.61	ug/l	0.00
Spiked Amount 30.000			Recovery	=	95.37%	
35) 1,2-Dichloroethane-d4	4.357	102	8912	29.78	ug/l	-0.01
Spiked Amount 30.000			Recovery	=	99.27%	
59) Toluene-d8	5.530	100	142472	28.31	ug/l	0.00
Spiked Amount 30.000			Recovery	=	94.37%	
67) Bromofluorobenzene	7.099	174	71071	30.77	ug/l	-0.01
Spiked Amount 30.000			Recovery	=	102.57%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.291	51	310794	48.58	ug/l	1
6) Dichlorodifluoromethane	1.274	85	273950	58.52	ug/l	93
7) Chloromethane	1.407	50	251942	57.08	ug/l	95
8) Bromomethane	1.723	94	83727	55.63	ug/l	99
9) Vinyl Chloride	1.473	62	143221	51.74	ug/l	95
10) Chloroethane	1.789	64	78276	50.63	ug/l	99
11) Trichlorofluoromethane	1.972	101	170012	54.55	ug/l	95
12) 1,1,2-Trichloro-1,2,2-...	2.367	101	159781	58.98	ug/l	96
13) Methylene Chloride	2.745	84	144991	56.69	ug/l	81
14) Acrolein	2.313	56	65229	305.20	ug/l	97
15) Acrylonitrile	2.950	53	29066	66.39	ug/l	88
16) Iodomethane	2.499	142	290293	61.26	ug/l	68
17) Acetone	2.427	43	103528	302.03	ug/l	94
18) Carbon Disulfide	2.553	76	526615	57.19	ug/l	100
19) t-Butyl Alcohol	2.836	59	15029	248.48	ug/l	91
20) n-Hexane	3.166	57	301141	65.33	ug/l	86
21) Di-isopropyl-ether	3.341	45	644620	66.75	ug/l	79
22) 1,1-Dichloroethane	2.373	61	368004	63.18	ug/l	91
23) Methyl Acetate	2.667	43	65565	61.37	ug/l	100
24) Methyl-t-butyl ether	2.956	73	170384	56.88	ug/l	73
25) 1,1-Dichloroethane	3.299	63	368331	62.22	ug/l	96
26) trans-1,2-Dichloroethene	2.956	96	167940	60.63	ug/l	85
27) cis-1,2-Dichloroethene	3.780	61	329567	64.36	ug/l	89
28) Bromochloromethane	3.960	49	143083	59.12	ug/l	73
29) 2,2-Dichloropropane	3.780	77	185661	57.40	ug/l	93
30) 1,4-Dioxane	5.012	88	30470	2979.76	ug/l	89
31) 1,1-Dichloropropene	4.255	75	298596	63.94	ug/l	98
32) Chloroform	4.014	83	291020	60.49	ug/l	99
34) Cyclohexane	4.183	56	408086	68.01	ug/l	84
36) 1,2-Dichloroethane	4.411	62	180327	59.99	ug/l	96
37) 2-Butanone	3.792	43	44866	60.87	ug/l	81
38) 1,1,1-Trichloroethane	4.147	97	235028	58.70	ug/l	99
39) Carbon Tetrachloride	4.261	117	226429	60.83	ug/l	97
40) Vinyl Acetate	3.335	43	500221	65.59	ug/l	100
41) Bromodichloromethane	5.097	83	220942	60.08	ug/l	97
42) Methylcyclohexane	4.910	83	356428	65.47	ug/l	74
43) Dibromomethane	5.012	174	93640	60.78	ug/l	94
44) 1,2-Dichloropropane	4.934	63	197473	63.65	ug/l	97
45) Trichloroethene	4.790	130	215381	63.86	ug/l	94
46) Benzene	4.399	78	687816	65.86	ug/l	100
47) tert-Amyl methyl ether	4.453	73	179174	51.78	ug/l	97
49) Dibromochloromethane	6.053	129	137264	55.56	ug/l	100
50) 2-Chloroethylvinylether	5.265	63	63618	60.10	ug/l	84
51) cis-1,3-Dichloropropene	5.367	75	247318	57.09	ug/l	93
52) trans-1,3-Dichloropropene	5.692	75	174789	55.66	ug/l	97
53) 1,1,2-Trichloroethane	5.812	97	96699	57.63	ug/l	93
54) 1,2-Dibromoethane	6.137	107	102115	56.16	ug/l	96
55) 1,3-Dichloropropane	5.914	76	183134	58.89	ug/l	91
56) 4-Methyl-2-Pentanone	5.451	43	87681	56.61	ug/l	97
57) 2-Hexanone	5.939	43	61669	60.33	ug/l	88
58) Tetrachloroethene	5.902	164	182432	58.43	ug/l	96
60) Toluene	5.572	92	421355	59.88	ug/l	95
61) 1,1,1,2-Tetrachloroethane	6.462	133	135558	57.30	ug/l	87
62) Chlorobenzene	6.420	112	443340	58.38	ug/l	96
64) Bromoform	6.925	173	79396	56.92	ug/l	95
65) Ethylbenzene	6.468	106	214823	69.44	ug/l	90
66) 1,1,2,2-Tetrachloroethane	7.171	83	109027	59.96	ug/l	86
68) Styrene	6.786	104	441897	61.88	ug/l	85
69) m&p-Xylenes	6.534	106	570350	128.15	ug/l	100

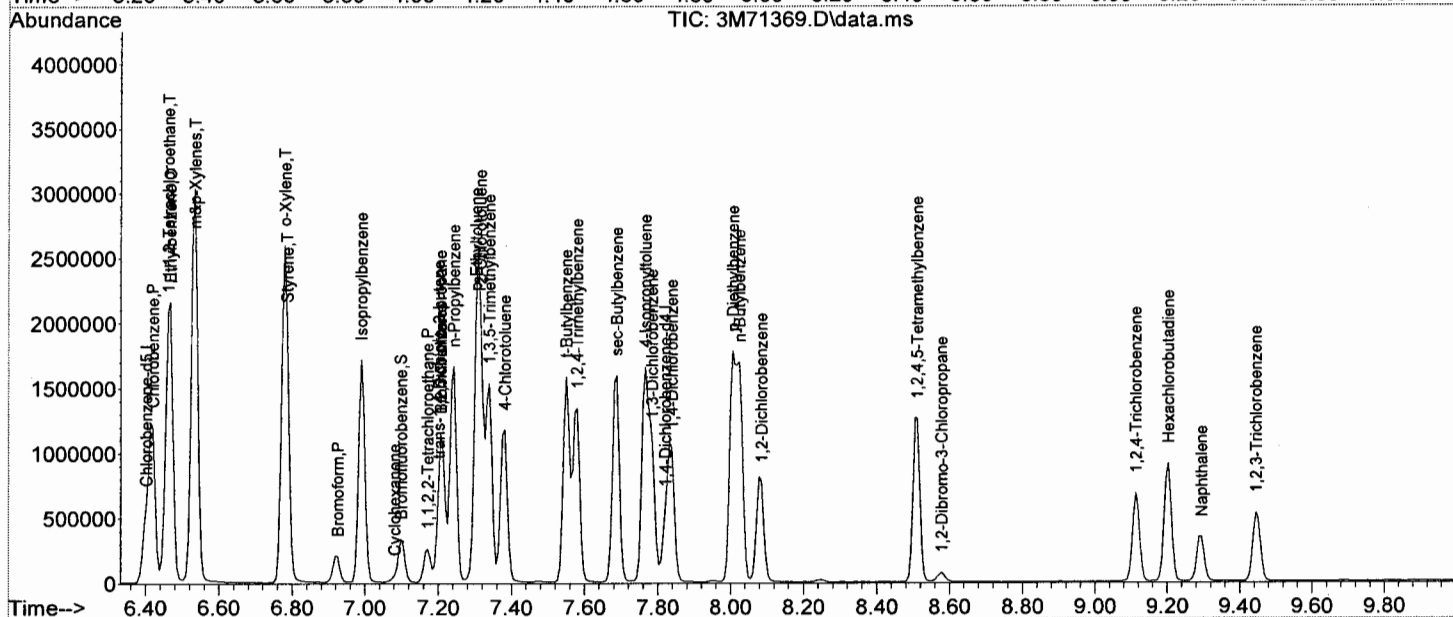
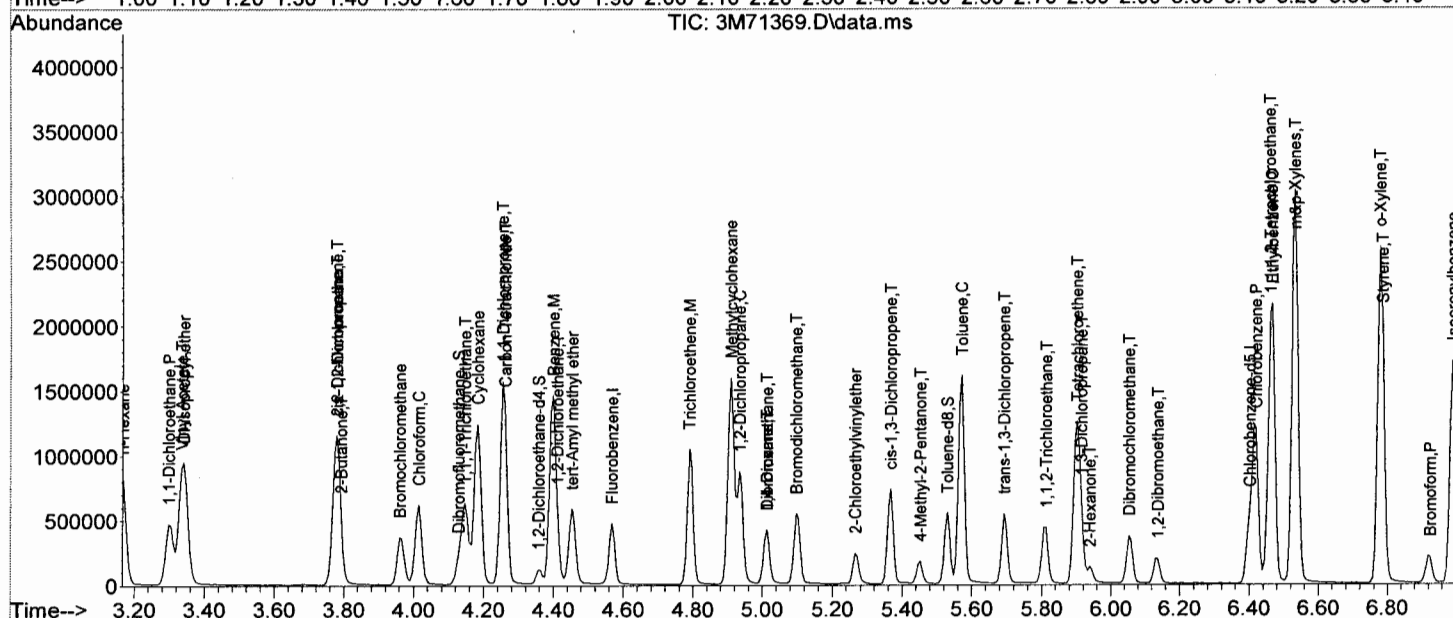
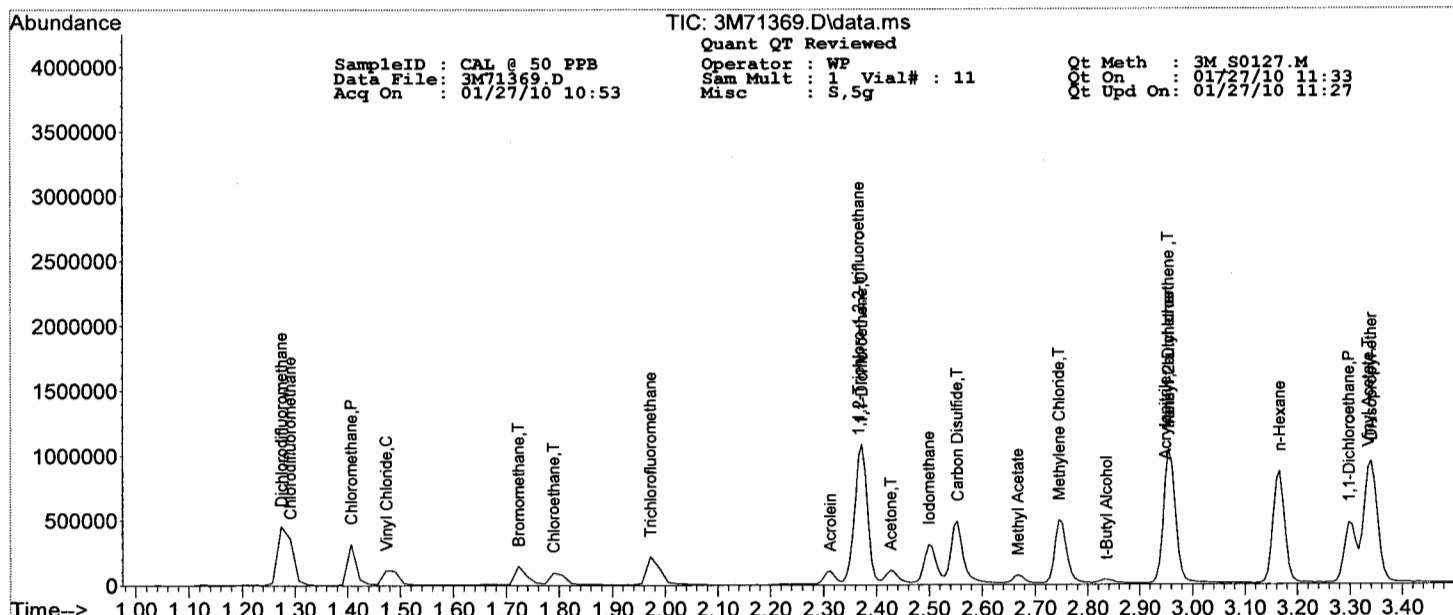
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71369.D Sam Mult : 1 Vial# : 11 Qt On : 01/27/10 11:33
 Acq On : 01/27/10 10:53 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GCMSData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.780	106	272322	63.91	ug/l	95
71) trans-1,4-Dichloro-2-b...	7.201	53	34679	58.04	ug/l	80
72) 1,3-Dichlorobenzene	7.785	146	328708	59.19	ug/l	99
73) 1,4-Dichlorobenzene	7.839	146	327330	58.62	ug/l	98
74) 1,2-Dichlorobenzene	8.085	146	275984	58.52	ug/l	98
75) Isopropylbenzene	6.991	105	800537	66.25	ug/l	97
76) Cyclohexanone	7.081	55	11734	274.70	ug/l	96
77) 1,2,3-Trichloropropane	7.207	75	122318	56.61	ug/l	87
78) 2-Chlorotoluene	7.316	91	462115	63.20	ug/l	98
79) p-Ethyltoluene	7.304	105	826700	63.65	ug/l	96
80) 4-Chlorotoluene	7.382	91	413133	58.94	ug/l	97
81) n-Propylbenzene	7.243	91	993052	65.25	ug/l	100
82) Bromobenzene	7.207	77	337562	60.70	ug/l	94
83) 1,3,5-Trimethylbenzene	7.340	105	598555	64.58	ug/l	54
84) t-Butylbenzene	7.550	119	614314	67.05	ug/l	97
85) 1,2,4-Trimethylbenzene	7.580	105	581984	63.02	ug/l	92
86) sec-Butylbenzene	7.688	105	890972	67.54	ug/l	94
87) 4-Isopropyltoluene	7.767	119	669289	68.07	ug/l	97
88) n-Butylbenzene	8.025	91	844393	67.08	ug/l	99
89) p-Diethylbenzene	8.007	119	435888	67.32	ug/l	99
90) 1,2,4,5-Tetramethylben...	8.512	119	559701	66.21	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.578	157	15912	47.95	ug/l	98
92) Hexachlorobutadiene	9.204	225	158511	61.34	ug/l	98
93) 1,2,4-Trichlorobenzene	9.114	180	185714	62.03	ug/l	99
94) 1,2,3-Trichlorobenzene	9.444	180	158217	63.35	ug/l	99
95) Naphthalene	9.294	128	241945	64.26	ug/l	100

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



SampleID : CAL @ 100 PPB
Data File: 3M71368.D
Acq On : 01/27/10 10:37

Operator : WP
Sam Mult : 1 Vial# : 10
Misc : S,5g

Qt Meth : 3M_S0127.M
Qt On : 01/27/10 11:31
Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.567	96	272664	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.401	117	195549	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.820	152	97933	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.128	111	72041	29.50	ug/l	0.00
Spiked Amount 30.000			Recovery =	98.33%		
35) 1,2-Dichloroethane-d4	4.362	102	10041	28.84	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.13%		
59) Toluene-d8	5.529	100	173901	29.22	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.40%		
67) Bromofluorobenzene	7.098	174	84483	30.06	ug/l	-0.01
Spiked Amount 30.000			Recovery =	100.20%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.292	51	648718	87.18	ug/l	1
6) Dichlorodifluoromethane	1.275	85	620198	113.90	ug/l	92
7) Chloromethane	1.408	50	466688	90.89	ug/l	95
8) Bromomethane	1.724	94	163214	93.23	ug/l	99
9) Vinyl Chloride	1.474	62	324148	100.67	ug/l	94
10) Chloroethane	1.790	64	161896	90.03	ug/l	99
11) Trichlorofluoromethane	1.973	101	347067	95.74	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.366	101	320109	101.58	ug/l	95
13) Methylene Chloride	2.751	84	288291	96.91	ug/l	87
14) Acrolein	2.312	56	133750	538.01	ug/l	99
15) Acrylonitrile	2.949	53	55803	109.57	ug/l	94
16) Iodomethane	2.498	142	562303	102.01	ug/l	70
17) Acetone	2.426	43	204665	513.31	ug/l	100
18) Carbon Disulfide	2.552	76	1058133	98.80	ug/l	100
19) t-Butyl Alcohol	2.835	59	28543	405.71	ug/l	92
20) n-Hexane	3.166	57	620511	115.73	ug/l	87
21) Di-isopropyl-ether	3.340	45	1290740	114.91	ug/l	80
22) 1,1-Dichloroethene	2.372	61	749186	110.58	ug/l	85
23) Methyl Acetate	2.667	43	129357	104.10	ug/l	100
24) Methyl-t-butyl ether	2.955	73	337519	96.87	ug/l	73
25) 1,1-Dichloroethane	3.298	63	734220	106.63	ug/l	97
26) trans-1,2-Dichloroethene	2.961	96	325231	100.94	ug/l	81
27) cis-1,2-Dichloroethene	3.779	61	641499	107.70	ug/l	89
28) Bromochloromethane	3.960	49	287230	102.03	ug/l	71
29) 2,2-Dichloropropane	3.779	77	385382	102.43	ug/l	94
30) 1,4-Dioxane	5.018	88	59682	5017.67	ug/l	82
31) 1,1-Dichloropropene	4.254	75	580599	106.88	ug/l	100
32) Chloroform	4.014	83	578019	103.29	ug/l	98
34) Cyclohexane	4.182	56	825850	118.32	ug/l	84
36) 1,2-Dichloroethane	4.411	62	352574	100.84	ug/l	98
37) 2-Butanone	3.791	43	88814	103.60	ug/l	78
38) 1,1,1-Trichloroethane	4.146	97	474105	101.80	ug/l	97
39) Carbon Tetrachloride	4.260	117	444044	102.56	ug/l	92
40) Vinyl Acetate	3.334	43	981537	110.64	ug/l	100
41) Bromodichloromethane	5.096	83	434444	101.56	ug/l	98
42) Methylcyclohexane	4.910	83	722998	114.17	ug/l	73
43) Dibromomethane	5.012	174	182861	102.04	ug/l	94
44) 1,2-Dichloropropane	4.934	63	400040	110.84	ug/l	99
45) Trichloroethene	4.789	130	423079	107.85	ug/l	95
46) Benzene	4.399	78	1364110	112.29	ug/l	100
47) tert-Amyl methyl ether	4.453	73	362763	90.13	ug/l	100
49) Dibromochloromethane	6.052	129	273573	93.64	ug/l	99
50) 2-Chloroethylvinylether	5.264	63	130172	103.99	ug/l	84
51) cis-1,3-Dichloropropene	5.367	75	512712	100.09	ug/l	93
52) trans-1,3-Dichloropropene	5.691	75	354595	95.49	ug/l	100
53) 1,1,2-Trichloroethane	5.812	97	189107	95.30	ug/l	98
54) 1,2-Dibromoethane	6.136	107	201912	93.90	ug/l	92
55) 1,3-Dichloropropane	5.914	76	356580	96.97	ug/l	98
56) 4-Methyl-2-Pentanone	5.451	43	182440	99.62	ug/l	97
57) 2-Hexanone	5.938	43	125313	103.67	ug/l	93
58) Tetrachloroethene	5.902	164	370212	100.28	ug/l	100
60) Toluene	5.571	92	835942	100.46	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.461	133	263816	94.30	ug/l	93
62) Chlorobenzene	6.419	112	879851	97.98	ug/l	96
64) Bromoform	6.918	173	158787	93.55	ug/l	97
65) Ethylbenzene	6.467	106	398847	105.95	ug/l	85
66) 1,1,2,2-Tetrachloroethane	7.171	83	214591	96.99	ug/l	87
68) Styrene	6.786	104	875543	100.75	ug/l	88
69) m&p-Xylenes	6.533	106	1100307	203.18	ug/l	98

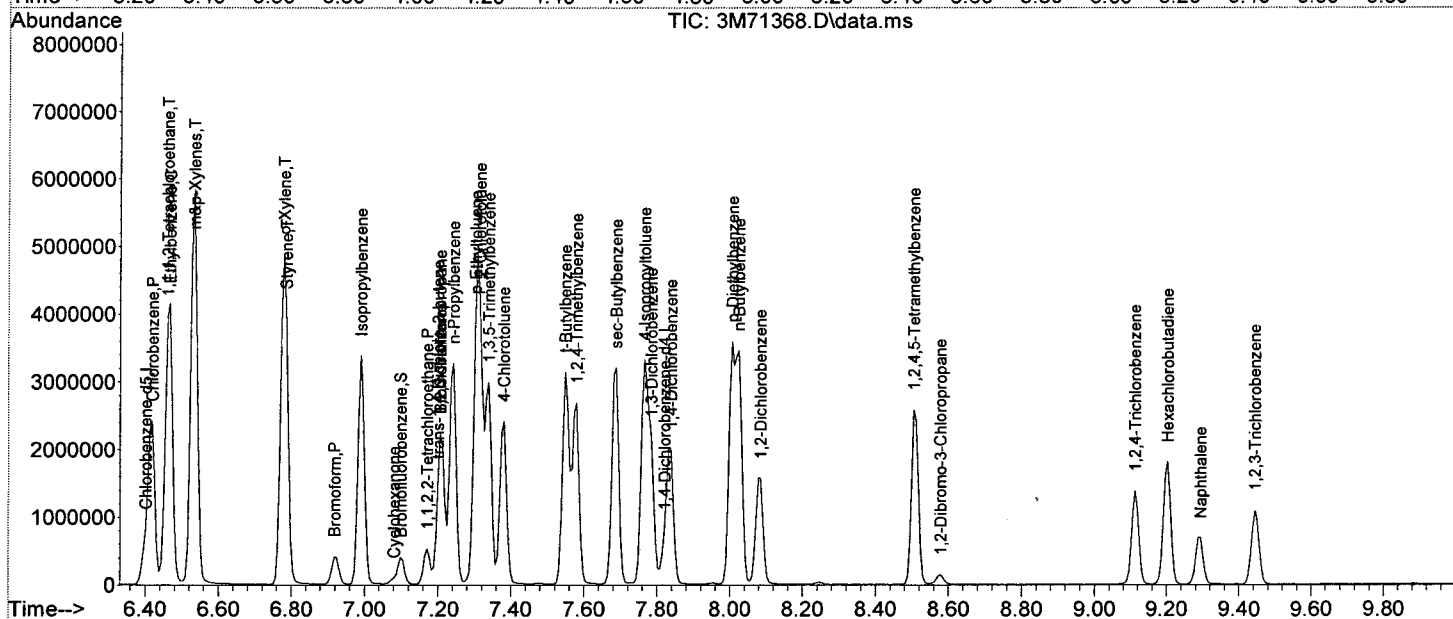
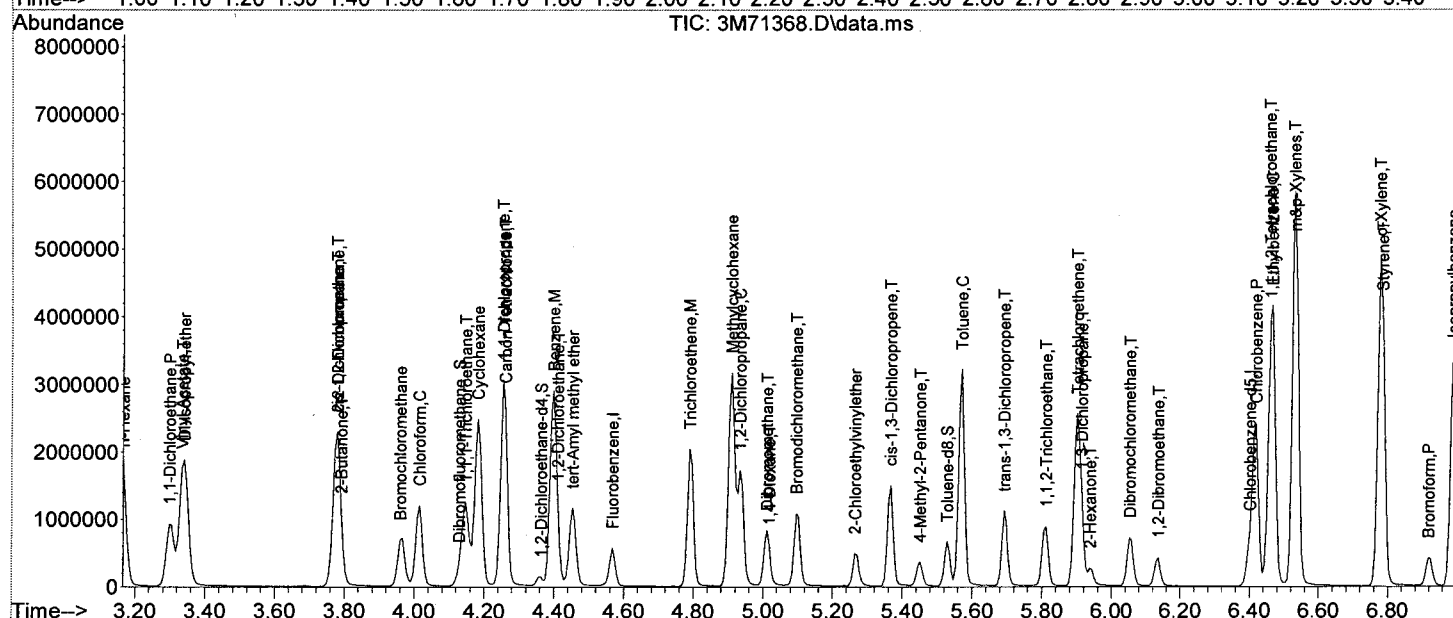
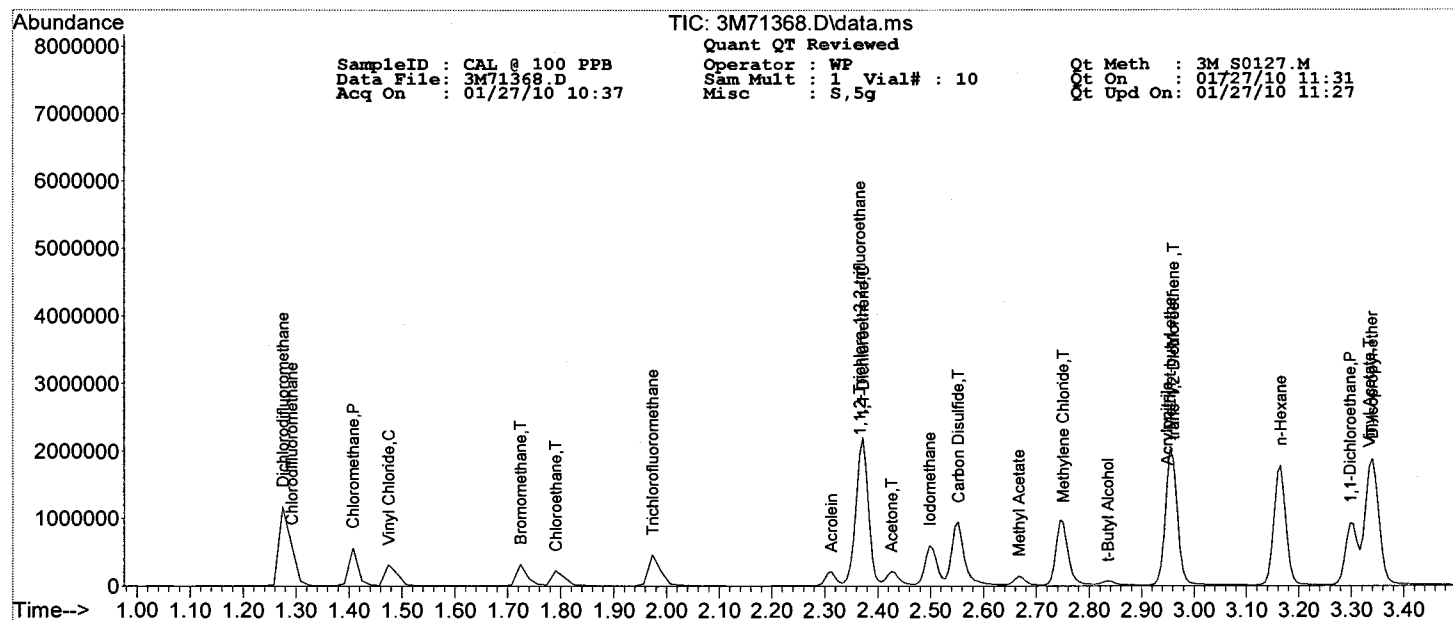
Quantitation Report (QT Reviewed)

SampleID : CAL @ 100 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71368.D Sam Mult : 1 Vial# : 10 Qt On : 01/27/10 11:31
 Acq On : 01/27/10 10:37 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.780	106	533378	102.87	ug/l	91
71) trans-1,4-Dichloro-2-b...	7.201	53	67107	92.30	ug/l	85
72) 1,3-Dichlorobenzene	7.784	146	656426	97.15	ug/l	98
73) 1,4-Dichlorobenzene	7.838	146	645803	95.06	ug/l	98
74) 1,2-Dichlorobenzene	8.085	146	545954	95.13	ug/l	98
75) Isopropylbenzene	6.990	105	1608209	109.38	ug/l	98
76) Cyclohexanone	7.080	55	24200	465.60	ug/l	96
77) 1,2,3-Trichloropropane	7.207	75	245498	93.38	ug/l	86
78) 2-Chlorotoluene	7.315	91	910574	102.34	ug/l	98
79) p-Ethyltoluene	7.303	105	1640559	103.81	ug/l	95
80) 4-Chlorotoluene	7.381	91	849735	99.63	ug/l	97
81) n-Propylbenzene	7.243	91	2012681	108.68	ug/l	99
82) Bromobenzene	7.207	77	676245	99.94	ug/l	93
83) 1,3,5-Trimethylbenzene	7.339	105	1192992	105.79	ug/l	53
84) t-Butylbenzene	7.549	119	1219229	109.36	ug/l	98
85) 1,2,4-Trimethylbenzene	7.580	105	1160623	103.28	ug/l	92
86) sec-Butylbenzene	7.688	105	1791451	111.60	ug/l	95
87) 4-Isopropyltoluene	7.766	119	1314245	109.85	ug/l	97
88) n-Butylbenzene	8.025	91	1701169	111.06	ug/l	98
89) p-Diethylbenzene	8.007	119	870621	110.51	ug/l	99
90) 1,2,4,5-Tetramethylben...	8.506	119	1154309	112.22	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.578	157	32054	79.38	ug/l	97
92) Hexachlorobutadiene	9.203	225	325468	103.52	ug/l	100
93) 1,2,4-Trichlorobenzene	9.113	180	385822	105.91	ug/l	98
94) 1,2,3-Trichlorobenzene	9.444	180	309714	101.92	ug/l	97
95) Naphthalene	9.293	128	477974	104.32	ug/l	100

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



SampleID : CAL @ 250 PPB
Data File: 3M71367.D
Acq On : 01/27/10 10:20

Operator : WP
Sam Mult : 1 Vial# : 9
Misc : S,5g

Qt Meth : 3M_S0127.M
Qt On : 01/27/10 11:30
Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.568	96	278797	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.402	117	195418	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.821	152	99513	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.129	111	69656	27.90	ug/l	0.00
Spiked Amount 30.000			Recovery	=	93.00%	
35) 1,2-Dichloroethane-d4	4.363	102	9789	27.50	ug/l	0.00
Spiked Amount 30.000			Recovery	=	91.67%	
59) Toluene-d8	5.530	100	175098	29.44	ug/l	0.00
Spiked Amount 30.000			Recovery	=	98.13%	
67) Bromofluorobenzene	7.099	174	87733	30.72	ug/l	-0.01
Spiked Amount 30.000			Recovery	=	102.40%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.279	51	1949336	256.21	ug/l	1
6) Dichlorodifluoromethane	1.279	85	1310418	235.37	ug/l	92
7) Chloromethane	1.412	50	1140258	217.19	ug/l	95
8) Bromomethane	1.728	94	379403	211.95	ug/l	96
9) Vinyl Chloride	1.479	62	873916	265.43	ug/l	95
10) Chloroethane	1.795	64	405144	220.35	ug/l	97
11) Trichlorofluoromethane	1.978	101	777345	209.72	ug/l	100
12) 1,1,2-Trichloro-1,2,2-...	2.367	101	726015	225.33	ug/l	95
13) Methylene Chloride	2.746	84	702566	230.97	ug/l	81
14) Acrolein	2.307	56	324763	1277.63	ug/l	95
15) Acrylonitrile	2.950	53	136932	262.96	ug/l	91
16) Iodomethane	2.499	142	1340572	237.86	ug/l	69
17) Acetone	2.427	43	540972	1326.94	ug/l	95
18) Carbon Disulfide	2.553	76	2567405	234.44	ug/l	100
19) t-Butyl Alcohol	2.836	59	75143	1044.59	ug/l	99
20) n-Hexane	3.167	57	1492642	272.26	ug/l	86
21) Di-isopropyl-ether	3.341	45	3183036	277.14	ug/l	77
22) 1,1-Dichloroethene	2.373	61	1695003	244.68	ug/l	88
23) Methyl Acetate	2.668	43	326544	257.00	ug/l	100
24) Methyl-t-butyl ether	2.956	73	801484	224.96	ug/l	72
25) 1,1-Dichloroethane	3.299	63	1800230	255.71	ug/l	97
26) trans-1,2-Dichloroethene	2.956	96	751346	228.07	ug/l	87
27) cis-1,2-Dichloroethene	3.780	61	1541775	253.15	ug/l	86
28) Bromochloromethane	3.960	49	698202	242.55	ug/l	70
29) 2,2-Dichloropropane	3.780	77	935535	243.18	ug/l	96
30) 1,4-Dioxane	5.013	88	157522	12952.08	ug/l	74
31) 1,1-Dichloropropene	4.255	75	1319020	237.48	ug/l	98
32) Chloroform	4.014	83	1378729	240.95	ug/l	99
34) Cyclohexane	4.183	56	1939923	271.83	ug/l	82
36) 1,2-Dichloroethane	4.411	62	819437	229.21	ug/l	100
37) 2-Butanone	3.792	43	221469	252.65	ug/l	80
38) 1,1,1-Trichloroethane	4.147	97	1145500	240.56	ug/l	100
39) Carbon Tetrachloride	4.261	117	1025127	231.57	ug/l	91
40) Vinyl Acetate	3.335	43	2419398	266.72	ug/l	100
41) Bromodichloromethane	5.097	83	1040934	237.99	ug/l	99
42) Methylcyclohexane	4.910	83	1671844	258.21	ug/l	75
43) Dibromomethane	5.013	174	438190	239.13	ug/l	93
44) 1,2-Dichloropropane	4.934	63	951979	257.98	ug/l	99
45) Trichloroethene	4.790	130	960814	239.54	ug/l	93
46) Benzene	4.393	78	3168445	255.08	ug/l	100
47) tert-Amyl methyl ether	4.453	73	880005	213.82	ug/l	100
49) Dibromochloromethane	6.053	129	654793	224.29	ug/l	99
50) 2-Chloroethylvinylether	5.265	63	327036	261.42	ug/l	88
51) cis-1,3-Dichloropropene	5.367	75	1240090	242.24	ug/l	95
52) trans-1,3-Dichloropropene	5.692	75	889458	239.68	ug/l	98
53) 1,1,2-Trichloroethane	5.806	97	450763	227.32	ug/l	96
54) 1,2-Dibromoethane	6.137	107	491112	228.54	ug/l	93
55) 1,3-Dichloropropane	5.915	76	818232	222.67	ug/l	94
56) 4-Methyl-2-Pentanone	5.452	43	469460	256.50	ug/l	96
57) 2-Hexanone	5.939	43	313575	259.59	ug/l	92
58) Tetrachloroethene	5.903	164	833216	225.84	ug/l	95
60) Toluene	5.572	92	1910904	229.79	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.456	133	591871	211.71	ug/l	87
62) Chlorobenzene	6.420	112	2059008	229.44	ug/l	97
64) Bromoform	6.919	173	389787	226.00	ug/l	98
65) Ethylbenzene	6.468	106	857216	224.10	ug/l	85
66) 1,1,2,2-Tetrachloroethane	7.171	83	518691	230.71	ug/l	86
68) Styrene	6.787	104	1896543	214.78	ug/l	87
69) m&p-Xylenes	6.534	106	2384571	433.33	ug/l	95

Quantitation Report (QT Reviewed)

SampleID : CAL @ 250 PPB
 Data File: 3M71367.D
 Acq On : 01/27/10 10:20

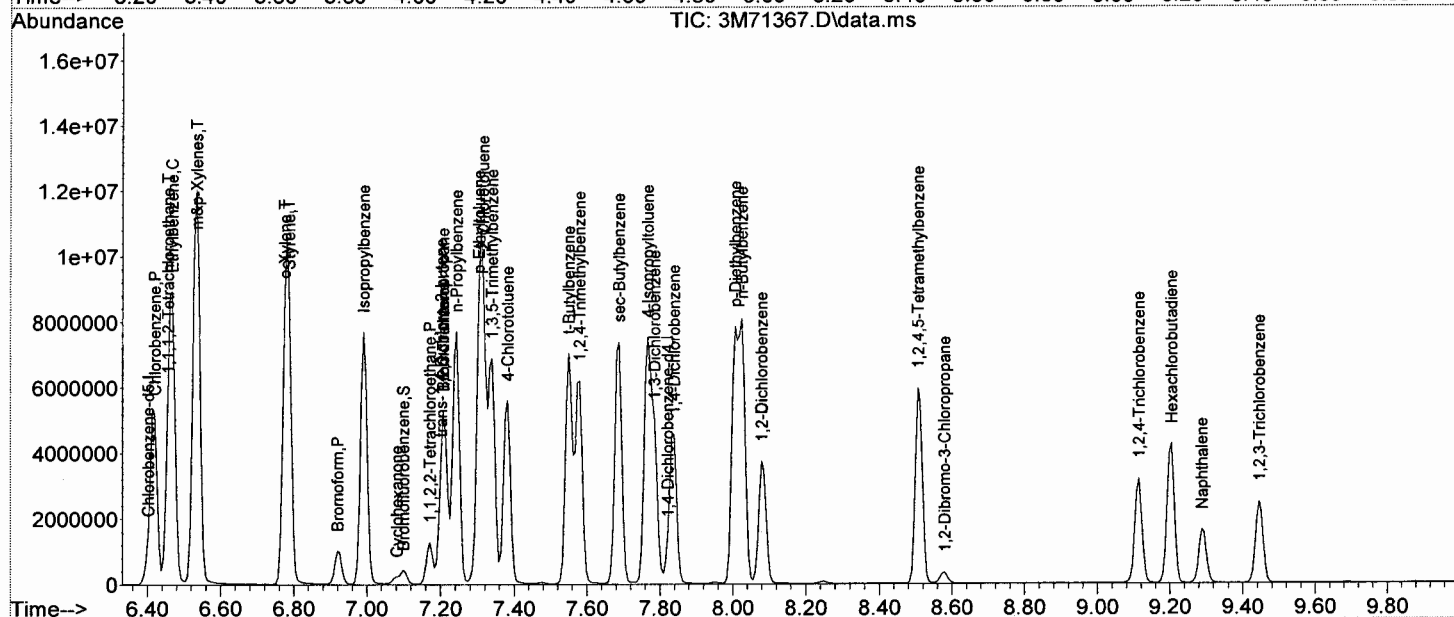
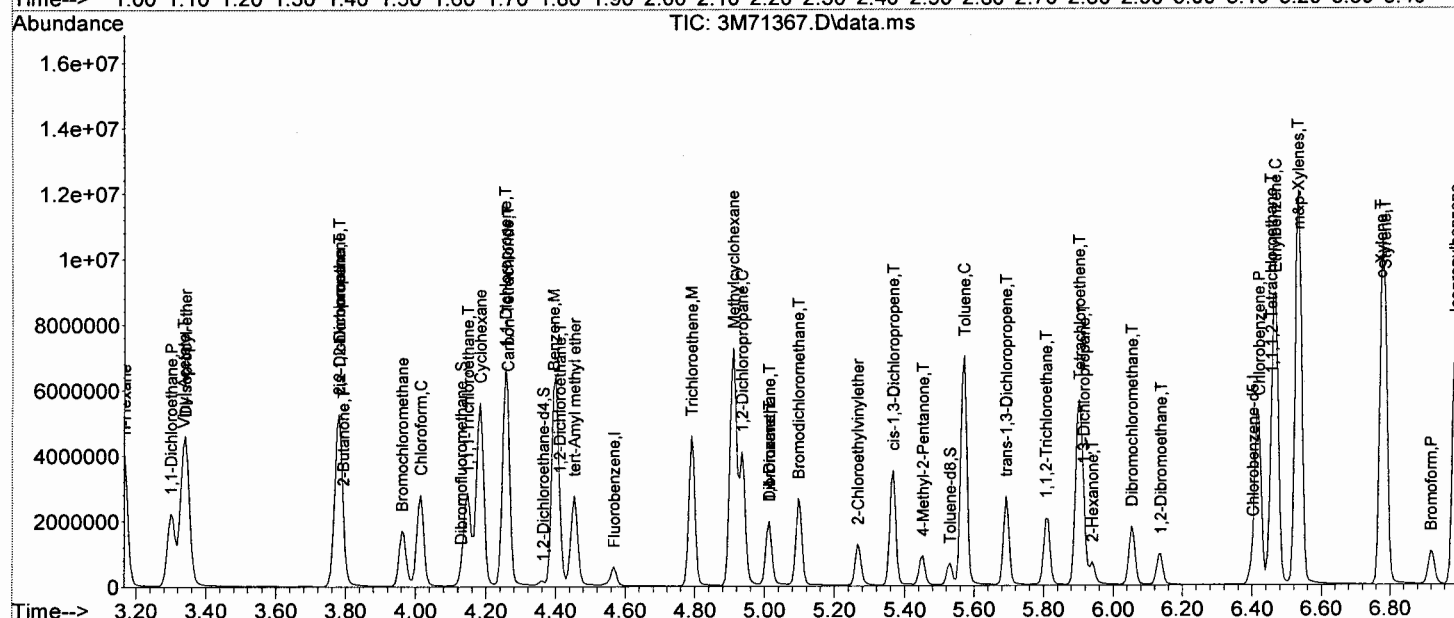
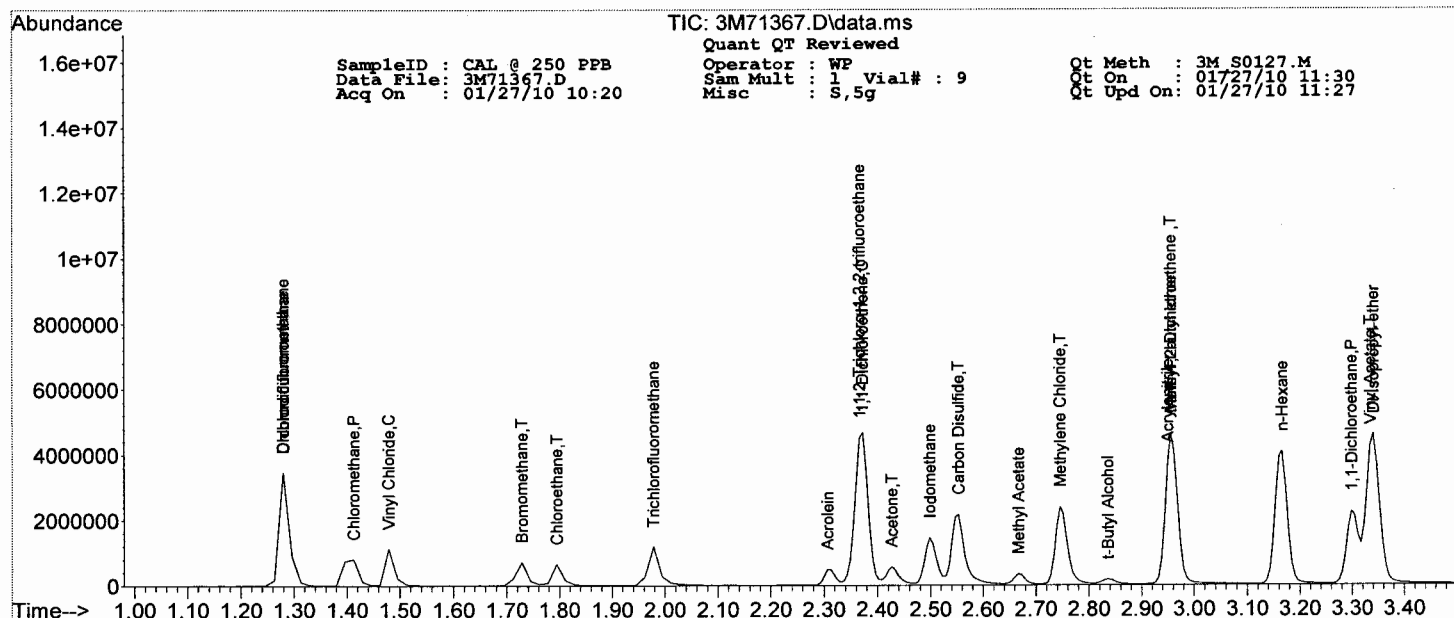
Operator : WP
 Sam Mult : 1 Vial# : 9
 Misc : S,5g

Qt Meth : 3M_S0127.M
 Qt On : 01/27/10 11:30
 Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.775	106	1180104	223.98	ug/l	86
71) trans-1,4-Dichloro-2-b...	7.202	53	161871	219.10	ug/l	86
72) 1,3-Dichlorobenzene	7.785	146	1500566	218.55	ug/l	98
73) 1,4-Dichlorobenzene	7.839	146	1539443	222.99	ug/l	97
74) 1,2-Dichlorobenzene	8.079	146	1292307	221.61	ug/l	98
75) Isopropylbenzene	6.991	105	3731143	249.74	ug/l	98
76) Cyclohexanone	7.081	55	65687	1243.74	ug/l	97
77) 1,2,3-Trichloropropane	7.208	75	592232	221.70	ug/l	84
78) 2-Chlorotoluene	7.316	91	1961429	216.95	ug/l	98
79) p-Ethyltoluene	7.304	105	3670584	228.57	ug/l	94
80) 4-Chlorotoluene	7.382	91	1906469	219.97	ug/l	98
81) n-Propylbenzene	7.244	91	4796410	254.89	ug/l	98
82) Bromobenzene	7.208	77	1593837	231.80	ug/l	92
83) 1,3,5-Trimethylbenzene	7.340	105	2803526	244.65	ug/l	53
84) t-Butylbenzene	7.550	119	2852308	251.79	ug/l	97
85) 1,2,4-Trimethylbenzene	7.580	105	2733512	239.39	ug/l	92
86) sec-Butylbenzene	7.689	105	4159582	255.02	ug/l	95
87) 4-Isopropyltoluene	7.767	119	3062859	251.93	ug/l	98
88) n-Butylbenzene	8.025	91	3947873	253.65	ug/l	99
89) p-Diethylbenzene	8.007	119	2005957	250.58	ug/l	100
90) 1,2,4,5-Tetramethylben...	8.506	119	2699830	258.32	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.579	157	80380	195.91	ug/l	96
92) Hexachlorobutadiene	9.204	225	775426	242.71	ug/l	99
93) 1,2,4-Trichlorobenzene	9.114	180	898002	242.60	ug/l	99
94) 1,2,3-Trichlorobenzene	9.444	180	728272	235.85	ug/l	99
95) Naphthalene	9.288	128	1119989	240.57	ug/l	100

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



SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71366.D Sam Mult : 1 Vial# : 8 Qt On : 01/27/10 11:28
 Acq On : 01/27/10 10:04 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GCMSData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSData\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.566	96	278656	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.401	117	183353	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.820	152	89551	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.127	111	68465	27.44	ug/l	0.00
Spiked Amount 30.000			Recovery =	91.47%		
35) 1,2-Dichloroethane-d4	4.362	102	10750	30.21	ug/l	0.00
Spiked Amount 30.000			Recovery =	100.70%		
59) Toluene-d8	5.529	100	174587	31.29	ug/l	0.00
Spiked Amount 30.000			Recovery =	104.30%		
67) Bromofluorobenzene	7.104	174	81788	31.82	ug/l	0.00
Spiked Amount 30.000			Recovery =	106.07%		
Target Compounds						
5) Chlorodifluoromethane	1.292	51	3309656	435.23	ug/l	1
6) Dichlorodifluoromethane	1.275	85	3043505	546.93	ug/l	93
7) Chloromethane	1.408	50	2285360	435.53	ug/l	95
8) Bromomethane	1.724	94	755872	422.47	ug/l	97
9) Vinyl Chloride	1.474	62	1689209	513.32	ug/l	94
10) Chloroethane	1.790	64	809222	440.35	ug/l	99
11) Trichlorofluoromethane	1.973	101	1647135	444.60	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.360	101	1431381	444.47	ug/l	94
13) Methylene Chloride	2.744	84	1454229	478.32	ug/l	78
14) Acrolein	2.311	56	669738	2636.12	ug/l	97
15) Acrylonitrile	2.949	53	261999	503.40	ug/l	90
16) Iodomethane	2.498	142	2683628	476.39	ug/l	72
17) Acetone	2.426	43	1077484	2644.27	ug/l	97
18) Carbon Disulfide	2.546	76	5370687	490.68	ug/l	100
19) t-Butyl Alcohol	2.835	59	154862	2153.88	ug/l	89
20) n-Hexane	3.165	57	2972294	542.42	ug/l	88
21) Di-isopropyl-ether	3.340	45	6179386	538.30	ug/l	76
22) 1,1-Dichloroethane	2.372	61	3402544	491.42	ug/l	83
23) Methyl Acetate	2.666	43	680474	535.83	ug/l	100
24) Methyl-t-butyl ether	2.955	73	1509449	423.89	ug/l	68
25) 1,1-Dichloroethane	3.298	63	3580395	508.82	ug/l	97
26) trans-1,2-Dichloroethene	2.955	96	1449752	440.29	ug/l	96
27) cis-1,2-Dichloroethene	3.779	61	2909100	477.90	ug/l	84
28) Bromochloromethane	3.959	49	1389062	482.80	ug/l	67
29) 2,2-Dichloropropane	3.779	77	1844013	479.57	ug/l	94
30) 1,4-Dioxane	5.017	88	276475	22744.36	ug/l	83
31) 1,1-Dichloropropene	4.254	75	2360493	425.21	ug/l	97
32) Chloroform	4.013	83	2704260	472.84	ug/l	98
34) Cyclohexane	4.182	56	3776861	529.49	ug/l	80
36) 1,2-Dichloroethane	4.410	62	1591897	445.50	ug/l	98
37) 2-Butanone	3.791	43	404348	461.51	ug/l	79
38) 1,1,1-Trichloroethane	4.146	97	2256584	474.13	ug/l	99
39) Carbon Tetrachloride	4.260	117	1898396	429.05	ug/l	92
40) Vinyl Acetate	3.334	43	4689576	517.24	ug/l	100
41) Bromodichloromethane	5.096	83	2062700	471.83	ug/l	99
42) Methylcyclohexane	4.909	83	3056139	472.24	ug/l	77
43) Dibromomethane	5.011	174	832163	454.36	ug/l	95
44) 1,2-Dichloropropane	4.933	63	1834933	497.50	ug/l	98
45) Trichloroethene	4.795	130	1760323	439.09	ug/l	97
46) Benzene	4.398	78	5773168	465.01	ug/l	100
47) tert-Amyl methyl ether	4.452	73	1615537	392.74	ug/l	94
49) Dibromochloromethane	6.052	129	1290500	471.12	ug/l	98
50) 2-Chloroethylvinylether	5.264	63	646725	550.99	ug/l	85
51) cis-1,3-Dichloropropene	5.366	75	2457487	511.64	ug/l	93
52) trans-1,3-Dichloropropene	5.691	75	1773718	509.41	ug/l	100
53) 1,1,2-Trichloroethane	5.811	97	859586	462.02	ug/l	97
54) 1,2-Dibromoethane	6.136	107	939361	465.91	ug/l	94
55) 1,3-Dichloropropane	5.913	76	1505963	436.80	ug/l	94
56) 4-Methyl-2-Pentanone	5.450	43	913278	531.83	ug/l	98
57) 2-Hexanone	5.937	43	606294	534.93	ug/l	90
58) Tetrachloroethene	5.901	164	1494530	431.75	ug/l	99
60) Toluene	5.571	92	3445105	441.54	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.461	133	1052202	401.13	ug/l	95
62) Chlorobenzene	6.419	112	3715511	441.27	ug/l	98
64) Bromoform	6.924	173	760282	489.84	ug/l	98
65) Ethylbenzene	6.473	106	1295189	376.26	ug/l	88
66) 1,1,2,2-Tetrachloroethane	7.170	83	970625	479.75	ug/l	87
68) Styrene	6.785	104	3068664	386.18	ug/l	99
69) m&p-Xylenes	6.533	106	3706938	748.57	ug/l	90

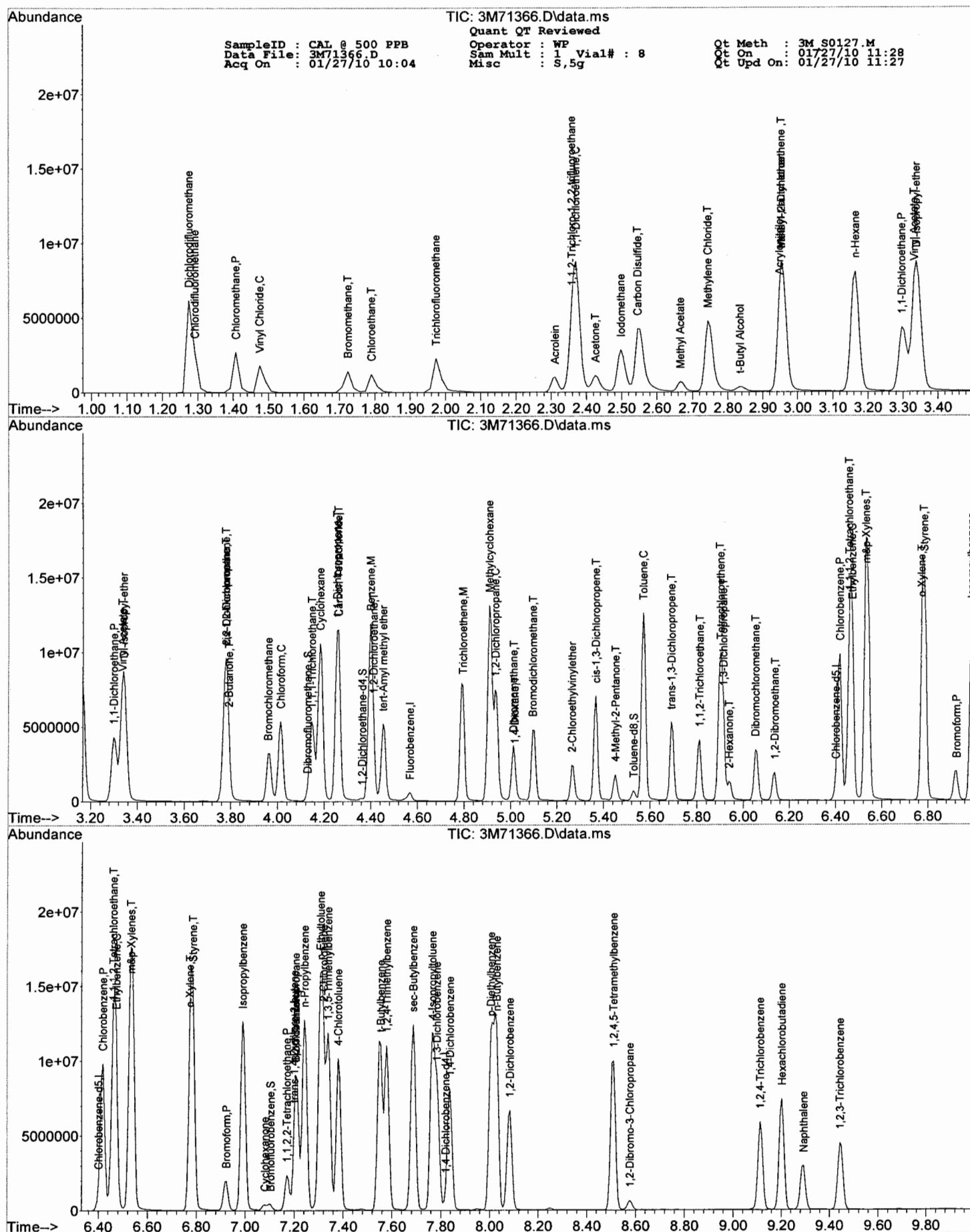
Quantitation Report (QT Reviewed)

SampleID : CAL @ 500 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71366.D Sam Mult : 1 Vial# : 8 Qt On : 01/27/10 11:28
 Acq On : 01/27/10 10:04 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.773	106	1920284	405.01	ug/l	83
71) trans-1,4-Dichloro-2-b...	7.200	53	289773	435.86	ug/l	87
72) 1,3-Dichlorobenzene	7.784	146	2570656	416.06	ug/l	98
73) 1,4-Dichlorobenzene	7.838	146	2676805	430.88	ug/l	98
74) 1,2-Dichlorobenzene	8.084	146	2322611	442.60	ug/l	98
75) Isopropylbenzene	6.990	105	6468967	481.17	ug/l	98
76) Cyclohexanone	7.080	55	120885	2543.51	ug/l	96
77) 1,2,3-Trichloropropane	7.206	75	1063581	442.44	ug/l	84
78) 2-Chlorotoluene	7.321	91	2998486	368.55	ug/l	98
79) p-Ethyltoluene	7.309	105	6104941	422.45	ug/l	95
80) 4-Chlorotoluene	7.381	91	3507981	449.78	ug/l	98
81) n-Propylbenzene	7.242	91	8199644	484.22	ug/l	99
82) Bromobenzene	7.206	77	2635630	425.96	ug/l	98
83) 1,3,5-Trimethylbenzene	7.339	105	4489062	435.33	ug/l	57
84) t-Butylbenzene	7.555	119	4776114	468.52	ug/l	98
85) 1,2,4-Trimethylbenzene	7.579	105	4756416	462.88	ug/l	90
86) sec-Butylbenzene	7.687	105	7043124	479.84	ug/l	94
87) 4-Isopropyltoluene	7.766	119	5010397	457.97	ug/l	99
88) n-Butylbenzene	8.030	91	6636791	473.84	ug/l	98
89) p-Diethylbenzene	8.006	119	3248448	450.93	ug/l	100
90) 1,2,4,5-Tetramethylben...	8.511	119	4730232	502.93	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.577	157	145860	395.04	ug/l	99
92) Hexachlorobutadiene	9.203	225	1353379	470.74	ug/l	99
93) 1,2,4-Trichlorobenzene	9.112	180	1636133	491.17	ug/l	99
94) 1,2,3-Trichlorobenzene	9.443	180	1327550	477.76	ug/l	99
95) Naphthalene	9.293	128	2034367	485.59	ug/l	100

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



SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71375.D Sam Mult : 1 Vial# : 17 Qt On : 01/27/10 12:46
 Acq On : 01/27/10 12:34 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GCMSData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.568	96	253229	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.402	117	180903	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.821	152	89713	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.129	111	71199	31.40	ug/l	0.00
Spiked Amount	30.000		Recovery	=	104.67%	
35) 1,2-Dichloroethane-d4	4.357	102	9329	28.85	ug/l	-0.01
Spiked Amount	30.000		Recovery	=	96.17%	
59) Toluene-d8	5.530	100	156620	28.45	ug/l	0.00
Spiked Amount	30.000		Recovery	=	94.83%	
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.	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-Dichloroethane	0.000		0	N.D.	d	
23) Methyl Acetate	0.000		0	N.D.	d	
24) Methyl-t-butyl ether	2.962	73	2922	0.90	ug/l #	48
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	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	4.393	78	17109	1.52	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	5.566	92	12224	1.59	ug/l	92
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	6.462	106	4339	1.26	ug/l	73
66) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
68) Styrene	0.000		0	N.D.	d	
69) m&p-Xylenes	6.534	106	13395	2.70	ug/l	93

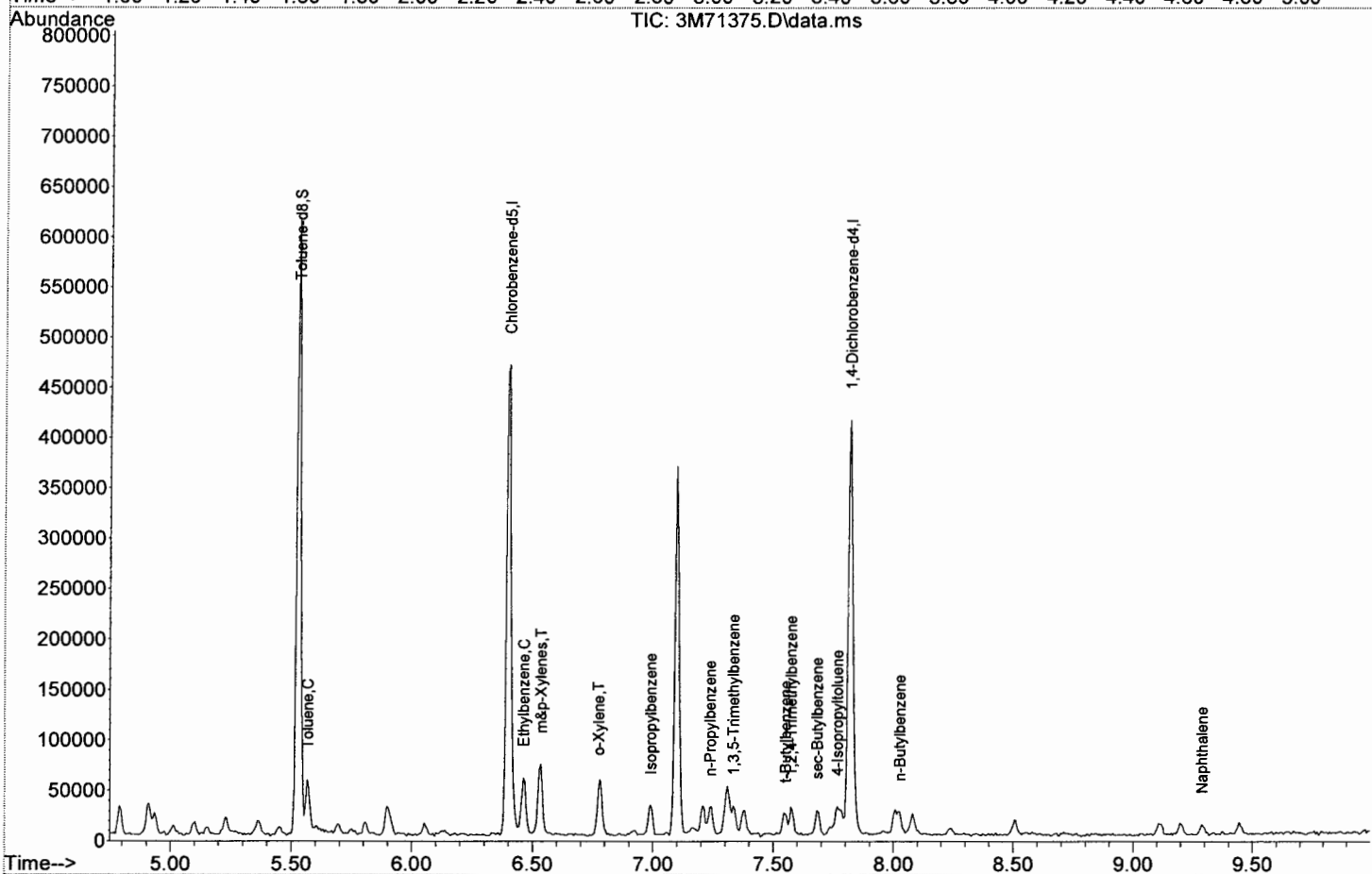
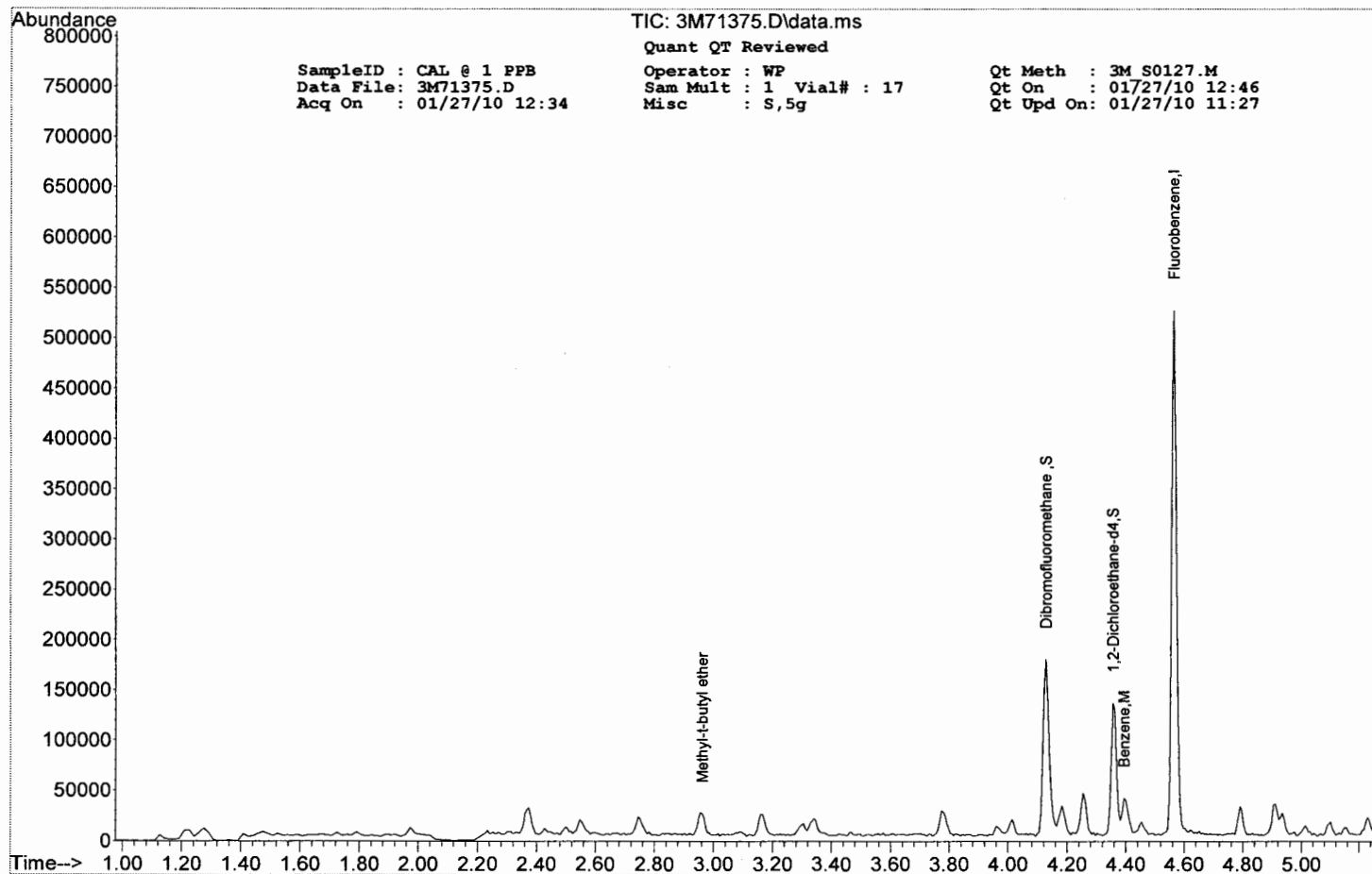
Quantitation Report (QT Reviewed)

SampleID : CAL @ 1 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71375.D Sam Mult : 1 Vial# : 17 Qt On : 01/27/10 12:46
 Acq On : 01/27/10 12:34 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.774	106	6063	1.28	ug/l	74
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	6.991	105	12612	0.94	ug/l	92
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	7.237	91	17214	1.01	ug/l	99
82) Bromobenzene	0.000		0	N.D.	d	
83) 1,3,5-Trimethylbenzene	7.334	105	10273	0.99	ug/l	58
84) t-Butylbenzene	7.550	119	8130	0.80	ug/l	97
85) 1,2,4-Trimethylbenzene	7.574	105	10976	1.07	ug/l	81
86) sec-Butylbenzene	7.682	105	11086	0.75	ug/l	95
87) 4-Isopropyltoluene	7.767	119	9156	0.84	ug/l	93
88) n-Butylbenzene	8.025	91	10832	0.77	ug/l	97
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	9.288	128	5213	1.24	ug/l	100

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



SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71374.D Sam Mult : 1 Vial# : 16 Qt On : 01/27/10 12:32
 Acq On : 01/27/10 12:18 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.567	96	283024	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.401	117	195276	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.820	152	96553	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.128	111	76285	30.10	ug/l	0.00
Spiked Amount 30.000			Recovery	=	100.33%	
35) 1,2-Dichloroethane-d4	4.356	102	11073	30.64	ug/l	-0.01
Spiked Amount 30.000			Recovery	=	102.13%	
59) Toluene-d8	5.529	100	173534	29.20	ug/l	0.00
Spiked Amount 30.000			Recovery	=	97.33%	
67) Bromofluorobenzene	7.104	174	80223	28.95	ug/l	0.00
Spiked Amount 30.000			Recovery	=	96.50%	
Target Compounds						
5) Chlorodifluoromethane	0.000		0	N.D.	d	Qvalue
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	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.	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	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	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.	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	6.467	106	2017	0.54	ug/l	84
66) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d	
68) Styrene	0.000		0	N.D.	d	
69) m&p-Xylenes	6.533	106	5597	1.05	ug/l	97

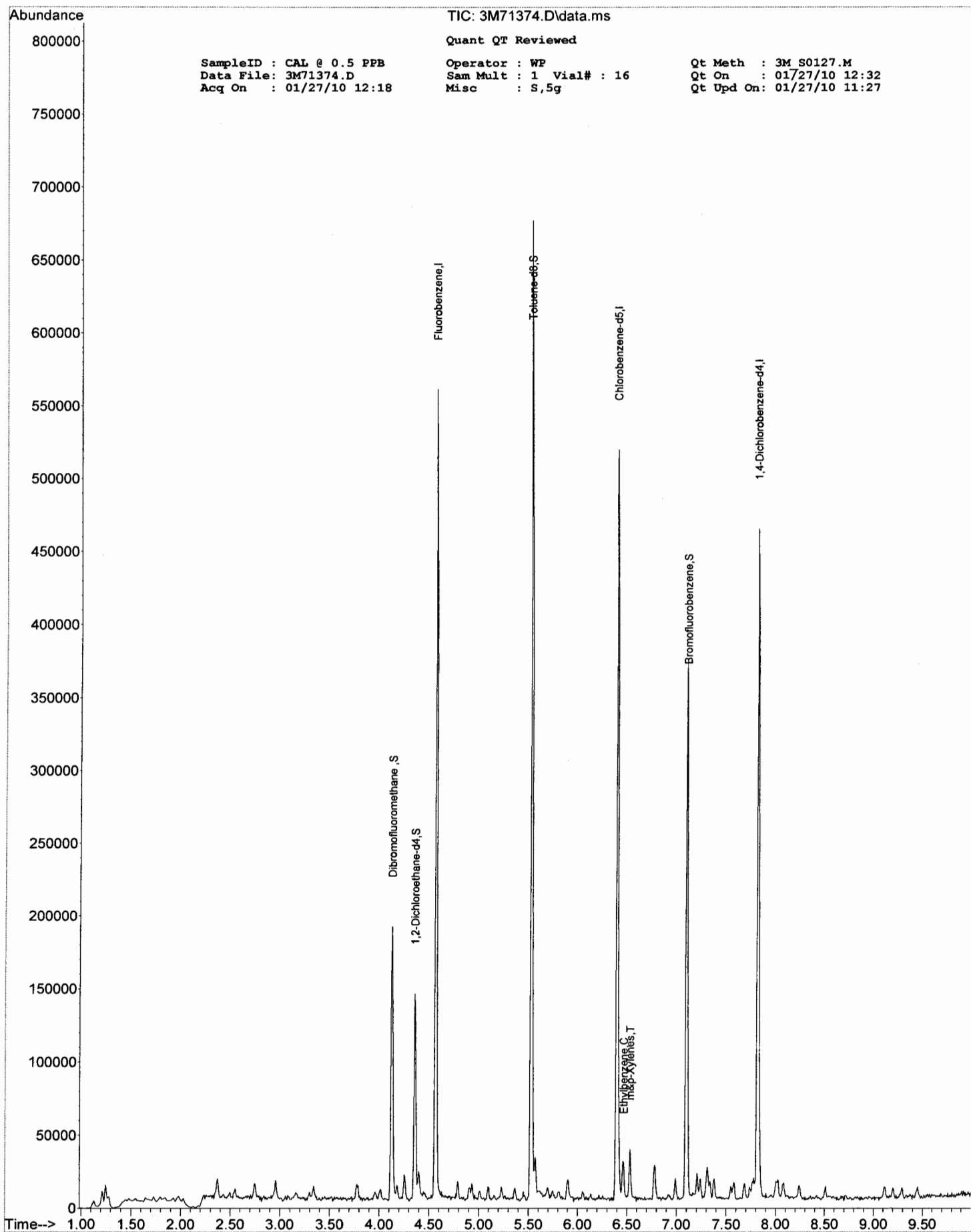
Quantitation Report (QT Reviewed)

SampleID : CAL @ 0.5 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71374.D Sam Mult : 1 Vial# : 16 Qt On : 01/27/10 12:32
 Acq On : 01/27/10 12:18 Misc : S,5g Qt Upd On: 01/27/10 11:27

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\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



Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Calibration Level Concentrations															
								Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9							
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	Ft1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd							
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				
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				
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	20.00	5.00	10.00				
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				
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	20.00	5.00	10.00				
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				
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				
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				
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				
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				
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				
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				
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				
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				
t-Butyl Alcohol	1	0	Avg	0.0092	0.0072	0.0081	0.0094	0.0091	0.0083	0.0087	----	0.0086	2.90	0.999	0.999	9.1	100.0	25.00	50.00				
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				
Diisopropyl-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				
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	20.00	5.00	10.00				
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				
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				
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	20.00	5.00	10.00				
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				
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				
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				
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				
1,4-Dioxane	1	0	Avg	0.0017	0.0019	0.0017	0.0018	0.0019	0.0017	0.0015	----	0.0017	8.5	0.995	1.00	8.8	100.0	25.00	50.00				
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				
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	20.00	5.00	10.00				
Dibromofluoromethane	1	0	Avg	0.2549	0.2661	0.2703	0.2742	0.2725	0.2574	0.2685	0.2846	0.270	4.17	-1	----	3.7	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				
1,2-Dichloroethane-d4	1	0	Avg	0.0474	0.0489	0.0515	0.0480	0.0484	0.0494	0.0445	0.0531	0.0490	4.40	-1	----	5.0	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				
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				
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				
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				
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				
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				
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				
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				
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	20.00	5.00	10.00				
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				

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

* - spec compound

Note:

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

Avg Rsd: 10.2

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Calibration Level Concentrations															
								Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8	Lv9							
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	AvgRt	RT	Corr1	Corr2	%Rsd						
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					
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					
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					
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					
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					
trans-1,3-Dichloropropene	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					
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					
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					
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					
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					
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					
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					
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					
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	20.00					
1,1,1,2-Tetrachloroethene	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					
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	20.00					
Bromotorm	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	20.00					
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	20.00					
1,1,2,2-Tetrachloroethene	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	20.00					
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					
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					
m&o-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					
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					
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					
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					
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					
1,2-Dichlorobenzene	1	0	Avg	1.7354	1.8481	1.8710	1.7137	1.6345	1.4833	1.2869	----	----	1.65	8.12	0.995	1.00	12	20.00					
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					
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					
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					
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					
D-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					
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					
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					
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					
1,3,5-Trimethylbenzene	1	0	Avg	3.5063	3.5445	3.5615	3.6626	3.0285	2.7657	----	3.8416	----	3.42	7.39	0.996	0.999	11	20.00					
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					
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					
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					
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					
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					

Flags

a - failed the spec criteria

* - ccc compound

b - failed the ccc criteria

** - spec compound

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

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.

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	Ft:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	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-Chlorop	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 spec criteria * - spec compound

b - failed the ccc criteria ** - spec compound

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

Note:

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

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

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

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-Dichloroethane	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

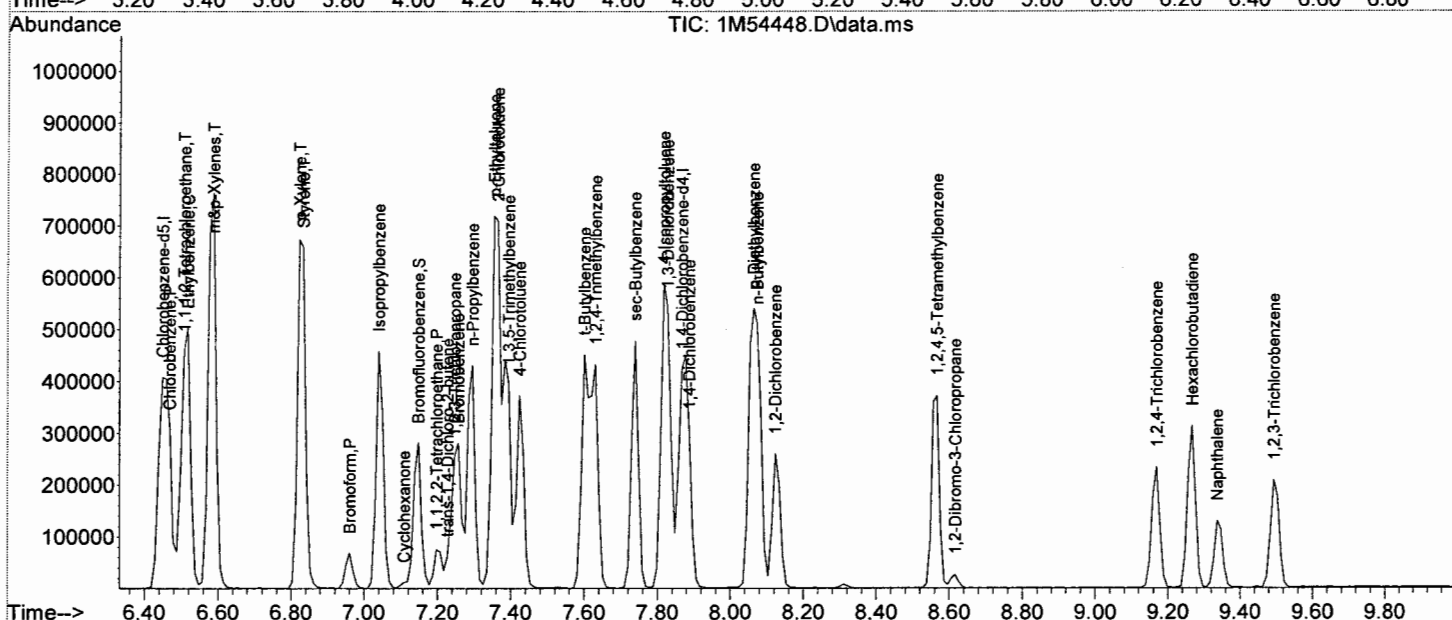
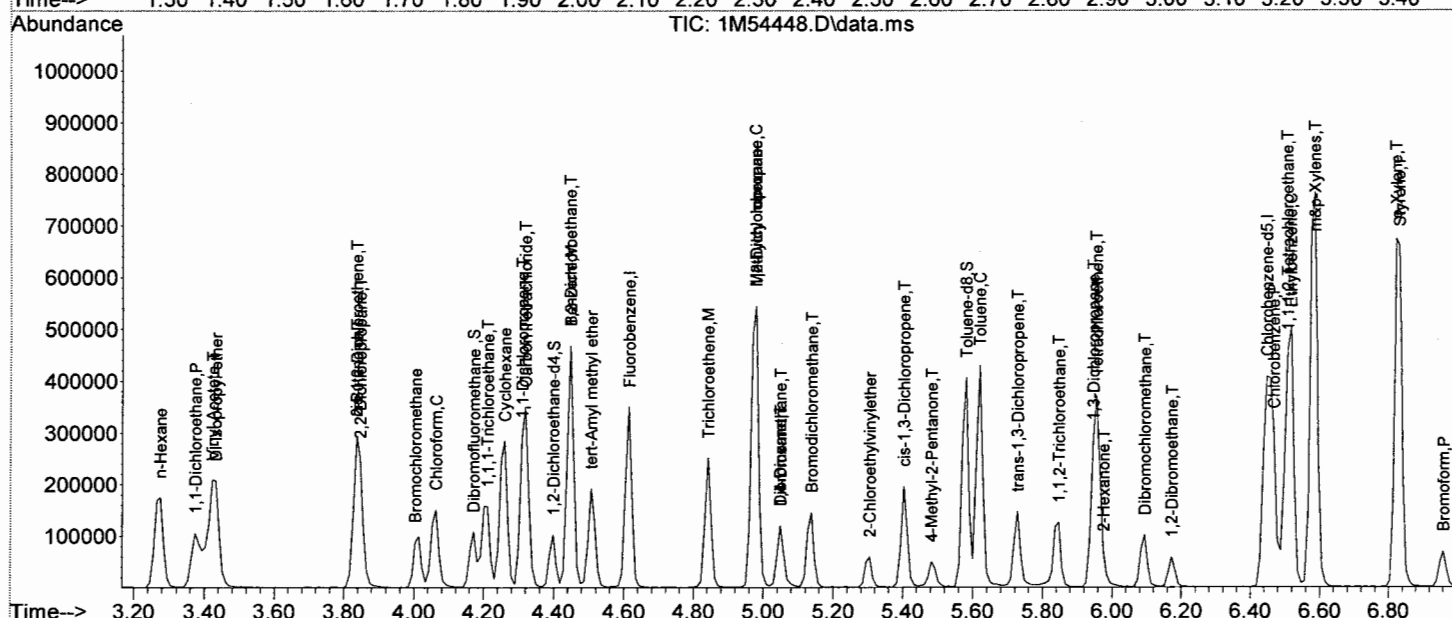
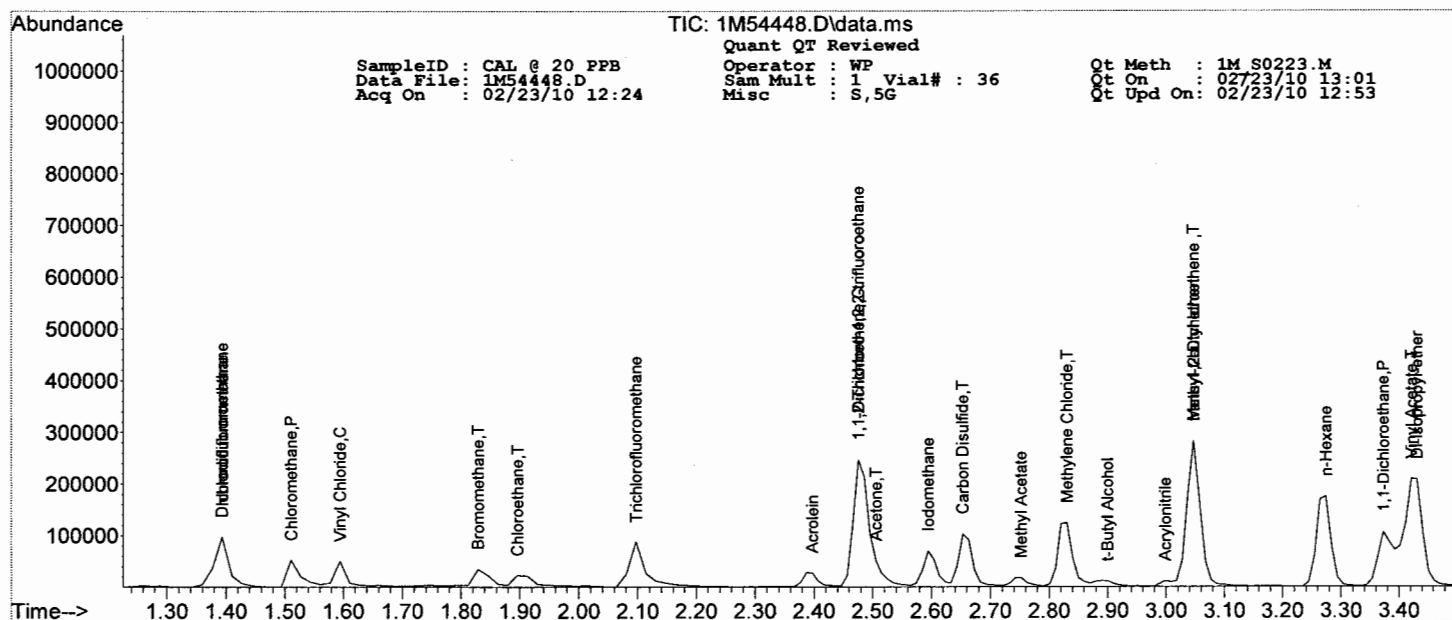
Quantitation Report (QT Reviewed)

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



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

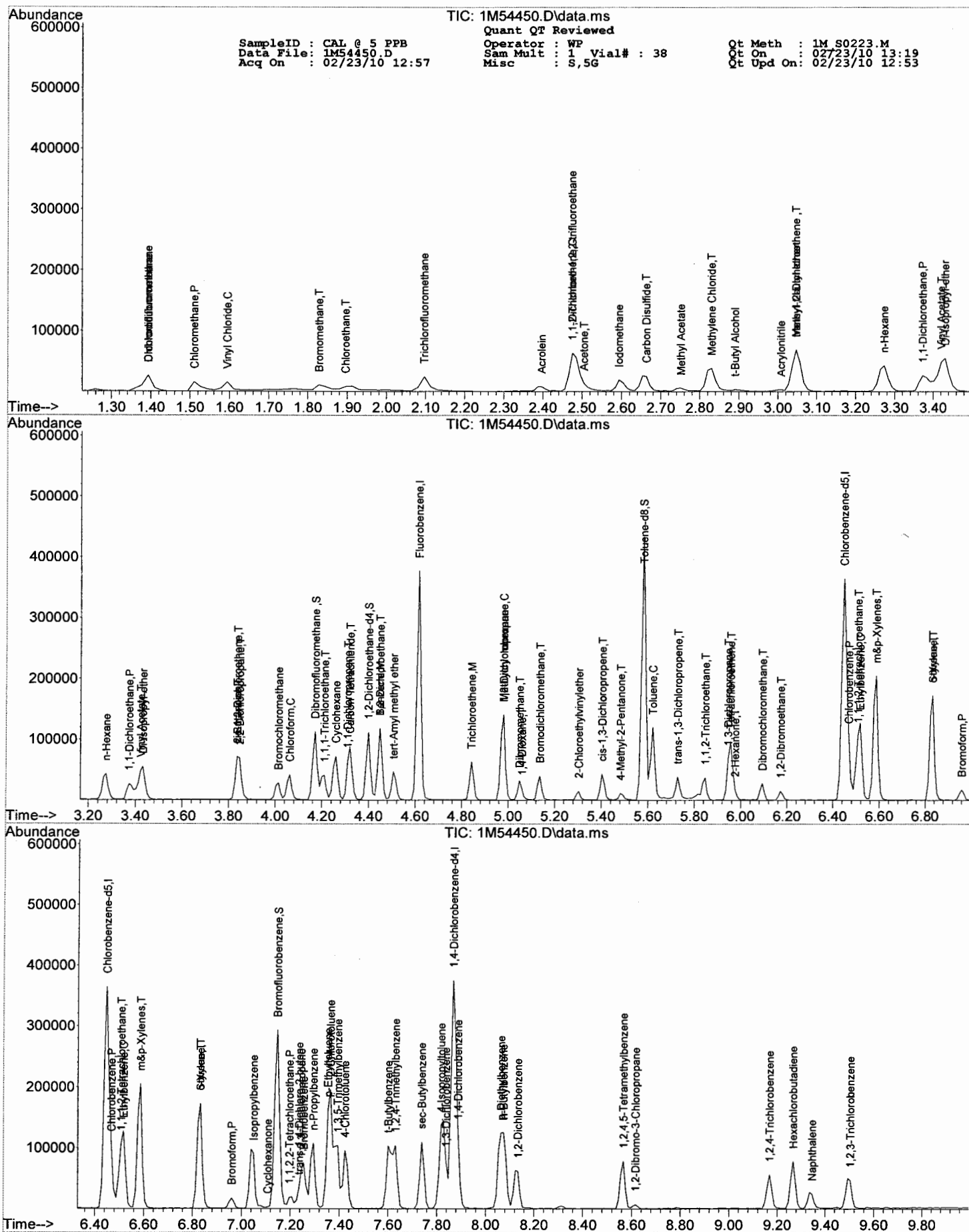
Quantitation Report (QT Reviewed)

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



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

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-Dichloroethane	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

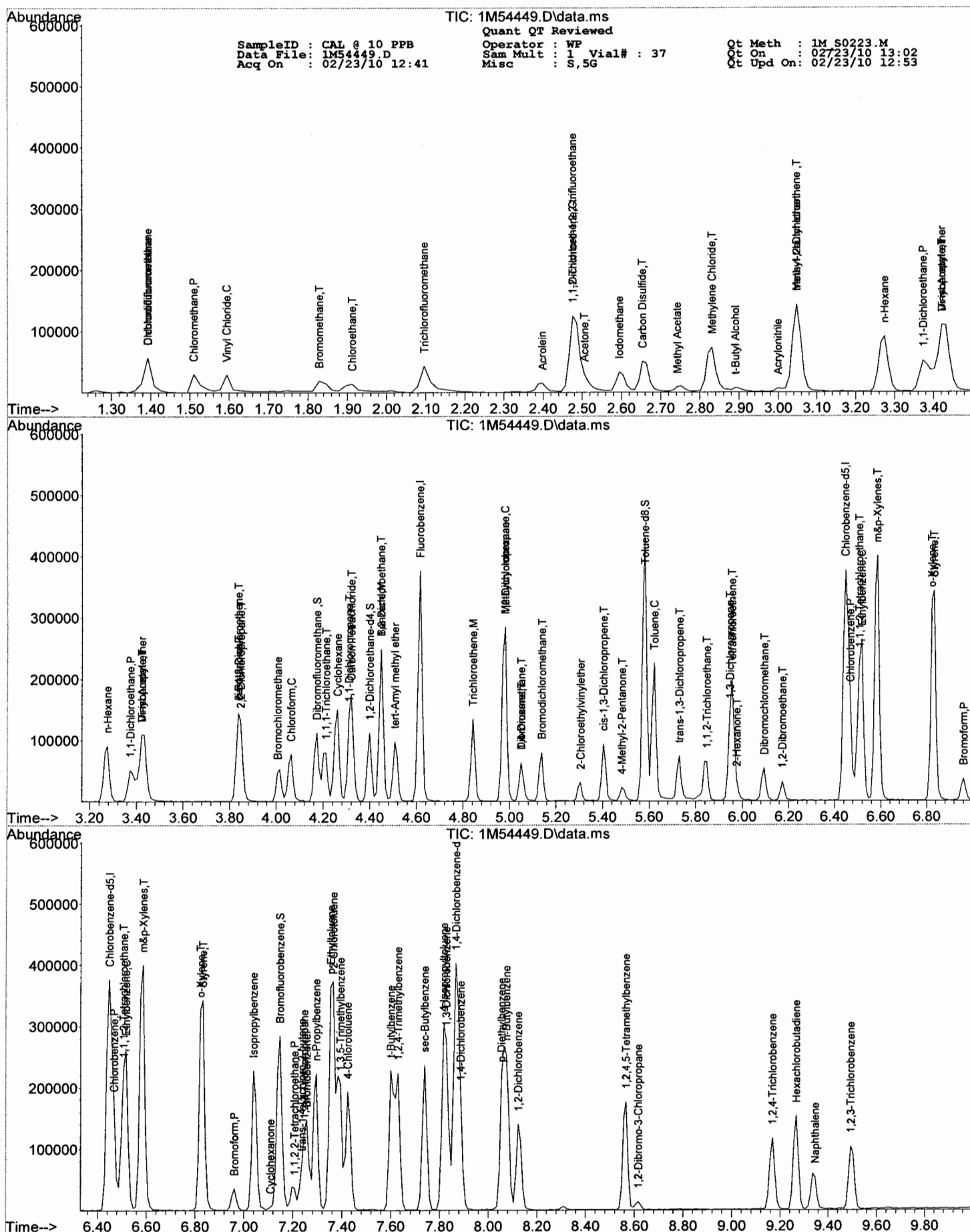
Quantitation Report (QT Reviewed)

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



SampleID : CAL @ 50 PPB
 Data File: 1M54447.D
 Acq On : 02/23/10 12:08

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

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

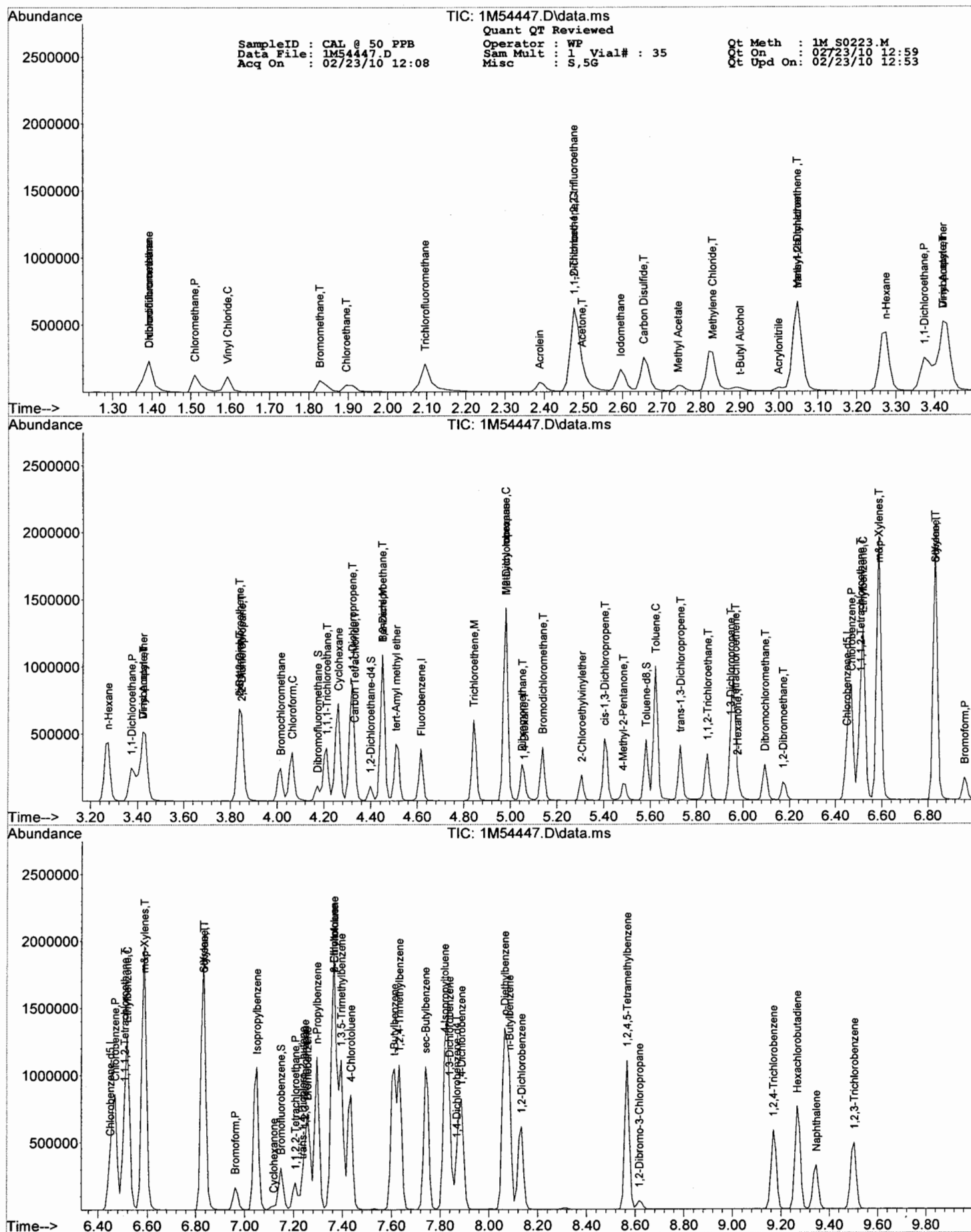
Quantitation Report (QT Reviewed)

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



SampleID : CAL @ 100 PPB
 Data File: 1M54446.D
 Acq On : 02/23/10 11:52

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

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-Dichloroethane	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

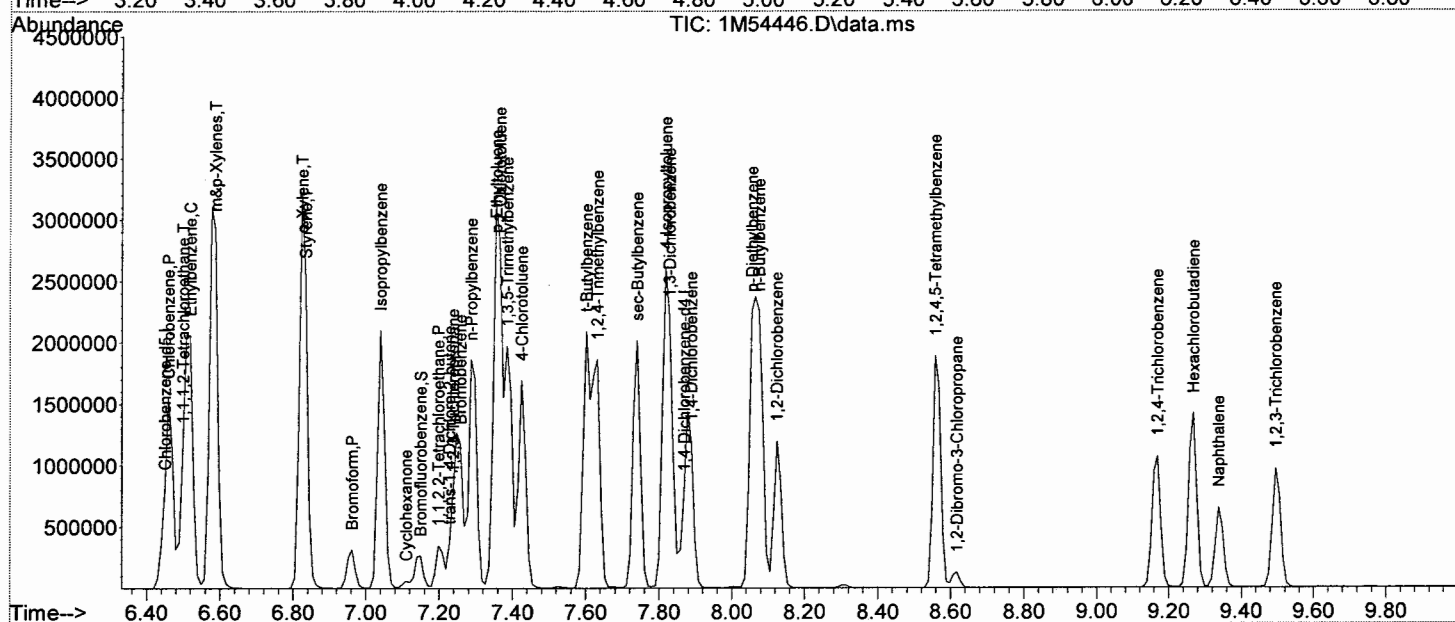
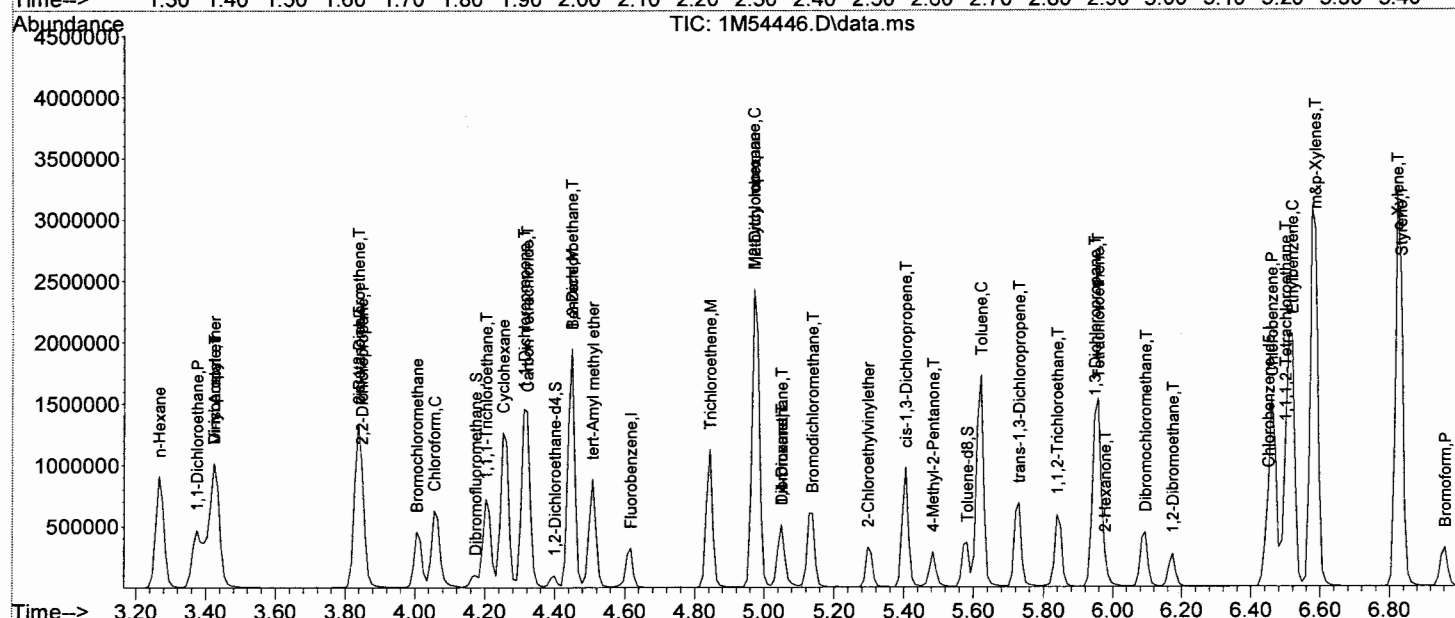
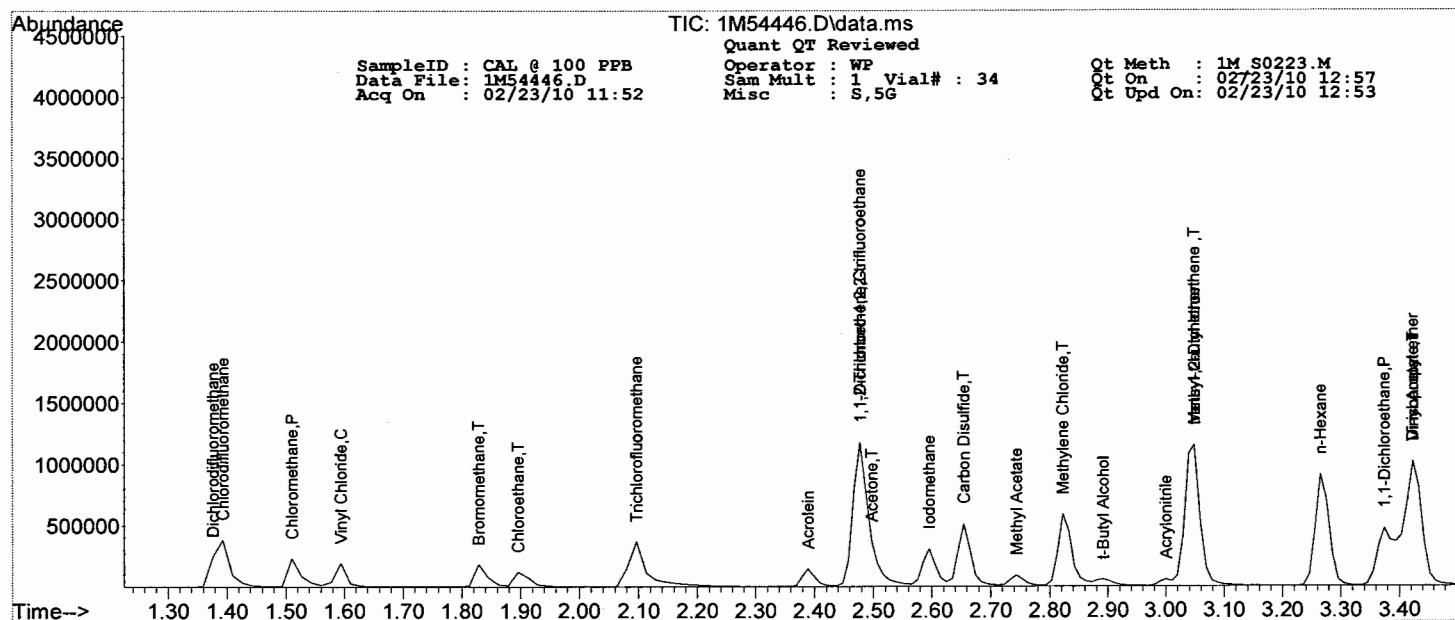
Quantitation Report (QT Reviewed)

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



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

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						
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

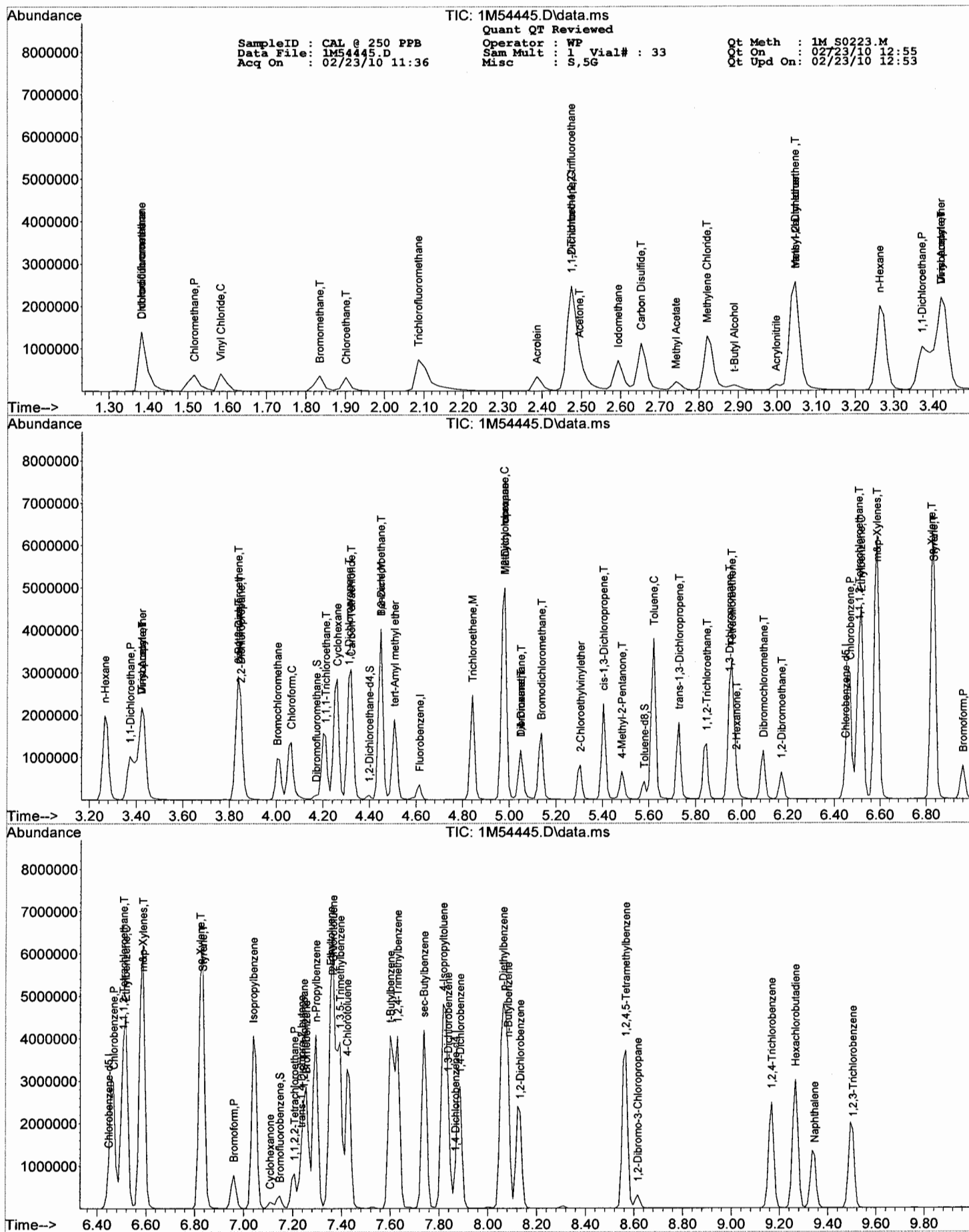
Quantitation Report (QT Reviewed)

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



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

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-Dichloroethane	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

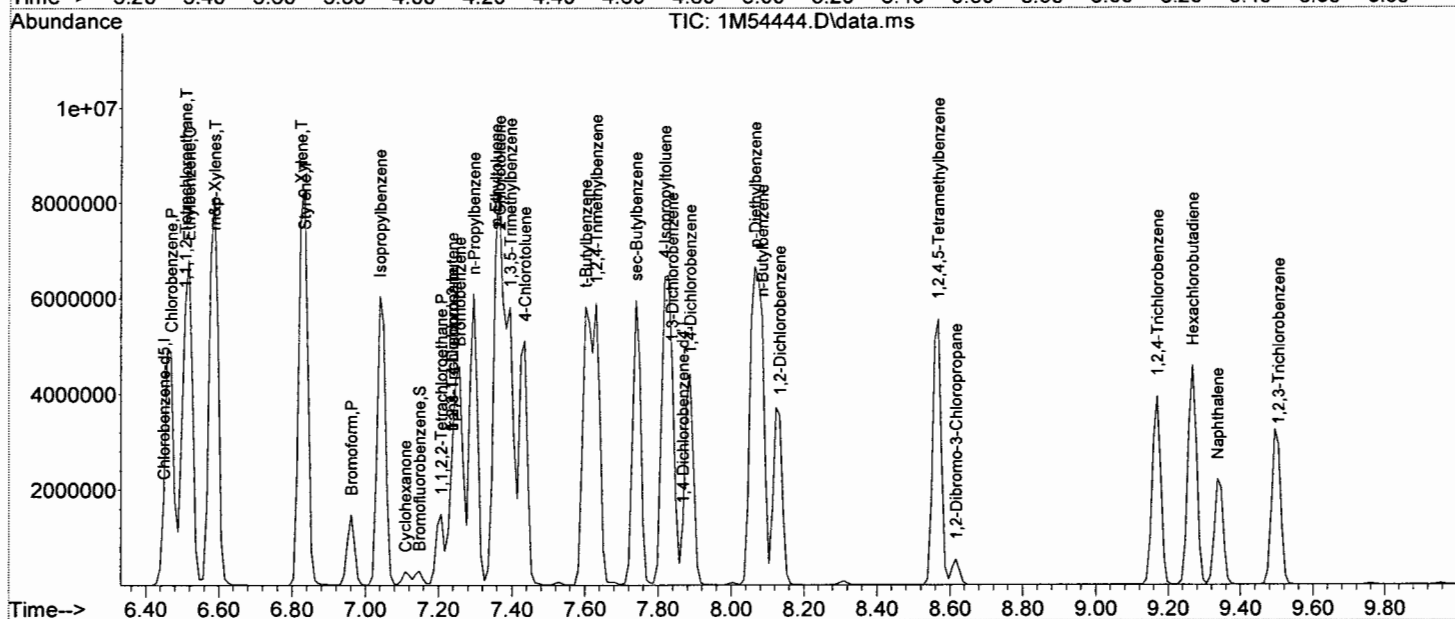
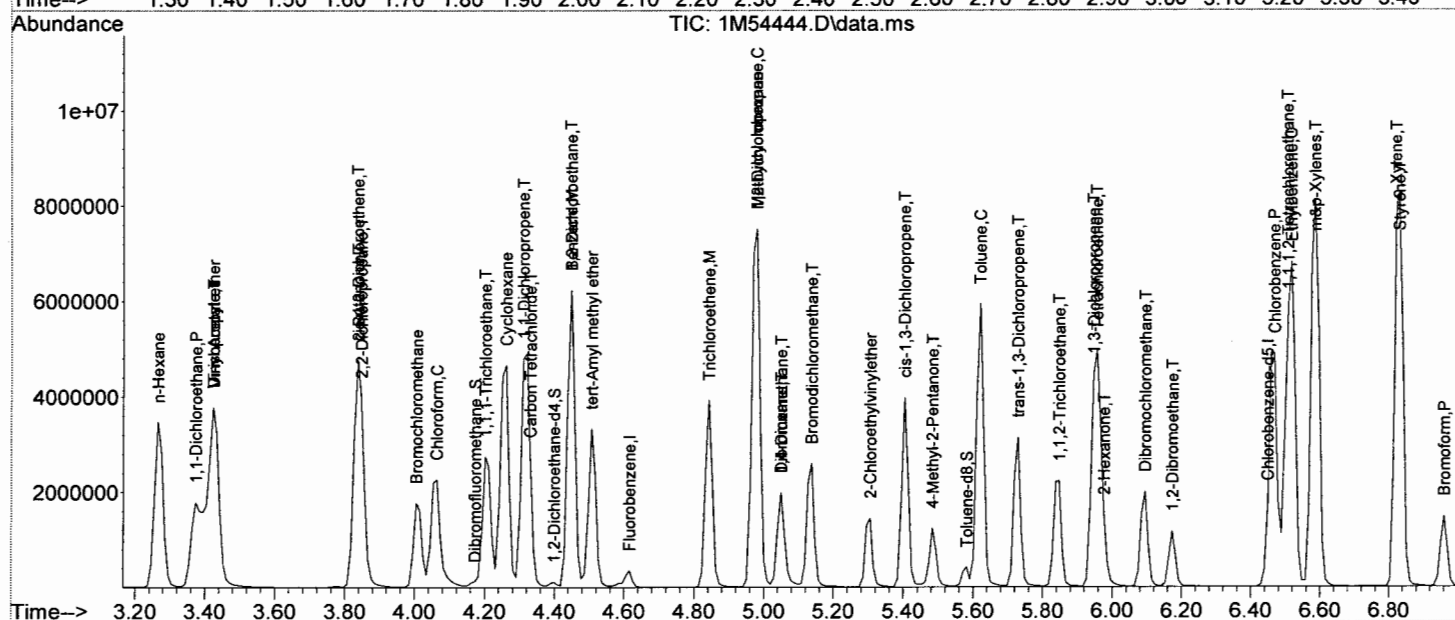
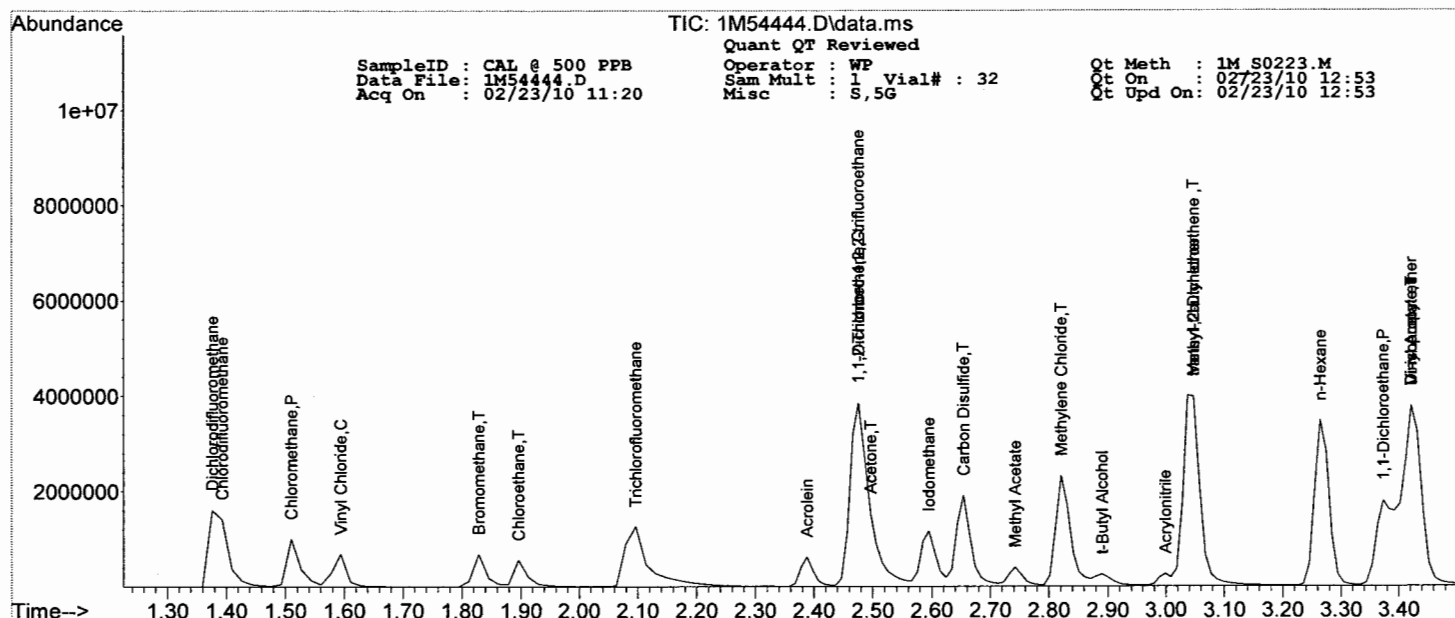
Quantitation Report (QT Reviewed)

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



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

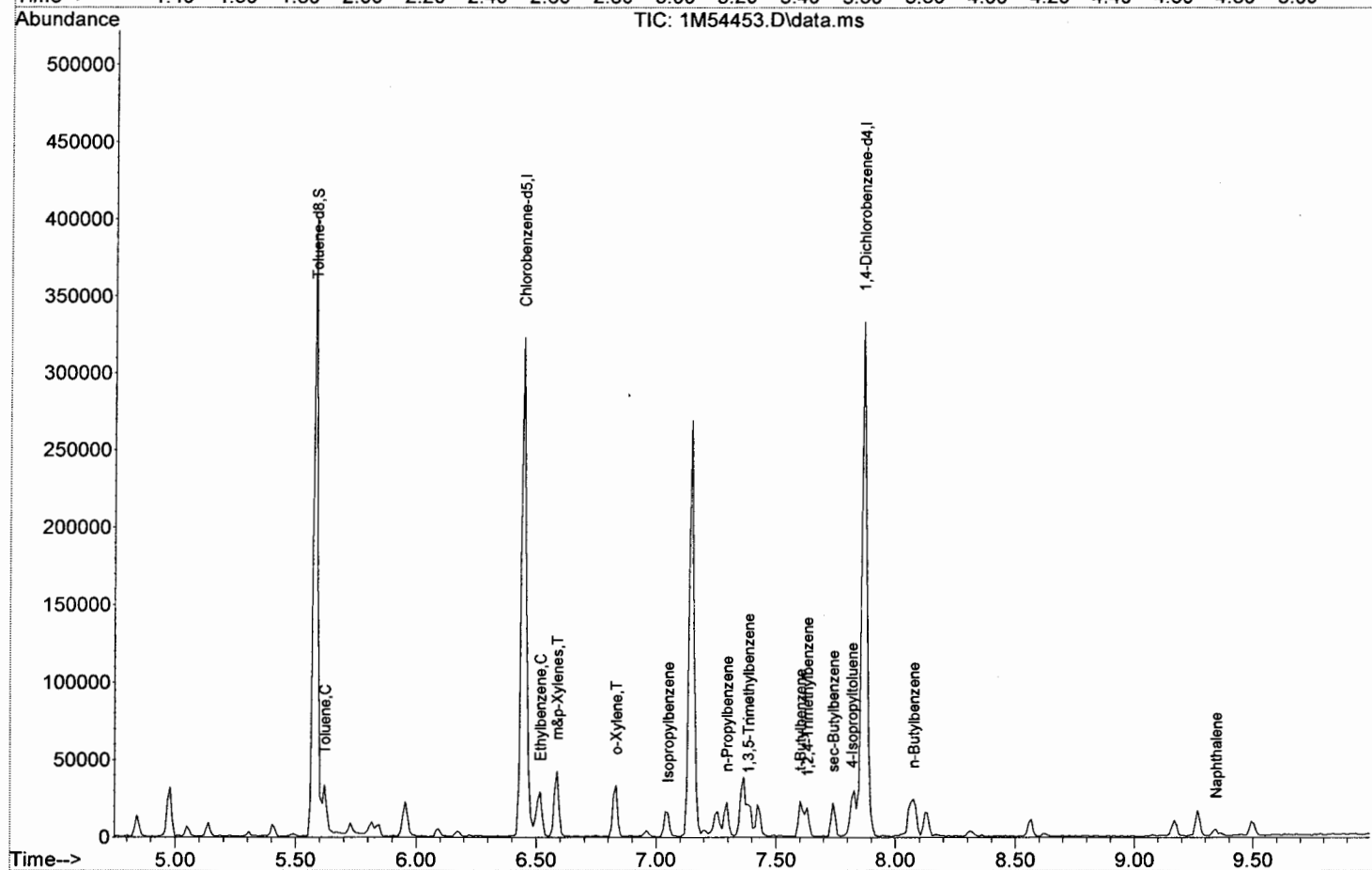
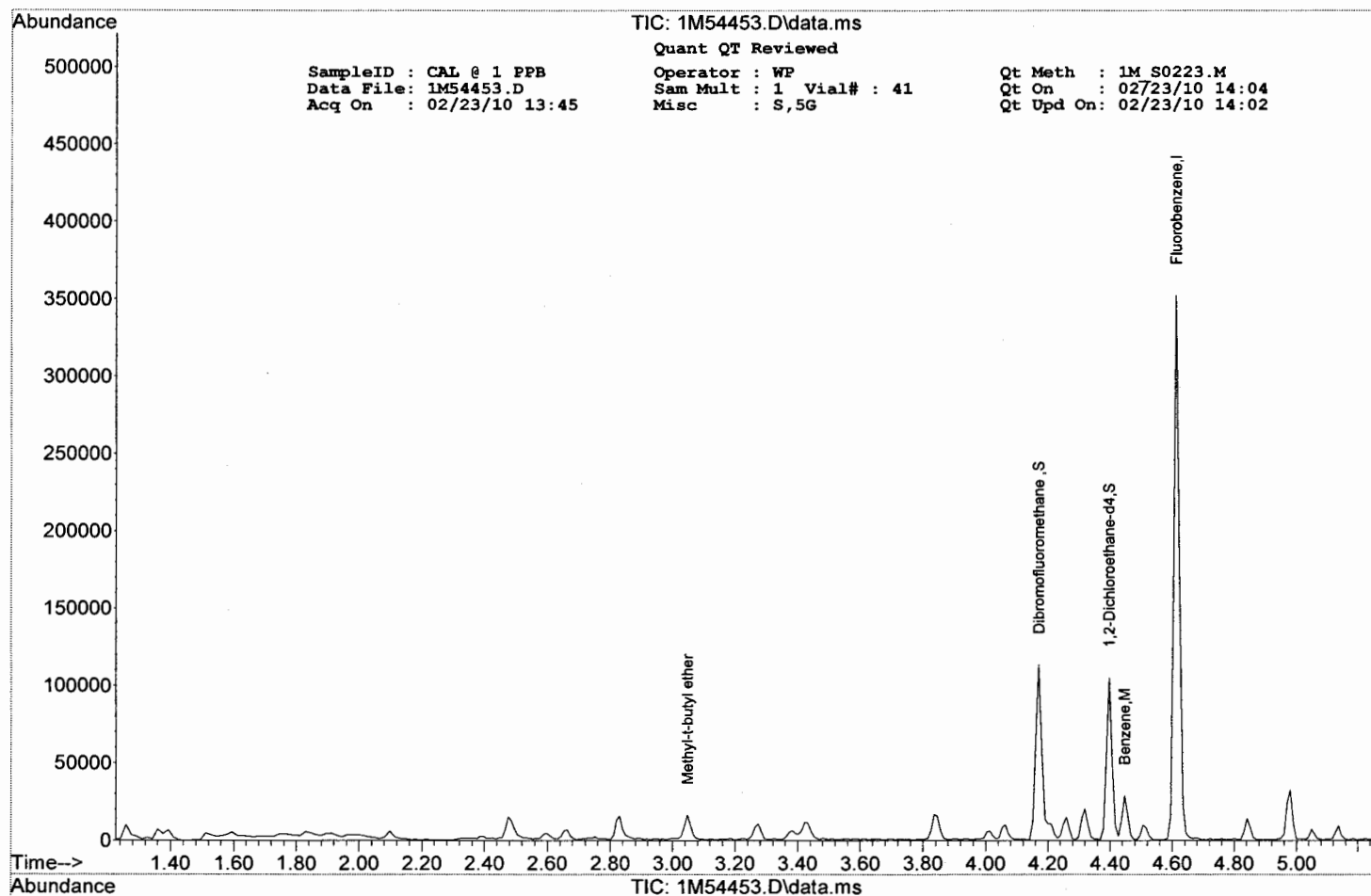
Quantitation Report (QT Reviewed)

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



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.	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	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.	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	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	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.	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	6.586	106	3747	1.18	ug/l	78

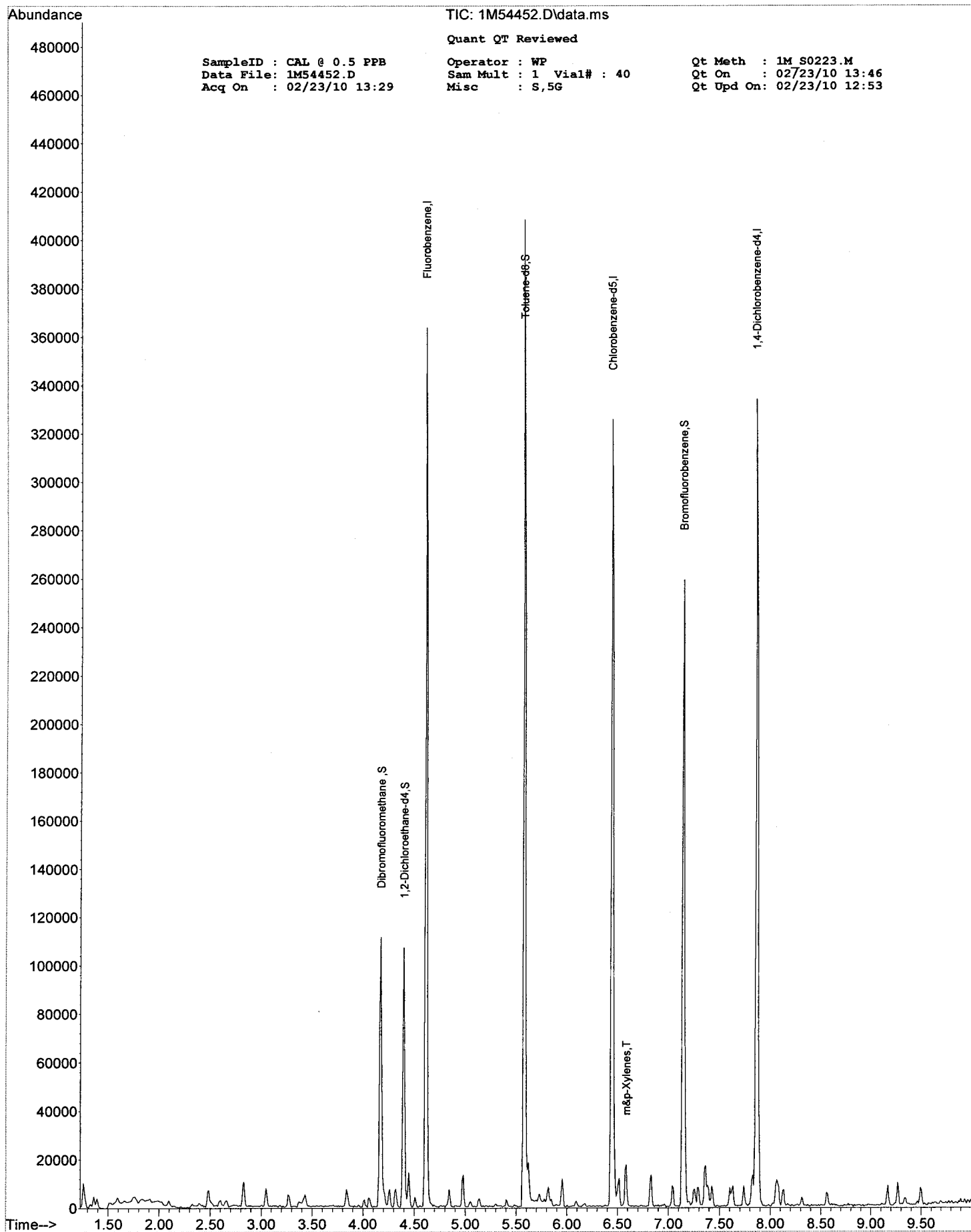
Quantitation Report (QT Reviewed)

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



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB Data File: 1M54507.D
 Cont Calibration Date/Time 2/25/2010 7:15:00 A Method: EPA 8260B

Instrument: GCMS 1

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	48.54				0.599			
Dichlorodifluoromethane	1	0		1.38	52.08	50			0.350	0.365	4.16	
Chloromethane	1	0	CP	1.52	42.23	50	0.1		0.416	0.351	15.54	
Bromomethane	1	0		1.83	53.32	50			0.161	0.171	6.64	
Vinyl Chloride	1	0	CC	1.60	46.32	50	20		0.282	0.261	7.36	
Chloroethane	1	0		1.90	55.13	50			0.163	0.179	10.26	
Trichlorofluoromethane	1	0		2.10	58.94	50			0.610	0.719	17.88	
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0		2.48	56.47	50			0.314	0.355	12.94	
Methylene Chloride	1	0		2.83	51.63	50			0.359	0.371	3.26	
Acrolein	1	0		2.40	239.24	250			0.035	0.033	4.30	
Acrylonitrile	1	0		3.01	37.54	50			0.079	0.059	24.92	
Iodomethane	1	0		2.59	53.24	50			0.509	0.542	6.48	
Acetone	1	0		2.51	260.87	250			0.063	0.061	4.35	
Carbon Disulfide	1	0		2.66	55.19	50			0.947	1.045	10.38	
t-Butyl Alcohol	1	0		2.89	239.82	250			0.009	0.008	4.07	
n-Hexane	1	0		3.27	56.96	50			0.516	0.588	13.92	
Di-isopropyl-ether	1	0		3.43	48.58	50			1.274	1.238	2.84	
1,1-Dichloroethene	1	0	CC	2.48	55.39	50	20		0.704	0.780	10.78	
Methyl Acetate	1	0		2.75	44.95	50			0.182	0.164	10.10	
Methyl-t-butyl ether	1	0		3.05	48.72	50			0.476	0.464	2.56	
1,1-Dichloroethane	1	0	CP	3.37	51.96	50	0.1		0.754	0.783	3.92	
trans-1,2-Dichloroethene	1	0		3.05	55.74	50			0.345	0.384	11.48	
cis-1,2-Dichloroethene	1	0		3.84	51.69	50			0.716	0.741	3.38	
Bromochloromethane	1	0		4.01	48.38	50			0.346	0.334	3.24	
2,2-Dichloropropane	1	0		3.85	57.35	50			0.464	0.532	14.70	
1,4-Dioxane	1	0		5.06	2826.23	2500			0.002	0.002	13.05	
1,1-Dichloropropene	1	0		4.32	53.02	50			0.605	0.642	6.04	
Chloroform	1	0	CC	4.06	52.92	50	20		0.659	0.697	5.84	
Dibromofluoromethane	1	0	S	4.17	31.36	75			0.270	0.282	4.53	
Cyclohexane	1	0		4.26	54.25	50			0.765	0.830	8.50	
1,2-Dichloroethane-d4	1	0	S	4.40	36.30	75			0.049	0.059	21.00	
1,2-Dichloroethane	1	0		4.45	49.23	50			0.528	0.520	1.54	
2-Butanone	1	0		3.84	49.89	50			0.107	0.107	0.22	
1,1,1-Trichloroethane	1	0		4.21	54.41	50			0.546	0.594	8.82	
Carbon Tetrachloride	1	0		4.33	56.43	50			0.486	0.549	12.86	
Vinyl Acetate	1	0		3.43	48.73	50			1.110	1.082	2.54	
Bromodichloromethane	1	0		5.14	51.47	50			0.531	0.547	2.94	
Methylcyclohexane	1	0		4.98	55.64	50			0.674	0.750	11.28	
Dibromomethane	1	0		5.06	52.17	50			0.233	0.243	4.34	
1,2-Dichloropropane	1	0	CC	4.98	47.10	50	20		0.401	0.377	5.80	
Trichloroethene	1	0		4.85	54.63	50			0.409	0.447	9.26	
Benzene	1	0		4.46	61.89	50			1.520	1.449	23.78	
tert-Amvl methyl ether	1	0		4.52	45.62	50			0.448	0.409	8.76	
Chlorobenzene-d5	1	0	I	6.45	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.10	50.89	50			0.438	0.446	1.78	
2-Chloroethylvinylether	1	0		5.30	49.98	50			0.206	0.206	0.04	
cis-1,3-Dichloropropene	1	0		5.41	52.87	50			0.729	0.771	5.74	
trans-1,3-Dichloropropene	1	0		5.73	52.57	50			0.587	0.617	5.14	
1,1,2-Trichloroethane	1	0		5.85	49.49	50			0.321	0.318	1.02	
1,2-Dibromoethane	1	0		6.18	49.10	50			0.332	0.326	1.80	
1,3-Dichloropropane	1	0		5.96	44.42	50			0.631	0.560	11.16	
4-Methyl-2-Pentanone	1	0		5.49	46.92	50			0.311	0.292	6.16	
2-Hexanone	1	0		5.98	45.56	50			0.210	0.191	8.88	
Tetrachloroethene	1	0		5.97	50.53	50			0.549	0.555	1.06	
Toluene-d8	1	0	S	5.58	31.03	75			0.900	0.931	3.43	
Toluene	1	0	CC	5.62	59.84	50	20		1.325	1.257	19.68	
1,1,1,2-Tetrachloroethane	1	0		6.51	48.64	50			0.443	0.431	2.72	
Chlorobenzene	1	0	CP	6.47	47.60	50	0.3		1.356	1.291	4.80	
1,4-Dichlorobenzene-d4	1	0	I	7.88	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.97	48.24	50	0.1		0.519	0.501	3.52	
Ethylbenzene	1	0	CC	6.53	44.56	50	20		0.992	0.884	10.88	
1,1,2,2-Tetrachloroethane	1	0	CP	7.21	44.31	50	0.3		0.638	0.565	11.38	
Bromofluorobenzene	1	0	S	7.16	28.29	75			0.890	0.839	5.70	
Styrene	1	0		6.84	47.88	50			2.307	2.209	4.24	
m&p-Xylenes	1	0		6.59	94.03	100			1.505	1.415	5.97	
o-Xylene	1	0		6.83	47.70	50			1.425	1.359	4.60	
trans-1,4-Dichloro-2-butene	1	0		7.24	48.06	50			0.255	0.245	3.88	
1,3-Dichlorobenzene	1	0		7.84	46.59	50			1.936	1.804	6.82	
1,4-Dichlorobenzene	1	0		7.90	48.12	50			1.887	1.816	3.76	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound 1 - Internal Standard
 * - Failed the C or P Criteria

** - No limit specified in method

Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cont Calibration Date/Time 2/25/2010 7:15:00 AData File: 1M54507.D
Method: EPA 8260B

Instrument: GCMS 1

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	48.71	50			1.655	1.612	2.58	
Isopropylbenzene	1	0		7.05	50.67	50			3.873	3.924	1.34	
Cyclohexanone	1	0		7.12	184.85				0.019			
1,2,3-Trichloropropane	1	0		7.25	44.78	50			0.849	0.760	10.44	
2-Chlorotoluene	1	0		7.37	49.08	50			2.373	2.292	1.84	
p-Ethyltoluene	1	0		7.36	50.40				4.476			
4-Chlorotoluene	1	0		7.43	48.26	50			2.408	2.324	3.48	
n-Propylbenzene	1	0		7.30	49.16	50			4.847	4.765	1.68	
Bromobenzene	1	0		7.27	46.26	50			2.325	2.151	7.48	
1,3,5-Trimethylbenzene	1	0		7.39	43.01	50			3.419	2.941	13.98	
t-Butylbenzene	1	0		7.61	50.46	50			3.186	3.215	0.92	
1,2,4-Trimethylbenzene	1	0		7.64	49.52	50			3.343	3.310	0.96	
sec-Butylbenzene	1	0		7.75	51.71	50			4.168	4.311	3.42	
4-Isopropyltoluene	1	0		7.83	49.95	50			3.489	3.485	0.10	
n-Butylbenzene	1	0		8.08	50.86	50			4.294	4.368	1.72	
p-Diethylbenzene	1	0		8.06	52.03				2.214			
1,2,4,5-Tetramethylbenzene	1	0		8.58	49.88				3.266			
1,2-Dibromo-3-Chloropropane	1	0		8.63	43.53	50			0.127	0.110	12.94	
Hexachlorobutadiene	1	0		9.28	51.62	50			1.197	1.236	3.24	
1,2,4-Trichlorobenzene	1	0		9.18	47.53	50			1.305	1.240	4.94	
1,2,3-Trichlorobenzene	1	0		9.51	44.89	50			1.201	1.078	10.22	
Naphthalene	1	0		9.36	45.01	50			1.660	1.494	9.98	
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
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

Page 2 of 2

** - 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

SampleID : CAL @ 50 PPB
Data File: 1M54507.D
Acq On : 02/25/10 07:15

Operator : WP
Sam Mult : 1 Vial# : 32
Misc : S,5G:.4

Qt Meth : 1M_S0223.M
Qt On : 02/25/10 07:28
Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
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	170080	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	125021	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.877	152	74225	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	48032	31.36	ug/l	0.00
Spiked Amount 30.000			Recovery	=	104.53%	
35) 1,2-Dichloroethane-d4	4.398	102	10078	36.30	ug/l	0.00
Spiked Amount 30.000			Recovery	=	121.00%	
59) Toluene-d8	5.581	100	116446	31.03	ug/l	0.00
Spiked Amount 30.000			Recovery	=	103.43%	
67) Bromofluorobenzene	7.158	174	62258	28.29	ug/l	0.00
Spiked Amount 30.000			Recovery	=	94.30%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.383	51	164738	48.54	ug/l	1
6) Dichlorodifluoromethane	1.383	85	103327	52.08	ug/l	94
7) Chloromethane	1.517	50	99524	42.23	ug/l	97
8) Bromomethane	1.835	94	48609	53.32	ug/l	94
9) Vinyl Chloride	1.600	62	74046	46.32	ug/l	96
10) Chloroethane	1.902	64	50812	55.13	ug/l	94
11) Trichlorofluoromethane	2.103	101	203881	58.94	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	100552	56.47	ug/l	96
13) Methylene Chloride	2.831	84	105092	51.63	ug/l	98
14) Acrolein	2.397	56	47320	239.24	ug/l	97
15) Acrylonitrile	3.008	53	16790	37.54	ug/l	98
16) Iodomethane	2.594	142	153738	53.24	ug/l	76
17) Acetone	2.506	43	86706	260.87	ug/l	100
18) Carbon Disulfide	2.663	76	296238	55.19	ug/l	100
19) t-Butyl Alcohol	2.890	59	11713	239.82	ug/l	46
20) n-Hexane	3.274	57	166598	56.96	ug/l	90
21) Di-isopropyl-ether	3.432	45	350865	48.58	ug/l	89
22) 1,1-Dichloroethene	2.476	61	221010	55.39	ug/l	89
23) Methyl Acetate	2.752	43	46397	44.95	ug/l	100
24) Methyl-t-butyl ether	3.048	73	131390	48.72	ug/l	70
25) 1,1-Dichloroethane	3.373	63	222094	51.96	ug/l	100
26) trans-1,2-Dichloroethene	3.048	96	108912	55.74	ug/l	86
27) cis-1,2-Dichloroethene	3.836	61	209929	51.69	ug/l	91
28) Bromochloromethane	4.014	49	94812	48.38	ug/l	82
29) 2,2-Dichloropropane	3.846	77	150826	57.35	ug/l	93
30) 1,4-Dioxane	5.058	88	28585	2826.23	ug/l	79
31) 1,1-Dichloropropene	4.319	75	181965	53.02	ug/l	97
32) Chloroform	4.063	83	197641	52.92	ug/l	98
34) Cyclohexane	4.260	56	235242	54.25	ug/l	90
36) 1,2-Dichloroethane	4.447	62	147275	49.23	ug/l	96
37) 2-Butanone	3.836	43	30293	49.89	ug/l	94
38) 1,1,1-Trichloroethane	4.211	97	168375	54.41	ug/l	98
39) Carbon Tetrachloride	4.329	117	155624	56.43	ug/l	89
40) Vinyl Acetate	3.432	43	306733	48.73	ug/l	100
41) Bromodichloromethane	5.137	83	154921	51.47	ug/l	96
42) Methylcyclohexane	4.979	83	212734	55.64	ug/l	80
43) Dibromomethane	5.058	174	69017	52.17	ug/l	95
44) 1,2-Dichloropropane	4.979	63	106987	47.10	ug/l	92
45) Trichloroethene	4.851	130	126683	54.63	ug/l	98
46) Benzene	4.457	78	410662	61.89	ug/l	100
47) tert-Amyl methyl ether	4.516	73	115968	45.62	ug/l	83
49) Dibromochloromethane	6.103	129	92985	50.89	ug/l	98
50) 2-Chloroethylvinylether	5.305	63	42880	49.98	ug/l	91
51) cis-1,3-Dichloropropene	5.413	75	160728	52.87	ug/l	100
52) trans-1,3-Dichloropropene	5.728	75	128533	52.57	ug/l	99
53) 1,1,2-Trichloroethane	5.847	97	66219	49.49	ug/l	95
54) 1,2-Dibromoethane	6.182	107	68024	49.10	ug/l	99
55) 1,3-Dichloropropane	5.955	76	116747	44.42	ug/l	98
56) 4-Methyl-2-Pentanone	5.492	43	60892	46.92	ug/l	96
57) 2-Hexanone	5.985	43	39866	45.56	ug/l	99
58) Tetrachloroethene	5.965	164	115696	50.53	ug/l	97
60) Toluene	5.620	92	262023	59.84	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.507	133	89706	48.64	ug/l	97
62) Chlorobenzene	6.468	112	269086	47.60	ug/l	100
64) Bromoform	6.970	173	61973	48.24	ug/l	98
65) Ethylbenzene	6.527	106	109384	44.56	ug/l	100
66) 1,1,2,2-Tetrachloroethane	7.207	83	69897	44.31	ug/l	88
68) Styrene	6.842	104	273266	47.88	ug/l	98
69) m&p-Xylenes	6.586	106	350051	94.03	ug/l	90

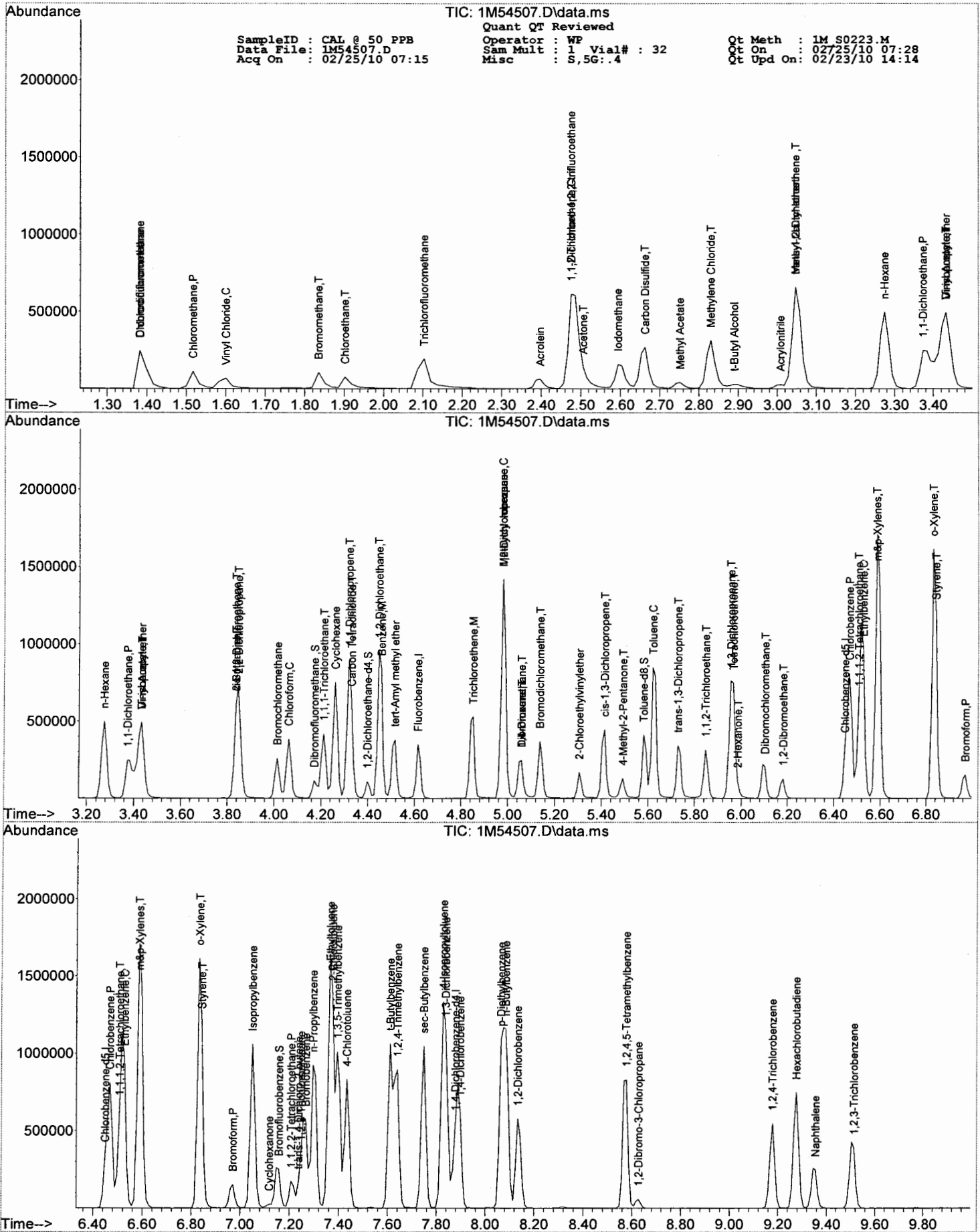
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54507.D Sam Mult : 1 Vial# : 32 Qt On : 02/25/10 07:28
 Acq On : 02/25/10 07:15 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
 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	168113	47.70	ug/l	82
71) trans-1,4-Dichloro-2-b...	7.236	53	30267	48.06	ug/l	64
72) 1,3-Dichlorobenzene	7.838	146	223158	46.59	ug/l	91
73) 1,4-Dichlorobenzene	7.897	146	224701	48.12	ug/l	94
74) 1,2-Dichlorobenzene	8.133	146	199415	48.71	ug/l	95
75) Isopropylbenzene	7.049	105	485486	50.67	ug/l	98
76) Cyclohexanone	7.118	55	8671	184.85	ug/l	98
77) 1,2,3-Trichloropropane	7.246	75	94025	44.78	ug/l	94
78) 2-Chlorotoluene	7.374	91	283478	49.08	ug/l	97
79) p-Ethyltoluene	7.365	105	558190	50.40	ug/l	97
80) 4-Chlorotoluene	7.434	91	287479	48.26	ug/l	97
81) n-Propylbenzene	7.296	91	589507	49.16	ug/l	96
82) Bromobenzene	7.266	77	266140	46.26	ug/l	87
83) 1,3,5-Trimethylbenzene	7.394	105	363832	43.01	ug/l	97
84) t-Butylbenzene	7.611	119	397727	50.46	ug/l	91
85) 1,2,4-Trimethylbenzene	7.640	105	409525	49.52	ug/l	97
86) sec-Butylbenzene	7.749	105	533246	51.71	ug/l	100
87) 4-Isopropyltoluene	7.828	119	431129	49.95	ug/l	94
88) n-Butylbenzene	8.084	91	540327	50.86	ug/l	99
89) p-Diethylbenzene	8.064	119	284976	52.03	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.577	119	403039	49.88	ug/l	100
91) 1,2-Dibromo-3-Chloropr...	8.626	157	13660	43.53	ug/l	79
92) Hexachlorobutadiene	9.277	225	152878	51.62	ug/l	98
93) 1,2,4-Trichlorobenzene	9.178	180	153403	47.53	ug/l	98
94) 1,2,3-Trichlorobenzene	9.513	180	133360	44.89	ug/l	95
95) Naphthalene	9.355	128	184830	45.01	ug/l	100

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



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cont Calibration Date/Time 2/25/2010 3:19:00 P

Data File: 1M54537.D
Method: EPA 8260B

Instrument: GCMS 1

TxtCompd:	Co#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.63	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.39	43.80				0.599			
Dichlorodifluoromethane	1	0		1.39	40.75	50			0.350	0.285	18.50	
Chloromethane	1	0	CP	1.51	56.05	50	0.1		0.416	0.466	12.10	
Bromomethane	1	0		1.85	53.88	50			0.161	0.173	7.76	
Vinyl Chloride	1	0	CC	1.59	56.18	50	20		0.282	0.317	12.36	
Chloroethane	1	0		1.91	55.86	50			0.163	0.182	11.72	
Trichlorofluoromethane	1	0		2.10	50.70	50			0.610	0.619	1.40	
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0		2.49	53.21	50			0.314	0.334	6.42	
Methylene Chloride	1	0		2.84	57.16	50			0.359	0.410	14.32	
Acrolein	1	0		2.40	268.95	250			0.035	0.038	7.58	
Acrylonitrile	1	0		3.02	55.99	50			0.079	0.088	11.98	
Iodomethane	1	0		2.60	57.34	50			0.509	0.584	14.68	
Acetone	1	0		2.51	292.24	250			0.063	0.067	16.90	
Carbon Disulfide	1	0		2.66	55.77	50			0.947	1.056	11.54	
t-Butyl Alcohol	1	0		2.90	266.84	250			0.009	0.009	6.74	
n-Hexane	1	0		3.28	54.16	50			0.516	0.559	8.32	
Di-isopropyl-ether	1	0		3.44	56.84	50			1.274	1.448	13.68	
1,1-Dichloroethene	1	0	CC	2.49	58.36	50	20		0.704	0.821	16.72	
Methyl Acetate	1	0		2.75	57.38	50			0.182	0.209	14.76	
Methyl-t-butyl ether	1	0		3.06	57.22	50			0.476	0.544	14.44	
1,1-Dichloroethane	1	0	CP	3.38	58.49	50	0.1		0.754	0.882	16.98	
trans-1,2-Dichloroethene	1	0		3.06	58.32	50			0.345	0.402	16.64	
cis-1,2-Dichloroethene	1	0		3.86	57.09	50			0.716	0.818	14.18	
Bromochloromethane	1	0		4.02	53.55	50			0.346	0.370	7.10	
2,2-Dichloropropane	1	0		3.86	57.71	50			0.464	0.535	15.42	
1,4-Dioxane	1	0		5.07	2916.18	2500			0.002	0.002	16.65	
1,1-Dichloropropene	1	0		4.33	52.37	50			0.605	0.634	4.74	
Chloroform	1	0	CC	4.07	57.49	50	20		0.659	0.757	14.98	
Dibromofluoromethane	1	0	S	4.18	30.19	75			0.270	0.272	0.63	
Cyclohexane	1	0		4.27	53.32	50			0.765	0.816	6.64	
1,2-Dichloroethane-d4	1	0	S	4.41	32.79	75			0.049	0.054	9.30	
1,2-Dichloroethane	1	0		4.46	54.81	50			0.528	0.578	9.62	
2-Butanone	1	0		3.85	58.12	50			0.107	0.125	16.24	
1,1,1-Trichloroethane	1	0		4.22	55.34	50			0.546	0.604	10.68	
Carbon Tetrachloride	1	0		4.34	55.47	50			0.486	0.540	10.94	
Vinyl Acetate	1	0		3.44	54.20	50			1.110	1.204	8.40	
Bromodichloromethane	1	0		5.15	56.16	50			0.531	0.596	12.32	
Methylcyclohexane	1	0		4.99	53.22	50			0.674	0.718	6.44	
Dibromomethane	1	0		5.07	58.29	50			0.233	0.272	16.58	
1,2-Dichloropropane	1	0	CC	4.99	54.17	50	20		0.401	0.434	8.34	
Trichloroethene	1	0		4.86	55.88	50			0.409	0.457	11.76	
Benzene	1	0		4.47	65.13	50			1.520	1.525	30.26	
tert-Amvl methyl ether	1	0		4.53	53.63	50			0.448	0.481	7.26	
Chlorobenzene-d5	1	0	I	6.47	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.11	52.71	50			0.438	0.462	5.42	
2-Chloroethylvinylether	1	0		5.31	54.38	50			0.206	0.224	8.76	
cis-1,3-Dichloropropene	1	0		5.42	54.58	50			0.729	0.796	9.16	
trans-1,3-Dichloropropene	1	0		5.75	53.33	50			0.587	0.626	6.66	
1,1,2-Trichloroethane	1	0		5.87	51.37	50			0.321	0.330	2.74	
1,2-Dibromoethane	1	0		6.19	53.01	50			0.332	0.352	6.02	
1,3-Dichloropropane	1	0		5.96	49.64	50			0.631	0.626	0.72	
4-Methyl-2-Pentanone	1	0		5.50	51.57	50			0.311	0.321	3.14	
2-Hexanone	1	0		5.99	53.40	50			0.210	0.224	6.80	
Tetrachloroethene	1	0		5.97	46.69	50			0.549	0.513	6.62	
Toluene-d8	1	0	S	5.60	29.30	75			0.900	0.879	2.33	
Toluene	1	0	CC	5.64	56.92	50	20		1.325	1.196	13.84	
1,1,1,2-Tetrachloroethane	1	0		6.53	48.56	50			0.443	0.430	2.88	
Chlorobenzene	1	0	CP	6.49	46.70	50	0.3		1.356	1.267	6.60	
1,4-Dichlorobenzene-d4	1	0	I	7.89	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.98	52.43	50	0.1		0.519	0.545	4.86	
Ethylbenzene	1	0	CC	6.54	48.51	50	20		0.992	0.963	2.98	
1,1,2,2-Tetrachloroethane	1	0	CP	7.23	49.94	50	0.3		0.638	0.637	0.12	
Bromofluorobenzene	1	0	S	7.17	28.96	75			0.890	0.859	3.47	
Styrene	1	0		6.85	49.04	50			2.307	2.263	1.92	
m&o-Xylenes	1	0		6.61	91.66	100			1.505	1.379	8.34	
o-Xylene	1	0		6.85	47.99	50			1.425	1.367	4.02	
trans-1,4-Dichloro-2-butene	1	0		7.26	52.01	50			0.255	0.265	4.02	
1,3-Dichlorobenzene	1	0		7.86	46.14	50			1.936	1.787	7.72	
1,4-Dichlorobenzene	1	0		7.91	48.22	50			1.887	1.820	3.56	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
 Cont Calibration Date/Time 2/25/2010 3:19:00 P

Data File: 1M54537.D
 Method: EPA 8260B

Instrument: GCMS 1

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.15	49.85	50			1.655	1.650	0.30	
Isopropylbenzene	1	0		7.07	50.34	50			3.873	3.899	0.68	
Cyclohexanone	1	0		7.13	225.93				0.019			
1,2,3-Trichloropropane	1	0		7.27	50.32	50			0.849	0.854	0.64	
2-Chlorotoluene	1	0		7.38	51.13	50			2.373	2.382	2.26	
p-Ethyltoluene	1	0		7.37	46.23				4.476			
4-Chlorotoluene	1	0		7.45	42.78	50			2.408	2.060	14.44	
n-Propylbenzene	1	0		7.31	48.52	50			4.847	4.703	2.96	
Bromobenzene	1	0		7.28	48.00	50			2.325	2.232	4.00	
1,3,5-Trimethylbenzene	1	0		7.37	60.53	50			3.419	4.139	21.06	
t-Butylbenzene	1	0		7.63	50.67	50			3.186	3.229	1.34	
1,2,4-Trimethylbenzene	1	0		7.65	50.73	50			3.343	3.391	1.46	
sec-Butylbenzene	1	0		7.76	51.91	50			4.168	4.327	3.82	
4-Isopropyltoluene	1	0		7.84	49.95	50			3.489	3.485	0.10	
n-Butylbenzene	1	0		8.10	51.41	50			4.294	4.416	2.82	
p-Diethylbenzene	1	0		8.08	52.46				2.214			
1,2,4,5-Tetramethylbenzene	1	0		8.59	55.82				3.266			
1,2-Dibromo-3-Chloropropane	1	0		8.65	50.49	50			0.127	0.128	0.98	
Hexachlorobutadiene	1	0		9.29	54.99	50			1.197	1.316	9.98	
1,2,4-Trichlorobenzene	1	0		9.19	52.34	50			1.305	1.366	4.68	
1,2,3-Trichlorobenzene	1	0		9.52	49.27	50			1.201	1.183	1.46	
Naphthalene	1	0		9.36	51.18	50			1.660	1.699	2.36	
1,2-Dioxane	1	100		0.00	0.00	5000			0.000	0.000	100.00	
Freon 113	1	100		0.00	0.00	50			0.000	0.000	100.00	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
 * - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54537.D Sam Mult : 1 Vial# : 52 Qt On : 02/25/10 15:32
 Acq On : 02/25/10 15:19 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	4.634	96	174285	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.467	117	138620	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.886	152	79526	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	47377	30.19	ug/l	0.00
Spiked Amount 30.000			Recovery	=	100.63%	
35) 1,2-Dichloroethane-d4	4.407	102	9328	32.79	ug/l	0.00
Spiked Amount 30.000			Recovery	=	109.30%	
59) Toluene-d8	5.600	100	121904	29.30	ug/l	0.02
Spiked Amount 30.000			Recovery	=	97.67%	
67) Bromofluorobenzene	7.167	174	68275	28.96	ug/l	0.02
Spiked Amount 30.000			Recovery	=	96.53%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.393	51	152326	43.80	ug/l	1
6) Dichlorodifluoromethane	1.393	85	82843	40.75	ug/l	97
7) Chloromethane	1.511	50	135342	56.05	ug/l	96
8) Bromomethane	1.846	94	50333	53.88	ug/l	98
9) Vinyl Chloride	1.594	62	92017	56.18	ug/l	99
10) Chloroethane	1.913	64	52753	55.86	ug/l	91
11) Trichlorofluoromethane	2.097	101	179688	50.70	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.485	101	97087	53.21	ug/l	97
13) Methylene Chloride	2.840	84	119224	57.16	ug/l	100
14) Acrolein	2.397	56	54511	268.95	ug/l	96
15) Acrylonitrile	3.018	53	25659	55.99	ug/l	99
16) Iodomethane	2.604	142	169661	57.34	ug/l	71
17) Acetone	2.505	43	97813	292.24	ug/l	100
18) Carbon Disulfide	2.663	76	306743	55.77	ug/l	100
19) t-Butyl Alcohol	2.899	59	13355	266.84	ug/l	88
20) n-Hexane	3.284	57	162313	54.16	ug/l	90
21) Di-isopropyl-ether	3.441	45	420652	56.84	ug/l	89
22) 1,1-Dichloroethane	2.485	61	238625	58.36	ug/l	93
23) Methyl Acetate	2.751	43	60682	57.38	ug/l	100
24) Methyl-t-butyl ether	3.057	73	158148	57.22	ug/l	72
25) 1,1-Dichloroethane	3.382	63	256198	58.49	ug/l	99
26) trans-1,2-Dichloroethene	3.057	96	116759	58.32	ug/l	86
27) cis-1,2-Dichloroethene	3.855	61	237595	57.09	ug/l	93
28) Bromochloromethane	4.023	49	107547	53.55	ug/l	74
29) 2,2-Dichloropropane	3.855	77	155528	57.71	ug/l	93
30) 1,4-Dioxane	5.068	88	30224	2916.18	ug/l	66
31) 1,1-Dichloropropene	4.328	75	184200	52.37	ug/l	96
32) Chloroform	4.072	83	220012	57.49	ug/l	100
34) Cyclohexane	4.269	56	236896	53.32	ug/l	89
36) 1,2-Dichloroethane	4.456	62	168020	54.81	ug/l	97
37) 2-Butanone	3.845	43	36165	58.12	ug/l	90
38) 1,1,1-Trichloroethane	4.220	97	175488	55.34	ug/l	97
39) Carbon Tetrachloride	4.338	117	156762	55.47	ug/l	92
40) Vinyl Acetate	3.441	43	349606	54.20	ug/l	100
41) Bromodichloromethane	5.146	83	173245	56.16	ug/l	100
42) Methylcyclohexane	4.989	83	208526	53.22	ug/l	83
43) Dibromomethane	5.068	174	79024	58.29	ug/l	96
44) 1,2-Dichloropropane	4.989	63	126081	54.17	ug/l	89
45) Trichloroethene	4.861	130	132799	55.88	ug/l	94
46) Benzene	4.466	78	442864	65.13	ug/l	100
47) tert-Amyl methyl ether	4.525	73	139706	53.63	ug/l	86
49) Dibromochloromethane	6.112	129	106777	52.71	ug/l	99
50) 2-Chloroethylvinylether	5.314	63	51731	54.38	ug/l	89
51) cis-1,3-Dichloropropene	5.422	75	183960	54.58	ug/l	97
52) trans-1,3-Dichloropropene	5.748	75	144588	53.33	ug/l	96
53) 1,1,2-Trichloroethane	5.866	97	76209	51.37	ug/l	96
54) 1,2-Dibromoethane	6.191	107	81434	53.01	ug/l	94
55) 1,3-Dichloropropane	5.964	76	144669	49.64	ug/l	95
56) 4-Methyl-2-Pentanone	5.501	43	74214	51.57	ug/l	99
57) 2-Hexanone	5.994	43	51813	53.40	ug/l	95
58) Tetrachloroethene	5.974	164	118543	46.69	ug/l	98
60) Toluene	5.639	92	276329	56.92	ug/l	98
61) 1,1,1,2-Tetrachloroethane	6.526	133	99317	48.56	ug/l	94
62) Chlorobenzene	6.487	112	292708	46.70	ug/l	100
64) Bromoform	6.980	173	72171	52.43	ug/l	95
65) Ethylbenzene	6.536	106	127592	48.51	ug/l	97
66) 1,1,2,2-Tetrachloroethane	7.226	83	84409	49.94	ug/l	92
68) Styrene	6.851	104	299882	49.04	ug/l	89
69) m&p-Xylenes	6.605	106	365600	91.66	ug/l	97

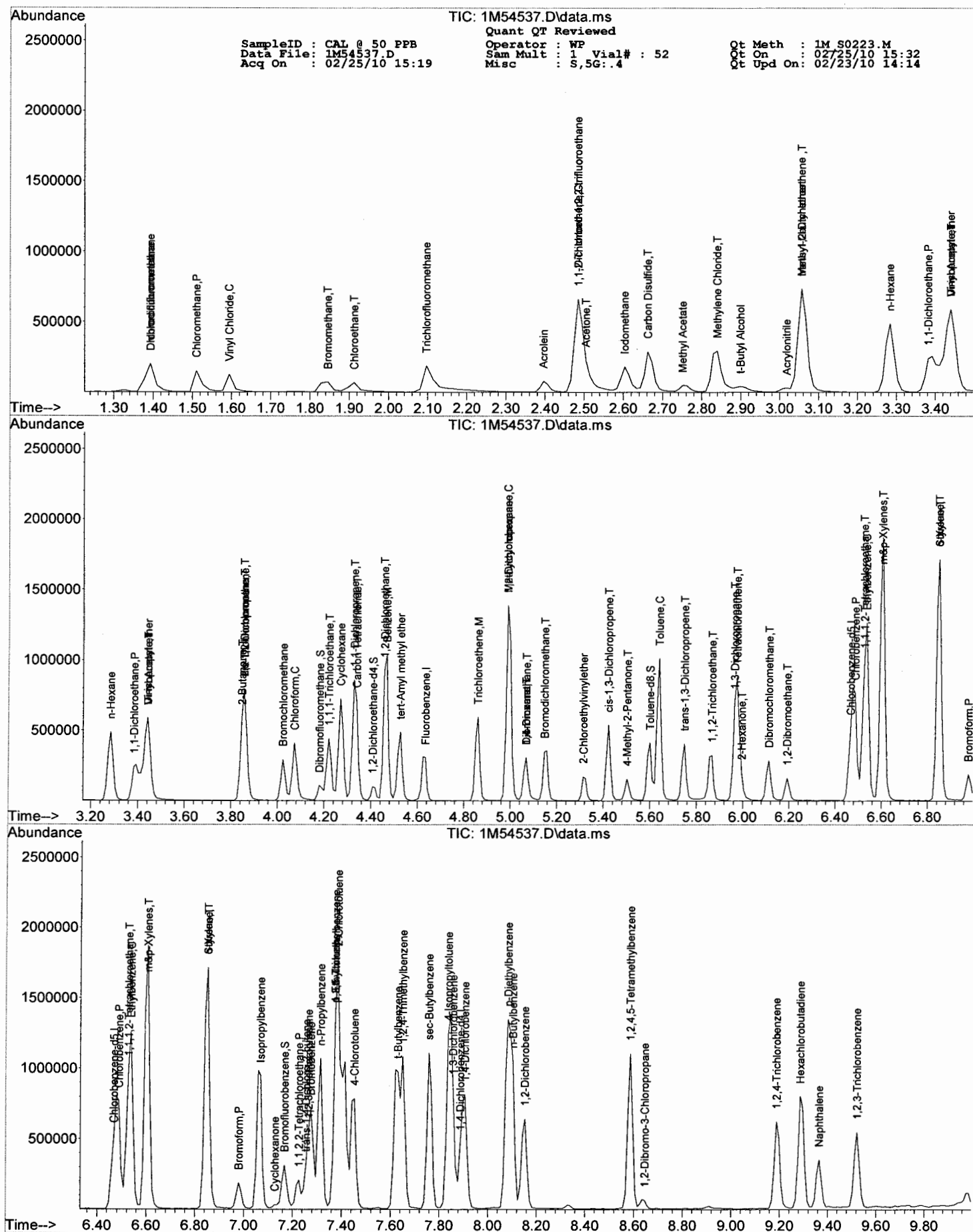
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54537.D Sam Mult : 1 Vial# : 52 Qt On : 02/25/10 15:32
 Acq On : 02/25/10 15:19 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	6.851	106	181227	47.99	ug/l	84
71) trans-1,4-Dichloro-2-b...	7.256	53	35098	52.01	ug/l	68
72) 1,3-Dichlorobenzene	7.857	146	236816	46.14	ug/l	94
73) 1,4-Dichlorobenzene	7.906	146	241236	48.22	ug/l	93
74) 1,2-Dichlorobenzene	8.152	146	218657	49.85	ug/l	95
75) Isopropylbenzene	7.068	105	516737	50.34	ug/l	97
76) Cyclohexanone	7.127	55	11355	225.93	ug/l	98
77) 1,2,3-Trichloropropane	7.265	75	113206	50.32	ug/l	93
78) 2-Chlorotoluene	7.384	91	315760	51.13	ug/l	95
79) p-Ethyltoluene	7.374	105	548540	46.23	ug/l	91
80) 4-Chlorotoluene	7.453	91	273024	42.78	ug/l	98
81) n-Propylbenzene	7.315	91	623374	48.52	ug/l	96
82) Bromobenzene	7.275	77	295842	48.00	ug/l	85
83) 1,3,5-Trimethylbenzene	7.374	105	548540	60.53	ug/l	77
84) t-Butylbenzene	7.630	119	427926	50.67	ug/l	90
85) 1,2,4-Trimethylbenzene	7.650	105	449510	50.73	ug/l	96
86) sec-Butylbenzene	7.758	105	573547	51.91	ug/l	98
87) 4-Isopropyltoluene	7.837	119	461908	49.95	ug/l	94
88) n-Butylbenzene	8.103	91	585268	51.41	ug/l	98
89) p-Diethylbenzene	8.083	119	307809	52.46	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.586	119	483262	55.82	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.645	157	16978	50.49	ug/l	88
92) Hexachlorobutadiene	9.286	225	174481	54.99	ug/l	99
93) 1,2,4-Trichlorobenzene	9.187	180	181015	52.34	ug/l	97
94) 1,2,3-Trichlorobenzene	9.522	180	156829	49.27	ug/l	96
95) Naphthalene	9.365	128	225143	51.18	ug/l	100

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



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cont Calibration Date/Time 2/26/2010 6:16:00 A

Data File: 1M54586.D
Method: EPA 8260B

Instrument: GCMS 1

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.63	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.41	36.81				0.599			
Dichlorodifluoromethane	1	0		1.39	45.49	50			0.350	0.318	9.02	
Chloromethane	1	0	CP	1.53	41.22	50	0.1		0.416	0.343	17.56	
Bromomethane	1	0		1.84	43.06	50			0.161	0.138	13.88	
Vinyl Chloride	1	0	CC	1.61	42.82	50	20		0.282	0.241	14.36	
Chloroethane	1	0		1.93	44.86	50			0.163	0.146	10.28	
Trichlorofluoromethane	1	0		2.11	52.75	50			0.610	0.644	5.50	
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0		2.50	59.02	50			0.314	0.371	18.04	
Methylene Chloride	1	0		2.85	49.83	50			0.359	0.358	0.34	
Acrolein	1	0		2.42	212.33	250			0.035	0.030	15.07	
Acrylonitrile	1	0		3.03	46.32	50			0.079	0.073	7.36	
Iodomethane	1	0		2.62	54.64	50			0.509	0.557	9.28	
Acetone	1	0		2.53	258.36	250			0.063	0.061	3.34	
Carbon Disulfide	1	0		2.68	52.79	50			0.947	0.999	5.58	
t-Butyl Alcohol	1	0		2.92	257.11	250			0.009	0.009	2.84	
n-Hexane	1	0		3.29	54.02	50			0.516	0.557	8.04	
Di-isopropyl-ether	1	0		3.45	46.29	50			1.274	1.179	7.42	
1,1-Dichloroethene	1	0	CC	2.51	53.77	50	20		0.704	0.757	7.54	
Methyl Acetate	1	0		2.77	41.14	50			0.182	0.150	17.72	
Methyl-t-butyl ether	1	0		3.07	44.49	50			0.476	0.423	11.02	
1,1-Dichloroethane	1	0	CP	3.40	51.48	50	0.1		0.754	0.776	2.96	
trans-1,2-Dichloroethene	1	0		3.08	53.88	50			0.345	0.371	7.76	
cis-1,2-Dichloroethene	1	0		3.87	50.90	50			0.716	0.729	1.80	
Bromochloromethane	1	0		4.03	45.91	50			0.346	0.317	8.18	
2,2-Dichloropropane	1	0		3.88	54.88	50			0.464	0.509	9.76	
1,4-Dioxane	1	0		5.08	3516.82	2500			0.002	0.003	40.67	
1,1-Dichloropropene	1	0		4.34	52.22	50			0.605	0.632	4.44	
Chloroform	1	0	CC	4.08	53.52	50	20		0.659	0.705	7.04	
Dibromofluoromethane	1	0	S	4.19	31.61	75			0.270	0.285	5.37	
Cyclohexane	1	0		4.28	51.03	50			0.765	0.781	2.06	
1,2-Dichloroethane-d4	1	0	S	4.42	32.99	75			0.049	0.054	9.97	
1,2-Dichloroethane	1	0		4.47	49.32	50			0.528	0.520	1.36	
2-Butanone	1	0		3.87	50.17	50			0.107	0.107	0.34	
1,1,1-Trichloroethane	1	0		4.23	53.36	50			0.546	0.582	6.72	
Carbon Tetrachloride	1	0		4.35	55.82	50			0.486	0.543	11.64	
Vinyl Acetate	1	0		3.45	46.29	50			1.110	1.028	7.42	
Bromodichloromethane	1	0		5.16	52.88	50			0.531	0.562	5.76	
Methylcyclohexane	1	0		5.00	53.49	50			0.674	0.722	6.98	
Dibromomethane	1	0		5.08	56.61	50			0.233	0.264	13.22	
1,2-Dichloropropane	1	0	CC	5.00	46.89	50	20		0.401	0.376	6.22	
Trichloroethene	1	0		4.87	55.60	50			0.409	0.455	11.20	
Benzene	1	0		4.48	62.07	50			1.520	1.453	24.14	
tert-Amvl methyl ether	1	0		4.54	42.95	50			0.448	0.385	14.10	
Chlorobenzene-d5	1	0	I	6.48	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.12	53.07	50			0.438	0.465	6.14	
2-Chloroethylvinylether	1	0		5.32	44.42	50			0.206	0.183	11.16	
cis-1,3-Dichloropropene	1	0		5.43	50.00	50			0.729	0.729	0.00	
trans-1,3-Dichloropropene	1	0		5.76	49.53	50			0.587	0.581	0.94	
1,1,2-Trichloroethane	1	0		5.87	48.42	50			0.321	0.311	3.16	
1,2-Dibromoethane	1	0		6.20	50.23	50			0.332	0.334	0.46	
1,3-Dichloropropane	1	0		5.98	45.53	50			0.631	0.574	8.94	
4-Methyl-2-Pentanone	1	0		5.51	41.84	50			0.311	0.261	16.32	
2-Hexanone	1	0		6.00	42.38	50			0.210	0.178	15.24	
Tetrachloroethene	1	0		5.99	51.33	50			0.549	0.564	2.66	
Toluene-d8	1	0	S	5.61	29.02	75			0.900	0.871	3.27	
Toluene	1	0	CC	5.65	56.44	50	20		1.325	1.186	12.88	
1,1,1,2-Tetrachloroethane	1	0		6.53	42.58	50			0.443	0.377	14.84	
Chlorobenzene	1	0	CP	6.49	47.79	50	0.3		1.356	1.296	4.42	
1,4-Dichlorobenzene-d4	1	0	I	7.90	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.99	47.84	50	0.1		0.519	0.497	4.32	
Ethylbenzene	1	0	CC	6.55	49.27	50	20		0.992	0.978	1.46	
1,1,2,2-Tetrachloroethane	1	0	CP	7.24	47.22	50	0.3		0.638	0.602	5.56	
Bromofluorobenzene	1	0	S	7.18	29.68	75			0.890	0.880	1.07	
Styrene	1	0		6.86	48.01	50			2.307	2.215	3.98	
m&p-Xylenes	1	0		6.62	95.89	100			1.505	1.443	4.11	
o-Xylene	1	0		6.85	47.35	50			1.425	1.349	5.30	
trans-1,4-Dichloro-2-butene	1	0		7.27	47.81	50			0.255	0.243	4.38	
1,3-Dichlorobenzene	1	0		7.87	45.55	50			1.936	1.764	8.90	
1,4-Dichlorobenzene	1	0		7.92	46.40	50			1.887	1.751	7.20	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method
Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cont Calibration Date/Time 2/26/2010 6:16:00 A

Data File: 1M54586.D
Method: EPA 8260B

Instrument: GCMS 1

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.16	46.21	50			1.655	1.529	7.58	
Isopropylbenzene	1	0		7.07	49.05	50			3.873	3.799	1.90	
Cyclohexanone	1	0		7.14	210.06				0.019			
1,2,3-Trichloropropane	1	0		7.28	46.49	50			0.849	0.789	7.02	
2-Chlorotoluene	1	0		7.39	49.70	50			2.373	2.319	0.60	
p-Ethyltoluene	1	0		7.38	45.50				4.476			
4-Chlorotoluene	1	0		7.45	43.14	50			2.408	2.077	13.72	
n-Propylbenzene	1	0		7.33	46.87	50			4.847	4.544	6.26	
Bromobenzene	1	0		7.29	45.93	50			2.325	2.136	8.14	
1,3,5-Trimethylbenzene	1	0		7.42	44.06	50			3.419	3.012	11.88	
t-Butylbenzene	1	0		7.63	47.81	50			3.186	3.047	4.38	
1,2,4-Trimethylbenzene	1	0		7.66	47.94	50			3.343	3.205	4.12	
sec-Butylbenzene	1	0		7.77	49.12	50			4.168	4.094	1.76	
4-Isopropyltoluene	1	0		7.85	47.38	50			3.489	3.306	5.24	
n-Butylbenzene	1	0		8.11	48.32	50			4.294	4.150	3.36	
p-Diethylbenzene	1	0		8.09	48.69				2.214			
1,2,4,5-Tetramethylbenzene	1	0		8.60	47.69				3.266			
1,2-Dibromo-3-Chloropropane	1	0		8.65	46.47	50			0.127	0.118	7.06	
Hexachlorobutadiene	1	0		9.31	49.52	50			1.197	1.186	0.96	
1,2,4-Trichlorobenzene	1	0		9.20	45.25	50			1.305	1.181	9.50	
1,2,3-Trichlorobenzene	1	0		9.53	43.54	50			1.201	1.045	12.92	
Naphthalene	1	0		9.38	43.24	50			1.660	1.435	13.52	
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
N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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

SampleID : CAL @ 50 PPB
 Data File: LM54586.D
 Acq On : 02/26/10 06:16

Operator : SG
 Sam Mult : 1 Vial# : 4
 Misc : S,5G:1.4

Qt Meth : 1M_S0223.M
 Qt On : 02/26/10 06:29
 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	4.635	96	210892	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.478	117	165461	30.00	ug/l	0.03
63) 1,4-Dichlorobenzene-d4	7.897	152	66454	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.191	111	60039	31.61	ug/l	0.02
Spiked Amount 30.000			Recovery	=	105.37%	
35) 1,2-Dichloroethane-d4	4.418	102	11356	32.99	ug/l	0.02
Spiked Amount 30.000			Recovery	=	109.97%	
59) Toluene-d8	5.611	100	144125	29.02	ug/l	0.03
Spiked Amount 30.000			Recovery	=	96.73%	
67) Bromofluorobenzene	7.178	174	58478	29.68	ug/l	0.03
Spiked Amount 30.000			Recovery	=	98.93%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.409	51	154927	36.81	ug/l	1
6) Dichlorodifluoromethane	1.392	85	111906	45.49	ug/l	99
7) Chloromethane	1.526	50	120458	41.22	ug/l	99
8) Bromomethane	1.845	94	48678	43.06	ug/l	94
9) Vinyl Chloride	1.610	62	84873	42.82	ug/l	97
10) Chloroethane	1.928	64	51265	44.86	ug/l	94
11) Trichlorofluoromethane	2.113	101	226224	52.75	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.496	101	130304	59.02	ug/l	97
13) Methylene Chloride	2.851	84	125767	49.83	ug/l	99
14) Acrolein	2.417	56	52075	212.33	ug/l	93
15) Acrylonitrile	3.028	53	25688	46.32	ug/l	96
16) Iodomethane	2.624	142	195661	54.64	ug/l	72
17) Acetone	2.526	43	106643	258.36	ug/l	99
18) Carbon Disulfide	2.683	76	351310	52.79	ug/l	100
19) t-Butyl Alcohol	2.920	59	15571	257.11	ug/l	73
20) n-Hexane	3.295	57	195897	54.02	ug/l	91
21) Di-isopropyl-ether	3.452	45	414517	46.29	ug/l	90
22) 1,1-Dichloroethene	2.506	61	266062	53.77	ug/l	98
23) Methyl Acetate	2.772	43	52653	41.14	ug/l	100
24) Methyl-t-butyl ether	3.068	73	148790	44.49	ug/l	68
25) 1,1-Dichloroethane	3.403	63	272862	51.48	ug/l	99
26) trans-1,2-Dichloroethene	3.078	96	130535	53.88	ug/l	79
27) cis-1,2-Dichloroethene	3.866	61	256302	50.90	ug/l	94
28) Bromochloromethane	4.034	49	111572	45.91	ug/l	81
29) 2,2-Dichloropropane	3.876	77	178949	54.88	ug/l	92
30) 1,4-Dioxane	5.078	88	44105	3516.82	ug/l	77
31) 1,1-Dichloropropene	4.339	75	222217	52.22	ug/l	97
32) Chloroform	4.083	83	247821	53.52	ug/l	97
34) Cyclohexane	4.280	56	274343	51.03	ug/l	92
36) 1,2-Dichloroethane	4.467	62	182921	49.32	ug/l	99
37) 2-Butanone	3.866	43	37772	50.17	ug/l	100
38) 1,1,1-Trichloroethane	4.231	97	204735	53.36	ug/l	99
39) Carbon Tetrachloride	4.349	117	190888	55.82	ug/l	91
40) Vinyl Acetate	3.452	43	361331	46.29	ug/l	100
41) Bromodichloromethane	5.157	83	197393	52.88	ug/l	97
42) Methylcyclohexane	5.000	83	253609	53.49	ug/l	80
43) Dibromomethane	5.078	174	92855	56.61	ug/l	94
44) 1,2-Dichloropropane	5.000	63	132068	46.89	ug/l	88
45) Trichloroethene	4.871	130	159872	55.60	ug/l	96
46) Benzene	4.477	78	510711	62.07	ug/l	100
47) tert-Amyl methyl ether	4.536	73	135406	42.95	ug/l	76
49) Dibromochloromethane	6.123	129	128326	53.07	ug/l	98
50) 2-Chloroethylvinylether	5.325	63	50441	44.42	ug/l	93
51) cis-1,3-Dichloropropene	5.433	75	201171	50.00	ug/l	97
52) trans-1,3-Dichloropropene	5.758	75	160276	49.53	ug/l	96
53) 1,1,2-Trichloroethane	5.867	97	85740	48.42	ug/l	91
54) 1,2-Dibromoethane	6.202	107	92107	50.23	ug/l	95
55) 1,3-Dichloropropane	5.975	76	158396	45.53	ug/l	100
56) 4-Methyl-2-Pentanone	5.512	43	71860	41.84	ug/l	92
57) 2-Hexanone	6.005	43	49081	42.38	ug/l	97
58) Tetrachloroethene	5.985	164	155551	51.33	ug/l	98
60) Toluene	5.650	92	327063	56.44	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.527	133	103936	42.58	ug/l	92
62) Chlorobenzene	6.488	112	357508	47.79	ug/l	100
64) Bromoform	6.990	173	55025	47.84	ug/l	95
65) Ethylbenzene	6.547	106	108288	49.27	ug/l	98
66) 1,1,2,2-Tetrachloroethane	7.237	83	66690	47.22	ug/l	87
68) Styrene	6.862	104	245299	48.01	ug/l	95
69) m&p-Xylenes	6.616	106	319619	95.89	ug/l	98

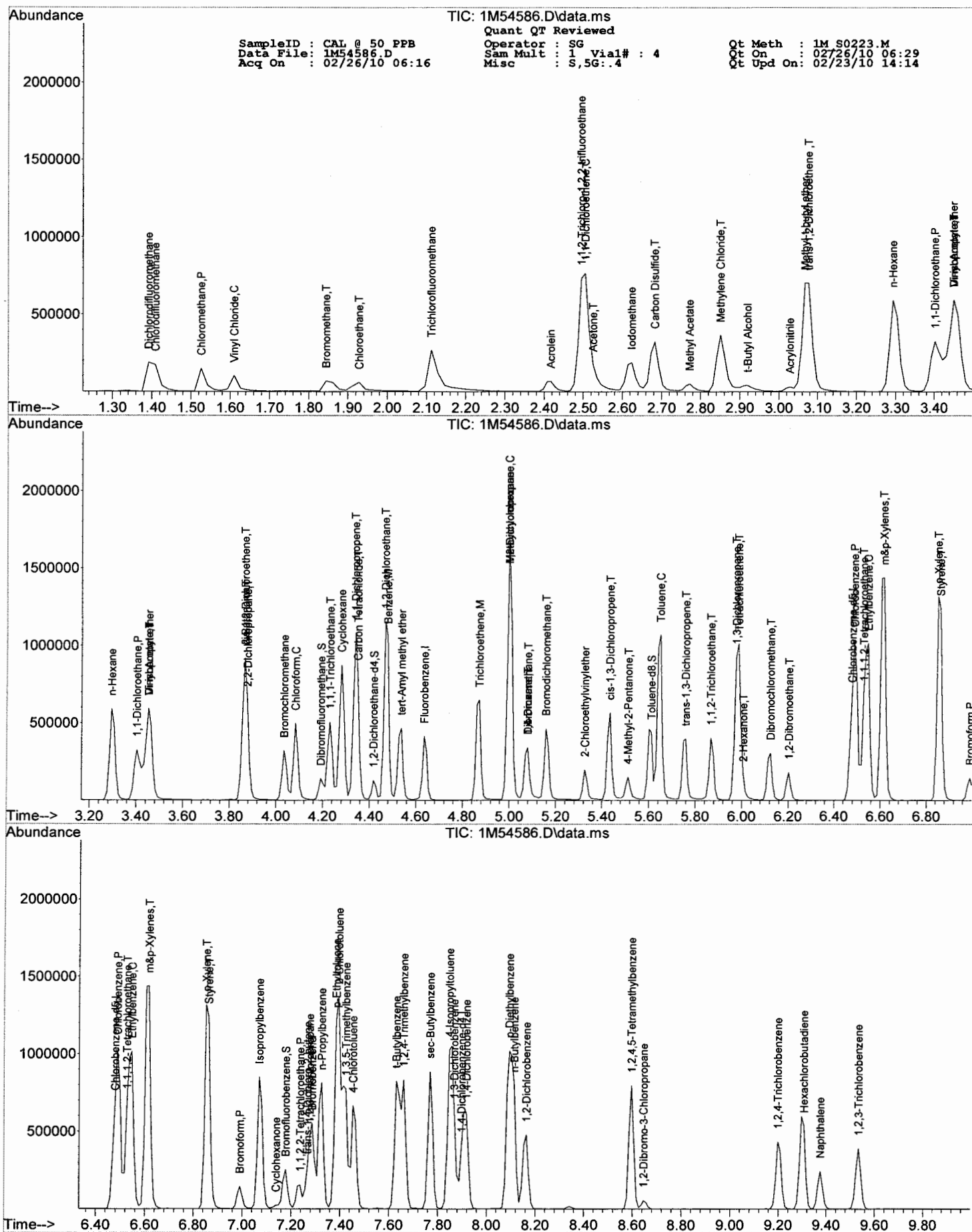
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54586.D Sam Mult : 1 Vial# : 4 Qt On : 02/26/10 06:29
 Acq On : 02/26/10 06:16 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	6.852	106	149419	47.35	ug/l	80
71) trans-1,4-Dichloro-2-b...	7.266	53	26957	47.81	ug/l	69
72) 1,3-Dichlorobenzene	7.868	146	195360	45.55	ug/l	94
73) 1,4-Dichlorobenzene	7.917	146	193976	46.40	ug/l	93
74) 1,2-Dichlorobenzene	8.163	146	169365	46.21	ug/l	93
75) Isopropylbenzene	7.069	105	420780	49.05	ug/l	98
76) Cyclohexanone	7.138	55	8822	210.06	ug/l	97
77) 1,2,3-Trichloropropane	7.276	75	87395	46.49	ug/l	94
78) 2-Chlorotoluene	7.395	91	256832	49.70	ug/l	97
79) p-Ethyltoluene	7.385	105	451193	45.50	ug/l	95
80) 4-Chlorotoluene	7.454	91	230080m	43.14	ug/l	
81) n-Propylbenzene	7.326	91	503245	46.87	ug/l	96
82) Bromobenzene	7.286	77	236591	45.93	ug/l	87
83) 1,3,5-Trimethylbenzene	7.424	105	333653m	44.06	ug/l	
84) t-Butylbenzene	7.631	119	337438	47.81	ug/l	91
85) 1,2,4-Trimethylbenzene	7.661	105	354995	47.94	ug/l	96
86) sec-Butylbenzene	7.769	105	453464	49.12	ug/l	99
87) 4-Isopropyltoluene	7.848	119	366186	47.38	ug/l	95
88) n-Butylbenzene	8.114	91	459622	48.32	ug/l	99
89) p-Diethylbenzene	8.094	119	238721	48.69	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.597	119	344981	47.69	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.646	157	13057	46.47	ug/l	87
92) Hexachlorobutadiene	9.307	225	131306	49.52	ug/l	97
93) 1,2,4-Trichlorobenzene	9.198	180	130780	45.25	ug/l	97
94) 1,2,3-Trichlorobenzene	9.533	180	115795	43.54	ug/l	97
95) Naphthalene	9.376	128	158977	43.24	ug/l	100

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



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cont Calibration Date/Time 2/26/2010 3:16:00 P

Data File: 3M71974.D
Method: EPA 8260B

Instrument: GCMS 3

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
Fluorobenzene	1	0	I	4.59	30.00	30				0.000	0.00	
Chlorodifluoromethane	1	0		1.29	49.05				0.772			
Dichlorodifluoromethane	1	0		1.29	27.67	50			0.622	0.344	44.66	
Chloromethane	1	0	CP	1.41	64.05	50	0.1		0.508	0.651	28.10	
Bromomethane	1	0		1.74	41.67	50			0.183	0.153	16.66	
Vinyl Chloride	1	0	CC	1.49	44.06	50	20		0.355	0.322	11.88	
Chloroethane	1	0		1.81	49.20	50			0.176	0.173	1.60	
Trichlorofluoromethane	1	0		1.99	50.80	50			0.372	0.378	1.60	
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0		2.38	48.87	50			0.345	0.337	2.26	
Methylene Chloride	1	0		2.77	48.51	50			0.321	0.311	2.98	
Acrolein	1	0		2.33	246.42	250			0.029	0.028	1.43	
Acrylonitrile	1	0		2.97	53.49	50			0.061	0.065	6.98	
Iodomethane	1	0		2.52	42.48	50			0.606	0.515	15.04	
Acetone	1	0		2.44	267.94	250			0.048	0.051	7.18	
Carbon Disulfide	1	0		2.57	45.86	50			1.169	1.072	8.28	
t-Butyl Alcohol	1	0		2.86	224.46	250			0.007	0.006	10.22	
n-Hexane	1	0		3.19	53.80	50			0.639	0.688	7.60	
Di-isopropyl-ether	1	0		3.36	52.98	50			1.348	1.428	5.96	
1,1-Dichloroethene	1	0	CC	2.39	50.16	50	20		0.788	0.791	0.32	
Methyl Acetate	1	0		2.69	53.12	50			0.145	0.154	6.24	
Methyl-t-butyl ether	1	0		2.98	46.23	50			0.351	0.325	7.54	
1,1-Dichloroethane	1	0	CP	3.32	50.47	50	0.1		0.791	0.798	0.94	
trans-1,2-Dichloroethene	1	0		2.98	48.04	50			0.358	0.344	3.92	
cis-1,2-Dichloroethene	1	0		3.80	51.47	50			0.685	0.705	2.94	
Bromochloromethane	1	0		3.98	54.63	50			0.314	0.343	9.26	
2,2-Dichloropropane	1	0		3.80	48.73	50			0.396	0.386	2.54	
1,4-Dioxane	1	0		5.04	2844.92	2500			0.001	0.001	13.80	
1,1-Dichloropropene	1	0		4.28	51.01	50			0.625	0.637	2.02	
Chloroform	1	0	CC	4.03	49.10	50	20		0.620	0.609	1.80	
Dibromofluoromethane	1	0	S	4.15	28.53	75			0.262	0.249	4.90	
Cyclohexane	1	0		4.21	54.62	50			0.852	0.931	9.24	
1,2-Dichloroethane-d4	1	0	S	4.38	30.22	75			0.037	0.037	0.73	
1,2-Dichloroethane	1	0		4.43	50.99	50			0.380	0.388	1.98	
2-Butanone	1	0		3.82	58.72	50			0.100	0.118	17.44	
1,1,1-Trichloroethane	1	0		4.17	46.91	50			0.510	0.479	6.18	
Carbon Tetrachloride	1	0		4.28	50.14	50			0.478	0.479	0.28	
Vinyl Acetate	1	0		3.36	52.11	50			1.048	1.093	4.22	
Bromodichloromethane	1	0		5.12	48.80	50			0.474	0.462	2.40	
Methylcyclohexane	1	0		4.93	54.60	50			0.738	0.806	9.20	
Dibromomethane	1	0		5.03	48.63	50			0.198	0.192	2.74	
1,2-Dichloropropane	1	0	CC	4.96	50.21	50	20		0.423	0.425	0.42	
Trichloroethene	1	0		4.81	48.78	50			0.448	0.437	2.44	
Benzene	1	0		4.42	56.95	50			1.522	1.456	13.90	
tert-Butyl methyl ether	1	0		4.47	43.85	50			0.374	0.328	12.30	
Chlorobenzene-d5	1	0	I	6.42	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.08	46.26	50			0.419	0.388	7.48	
2-Chloroethylvinylether	1	0		5.29	53.31	50			0.190	0.202	6.62	
cis-1,3-Dichloropropene	1	0		5.38	49.62	50			0.746	0.741	0.76	
trans-1,3-Dichloropropene	1	0		5.72	47.41	50			0.519	0.492	5.18	
1,1,2-Trichloroethane	1	0		5.83	50.04	50			0.294	0.294	0.08	
1,2-Dibromoethane	1	0		6.15	48.32	50			0.312	0.301	3.36	
1,3-Dichloropropane	1	0		5.93	50.13	50			0.543	0.545	0.26	
4-Methyl-2-Pentanone	1	0		5.47	55.42	50			0.276	0.305	10.84	
2-Hexanone	1	0		5.96	55.35	50			0.189	0.209	10.70	
Tetrachloroethene	1	0		5.92	50.94	50			0.555	0.566	1.88	
Toluene-d8	1	0	S	5.55	29.41	75			0.895	0.878	1.97	
Toluene	1	0	CC	5.59	53.25	50	20		1.379	1.219	6.50	
1,1,1,2-Tetrachloroethane	1	0		6.48	49.44	50			0.399	0.395	1.12	
Chlorobenzene	1	0	CP	6.44	48.65	50	0.3		1.355	1.319	2.70	
1,4-Dichlorobenzene-d4	1	0	I	7.84	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.94	44.44	50	0.1		0.488	0.433	11.12	
Ethylbenzene	1	0	CC	6.49	44.35	50	20		1.303	1.156	11.30	
1,1,2,2-Tetrachloroethane	1	0	CP	7.19	44.62	50	0.3		0.664	0.592	10.76	
Bromofluorobenzene	1	0	S	7.12	28.60	75			0.868	0.828	4.67	
Styrene	1	0		6.80	49.79	50			2.551	2.540	0.42	
m&p-Xylenes	1	0		6.56	91.35	100			1.798	1.643	8.65	
o-Xylene	1	0		6.80	58.79	50			1.643	1.563	17.58	
trans-1,4-Dichloro-2-butene	1	0		7.23	49.24	50			0.213	0.210	1.52	
1,3-Dichlorobenzene	1	0		7.81	48.09	50			2.004	1.927	3.82	
1,4-Dichlorobenzene	1	0		7.86	46.62	50			2.019	1.882	6.76	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this run

CP - System Performance Check Compound 1 - Internal Standard
* - Failed the C or P Criteria

Page 1 of 2

** - 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

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
 Cont Calibration Date/Time 2/26/2010 3:16:00 P

Data File: 3M71974.D
 Method: EPA 8260B

Instrument: GCMS 3

TxtCompd:	Co#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichlorobenzene	1	0		8.11	46.81	50			1.690	1.583	6.38	
Isopropylbenzene	1	0		7.01	52.19	50			4.647	4.851	4.38	
Cyclohexanone	1	0		7.10	260.02				0.017			
1,2,3-Trichloropropane	1	0		7.23	46.80	50			0.749	0.701	6.40	
2-Chlorotoluene	1	0		7.34	47.05	50			2.797	2.632	5.90	
p-Ethyltoluene	1	0		7.33	51.31				4.850			
4-Chlorotoluene	1	0		7.40	48.62	50			2.499	2.430	2.76	
n-Propylbenzene	1	0		7.26	52.57	50			5.904	6.207	5.14	
Bromobenzene	1	0		7.23	48.56	50			2.039	1.980	2.88	
1,3,5-Trimethylbenzene	1	0		7.36	50.45	50			3.540	3.572	0.90	
t-Butylbenzene	1	0		7.57	56.01	50			3.460	3.667	12.02	
1,2,4-Trimethylbenzene	1	0		7.60	49.74	50			3.520	3.502	0.52	
sec-Butylbenzene	1	0		7.71	50.96	50			4.976	5.431	1.92	
4-Isopropyltoluene	1	0		7.79	58.08	50			3.755	4.014	16.16	
n-Butylbenzene	1	0		8.05	57.47	50			4.787	5.224	14.94	
p-Diethylbenzene	1	0		8.03	51.84				2.507			
1,2,4,5-Tetramethylbenzene	1	0		8.54	49.94				3.234			
1,2-Dibromo-3-Chloropropane	1	0		8.60	40.87	50			0.102	0.083	18.26	
Hexachlorobutadiene	1	0		9.23	52.55	50			0.933	0.980	5.10	
1,2,4-Trichlorobenzene	1	0		9.14	47.51	50			1.125	1.069	4.98	
1,2,3-Trichlorobenzene	1	0		9.47	45.41	50			0.952	0.865	9.18	
Naphthalene	1	0		9.32	41.08	50			1.472	1.209	17.84	
Freon 113	1	100		0.00	0.00	50				0.000	100.00	
1,2-Dioxane	1	100		0.00	0.00	5000				0.000	100.00	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
 * - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71974.D Sam Mult : 1 Vial# : 2 Qt On : 02/26/10 15:30
 Acq On : 02/26/10 15:16 Misc : S,5G:0.4 Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.585	96	268892	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.419	117	193451	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.844	152	102314	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.152	111	66992	28.53	ug/l	0.02
Spiked Amount 30.000			Recovery =	95.10%		
35) 1,2-Dichloroethane-d4	4.381	102	9955	30.22	ug/l	0.02
Spiked Amount 30.000			Recovery =	100.73%		
59) Toluene-d8	5.553	100	169811	29.41	ug/l	0.02
Spiked Amount 30.000			Recovery =	98.03%		
67) Bromofluorobenzene	7.123	174	84684	28.60	ug/l	0.02
Spiked Amount 30.000			Recovery =	95.33%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.295	51	339586	49.05	ug/l	1
6) Dichlorodifluoromethane	1.295	85	154320	27.67	ug/l	96
7) Chloromethane	1.411	50	291812	64.05	ug/l	95
8) Bromomethane	1.744	94	68378	41.67	ug/l	99
9) Vinyl Chloride	1.494	62	144485	44.06	ug/l	99
10) Chloroethane	1.810	64	77749	49.20	ug/l	98
11) Trichlorofluoromethane	1.993	101	169386	50.80	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.384	101	151002	48.87	ug/l	94
13) Methylene Chloride	2.769	84	139473	48.51	ug/l	73
14) Acrolein	2.330	56	63251	246.42	ug/l	95
15) Acrylonitrile	2.974	53	29227	53.49	ug/l	79
16) Iodomethane	2.517	142	230579	42.48	ug/l	68
17) Acetone	2.444	43	114087	267.94	ug/l	94
18) Carbon Disulfide	2.571	76	480348	45.86	ug/l	100
19) t-Butyl Alcohol	2.859	59	13524	224.46	ug/l	92
20) n-Hexane	3.190	57	308143	53.80	ug/l	90
21) Di-isopropyl-ether	3.365	45	640034	52.98	ug/l	76
22) 1,1-Dichloroethane	2.390	61	354274	50.16	ug/l	86
23) Methyl Acetate	2.691	43	69231	53.12	ug/l	100
24) Methyl-t-butyl ether	2.980	73	145581	46.23	ug/l	94
25) 1,1-Dichloroethane	3.322	63	357827	50.47	ug/l	96
26) trans-1,2-Dichloroethene	2.980	96	154276	48.04	ug/l	88
27) cis-1,2-Dichloroethene	3.803	61	316116	51.47	ug/l	88
28) Bromochloromethane	3.984	49	153886	54.63	ug/l	67
29) 2,2-Dichloropropane	3.803	77	172883	48.73	ug/l	96
30) 1,4-Dioxane	5.036	88	33225	2844.92	ug/l	81
31) 1,1-Dichloropropene	4.279	75	285564	51.01	ug/l	97
32) Chloroform	4.032	83	272777	49.10	ug/l	99
34) Cyclohexane	4.206	56	417235	54.62	ug/l	81
36) 1,2-Dichloroethane	4.429	62	173804	50.99	ug/l	97
37) 2-Butanone	3.816	43	52871	58.72	ug/l	76
38) 1,1,1-Trichloroethane	4.170	97	214526	46.91	ug/l	93
39) Carbon Tetrachloride	4.279	117	214796	50.14	ug/l	90
40) Vinyl Acetate	3.358	43	489645	52.11	ug/l	100
41) Bromodichloromethane	5.120	83	207205	48.80	ug/l	99
42) Methylcyclohexane	4.928	83	361089	54.60	ug/l	77
43) Dibromomethane	5.030	174	86224	48.63	ug/l	96
44) 1,2-Dichloropropane	4.958	63	190389	50.21	ug/l	99
45) Trichloroethene	4.814	130	195721	48.78	ug/l	97
46) Benzene	4.417	78	652577	56.95	ug/l	100
47) tert-Amyl methyl ether	4.471	73	147002	43.85	ug/l	73
49) Dibromochloromethane	6.076	129	125054	46.26	ug/l	99
50) 2-Chloroethylvinylether	5.289	63	65282	53.31	ug/l	82
51) cis-1,3-Dichloropropene	5.385	75	238855	49.62	ug/l	92
52) trans-1,3-Dichloropropene	5.716	75	158754	47.41	ug/l	98
53) 1,1,2-Trichloroethane	5.830	97	94898	50.04	ug/l	94
54) 1,2-Dibromoethane	6.155	107	97062	48.32	ug/l	93
55) 1,3-Dichloropropane	5.932	76	175618	50.13	ug/l	92
56) 4-Methyl-2-Pentanone	5.469	43	98464	55.42	ug/l	97
57) 2-Hexanone	5.962	43	67298	55.35	ug/l	91
58) Tetrachloroethene	5.920	164	182394	50.94	ug/l	97
60) Toluene	5.589	92	392912	53.25	ug/l	100
61) 1,1,1,2-Tetrachloroethane	6.479	133	127270	49.44	ug/l	89
62) Chlorobenzene	6.437	112	425110	48.65	ug/l	97
64) Bromoform	6.942	173	73884	44.44	ug/l	99
65) Ethylbenzene	6.491	106	197120	44.35	ug/l	94
66) 1,1,2,2-Tetrachloroethane	7.195	83	100981	44.62	ug/l	89
68) Styrene	6.804	104	433091	49.79	ug/l	92
69) m&p-Xylenes	6.558	106	560298	91.35	ug/l	94

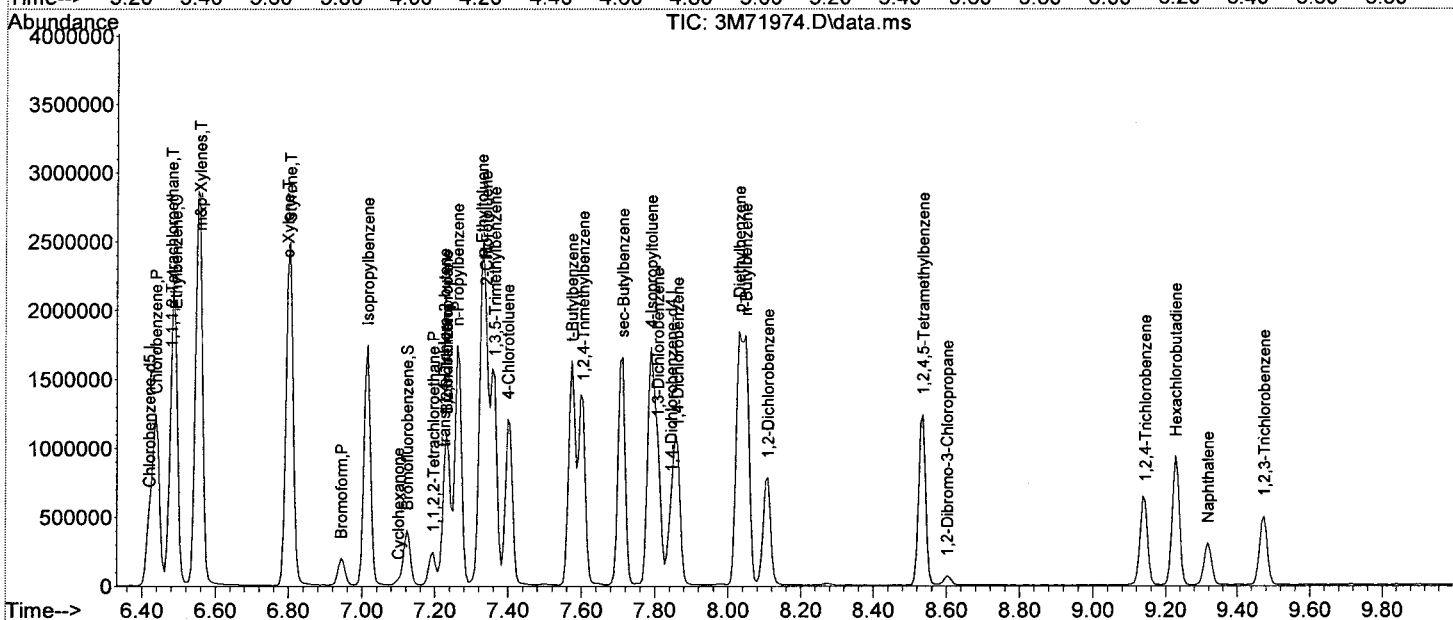
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71974.D Sam Mult : 1 Vial# : 2 Qt On : 02/26/10 15:30
 Acq On : 02/26/10 15:16 Misc : S,5G:0.4 Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.798	106	266593	58.79	ug/l	94
71) trans-1,4-Dichloro-2-b...	7.225	53	35794	49.24	ug/l	72
72) 1,3-Dichlorobenzene	7.808	146	328650	48.09	ug/l	98
73) 1,4-Dichlorobenzene	7.862	146	320967	46.62	ug/l	98
74) 1,2-Dichlorobenzene	8.109	146	269859	46.81	ug/l	98
75) Isopropylbenzene	7.015	105	827200	52.19	ug/l	98
76) Cyclohexanone	7.099	55	14800	260.02	ug/l	97
77) 1,2,3-Trichloropropane	7.231	75	119563	46.80	ug/l	86
78) 2-Chlorotoluene	7.339	91	448781	47.05	ug/l	98
79) p-Ethyltoluene	7.327	105	848618	51.31	ug/l	98
80) 4-Chlorotoluene	7.399	91	414374	48.62	ug/l	98
81) n-Propylbenzene	7.261	91	1058477	52.57	ug/l	99
82) Bromobenzene	7.231	77	337656	48.56	ug/l	93
83) 1,3,5-Trimethylbenzene	7.363	105	609063	50.45	ug/l	54
84) t-Butylbenzene	7.574	119	625260	56.01	ug/l	100
85) 1,2,4-Trimethylbenzene	7.604	105	597172	49.74	ug/l	91
86) sec-Butylbenzene	7.712	105	926092	50.96	ug/l	95
87) 4-Isopropyltoluene	7.790	119	684403	58.08	ug/l	99
88) n-Butylbenzene	8.049	91	890835	57.47	ug/l	99
89) p-Diethylbenzene	8.031	119	443278	51.84	ug/l	99
90) 1,2,4,5-Tetramethylben...	8.536	119	545768	49.94	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.602	157	14203	40.87	ug/l	94
92) Hexachlorobutadiene	9.227	225	167125	52.55	ug/l	99
93) 1,2,4-Trichlorobenzene	9.143	180	182251	47.51	ug/l	98
94) 1,2,3-Trichlorobenzene	9.474	180	147478	45.41	ug/l	98
95) Naphthalene	9.318	128	206166	41.08	ug/l	100

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



Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB Data File: 1M54646.D
 Cont Calibration Date/Time 3/1/2010 10:11:00 A Method: EPA 8260B

Instrument: GCMS 1

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	42.14				0.599			
Dichlorodifluoromethane	1	0		1.38	46.67	50			0.350	0.327	6.66	
Chloromethane	1	0	CP	1.52	37.64	50	0.1		0.416	0.313	24.72	
Bromomethane	1	0		1.83	45.93	50			0.161	0.148	8.14	
Vinyl Chloride	1	0	CC	1.58	45.54	50	20		0.282	0.257	8.92	
Chloroethane	1	0		1.90	50.12	50			0.163	0.163	0.24	
Trichlorofluoromethane	1	0		2.09	52.00	50			0.610	0.635	4.00	
1,1,2-Trichloro-1,2,2-trifluoroethane	1	0		2.48	53.17	50			0.314	0.334	6.34	
Methylene Chloride	1	0		2.82	45.11	50			0.359	0.324	9.78	
Acrolein	1	0		2.39	208.32	250			0.035	0.029	16.67	
Acrylonitrile	1	0		3.00	45.03	50			0.079	0.071	9.94	
Iodomethane	1	0		2.60	48.06	50			0.509	0.490	3.88	
Acetone	1	0		2.50	255.00	250			0.063	0.060	2.00	
Carbon Disulfide	1	0		2.65	48.51	50			0.947	0.919	2.98	
t-Butyl Alcohol	1	0		2.89	238.51	250			0.009	0.008	4.60	
n-Hexane	1	0		3.27	61.03	50			0.516	0.630	22.06	
Di-isopropyl-ether	1	0		3.42	49.14	50			1.274	1.252	1.72	
1,1-Dichloroethene	1	0	CC	2.48	49.70	50	20		0.704	0.700	0.60	
Methyl Acetate	1	0		2.74	48.11	50			0.182	0.175	3.78	
Methyl-t-butyl ether	1	0		3.05	46.51	50			0.476	0.443	6.98	
1,1-Dichloroethane	1	0	CP	3.37	49.15	50	0.1		0.754	0.741	1.70	
trans-1,2-Dichloroethene	1	0		3.05	50.33	50			0.345	0.347	0.66	
cis-1,2-Dichloroethene	1	0		3.84	49.19	50			0.716	0.705	1.62	
Bromochloromethane	1	0		4.00	47.18	50			0.346	0.326	5.64	
2,2-Dichloropropane	1	0		3.85	52.86	50			0.464	0.490	5.72	
1,4-Dioxane	1	0		5.05	2485.16	2500			0.002	0.002	0.59	
1,1-Dichloropropene	1	0		4.31	50.61	50			0.605	0.613	1.22	
Chloroform	1	0	CC	4.05	48.07	50	20		0.659	0.633	3.86	
Dibromofluoromethane	1	0	S	4.17	29.29	75			0.270	0.264	2.37	
Cyclohexane	1	0		4.25	56.25	50			0.765	0.860	12.50	
1,2-Dichloroethane-d4	1	0	S	4.40	32.29	75			0.049	0.053	7.63	
1,2-Dichloroethane	1	0		4.45	45.19	50			0.528	0.477	9.62	
2-Butanone	1	0		3.84	52.52	50			0.107	0.112	5.04	
1,1,1-Trichloroethane	1	0		4.20	50.43	50			0.546	0.551	0.86	
Carbon Tetrachloride	1	0		4.32	51.90	50			0.486	0.505	3.80	
Vinyl Acetate	1	0		3.42	48.05	50			1.110	1.067	3.90	
Bromodichloromethane	1	0		5.14	46.68	50			0.531	0.496	6.64	
Methylcyclohexane	1	0		4.98	55.38	50			0.674	0.747	10.76	
Dibromomethane	1	0		5.05	45.13	50			0.233	0.211	9.74	
1,2-Dichloropropane	1	0	CC	4.98	47.34	50	20		0.401	0.379	5.32	
Trichloroethene	1	0		4.84	49.89	50			0.409	0.408	0.22	
Benzene	1	0		4.45	58.90	50			1.520	1.379	17.80	
tert-Amvl methyl ether	1	0		4.51	45.97	50			0.448	0.412	8.06	
Chlorobenzene-d5	1	0	I	6.45	30.00	30				0.000	0.00	
Dibromochloromethane	1	0		6.09	48.34	50			0.438	0.424	3.32	
2-Chloroethylvinylether	1	0		5.31	50.33	50			0.206	0.207	0.66	
cis-1,3-Dichloropropene	1	0		5.40	51.23	50			0.729	0.747	2.46	
trans-1,3-Dichloropropene	1	0		5.73	48.82	50			0.587	0.573	2.36	
1,1,2-Trichloroethane	1	0		5.85	47.54	50			0.321	0.305	4.92	
1,2-Dibromoethane	1	0		6.17	46.90	50			0.332	0.312	6.20	
1,3-Dichloropropane	1	0		5.95	46.61	50			0.631	0.588	6.78	
4-Methyl-2-Pentanone	1	0		5.48	48.12	50			0.311	0.300	3.76	
2-Hexanone	1	0		5.98	51.38	50			0.210	0.216	2.76	
Tetrachloroethene	1	0		5.96	50.90	50			0.549	0.559	1.80	
Toluene-d8	1	0	S	5.58	30.34	75			0.900	0.911	1.13	
Toluene	1	0	CC	5.62	57.39	50	20		1.325	1.206	14.78	
1,1,1,2-Tetrachloroethane	1	0		6.51	47.11	50			0.443	0.417	5.78	
Chlorobenzene	1	0	CP	6.47	47.11	50	0.3		1.356	1.278	5.78	
1,4-Dichlorobenzene-d4	1	0	I	7.87	30.00	30				0.000	0.00	
Bromoform	1	0	CP	6.96	45.27	50	0.1		0.519	0.470	9.46	
Ethylbenzene	1	0	CC	6.52	49.96	50	20		0.992	0.991	0.08	
1,1,2,2-Tetrachloroethane	1	0	CP	7.21	45.56	50	0.3		0.638	0.581	8.88	
Bromofluorobenzene	1	0	S	7.15	30.23	75			0.890	0.896	0.77	
Styrene	1	0		6.83	50.84	50			2.307	2.346	1.68	
m&p-Xylenes	1	0		6.59	98.94	100			1.505	1.489	1.06	
o-Xylene	1	0		6.83	49.66	50			1.425	1.415	0.68	
trans-1,4-Dichloro-2-butene	1	0		7.24	48.31	50			0.255	0.246	3.38	
1,3-Dichlorobenzene	1	0		7.84	46.88	50			1.936	1.815	6.24	
1,4-Dichlorobenzene	1	0		7.89	48.66	50			1.887	1.837	2.68	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
 * - Failed the C or P Criteria

** - No limit specified in method

Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL @ 50 PPB
Cout Calibration Date/Time 3/1/2010 10:11:00 AData File: 1M54646.D
Method: EPA 8260B

Instrument: GCMS 1

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	48.11	50			1.655	1.592	3.78	
Isopropylbenzene	1	0		7.04	53.42	50			3.873	4.138	6.84	
Cyclohexanone	1	0		7.11	220.48				0.019			
1,2,3-Trichloropropane	1	0		7.25	46.69	50			0.849	0.792	6.62	
2-Chlorotoluene	1	0		7.37	55.52	50			2.373	2.575	11.04	
p-Ethyltoluene	1	0		7.36	49.41				4.476			
4-Chlorotoluene	1	0		7.42	45.63	50			2.408	2.197	8.74	
n-Propylbenzene	1	0		7.30	52.61	50			4.847	5.100	5.22	
Bromobenzene	1	0		7.26	49.49	50			2.325	2.301	1.02	
1,3,5-Trimethylbenzene	1	0		7.39	49.36	50			3.419	3.375	1.28	
t-Butylbenzene	1	0		7.60	52.39	50			3.186	3.338	4.78	
1,2,4-Trimethylbenzene	1	0		7.63	52.65	50			3.343	3.520	5.30	
sec-Butylbenzene	1	0		7.74	53.46	50			4.168	4.456	6.92	
4-Isopropyltoluene	1	0		7.82	52.30	50			3.489	3.649	4.60	
n-Butylbenzene	1	0		8.07	53.47	50			4.294	4.592	6.94	
p-Diethylbenzene	1	0		8.07	54.54				2.214			
1,2,4,5-Tetramethylbenzene	1	0		8.57	52.94				3.266			
1,2-Dibromo-3-Chloropropane	1	0		8.62	40.06	50			0.127	0.102	19.88	
Hexachlorobutadiene	1	0		9.27	49.67	50			1.197	1.189	0.66	
1,2,4-Trichlorobenzene	1	0		9.17	48.33	50			1.305	1.261	3.34	
1,2,3-Trichlorobenzene	1	0		9.50	46.03	50			1.201	1.105	7.94	
Naphthalene	1	0		9.35	45.39	50			1.660	1.507	9.22	
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
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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

SampleID : CAL @ 50 PPB
Data File: 1M54646.D
Acq On : 03/ 1/10 10:11

Operator : WP
Sam Mult : 1 Vial# : 3
Misc : S,5G:4

Qt Meth : 1M_S0223.M
Qt On : 03/01/10 10:24
Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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	157972	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.449	117	115275	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.868	152	65881	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	41668	29.29	ug/l	0.00
Spiked Amount 30.000			Recovery	=	97.63%	
35) 1,2-Dichloroethane-d4	4.399	102	8328	32.29	ug/l	0.00
Spiked Amount 30.000			Recovery	=	107.63%	
59) Toluene-d8	5.581	100	104985	30.34	ug/l	0.00
Spiked Amount 30.000			Recovery	=	101.13%	
67) Bromofluorobenzene	7.149	174	59041	30.23	ug/l	0.00
Spiked Amount 30.000			Recovery	=	100.77%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.382	51	132831	42.14	ug/l	1
6) Dichlorodifluoromethane	1.382	85	86001	46.67	ug/l	95
7) Chloromethane	1.516	50	82381	37.64	ug/l	99
8) Bromomethane	1.834	94	38891	45.93	ug/l	100
9) Vinyl Chloride	1.583	62	67610	45.54	ug/l	99
10) Chloroethane	1.901	64	42902	50.12	ug/l	95
11) Trichlorofluoromethane	2.086	101	167063	52.00	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.477	101	87940	53.17	ug/l	96
13) Methylene Chloride	2.822	84	85292	45.11	ug/l	91
14) Acrolein	2.388	56	38270	208.32	ug/l	97
15) Acrylonitrile	2.999	53	18705	45.03	ug/l	88
16) Iodomethane	2.595	142	128893	48.06	ug/l	73
17) Acetone	2.497	43	79012	255.00	ug/l	100
18) Carbon Disulfide	2.654	76	241840	48.51	ug/l	100
19) t-Butyl Alcohol	2.891	59	10820	238.51	ug/l	51
20) n-Hexane	3.265	57	165779	61.03	ug/l	90
21) Di-isopropyl-ether	3.423	45	329662	49.14	ug/l	86
22) 1,1-Dichloroethene	2.477	61	184201	49.70	ug/l	96
23) Methyl Acetate	2.743	43	46122	48.11	ug/l	100
24) Methyl-t-butyl ether	3.049	73	116516	46.51	ug/l	70
25) 1,1-Dichloroethane	3.374	63	195134	49.15	ug/l	97
26) trans-1,2-Dichloroethene	3.049	96	91332	50.33	ug/l	83
27) cis-1,2-Dichloroethene	3.837	61	185530	49.19	ug/l	93
28) Bromochloromethane	4.005	49	85889	47.18	ug/l	67
29) 2,2-Dichloropropane	3.847	77	129119	52.86	ug/l	89
30) 1,4-Dioxane	5.049	88	23346	2485.16	ug/l	64
31) 1,1-Dichloropropene	4.310	75	161319	50.61	ug/l	98
32) Chloroform	4.054	83	166725	48.07	ug/l	99
34) Cyclohexane	4.251	56	226547	56.25	ug/l	88
36) 1,2-Dichloroethane	4.448	62	125544	45.19	ug/l	97
37) 2-Butanone	3.837	43	29618	52.52	ug/l	99
38) 1,1,1-Trichloroethane	4.202	97	144954	50.43	ug/l	92
39) Carbon Tetrachloride	4.320	117	132943	51.90	ug/l	89
40) Vinyl Acetate	3.423	43	280957	48.05	ug/l	100
41) Bromodichloromethane	5.138	83	130508	46.68	ug/l	96
42) Methylcyclohexane	4.980	83	196660	55.38	ug/l	85
43) Dibromomethane	5.049	174	55455	45.13	ug/l	94
44) 1,2-Dichloropropane	4.980	63	99872	47.34	ug/l	95
45) Trichloroethene	4.842	130	107458	49.89	ug/l	92
46) Benzene	4.448	78	363042	58.90	ug/l	100
47) tert-Amyl methyl ether	4.507	73	108551	45.97	ug/l	83
49) Dibromochloromethane	6.094	129	81435	48.34	ug/l	100
50) 2-Chloroethylvinylether	5.306	63	39813	50.33	ug/l	92
51) cis-1,3-Dichloropropene	5.404	75	143579	51.23	ug/l	97
52) trans-1,3-Dichloropropene	5.729	75	110051	48.82	ug/l	95
53) 1,1,2-Trichloroethane	5.848	97	58647	47.54	ug/l	99
54) 1,2-Dibromoethane	6.173	107	59916	46.90	ug/l	95
55) 1,3-Dichloropropane	5.946	76	112947	46.61	ug/l	95
56) 4-Methyl-2-Pentanone	5.483	43	57586	48.12	ug/l	94
57) 2-Hexanone	5.976	43	41461	51.38	ug/l	98
58) Tetrachloroethene	5.956	164	107454	50.90	ug/l	97
60) Toluene	5.621	92	231685	57.39	ug/l	98
61) 1,1,1,2-Tetrachloroethane	6.508	133	80122	47.11	ug/l	98
62) Chlorobenzene	6.468	112	245541	47.11	ug/l	99
64) Bromoform	6.961	173	51616	45.27	ug/l	96
65) Ethylbenzene	6.518	106	108853	49.96	ug/l	90
66) 1,1,2,2-Tetrachloroethane	7.208	83	63792	45.56	ug/l	92
68) Styrene	6.833	104	257547	50.84	ug/l	91
69) m&p-Xylenes	6.587	106	326950	98.94	ug/l	96

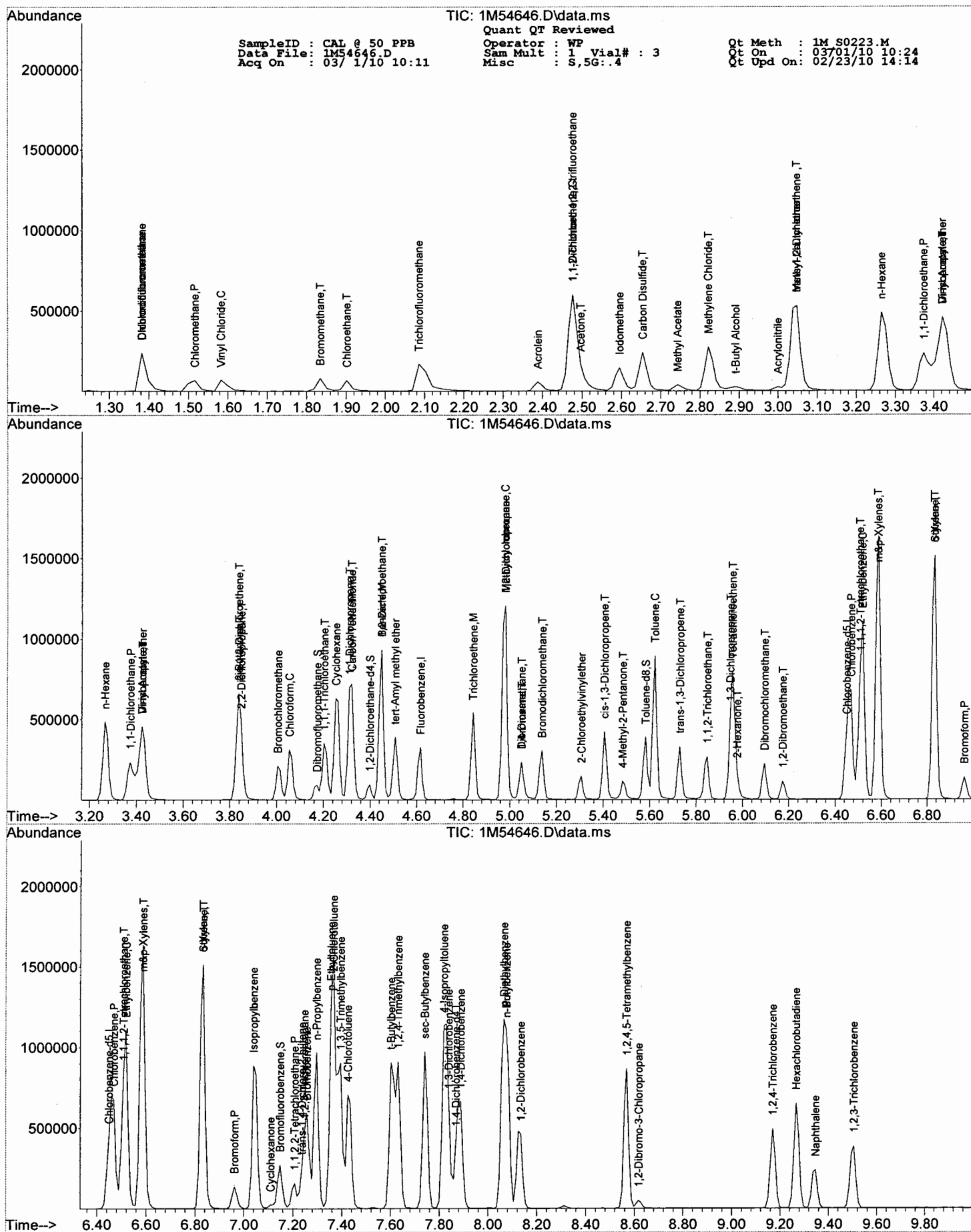
Quantitation Report (QT Reviewed)

SampleID : CAL @ 50 PPB Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54646.D Sam Mult : 1 Vial# : 3 Qt On : 03/01/10 10:24
 Acq On : 03/ 1/10 10:11 Misc : S,5G:.4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 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	155364	49.66	ug/l	83
71) trans-1,4-Dichloro-2-b...	7.237	53	27005	48.31	ug/l	69
72) 1,3-Dichlorobenzene	7.838	146	199311	46.88	ug/l	93
73) 1,4-Dichlorobenzene	7.888	146	201684	48.66	ug/l	94
74) 1,2-Dichlorobenzene	8.134	146	174835	48.11	ug/l	93
75) Isopropylbenzene	7.040	105	454336	53.42	ug/l	98
76) Cyclohexanone	7.109	55	9180	220.48	ug/l	98
77) 1,2,3-Trichloropropane	7.247	75	87010	46.69	ug/l	90
78) 2-Chlorotoluene	7.365	91	282757	55.52	ug/l	96
79) p-Ethyltoluene	7.356	105	485734	49.41	ug/l	92
80) 4-Chlorotoluene	7.425	91	241273	45.63	ug/l	97
81) n-Propylbenzene	7.296	91	560043	52.61	ug/l	97
82) Bromobenzene	7.257	77	252692	49.49	ug/l	84
83) 1,3,5-Trimethylbenzene	7.395	105	370610m	49.36	ug/l	
84) t-Butylbenzene	7.602	119	366524	52.39	ug/l	90
85) 1,2,4-Trimethylbenzene	7.631	105	386486	52.65	ug/l	96
86) sec-Butylbenzene	7.740	105	489294	53.46	ug/l	99
87) 4-Isopropyltoluene	7.819	119	400668	52.30	ug/l	95
88) n-Butylbenzene	8.075	91	504221	53.47	ug/l	99
89) p-Diethylbenzene	8.065	119	265143	54.54	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.568	119	379680	52.94	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.617	157	11159	40.06	ug/l	77
92) Hexachlorobutadiene	9.268	225	130578	49.67	ug/l	94
93) 1,2,4-Trichlorobenzene	9.169	180	138460	48.33	ug/l	98
94) 1,2,3-Trichlorobenzene	9.504	180	121354	46.03	ug/l	97
95) Naphthalene	9.346	128	165444	45.39	ug/l	100

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



GC/MS Volatile Data
Raw QC Data

Form 5

Tune Name: BFB TUNE

Data File: 3M71363.D

Instrument: GCMS 3

Analysis Date: 01/27/10 09:20

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.418 to 4.428 min

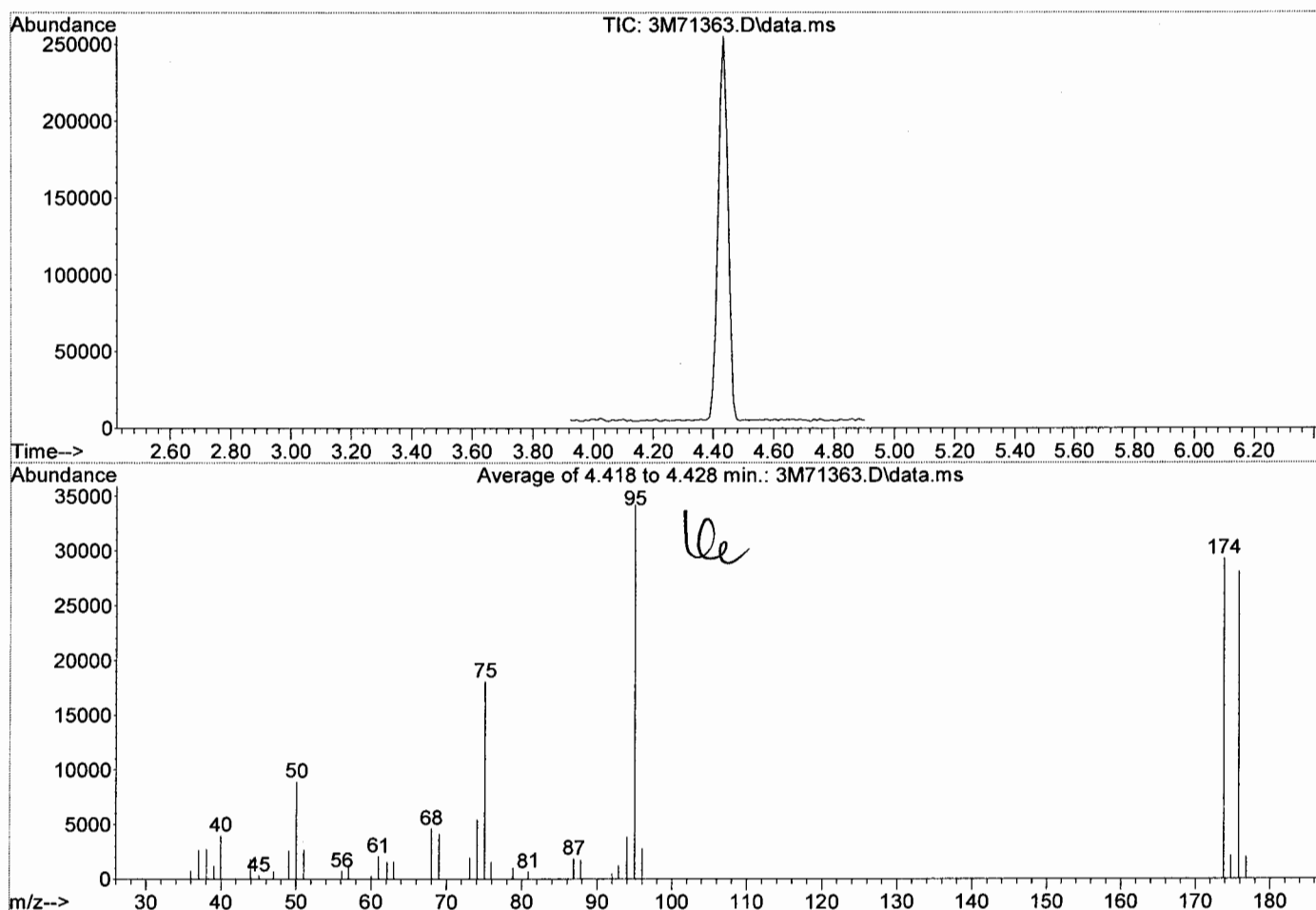
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	26.1	8910	PASS
75	95	30	60	52.9	18088	PASS
95	95	100	100	100.0	34180	PASS
96	95	5	9	8.2	2800	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.6	29268	PASS
175	174	5	9	7.2	2100	PASS
176	174	95	101	95.8	28048	PASS
177	176	5	9	7.1	2003	PASS

Data File	Sample Number	Analysis Date:
3M71364.D	BLK	01/27/10 09:30
3M71365.D	50 PPB	01/27/10 09:46
3M71366.D	CAL @ 500 PPB	01/27/10 10:04
3M71367.D	CAL @ 250 PPB	01/27/10 10:20
3M71368.D	CAL @ 100 PPB	01/27/10 10:37
3M71369.D	CAL @ 50 PPB	01/27/10 10:53
3M71370.D	CAL @ 20 PPB	01/27/10 11:10
3M71371.D	CAL @ 10 PPB	01/27/10 11:26
3M71372.D	CAL @ 5 PPB	01/27/10 11:43
3M71373.D	BLK	01/27/10 12:01
3M71374.D	CAL @ 0.5 PPB	01/27/10 12:18
3M71375.D	CAL @ 1 PPB	01/27/10 12:34
3M71376.D	BLK	01/27/10 12:51
3M71377.D	STDTEST	01/27/10 13:08
3M71378.D	BLK	01/27/10 13:25
3M71379.D	ICV	01/27/10 13:42
3M71380.D	BLK	01/27/10 13:59
3M71381.D	DAILY BLANK	01/27/10 14:16
3M71382.D	MBS14786	01/27/10 14:32
3M71383.D	MBS14787	01/27/10 14:49
3M71384.D	BLK	01/27/10 15:06

Data Path : G:\GcMsData\2010\GCMS_3\Data\01-27-10\
 Data File : 3M71363.D
 Acq On : 27 Jan 2010 9:20
 Operator : WP
 Sample : BFB TUNE
 Misc : S,5g
 ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Title : @GCMS_3,ug,624,8260
 Last Update : Wed Jan 27 12:49:32 2010



Spectrum Information: Average of 4.418 to 4.428 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	8910	PASS
75	95	30	60	52.9	18088	PASS
95	95	100	100	100.0	34180	PASS
96	95	5	9	8.2	2800	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	85.6	29268	PASS
175	174	5	9	7.2	2100	PASS
176	174	95	101	95.8	28048	PASS
177	176	5	9	7.1	2003	PASS

Form 5

Tune Name: BFB TUNE

Data File: 1M54441.D

Instrument: GCMS 1

Analysis Date: 02/23/10 10:38

Method: EPA 8260B

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

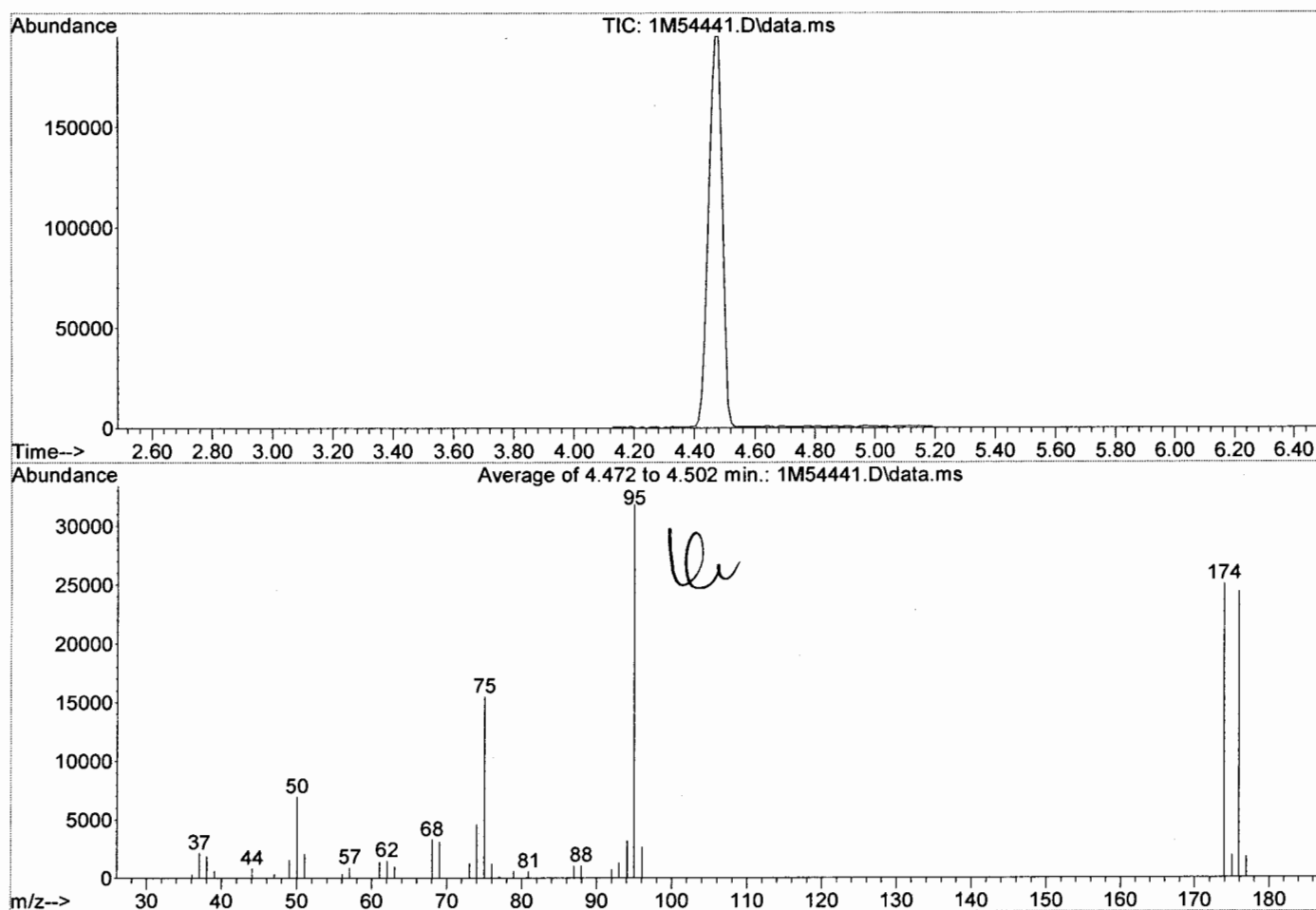
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	21.8	6923	PASS
75	95	30	60	48.6	15449	PASS
95	95	100	100	100.0	31811	PASS
96	95	5	9	8.2	2617	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.5	24984	PASS
175	174	5	9	7.5	1873	PASS
176	174	95	101	97.5	24370	PASS
177	176	5	9	7.2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

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

Data File: 1M54506.D

Instrument: GCMS 1

Analysis Date: 02/25/10 06:39

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.457 to 4.487 min

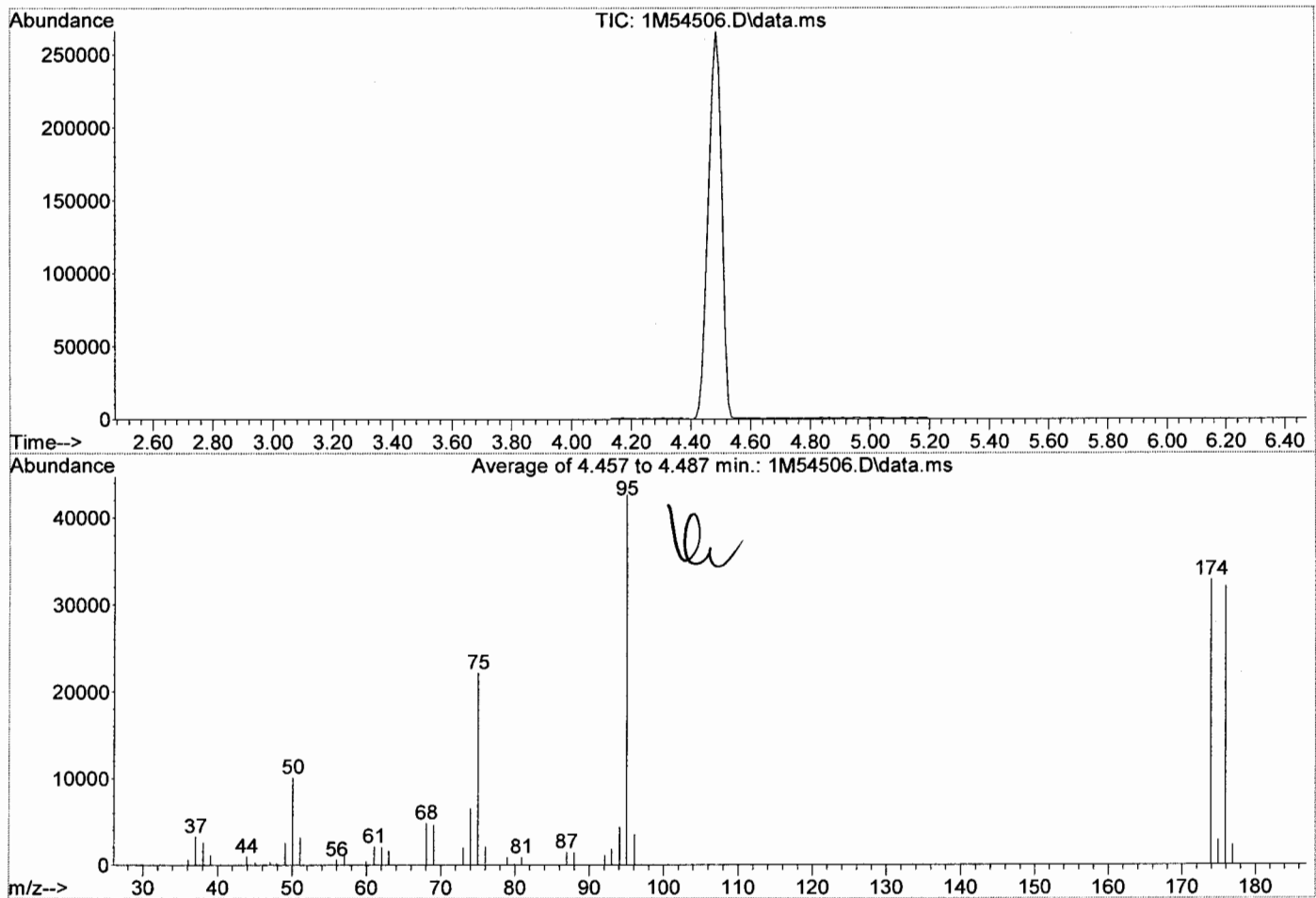
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	23.7	10113	PASS
75	95	30	60	52.0	22159	PASS
95	95	100	100	100.0	42604	PASS
96	95	5	9	8.1	3469	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.0	32798	PASS
175	174	5	9	8.5	2791	PASS
176	174	95	101	97.8	32062	PASS
177	176	5	9	7.1	2263	PASS

Data File	Sample Number	Analysis Date:
1M54507.D	CAL @ 50 PPB	02/25/10 07:15
1M54508.D	BLK	02/25/10 07:37
1M54509.D	DAILY BLANK	02/25/10 07:53
1M54510.D	BLK	02/25/10 08:10
1M54511.D	MBS15106	02/25/10 08:26
1M54512.D	BLK	02/25/10 08:42
1M54513.D	AC49985-001	02/25/10 08:59
1M54514.D	AC49985-002	02/25/10 09:15
1M54515.D	AC49985-003	02/25/10 09:32
1M54516.D	AC49985-004	02/25/10 09:46
1M54517.D	AC49988-001	02/25/10 10:02
1M54518.D	AC49995-001	02/25/10 10:18
1M54519.D	BLK	02/25/10 10:35
1M54520.D	AC50001-003	02/25/10 10:51
1M54521.D	AC50001-004(MS:	02/25/10 11:07
1M54522.D	AC50001-005(MSD	02/25/10 11:23
1M54523.D	BLK	02/25/10 11:39
1M54524.D	AC50001-003	02/25/10 11:55
1M54525.D	AC50019-001	02/25/10 12:12
1M54526.D	AC50019-002	02/25/10 12:28
1M54527.D	AC50019-004	02/25/10 12:44
1M54528.D	BLK	02/25/10 13:00
1M54529.D	AC50001-001	02/25/10 13:16
1M54530.D	AC50001-002	02/25/10 13:32
1M54531.D	AC50019-004	02/25/10 13:52
1M54532.D	AC50001-006	02/25/10 14:08
1M54533.D	AC50015-009	02/25/10 14:25
1M54534.D	AC50015-006	02/25/10 14:41
1M54535.D	AC50015-005	02/25/10 14:57

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
 Data File : 1M54506.D
 Acq On : 25 Feb 2010 6:39
 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_S0223.M
 Title : @GCMS_1,ug,624,8260
 Last Update : Tue Feb 23 14:05:53 2010



Spectrum Information: Average of 4.457 to 4.487 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.7	10113	PASS
75	95	30	60	52.0	22159	PASS
95	95	100	100	100.0	42604	PASS
96	95	5	9	8.1	3469	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	77.0	32798	PASS
175	174	5	9	8.5	2791	PASS
176	174	95	101	97.8	32062	PASS
177	176	5	9	7.1	2263	PASS

Form 5

Tune Name: BFB TUNE

Data File: 1M54536.D

Instrument: GCMS 1

Analysis Date: 02/25/10 15:09

Method: EPA 8260B

Tune Scan/Time Range: Scan 39

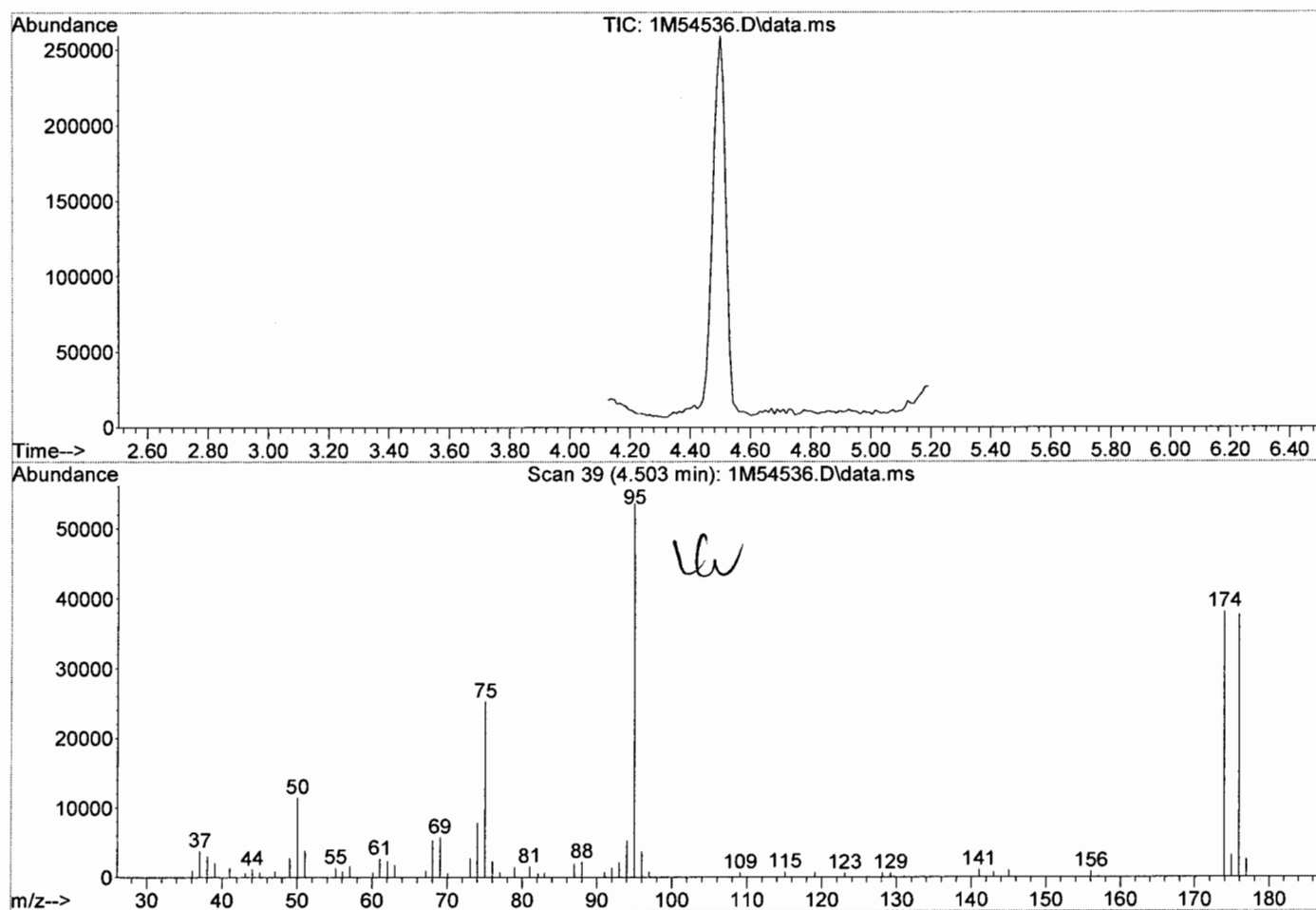
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	21.4	11451	PASS
75	95	30	60	47.2	25256	PASS
95	95	100	100	100.0	53520	PASS
96	95	5	9	6.8	3662	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.1	38048	PASS
175	174	5	9	8.2	3130	PASS
176	174	95	101	99.0	37656	PASS
177	176	5	9	6.9	2607	PASS

Data File	Sample Number	Analysis Date:
1M54537.D	CAL @ 50 PPB	02/25/10 15:19
1M54538.D	BLK	02/25/10 15:47
1M54539.D	DAILY BLANK	02/25/10 16:03
1M54540.D	MBS15112	02/25/10 16:23
1M54541.D	BLK	02/25/10 16:39
1M54542.D	MBS15113	02/25/10 16:55
1M54543.D	AC49987-002	02/25/10 17:11
1M54544.D	AC49987-003	02/25/10 17:27
1M54545.D	AC49987-004	02/25/10 17:43
1M54546.D	AC49987-005	02/25/10 18:00
1M54547.D	AC49987-006	02/25/10 18:16
1M54548.D	AC49987-007	02/25/10 18:32
1M54549.D	AC49987-008	02/25/10 18:48
1M54550.D	AC49987-009	02/25/10 19:04
1M54551.D	AC49987-010	02/25/10 19:20
1M54552.D	AC49987-011	02/25/10 19:36
1M54553.D	AC49987-012	02/25/10 19:53
1M54554.D	AC49987-013	02/25/10 20:09
1M54555.D	AC49987-014	02/25/10 20:25
1M54556.D	AC49987-015	02/25/10 20:41
1M54557.D	AC49987-016	02/25/10 20:57
1M54558.D	AC49987-018	02/25/10 21:13
1M54559.D	AC49987-019	02/25/10 21:29
1M54560.D	AC49987-020	02/25/10 21:46
1M54561.D	AC49987-017	02/25/10 22:02
1M54562.D	MBS15114	02/25/10 22:18
1M54563.D	AC49985-002(MS)	02/25/10 22:34
1M54564.D	AC49985-002(MSD)	02/25/10 22:50
1M54565.D	BLK	02/25/10 23:06
1M54566.D	BLK	02/25/10 23:22
1M54567.D	MBS15115	02/25/10 23:38
1M54568.D	MBS15116	02/25/10 23:54
1M54569.D	AC49987-021	02/26/10 00:10
1M54570.D	AC49987-022	02/26/10 00:27
1M54571.D	AC49987-023	02/26/10 00:43
1M54572.D	AC49987-024	02/26/10 00:59
1M54573.D	AC49987-025	02/26/10 01:15
1M54574.D	AC49987-026	02/26/10 01:31
1M54575.D	AC49987-027	02/26/10 01:47
1M54576.D	AC49987-030	02/26/10 02:03
1M54577.D	AC49987-001	02/26/10 02:19
1M54578.D	MBS15117	02/26/10 02:35
1M54579.D	BLK	02/26/10 02:51
1M54580.D	BLK	02/26/10 03:07

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
Data File : 1M54536.D
Acq On : 25 Feb 2010 15:09
Operator : WP
Sample : BFB TUNE
Misc : S,5G
ALS Vial : 51 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: Scan 39

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	11451	PASS
75	95	30	60	47.2	25256	PASS
95	95	100	100	100.0	53520	PASS
96	95	5	9	6.8	3662	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.1	38048	PASS
175	174	5	9	8.2	3130	PASS
176	174	95	101	99.0	37656	PASS
177	176	5	9	6.9	2607	PASS

Form 5

Tune Name: BFB TUNE

Data File: 1M54584.D

Instrument: GCMS 1

Analysis Date: 02/26/10 05:41

Method: EPA 8260B

Tune Scan/Time Range: Scan 41

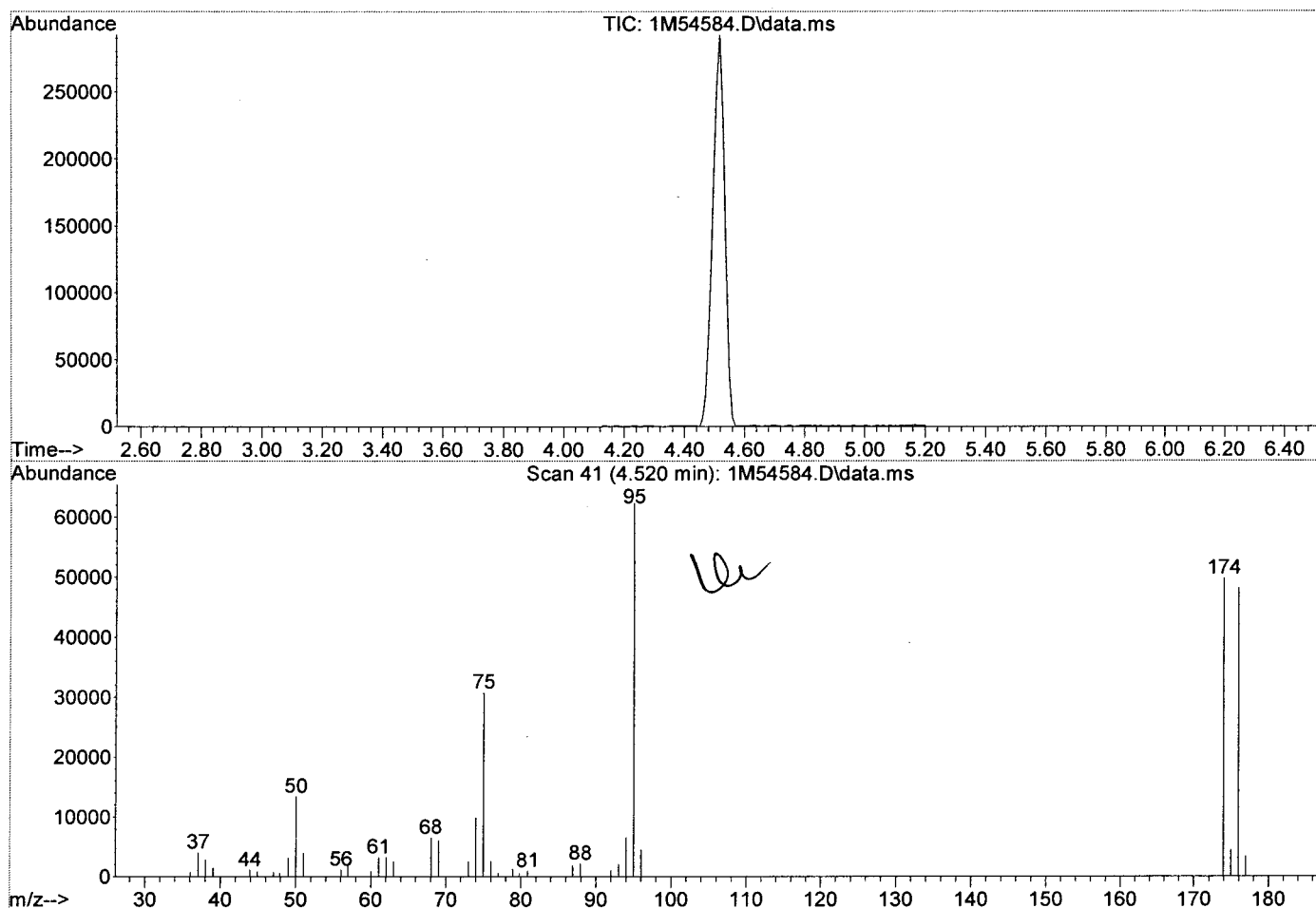
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
50	95	15	40	21.4	13368	PASS
75	95	30	60	49.4	30768	PASS
95	95	100	100	100.0	62328	PASS
96	95	5	9	7.3	4521	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.8	49736	PASS
175	174	5	9	8.9	4415	PASS
176	174	95	101	96.8	48136	PASS
177	176	5	9	6.9	3341	PASS

Data File	Sample Number	Analysis Date:
1M54585.D	50 PPB	02/26/10 05:53
1M54586.D	CAL @ 50 PPB	02/26/10 06:16
1M54587.D	BLK	02/26/10 06:37
1M54588.D	DAILY BLANK	02/26/10 06:53
1M54589.D	MBS15121	02/26/10 07:34
1M54590.D	BLK	02/26/10 07:51
1M54591.D	AC49987-002	02/26/10 08:07
1M54592.D	AC49987-003	02/26/10 08:23
1M54593.D	AC49987-005	02/26/10 08:39
1M54594.D	AC49987-006	02/26/10 08:55
1M54595.D	AC49987-007	02/26/10 09:11
1M54596.D	AC49987-019	02/26/10 09:28
1M54597.D	AC49987-028	02/26/10 09:44
1M54598.D	BLK	02/26/10 10:00
1M54599.D	AC49987-029	02/26/10 10:16
1M54600.D	BLK	02/26/10 10:32
1M54601.D	BLK	02/26/10 10:48
1M54602.D	AC50015-006	02/26/10 11:04
1M54603.D	AC50049-005(5X)	02/26/10 11:21
1M54604.D	MBS15126	02/26/10 11:37
1M54605.D	BLK	02/26/10 11:53
1M54606.D	AC50034-002(5X)	02/26/10 12:09
1M54607.D	AC50034-001(5X)	02/26/10 12:25
1M54608.D	BLK	02/26/10 12:41
1M54609.D	BLK	02/26/10 12:57
1M54610.D	AC50034-003	02/26/10 13:13
1M54611.D	AC50034-004	02/26/10 13:30
1M54612.D	AC50034-005	02/26/10 13:46
1M54613.D	AC50034-006	02/26/10 14:02
1M54614.D	AC50034-007	02/26/10 14:18
1M54615.D	AC50034-008	02/26/10 14:34
1M54616.D	BLK	02/26/10 14:50
1M54617.D	AC50039-006	02/26/10 15:06
1M54618.D	AC50036-001(5X)	02/26/10 15:22
1M54619.D	BLK	02/26/10 15:39
1M54620.D	BLK	02/26/10 15:55
1M54621.D	BLK	02/26/10 16:11
1M54622.D	BLK	02/26/10 16:30
1M54623.D	AC50001-006	02/26/10 16:46
1M54624.D	AC49985-005	02/26/10 17:02
1M54625.D	AC49987-021	02/26/10 17:19
1M54626.D	MBS15128	02/26/10 17:35
1M54627.D	MBS15129	02/26/10 17:51
1M54628.D	BLK	02/26/10 18:09
1M54629.D	BLK	02/26/10 18:25
1M54630.D	BLK	02/26/10 18:41
1M54631.D	BLK	02/26/10 18:57
1M54632.D	BLK	02/26/10 19:14
1M54633.D	BLK	02/26/10 19:30
1M54634.D	BLK	02/26/10 19:46
1M54635.D	BLK	02/26/10 20:02

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54584.D
 Acq On : 26 Feb 2010 5:41
 Operator : SG
 Sample : BFB TUNE
 Misc : S,5G
 ALS Vial : 2 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: Scan 41

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.4	13368	PASS
75	95	30	60	49.4	30768	PASS
95	95	100	100	100.0	62328	PASS
96	95	5	9	7.3	4521	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.8	49736	PASS
175	174	5	9	8.9	4415	PASS
176	174	95	101	96.8	48136	PASS
177	176	5	9	6.9	3341	PASS

Form 5

Tune Name: BFB TUNE

Data File: 3M71973.D

Instrument: GCMS 3

Analysis Date: 02/26/10 14:34

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.497 to 4.507 min

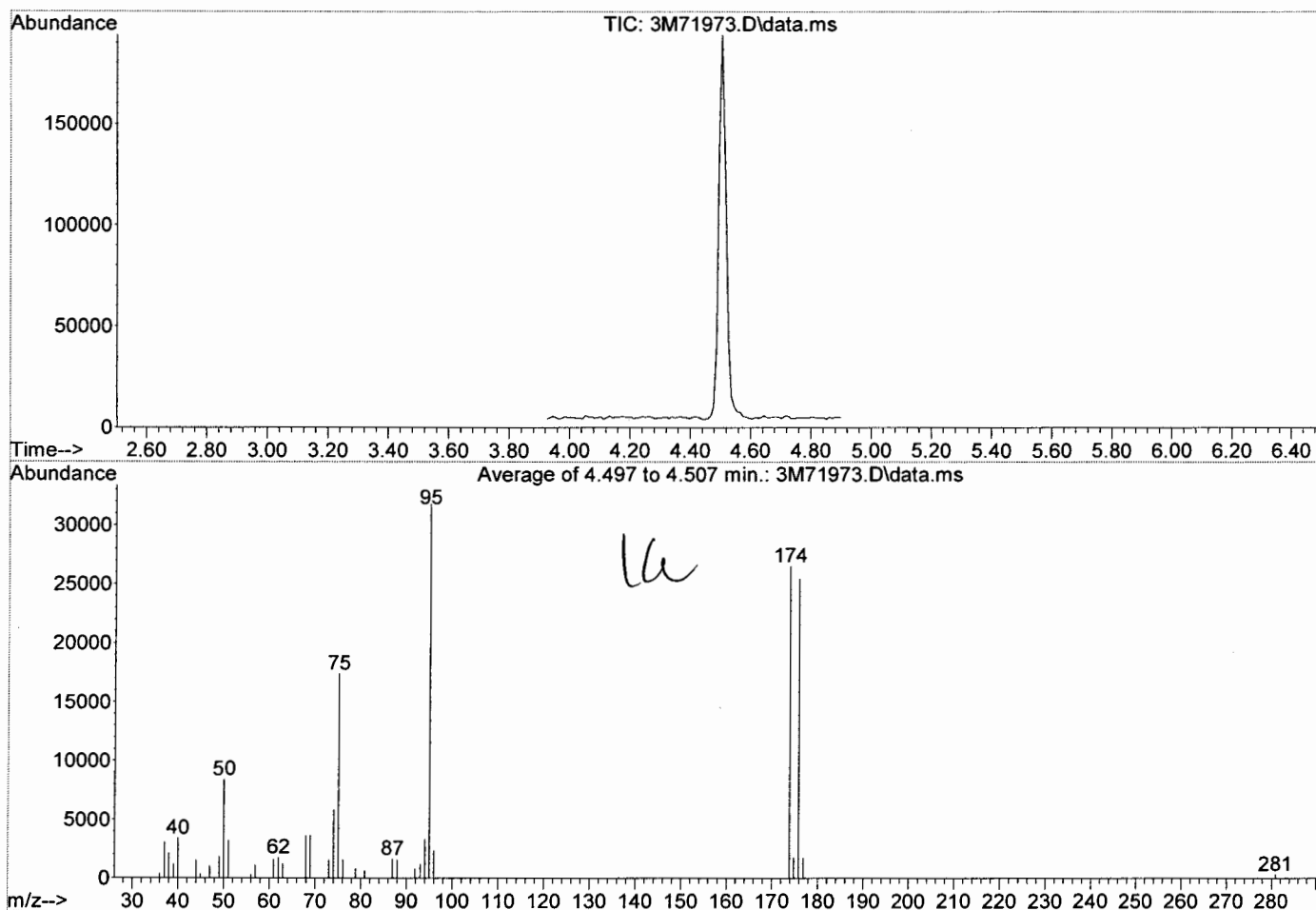
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	26.3	8365	PASS
75	95	30	60	54.7	17394	PASS
95	95	100	100	100.0	31780	PASS
96	95	5	9	7.3	2309	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.4	26496	PASS
175	174	5	9	6.5	1731	PASS
176	174	95	101	96.0	25428	PASS
177	176	5	9	6.8	1725	PASS

Data File	Sample Number	Analysis Date:
3M71974.D	CAL @ 50 PPB	02/26/10 15:16
3M71975.D	BLK	02/26/10 15:34
3M71976.D	DAILY BLANK	02/26/10 15:50
3M71977.D	AC50047-001	02/26/10 16:10
3M71978.D	AC50047-002	02/26/10 16:27
3M71979.D	MBS15127	02/26/10 16:44
3M71980.D	BLK	02/26/10 17:00
3M71981.D	AC50047-003	02/26/10 17:17
3M71982.D	AC50047-004	02/26/10 17:33
3M71983.D	AC50047-005	02/26/10 17:50
3M71984.D	AC50047-006	02/26/10 18:07
3M71985.D	AC50047-007	02/26/10 18:23
3M71986.D	AC50047-008	02/26/10 18:40
3M71987.D	AC50047-009	02/26/10 18:56
3M71988.D	AC50047-010	02/26/10 19:13
3M71989.D	AC50047-011	02/26/10 19:29
3M71990.D	AC50047-012	02/26/10 19:46
3M71991.D	AC50047-013	02/26/10 20:02
3M71992.D	AC50047-014	02/26/10 20:19
3M71993.D	AC50047-015	02/26/10 20:36
3M71994.D	AC50047-016	02/26/10 20:52
3M71995.D	AC50047-017	02/26/10 21:09
3M71996.D	AC50047-001(MS)	02/26/10 21:25
3M71997.D	AC50047-001(MSD)	02/26/10 21:42
3M71998.D	MBS15133	02/26/10 21:58
3M71999.D	BLK	02/26/10 22:15
3M72000.D	BLK	02/26/10 22:31
3M72001.D	AC49987-002	02/26/10 22:48
3M72002.D	AC50047-002	02/26/10 23:04
3M72003.D	AC50034-005	02/26/10 23:21
3M72004.D	MBS15134	02/26/10 23:37
3M72005.D	BLK	02/26/10 23:54
3M72006.D	AC50034-003(5X)	02/27/10 00:10
3M72007.D	AC50034-007(5X)	02/27/10 00:27
3M72008.D	AC50034-008(5X)	02/27/10 00:43
3M72009.D	AC50036-001(5X)	02/27/10 01:00
3M72010.D	MBS15135	02/27/10 01:16
3M72011.D	BLK	02/27/10 01:33
3M72012.D	BLK	02/27/10 01:49
3M72013.D	BLK	02/27/10 02:06
3M72014.D	BLK	02/27/10 02:22
3M72015.D	BLK	02/27/10 02:39

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Data File : 3M71973.D
 Acq On : 26 Feb 2010 14:34
 Operator : WP
 Sample : BFB TUNE
 Misc : A, 5mL
 ALS Vial : 3 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
 Title : @GCMS_3,ug,624,8260
 Last Update : Wed Jan 27 12:49:32 2010



Spectrum Information: Average of 4.497 to 4.507 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.3	8365	PASS
75	95	30	60	54.7	17394	PASS
95	95	100	100	100.0	31780	PASS
96	95	5	9	7.3	2309	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	83.4	26496	PASS
175	174	5	9	6.5	1731	PASS
176	174	95	101	96.0	25428	PASS
177	176	5	9	6.8	1725	PASS

Form 5

Tune Name: BFB TUNE

Data File: 1M54645.D

Instrument: GCMS 1

Analysis Date: 03/01/10 09:31

Method: EPA 8260B

Tune Scan/Time Range: Average of 4.555 to 4.565 min

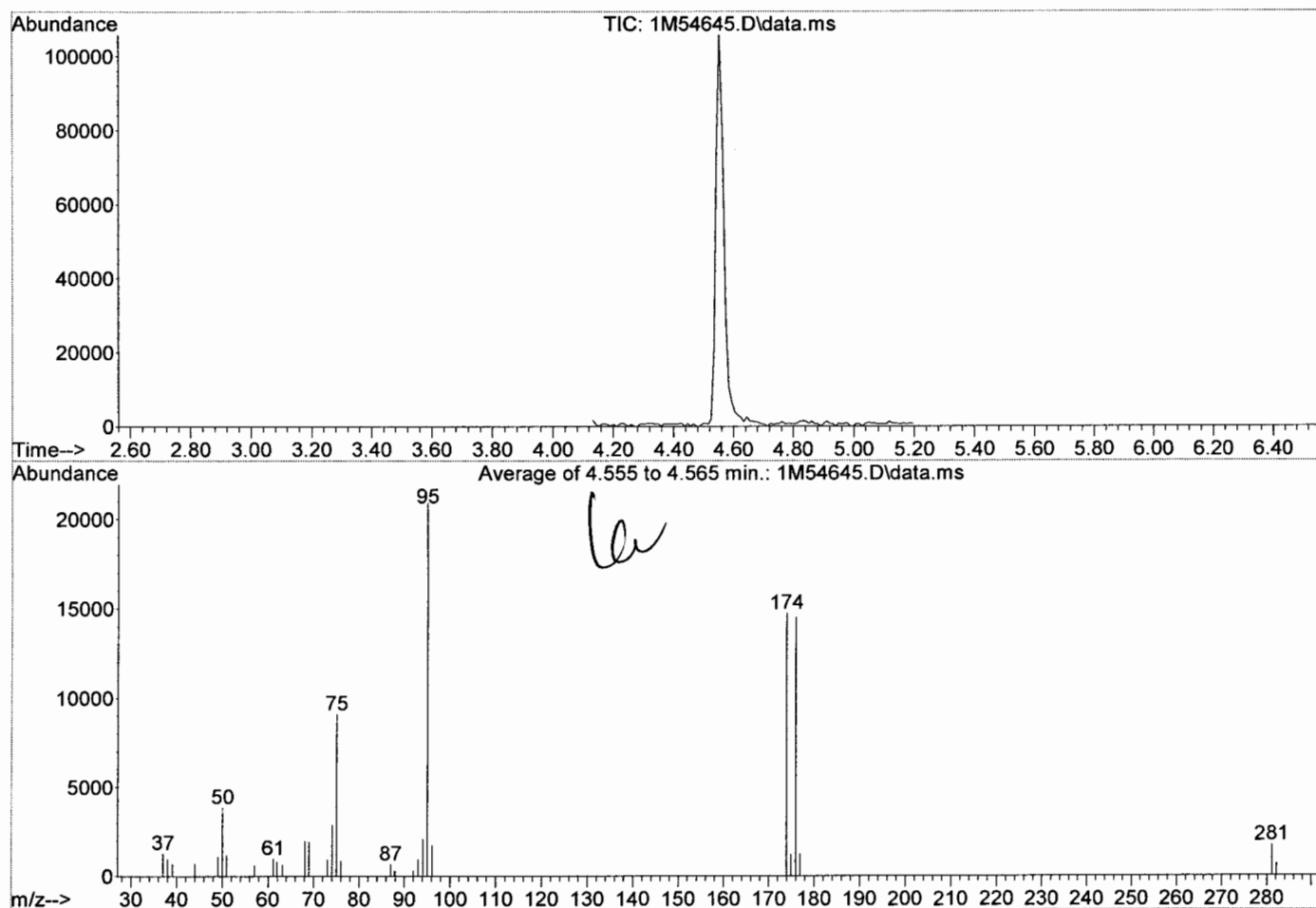
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
50	95	15	40	18.4	3851	PASS
75	95	30	60	43.4	9082	PASS
95	95	100	100	100.0	20912	PASS
96	95	5	9	8.2	1715	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.4	14720	PASS
175	174	5	9	8.0	1176	PASS
176	174	95	101	98.5	14504	PASS
177	176	5	9	8.4	1218	PASS

Data File	Sample Number	Analysis Date:
1M54646.D	CAL @ 50 PPB	03/01/10 10:11
1M54647.D	BLK	03/01/10 10:33
1M54648.D	DAILY BLANK	03/01/10 10:49
1M54649.D	BLK	03/01/10 11:05
1M54650.D	AC50034-003	03/01/10 11:24
1M54651.D	AC50034-002	03/01/10 11:40
1M54652.D	AC50034-001	03/01/10 11:56
1M54653.D	MBS15146	03/01/10 12:12
1M54654.D	AC49985-005(MS)	03/01/10 12:29
1M54655.D	AC49985-005(MSD)	03/01/10 12:45
1M54656.D	BLK	03/01/10 13:03
1M54657.D	BLK	03/01/10 14:21

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 Data File : 1M54645.D
 Acq On : 1 Mar 2010 9:31
 Operator : WP
 Sample : BFB TUNE
 Misc : S,5G
 ALS Vial : 2 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 4.555 to 4.565 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	3851	PASS
75	95	30	60	43.4	9082	PASS
95	95	100	100	100.0	20912	PASS
96	95	5	9	8.2	1715	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.4	14720	PASS
175	174	5	9	8.0	1176	PASS
176	174	95	101	98.5	14504	PASS
177	176	5	9	8.4	1218	PASS

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK

Client Id:

Data File: 1M54588.D

Analysis Date: 02/26/10 06:53

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 #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 1M54588.D	Final Vol: NA
Analysis Date: 02/26/10 06:53	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

Cas #	Compound	RT	Conc
1	No Unknown Compounds Detected	0.00	0J

Worksheet #: 144264

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.*

SampleID : DAILY BLANK
Data File: 1M54588.D
Acq On : 02/26/10 06:53

Operator : SG
Sam Mult : 1 Vial# : 6
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 02/26/10 07:05
Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
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	4.644	96	191320	30.00	ug/l	0.03
48) Chlorobenzene-d5	6.477	117	113138	30.00	ug/l	0.03
63) 1,4-Dichlorobenzene-d4	7.896	152	60570	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.190	111	60346	35.03	ug/l	0.02
Spiked Amount 30.000			Recovery	=	116.77%	
35) 1,2-Dichloroethane-d4	4.427	102	10664	34.14	ug/l	0.03
Spiked Amount 30.000			Recovery	=	113.80%	
59) Toluene-d8	5.610	100	92868	27.35	ug/l	0.03
Spiked Amount 30.000			Recovery	=	91.17%	
67) Bromofluorobenzene	7.177	174	50713	28.24	ug/l	0.03
Spiked Amount 30.000			Recovery	=	94.13%	

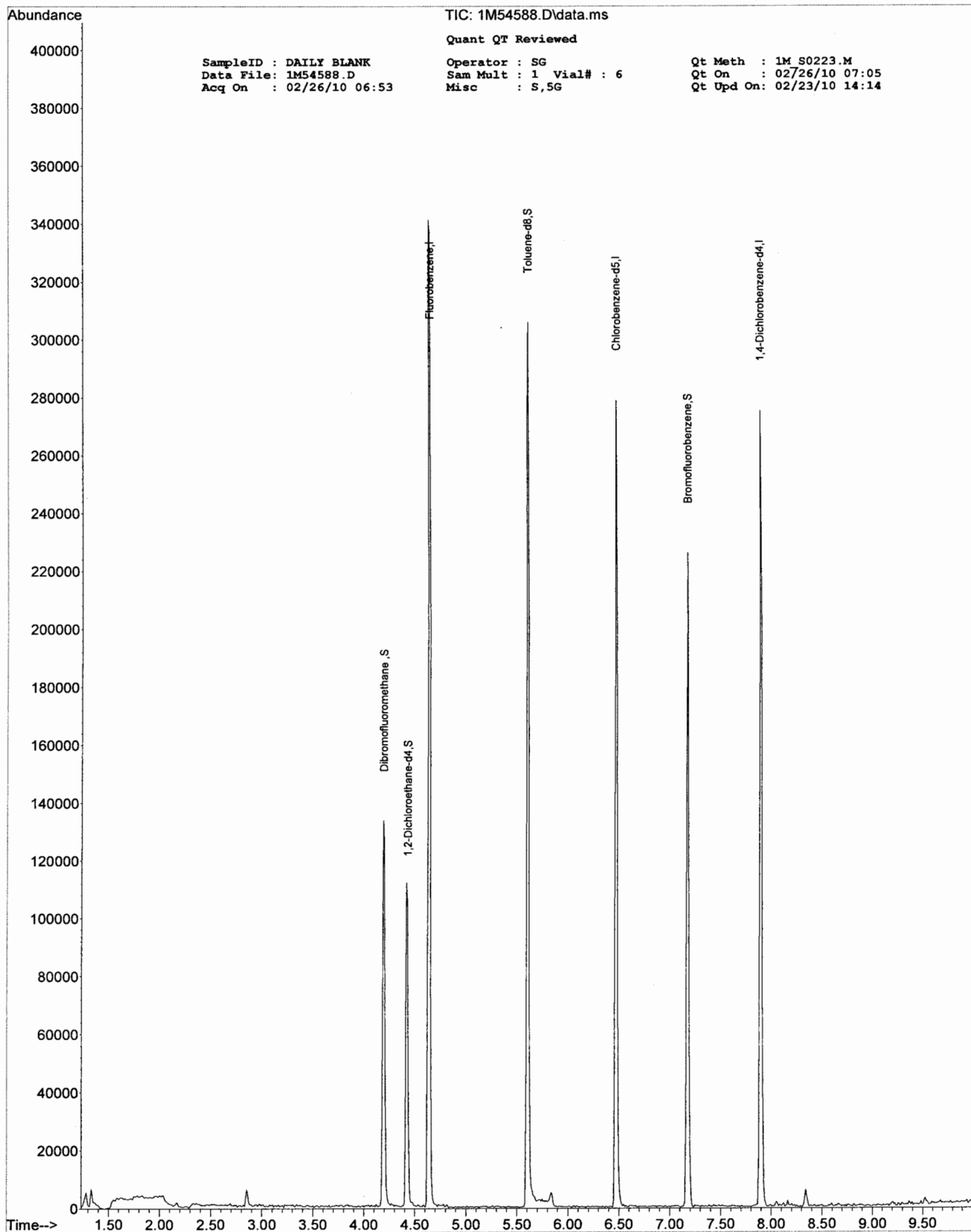
Target Compounds

Qvalue

No Library Search Compounds Found

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

Ve



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 Data File : 1M54588.D
 Acq On : 26 Feb 2010 6:53
 Operator : SG
 Sample : DAILY BLANK
 Misc : S,5G
 ALS Vial : 6 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: 1M54588.D\data.ms

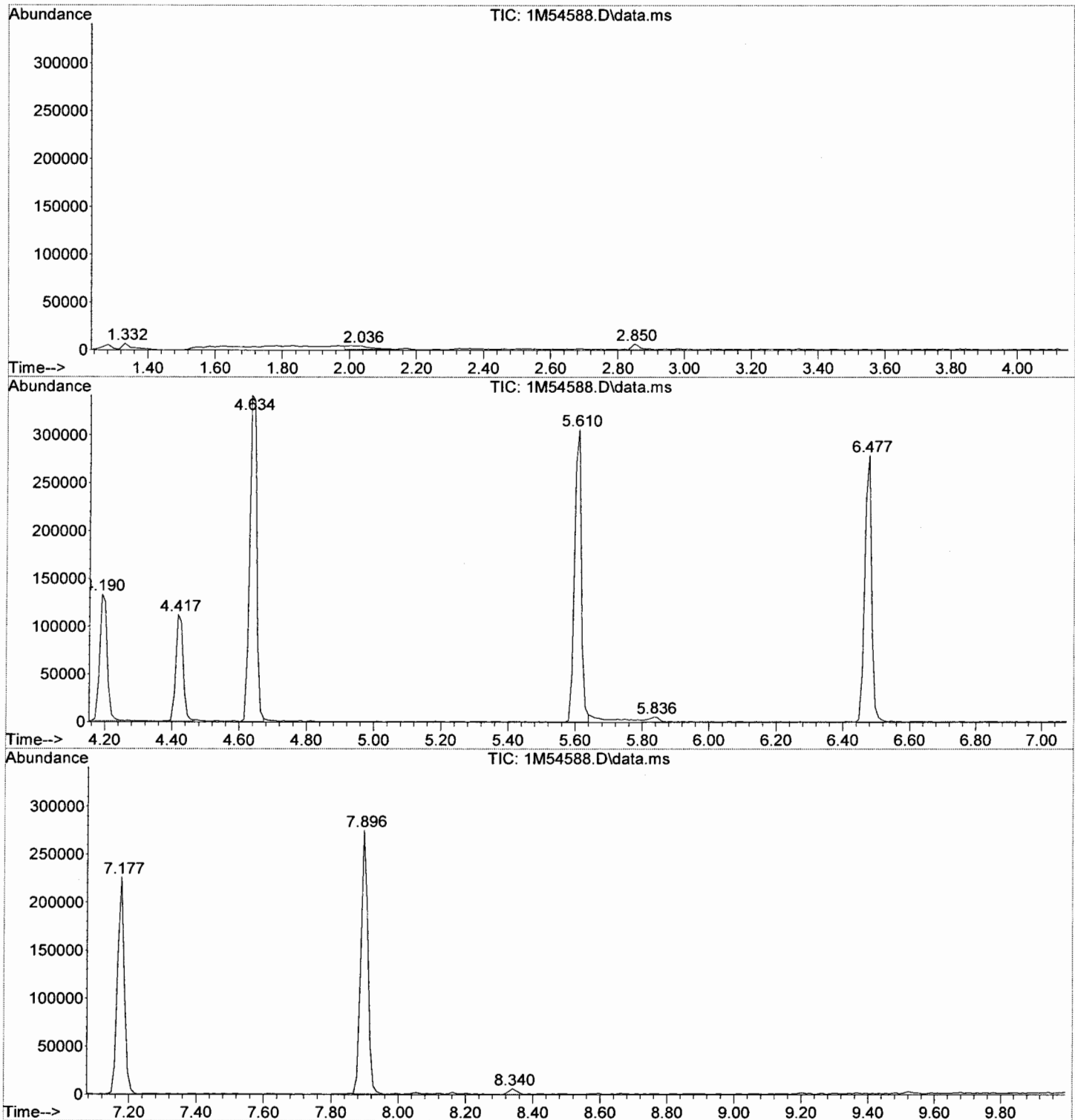
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.332	6	7	14	rVB2	6724	14211	2.83%	0.570%
2	2.036	46	49	55	rVB4	3631	15748	3.13%	0.632%
3	2.850	116	118	122	rBV	5753	9371	1.86%	0.376%
4	4.190	251	254	261	rBV	132859	207131	41.22%	8.313%
5	4.417	274	277	282	rBV	111458	167592	33.35%	6.726%
6	4.634	296	299	303	rBV	340877	502533	100.00%	20.168%
7	5.610	394	398	401	rBV	305548	432290	86.02%	17.349%
8	5.836	417	421	425	rVB	4980	11148	2.22%	0.447%
9	6.477	482	486	492	rBV	278716	402832	80.16%	16.167%
10	7.177	553	557	562	rVB	225825	318053	63.29%	12.764%
11	7.896	627	630	638	rVB	274767	400474	79.69%	16.072%
12	8.340	671	675	679	rBV2	6072	10369	2.06%	0.416%

Sum of corrected areas: 2491752

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54588.D
Acq On : 26 Feb 2010 6:53
Operator : SG
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
Data File : 1M54588.D
Acq On : 26 Feb 2010 6:53
Operator : SG
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 6 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-----			
					#	ExpRT	ActRt	Resp Conc

No Library Search Compounds Detected

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK

Client Id:

Data File: 3M71976.D

Analysis Date: 02/26/10 15:50

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	0.00050	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 #: 144263

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 3M71976.D	Final Vol: NA
Analysis Date: 02/26/10 15:50	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		No Unknown Compounds Detected	0.00	0 J

Worksheet #: 144263

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.*

SampleID : DAILY BLANK Operator : WP Qt Meth : 3M_S0127.M
Data File: 3M71976.D Sam Mult : 1 Vial# : 4 Qt On : 02/26/10 16:03
Acq On : 02/26/10 15:50 Misc : S,5G Qt Upd On: 02/08/10 10:10

Data Path : G:\GCMSData\2010\GCMS_3\Data\02-26-10\
Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
Qt Resp Via : Initial Calibration

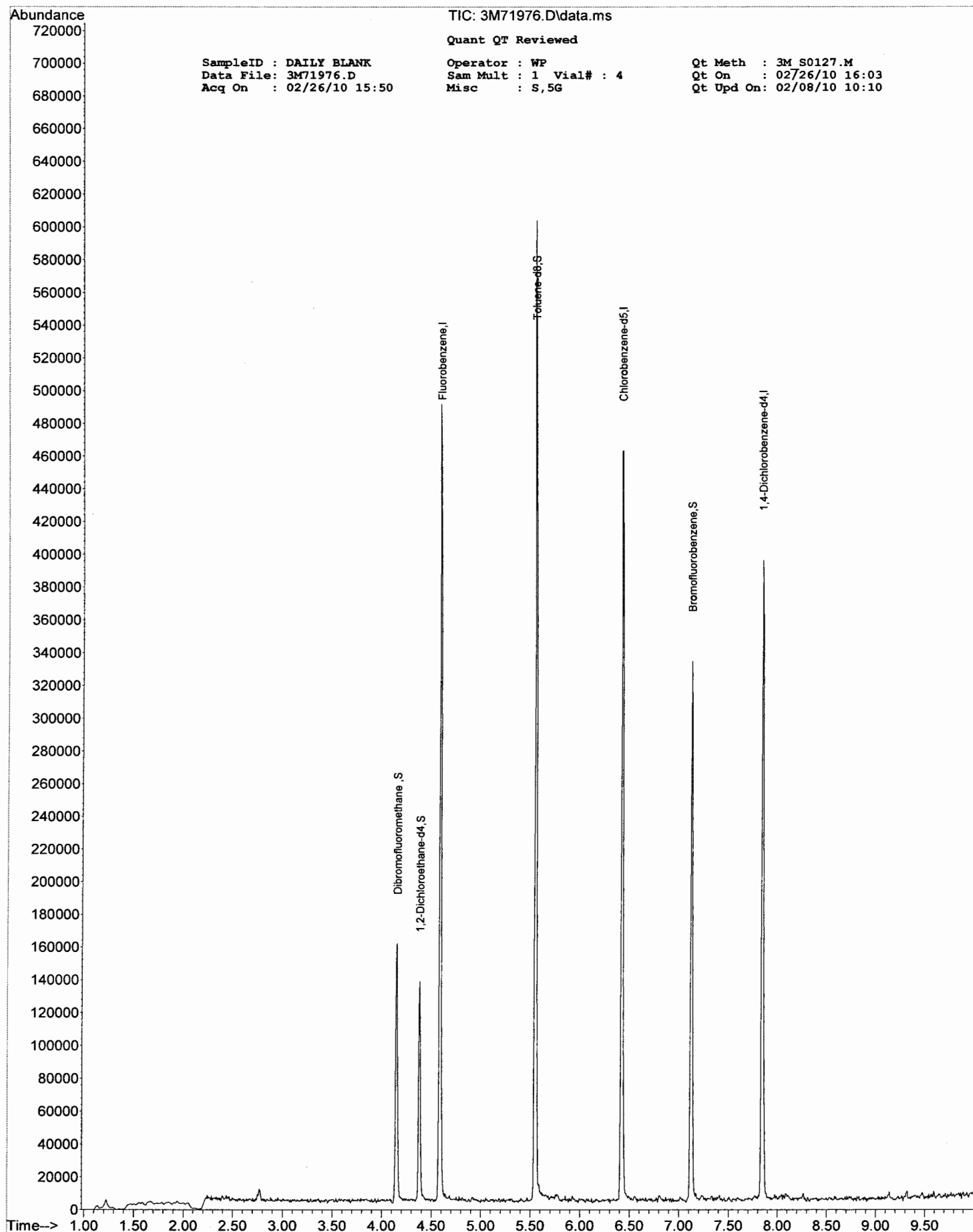
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.591	96	255162	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.425	117	186601	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.844	152	88174	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.152	111	68285	30.65	ug/l	0.02
Spiked Amount 30.000			Recovery =	102.17%		
35) 1,2-Dichloroethane-d4	4.380	102	9442	30.20	ug/l	0.02
Spiked Amount 30.000			Recovery =	100.67%		
59) Toluene-d8	5.553	100	159830	28.70	ug/l	0.02
Spiked Amount 30.000			Recovery =	95.67%		
67) Bromofluorobenzene	7.122	174	74017	29.01	ug/l	0.02
Spiked Amount 30.000			Recovery =	96.70%		

Target Compounds Qvalue

No Library Search Compounds Found

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

16



Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
Data File : 3M71976.D
Acq On : 26 Feb 2010 15:50
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 4 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_3\METHODQT\3M_S0127.M
Title : @GCMS_3,ug,624,8260

Signal : TIC: 3M71976.D\data.ms

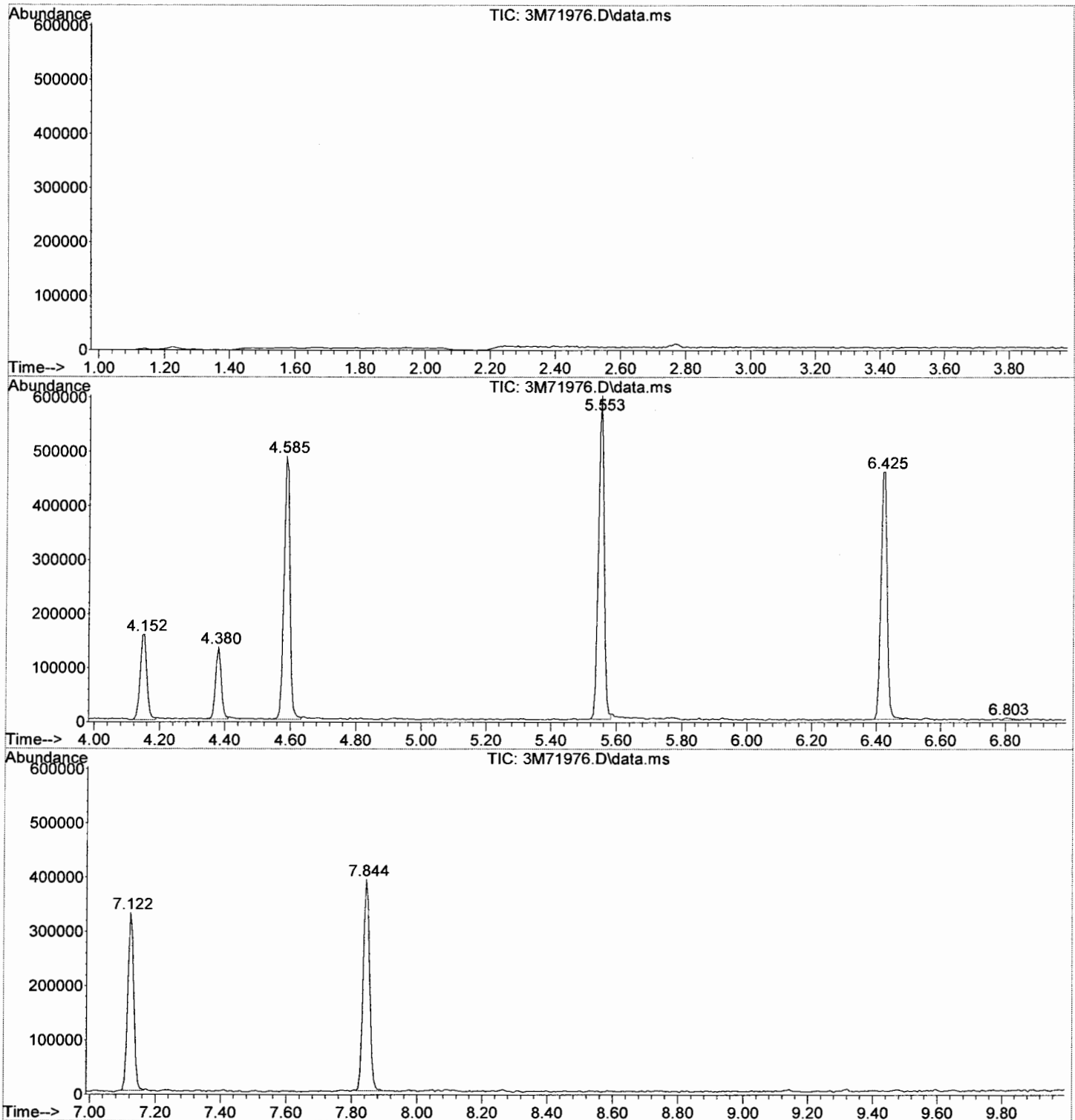
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.152	389	395	401	rBV	158157	226215	31.26%	6.843%
2	4.380	426	433	438	rBV	134008	164357	22.71%	4.972%
3	4.585	460	467	475	rBV	486512	610800	84.41%	18.477%
4	5.553	622	628	633	rBV	597779	723634	100.00%	21.891%
5	6.425	768	773	783	rBV	457296	611883	84.56%	18.510%
6	6.804	833	836	843	rBV5	4118	9048	1.25%	0.274%
7	7.122	884	889	896	rBV	327543	422412	58.37%	12.778%
8	7.844	1004	1009	1018	rVB	389277	537305	74.25%	16.254%

Sum of corrected areas: 3305654

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
Data File : 3M71976.D
Acq On : 26 Feb 2010 15:50
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 4 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
Quant Title : @GCMS_3,ug,624,8260

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



Data Path : G:\GCMSData\2010\GCMS_3\Data\02-26-10\
Data File : 3M71976.D
Acq On : 26 Feb 2010 15:50
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 4 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_3\METHODQT\3M_S0127.M
Quant Title : @GCMS_3,ug,624,8260

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

TIC Top Hit name	RT	EstConc	Units	Response	#	ExpRT	ActRt	Resp	Conc

					-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc

No Library Search Compounds Detected

Form1

ORGANICS VOLATILE REPORT

Sample Number: DAILY BLANK

Client Id:

Data File: 1M54648.D

Analysis Date: 03/01/10 10:49

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 #: 144264

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.

Form1eORGANICS VOLATILE REPORT
Tentatively Identified Compounds

Sample Number: DAILY BLANK	Matrix: Soil
Client Id:	Initial Vol: 5g
Data File: 1M54648.D	Final Vol: NA
Analysis Date: 03/01/10 10:49	Dilution: 1.00
Date Rec/Extracted:	Solids: 100
	Method: EPA 8260B

Units: mg/Kg

Cas #	Compound	RT	Conc
1	No Unknown Compounds Detected	0.00	0 J

Worksheet #: 144264

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.*

SampleID : DAILY BLANK
Data File: 1M54648.D
Acq On : 03/ 1/10 10:49

Operator : WP
Sam Mult : 1 Vial# : 5
Misc : S,5G

Qt Meth : 1M_S0223.M
Qt On : 03/01/10 11:06
Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
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	153478	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	121635	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	67455	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	43058	31.15	ug/l	0.00
Spiked Amount	30.000		Recovery	=	103.83%	
35) 1,2-Dichloroethane-d4	4.398	102	7535	30.07	ug/l	0.00
Spiked Amount	30.000		Recovery	=	100.23%	
59) Toluene-d8	5.581	100	104058	28.50	ug/l	0.00
Spiked Amount	30.000		Recovery	=	95.00%	
67) Bromofluorobenzene	7.148	174	56389	28.19	ug/l	0.00
Spiked Amount	30.000		Recovery	=	93.97%	

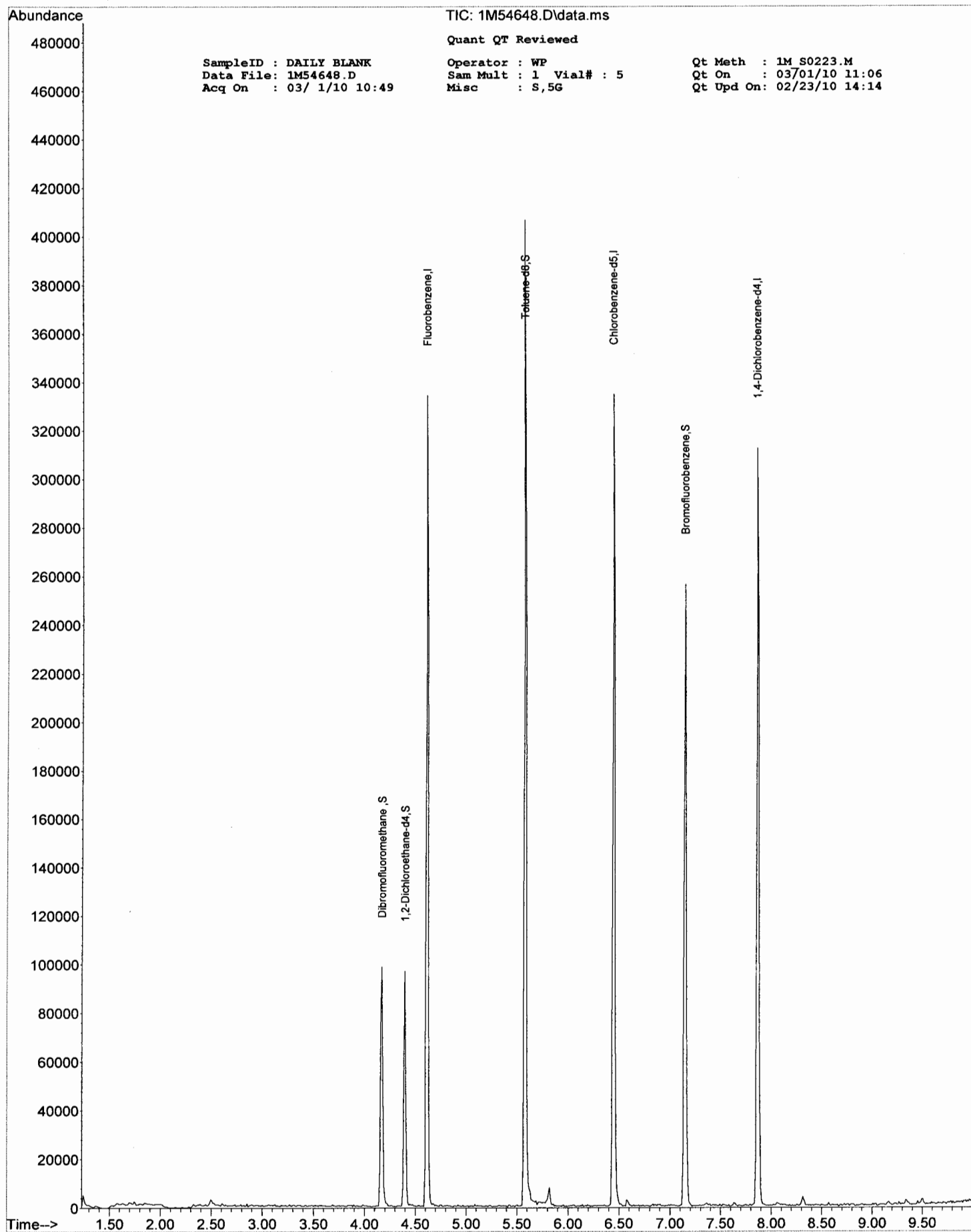
Target Compounds

Qvalue

No Library Search Compounds Found

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

la



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54648.D
Acq On : 1 Mar 2010 10:49
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 1000 Area counts
Max Peaks: 100
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: 1M54648.D\data.ms

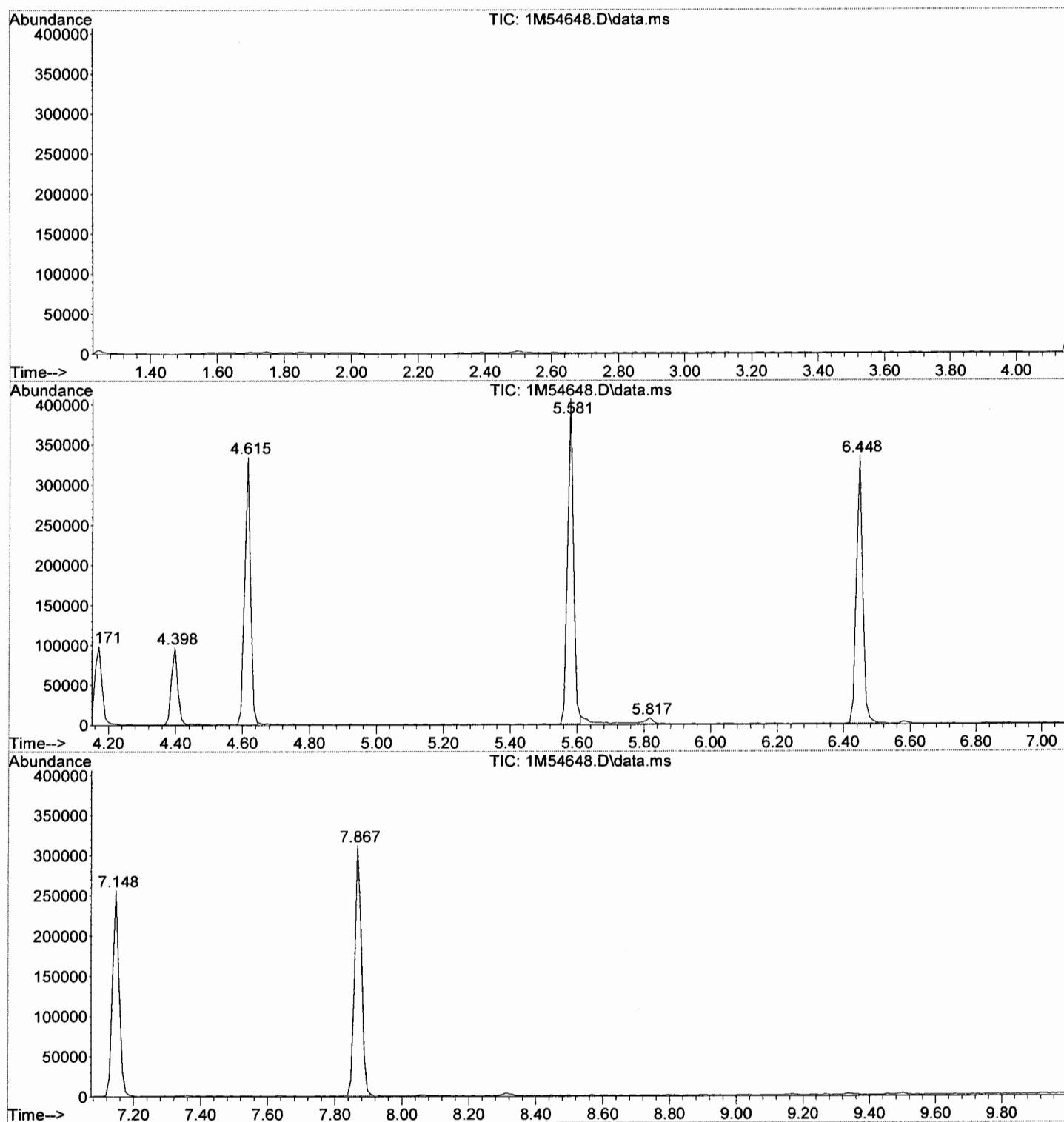
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.171	249	253	261	rVB	98324	145936	29.75%	6.030%
2	4.398	272	276	280	rBV	96574	126285	25.74%	5.218%
3	4.615	295	298	301	rBV	334041	408263	83.21%	16.869%
4	5.581	393	396	399	rBV	405910	490619	100.00%	20.272%
5	5.817	416	420	423	rVB	7147	11171	2.28%	0.462%
6	6.448	480	484	490	rBV	334184	443228	90.34%	18.314%
7	7.148	551	555	562	rVB	256256	356561	72.68%	14.733%
8	7.867	624	628	634	rVB	311344	438091	89.29%	18.102%

Sum of corrected areas: 2420154

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54648.D
Acq On : 1 Mar 2010 10:49
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 5 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



Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
Data File : 1M54648.D
Acq On : 1 Mar 2010 10:49
Operator : WP
Sample : DAILY BLANK
Misc : S,5G
ALS Vial : 5 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	#	ExpRT	ActRt	Resp	Conc

					-----Internal Standard-----				

No Library Search Compounds Detected

Form3

MBS Data

Method: 8260

Data File:====>					1M54511.D			1M54589.D			3M71979.D			3M72004.D			1M54653.D		
Data/Batch/Sample ID:====>					MBS15106-So			MBS15121-So			MBS15127-So			MBS15134-So			MBS15146-So		
Date/Time:====>					02/25/10 08:26			02/26/10 07:34			02/26/10 16:44			02/26/10 23:37			03/01/10 12:12		
Compound	Limit(s)		Col	Mr	Conc			Conc			Conc			Conc			Conc		
	Soil	Aq			Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec
1,1-Dichloroethane	14-127		1	0	44.75	50	89	33.1	50	66	36.28	50	73	33.16	50	66	47.03	50	94
1,1-Dichloroethene	8-114		1	0	34.85	50	70	27.83	50	56	27.67	50	55	25.44	50	51	37.88	50	76
1,2-Dichlorobenzen	19-113		1	0	35.18	50	70	31.88	50	64	34.01	50	68	36.31	50	73	46.12	50	92
1,2-Dichloroethane	18-130		1	0	48.78	50	98	36.35	50	73	40.3	50	81	34.75	50	69	46.68	50	93
1,4-Dichlorobenzen	20-110		1	0	34.98	50	70	31.66	50	63	33.6	50	67	35.58	50	71	45.77	50	92
2-Butanone	4-141		1	0	48.89	50	98	33.25	50	67	42.92	50	86	36.71	50	73	47.88	50	96
Benzene	21-122		1	0	52.54	50	105	41.85	50	84	43.01	50	86	40.37	50	81	57.45	50	115
Carbon Tetrachlorid	19-122		1	0	42.28	50	85	39.06	50	78	37.71	50	75	36.85	50	74	50.57	50	101
Chlorobenzene	21-117		1	0	38.9	50	78	34.62	50	69	38.46	50	77	37.6	50	75	46.35	50	93
Chloroform	26-119		1	0	50.1	50	100	38.01	50	76	38.53	50	77	36.07	50	72	50.34	50	101
n-Propylbenzene	16-122		1	0	37.21	50	74	31.24	50	62	37.87	50	76	44.01	50	88	49.37	50	99
sec-Butylbenzene	9-125		1	0	39.54	50	79	32.49	50	65	32.97	50	66	41.28	50	83	50.96	50	102
Tetrachloroethene	18-116		1	0	35.44	50	71	35.06	50	70	35.7	50	71	37.13	50	74	44.08	50	88
Toluene	19-128		1	0	45.94	50	92	40.33	50	81	43.08	50	86	42.07	50	84	54.6	50	109
Trichloroethene	21-116		1	0	40.01	50	80	37.09	50	74	35.55	50	71	34.77	50	70	48.26	50	97
Vinyl Chloride	6-117		1	0	50.87	50	102	28.83	50	58	34.52	50	69	31.71	50	63	39.1	50	78

SampleID : MBS Operator : WP Qt Meth : 1M S0223.M
 Data File: 1M54511.D Sam Mult : 1 Vial# : 36 Qt On : 02/25/10 09:34
 Acq On : 02/25/10 08:26 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
 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	4.626	96	171742	30.00	ug/l	0.01
48) Chlorobenzene-d5	6.459	117	131756	30.00	ug/l	0.01
63) 1,4-Dichlorobenzene-d4	7.878	152	77927	30.00	ug/l	0.01
System Monitoring Compounds						
33) Dibromofluoromethane	4.172	111	48323	31.24	ug/l	0.00
Spiked Amount 30.000			Recovery	=	104.13%	
35) 1,2-Dichloroethane-d4	4.409	102	8509	30.35	ug/l	0.01
Spiked Amount 30.000			Recovery	=	101.17%	
59) Toluene-d8	5.582	100	114452	28.94	ug/l	0.00
Spiked Amount 30.000			Recovery	=	96.47%	
67) Bromofluorobenzene	7.159	174	67561	29.24	ug/l	0.01
Spiked Amount 30.000			Recovery	=	97.47%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.394	51	140830	41.09	ug/l	1
6) Dichlorodifluoromethane	1.394	85	67051	33.47	ug/l	99
7) Chloromethane	1.511	50	114284	48.03	ug/l	98
8) Bromomethane	1.829	94	41899	45.51	ug/l	97
9) Vinyl Chloride	1.595	62	82111	50.87	ug/l	97
10) Chloroethane	1.913	64	44217	47.51	ug/l	98
11) Trichlorofluoromethane	2.097	101	155466	44.51	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.477	101	73714	41.00	ug/l	95
13) Methylene Chloride	2.832	84	91290	44.41	ug/l	97
14) Acrolein	2.398	56	45913	229.88	ug/l	97
15) Acrylonitrile	3.009	53	16098	35.65	ug/l	90
16) Iodomethane	2.605	142	131098	44.96	ug/l	71
17) Acetone	2.507	43	81408	239.05	ug/l	99
18) Carbon Disulfide	2.664	76	230806	42.58	ug/l	100
19) t-Butyl Alcohol	2.901	59	11125	225.57	ug/l	97
20) n-Hexane	3.275	57	121423	41.11	ug/l	85
21) Di-isopropyl-ether	3.433	45	330088	45.26	ug/l	90
22) 1,1-Dichloroethene	2.487	61	140407	34.85	ug/l	99
23) Methyl Acetate	2.753	43	45120	43.29	ug/l	100
24) Methyl-t-butyl ether	3.049	73	125125	45.94	ug/l	70
25) 1,1-Dichloroethane	3.384	63	193136	44.75	ug/l	98
26) trans-1,2-Dichloroethene	3.049	96	86311	43.75	ug/l	93
27) cis-1,2-Dichloroethene	3.847	61	185698	45.28	ug/l	95
28) Bromochloromethane	4.015	49	85655	43.28	ug/l	79
29) 2,2-Dichloropropane	3.847	77	129305	48.69	ug/l	92
30) 1,4-Dioxane	5.059	88	25733	2519.63	ug/l	74
31) 1,1-Dichloropropene	4.320	75	128722	37.14	ug/l	99
32) Chloroform	4.064	83	188924	50.10	ug/l	96
34) Cyclohexane	4.261	56	157176	35.90	ug/l	91
36) 1,2-Dichloroethane	4.448	62	147343	48.78	ug/l	96
37) 2-Butanone	3.847	43	29975	48.89	ug/l	95
38) 1,1,1-Trichloroethane	4.212	97	134736	43.12	ug/l	96
39) Carbon Tetrachloride	4.330	117	117735	42.28	ug/l	93
40) Vinyl Acetate	3.433	43	273768	43.07	ug/l	100
41) Bromodichloromethane	5.138	83	146213	48.10	ug/l	96
42) Methylcyclohexane	4.981	83	151836	39.33	ug/l	80
43) Dibromomethane	5.059	174	63975	47.89	ug/l	96
44) 1,2-Dichloropropane	4.981	63	102343	44.62	ug/l	95
45) Trichloroethene	4.852	130	93692	40.01	ug/l	96
46) Benzene	4.458	78	352027	52.54	ug/l	100
47) tert-Amyl methyl ether	4.517	73	112585	43.86	ug/l	82
49) Dibromochloromethane	6.104	129	95934	49.82	ug/l	98
50) 2-Chloroethylvinylether	5.306	63	39743	43.96	ug/l	86
51) cis-1,3-Dichloropropene	5.414	75	142662	44.53	ug/l	99
52) trans-1,3-Dichloropropene	5.739	75	120681	46.84	ug/l	98
53) 1,1,2-Trichloroethane	5.848	97	67772	48.06	ug/l	93
54) 1,2-Dibromoethane	6.183	107	68024	46.59	ug/l	96
55) 1,3-Dichloropropane	5.956	76	128509	46.39	ug/l	99
56) 4-Methyl-2-Pentanone	5.493	43	60760	44.42	ug/l	99
57) 2-Hexanone	5.986	43	40114	43.50	ug/l	97
58) Tetrachloroethene	5.966	164	85525	35.44	ug/l	94
60) Toluene	5.631	92	211964	45.94	ug/l	96
61) 1,1,1,2-Tetrachloroethane	6.508	133	84211	43.32	ug/l	90
62) Chlorobenzene	6.469	112	231708	38.90	ug/l	97
64) Bromoform	6.971	173	57714	42.79	ug/l	94
65) Ethylbenzene	6.528	106	90192	34.99	ug/l	99
66) 1,1,2,2-Tetrachloroethane	7.208	83	69621	42.04	ug/l	90
68) Styrene	6.843	104	218949	36.54	ug/l	95
69) m&p-Xylenes	6.587	106	280346	71.73	ug/l	92

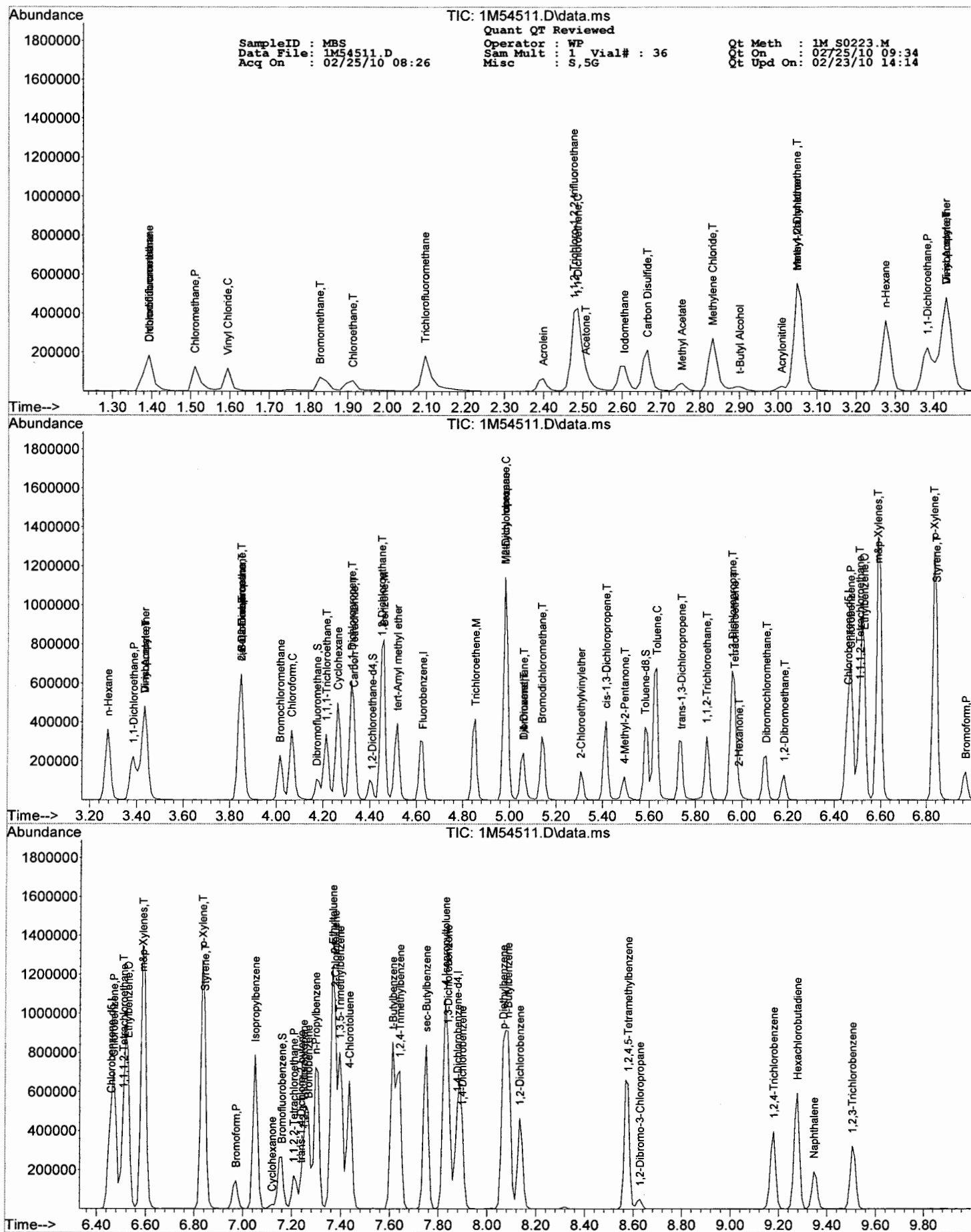
Quantitation Report (QT Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M S0223.M
 Data File: 1M54511.D Sam Mult : 1 Vial# : 36 Qt On : 02/25/10 09:34
 Acq On : 02/25/10 08:26 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
 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	136587	36.91	ug/l	81
71) trans-1,4-Dichloro-2-b...	7.237	53	29632	44.82	ug/l	65
72) 1,3-Dichlorobenzene	7.839	146	178312	35.46	ug/l	93
73) 1,4-Dichlorobenzene	7.898	146	171500	34.98	ug/l	95
74) 1,2-Dichlorobenzene	8.134	146	151203	35.18	ug/l	94
75) Isopropylbenzene	7.050	105	361015	35.89	ug/l	98
76) Cyclohexanone	7.119	55	8318	168.90	ug/l	91
77) 1,2,3-Trichloropropane	7.247	75	92671	42.04	ug/l	94
78) 2-Chlorotoluene	7.375	91	220608	35.89	ug/l	98
79) p-Ethyltoluene	7.366	105	405789	34.90	ug/l	96
80) 4-Chlorotoluene	7.435	91	223104	35.67	ug/l	97
81) n-Propylbenzene	7.297	91	468537	37.21	ug/l	98
82) Bromobenzene	7.267	77	223767	37.05	ug/l	88
83) 1,3,5-Trimethylbenzene	7.395	105	291067	32.78	ug/l	99
84) t-Butylbenzene	7.612	119	317238	38.33	ug/l	90
85) 1,2,4-Trimethylbenzene	7.642	105	330607	38.08	ug/l	96
86) sec-Butylbenzene	7.750	105	428074	39.54	ug/l	99
87) 4-Isopropyltoluene	7.829	119	347757	38.37	ug/l	95
88) n-Butylbenzene	8.085	91	429594	38.51	ug/l	98
89) p-Diethylbenzene	8.065	119	207845	36.15	ug/l	95
90) 1,2,4,5-Tetramethylben...	8.578	119	320341	37.76	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.627	157	12000	36.42	ug/l	79
92) Hexachlorobutadiene	9.278	225	120363	38.71	ug/l	96
93) 1,2,4-Trichlorobenzene	9.179	180	112496	33.20	ug/l	98
94) 1,2,3-Trichlorobenzene	9.504	180	98414	31.56	ug/l	96
95) Naphthalene	9.347	128	132269	30.68	ug/l	100

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



SampleID : MBS Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54589.D Sam Mult : 1 Vial# : 7 Qt On : 02/26/10 07:53
 Acq On : 02/26/10 07:34 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	4.635	96	215203	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.468	117	165614	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.897	152	106448	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.191	111	61609	31.79	ug/l	0.02
Spiked Amount 30.000			Recovery	=	105.97%	
35) 1,2-Dichloroethane-d4	4.418	102	12137	34.55	ug/l	0.02
Spiked Amount 30.000			Recovery	=	115.17%	
59) Toluene-d8	5.601	100	142553	28.68	ug/l	0.02
Spiked Amount 30.000			Recovery	=	95.60%	
67) Bromofluorobenzene	7.178	174	91497	28.99	ug/l	0.03
Spiked Amount 30.000			Recovery	=	96.63%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.393	51	179156	41.72	ug/l	1
6) Dichlorodifluoromethane	1.393	85	84878	33.81	ug/l	96
7) Chloromethane	1.527	50	73608	24.69	ug/l	99
8) Bromomethane	1.845	94	34702	30.08	ug/l	96
9) Vinyl Chloride	1.610	62	58318	28.83	ug/l	99
10) Chloroethane	1.912	64	36292	31.12	ug/l	99
11) Trichlorofluoromethane	2.113	101	152474	34.84	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.496	101	90436	40.14	ug/l	98
13) Methylene Chloride	2.851	84	83869	32.56	ug/l	95
14) Acrolein	2.407	56	35120	140.33	ug/l	97
15) Acrylonitrile	3.028	53	16854	29.78	ug/l	95
16) Iodomethane	2.614	142	113712	31.12	ug/l	74
17) Acetone	2.516	43	73124	157.19	ug/l	99
18) Carbon Disulfide	2.674	76	244419	35.99	ug/l	100
19) t-Butyl Alcohol	2.910	59	8709	140.92	ug/l	56
20) n-Hexane	3.294	57	131209	35.45	ug/l	90
21) Di-isopropyl-ether	3.452	45	276526	30.26	ug/l	91
22) 1,1-Dichloroethene	2.496	61	140504	27.83	ug/l	93
23) Methyl Acetate	2.762	43	38173	29.23	ug/l	100
24) Methyl-t-butyl ether	3.068	73	98304	28.81	ug/l	65
25) 1,1-Dichloroethane	3.393	63	179006	33.10	ug/l	97
26) trans-1,2-Dichloroethene	3.068	96	85310	34.51	ug/l	88
27) cis-1,2-Dichloroethene	3.856	61	169587	33.00	ug/l	92
28) Bromochloromethane	4.034	49	73178	29.51	ug/l	84
29) 2,2-Dichloropropane	3.866	77	128227	38.54	ug/l	91
30) 1,4-Dioxane	5.078	88	22390	1749.56	ug/l	68
31) 1,1-Dichloropropene	4.339	75	146194	33.66	ug/l	93
32) Chloroform	4.083	83	179613	38.01	ug/l	99
34) Cyclohexane	4.280	56	187472	34.17	ug/l	93
36) 1,2-Dichloroethane	4.467	62	137587	36.35	ug/l	99
37) 2-Butanone	3.856	43	25549	33.25	ug/l	94
38) 1,1,1-Trichloroethane	4.231	97	145540	37.17	ug/l	94
39) Carbon Tetrachloride	4.349	117	136295	39.06	ug/l	89
40) Vinyl Acetate	3.452	43	223203	28.02	ug/l	100
41) Bromodichloromethane	5.157	83	137939	36.22	ug/l	97
42) Methylcyclohexane	5.000	83	170141	35.17	ug/l	81
43) Dibromomethane	5.069	174	63786	38.11	ug/l	95
44) 1,2-Dichloropropane	5.000	63	93020	32.36	ug/l	93
45) Trichloroethene	4.862	130	108824	37.09	ug/l	95
46) Benzene	4.467	78	351355	41.85	ug/l	100
47) tert-Amyl methyl ether	4.526	73	90249	28.06	ug/l	76
49) Dibromochloromethane	6.113	129	90915	37.56	ug/l	97
50) 2-Chloroethylvinylether	5.325	63	28354	24.95	ug/l	97
51) cis-1,3-Dichloropropene	5.433	75	127099	31.56	ug/l	98
52) trans-1,3-Dichloropropene	5.749	75	106998	33.04	ug/l	97
53) 1,1,2-Trichloroethane	5.867	97	61521	34.71	ug/l	94
54) 1,2-Dibromoethane	6.202	107	64113	34.93	ug/l	97
55) 1,3-Dichloropropane	5.975	76	117870	33.85	ug/l	95
56) 4-Methyl-2-Pentanone	5.512	43	44688	25.99	ug/l	90
57) 2-Hexanone	5.995	43	29857	25.76	ug/l	97
58) Tetrachloroethene	5.985	164	106328	35.06	ug/l	99
60) Toluene	5.640	92	233947	40.33	ug/l	93
61) 1,1,1,2-Tetrachloroethane	6.527	133	93972	38.46	ug/l	98
62) Chlorobenzene	6.488	112	259248	34.62	ug/l	100
64) Bromoform	6.990	173	54530	29.60	ug/l	93
65) Ethylbenzene	6.547	106	100488	28.54	ug/l	100
66) 1,1,2,2-Tetrachloroethane	7.227	83	62519	27.63	ug/l	86
68) Styrene	6.862	104	251135	30.68	ug/l	100
69) m&p-Xylenes	6.606	106	323873	60.66	ug/l	97

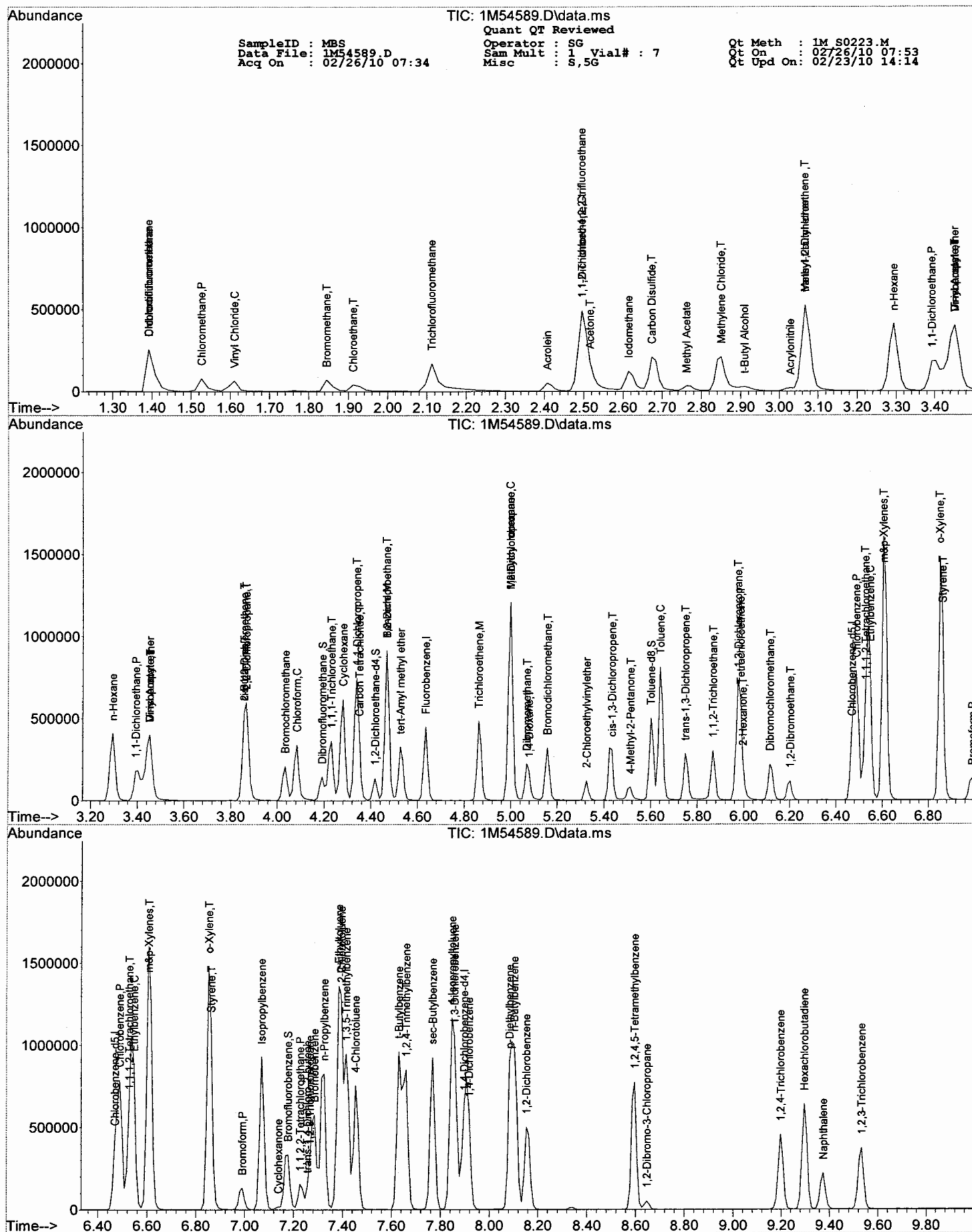
Quantitation Report (QT Reviewed)

SampleID : MBS Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54589.D Sam Mult : 1 Vial# : 7 Qt On : 02/26/10 07:53
 Acq On : 02/26/10 07:34 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-26-10\
 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	6.852	106	160274	31.71	ug/l	84
71) trans-1,4-Dichloro-2-b...	7.256	53	26552	29.40	ug/l	70
72) 1,3-Dichlorobenzene	7.858	146	217447	31.65	ug/l	96
73) 1,4-Dichlorobenzene	7.917	146	212022	31.66	ug/l	96
74) 1,2-Dichlorobenzene	8.153	146	187186	31.88	ug/l	96
75) Isopropylbenzene	7.069	105	423265	30.80	ug/l	98
76) Cyclohexanone	7.138	55	6787	100.89	ug/l	97
77) 1,2,3-Trichloropropane	7.266	75	86879	28.85	ug/l	97
78) 2-Chlorotoluene	7.394	91	271121	32.17	ug/l	98
79) p-Ethyltoluene	7.385	105	471142	29.66	ug/l	96
80) 4-Chlorotoluene	7.454	91	259099	30.33	ug/l	97
81) n-Propylbenzene	7.325	91	537357	31.24	ug/l	96
82) Bromobenzene	7.286	77	244619	29.65	ug/l	92
83) 1,3,5-Trimethylbenzene	7.414	105	342281	28.22	ug/l	32
84) t-Butylbenzene	7.631	119	376823	33.33	ug/l	94
85) 1,2,4-Trimethylbenzene	7.661	105	392783	33.12	ug/l	98
86) sec-Butylbenzene	7.769	105	480438	32.49	ug/l	99
87) 4-Isopropyltoluene	7.848	119	393665	31.80	ug/l	96
88) n-Butylbenzene	8.104	91	471322	30.93	ug/l	98
89) p-Diethylbenzene	8.084	119	236123	30.06	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.597	119	364074	31.42	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.646	157	12261	27.24	ug/l	93
92) Hexachlorobutadiene	9.297	225	131694	31.01	ug/l	97
93) 1,2,4-Trichlorobenzene	9.198	180	133840	28.91	ug/l	99
94) 1,2,3-Trichlorobenzene	9.533	180	116997	27.46	ug/l	96
95) Naphthalene	9.375	128	151513	25.73	ug/l	100

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



Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 3M S0127.M
 Data File: 3M71979.D Sam Mult : 1 Vial# : 7 Qt On : 02/26/10 16:59
 Acq On : 02/26/10 16:44 Misc : S,5G Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.586	96	257264	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.420	117	179473	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.845	152	89961	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.147	111	66486	29.59	ug/l	0.02
Spiked Amount 30.000			Recovery =	98.63%		
35) 1,2-Dichloroethane-d4	4.381	102	9350	29.66	ug/l	0.03
Spiked Amount 30.000			Recovery =	98.87%		
59) Toluene-d8	5.548	100	161193	30.09	ug/l	0.02
Spiked Amount 30.000			Recovery =	100.30%		
67) Bromofluorobenzene	7.123	174	79077	30.38	ug/l	0.03
Spiked Amount 30.000			Recovery =	101.27%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.290	51	278085	41.98	ug/l	1
6) Dichlorodifluoromethane	1.290	85	108774	20.39	ug/l	93
7) Chloromethane	1.424	50	115885	26.58	ug/l	96
8) Bromomethane	1.739	94	50171	31.95	ug/l	99
9) Vinyl Chloride	1.490	62	108291	34.52	ug/l	93
10) Chloroethane	1.806	64	50121	33.15	ug/l	98
11) Trichlorofluoromethane	1.989	101	110495	34.63	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.385	101	115777	39.17	ug/l	94
13) Methylene Chloride	2.770	84	92737	33.71	ug/l	80
14) Acrolein	2.331	56	40761	165.98	ug/l	95
15) Acrylonitrile	2.974	53	20208	38.66	ug/l	84
16) Iodomethane	2.523	142	162846	31.36	ug/l	66
17) Acetone	2.445	43	78349	192.32	ug/l	88
18) Carbon Disulfide	2.571	76	335557	33.49	ug/l	100
19) t-Butyl Alcohol	2.860	59	9771	169.50	ug/l	97
20) n-Hexane	3.185	57	209383	38.21	ug/l	88
21) Di-isopropyl-ether	3.365	45	438893	37.97	ug/l	80
22) 1,1-Dichloroethene	2.397	61	187001	27.67	ug/l	89
23) Methyl Acetate	2.692	43	46376	37.19	ug/l	100
24) Methyl-t-butyl ether	2.980	73	94033	31.21	ug/l	92
25) 1,1-Dichloroethane	3.323	63	246063	36.28	ug/l	96
26) trans-1,2-Dichloroethene	2.980	96	103182	33.58	ug/l	85
27) cis-1,2-Dichloroethene	3.804	61	216232	36.80	ug/l	90
28) Bromochloromethane	3.984	49	99457	36.90	ug/l	71
29) 2,2-Dichloropropane	3.804	77	121472	35.78	ug/l	94
30) 1,4-Dioxane	5.037	88	23580	2110.32	ug/l	68
31) 1,1-Dichloropropene	4.279	75	192800	35.99	ug/l	99
32) Chloroform	4.033	83	204806	38.53	ug/l	96
34) Cyclohexane	4.207	56	281595	38.53	ug/l	83
36) 1,2-Dichloroethane	4.429	62	131422	40.30	ug/l	98
37) 2-Butanone	3.816	43	36978	42.92	ug/l	74
38) 1,1,1-Trichloroethane	4.171	97	158956	36.33	ug/l	95
39) Carbon Tetrachloride	4.279	117	154584	37.71	ug/l	90
40) Vinyl Acetate	3.359	43	313337	34.85	ug/l	100
41) Bromodichloromethane	5.121	83	151570	37.31	ug/l	98
42) Methylcyclohexane	4.929	83	240577	38.02	ug/l	74
43) Dibromomethane	5.031	174	64364	37.94	ug/l	93
44) 1,2-Dichloropropane	4.959	63	141555	39.02	ug/l	98
45) Trichloroethene	4.814	130	136451	35.55	ug/l	98
46) Benzene	4.417	78	471552	43.01	ug/l	100
47) tert-Amyl methyl ether	4.472	73	98061	30.58	ug/l	73
49) Dibromochloromethane	6.077	129	95821	38.20	ug/l	100
50) 2-Chloroethylvinylether	5.289	63	42515	37.43	ug/l	84
51) cis-1,3-Dichloropropene	5.386	75	155353	34.79	ug/l	93
52) trans-1,3-Dichloropropene	5.716	75	110246	35.48	ug/l	95
53) 1,1,2-Trichloroethane	5.831	97	70818	40.25	ug/l	97
54) 1,2-Dibromoethane	6.155	107	69905	37.51	ug/l	94
55) 1,3-Dichloropropane	5.933	76	136240	41.92	ug/l	95
56) 4-Methyl-2-Pentanone	5.470	43	66381	40.27	ug/l	96
57) 2-Hexanone	5.963	43	45321	40.18	ug/l	87
58) Tetrachloroethene	5.921	164	118597	35.70	ug/l	99
60) Toluene	5.590	92	294936	43.08	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.480	133	96861	40.56	ug/l	89
62) Chlorobenzene	6.438	112	311776	38.46	ug/l	96
64) Bromoform	6.943	173	50919	34.83	ug/l	91
65) Ethylbenzene	6.486	106	135061	34.56	ug/l	89
66) 1,1,2,2-Tetrachloroethane	7.190	83	72914	36.64	ug/l	88
68) Styrene	6.805	104	295414	38.63	ug/l	92
69) m&p-Xylenes	6.552	106	398660	73.92	ug/l	92

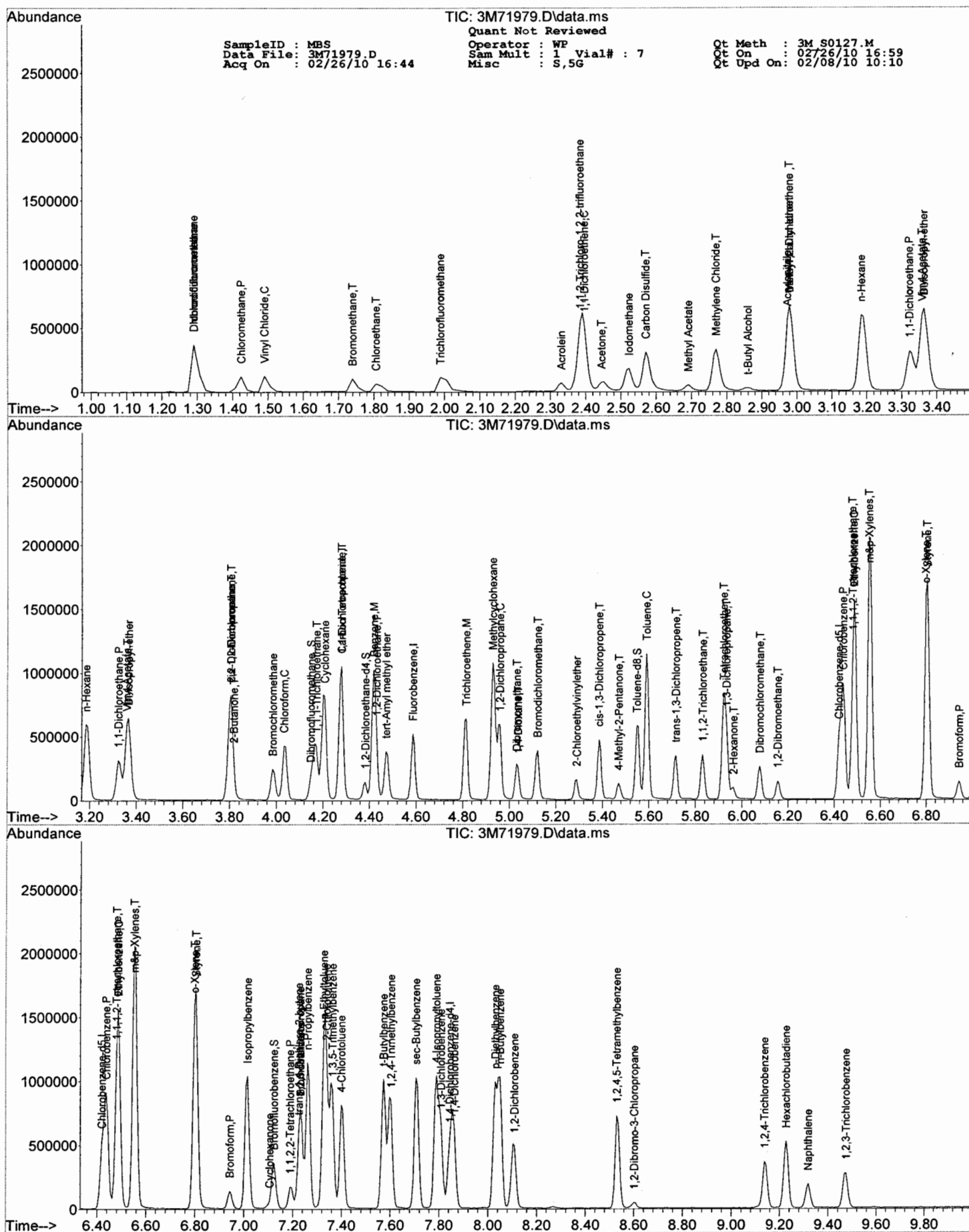
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M71979.D Sam Mult : 1 Vial# : 7 Qt On : 02/26/10 16:59
 Acq On : 02/26/10 16:44 Misc : S,5G Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.799	106	184379	46.24	ug/l	94
71) trans-1,4-Dichloro-2-b...	7.226	53	28142	44.03	ug/l	63
72) 1,3-Dichlorobenzene	7.809	146	214150	35.64	ug/l	98
73) 1,4-Dichlorobenzene	7.863	146	203402	33.60	ug/l	98
74) 1,2-Dichlorobenzene	8.110	146	172401	34.01	ug/l	99
75) Isopropylbenzene	7.015	105	499999	35.88	ug/l	99
76) Cyclohexanone	7.105	55	9387	187.57	ug/l	94
77) 1,2,3-Trichloropropane	7.232	75	87659	39.02	ug/l	86
78) 2-Chlorotoluene	7.340	91	285893	34.09	ug/l	97
79) p-Ethyltoluene	7.328	105	478156	32.88	ug/l	96
80) 4-Chlorotoluene	7.400	91	277718	37.06	ug/l	98
81) n-Propylbenzene	7.262	91	670458	37.87	ug/l	98
82) Bromobenzene	7.232	77	241029	39.43	ug/l	93
83) 1,3,5-Trimethylbenzene	7.364	105	379460	35.75	ug/l	54
84) t-Butylbenzene	7.574	119	388786	39.61	ug/l	98
85) 1,2,4-Trimethylbenzene	7.604	105	377552	35.77	ug/l	92
86) sec-Butylbenzene	7.707	105	559260	32.97	ug/l	95
87) 4-Isopropyltoluene	7.791	119	406217	39.20	ug/l	97
88) n-Butylbenzene	8.049	91	510656	37.46	ug/l	98
89) p-Diethylbenzene	8.031	119	233812	31.10	ug/l	97
90) 1,2,4,5-Tetramethylben...	8.531	119	315071	32.79	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.603	157	9696	31.73	ug/l	96
92) Hexachlorobutadiene	9.228	225	88634	31.69	ug/l	98
93) 1,2,4-Trichlorobenzene	9.138	180	100706	29.86	ug/l	99
94) 1,2,3-Trichlorobenzene	9.475	180	81697	28.61	ug/l	99
95) Naphthalene	9.318	128	116592	26.42	ug/l	100

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



SampleID : MBS Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M72004.D Sam Mult : 1 Vial# : 31 Qt On : 03/01/10 06:42
 Acq On : 02/26/10 23:37 Misc : S,5G Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
4) Fluorobenzene	4.586	96	282160	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.420	117	192841	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.839	152	95907	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.147	111	71497	29.02	ug/l	0.02
Spiked Amount 30.000			Recovery	=	96.73%	
35) 1,2-Dichloroethane-d4	4.376	102	9299	26.90	ug/l	0.02
Spiked Amount 30.000			Recovery	=	89.67%	
59) Toluene-d8	5.548	100	174121	30.25	ug/l	0.02
Spiked Amount 30.000			Recovery	=	100.83%	
67) Bromofluorobenzene	7.124	174	86018	31.00	ug/l	0.03
Spiked Amount 30.000			Recovery	=	103.33%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.291	51	241924	33.30	ug/l	1
6) Dichlorodifluoromethane	1.291	85	80879	13.82	ug/l	96
7) Chloromethane	1.424	50	120923	25.29	ug/l	95
8) Bromomethane	1.740	94	47657	27.67	ug/l	97
9) Vinyl Chloride	1.490	62	109109	31.71	ug/l	95
10) Chloroethane	1.806	64	53075	32.01	ug/l	98
11) Trichlorofluoromethane	1.989	101	110800	31.67	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.385	101	112218	34.61	ug/l	94
13) Methylene Chloride	2.764	84	91528	30.34	ug/l	76
14) Acrolein	2.325	56	39113	145.21	ug/l	95
15) Acrylonitrile	2.968	53	19625	34.23	ug/l	89
16) Iodomethane	2.517	142	162425	28.52	ug/l	69
17) Acetone	2.445	43	74492	166.72	ug/l	97
18) Carbon Disulfide	2.572	76	351650	32.00	ug/l	100
19) t-Butyl Alcohol	2.854	59	9655	152.71	ug/l	69
20) n-Hexane	3.185	57	218240	36.31	ug/l	86
21) Di-isopropyl-ether	3.359	45	420888	33.20	ug/l	78
22) 1,1-Dichloroethene	2.391	61	188529	25.44	ug/l	89
23) Methyl Acetate	2.686	43	48009	35.10	ug/l	100
24) Methyl-t-butyl ether	2.974	73	89659	27.13	ug/l	90
25) 1,1-Dichloroethane	3.323	63	246724	33.16	ug/l	92
26) trans-1,2-Dichloroethene	2.980	96	108511	32.20	ug/l	80
27) cis-1,2-Dichloroethene	3.798	61	215104	33.38	ug/l	88
28) Bromochloromethane	3.979	49	99527	33.67	ug/l	65
29) 2,2-Dichloropropane	3.798	77	118350	31.79	ug/l	93
30) 1,4-Dioxane	5.031	88	26616	2171.85	ug/l	83
31) 1,1-Dichloropropene	4.273	75	198334	33.76	ug/l	99
32) Chloroform	4.033	83	210298	36.07	ug/l	94
34) Cyclohexane	4.201	56	304798	38.02	ug/l	82
36) 1,2-Dichloroethane	4.424	62	124297	34.75	ug/l	100
37) 2-Butanone	3.810	43	34683	36.71	ug/l	75
38) 1,1,1-Trichloroethane	4.165	97	166901	34.78	ug/l	99
39) Carbon Tetrachloride	4.273	117	165647	36.85	ug/l	93
40) Vinyl Acetate	3.359	43	296517	30.07	ug/l	100
41) Bromodichloromethane	5.115	83	150972	33.88	ug/l	100
42) Methylcyclohexane	4.929	83	273642	39.43	ug/l	73
43) Dibromomethane	5.031	174	60137	32.32	ug/l	97
44) 1,2-Dichloropropane	4.953	63	142674	35.86	ug/l	93
45) Trichloroethene	4.809	130	146400	34.77	ug/l	93
46) Benzene	4.412	78	485368	40.37	ug/l	100
47) tert-Amyl methyl ether	4.472	73	90617	25.76	ug/l	64
49) Dibromochloromethane	6.077	129	92212	34.22	ug/l	93
50) 2-Chloroethylvinylether	5.284	63	40806	33.43	ug/l	87
51) cis-1,3-Dichloropropene	5.386	75	154755	32.25	ug/l	99
52) trans-1,3-Dichloropropene	5.711	75	108681	32.56	ug/l	100
53) 1,1,2-Trichloroethane	5.831	97	66807	35.34	ug/l	95
54) 1,2-Dibromoethane	6.156	107	68687	34.30	ug/l	94
55) 1,3-Dichloropropane	5.933	76	129771	37.16	ug/l	96
56) 4-Methyl-2-Pentanone	5.470	43	62617	35.35	ug/l	91
57) 2-Hexanone	5.957	43	41698	34.40	ug/l	90
58) Tetrachloroethene	5.921	164	132530	37.13	ug/l	89
60) Toluene	5.590	92	309441	42.07	ug/l	97
61) 1,1,1,2-Tetrachloroethane	6.480	133	102033	39.76	ug/l	87
62) Chlorobenzene	6.438	112	327549	37.60	ug/l	97
64) Bromoform	6.943	173	48745	31.28	ug/l	99
65) Ethylbenzene	6.486	106	165219	39.66	ug/l	91
66) 1,1,2,2-Tetrachloroethane	7.190	83	72612	34.23	ug/l	87
68) Styrene	6.805	104	327110	40.12	ug/l	87
69) m&p-Xylenes	6.552	106	454263	79.01	ug/l	96

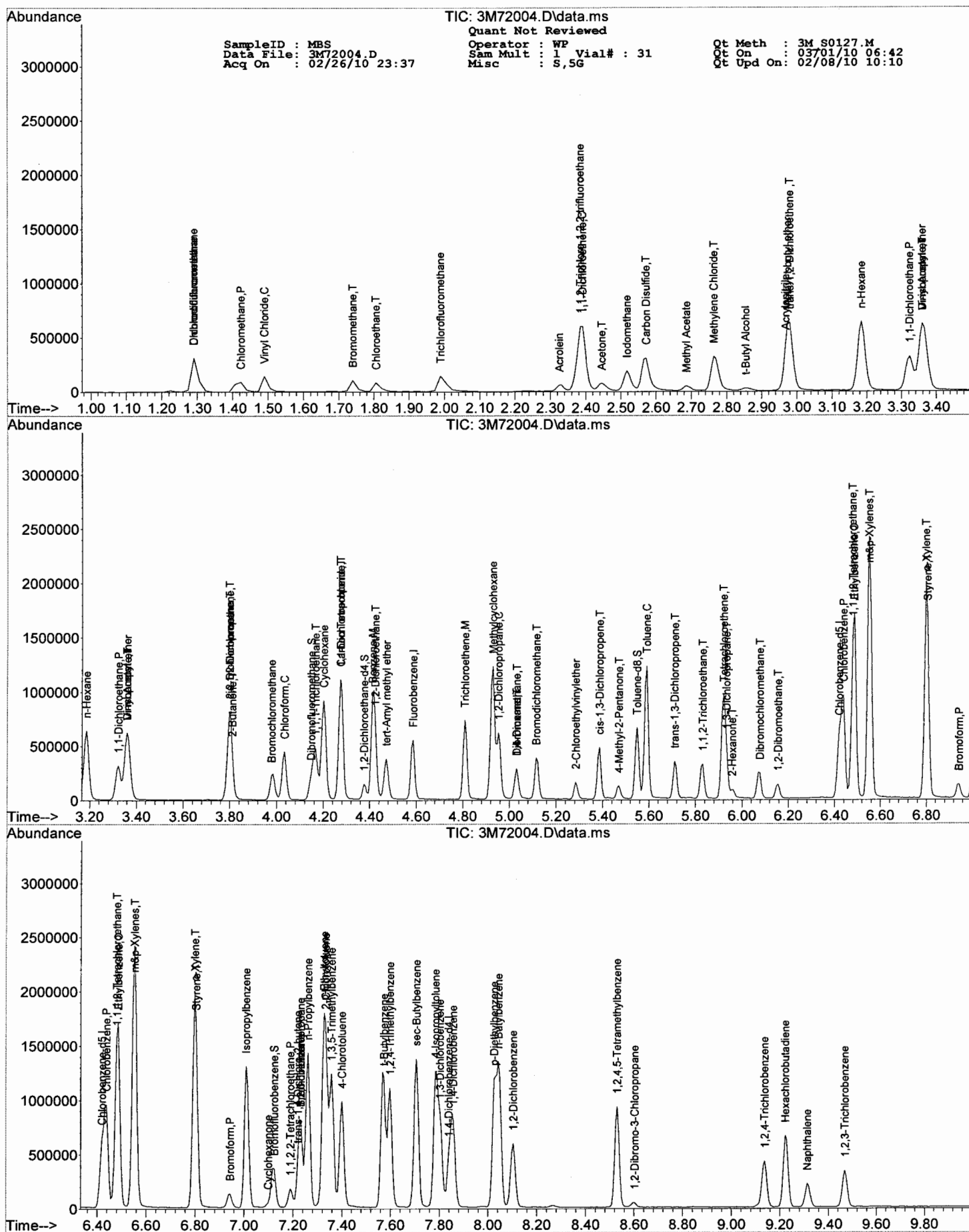
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 3M_S0127.M
 Data File: 3M72004.D Sam Mult : 1 Vial# : 31 Qt On : 03/01/10 06:42
 Acq On : 02/26/10 23:37 Misc : S,5G Qt Upd On: 02/08/10 10:10

Data Path : G:\GcMsData\2010\GCMS_3\Data\02-26-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_3\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) o-Xylene	6.799	106	209041	49.18	ug/l	92
71) trans-1,4-Dichloro-2-b...	7.220	53	24346	35.73	ug/l	78
72) 1,3-Dichlorobenzene	7.803	146	247507	38.64	ug/l	97
73) 1,4-Dichlorobenzene	7.857	146	229639	35.58	ug/l	99
74) 1,2-Dichlorobenzene	8.104	146	196195	36.31	ug/l	98
75) Isopropylbenzene	7.009	105	622038	41.87	ug/l	98
76) Cyclohexanone	7.100	55	9768	183.08	ug/l	91
77) 1,2,3-Trichloropropane	7.232	75	85277	35.61	ug/l	87
78) 2-Chlorotoluene	7.334	91	351766	39.34	ug/l	99
79) p-Ethyltoluene	7.328	105	571303	36.85	ug/l	96
80) 4-Chlorotoluene	7.400	91	332045	41.56	ug/l	98
81) n-Propylbenzene	7.262	91	830524	44.01	ug/l	98
82) Bromobenzene	7.232	77	258143	39.61	ug/l	93
83) 1,3,5-Trimethylbenzene	7.358	105	493743	43.63	ug/l	52
84) t-Butylbenzene	7.575	119	489222	46.75	ug/l	98
85) 1,2,4-Trimethylbenzene	7.599	105	462584	41.11	ug/l	91
86) sec-Butylbenzene	7.707	105	721856	41.28	ug/l	94
87) 4-Isopropyltoluene	7.785	119	511987	46.35	ug/l	97
88) n-Butylbenzene	8.044	91	649018	44.66	ug/l	98
89) p-Diethylbenzene	8.026	119	295157	36.82	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.531	119	400922	39.13	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	8.603	157	9801	30.09	ug/l	97
92) Hexachlorobutadiene	9.222	225	114250	38.32	ug/l	100
93) 1,2,4-Trichlorobenzene	9.138	180	118105	32.85	ug/l	99
94) 1,2,3-Trichlorobenzene	9.469	180	94862	31.16	ug/l	99
95) Naphthalene	9.312	128	142419	30.27	ug/l	100

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



SampleID : MBS Operator : WP Qt Meth : 1M S0223.M
 Data File: 1M54653.D Sam Mult : 1 Vial# : 10 Qt On : 03/01/10 12:26
 Acq On : 03/ 1/10 12:12 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 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	164123	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.448	117	129222	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.867	152	73061	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.171	111	42930	29.05	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.83%		
35) 1,2-Dichloroethane-d4	4.398	102	8023	29.95	ug/l	0.00
Spiked Amount 30.000			Recovery =	99.83%		
59) Toluene-d8	5.581	100	113370	29.23	ug/l	0.00
Spiked Amount 30.000			Recovery =	97.43%		
67) Bromofluorobenzene	7.148	174	62543	28.87	ug/l	0.00
Spiked Amount 30.000			Recovery =	96.23%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.377	51	132522	40.46	ug/l	1
6) Dichlorodifluoromethane	1.377	85	66944	34.97	ug/l	92
7) Chloromethane	1.512	50	79368	34.90	ug/l	98
8) Bromomethane	1.830	94	39105	44.45	ug/l	99
9) Vinyl Chloride	1.595	62	60302	39.10	ug/l	99
10) Chloroethane	1.897	64	39844	44.80	ug/l	90
11) Trichlorofluoromethane	2.098	101	163949	49.12	ug/l	96
12) 1,1,2-Trichloro-1,2,2-...	2.476	101	85022	49.48	ug/l	96
13) Methylene Chloride	2.821	84	83119	42.31	ug/l	93
14) Acrolein	2.387	56	40299	211.14	ug/l	91
15) Acrylonitrile	2.999	53	20328	47.10	ug/l	92
16) Iodomethane	2.594	142	125128	44.90	ug/l	71
17) Acetone	2.496	43	81043	251.12	ug/l	94
18) Carbon Disulfide	2.654	76	247720	47.83	ug/l	100
19) t-Butyl Alcohol	2.890	59	10663	226.24	ug/l	67
20) n-Hexane	3.265	57	146370	51.86	ug/l	89
21) Di-isopropyl-ether	3.422	45	339542	48.72	ug/l	87
22) 1,1-Dichloroethene	2.476	61	145839	37.88	ug/l	94
23) Methyl Acetate	2.742	43	45863	46.05	ug/l	100
24) Methyl-t-butyl ether	3.048	73	119205	45.80	ug/l	69
25) 1,1-Dichloroethane	3.373	63	193996	47.03	ug/l	99
26) trans-1,2-Dichloroethene	3.048	96	89497	47.47	ug/l	85
27) cis-1,2-Dichloroethene	3.836	61	183415	46.80	ug/l	92
28) Bromochloromethane	4.004	49	82792	43.78	ug/l	66
29) 2,2-Dichloropropane	3.846	77	131337	51.76	ug/l	92
30) 1,4-Dioxane	5.049	88	24595	2520.00	ug/l	69
31) 1,1-Dichloropropene	4.309	75	152937	46.18	ug/l	97
32) Chloroform	4.063	83	181415	50.34	ug/l	99
34) Cyclohexane	4.260	56	209899	50.17	ug/l	88
36) 1,2-Dichloroethane	4.447	62	134738	46.68	ug/l	96
37) 2-Butanone	3.836	43	28054	47.88	ug/l	92
38) 1,1,1-Trichloroethane	4.201	97	149211	49.97	ug/l	97
39) Carbon Tetrachloride	4.319	117	134580	50.57	ug/l	91
40) Vinyl Acetate	3.422	43	275461	45.35	ug/l	100
41) Bromodichloromethane	5.137	83	140146	48.25	ug/l	97
42) Methylcyclohexane	4.980	83	185327	50.23	ug/l	82
43) Dibromomethane	5.049	174	61037	47.81	ug/l	95
44) 1,2-Dichloropropane	4.980	63	105572	48.16	ug/l	89
45) Trichloroethene	4.842	130	107994	48.26	ug/l	94
46) Benzene	4.447	78	367872	57.45	ug/l	100
47) tert-Amyl methyl ether	4.506	73	114078	46.50	ug/l	83
49) Dibromochloromethane	6.093	129	88391	46.81	ug/l	100
50) 2-Chloroethylvinylether	5.305	63	40729	45.93	ug/l	94
51) cis-1,3-Dichloropropene	5.403	75	145907	46.44	ug/l	95
52) trans-1,3-Dichloropropene	5.729	75	120699	47.76	ug/l	98
53) 1,1,2-Trichloroethane	5.847	97	66476	48.07	ug/l	96
54) 1,2-Dibromoethane	6.172	107	69354	48.43	ug/l	94
55) 1,3-Dichloropropane	5.945	76	125140	46.06	ug/l	96
56) 4-Methyl-2-Pentanone	5.482	43	60533	45.13	ug/l	99
57) 2-Hexanone	5.975	43	39711	43.90	ug/l	98
58) Tetrachloroethene	5.955	164	104318	44.08	ug/l	98
60) Toluene	5.620	92	247102	54.60	ug/l	99
61) 1,1,1,2-Tetrachloroethane	6.507	133	94057	49.34	ug/l	98
62) Chlorobenzene	6.468	112	270818	46.35	ug/l	98
64) Bromoform	6.961	173	55191	43.65	ug/l	93
65) Ethylbenzene	6.517	106	113776	47.08	ug/l	91
66) 1,1,2,2-Tetrachloroethane	7.207	83	66476	42.81	ug/l	90
68) Styrene	6.832	104	274706	48.90	ug/l	95
69) m&p-Xylenes	6.586	106	340872	93.02	ug/l	94

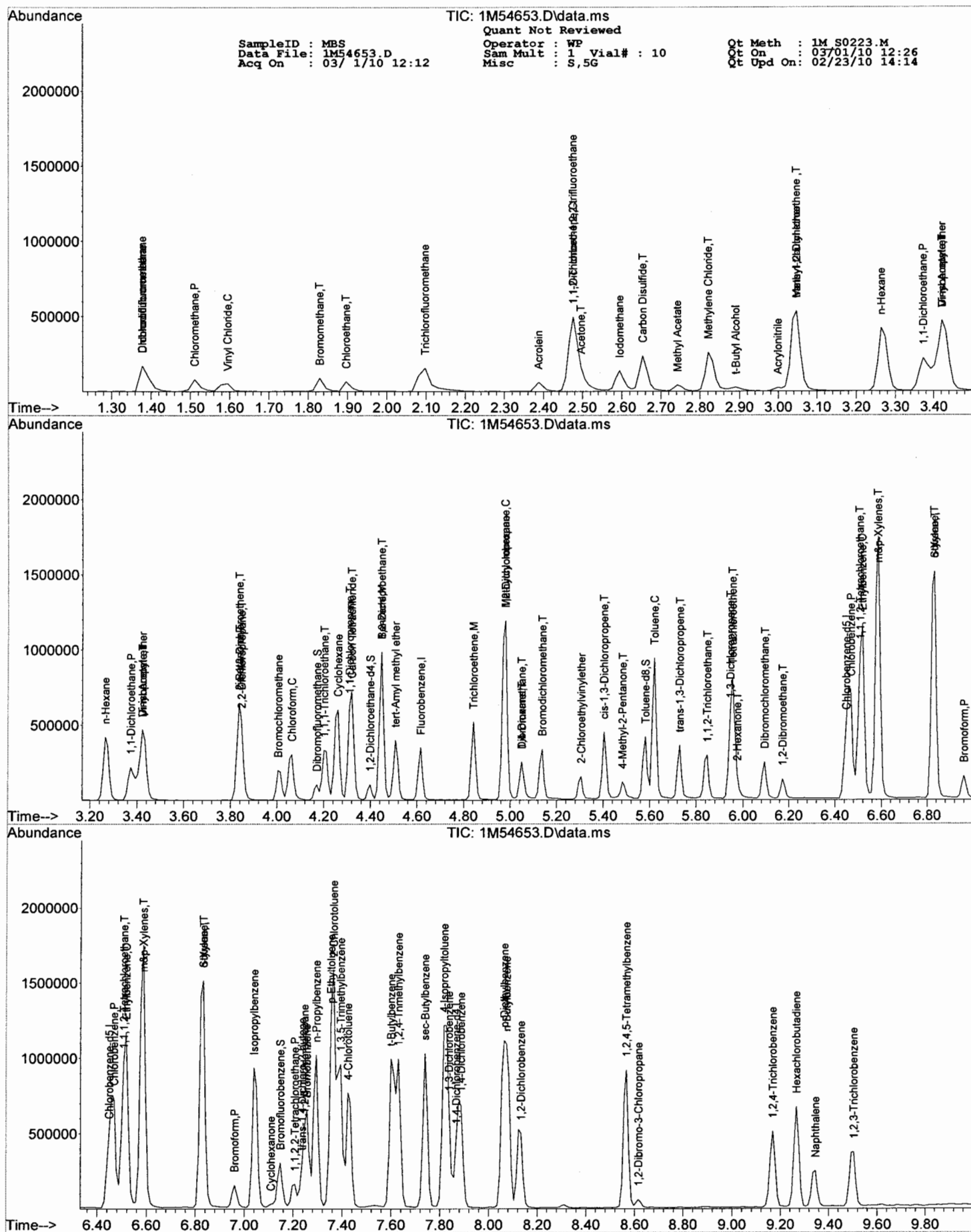
Quantitation Report (Not Reviewed)

SampleID : MBS Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54653.D Sam Mult : 1 Vial# : 10 Qt On : 03/01/10 12:26
 Acq On : 03/ 1/10 12:12 Misc : S,5G Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\03-01-10\
 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	169824	48.95	ug/l	89
71) trans-1,4-Dichloro-2-b...	7.237	53	29450	47.51	ug/l	70
72) 1,3-Dichlorobenzene	7.838	146	213809	45.35	ug/l	92
73) 1,4-Dichlorobenzene	7.887	146	210386	45.77	ug/l	94
74) 1,2-Dichlorobenzene	8.133	146	185850	46.12	ug/l	93
75) Isopropylbenzene	7.039	105	463931	49.19	ug/l	98
76) Cyclohexanone	7.108	55	10408	225.41	ug/l	93
77) 1,2,3-Trichloropropane	7.246	75	96071	46.49	ug/l	91
78) 2-Chlorotoluene	7.365	91	294075	51.87	ug/l	96
79) p-Ethyltoluene	7.355	105	466991	42.84	ug/l	93
80) 4-Chlorotoluene	7.424	91	258818	44.14	ug/l	96
81) n-Propylbenzene	7.296	91	582753	49.37	ug/l	97
82) Bromobenzene	7.256	77	277706	49.04	ug/l	85
83) 1,3,5-Trimethylbenzene	7.394	105	394087	47.33	ug/l	44
84) t-Butylbenzene	7.601	119	397465	51.23	ug/l	89
85) 1,2,4-Trimethylbenzene	7.631	105	414315	50.90	ug/l	96
86) sec-Butylbenzene	7.739	105	517241	50.96	ug/l	98
87) 4-Isopropyltoluene	7.818	119	414870	48.83	ug/l	94
88) n-Butylbenzene	8.074	91	517741	49.51	ug/l	99
89) p-Diethylbenzene	8.064	119	256015	47.49	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.567	119	409719	51.51	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.616	157	12938	41.88	ug/l	93
92) Hexachlorobutadiene	9.267	225	135240	46.39	ug/l	98
93) 1,2,4-Trichlorobenzene	9.168	180	141128	44.42	ug/l	97
94) 1,2,3-Trichlorobenzene	9.503	180	117837	40.30	ug/l	96
95) Naphthalene	9.346	128	170643	42.22	ug/l	100

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



FORM 3

Spike Recovery

Batch Number: MBS15113

Mbs File: 1M54542.D

Mbs Date: 02/25/10 16:55

Mbs Name: MBS15113

Non Spk'd File: 1M54514.D

Non Spk'd Date: 02/25/10 09:15

Ns Name: AC49985-002

Spike File: 1M54563.D

Spike Date: 02/25/10 22:34

Ms Name: AC49985-002(MS)

Spike Dup File: 1M54564.D

Spike Dup Date: 02/25/10 22:50

Msd Name: AC49985-002(MSD)

Matrix: Soil

Method: EPA 8260B

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	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	40.39	0.00	40.91	45.61	81	82	91	11
1,1-Dichloroethene	22	1	0	50	8	114	53	29.43	0.00	34.83	36.62	59	70	73	5
1,1-Dichloroethane	25	1	0	50	14	127	44	34.53	0.00	42.76	45.34	69	86	91	5.9
Chloroform	32	1	0	50	26	119	39	37.02	0.00	47.86	50.74	74	96	101	5.8
1,2-Dichloroethane	36	1	0	50	18	130	37	35.93	0.00	43.56	45.95	72	87	92	5.3
2-Butanone	37	1	0	50	4	141	59	35.37	0.00	42.16	48.67	71	84	97	14
Carbon Tetrachloride	39	1	0	50	19	122	40	37.97	0.00	47.88	48.81	76	96	98	1.9
Trichloroethene	45	1	0	50	21	116	39	36.13	0.00	45.23	47.35	72	90	95	4.6
Benzene	46	1	0	50	21	122	38	43.45	0.00	53.20	56.28	87	106	113	5.6
Tetrachloroethene	58	1	0	50	18	116	37	33.14	0.00	46.15	42.72	66	92	85	7.7
Toluene	60	1	0	50	19	128	35	40.86	0.00	53.33	53.18	82	107	106	0.28
Chlorobenzene	62	1	0	50	21	117	37	34.08	0.00	44.79	45.18	68	90	90	0.87
1,4-Dichlorobenzene	73	1	0	50	20	110	41	32.89	0.00	41.18	41.26	66	82	83	0.19
1,2-Dichlorobenzene	74	1	0	50	19	113	42	33.70	0.00	42.23	42.15	67	84	84	0.19
n-Propylbenzene	81	1	0	50	16	122	42	34.79	0.00	45.56	44.48	70	91	89	2.4
sec-Butylbenzene	86	1	0	50	9	125	48	35.32	0.00	46.80	45.15	71	94	90	3.6

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 : MBS Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54542.D Sam Mult : 1 Vial# : 7 Qt On : 02/25/10 17:09
 Acq On : 02/25/10 16:55 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	4.625	96	157869	30.00	ug/l	0.01
48) Chlorobenzene-d5	6.468	117	121125	30.00	ug/l	0.02
63) 1,4-Dichlorobenzene-d4	7.887	152	70240	30.00	ug/l	0.02
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	42288	29.75	ug/l	0.01
Spiked Amount 30.000			Recovery =	99.17%		
35) 1,2-Dichloroethane-d4	4.418	102	7912	30.70	ug/l	0.02
Spiked Amount 30.000			Recovery =	102.33%		
59) Toluene-d8	5.591	100	106775	29.37	ug/l	0.01
Spiked Amount 30.000			Recovery =	97.90%		
67) Bromofluorobenzene	7.167	174	60695	29.14	ug/l	0.02
Spiked Amount 30.000			Recovery =	97.13%		
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.397	51	138551	43.98	ug/l	1
6) Dichlorodifluoromethane	1.397	85	49984	27.14	ug/l	99
7) Chloromethane	1.515	50	77756	35.55	ug/l	99
8) Bromomethane	1.850	94	26976	31.88	ug/l	95
9) Vinyl Chloride	1.598	62	59926	40.39	ug/l	99
10) Chloroethane	1.917	64	32095	37.52	ug/l	98
11) Trichlorofluoromethane	2.101	101	132003	41.11	ug/l	97
12) 1,1,2-Trichloro-1,2,2-...	2.496	101	66054	39.97	ug/l	95
13) Methylene Chloride	2.841	84	63321	33.51	ug/l	98
14) Acrolein	2.407	56	30194	164.46	ug/l	97
15) Acrylonitrile	3.018	53	13817	33.29	ug/l	97
16) Iodomethane	2.614	142	92010	34.33	ug/l	67
17) Acetone	2.516	43	61214	186.44	ug/l	98
18) Carbon Disulfide	2.673	76	184628	37.06	ug/l	100
19) t-Butyl Alcohol	2.910	59	8594	189.57	ug/l	80
20) n-Hexane	3.284	57	109053	40.17	ug/l	88
21) Di-isopropyl-ether	3.442	45	233757	34.87	ug/l	89
22) 1,1-Dichloroethene	2.496	61	108996	29.43	ug/l	93
23) Methyl Acetate	2.762	43	32260	33.67	ug/l	100
24) Methyl-t-butyl ether	3.058	73	83474	33.34	ug/l	67
25) 1,1-Dichloroethane	3.393	63	136997	34.53	ug/l	99
26) trans-1,2-Dichloroethene	3.067	96	65318	36.02	ug/l	80
27) cis-1,2-Dichloroethene	3.856	61	135591	35.97	ug/l	92
28) Bromochloromethane	4.024	49	60335	33.17	ug/l	74
29) 2,2-Dichloropropane	3.866	77	95984	39.32	ug/l	92
30) 1,4-Dioxane	5.068	88	20603	2194.60	ug/l	71
31) 1,1-Dichloropropene	4.329	75	109831	34.48	ug/l	98
32) Chloroform	4.073	83	128336	37.02	ug/l	97
34) Cyclohexane	4.270	56	148023	36.78	ug/l	89
36) 1,2-Dichloroethane	4.457	62	99747	35.93	ug/l	100
37) 2-Butanone	3.856	43	19932	35.37	ug/l	93
38) 1,1,1-Trichloroethane	4.221	97	107195	37.32	ug/l	95
39) Carbon Tetrachloride	4.339	117	97193	37.97	ug/l	91
40) Vinyl Acetate	3.442	43	194507	33.29	ug/l	100
41) Bromodichloromethane	5.147	83	100095	35.82	ug/l	98
42) Methylcyclohexane	4.989	83	132307	37.28	ug/l	81
43) Dibromomethane	5.068	174	42562	34.66	ug/l	90
44) 1,2-Dichloropropane	4.989	63	74038	35.12	ug/l	92
45) Trichloroethene	4.861	130	77771	36.13	ug/l	93
46) Benzene	4.467	78	267593	43.45	ug/l	100
47) tert-Amyl methyl ether	4.526	73	78779	33.38	ug/l	84
49) Dibromochloromethane	6.113	129	64228	36.28	ug/l	96
50) 2-Chloroethylvinylether	5.315	63	26119	31.42	ug/l	86
51) cis-1,3-Dichloropropene	5.423	75	97794	33.21	ug/l	99
52) trans-1,3-Dichloropropene	5.748	75	83590	35.29	ug/l	97
53) 1,1,2-Trichloroethane	5.857	97	46465	35.85	ug/l	95
54) 1,2-Dibromoethane	6.192	107	46762	34.84	ug/l	95
55) 1,3-Dichloropropane	5.965	76	89347	35.09	ug/l	98
56) 4-Methyl-2-Pentanone	5.502	43	40174	31.95	ug/l	100
57) 2-Hexanone	5.995	43	25713	30.33	ug/l	96
58) Tetrachloroethene	5.975	164	73516	33.14	ug/l	99
60) Toluene	5.640	92	173315	40.86	ug/l	95
61) 1,1,1,2-Tetrachloroethane	6.517	133	67671	37.87	ug/l	99
62) Chlorobenzene	6.478	112	186610	34.08	ug/l	97
64) Bromoform	6.980	173	40116	33.00	ug/l	99
65) Ethylbenzene	6.537	106	80000	34.44	ug/l	99
66) 1,1,2,2-Tetrachloroethane	7.217	83	48742	32.65	ug/l	89
68) Styrene	6.852	104	183799	34.03	ug/l	95
69) m&p-Xylenes	6.596	106	237829	67.51	ug/l	88

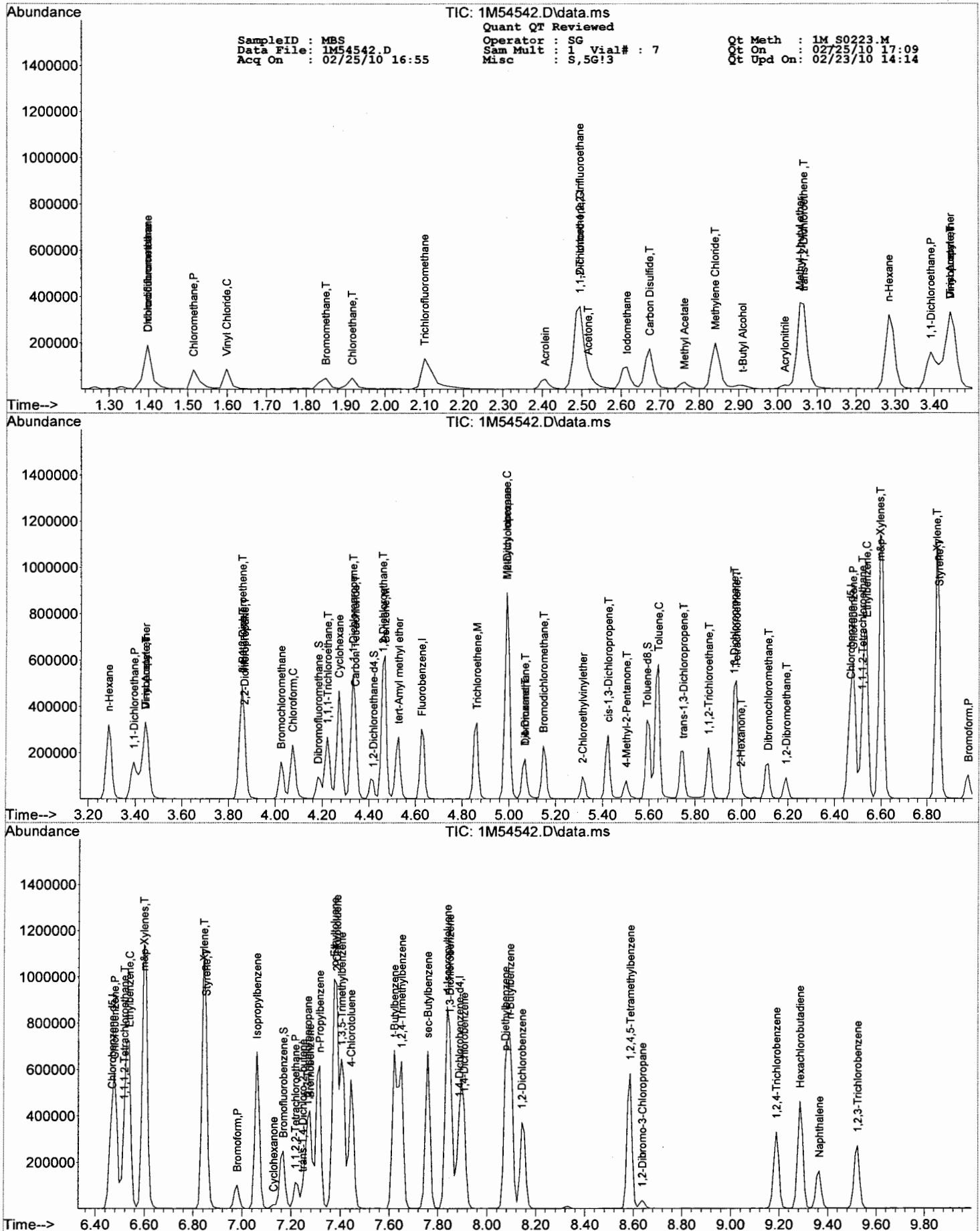
Quantitation Report (QT Reviewed)

SampleID : MBS Operator : SG Qt Meth : 1M S0223.M
 Data File: 1M54542.D Sam Mult : 1 Vial# : 7 Qt On : 02/25/10 17:09
 Acq On : 02/25/10 16:55 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	6.842	106	116026	34.79	ug/l	81
71) trans-1,4-Dichloro-2-b...	7.246	53	19560	32.82	ug/l	76
72) 1,3-Dichlorobenzene	7.848	146	152480	33.64	ug/l	93
73) 1,4-Dichlorobenzene	7.907	146	145355	32.89	ug/l	94
74) 1,2-Dichlorobenzene	8.143	146	130544	33.70	ug/l	95
75) Isopropylbenzene	7.059	105	306155	33.77	ug/l	98
76) Cyclohexanone	7.128	55	7287	164.16	ug/l	96
77) 1,2,3-Trichloropropane	7.266	75	66733	33.59	ug/l	92
78) 2-Chlorotoluene	7.384	91	199616	36.04	ug/l	98
79) p-Ethyltoluene	7.374	105	330863	31.57	ug/l	96
80) 4-Chlorotoluene	7.443	91	191936	34.05	ug/l	95
81) n-Propylbenzene	7.315	91	394829	34.79	ug/l	97
82) Bromobenzene	7.276	77	187536	34.45	ug/l	86
83) 1,3,5-Trimethylbenzene	7.404	105	254041	31.74	ug/l	38
84) t-Butylbenzene	7.621	119	262042	35.13	ug/l	91
85) 1,2,4-Trimethylbenzene	7.650	105	279501	35.71	ug/l	95
86) sec-Butylbenzene	7.759	105	344650	35.32	ug/l	99
87) 4-Isopropyltoluene	7.838	119	279501	34.22	ug/l	94
88) n-Butylbenzene	8.094	91	344747	34.29	ug/l	98
89) p-Diethylbenzene	8.074	119	169335	32.67	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.587	119	264920	34.65	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.636	157	8860	29.83	ug/l	80
92) Hexachlorobutadiene	9.286	225	94612	33.76	ug/l	97
93) 1,2,4-Trichlorobenzene	9.188	180	94095	30.81	ug/l	97
94) 1,2,3-Trichlorobenzene	9.523	180	83326	29.64	ug/l	97
95) Naphthalene	9.365	128	111636	28.73	ug/l	100

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



Quantitation Report (QT Reviewed)

SampleID : AC49985-002 Operator : WP Qt Meth : 1M_S0223.M
 Data File: 1M54514.D Sam Mult : 1 Vial# : 39 Qt On : 02/25/10 09:35
 Acq On : 02/25/10 09:15 Misc : S,5G!3 Qt Upd On: 02/23/10 14:14

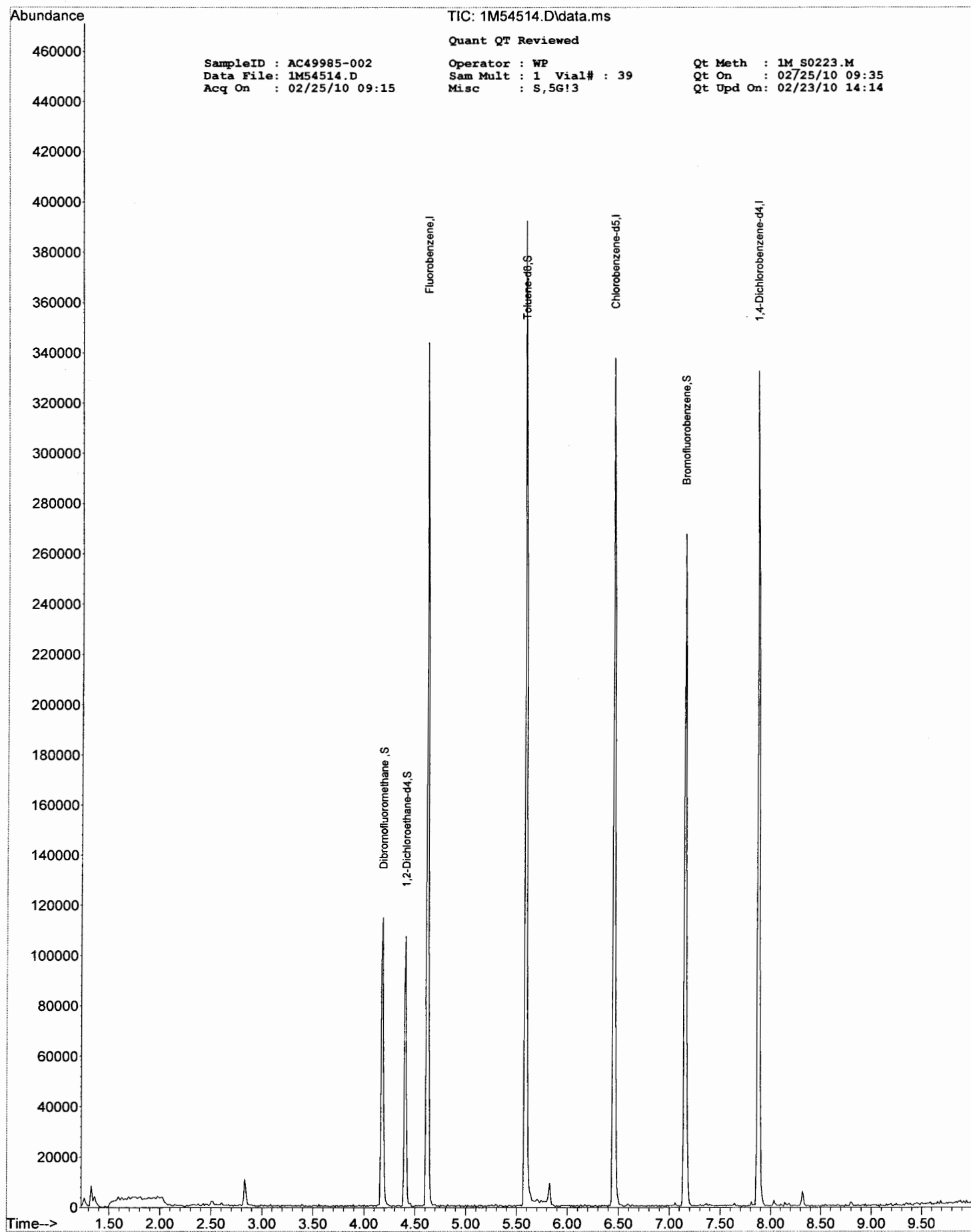
Data Path : G:\GcMsData\2010\GCMS_1\Data\02-25-10\
 Qt Path : G:\GcMsData\2010\GCMS_1\MethodQt\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
4) Fluorobenzene	4.625	96	165210	30.00	ug/l	0.00
48) Chlorobenzene-d5	6.458	117	130543	30.00	ug/l	0.00
63) 1,4-Dichlorobenzene-d4	7.877	152	70383	30.00	ug/l	0.00
System Monitoring Compounds						
33) Dibromofluoromethane	4.181	111	49771	33.45	ug/l	0.00
Spiked Amount 30.000			Recovery	=	111.50%	
35) 1,2-Dichloroethane-d4	4.408	102	9105	33.76	ug/l	0.00
Spiked Amount 30.000			Recovery	=	112.53%	
59) Toluene-d8	5.590	100	109628	27.98	ug/l	0.00
Spiked Amount 30.000			Recovery	=	93.27%	
67) Bromofluorobenzene	7.158	174	58640	28.10	ug/l	0.00
Spiked Amount 30.000			Recovery	=	93.67%	
Target Compounds						
						Qvalue

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

16



Quantitation Report (QT Reviewed)

SampleID : AC49985-002(MS) Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54563.D Sam Mult : 1 Vial# : 28 Qt On : 02/26/10 05:49
 Acq On : 02/25/10 22:34 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	4.635	96	172379	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.478	117	126999	30.00	ug/l	0.03
63) 1,4-Dichlorobenzene-d4	7.897	152	76227	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.191	111	46334	29.85	ug/l	0.02
Spiked Amount 30.000			Recovery	=	99.50%	
35) 1,2-Dichloroethane-d4	4.418	102	8476	30.12	ug/l	0.02
Spiked Amount 30.000			Recovery	=	100.40%	
59) Toluene-d8	5.601	100	115979	30.42	ug/l	0.02
Spiked Amount 30.000			Recovery	=	101.40%	
67) Bromofluorobenzene	7.178	174	66345	29.35	ug/l	0.03
Spiked Amount 30.000			Recovery	=	97.83%	
Target Compounds						
					Qvalue	
5) Chlorodifluoromethane	1.393	51	154055	44.78	ug/l	1
6) Dichlorodifluoromethane	1.393	85	84381	41.96	ug/l	94
7) Chloromethane	1.527	50	85825	35.93	ug/l	100
8) Bromomethane	1.845	94	40277	43.59	ug/l	98
9) Vinyl Chloride	1.611	62	66278	40.91	ug/l	100
10) Chloroethane	1.912	64	43088	46.13	ug/l	99
11) Trichlorofluoromethane	2.113	101	152337	43.45	ug/l	98
12) 1,1,2-Trichloro-1,2,2-...	2.496	101	85792	47.54	ug/l	96
13) Methylene Chloride	2.851	84	84861	41.13	ug/l	97
14) Acrolein	2.407	56	32960	164.42	ug/l	98
15) Acrylonitrile	3.028	53	18710	41.28	ug/l	98
16) Iodomethane	2.614	142	125166	42.77	ug/l	73
17) Acetone	2.526	43	75799	218.14	ug/l	90
18) Carbon Disulfide	2.683	76	253829	46.66	ug/l	100
19) t-Butyl Alcohol	2.920	59	10750	217.16	ug/l	76
20) n-Hexane	3.294	57	141450	47.72	ug/l	89
21) Di-isopropyl-ether	3.452	45	315278	43.07	ug/l	88
22) 1,1-Dichloroethene	2.496	61	140839	34.83	ug/l	91
23) Methyl Acetate	2.772	43	46175	44.14	ug/l	100
24) Methyl-t-butyl ether	3.068	73	115049	42.09	ug/l	71
25) 1,1-Dichloroethane	3.403	63	185238	42.76	ug/l	100
26) trans-1,2-Dichloroethene	3.068	96	85842	43.35	ug/l	89
27) cis-1,2-Dichloroethene	3.866	61	176502	42.88	ug/l	96
28) Bromochloromethane	4.034	49	78797	39.67	ug/l	81
29) 2,2-Dichloropropane	3.866	77	112953	42.38	ug/l	93
30) 1,4-Dioxane	5.078	88	24919	2430.91	ug/l	66
31) 1,1-Dichloropropene	4.339	75	146581	42.14	ug/l	95
32) Chloroform	4.083	83	181132	47.86	ug/l	97
34) Cyclohexane	4.280	56	198036	45.06	ug/l	90
36) 1,2-Dichloroethane	4.467	62	132050	43.56	ug/l	100
37) 2-Butanone	3.866	43	25946	42.16	ug/l	99
38) 1,1,1-Trichloroethane	4.231	97	145625	46.43	ug/l	94
39) Carbon Tetrachloride	4.349	117	133816	47.88	ug/l	92
40) Vinyl Acetate	3.452	43	208043	32.61	ug/l	100
41) Bromodichloromethane	5.157	83	136924	44.88	ug/l	95
42) Methylcyclohexane	4.999	83	183761	47.42	ug/l	79
43) Dibromomethane	5.078	174	58865	43.90	ug/l	96
44) 1,2-Dichloropropane	4.999	63	101435	44.06	ug/l	90
45) Trichloroethene	4.871	130	106305	45.23	ug/l	95
46) Benzene	4.477	78	357785	53.20	ug/l	100
47) tert-Amyl methyl ether	4.536	73	104789	40.67	ug/l	84
49) Dibromochloromethane	6.123	129	90220	48.61	ug/l	99
50) 2-Chloroethylvinylether	5.325	63	35811	41.09	ug/l	90
51) cis-1,3-Dichloropropene	5.433	75	134223	43.47	ug/l	96
52) trans-1,3-Dichloropropene	5.748	75	110050	44.31	ug/l	100
53) 1,1,2-Trichloroethane	5.867	97	61936	45.57	ug/l	93
54) 1,2-Dibromoethane	6.202	107	61616	43.78	ug/l	93
55) 1,3-Dichloropropane	5.975	76	118667	44.45	ug/l	98
56) 4-Methyl-2-Pentanone	5.512	43	53959	40.93	ug/l	100
57) 2-Hexanone	6.005	43	34795	39.14	ug/l	99
58) Tetrachloroethene	5.985	164	107340	46.15	ug/l	99
60) Toluene	5.650	92	237215	53.33	ug/l	98
61) 1,1,1,2-Tetrachloroethane	6.527	133	90662	48.39	ug/l	93
62) Chlorobenzene	6.488	112	257179	44.79	ug/l	99
64) Bromoform	6.990	173	54305	41.16	ug/l	98
65) Ethylbenzene	6.547	106	107136	42.50	ug/l	95
66) 1,1,2,2-Tetrachloroethane	7.227	83	61957	38.24	ug/l	88
68) Styrene	6.862	104	258970	44.18	ug/l	97
69) m&p-Xylenes	6.616	106	335185	87.67	ug/l	99

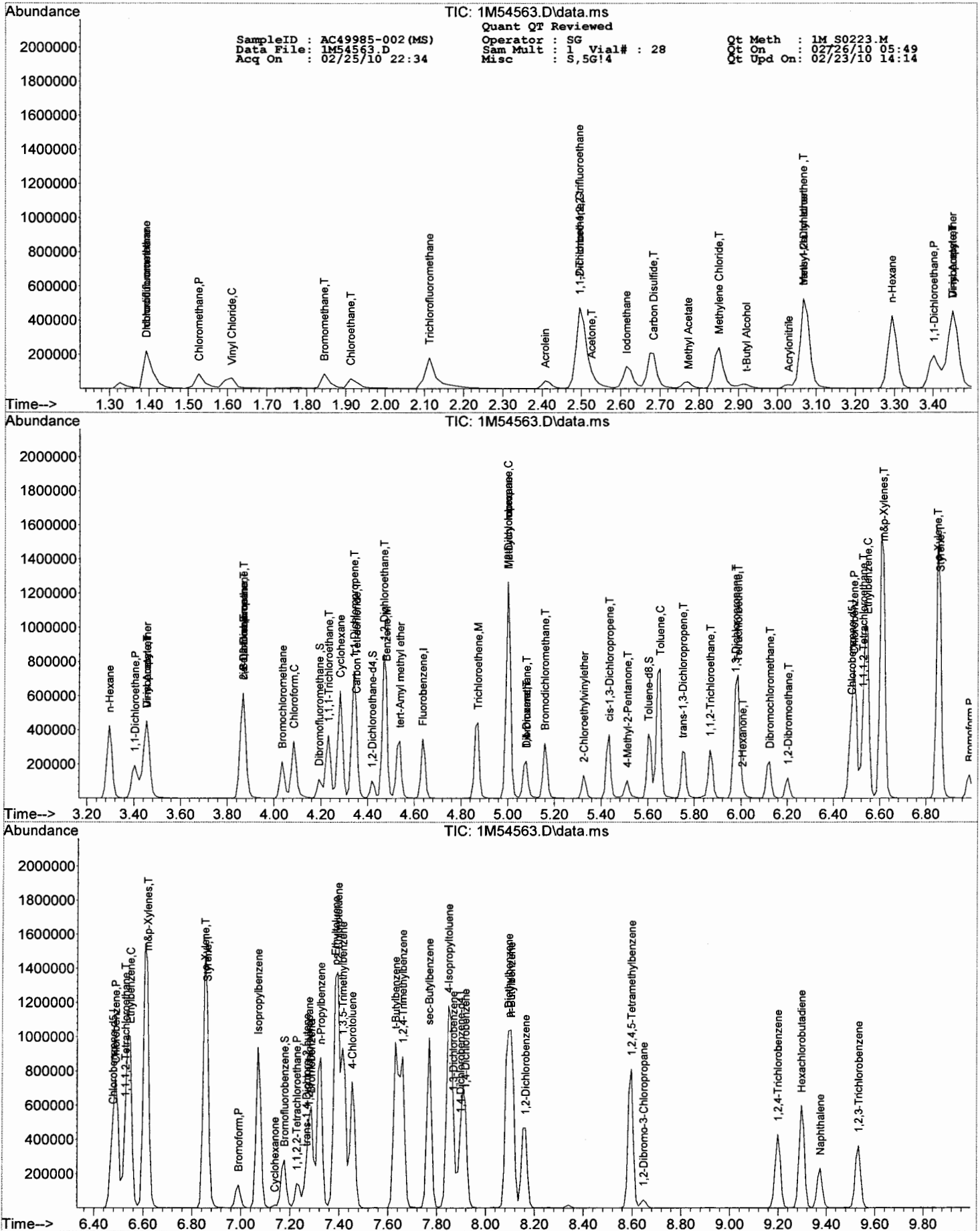
Quantitation Report (QT Reviewed)

SampleID : AC49985-002(MS) Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54563.D Sam Mult : 1 Vial# : 28 Qt On : 02/26/10 05:49
 Acq On : 02/25/10 22:34 Misc : S,5G!4 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	6.852	106	163173	45.08	ug/l	84
71) trans-1,4-Dichloro-2-b...	7.266	53	24293	37.56	ug/l	80
72) 1,3-Dichlorobenzene	7.867	146	207928	42.27	ug/l	93
73) 1,4-Dichlorobenzene	7.917	146	197485	41.18	ug/l	94
74) 1,2-Dichlorobenzene	8.163	146	177576	42.23	ug/l	93
75) Isopropylbenzene	7.069	105	444903	45.21	ug/l	98
76) Cyclohexanone	7.138	55	7887	163.72	ug/l	87
77) 1,2,3-Trichloropropane	7.276	75	85542	39.67	ug/l	94
78) 2-Chlorotoluene	7.394	91	280742	47.24	ug/l	97
79) p-Ethyltoluene	7.385	105	470675	41.38	ug/l	94
80) 4-Chlorotoluene	7.453	91	253508	41.44	ug/l	95
81) n-Propylbenzene	7.325	91	561092	45.56	ug/l	97
82) Bromobenzene	7.286	77	257175	43.53	ug/l	87
83) 1,3,5-Trimethylbenzene	7.414	105	352938	40.63	ug/l	35
84) t-Butylbenzene	7.631	119	373638	46.15	ug/l	90
85) 1,2,4-Trimethylbenzene	7.660	105	398612	46.93	ug/l	96
86) sec-Butylbenzene	7.769	105	495604	46.80	ug/l	99
87) 4-Isopropyltoluene	7.848	119	397768	44.87	ug/l	95
88) n-Butylbenzene	8.104	91	482693	44.24	ug/l	99
89) p-Diethylbenzene	8.094	119	243732	43.33	ug/l	98
90) 1,2,4,5-Tetramethylben...	8.597	119	376710	45.40	ug/l	99
91) 1,2-Dibromo-3-Chloropr...	8.646	157	11445	35.51	ug/l	82
92) Hexachlorobutadiene	9.297	225	127241	41.84	ug/l	99
93) 1,2,4-Trichlorobenzene	9.198	180	126122	38.05	ug/l	97
94) 1,2,3-Trichlorobenzene	9.533	180	111066	36.41	ug/l	97
95) Naphthalene	9.375	128	155965	36.99	ug/l	100

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



Quantitation Report (QT Reviewed)

SampleID : AC49985-002(MSD) Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54564.D Sam Mult : 1 Vial# : 29 Qt On : 02/26/10 05:49
 Acq On : 02/25/10 22:50 Misc : S,5G!5 Qt Upd On: 02/23/10 14:14

Data Path : G:\GcMsData\2010\GCMS_1\Data\02-2510\
 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	4.635	96	169508	30.00	ug/l	0.02
48) Chlorobenzene-d5	6.478	117	131178	30.00	ug/l	0.03
63) 1,4-Dichlorobenzene-d4	7.897	152	77979	30.00	ug/l	0.03
System Monitoring Compounds						
33) Dibromofluoromethane	4.191	111	46573	30.51	ug/l	0.02
Spiked Amount 30.000			Recovery	=	101.70%	
35) 1,2-Dichloroethane-d4	4.418	102	8072	29.17	ug/l	0.02
Spiked Amount 30.000			Recovery	=	97.23%	
59) Toluene-d8	5.600	100	115235	29.27	ug/l	0.02
Spiked Amount 30.000			Recovery	=	97.57%	
67) Bromofluorobenzene	7.177	174	66239	28.65	ug/l	0.03
Spiked Amount 30.000			Recovery	=	95.50%	
Target Compounds						
						Qvalue
5) Chlorodifluoromethane	1.394	51	160395	47.42	ug/l	1
6) Dichlorodifluoromethane	1.394	85	82589	41.77	ug/l	96
7) Chloromethane	1.528	50	89520	38.12	ug/l	99
8) Bromomethane	1.846	94	41752	45.95	ug/l	100
9) Vinyl Chloride	1.595	62	72658	45.61	ug/l	97
10) Chloroethane	1.913	64	44075	47.99	ug/l	96
11) Trichlorofluoromethane	2.114	101	163493	47.43	ug/l	99
12) 1,1,2-Trichloro-1,2,2-...	2.496	101	85815	48.36	ug/l	97
13) Methylene Chloride	2.851	84	85699	42.24	ug/l	98
14) Acrolein	2.407	56	36623	185.78	ug/l	98
15) Acrylonitrile	3.028	53	14687	32.95	ug/l	100
16) Iodomethane	2.614	142	132728	46.12	ug/l	74
17) Acetone	2.516	43	78176	231.23	ug/l	98
18) Carbon Disulfide	2.673	76	257645	48.16	ug/l	100
19) t-Butyl Alcohol	2.910	59	12322	253.14	ug/l	78
20) n-Hexane	3.294	57	139249	47.77	ug/l	90
21) Di-isopropyl-ether	3.452	45	328409	45.63	ug/l	91
22) 1,1-Dichloroethene	2.496	61	145619	36.62	ug/l	93
23) Methyl Acetate	2.772	43	46363	45.07	ug/l	100
24) Methyl-t-butyl ether	3.068	73	116338	43.28	ug/l	68
25) 1,1-Dichloroethane	3.403	63	193157	45.34	ug/l	100
26) trans-1,2-Dichloroethene	3.068	96	91727	47.11	ug/l	86
27) cis-1,2-Dichloroethene	3.866	61	185588	45.85	ug/l	93
28) Bromochloromethane	4.033	49	80745	41.34	ug/l	80
29) 2,2-Dichloropropane	3.866	77	122260	46.65	ug/l	91
30) 1,4-Dioxane	5.078	88	28836	2860.67	ug/l	78
31) 1,1-Dichloropropene	4.339	75	150211	43.91	ug/l	94
32) Chloroform	4.083	83	188846	50.74	ug/l	96
34) Cyclohexane	4.280	56	196377	45.44	ug/l	89
36) 1,2-Dichloroethane	4.467	62	136998	45.95	ug/l	94
37) 2-Butanone	3.856	43	29451	48.67	ug/l	93
38) 1,1,1-Trichloroethane	4.231	97	147147	47.71	ug/l	97
39) Carbon Tetrachloride	4.349	117	134153	48.81	ug/l	92
40) Vinyl Acetate	3.452	43	217361	34.65	ug/l	100
41) Bromodichloromethane	5.157	83	148071	49.36	ug/l	98
42) Methylcyclohexane	4.999	83	176938	46.43	ug/l	80
43) Dibromomethane	5.078	174	61652	46.76	ug/l	95
44) 1,2-Dichloropropane	4.999	63	105512	46.61	ug/l	85
45) Trichloroethene	4.871	130	109444	47.35	ug/l	97
46) Benzene	4.467	78	372182	56.28	ug/l	100
47) tert-Amyl methyl ether	4.536	73	111806	44.13	ug/l	84
49) Dibromochloromethane	6.123	129	92579	48.29	ug/l	98
50) 2-Chloroethylvinylether	5.325	63	37041	41.15	ug/l	89
51) cis-1,3-Dichloropropene	5.433	75	142992	44.83	ug/l	96
52) trans-1,3-Dichloropropene	5.748	75	115206	44.91	ug/l	95
53) 1,1,2-Trichloroethane	5.867	97	67386	48.00	ug/l	97
54) 1,2-Dibromoethane	6.202	107	66246	45.57	ug/l	96
55) 1,3-Dichloropropane	5.975	76	123763	44.88	ug/l	100
56) 4-Methyl-2-Pentanone	5.512	43	57102	41.93	ug/l	96
57) 2-Hexanone	6.005	43	37857	41.23	ug/l	98
58) Tetrachloroethene	5.985	164	102621	42.72	ug/l	96
60) Toluene	5.650	92	244312	53.18	ug/l	95
61) 1,1,1,2-Tetrachloroethane	6.527	133	94428	48.79	ug/l	92
62) Chlorobenzene	6.487	112	267952	45.18	ug/l	99
64) Bromoform	6.990	173	57233	42.41	ug/l	99
65) Ethylbenzene	6.547	106	110152	42.71	ug/l	98
66) 1,1,2,2-Tetrachloroethane	7.227	83	67075	40.47	ug/l	87
68) Styrene	6.862	104	261237	43.57	ug/l	95
69) m&p-Xylenes	6.606	106	330199	84.42	ug/l	91

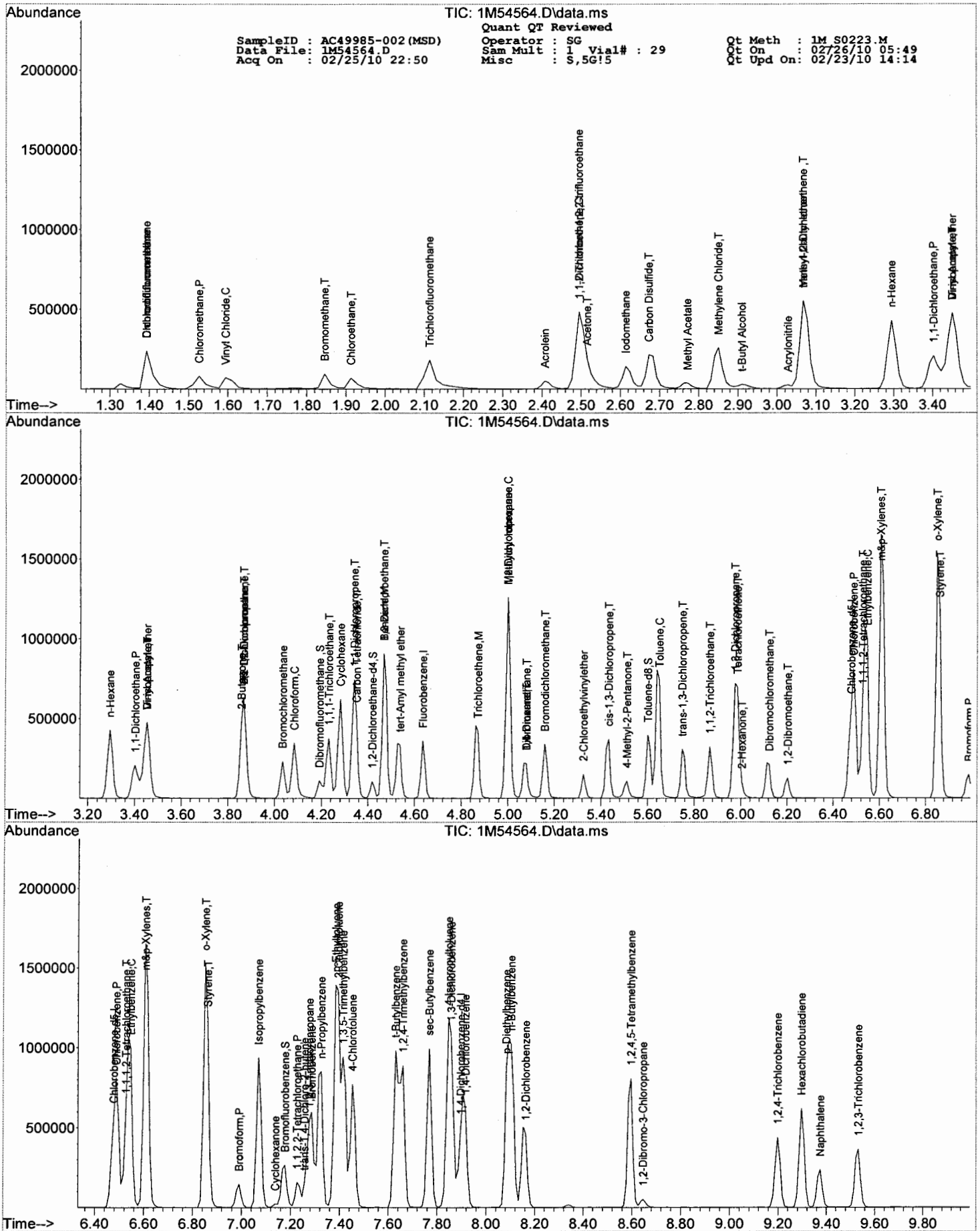
Quantitation Report (QT Reviewed)

SampleID : AC49985-002(MSD) Operator : SG Qt Meth : 1M_S0223.M
 Data File: 1M54564.D Sam Mult : 1 Vial# : 29 Qt On : 02/26/10 05:49
 Acq On : 02/25/10 22:50 Misc : S,5G!5 Qt Upd On: 02/23/10 14:14

Data Path : G:\GCMSData\2010\GCMS_1\Data\02-2510\
 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	6.852	106	165361	44.66	ug/l	88
71) trans-1,4-Dichloro-2-b...	7.256	53	26970	40.76	ug/l	76
72) 1,3-Dichlorobenzene	7.857	146	206560	41.05	ug/l	92
73) 1,4-Dichlorobenzene	7.917	146	202414	41.26	ug/l	94
74) 1,2-Dichlorobenzene	8.163	146	181275	42.15	ug/l	94
75) Isopropylbenzene	7.069	105	438385	43.55	ug/l	98
76) Cyclohexanone	7.138	55	9717	197.17	ug/l	87
77) 1,2,3-Trichloropropane	7.276	75	92697	42.03	ug/l	93
78) 2-Chlorotoluene	7.394	91	285347	46.92	ug/l	97
79) p-Ethyltoluene	7.384	105	481561	41.39	ug/l	94
80) 4-Chlorotoluene	7.453	91	264190	42.22	ug/l	96
81) n-Propylbenzene	7.325	91	560409	44.48	ug/l	98
82) Bromobenzene	7.286	77	262632	43.45	ug/l	87
83) 1,3,5-Trimethylbenzene	7.414	105	348884	39.26	ug/l	35
84) t-Butylbenzene	7.631	119	378336	45.69	ug/l	91
85) 1,2,4-Trimethylbenzene	7.660	105	398758	45.89	ug/l	96
86) sec-Butylbenzene	7.769	105	489105	45.15	ug/l	99
87) 4-Isopropyltoluene	7.848	119	400102	44.12	ug/l	95
88) n-Butylbenzene	8.104	91	478640	42.88	ug/l	98
89) p-Diethylbenzene	8.084	119	235891	41.00	ug/l	96
90) 1,2,4,5-Tetramethylben...	8.597	119	375181	44.20	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	8.646	157	13235	40.14	ug/l	90
92) Hexachlorobutadiene	9.296	225	128262	41.22	ug/l	98
93) 1,2,4-Trichlorobenzene	9.198	180	126246	37.23	ug/l	97
94) 1,2,3-Trichlorobenzene	9.533	180	112422	36.02	ug/l	96
95) Naphthalene	9.375	128	160559	37.22	ug/l	100

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



GC/MS Volatile Data
Logbook Data



RUN LOG

 Instrument: GCMS_3 Year: 2010
 Analyst: WP

1-1-3M71363

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M71363.	BFB TUNE		V-77129.V-77957. V-80245	DB						01/27 09:20
3M71364.	BLK	CnAnc				Soil	1	1	8260	01/27 09:30
3M71365.	50 PPB	CnAnc				Soil	1	1	8260	01/27 09:46
3M71366.	CAL @ 500 PPB	Oc	B-7134	DB		Soil	1	1	624 8260	01/27 10:04
3M71367.	CAL @ 250 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 10:20
3M71368.	CAL @ 100 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 10:37
3M71369.	CAL @ 50 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 10:53
3M71370.	CAL @ 20 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 11:10
3M71371.	CAL @ 10 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 11:26
3M71372.	CAL @ 5 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 11:43
3M71373.	BLK	Is	-	DB		Soil	1	1	8260	01/27 12:01
3M71374.	CAL @ 0.5 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 12:18
3M71375.	CAL @ 1 PPB		B-7134	DB		Soil	1	1	624 8260	01/27 12:34
3M71376.	BLK		-	DB		Soil	1	1	8260	01/27 12:51
3M71377.	STDTEST	Sd	-	DB		Soil	2.5	1	8260	01/27 13:08
3M71378.	BLK		-	DB		Soil	1	1	8260	01/27 13:25
3M71379.	ICV	Sd	V-80612	DB		Soil	2.5	1	8260	01/27 13:42
3M71380.	BLK		-	DB		Soil	1	1	8260	01/27 13:59
3M71381.	DAILY BLANK		OK	DB		Soil	1	1	8260	01/27 14:16
3M71382.	MBS14786		- MBS14786	DB		Soil	1	1	8260	01/27 14:32
3M71383.	MBS14787		OK MBS14787	DB		Soil	1	1	8260	01/27 14:49
3M71384.	BLK		-	DB		Soil	1	1	8260	01/27 15:06

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Fval Mix Failed
R6m	Blank 600 series missing	Ftn	Tolu/Solvent Extraction Date Missing/Not check'd	Fvnc	Fval Mix Not Checked
R8m	Blank 8000 series missing	Fto	Tolu Extraction Performed Outside of Hold	Fvrc	Fval Mix missing rdt or endrin
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R16 R26	Rnd Out on MsMed (col1 and or col2) 600 series
C16	Calibration Column 1 Out (8000 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MsMed (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hs	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (8000 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rn	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	Prnh with calrot csv for init calibration check rfs	Sa6 Sh6	Acid and or RN Surrogate Out (600 series)
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sh8	Acid and or RN Surrogate Out (8000 series)
Ca	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M18a M18b	Snake Out Col 1 800 series Acid and or RN	T6	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	T8	Outside of 800 series Tune time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18b	Snake Out Col 1 8000 series Acid and or RN	TIR	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checking Prep/updates modcheck/prep/updates	Mnc	Snake Not Checked for this ms/med	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

Instrument: GCMS_1 Year: 2010
Analyst: WP

1-1-1M54441

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-8131304	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	Fn	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
R6m	Blank 600 series missing	Ftn	Toln/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
R8m	Blank 8000 series missing	Ftn	Toln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing diff or andrin
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MeMet (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MeMet (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hc	Sample Analyzed outside of hold time	Rn	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 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 calint cov for init calibration check rfs	Sa6 Sb6	Acid and or RN 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 RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	Diff Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Diff Not Checked	M16a M18h	Snake Out Col 1 600 series Acid and or RN	T15	Outside of 500 series Tune time
Dn	Diff Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	T16	Outside of 600 series Tune time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checking Prep/updates modcheck/prep/updates	Mnc	Snake Not Checked for this ms/met	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

Instrument: GCMS_1 Year: 2010
Analyst: WP

1-1-1M54506

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54506.	BFB TUNE		OK.V-77129.V-77957.V-81304.V-8177	WP						02/25 06:39
1M54507.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	02/25 07:15
1M54508.	BLK		-	DB		Soil	1	1		8260 02/25 07:37
1M54509.	DAILY BLANK		OK	DB		Soil	1	1	8260	02/25 07:53
1M54510.	BLK		-	DB		Soil	1	1	8260	02/25 08:10
1M54511.	MBS15106		OK MBS15106	DB		Soil	1	1	8260	02/25 08:26
1M54512.	BLK		-	DB		Soil	1	1	8260	02/25 08:42
1M54513.	AC49985-001		OK	DB	VO10-8260	Soil	1	1	8260	02/25 08:59
1M54514.	AC49985-002		OK	DB	VO10-8260	Soil	1	1	8260	02/25 09:15
1M54515.	AC49985-003		OK	DB	VO10-8260	Soil	1	1	8260	02/25 09:32
1M54516.	AC49985-004		OK	DB	VO10-8260	Soil	1	1	8260	02/25 09:46
1M54517.	AC49988-001		OK	DB	VO10-8260	Soil	1	1	8260	02/25 10:02
1M54518.	AC49995-001		OK	DB	VO10-8260	Soil	1	1	8260	02/25 10:18
1M54519.	BLK		-	DB		Soil	1	1	8260	02/25 10:35
1M54520.	AC50001-003		-	DB	VO10-8260	Soil	1	1	8260	02/25 10:51
1M54521.	AC50001-004(MS:AC5		OK MBS15106	DB	VO10-8260	Soil	1	1	8260	02/25 11:07
1M54522.	AC50001-005(MSD:AC		OK MBS15106	DB	VO10-8260	Soil	1	1	8260	02/25 11:23
1M54523.	BLK		-	DB		Soil	1	1	8260	02/25 11:39
1M54524.	AC50001-003		OK MBS15106	DB	VO10-8260	Soil	1	1	8260	02/25 11:55
1M54525.	AC50019-001	Oc	USE MEXT RUN	DB	VO10-8260	Soil	1	1	8260	02/25 12:12
1M54526.	AC50019-002	S8AoOc	USE MEXT RUN	DB	VO10-8260	Soil	1	1	8260	02/25 12:28
1M54527.	AC50019-004	S8	RR-5a	DB	VO10-8260	Soil	1	1	8260	02/25 12:44
1M54528.	BLK		-	DB		Soil	1	1	8260	02/25 13:00
1M54529.	AC50001-001		OK	DB	VO10-8260	Soil	1	1	8260	02/25 13:16
1M54530.	AC50001-002		OK	DB	VO10-8260	Soil	1	1	8260	02/25 13:32
1M54531.	AC50019-004	S8AoOc	Confirms surr out	DB	VO10-8260	Soil	1	1	8260	02/25 13:52
1M54532.	AC50001-006		RR-5G possible co	WP	VO10-8260	Soil	1	1	8260	02/25 14:08
1M54533.	AC50015-009		OK	WP	VO15-8260	Soil	1	1	8260	02/25 14:25
1M54534.	AC50015-006	Ao	RR-5G	WP	VO15-8260	Soil	1	1	8260	02/25 14:41
1M54535.	AC50015-005		OK	WP	VO15-8260	Soil	1	1	8260	02/25 14:57

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Data Missing/Not check'd	FvF	Eval Mix Failed
RRm	Blank 6000 series missing	Ftn	Tolu/Solvent Extraction Data Missing/Not check'd	Fvnc	Eval Mix Not Checked
RRm	Blank 8000 series missing	Fto	Tolu Extraction Performed Outside of Hold	Fvrc	Eval Mix missing dil't or and'n
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on Method (col1 and or col2) 600 series
C16	Calibration Column 1 Out (8000 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on Method (col1 and or col2) 8000 series
C16	Calibration Column 1 Out (8000 Series)	Hc	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (8000 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
CRf	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
CRf	8000 series sample/blank did not have passing cal	Iv	Prob with calrot csv for init calibration check rfs	Sa6 Sb6	Acid and or RN Surrogate Out (600 series)
Cme	Endline Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a sample	Sdc	Surrogate Diluted Out
D1o D2o	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spoke Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M18b	Spoke Out Col 1 600 series Acid and or RN	T15	Outside of 500 series Time time
Do	Drift Out	M18 M28	Spoke Out Col 1 and or Col 2 8000 series	T16	Outside of 600 series Time time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18b	Spoke Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Time time/Cal Time
Fmn	Problem Checking Prep/nodates modchecker/nodates	Mnc	Spoke 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

Instrument: GCMS_1 Year: 2010
Analyst: WP

1-1-1M54536

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54536. BFB TUNE			OK.V-77129.V-77957.V-81304.V-81793	WP						02/25 15:09
1M54537. CAL @ 50 PPB	C16		OK	WP		Soil	0.4	1	624	02/25 15:19
1M54538. BLK	S8		-	WP		Soil	1	1		02/25 15:47
1M54539. DAILY BLANK			OK	WP		Soil	1	1		02/25 16:03
1M54540. MBS15112	S8		- MBS15112	WP		Soil	1	1		02/25 16:23
1M54541. BLK	S8Ao		-	WP		Soil	1	1		02/25 16:39
1M54542. MBS15113			OK MBS15113	WP		Soil	1	1		02/25 16:55
1M54543. AC49987-002			RR-5G Possible tic	WP	VO10-8260	Soil	1	1		02/25 17:11
1M54544. AC49987-003	S8		RR-5G	WP	VO10-8260	Soil	1	1		02/25 17:27
1M54545. AC49987-004			OK	WP	VO10-8260	Soil	1	1		02/25 17:43
1M54546. AC49987-005	S8		RR-5G	WP	VO10-8260	Soil	1	1		02/25 18:00
1M54547. AC49987-006	S8		RR-5G	WP	VO10-8260	Soil	1	1		02/25 18:16
1M54548. AC49987-007	S8		RR-5G	WP	VO10-8260	Soil	1	1		02/25 18:32
1M54549. AC49987-008			OK	WP	VO10-8260	Soil	1	1		02/25 18:48
1M54550. AC49987-009			OK	WP	VO10-8260	Soil	1	1		02/25 19:04
1M54551. AC49987-010			OK	WP	VO10-8260	Soil	1	1		02/25 19:20
1M54552. AC49987-011			OK	WP	VO10-8260	Soil	1	1		02/25 19:36
1M54553. AC49987-012			OK	WP	VO10-8260	Soil	1	1		02/25 19:53
1M54554. AC49987-013			OK	WP	VO10-8260	Soil	1	1		02/25 20:09
1M54555. AC49987-014			OK	WP	VO10-8260	Soil	1	1		02/25 20:25
1M54556. AC49987-015			OK	WP	VO10-8260	Soil	1	1		02/25 20:41
1M54557. AC49987-016			OK	WP	VO10-8260	Soil	1	1		02/25 20:57
1M54558. AC49987-018			OK	WP	VO10-8260	Soil	1	1		02/25 21:13
1M54559. AC49987-019			RR-5G possible tic	WP	VO10-8260	Soil	1	1		02/25 21:29
1M54560. AC49987-020			OK	WP	VO10-8260	Soil	1	1		02/25 21:46
1M54561. AC49987-017			OK	WP	VO10-8260	Soil	1	1		02/25 22:02
1M54562. MBS15114			OK MBS15114	WP		Soil	1	1		02/25 22:18
1M54563. AC49985-002(MS)			OK MBS15113	WP	VO10-8260	Soil	1	1		02/25 22:34
1M54564. AC49985-002(MSD)			OK MBS15113	WP	VO10-8260	Soil	1	1		02/25 22:50
1M54565. BLK			-	WP		Soil	1	1		02/25 23:06
1M54566. BLK			OK	WP		Soil	1	1		02/25 23:22
1M54567. MBS15115			OK MBS15115	WP		Soil	1	1		02/25 23:38
1M54568. MBS15116			OK MBS15116	WP		Soil	1	1		02/25 23:54
1M54569. AC49987-021			RR-5G possible tic	WP	VO10-8260	Soil	1	1		02/26 00:10
1M54570. AC49987-022			OK	WP	VO10-8260	Soil	1	1		02/26 00:27
1M54571. AC49987-023			OK	WP	VO10-8260	Soil	1	1		02/26 00:43
1M54572. AC49987-024			OK	WP	VO10-8260	Soil	1	1		02/26 00:59
1M54573. AC49987-025			OK	WP	VO10-8260	Soil	1	1		02/26 01:15
1M54574. AC49987-026			OK	WP	VO10-8260	Soil	1	1		02/26 01:31
1M54575. AC49987-027			OK	WP	VO10-8260	Soil	1	1		02/26 01:47
1M54576. AC49987-030			OK	WP	VO10-8260	Soil	1	1		02/26 02:03
1M54577. AC49987-001			OK	WP	VO10-8260	Soil	1	1		02/26 02:19
1M54578. MBS15117			OK MBS15117	WP		Soil	1	1		02/26 02:35
1M54579. BLK			-	WP		Soil	1	1		02/26 02:51
1M54580. BLK			-	WP		Soil	1	1		02/26 03:07

Anc	Area Not Checked	Fa	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
Rfm	Blank 6000 series missing	Ftn	Toln/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
Rfm	Blank 8000 series missing	Fto	Toln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing left or and/or
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R16 R26	Rnd Out on Method (col1 and or col2) 6000 series
C16	Calibration Column 1 Out (8000 Series)	Hb	Analysis Refers Collection Date	R18 R28	Rnd Out on Method (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 (8000 Series)	I16 I26	Initial cal 6000 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	6000 series surrogate out
C8f	6000 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 calrot csv for init calibration check rfs	Sa6 Sb6	Acid and or RN Surrogate Out (6000 series)
C8f	Endino Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1a D2a	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 6000 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M18a M18b	Snake Out Col 1 6000 series Acid and or RN	T15	Outside of 500 series Time time
Do	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	T16	Outside of 6000 series Time time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18b	Snake Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Time time/Cal Time
Fmo	Problem Checking Pre/surrogate modcheck/surrogate	Mnc	Snake Not Checked for this ms/msd	Tm	Too Many Samples for beginning Calibration
Fa	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 sar Too many samples begin Calibration



RUN LOG

Instrument: GCMS_1 Year: 2010
Analyst: SG

1-1-1M54584

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54584.	BFB TUNE		V-77129.V-81795.V-77957.V-8134304	DB						02/26 05:41
1M54585.	50 PPB	CnSdAnc	-	DB		Soil	0.4	1		8260 02/26 05:53
1M54586.	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624	8260 02/26 06:16
1M54587.	BLK		-	DB		Soil	1	1		8260 02/26 06:37
1M54588.	DAILY BLANK		OK	DB		Soil	1	1		8260 02/26 06:53
1M54589.	MBS15121		OK MBS15121	DB		Soil	1	1		8260 02/26 07:34
1M54590.	BLK		-	DB		Soil	1	1		8260 02/26 07:51
1M54591.	AC49987-002	S8	USE 1ST RUN	DB	VO10-8260	Soil	1	1		8260 02/26 08:07
1M54592.	AC49987-003		OK	DB	VO10-8260	Soil	1	1		8260 02/26 08:23
1M54593.	AC49987-005		OK	DB	VO10-8260	Soil	1	1		8260 02/26 08:39
1M54594.	AC49987-006		OK	DB	VO10-8260	Soil	1	1		8260 02/26 08:55
1M54595.	AC49987-007		OK	DB	VO10-8260	Soil	1	1		8260 02/26 09:11
1M54596.	AC49987-019		OK	DB	VO10-8260	Soil	1	1		8260 02/26 09:28
1M54597.	AC49987-028		OK	DB	VO10-8260	Soil	1	1		8260 02/26 09:44
1M54598.	BLK		-	DB		Soil	1	1		8260 02/26 10:00
1M54599.	AC49987-029		OK	DB	VO10-8260	Soil	1	1		8260 02/26 10:16
1M54600.	BLK		-	DB		Soil	1	1		8260 02/26 10:32
1M54601.	BLK		-	DB		Soil	1	1		8260 02/26 10:48
1M54602.	AC50015-006	S8Ao	2ND RUN	DB	VO15-8260	Soil	1	1		8260 02/26 11:04
1M54603.	AC50049-005(5X)		OK	DB	VO-8260	Soil	1	5		8260 02/26 11:21
1M54604.	MBS15126		- MBS15126	DB		Soil	1	1		8260 02/26 11:37
1M54605.	BLK		-	DB		Soil	1	1		8260 02/26 11:53
1M54606.	AC50034-002(5X)		RR-5a	DB	VO10-8260	Soil	1	5		8260 02/26 12:09
1M54607.	AC50034-001(5X)		RR-5a - DIRTY	DB	VO10-8260	Soil	1	5		8260 02/26 12:25
1M54608.	BLK		-	DB		Soil	1	1		8260 02/26 12:41
1M54609.	BLK		-	DB		Soil	1	1		8260 02/26 12:57
1M54610.	AC50034-003	S8AoOc	RR-5a - MISPURGE	DB	VO10-8260	Soil	1	1		8260 02/26 13:13
1M54611.	AC50034-004		OK	DB	VO10-8260	Soil	1	1		8260 02/26 13:30
1M54612.	AC50034-005	S8	RR-5a	DB	VO10-8260	Soil	1	1		8260 02/26 13:46
1M54613.	AC50034-006		OK	DB	VO10-8260	Soil	1	1		8260 02/26 14:02
1M54614.	AC50034-007	Oc	OK	DB	VO10-8260	Soil	1	1		8260 02/26 14:18
1M54615.	AC50034-008	Oc	OK	DB	VO10-8260	Soil	1	1		8260 02/26 14:34
1M54616.	BLK		-	DB		Soil	1	1		8260 02/26 14:50
1M54617.	AC50039-006		RR-5a - possible TIC CO. OK	DB	VO10-8260	Soil	1	1		8260 02/26 15:06
1M54618.	AC50036-001(5X)	S8Oc	RR-1a - DIRTY	DB	VO10-8260	Soil	1	5		8260 02/26 15:22
1M54619.	BLK		-	DB		Soil	1	1		8260 02/26 15:39
1M54620.	BLK		-	DB		Soil	1	1		8260 02/26 15:55
1M54621.	BLK		-	DB		Soil	1	1		8260 02/26 16:11
1M54622.	BLK		-	DB		Soil	1	1		8260 02/26 16:30
1M54623.	AC50001-006		OK	DB	VO10-8260	Soil	1	1		8260 02/26 16:46
1M54624.	AC49985-005		OK	DB	VO10-8260	Soil	1	1		8260 02/26 17:02
1M54625.	AC49987-021		OK	DB	VO10-8260	Soil	1	1		8260 02/26 17:19
1M54626.	MBS15128		- MBS15128	DB		Soil	1	1		8260 02/26 17:35
1M54627.	MBS15129	Ti8	- MBS15129	DB		Soil	1	1		8260 02/26 17:51
1M54628.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 18:09
1M54629.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 18:25
1M54630.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 18:41
1M54631.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 18:57
1M54632.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 19:14
1M54633.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 19:30
1M54634.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 19:46
1M54635.	BLK	Ti8	-	DB		Soil	1	1		8260 02/26 20:02

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Data Missing/Not check'd	FvF	Eval Mix Failed
RRm	Blank 600 series missing	Ftn	Tolu/Solvent Extraction Data Missing/Not check'd	Fvnc	Eval Mix Not Checked
RRm	Blank 8000 series missing	Ftn	Tolu Extraction Performed Outside of Hold	Fvrc	Eval Mix missing diff or endin
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on Method (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Data	R18 R28	Rnd Out on Method (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	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
C8f	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 calint csv for init calibration check rfs	Sa6 Sb6	Acid and or RN Surrogate Out (600 series)
Cme	Endion Cal missing for sample (8000 series)	Iv	Initial cal warning. Ini cal file <> method	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/aval	Iv	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	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M18h	Snake Out Col 1 600 series Acid and or RN	T5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	T6	Outside of 600 series Tune time/Cal Time
Fha	An Extraction Before Collection Date	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	T8	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checking Prep/updates modcheck/reanalysis	Mnc	Snake 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 see Too many samples begin Calibration



RUN LOG

Instrument: GCMS_3 Year: 2010
Analyst: WP

1-1-3M71973

1434.10

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
3M71973	BFB TUNE		V-77129, V-81795, V-77957, V-81304							02/26 14:34
3M71974	CAL @ 50 PPB	C16	OK	DB		Soil	0.4	1	624 8260	02/26 15:16
3M71975	BLK	C6fBnf	-	DB		Aqueous	1	1	624 8260	02/26 15:34
3M71976	DAILY BLANK		OK	DB		Soil	1	1	8260	02/26 15:50
3M71977	AC50047-001		OK MBS15127	DB	VOSTAR1-82	Soil	1	1	8260	02/26 16:10
3M71978	AC50047-002	S8Ao	RR-5a	DB	VOSTAR1-82	Soil	1	1	8260	02/26 16:27
3M71979	MBS15127		OK MBS15127	DB		Soil	1	1	8260	02/26 16:44
3M71980	BLK		-	DB		Soil	1	1	8260	02/26 17:00
3M71981	AC50047-003		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 17:17
3M71982	AC50047-004		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 17:33
3M71983	AC50047-005		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 17:50
3M71984	AC50047-006		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 18:07
3M71985	AC50047-007		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 18:23
3M71986	AC50047-008		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 18:40
3M71987	AC50047-009		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 18:56
3M71988	AC50047-010		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 19:13
3M71989	AC50047-011		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 19:29
3M71990	AC50047-012		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 19:46
3M71991	AC50047-013		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 20:02
3M71992	AC50047-014		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 20:19
3M71993	AC50047-015		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 20:36
3M71994	AC50047-016		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 20:52
3M71995	AC50047-017		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 21:09
3M71996	AC50047-001(MS)		OK MBS15127	DB	VOSTAR1-82	Soil	1	1	8260	02/26 21:25
3M71997	AC50047-001(MSD)		OK MBS15127	DB	VOSTAR1-82	Soil	1	1	8260	02/26 21:42
3M71998	MBS15133		- MBS15133	DB		Soil	1	1	8260	02/26 21:58
3M71999	BLK		-	DB		Soil	1	1	8260	02/26 22:15
3M72000	BLK		OK	DB		Soil	1	1	8260	02/26 22:31
3M72001	AC49987-002		OK	DB	VO10-8260	Soil	1	1	8260	02/26 22:48
3M72002	AC50047-002		OK	DB	VOSTAR1-82	Soil	1	1	8260	02/26 23:04
3M72003	AC50034-005	S8	2ND RUN	DB	VO10-8260	Soil	1	1	8260	02/26 23:21
3M72004	MBS15134		OK MBS15134	DB		Soil	1	1	8260	02/26 23:37
3M72005	BLK		-	DB		Soil	1	1	8260	02/26 23:54
3M72006	AC50034-003(5X)		-	DB	VO10-8260	Soil	1	5	8260	02/27 00:10
3M72007	AC50034-007(5X)		-	DB	VO10-8260	Soil	1	5	8260	02/27 00:27
3M72008	AC50034-008(5X)		-	DB	VO10-8260	Soil	1	5	8260	02/27 00:43
3M72009	AC50036-001(5X)	Oc	OK	DB	VO10-8260	Soil	1	5	8260	02/27 01:00
3M72010	MBS15135		- MBS15135	DB		Soil	1	1	8260	02/27 01:16
3M72011	BLK		-	DB		Soil	1	1	8260	02/27 01:33
3M72012	BLK		-	DB		Soil	1	1	8260	02/27 01:49
3M72013	BLK		-	DB		Soil	1	1	8260	02/27 02:06
3M72014	BLK		-	DB		Soil	1	1	8260	02/27 02:22
3M72015	BLK	Ti8	-	DB		Soil	1	1	8260	02/27 02:39

Ans	Area Not Checked	Fa	Extraction Performed Past Hold	Co	Warnin Possible Carrv Over
An	Area Out	Fsm	Solvent Extraction Data Missinn/Not check'd	FvF	Fval Mix Failed
R6m	Blank 8000 series missinn	FIn	Teln/Solvent Extraction Data Missinn/Not check'd	Fvnc	Fval Mix Not Checked
R6n	Blank 8000 series missinn	FIn	Teln Extraction Performed Outside of Hold	Fvrc	Fval Mix missinn dft or andinn
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R18 R26	Rval Out on Method (cml1 and or cml2) 8000 series
C16	Calibration Column 1 Out (8000 Series)	Hb	Analysis Before Collection Data	R18 R28	Rval Out on Method (cml1 and or cml2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hc	Sample Analyzed outside of hold time	Ro	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (8000 Series)	I16 I26	Initial cal 8000 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	8000 series surrogate not
C8f	8000 series sample/blank did not have a session cal	Is	Initial Cal Not Checked	S8	8000 series surrogate not
C8f	8000 series sample/blank did not have a session cal	Iv	Prnh with calnt csv for init calibration check rts	Sa6 Sb6	Acid and or RN Surrogate Out (8000 series)
Cme	Extrn Cal missinn for sampls (8000 series)	Iw	Initial Cal Files Not Updated Properly for a sampl	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Snake Out Col 1 and or Col 2 8000 series	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 8000 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	Ti5	Outside of 500 series Tune time
Dn	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	Ti6	Outside of 8000 series Tune time/Cal Time
Fba	An Extraction Before Collection Data	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checkinn Prep/updates modchecknonund	Mnc	Snake Not Checked for this ms/msd	Tm	Tnn Many Samples/ for baseline Calibration
En	Eval Time Not Checked	Oc	Warnin Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration



RUN LOG

 Instrument: GCMS_1 Year: 2010
 Analyst: WP

1-1-1M54645

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
1M54645	BFB TUNE		OK.V-77129.V-77957.V-81304.V-81848	WP						03/01 09:31
1M54646	CAL @ 50 PPB	C16	OK	WP		Soil	0.4	1	624 8260	03/01 10:11
1M54647	BLK		-	WP		Soil	1	1	8260	03/01 10:33
1M54648	DAILY BLANK		OK	WP		Soil	1	1	8260	03/01 10:49
1M54649	BLK		-	WP		Soil	1	1	8260	03/01 11:05
1M54650	AC50034-003		OK	WP	VO10-8260	Soil	1	1	8260	03/01 11:24
1M54651	AC50034-002		OK	WP	VO10-8260	Soil	1	1	8260	03/01 11:40
1M54652	AC50034-001		OK	WP	VO10-8260	Soil	1	1	8260	03/01 11:56
1M54653	MBS15146		OK MBS15146	WP		Soil	1	1	8260	03/01 12:12
1M54654	AC49985-005(MS)		OK MBS15146	WP	VO10-8260	Soil	1	1	8260	03/01 12:29
1M54655	AC49985-005(MSD)		OK MBS15146	WP	VO10-8260	Soil	1	1	8260	03/01 12:45
1M54656	BLK		-	WP		Soil	1	1	8260	03/01 13:03
1M54657	BLK		-	WP		Soil	1	1	8260	03/01 14:21

Anc	Area Not Checked	Fa	Extraction Performed Past Hold	Ca	Warning Possible Carry Over
An	Area Out	Fem	Solvent Extraction Data Missing/Not check'd	FvF	Eval Mix Failed
R6m	Blank 600 series missing	Ftn	Tcin/Solvent Extraction Data Missing/Not check'd	Fvnc	Eval Mix Not Checked
R8m	Blank 8000 series missing	Ftn	Tcin Extraction Performed Outside of Hold	Fvnc	Eval Mix missing drift or ending
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Ret Out on Method (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Data	R18 R28	Ret Out on Method (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
C8f	600 series sample/blank did not have passon cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have passon cal	Iv	Prob with calret csv for init calibration check rfs	SA6 SB6	Acid and or RN Surrogate Out (600 series)
Cma	Endion Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	SA8 SB8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Initial Cal Files Not Updated Properly for a sample	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	Spoke Out Col 1 600 series Acid and or RN	T15	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Spoke Out Col 1 and or Col 2 8000 series	T16	Outside of 600 series Tune time/Cal Time
Fba	An Extraction Before Collection Data	M18a M18b	Spoke Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checkinng Prev/rundates modchecker/rundates	Mnc	Spoke 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-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
3661	Fluorobenzene	150 mg	NEAT	1500 ppm
3693	Dibromofluoromethane	150 mg	NEAT	1500 ppm
3741	Methanol	100 ml	neat neat	
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



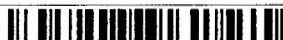
Prepared By: Revolus, Jean		Department: Organics	ApprovedBy: jean	
Description: CYCLOHEXANONE(2nd Source)		BatchNumber:	ApproveDate: 07/30/09	
Prep Date: 5/13/2009		Concentration: 10000 ppm	Checked: Yes	
Expiration Date: 5/13/2010		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	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		Department: Organics	ApprovedBy: DAN	
Description: VOA WORKING INT/SURR MIX		BatchNumber:	ApproveDate: 12/09/09	
Prep Date: 12/8/2009		Concentration: 150 ppm	Checked: Yes	
Expiration Date: 4/2/2010		Final Volume: 200 ml		
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		Department: Organics	ApprovedBy: DAN	
Description: VOA ADD MIX		BatchNumber:	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 5000 ppm	Checked: Yes	
Expiration Date: 12/31/2010		Final Volume: 5 ml		
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		Department: Organics	ApprovedBy: DAN	
Description: VOA ADD MIX(2nd Source)		BatchNumber:	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 5000 ppm	Checked: Yes	
Expiration Date: 12/31/2010		Final Volume: 5 ml		
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-80245

Prepared By: Goring, Shawn		Department: Organics	ApprovedBy: DAN	
Description: MBS		BatchNumber:	ApproveDate: 01/29/10	
Prep Date: 1/26/2010		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 Internally Prepared Standard Log

Veritech Lot Number: V-80246

Prepared By: Goring, Shawn		Department: Organics	ApprovedBy: DAN	
Description: 200ppm VOA Working Std		BatchNumber:	ApproveDate: 01/29/10	
Prep Date: 1/26/2010		Concentration: VARIOUS pp	Checked: Yes	
Expiration Date: 5/4/2010		Final Volume: 1 ml		
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
4281	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 Lot Number: V-80602

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 500 PPB		BatchNumber:	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 40 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80246	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-80603

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 250 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	2.5 ml	neat neat	
V-80602	Soil8260 CAL @ 500 PPB	2.5 ml	VARIOUS pp	250 ppb

Veritech Lot Number: V-80604

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 100 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		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-80602	Soil8260 CAL @ 500 PPB	1 ml	VARIOUS pp	100 ppb

Veritech Lot Number: V-80605

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 50 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	4.5 ml	neat neat	
V-80602	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-80606

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 20 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80602	Soil8260 CAL @ 500 PPB	.2 ml	VARIOUS pp	20 ppb
1398	p&t water	4.8 ml	neat neat	

Veritech Lot Number: V-80607

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 10 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80602	Soil8260 CAL @ 500 PPB	.1 ml	VARIOUS pp	10 ppb
1398	p&t water	4.9 ml	neat neat	

Veritech Lot Number: V-80608

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 5 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		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-80602	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb

Veritech Lot Number: V-80609

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 1 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80602	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb
1398	p&t water	4.99 ml	neat neat	

Veritech Lot Number: V-80610

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 500 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80602	Soil8260 CAL @ 500 PPB	5 ml	VARIOUS pp	500 ppb

Veritech Lot Number: V-80611

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: Soil8260 CAL @ 0.5 PPB		BatchNumber: B-7134	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		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-80602	Soil8260 CAL @ 500 PPB	.005 ml	VARIOUS pp	0.5 ppb

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-80612

Prepared By: Batelli, Daniel		Department: Organics	ApprovedBy: DAN	
Description: ICV CAL @ 50 PPB		BatchNumber:	ApproveDate: 02/02/10	
Prep Date: 1/27/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 1/28/2010		Final Volume: 5 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
1398	p&t water	5 ml	neat neat	
V-80245	MBS	2.5 ul	100 ppm	50 ppb
4457	CHLORODIFLUOROMETHANE	1.25 ul	200 ppm	50 ppb

Veritech Lot Number: V-81303

Prepared By: Previlon, Wilner		Department: Organics	ApprovedBy: DAN	
Description: 200ppm VOA Working Std		BatchNumber:	ApproveDate: 02/19/10	
Prep Date: 2/17/2010		Concentration: VARIOUS pp	Checked: Yes	
Expiration Date: 5/4/2010		Final Volume: 1 ml		
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 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 Internally Prepared Standard Log

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
1398	p&t water	4.5 ml	neat neat	
V-81603	Soil8260 CAL @ 500 PPB	.5 ml	VARIOUS pp	50 ppb

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
V-81603	Soil8260 CAL @ 500 PPB	.05 ml	VARIOUS pp	5 ppb
1398	p&t water	4.95 ml	neat neat	

Veritech Internally Prepared Standard Log

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
V-81603	Soil8260 CAL @ 500 PPB	.01 ml	VARIOUS pp	1 ppb
1398	p&t water	4.99 ml	neat neat	

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 Lot Number: V-81613

Prepared By: Previlon, Wilner		Department: Organics	ApprovedBy: DAN	
Description: ICV CAL @ 50 PPB		BatchNumber:	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	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-81779

Prepared By: Goring, Shawn		Department: Organics	ApprovedBy: DAN	
Description: CAL @ 50 PPB		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 2/25/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 2/26/2010		Final Volume: 5 ml		
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 Internally Prepared Standard Log

Veritech Lot Number: V-81793



Prepared By: Previlon, Wilner		Department: Organics	ApprovedBy: DAN	
Description: CAL @ 50 PPB		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 2/25/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 2/26/2010		Final Volume: 5 ml		
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-81795



Prepared By: Goring, Shawn		Department: Organics	ApprovedBy: DAN	
Description: CAL @ 50 PPB		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 2/26/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 2/27/2010		Final Volume: 5 ml		
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-81848



Prepared By: Previlon, Wilner		Department: Organics	ApprovedBy: DAN	
Description: CAL @ 50 PPB		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: VARIOUS ppb	Checked: Yes	
Expiration Date: 3/2/2010		Final Volume: 5 ml		
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 Standard Receipt Log

Veritech Control/Receipt Number: 777									
Description						ApprovedBy: jean ApproveDate: 09/03/09 Checked: Yes			
1-bromo-4-fluorobenzene									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
METHANOL									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
CHLOROBENZENE-D5									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
TOLUENE-D8									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
METHANOL									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
p&t water									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
METHANOL									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
1,4-Dichlorobenzene-d4									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
CYCLOHEXANONE									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
p-ETHYLTOLUENE									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
p-DIETHYLBENZENE									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
1,2,4,5-TETRAMETHYLBENZENE									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
1,2-Dichloroethane-d4									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
Fluorobenzene									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
Dibromofluoromethane									
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						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
Methanol									
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, Maxwell	48	1LT	neat	neat

Veritech Control/Receipt Number: 4030									
Description						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
METHANOL									
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, Maxwell	48	1LT	NEAT	NEAT

Veritech Control/Receipt Number: 4269									
Description						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
tert-Amyl, Methyl Ether									
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: 4281									
Description						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
tert-Amyl methyl ether									
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
SUPELCO	5-06737	LB64951	07/30/09	02/28/12	Revolus, Jean	2	1ml	2000	PPM

Veritech Control/Receipt Number: 4285									
Description						ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
502/524 VOA CAL MIX									
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						ApprovedBy: jean ApproveDate: 10/14/09 Checked: Yes			
CHLORODIFLUOROMETHANE									
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 Standard Receipt Log

Veritech Control/Receipt Number: 4515											
Description								ApprovedBy: FRANK			
tert-Amyl Methyl Ether								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 Control/Receipt Number: 4516											
Description								ApprovedBy: FRANK			
502/524 VOA CAL MIX								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								ApprovedBy: jean			
CUSTOM VOA MIX								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								ApprovedBy: jean			
CUSTOM VOA MIX								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								ApprovedBy: jean			
8260 ADDITIONS MIX								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								ApprovedBy: jean			
GASES								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: 4608											
Description								ApprovedBy: DAN			
VOA COMP MIX #6(GASES)								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	Column1	Column1	Column1	Column1	Column1
						S1 Recov	S2 Recov	S3 Recov	S4 Recov	S5 Recov	S6 Recov
5M55835.D	SMB4428	Soil	03/02/10 09:16	1		81	93	104	100	108	110
9M23340.D	SMB4418	Soil	02/17/10 15:44	1		88	89	84	82	116	93
9M23509.D	SMB4428	Soil	03/02/10 12:52	1		99	100	103	99	103	108
9M23510.D	SMB4429	Soil	03/02/10 13:14	1		101	96	93	90	106	99
9M23513.D	AC50034-001(	Soil	03/02/10 14:22	2		83	85	82	89	103	94
9M23514.D	AC50034-002	Soil	03/02/10 14:45	1		85	84	78	83	103	86
5M55842.D	AC50034-003	Soil	03/02/10 11:51	1		74	81	85	90	102	96
9M23511.D	AC50034-004(	Soil	03/02/10 13:37	2		89	84	84	86	97	100
9M23512.D	AC50034-005(	Soil	03/02/10 13:59	2		84	82	80	87	95	91
9M23517.D	AC50034-006(	Soil	03/02/10 16:19	2		88	84	85	79	94	93
9M23547.D	AC50034-007(	Soil	03/03/10 18:11	10		67	56	66	77	89	79
9M23521.D	AC50034-008(	Soil	03/02/10 17:50	2		78	79	74	72	92	89
5M55836.D	SMB4428(MS)	Soil	03/02/10 09:38	1		84	92	98	94	110	98
5M55847.D	SMB4429(MS)	Soil	03/02/10 13:42	1		85	93	99	95	106	101
5M55852.D	AC49957-006	Soil	03/02/10 15:34	1		67	73	94	84	90	73
5M55853.D	AC49957-006(	Soil	03/02/10 15:57	1		77	84	107	97	108	81
5M55854.D	AC49957-006(	Soil	03/02/10 16:19	1		71	79	100	91	109	78
9M23358.D	SMB4418(MS)	Soil	02/18/10 10:04	1		81	85	80	81	124	88
9M23359.D	AC49760-001	Soil	02/18/10 10:27	1		98	97	109	79	123	89
9M23360.D	AC49760-001(	Soil	02/18/10 10:49	1		77	77	108	67	103	73
9M23361.D	AC49760-001(	Soil	02/18/10 11:13	1		86	86	116	75	115	80

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

Form3
MBS Data
Method: 8270

Data File: ====> 5M55836.D																
Data/Batch/Sample ID: ====> SMB4428(MS)-So																
Date/Time: ====> 03/02/10 09:38																
Compound	Limit(s)		Col	Mr	Conc %			Conc %			Conc %			Conc %		
	Soil	Aq			Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec	Conc	Exp	Rec
1,2,4-Trichlorobenz	40-129		1	0	51.88	50	104									
1,4-Dichlorobenzen	26-128		1	0	49.03	50	98									
2,4-Dimethylphenol	47-135		1	0	107.8	100	108									
2,4-Dinitrotoluene	30-139		1	0	49.76	50	100									
2-Chlorophenol	43-131		1	0	100.2	100	100									
2-Methylphenol	40-137		1	0	103.0	100	103									
4-Chloro-3-methylph	45-142		1	0	110.2	100	110									
4-Nitrophenol	35-146		1	0	103.5	100	104									
Acenaphthene	47-137		1	0	52.1	50	104									
Butylbenzylphthalat	45-157		1	0	53.03	50	106									
Fluorene	42-135		1	0	54.36	50	109									
Naphthalene	44-132		1	0	51.94	50	104									
N-Nitroso-di-n-propy	23-147		1	0	58.01	50	116									
Pentachlorophenol	38-132		1	0	102.1	100	102									
Phenol	35-130		1	0	90.33	100	90									
Pyrene	45-167		1	0	52.47	50	105									

FORM 3

Spike Recovery

Batch Number: SMB4418

Mbs File: 9M23358.D

Mbs Date: 02/18/10 10:04

Mbs Name: SMB4418(MS)

Non Spk'd File: 9M23359.D

Non Spk'd Date: 02/18/10 10:27

Ns Name: AC49760-001

Spike File: 9M23360.D

Spike Date : 02/18/10 10:49

Ms Name: AC49760-001(MS)

Spike Dup File: 9M23361.D

Spike Dup Date: 02/18/10 11:13

Msd Name: AC49760-001(MSD)

Matrix: Soil

Method: EPA 8270C

Compound	C#	Co	Mr	Conc				Mbs	Sample	Spike	Spike	Mbs	MS	Msd	Rpd
				Exp	Lo	Hi	Rpd								
				Exp	Llm	Lim	Llm	Conc	Conc	Conc	Dup	Rec	Rec	Rec	
Phenol	16	1	0	100	35	130	31	81.39	0.00	80.87	83.78	81	81	84	3.5
2-Chlorophenol	17	1	0	100	43	131	32	82.10	0.00	75.40	80.89	82	75	81	7
1,4-Dichlorobenzene	20	1	0	50	26	128	41	37.61	0.00	31.00	34.26	75	62	69	10
2-Methylphenol	24	1	0	100	40	137	32	83.36	0.00	79.50	84.61	83	80	85	6.2
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	41.45	0.00	89.12	106.66	83	178 Mo	213 Mo	18
2,4-Dimethylphenol	34	1	0	100	47	135	32	90.20	0.00	127.60	96.69	90	128	97	28
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	38.97	0.00	35.22	39.38	78	70	79	11
Naphthalene	39	1	0	50	44	132	41	40.83	0.00	44.29	39.04	82	89	78	13
4-Chloro-3-methylphe	43	1	0	100	45	142	32	102.36	0.00	93.86	97.94	102	94	98	4.3
Acenaphthene	61	1	0	50	47	137	58	42.73	0.00	37.91	41.18	85	76	82	8.3
2,4-Dinitrotoluene	65	1	0	50	30	139	47	46.67	0.00	41.13	41.71	93	82	83	1.4
4-Nitrophenol	66	1	0	100	35	146	36	107.64	0.00	107.48	105.74	108	107	106	1.6
Fluorene	68	1	0	50	42	135	43	45.98	0.00	42.99	43.85	92	86	88	2
Pentachlorophenol	81	1	0	100	38	132	37	117.24	0.00	107.32	108.91	117	107	109	1.5
Pyrene	88	1	0	50	45	167	53	45.09	0.00	44.39	50.20	90	89	100	12
Butylbenzylphthalate	94	1	0	50	45	157	40	45.93	0.00	36.93	38.68	92	74	77	4.6

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: SMB4429

Mbs File: 5M55847.D

Mbs Date: 03/02/10 13:42

Mbs Name: SMB4429(MS)

Non Spk'd File: 5M55852.D

Non Spk'd Date: 03/02/10 15:34

Ns Name: AC49957-006

Spike File: 5M55853.D

Spike Date : 03/02/10 15:57

Ms Name: AC49957-006(MS)

Spike Dup File: 5M55854.D

Spike Dup Date: 03/02/10 16:19

Msd Name: AC49957-006(MSD)

Matrix: Soil

Method: EPA 8270C

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	16	1	0	100	35	130	31	90.90	0.00	81.78	73.40	91	82	73	11
2-Chlorophenol	17	1	0	100	43	131	32	101.31	0.00	94.32	84.54	101	94	85	11
1,4-Dichlorobenzene	20	1	0	50	26	128	41	48.94	0.00	46.76	41.78	98	94	84	11
2-Methylphenol	24	1	0	100	40	137	32	103.29	0.00	93.49	85.55	103	93	86	8.9
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	57.48	0.00	51.15	46.41	115	102	93	9.7
2,4-Dimethylphenol	34	1	0	100	47	135	32	107.10	0.00	111.96	101.76	107	112	102	9.5
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	52.05	0.00	51.62	46.40	104	103	93	11
Naphthalene	39	1	0	50	44	132	41	51.97	0.00	53.08	48.37	104	106	97	9.3
4-Chloro-3-methylphe	43	1	0	100	45	142	32	106.77	0.00	93.31	84.68	107	93	85	9.7
Acenaphthene	61	1	0	50	47	137	58	51.95	0.00	60.40	56.63	104	121	113	6.4
2,4-Dinitrotoluene	65	1	0	50	30	139	47	48.68	0.00	47.45	41.80	97	95	84	13
4-Nitrophenol	66	1	0	100	35	146	36	94.91	0.00	87.18	77.71	95	87	78	11
Fluorene	68	1	0	50	42	135	43	54.83	0.00	56.74	53.00	110	113	106	6.8
Pentachlorophenol	81	1	0	100	38	132	37	90.64	0.00	98.31	81.01	91	98	81	19
Pyrene	88	1	0	50	45	167	53	54.73	0.00	45.13	42.92	109	90	86	5
Butylbenzylphthalate	94	1	0	50	45	157	40	53.72	0.00	46.33	41.96	107	93	84	9.9

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: SMB4418
Blank Data File: 9M23340.D
Matrix: Soil

Blank Analysis Date: 02/17/10 15:44
Blank Extraction Date: 02/17/10
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC49760-001(MSD	9M23361.D	02/18/10 11:13
SMB4418(MS)	9M23358.D	02/18/10 10:04
AC49760-001	9M23359.D	02/18/10 10:27
AC49760-001(MS)	9M23360.D	02/18/10 10:49

FORM 4
Blank Summary

Blank Number: SMB4428
Blank Data File: 5M55835.D
Matrix: Soil

Blank Analysis Date: 03/02/10 09:16
Blank Extraction Date: 03/01/10
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC50034-003	5M55842.D	03/02/10 11:51
SMB4428(MS)	5M55836.D	03/02/10 09:38

FORM 4
Blank Summary

Blank Number: SMB4428
Blank Data File: 9M23509.D
Matrix: Soil

Blank Analysis Date: 03/02/10 12:52
Blank Extraction Date: 03/01/10
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC50034-001(2X)	9M23513.D	03/02/10 14:22
AC50034-002	9M23514.D	03/02/10 14:45
AC50034-004(2X)	9M23511.D	03/02/10 13:37
AC50034-005(2X)	9M23512.D	03/02/10 13:59

FORM 4
Blank Summary

Blank Number: SMB4429
Blank Data File: 9M23510.D
Matrix: Soil

Blank Analysis Date: 03/02/10 13:14
Blank Extraction Date: 03/02/10
(If Applicable)
Method: EPA 8270C

Sample Number	Data File	Analysis Date
AC50034-006(2X)	9M23517.D	03/02/10 16:19
AC50034-007(10X)	9M23547.D	03/03/10 18:11
AC50034-008(2X)	9M23521.D	03/02/10 17:50
AC49957-006	5M55852.D	03/02/10 15:34
SMB4429(MS)	5M55847.D	03/02/10 13:42
AC49957-006(MSD)	5M55854.D	03/02/10 16:19
AC49957-006(MS)	5M55853.D	03/02/10 15:57

Form 5

Tune Name: CAL DFTPP

Data File: 9M22850.D

Instrument: GCMS 9

Analysis Date: 01/25/10 09:54

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.590 to 9.611 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	56.6	9383	PASS
68	69	0.00	2	1.8	178	PASS
69	198	0.00	100	60.0	9944	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.3	8989	PASS
197	198	0.00	1	0.4	58	PASS
198	198	100	100	100.0	16566	PASS
199	198	5	9	6.3	1040	PASS
275	198	10	30	23.3	3863	PASS
365	198	1	100	2.4	398	PASS
441	443	0.01	100	67.4	977	PASS
442	198	40	100	45.4	7526	PASS
443	442	17	23	19.2	1448	PASS

Data File	Sample Number	Analysis Date:
9M22851.D	CAL BNA@50PPM	01/25/10 10:18
9M22852.D	CAL BNA@2PPM	01/25/10 10:43
9M22853.D	CAL BNA@10PPM	01/25/10 11:07
9M22854.D	CAL BNA@20PPM	01/25/10 11:30
9M22855.D	CAL BNA@80PPM	01/25/10 11:54
9M22856.D	CAL BNA@120PP	01/25/10 12:17
9M22857.D	CAL BNA@160PP	01/25/10 12:41
9M22858.D	CAL BNA@196PP	01/25/10 13:05
9M22859.D	ICV BNA@50PPM	01/25/10 13:32
9M22860.D	WMB4387	01/25/10 14:06
9M22861.D	WMB4387(MS)	01/25/10 14:29
9M22862.D	WMB4385	01/25/10 14:53
9M22863.D	SMB4395	01/25/10 15:16
9M22864.D	SMB4396	01/25/10 15:40
9M22865.D	SMB4396(MS)	01/25/10 16:03
9M22866.D	AC49402-001	01/25/10 16:27
9M22867.D	AC49402-001(3X)	01/25/10 16:50
9M22868.D	AC49402-001(3X)	01/25/10 17:14
9M22869.D	AC49402-001(3X)	01/25/10 17:37
9M22870.D	AC49470-016	01/25/10 18:01
9M22871.D	AC49470-018	01/25/10 18:24
9M22872.D	AC49470-023	01/25/10 18:48
9M22873.D	AC49470-027	01/25/10 19:11
9M22874.D	AC49470-030	01/25/10 19:35
9M22875.D	AC49470-038	01/25/10 19:58
9M22876.D	AC49470-040	01/25/10 20:21
9M22877.D	AC49470-041	01/25/10 20:45
9M22878.D	AC49470-003	01/25/10 21:08
9M22879.D	AC49470-004	01/25/10 21:31
9M22880.D	AC49403-002	01/25/10 21:54
9M22881.D	AC49454-001	01/25/10 22:18
9M22882.D	AC49454-002	01/25/10 22:41
9M22883.D	AC49454-003	01/25/10 23:04
9M22884.D	AC49454-004	01/25/10 23:27
9M22885.D	AC49454-005	01/25/10 23:50
9M22886.D	AC49490-001	01/26/10 00:13
9M22887.D	AC49490-002	01/26/10 00:36
9M22888.D	AC49490-004	01/26/10 00:59
9M22889.D	AC49490-005	01/26/10 01:23
9M22890.D	AC49490-006	01/26/10 01:46
9M22891.D	MECL2 TEST-H50	01/26/10 02:09

Form 5

Tune Name: CAL DFTPP

Data File: 9M23324.D

Instrument: GCMS 9

Analysis Date: 02/17/10 09:19

Method: EPA 8270C

Tune Scan/Time Range: Scan 1365

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	59.0	7249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	65.9	8097	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	5963	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12296	PASS
199	198	5	9	5.5	680	PASS
275	198	10	30	26.8	3298	PASS
365	198	1	100	3.7	460	PASS
441	443	0.01	100	87.8	1002	PASS
442	198	40	100	49.5	6083	PASS
443	442	17	23	18.8	1141	PASS

Data File	Sample Number	Analysis Date:
9M23325.D	CAL BNA@50PPM	02/17/10 09:43
9M23326.D	BNA@50PPM	02/17/10 10:06
9M23327.D	OMB1348	02/17/10 10:29
9M23328.D	OMB1348(MS)	02/17/10 10:52
9M23329.D	AC49714-009	02/17/10 11:15
9M23330.D	AC49714-010	02/17/10 11:38
9M23331.D	AC49714-012	02/17/10 12:01
9M23332.D	AC49734-004	02/17/10 12:24
9M23333.D	AC49734-014	02/17/10 12:47
9M23334.D	AC49734-015	02/17/10 13:10
9M23335.D	AC49734-016	02/17/10 13:32
9M23336.D	AC49750-006(5X)	02/17/10 13:55
9M23337.D	AC49741-011(3X)	02/17/10 14:18
9M23338.D	SMB4417(MS)	02/17/10 14:59
9M23339.D	SMB4417	02/17/10 15:21
9M23340.D	SMB4418	02/17/10 15:44
9M23341.D	AC49773-020	02/17/10 16:07
9M23342.D	AC49773-021(MS:	02/17/10 16:30
9M23343.D	AC49773-030(MSD	02/17/10 16:52
9M23344.D	AC49741-019	02/17/10 17:15
9M23345.D	AC49741-020	02/17/10 17:38
9M23346.D	AC49741-021	02/17/10 18:01
9M23347.D	AC49741-022	02/17/10 18:24
9M23348.D	AC49741-026(2X)	02/17/10 18:46
9M23349.D	AC49741-027	02/17/10 19:09
9M23350.D	AC49741-029	02/17/10 19:32
9M23351.D	AC49741-030(2X)	02/17/10 19:54
9M23352.D	AC49741-031(2X)	02/17/10 20:17
9M23353.D	AC49773-022	02/17/10 20:40
9M23354.D	AC49773-023	02/17/10 21:03

Form 5

Tune Name: CAL DFTPP

Data File: 9M23356.D

Instrument: GCMS 9

Analysis Date: 02/18/10 09:18

Method: EPA 8270C

Tune Scan/Time Range: Scan 1364

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.0	6917	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.4	6351	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.2	5714	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12359	PASS
199	198	5	9	7.2	886	PASS
275	198	10	30	27.7	3419	PASS
365	198	1	100	2.3	287	PASS
441	443	0.01	100	87.0	980	PASS
442	198	40	100	52.9	6543	PASS
443	442	17	23	17.2	1126	PASS

Data File	Sample Number	Analysis Date:
9M23357.D	CAL BNA@50PPM	02/18/10 09:41
9M23358.D	SMB4418(MS)	02/18/10 10:04
9M23359.D	AC49760-001	02/18/10 10:27
9M23360.D	AC49760-001(MS)	02/18/10 10:49
9M23361.D	AC49760-001(MSD)	02/18/10 11:13
9M23362.D	AC49760-003	02/18/10 11:36
9M23363.D	AC49741-026(10X)	02/18/10 11:59
9M23364.D	AC49773-024(3X)	02/18/10 12:22
9M23365.D	SMB4419	02/18/10 12:45
9M23366.D	TEST	02/18/10 13:10
9M23367.D	AC49847-014	02/18/10 13:33
9M23368.D	SMB4419	02/18/10 14:42
9M23369.D	AC49776-003(5X)	02/18/10 15:05
9M23370.D	AC49776-016	02/18/10 15:28
9M23371.D	SMB4420	02/18/10 15:51
9M23372.D	AC49847-008	02/18/10 16:52
9M23373.D	AC49847-010(2X)	02/18/10 17:14
9M23374.D	AC49847-004(2X)	02/18/10 17:37
9M23375.D	AC49847-002(2X)	02/18/10 18:00
9M23376.D	AC49847-006(3X)	02/18/10 18:23
9M23377.D	AC49774-011(3X)	02/18/10 18:46
9M23378.D	AC49774-006(3X)	02/18/10 19:08
9M23379.D	AC49774-005(3X)	02/18/10 19:31
9M23380.D	AC49774-004(3X)	02/18/10 19:54
9M23381.D	AC49774-007(2X)	02/18/10 20:17

Form 5

Tune Name: CAL DFTPP

Data File: 5M55791.D

Instrument: GCMS 5

Analysis Date: 03/01/10 08:13

Method: EPA 8270C

Tune Scan/Time Range: Average of 10.028 to 10.044 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	33.7	15485	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.5	17675	PASS
70	69	0.00	2	0.6	104	PASS
127	198	40	60	47.6	21889	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	45963	PASS
199	198	5	9	6.7	3094	PASS
275	198	10	30	20.4	9380	PASS
365	198	1	100	1.9	877	PASS
441	443	0.01	100	83.2	3470	PASS
442	198	40	100	47.3	21730	PASS
443	442	17	23	19.2	4170	PASS

Data File	Sample Number	Analysis Date:
5M55792.D	CAL BNA@50PPM	03/01/10 08:37
5M55793.D	CAL BNA@50PPM	03/01/10 09:02
5M55794.D	CAL BNA@2PPM	03/01/10 09:27
5M55795.D	CAL BNA@10PPM	03/01/10 09:49
5M55796.D	CAL BNA@20PPM	03/01/10 10:11
5M55797.D	CAL BNA@80PPM	03/01/10 10:57
5M55798.D	CAL BNA@120PP	03/01/10 11:19
5M55799.D	CAL BNA@160PP	03/01/10 11:41
5M55800.D	CAL BNA@196PP	03/01/10 12:04
5M55801.D	CAL BNA@20PPM	03/01/10 12:34
5M55802.D	CAL BNA@10PPM	03/01/10 13:17
5M55803.D	CAL BNA@50PPM	03/01/10 13:39
5M55804.D	CAL BNA@80PPM	03/01/10 14:29
5M55805.D	ICV BNA@50PPM	03/01/10 14:51

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	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	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: SM55832.D

Instrument: GCMS 5

Analysis Date: 03/02/10 08:09

Method: EPA 8270C

Tune Scan/Time Range: Average of 10.002 to 10.018 min

Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	35.5	15970	PASS
68	69	0.00	2	1.2	217	PASS
69	198	0.00	100	40.4	18148	PASS
70	69	0.00	2	0.5	100	PASS
127	198	40	60	50.1	22520	PASS
197	198	0.00	1	0.1	38	PASS
198	198	100	100	100.0	44974	PASS
199	198	5	9	6.8	3076	PASS
275	198	10	30	19.8	8919	PASS
365	198	1	100	1.8	796	PASS
441	443	0.01	100	81.4	3000	PASS
442	198	40	100	42.5	19129	PASS
443	442	17	23	19.3	3687	PASS

Data File	Sample Number	Analysis Date:
5M55833.D	BNA@50PPM	03/02/10 08:32
5M55834.D	CAL BNA@50PPM	03/02/10 08:54
5M55835.D	SMB4428	03/02/10 09:16
5M55836.D	SMB4428(MS)	03/02/10 09:38
5M55837.D	AC49985-001	03/02/10 10:00
5M55838.D	AC49985-002	03/02/10 10:22
5M55839.D	AC49985-003	03/02/10 10:44
5M55840.D	AC49985-004	03/02/10 11:06
5M55841.D	AC49985-005(3X)	03/02/10 11:29
5M55842.D	AC50034-003	03/02/10 11:51
5M55843.D	MBS4429-2	03/02/10 12:14
5M55844.D	MBS-3	03/02/10 12:36
5M55845.D	MBS-4	03/02/10 12:58
5M55846.D	AC49985-005(2X)	03/02/10 13:20
5M55847.D	SMB4429(MS)	03/02/10 13:42
5M55848.D	SMB4429	03/02/10 14:05
5M55849.D	AC50025-001(T)	03/02/10 14:27
5M55850.D	WMB4425	03/02/10 14:49
5M55851.D	EF-2 V-81870	03/02/10 15:11
5M55852.D	AC49957-006	03/02/10 15:34
5M55853.D	AC49957-006(MS)	03/02/10 15:57
5M55854.D	AC49957-006(MSD)	03/02/10 16:19
5M55855.D	AC49957-004	03/02/10 16:41
5M55856.D	TEST	03/02/10 17:04
5M55857.D	AC50032-002	03/02/10 17:26
5M55858.D	AC50054-001	03/02/10 17:48
5M55859.D	AC50054-002	03/02/10 18:10

Form 5

Tune Name: CAL DFTPP

Data File: 9M23498.D

Instrument: GCMS 9

Analysis Date: 03/02/10 08:16

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.347 to 9.357 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	39.8	8249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	47.7	9889	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	52.9	10965	PASS
197	198	0.00	1	0.4	88	PASS
198	198	100	100	100.0	20746	PASS
199	198	5	9	5.7	1185	PASS
275	198	10	30	26.2	5434	PASS
365	198	1	100	4.4	921	PASS
441	443	0.01	100	85.0	1699	PASS
442	198	40	100	46.4	9630	PASS
443	442	17	23	20.8	1999	PASS

Data File	Sample Number	Analysis Date:
9M23499.D	CAL BNA@50PPM	03/02/10 09:06
9M23500.D	AC49987-026	03/02/10 09:29
9M23501.D	AC49987-030	03/02/10 09:52
9M23502.D	AC49987-029(3X)	03/02/10 10:14
9M23503.D	AC50048-002(60X)	03/02/10 10:37
9M23504.D	AC50049-002(60X)	03/02/10 10:59
9M23505.D	AC50049-003(60X)	03/02/10 11:22
9M23506.D	AC50049-004(60X)	03/02/10 11:44
9M23507.D	AC50034-001(3X)	03/02/10 12:07
9M23508.D	AC50034-002(3X)	03/02/10 12:29
9M23509.D	SMB4428	03/02/10 12:52
9M23510.D	SMB4429	03/02/10 13:14
9M23511.D	AC50034-004(2X)	03/02/10 13:37
9M23512.D	AC50034-005(2X)	03/02/10 13:59
9M23513.D	AC50034-001(2X)	03/02/10 14:22
9M23514.D	AC50034-002	03/02/10 14:45
9M23515.D	AC49935-001	03/02/10 15:34
9M23516.D	AC49935-012(3X)	03/02/10 15:57
9M23517.D	AC50034-006(2X)	03/02/10 16:19
9M23518.D	AC50034-007	03/02/10 16:42
9M23519.D	AC49935-001(5X)	03/02/10 17:05
9M23520.D	AC50034-007(20X)	03/02/10 17:27
9M23521.D	AC50034-008(2X)	03/02/10 17:50
9M23522.D	TEST	03/02/10 18:13
9M23523.D	TEST	03/02/10 18:36
9M23524.D	TEST	03/02/10 18:59

Form 5

Tune Name: CAL DFTPP

Data File: 9M23525.D

Instrument: GCMS 9

Analysis Date: 03/03/10 09:01

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.347 to 9.357 min

Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	38.0	6659	PASS
68	69	0.00	2	1.9	140	PASS
69	198	0.00	100	42.3	7406	PASS
70	69	0.00	2	0.7	51	PASS
127	198	40	60	52.7	9223	PASS
197	198	0.00	1	0.7	123	PASS
198	198	100	100	100.0	17516	PASS
199	198	5	9	6.2	1090	PASS
275	198	10	30	27.8	4861	PASS
365	198	1	100	3.3	573	PASS
441	443	0.01	100	66.1	1530	PASS
442	198	40	100	66.3	11621	PASS
443	442	17	23	19.9	2313	PASS

Data File	Sample Number	Analysis Date:
9M23526.D	CAL BNA@50PPM	03/03/10 10:11
9M23527.D	SMB4430	03/03/10 10:34
9M23528.D	AC50047-001(2X)	03/03/10 10:56
9M23529.D	AC50047-003	03/03/10 11:19
9M23530.D	AC50047-004	03/03/10 11:42
9M23531.D	WMB4425	03/03/10 12:05
9M23532.D	AC50057-001	03/03/10 12:28
9M23533.D	AC50047-005	03/03/10 12:50
9M23534.D	AC50047-013	03/03/10 13:13
9M23535.D	AC50047-015	03/03/10 13:36
9M23536.D	AC50047-016	03/03/10 13:59
9M23537.D	SMB4431	03/03/10 14:21
9M23538.D	WMB4425	03/03/10 14:44
9M23539.D	WMB4426	03/03/10 15:07
9M23540.D	AC50047-011	03/03/10 15:30
9M23541.D	AC50047-009(3X)	03/03/10 15:52
9M23542.D	AC50047-007(2X)	03/03/10 16:15
9M23543.D	AC50012-007(5X)	03/03/10 16:40
9M23544.D	AC50018-003(5X)	03/03/10 17:03
9M23545.D	AC50047-014	03/03/10 17:25
9M23546.D	AC50034-007(5X)	03/03/10 17:48
9M23547.D	AC50034-007(10X)	03/03/10 18:11
9M23548.D	AC50012-009(10X)	03/03/10 18:34
9M23549.D	AC50012-010(10X)	03/03/10 18:57
9M23550.D	AC50012-007(15X)	03/03/10 19:19
9M23551.D	AC50047-009(2X)	03/03/10 19:42
9M23552.D	AC50075-004(2X)	03/03/10 20:05
9M23553.D	TEST	03/03/10 20:28
9M23554.D	TEST	03/03/10 20:50
9M23555.D	TEST	03/03/10 21:13

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M22851.D

Method: EPA 8270C

Analysis Date/Time: 01/25/10 10:18

Lab File ID: CAL BNA@50PPM

Eval File Area/RT:	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
	21080	5.47	82204	6.49	44346	7.87	75425	9.30	68040	12.33	71146	13.93
Eval File Area Limit:	10540-42160		41102-164408		22173-88692		37712-150850		34020-136080		35573-142292	
Eval File Rt Limit:	4.97-5.97		5.99-6.99		7.37-8.37		8.8-9.8		11.83-12.83		13.43-14.43	

Data File Sample

9M22851.D CAL BNA@5C	21080	5.47	82204	6.49	44346	7.87	75425	9.30	68040	12.33	71146	13.93
9M22852.D CAL BNA@2F	18200	5.47	73547	6.48	41429	7.87	70218	9.30	63794	12.32	69931	13.93
9M22853.D CAL BNA@1C	20036	5.47	81108	6.48	44129	7.87	73807	9.29	66205	12.32	70504	13.93
9M22854.D CAL BNA@2C	41194	5.47	154779	6.49	87022	7.87	141782	9.30	127550	12.33	134179	13.93
9M22855.D CAL BNA@8C	21163	5.47	80620	6.49	45826	7.87	71733	9.30	61909	12.33	67437	13.93
9M22856.D CAL BNA@12	19364	5.47	74226	6.49	41171	7.87	66425	9.30	57283	12.33	60016	13.93
9M22857.D CAL BNA@16	21160	5.47	79020	6.49	44998	7.87	72830	9.30	61162	12.34	64909	13.93
9M22858.D CAL BNA@15	20680	5.47	79018	6.49	44170	7.87	72679	9.30	60845	12.34	64205	13.93
9M22859.D ICV BNA@50	18696	5.47	74121	6.49	40845	7.87	66914	9.30	62818	12.33	65160	13.93
9M22860.D WMB4387	16883	5.47	65154	6.49	37815	7.87	62312	9.30	56124	12.33	58438	13.93
9M22861.D WMB4387(MS	19301	5.47	72271	6.49	40020	7.87	64914	9.30	57049	12.33	57470	13.93
9M22862.D WMB4385	21278	5.47	80711	6.48	47513	7.87	76284	9.29	71149	12.32	74288	13.93
9M22863.D SMB4395	17869	5.47	68950	6.48	40187	7.87	65676	9.29	57731	12.32	60634	13.93
9M22864.D SMB4396	21251	5.47	83710	6.48	48179	7.87	79161	9.29	66444	12.32	67228	13.93
9M22865.D SMB4396(MS	16880	5.47	70314	6.48	42840	7.87	78759	9.29	79345	12.32	82777	13.93
9M22866.D AC49402-001	19130	5.47	59170	6.49	37377	7.87	56529	9.30	51640	12.33	56412	13.93
9M22867.D AC49402-001	18171	5.47	66086	6.49	37604	7.87	60597	9.30	58098	12.33	64302	13.93
9M22868.D AC49402-001	18728	5.47	66942	6.49	41053	7.87	67107	9.30	62129	12.33	64291	13.93
9M22869.D AC49402-001	15500	5.47	61598	6.49	38666	7.87	66798	9.30	68920	12.33	77238	13.93
9M22870.D AC49470-016	19207	5.47	74130	6.48	42336	7.86	69775	9.29	61941	12.32	64957	13.93
9M22871.D AC49470-018	18298	5.47	72506	6.48	41270	7.86	68485	9.29	61225	12.32	65004	13.93
9M22872.D AC49470-023	20283	5.47	77452	6.48	45160	7.87	77548	9.29	62952	12.32	62501	13.93
9M22873.D AC49470-027	18191	5.47	78905	6.48	46799	7.86	84599	9.29	82500	12.32	77927	13.93
9M22874.D AC49470-030	17496	5.47	72598	6.49	49280	7.87	85187	9.30	80153	12.33	72983	13.93
9M22875.D AC49470-038	16130	5.47	68514	6.48	41586	7.87	74638	9.30	75713	12.33	71360	13.93
9M22876.D AC49470-040	18499	5.47	73700	6.48	41733	7.87	70645	9.29	63102	12.32	63569	13.93
9M22877.D AC49470-041	17730	5.47	68615	6.48	38376	7.87	63218	9.29	55817	12.32	57992	13.93
9M22878.D AC49470-003	19327	5.47	75924	6.48	41218	7.86	68081	9.29	56464	12.32	59261	13.93
9M22879.D AC49470-004	20595	5.47	80327	6.48	45941	7.86	73514	9.29	60860	12.32	62335	13.93
9M22880.D AC49403-002	16859	5.47	62205	6.49	37039	7.88	63872	9.32	68494	12.33	64432	13.93
9M22891.D MECL2 TEST	18163	5.47	73506	6.48	41845	7.86	66818	9.29	59876	12.32	60731	13.93

I1 = 1,4-Dichlorobenzene-d4
I2 = Nanththalene-d8
I3 = Acenanththene-d10

I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Pervlene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23325.D

Method: EPA 8270C

Analysis Date/Time: 02/17/10 09:43

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:	11940	5.38	45660	6.40	24917	7.77	41130	9.18	36586	12.20	39812	13.81
Eval File Area Limit:	5970-23880		22830-91320		12458-49834		20565-82260		18293-73172		19906-79624	
Eval File Rt Limit:	4.88-5.88		5.9-6.9		7.27-8.27		8.68-9.68		11.7-12.7		13.31-14.31	

Data File Sample

9M23326.D	BNA@50PPM	11868	5.38	46415	6.40	25591	7.77	43348	9.18	40901	12.20	43342	13.80
9M23327.D	OMB1348	10947	5.38	42652	6.40	24999	7.77	40861	9.18	37251	12.20	42690	13.80
9M23328.D	OMB1348/MS	11413	5.38	45902	6.40	27384	7.77	45206	9.18	42976	12.20	48626	13.80
9M23329.D	AC49714-009	10674	5.38	44384	6.40	24179	7.77	40997	9.18	36648	12.20	40740	13.80
9M23330.D	AC49714-010	13365	5.38	52220	6.40	30397	7.77	47735	9.18	45024	12.20	50798	13.80
9M23331.D	AC49714-012	13823	5.38	54323	6.40	29589	7.77	44317	9.18	30859	12.22	33134	13.83
9M23332.D	AC49734-004	8368	5.38	32249	6.40	17937	7.77	29011	9.18	24013	12.20	24122	13.80
9M23333.D	AC49734-014	9010	5.38	37720	6.40	22391	7.77	34530	9.18	32325	12.20	32270	13.80
9M23334.D	AC49734-015	8826	5.38	33641	6.40	19278	7.77	31083	9.18	28244	12.20	27000	13.80
9M23335.D	AC49734-016	11328	5.38	45021	6.40	25889	7.77	42722	9.18	37823	12.20	39644	13.80
9M23336.D	AC49750-006	13518	5.38	48810	6.40	28074	7.77	44371	9.18	41561	12.20	44725	13.80
9M23337.D	AC49741-011	15158	5.38	60364	6.40	33818	7.77	55915	9.18	45428	12.20	47505	13.81
9M23338.D	SMB4417/MS	11586	5.38	46458	6.40	25344	7.77	41136	9.18	32393	12.20	33803	13.81
9M23339.D	SMB4417	12238	5.38	48032	6.40	27807	7.77	43572	9.18	37318	12.20	37411	13.80
9M23340.D	SMB4418	15193	5.38	61245	6.40	35759	7.77	57175	9.18	46333	12.20	45268	13.80
9M23341.D	AC49773-020	14597	5.38	60684	6.40	34573	7.77	54331	9.18	43849	12.20	45397	13.80
9M23342.D	AC49773-021	14836	5.38	60486	6.40	33703	7.77	53683	9.18	42707	12.20	44324	13.80
9M23343.D	AC49773-030	11863	5.38	47952	6.40	28237	7.77	45951	9.18	35682	12.20	37595	13.80
9M23344.D	AC49741-019	13532	5.38	53533	6.40	29695	7.77	46617	9.18	38079	12.21	43168	13.81
9M23345.D	AC49741-020	16105	5.38	60738	6.40	33334	7.77	49976	9.18	37705	12.21	43986	13.81
9M23346.D	AC49741-021	12079	5.38	46830	6.40	26280	7.77	40219	9.18	29626	12.21	33518	13.81
9M23347.D	AC49741-022	14079	5.38	54130	6.40	30927	7.77	46929	9.18	36694	12.20	39505	13.81
9M23348.D	AC49741-026	10989	5.38	44096	6.40	25762	7.77	38519	9.18	29387	12.22	33879	13.82
9M23349.D	AC49741-027	13600	5.38	54893	6.40	31742	7.77	49534	9.18	35471	12.21	39701	13.81
9M23350.D	AC49741-029	14889	5.38	59443	6.40	33570	7.77	53891	9.18	40657	12.21	46361	13.81
9M23351.D	AC49741-030	13734	5.38	54087	6.40	31209	7.77	49891	9.18	36572	12.21	40294	13.81
9M23352.D	AC49741-031	12899	5.38	52522	6.40	29047	7.77	47856	9.18	35110	12.22	38835	13.82
9M23353.D	AC49773-022	10126	5.38	41852	6.40	24684	7.77	36470	9.18	27349	12.20	29287	13.81
9M23354.D	AC49773-023	11710	5.38	45057	6.40	25204	7.77	40283	9.18	30575	12.21	32876	13.81

I1 = 1,4-Dichlorobenzene-d4
 I2 = Naphthalene-d8
 I3 = Acenaphthene-d10

I4 = Phenanthrene-d10
 I5 = Chrysene-d12
 I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23357.D

Method: EPA 8270C

Analysis Date/Time: 02/18/10 09:41

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:	12697	5.37	50293	6.39	28744	7.76	47751	9.17	44827	12.20	51011	13.80
Eval File Area Limit:	6348-25394		25146-100586		14372-57488		23876-95502		22414-89654		25506-102022	
Eval File Rt Limit:	4.87-5.87		5.89-6.89		7.26-8.26		8.67-9.67		11.7-12.7		13.3-14.3	

Data File Sample

9M23358.D	SMB4418/MS	16268	5.37	61895	6.39	35120	7.76	55469	9.17	50407	12.19	55425	13.80
9M23359.D	AC49760-001	8092	5.38	32615	6.40	24500	7.76	45631	9.17	43181	12.20	42626	13.81
9M23360.D	AC49760-001	9009	5.37	34966	6.40	25259	7.76	48382	9.17	47552	12.20	51400	13.81
9M23361.D	AC49760-001	9799	5.38	39242	6.40	27817	7.76	52248	9.17	50020	12.20	48061	13.81
9M23362.D	AC49760-003	8789	5.37	39089	6.39	26119	7.76	47823	9.17	44423	12.21	41410	13.82
9M23363.D	AC49741-026	12941	5.37	49363	6.39	30786	7.76	52509	9.18	43527	12.20	42530	13.80
9M23364.D	AC49773-024	12240	5.37	52434	6.39	31421	7.76	56519	9.17	48716	12.20	44094	13.80
9M23365.D	SMB4419	5866 A	5.37	29900	6.39	19886	7.76	40628	9.17	45446	12.19	51446	13.80
9M23366.D	TEST	8221	5.37	39789	6.39	27724	7.76	51015	9.17	54797	12.20	57182	13.80
9M23367.D	AC49847-014	10782	5.37	46228	6.39	29691	7.76	54804	9.17	53875	12.20	51344	13.80
9M23368.D	SMB4419	8912	5.37	39143	6.39	26361	7.76	51156	9.17	55214	12.19	58593	13.80
9M23369.D	AC49776-003	8845	5.37	34423	6.39	24094	7.77	39632	9.18	41522	12.20	46230	13.80
9M23370.D	AC49776-016	9719	5.37	37911	6.40	26522	7.77	46799	9.19	53719	12.20	60030	13.80
9M23371.D	SMB4420	10537	5.37	44777	6.39	28921	7.75	52849	9.17	54234	12.19	52999	13.80
9M23372.D	AC49847-008	8572	5.37	38784	6.39	26070	7.76	50956	9.17	49860	12.20	56484	13.80
9M23373.D	AC49847-010	10166	5.37	48750	6.39	31334	7.75	57758	9.17	54811	12.19	52491	13.80
9M23374.D	AC49847-004	10838	5.37	48950	6.39	32832	7.76	61167	9.17	56654	12.19	52271	13.80
9M23375.D	AC49847-002	13270	5.37	51869	6.39	31231	7.76	54457	9.17	45573	12.20	49138	13.80
9M23376.D	AC49847-006	11183	5.37	48158	6.39	31619	7.76	60604	9.17	47246	12.20	44792	13.82
9M23377.D	AC49774-011	13710	5.37	62603	6.39	40234	7.76	68298	9.17	50441	12.20	49375	13.81
9M23378.D	AC49774-006	11597	5.37	53389	6.39	36312	7.76	63618	9.17	52075	12.20	49681	13.80
9M23379.D	AC49774-005	13136	5.37	59147	6.39	39084	7.76	67534	9.17	52697	12.20	50357	13.80
9M23380.D	AC49774-004	14589	5.37	65586	6.39	41261	7.76	69549	9.17	49617	12.20	47077	13.80
9M23381.D	AC49774-007	13874	5.37	54511	6.39	32278	7.76	52667	9.17	44821	12.20	48560	13.80

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenanthrene-d10

I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

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

Eval File Area/RT:	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@1E	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
I2 = Nanththalene-d8
I3 = Acenaphthene-d10

I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8**Internal Standard Areas**

Evaluation Std Data File: 5M55803.D

Method: EPA 8270C

Analysis Date/Time: 03/01/10 13:39

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:	50691	5.80	201082	6.81	114396	8.25	214251	9.71	178915	12.78	182794	14.40
Eval File Area Limit:	25346-101382		100541-402164		57198-228792		107126-428502		89458-357830		91397-365588	
Eval File Rt Limit:	5.3-6.3		6.31-7.31		7.75-8.75		9.21-10.21		12.28-13.28		13.9-14.9	

Data File Sample

5M55794.D CAL BNA@2F	44122	5.82	170878	6.83	96068	8.27	171634	9.74	157885	12.81	157771	14.44
5M55798.D CAL BNA@12	46409	5.82	189086	6.83	110244	8.27	212970	9.74	164776	12.81	178620	14.44
5M55799.D CAL BNA@1E	44825	5.82	181058	6.84	107183	8.27	205100	9.74	155505	12.81	166069	14.44
5M55800.D CAL BNA@1S	43501	5.82	175337	6.84	103098	8.27	191633	9.74	144088	12.82	157967	14.44
5M55801.D CAL BNA@2C	51094	5.80	188775	6.82	102955	8.25	185259	9.71	163728	12.78	164954	14.40
5M55802.D CAL BNA@1C	55466	5.80	206969	6.82	113557	8.25	206411	9.72	180798	12.78	180146	14.41
5M55803.D CAL BNA@5C	50691	5.80	201082	6.81	114396	8.25	214251	9.71	178915	12.78	182794	14.40
5M55804.D CAL BNA@8C	51398	5.80	203168	6.82	117274	8.25	216894	9.71	172706	12.78	179788	14.41
5M55805.D ICV BNA@50	48503	5.80	189328	6.81	108239	8.25	198535	9.71	170922	12.78	166405	14.40

I1 = 1,4-Dichlorobenzene-d4
 I2 = Naphthalene-d8
 I3 = Acenanthrene-d10

I4 = Phenanthrene-d10
 I5 = Chrysene-d12
 I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23499.D

Method: EPA 8270C

Analysis Date/Time: 03/02/10 09:06

Lab File ID: CAL BNA@50PPM

Eval File Area/RT:	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area Limit:	21747	5.26	81369	6.29	47724	7.64	82242	9.04	72622	12.05	77574	13.64
Eval File Rt Limit:	10874-43494		40684-162738		23862-95448		41121-164484		36311-145244		38787-155148	
	4.76-5.76		5.79-6.79		7.14-8.139999		8.54-9.54		11.55-12.55		13.14-14.14	

Data File	Sample												
9M23500.D	AC49987-026	29298	5.26	103820	6.28	52121	7.64	67629	9.05	55149	12.15	77793	13.75
9M23501.D	AC49987-030	32550	5.27	113395	6.29	55389	7.64	74811	9.05	57804	12.15	83604	13.75
9M23502.D	AC49987-029	32228	5.27	125667	6.29	75585	7.64	128872	9.04	109688	12.05	97437	13.65
9M23503.D	AC50048-002	29006	5.26	112755	6.29	62823	7.64	109705	9.04	93602	12.05	93848	13.65
9M23504.D	AC50049-002	26533	5.26	100691	6.29	59029	7.63	97757	9.04	80889	12.04	80603	13.64
9M23505.D	AC50049-003	31739	5.26	123896	6.29	71858	7.63	117225	9.04	101624	12.04	95880	13.64
9M23506.D	AC50049-004	24362	5.26	100418	6.29	55551	7.64	94146	9.04	80944	12.04	78544	13.64
9M23507.D	AC50034-001	24599	5.26	99190	6.28	59316	7.64	93687	9.04	72746	12.05	70167	13.65
9M23508.D	AC50034-002	20578	5.26	80753	6.28	47089	7.63	74562	9.03	61213	12.04	58242	13.64
9M23509.D	SMB4428	22527	5.27	84162	6.28	48604	7.63	77762	9.03	63975	12.04	65191	13.64
9M23510.D	SMB4429	26506	5.27	107177	6.28	60405	7.64	92652	9.03	71374	12.04	73031	13.64
9M23511.D	AC50034-004	23945	5.26	93339	6.28	55546	7.63	91038	9.03	68155	12.05	65350	13.65
9M23512.D	AC50034-005	24234	5.26	91166	6.28	52382	7.64	81759	9.04	63106	12.05	70599	13.65
9M23513.D	AC50034-001	22923	5.27	85532	6.29	46415	7.63	74309	9.04	59531	12.05	65249	13.66
9M23514.D	AC50034-002	20428	5.27	75869	6.29	43413	7.63	67218	9.04	56084	12.05	58924	13.65
9M23515.D	AC49935-001	22920	5.27	72594	6.30	55514	7.68	65296	9.08	71347	12.06	80720	13.65
9M23516.D	AC49935-012	25328	5.27	79343	6.29	49585	7.66	75738	9.07	71270	12.06	81040	13.65
9M23517.D	AC50034-006	26418	5.27	98733	6.29	57419	7.64	88727	9.04	66291	12.05	75296	13.65
9M23518.D	AC50034-007	29349	5.27	105046	6.29	54402	7.64	75943	9.04	77590	12.12	87400	13.68
9M23519.D	AC49935-001	26955	5.27	99655	6.29	54774	7.65	95208	9.05	75447	12.05	76119	13.65
9M23520.D	AC50034-007	23253	5.27	89774	6.29	53097	7.64	83793	9.04	62872	12.05	68803	13.65
9M23521.D	AC50034-008	25976	5.27	100576	6.29	59368	7.64	96083	9.04	69437	12.05	69366	13.66
9M23522.D	TEST	33908	5.27	127410	6.29	72883	7.64	119268	9.04	89406	12.06	94936	13.65
9M23523.D	TEST	31547	5.27	117171	6.29	65431	7.64	105354	9.04	88638	12.05	92252	13.65
9M23524.D	TEST	32632	5.27	121959	6.29	69291	7.64	110210	9.04	79131	12.05	77448	13.65

I1 = 1,4-Dichlorobenzene-d4
 I2 = Naphthalene-d8
 I3 = Acenaphthene-d10

I4 = Phenanthrene-d10
 I5 = Chrysene-d12
 I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
 624/8260 Internal Standard concentration = 30ug/L
 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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 5M55834.D

Method: EPA 8270C

Analysis Date/Time: 03/02/10 08:54

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:	45947	5.80	180478	6.81	102344	8.25	192575	9.71	162479	12.78	166443	14.40
Eval File Area Limit:	22974-91894		90239-360956		51172-204688		96288-385150		81240-324958		83222-332886	
Eval File Rt Limit:	5.3-6.3		6.31-7.31		7.75-8.75		9.21-10.21		12.28-13.28		13.9-14.9	

Data File Sample

5M55833.D BNA@50PPM	43898	5.80	175072	6.81	101255	8.25	188584	9.71	160512	12.78	160258	14.40
5M55835.D SMB4428	46541	5.80	185115	6.81	109335	8.24	194410	9.71	156095	12.77	138213	14.40
5M55836.D SMB4428(MS)	44592	5.80	174737	6.81	106500	8.24	184028	9.71	153725	12.77	142706	14.40
5M55837.D AC49985-001	49805	5.80	200773	6.81	112258	8.24	192460	9.71	140336	12.77	122588	14.40
5M55838.D AC49985-002	47464	5.80	190937	6.81	111421	8.24	195477	9.71	147987	12.77	131585	14.40
5M55839.D AC49985-003	45338	5.80	185638	6.81	107347	8.24	192356	9.71	153827	12.77	135953	14.40
5M55840.D AC49985-004	50404	5.80	197449	6.81	114792	8.24	199623	9.71	155952	12.77	137101	14.40
5M55841.D AC49985-005	48280	5.80	196910	6.81	113646	8.24	201776	9.71	166721	12.77	157970	14.40
5M55842.D AC50034-003	47956	5.80	193885	6.81	109835	8.24	186912	9.71	139566	12.77	129179	14.40
5M55843.D MBS4429-2	52360	5.80	196109	6.81	113787	8.25	196887	9.71	152326	12.78	133711	14.40
5M55844.D MBS-3	49924	5.80	190981	6.81	112514	8.24	199272	9.71	158694	12.77	138885	14.40
5M55845.D MBS-4	49373	5.80	192153	6.81	111655	8.24	196845	9.71	153432	12.77	140273	14.40
5M55846.D AC49985-005	50652	5.80	207047	6.81	118240	8.24	209206	9.71	167885	12.77	155506	14.40
5M55847.D SMB4429(MS)	50992	5.80	201326	6.81	121738	8.24	210968	9.71	169541	12.77	153121	14.40
5M55848.D SMB4429	55432	5.80	219380	6.81	125120	8.24	220943	9.71	174555	12.77	153344	14.40
5M55849.D AC50025-001	46032	5.80	185226	6.81	106156	8.24	191612	9.71	171105	12.77	167654	14.40
5M55850.D WMB4425	47407	5.80	188643	6.81	109497	8.24	195487	9.71	175357	12.77	170431	14.40
5M55851.D EF-2 V-81870	44437	5.80	176251	6.81	99323	8.24	182614	9.71	160363	12.77	158037	14.40
5M55852.D AC49957-006	49993	5.80	164043	6.81	77779	8.25	129593	9.72	136905	12.77	140539	14.40
5M55853.D AC49957-006	48353	5.80	154009	6.81	73706	8.25	123173	9.73	131509	12.77	138976	14.40
5M55854.D AC49957-006	45417	5.80	146703	6.81	72261	8.25	120114	9.73	130900	12.77	138498	14.40
5M55855.D AC49957-004	48846	5.80	142247	6.81	81102	8.25	140337	9.72	132514	12.77	137396	14.40
5M55856.D TEST	55342	5.80	204623	6.81	124158	8.24	235770	9.71	185905	12.78	184296	14.40
5M55859.D AC50054-002	47756	5.80	188101	6.81	107912	8.24	192518	9.71	165597	12.77	160064	14.40

I1 = 1,4-Dichlorobenzene-d4
I2 = Nanththalene-d8
I3 = Acenanththene-d10

I4 = Phenanthrene-d10
I5 = Chrsene-d12
I6 = Pervlene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
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.

Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

FORM8

Internal Standard Areas

Evaluation Std Data File: 9M23526.D

Method: EPA 8270C

Analysis Date/Time: 03/03/10 10:11

Lab File ID: CAL BNA@50PPM

Eval File Area/RT:	I1		I2		I3		I4		I5		I6	
	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT	Area	RT
Eval File Area/RT:	25482	5.26	108000	6.28	60589	7.63	103250	9.03	94050	12.05	108137	13.64
Eval File Area Limit:	12741-50964		54000-216000		30294-121178		51625-206500		47025-188100		54068-216274	
Eval File Rt Limit:	4.76-5.76		5.78-6.78		7.13-8.13		8.53-9.53		11.55-12.55		13.14-14.14	

Data File Sample

9M23527.D SMB4430	29022	5.26	116552	6.28	67962	7.63	116535	9.03	105180	12.04	113559	13.64
9M23528.D AC50047-001	26341	5.26	106308	6.28	62973	7.63	103645	9.03	78686	12.04	84452	13.65
9M23529.D AC50047-003	33265	5.26	122187	6.28	72096	7.64	112497	9.03	89477	12.04	93180	13.64
9M23530.D AC50047-004	29557	5.26	118803	6.28	69089	7.64	111037	9.03	82588	12.05	88763	13.66
9M23531.D WMB4425	26173	5.26	103811	6.28	62393	7.63	107493	9.03	91284	12.04	88956	13.64
9M23533.D AC50047-005	31496	5.26	123145	6.28	69876	7.64	109588	9.03	87380	12.05	92422	13.65
9M23534.D AC50047-013	32003	5.26	129604	6.28	73112	7.63	118775	9.03	90724	12.04	93132	13.65
9M23535.D AC50047-015	32409	5.26	121506	6.28	71787	7.63	110330	9.03	86672	12.04	89064	13.64
9M23536.D AC50047-016	26449	5.26	105211	6.28	59883	7.64	96328	9.03	79465	12.04	85683	13.65
9M23537.D SMB4431	26543	5.26	108383	6.28	59666	7.64	94015	9.03	75019	12.04	80612	13.64
9M23538.D WMB4425	28400	5.26	113522	6.28	66120	7.64	111923	9.03	89739	12.04	93033	13.64
9M23539.D WMB4426	26721	5.26	103978	6.28	62316	7.64	100463	9.03	82971	12.04	84857	13.64
9M23540.D AC50047-011	26975	5.26	108107	6.28	62591	7.63	97336	9.03	73319	12.05	81081	13.66
9M23541.D AC50047-009	26742	5.26	100700	6.28	59820	7.63	98514	9.03	80187	12.04	87252	13.65
9M23542.D AC50047-007	26110	5.26	100302	6.28	60398	7.63	96982	9.03	85693	12.04	90804	13.65
9M23543.D AC50012-007	27293	5.26	95203	6.29	55875	7.65	88608	9.05	76227	12.05	84146	13.65
9M23544.D AC50018-003	23067	5.26	86980	6.28	50468	7.64	87243	9.04	74432	12.04	77403	13.64
9M23545.D AC50047-014	30611	5.26	129775	6.28	77359	7.63	128718	9.03	89902	12.04	90269	13.65
9M23546.D AC50034-007	27290	5.26	111802	6.28	70065	7.63	112455	9.03	83417	12.06	92070	13.65
9M23547.D AC50034-007	25998	5.26	101998	6.28	60465	7.64	99876	9.03	80451	12.05	87375	13.65
9M23548.D AC50012-009	28091	5.26	103087	6.28	61263	7.64	95224	9.04	84972	12.05	90604	13.65
9M23549.D AC50012-010	25672	5.26	96176	6.28	57476	7.64	95462	9.04	81843	12.04	89835	13.64
9M23550.D AC50012-007	25320	5.26	104092	6.28	60214	7.63	98318	9.04	83278	12.04	88944	13.64
9M23551.D AC50047-009	30200	5.26	117014	6.28	67105	7.63	108416	9.03	85807	12.05	94590	13.65
9M23552.D AC50075-004	26475	5.26	109008	6.28	64175	7.64	98557	9.03	77898	12.05	90869	13.65
9M23553.D TEST	27502	5.26	109923	6.28	65870	7.64	103961	9.04	84969	12.05	96904	13.65
9M23554.D TEST	29334	5.26	118349	6.29	67815	7.63	115889	9.04	82780	12.05	88400	13.65
9M23555.D TEST	28756	5.26	113243	6.28	63219	7.64	110088	9.04	90448	12.05	99775	13.65

I1 = 1,4-Dichlorobenzene-d4
I2 = Naphthalene-d8
I3 = Acenaphthene-d10

I4 = Phenanthrene-d10
I5 = Chrysene-d12
I6 = Perylene-d12

625/8270 Internal Standard concentration = 40 mg/L (in final extract)
624/8260 Internal Standard concentration = 30ug/L
524 Internal Standard concentration = 5ug/L

QC Limits:**Internal Standard Areas**

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Retention Times:

Limit = within +/- 0.5 min of internal standard retention time from the 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.

GC/MS Semi-Volatile Data
Sample Data

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-001(2X)

Client Id: PI01-TP-RAM2022210S01

Data File: 9M23513.D

Analysis Date: 03/02/10 14:22

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 68

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.20	U	191-24-2	Benzo[g,h,i]perylene	0.20	0.55
122-66-7	1,2-Diphenylhydrazine	0.20	U	207-08-9	Benzo[k]fluoranthene	0.20	U
95-95-4	2,4,5-Trichlorophenol	0.20	U	65-85-0	Benzoic Acid	0.98	U
88-06-2	2,4,6-Trichlorophenol	0.20	U	111-91-1	bis(2-Chloroethoxy)methan	0.20	U
120-83-2	2,4-Dichlorophenol	0.20	U	111-44-4	bis(2-Chloroethyl)ether	0.20	U
105-67-9	2,4-Dimethylphenol	0.20	U	108-60-1	bis(2-chloroisopropyl)ether	0.20	U
51-28-5	2,4-Dinitrophenol	0.98	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.20	U
121-14-2	2,4-Dinitrotoluene	0.20	U	85-68-7	Butylbenzylphthalate	0.20	U
606-20-2	2,6-Dinitrotoluene	0.20	U	86-74-8	Carbazole	0.20	U
91-58-7	2-Chloronaphthalene	0.20	U	218-01-9	Chrysene	0.20	1.0
95-57-8	2-Chlorophenol	0.20	U	53-70-3	Dibenzo[a,h]anthracene	0.20	U
91-57-6	2-Methylnaphthalene	0.20	U	132-64-9	Dibenzofuran	0.20	U
95-48-7	2-Methylphenol	0.20	U	84-66-2	Diethylphthalate	0.20	U
88-74-4	2-Nitroaniline	0.20	U	131-11-3	Dimethylphthalate	0.20	U
88-75-5	2-Nitrophenol	0.20	U	84-74-2	Di-n-butylphthalate	0.20	U
106-44-5	3&4-Methylphenol	0.20	U	117-84-0	Di-n-octylphthalate	0.20	U
91-94-1	3,3'-Dichlorobenzidine	0.20	U	206-44-0	Fluoranthene	0.20	0.72
99-09-2	3-Nitroaniline	0.20	U	86-73-7	Fluorene	0.20	U
534-52-1	4,6-Dinitro-2-methylphenol	0.98	U	118-74-1	Hexachlorobenzene	0.20	U
101-55-3	4-Bromophenyl-phenylether	0.20	U	87-68-3	Hexachlorobutadiene	0.20	U
59-50-7	4-Chloro-3-methylphenol	0.20	U	77-47-4	Hexachlorocyclopentadiene	0.98	U
106-47-8	4-Chloroaniline	0.20	U	67-72-1	Hexachloroethane	0.20	U
7005-72-3	4-Chlorophenyl-phenylether	0.20	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.20	0.31
100-01-6	4-Nitroaniline	0.20	U	78-59-1	Isophorone	0.20	U
100-02-7	4-Nitrophenol	0.20	U	91-20-3	Naphthalene	0.20	U
83-32-9	Acenaphthene	0.20	U	98-95-3	Nitrobenzene	0.20	U
208-96-8	Acenaphthylene	0.20	U	62-75-9	N-Nitrosodimethylamine	0.20	U
62-53-3	Aniline	0.20	U	621-64-7	N-Nitroso-di-n-propylamine	0.20	U
120-12-7	Anthracene	0.20	0.20	86-30-6	n-Nitrosodiphenylamine	0.20	U
92-87-5	Benidine	0.98	U	87-86-5	Pentachlorophenol	0.98	U
56-55-3	Benzo[a]anthracene	0.20	0.75	85-01-8	Phenanthrene	0.20	0.48
50-32-8	Benzo[a]pyrene	0.20	0.58	108-95-2	Phenol	0.20	U
205-99-2	Benzo[b]fluoranthene	0.20	0.45	129-00-0	Pyrene	0.20	1.6

Worksheet #: 144328

Total Target Concentration 6.6

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-001(2X)
 Client Id: PI01-TP-RAM2022210S
 Data File: 9M23513.D
 Analysis Date: 03/02/10 14:22
 Date Rec/Extracted: 02/25/10-03/01/10

Matrix: Soil
 Initial Vol: 30g
 Final Vol: 1ml
 Dilution: 2
 Solids: 68
 Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	160 JAB
2	7391-61-9	5-Ethyl-1,3-dimethylbarbituric acid	8.47	1.0 J
3	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.16	1.1 J
4	31613-04-4	3,6-Dimethyldibenzothiophene	9.83	1.3 J
5	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.08	1.6 J
6	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.19	2.5 J
7		unknown	10.22	1.3 J
8	7469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	10.30	1.2 J
9	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.34	1.2 J
10	15096-10-3	Benzene, 1,1'-[(methylthio)ethenylidene]	10.44	1.3 J
11	1214-20-6	9H-Xanthen-9-one, 2-methoxy-	10.56	1.0 J
12	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	1.7 J
13	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	2.9 J
14		unknown	11.02	1.6 J
15	3442-78-2	Pyrene, 2-methyl-	11.14	1.5 J
16		unknown	11.17	1.1 J
17	3353-12-6	Pyrene, 4-methyl-	11.25	1.5 J
18	7343-06-8	Phenanthrene, 3,4,5,6-tetramethyl-	11.35	1.4 J
19	64401-21-4	Pyrene, 1,3-dimethyl-	11.74	1.3 J
20		unknown	12.17	1.1 J
21	57-97-6	Benz[a]anthracene, 7,12-dimethyl-	12.94	1.1 J
22	22100-66-9	4,4'-DINITRODIPHENYLSULPHIDE	13.04	1.0 J
23		unknown	14.20	1.6 J
24	36728-72-0	28-NOR-17BETA(H)-HOPANE	14.50	1.2 J
25		unknown	15.17	2.6 J

Worksheet #: 144328

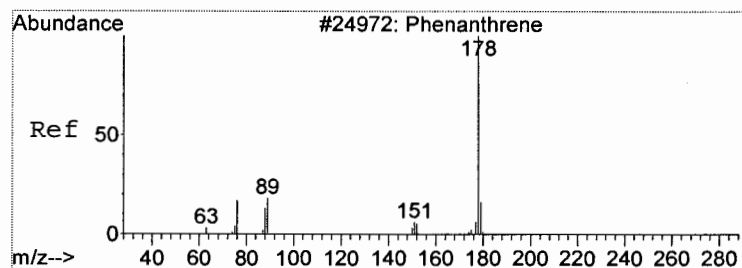
Total Tentatively Identified Concentration 200*A - Indicates an aldol condensate.**J - Indicates an estimated value.**B - Indicates the analyte was found in the blank as well as in the sample.*

SampleID : AC50034-001(2X) Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23513.D Sam Mult : 1 Vial# : 16 Qt On : 03/02/10 15:46
 Acq On : 03/ 2/10 14:22 Misc : S,BNA:2 Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

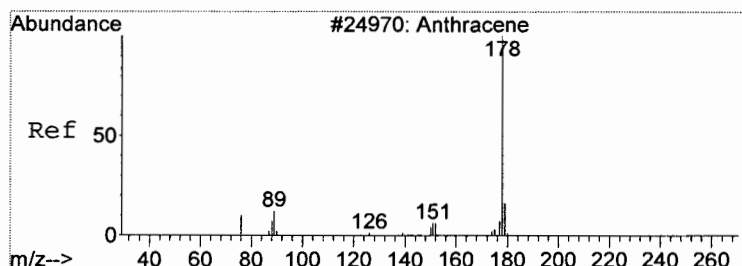
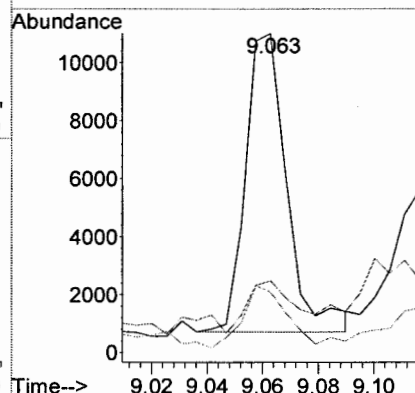
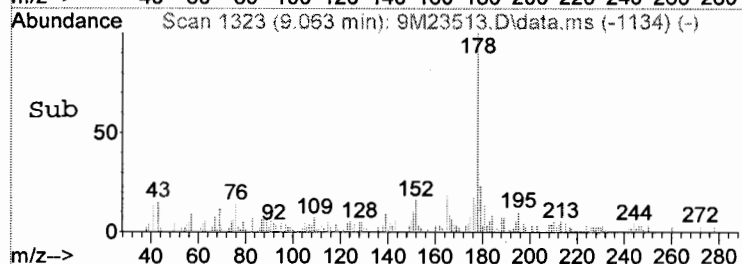
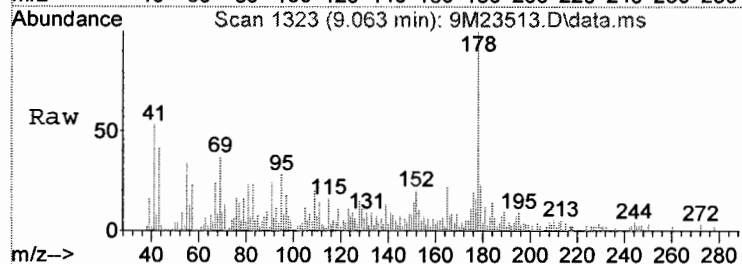
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	22923	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	85532	40.00	ng	0.00
47) Acenaphthene-d10	7.635	164	46415	40.00	ng	-0.01
73) Phenanthrene-d10	9.036	188	74309	40.00	ng	0.00
87) Chrysene-d12	12.053	240	59531	40.00	ng	0.00
102) Perylene-d12	13.657	264	65249	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	25538	41.43	ng	0.00
Spiked Amount 100.000			Recovery	=	41.43%	
15) Phenol-d5	4.977	99	34275	42.64	ng	0.00
Spiked Amount 100.000			Recovery	=	42.64%	
30) Nitrobenzene-d5	5.731	128	7330	20.45	ng	0.00
Spiked Amount 50.000			Recovery	=	40.90%	
52) 2-Fluorobiphenyl	7.095	172	35464	22.34	ng	0.00
Spiked Amount 50.000			Recovery	=	44.68%	
76) 2,4,6-Tribromophenol	8.346	330	7087	51.31	ng	-0.01
Spiked Amount 100.000			Recovery	=	51.31%	
90) Terphenyl-d14	10.823	244	40225	23.55	ng	0.00
Spiked Amount 50.000			Recovery	=	47.10%	
Target Compounds						
82) Phenanthrene	9.063	178	10638	4.92	ng	95
83) Anthracene	9.116	178	4488	2.02	ng	78
86) Fluoranthene	10.368	202	17367	7.37	ng	92
88) Pyrene	10.625	202	39443	16.46	ng	81
99) Benzo[a]anthracene	12.042	228	16447	7.60	ng	87
100) Chrysene	12.085	228	22011	10.64	ng	82
104) Benzo[b]fluoranthene	13.262	252	9906m	4.55	ng	
106) Benzo[a]pyrene	13.599	252	11998	5.91	ng	81
107) Indeno[1,2,3-cd]pyrene	14.749	276	6414	3.13	ng	75
109) Benzo[g,h,i]perylene	15.053	276	10039	5.64	ng	88
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.265		149791	40.00	ng	--
2) Naphthalene-d8	6.287		208684	40.00	ng	--
3) Acenaphthene-d10	7.635		253342	40.00	ng	--
4) Phenanthrene-d10	9.036		268990	40.00	ng	--
5) Chrysene-d12	12.053		262115	40.00	ng	--
6) Perylene-d12	13.657		231143	40.00	ng	--
Library Search Compounds						
1) UNKNOWN	3.260		32432	8.66	ng	--
2) 123-42-2	3.670		6151591	1642.71	ng	50
3) 7391-61-9	8.470		69692	10.36	ng	52
4) 4612-63-9	9.160		74530	11.08	ng	64
5) 718-25-2	9.380		60661	9.02	ng	60
6) UNKNOWN	9.690		59028	8.78	ng	--
7) 31613-04-4	9.830		90629	13.48	ng	83
8) 3674-66-6	10.080		111693	16.61	ng	70
9) 1576-69-8	10.190		171900	25.56	ng	93
10) UNKNOWN	10.220		89723	13.34	ng	--
11) 7469-40-1	10.300		81642	12.14	ng	92
12) 15096-10-3	10.340		83963	12.49	ng	74
13) 15096-10-3	10.440		89889	13.37	ng	64
14) 1214-20-6	10.560		68488	10.45	ng	50
15) 3674-73-5	10.670		112887	17.23	ng	91
16) 3674-73-5	10.720		196900	30.05	ng	70
17) UNKNOWN	11.020		106400	16.24	ng	--
18) 3442-78-2	11.140		97179	14.83	ng	83
19) UNKNOWN	11.170		75907	11.58	ng	--
20) 3353-12-6	11.250		98192	14.98	ng	93
21) 7343-06-8	11.350		96708	14.76	ng	62
22) 64401-21-4	11.740		89158	13.61	ng	89
23) UNKNOWN	12.170		70236	10.72	ng	--
24) 57-97-6	12.940		65380	11.31	ng	83
25) 22100-66-9	13.040		61442	10.63	ng	91
26) UNKNOWN	14.200		96152	16.64	ng	--
27) 36728-72-0	14.500		70189	12.15	ng	64
28) UNKNOWN	15.170		151528	26.22	ng	--

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



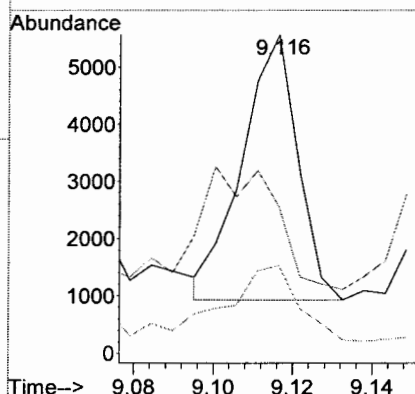
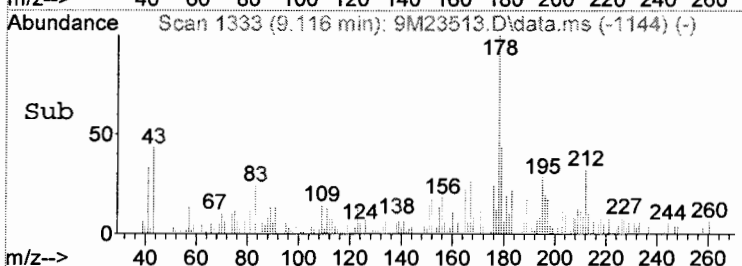
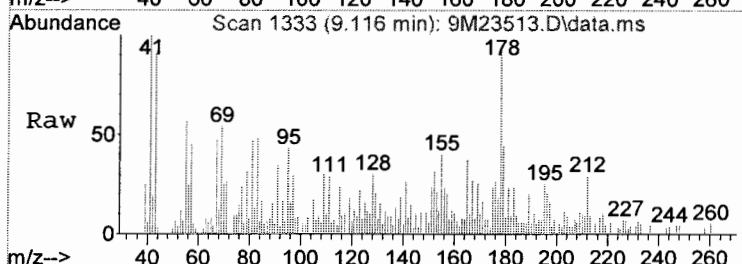
#82
Phenanthrene
Concen: 4.92 ng
RT: 9.063 min Scan# 1323
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

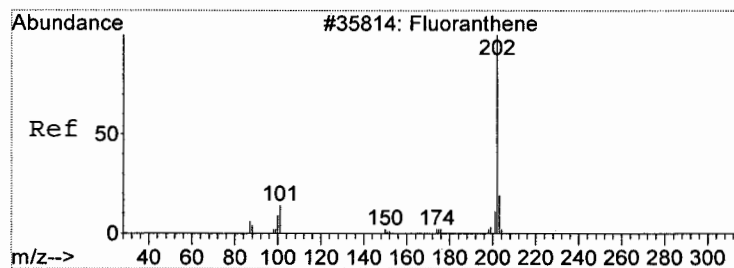
Tgt Ion:178 Resp: 10638
Ion Ratio Lower Upper
178 100
179 13.4 0.0 55.5
176 16.8 0.0 59.3



#83
Anthracene
Concen: 2.02 ng
RT: 9.116 min Scan# 1333
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

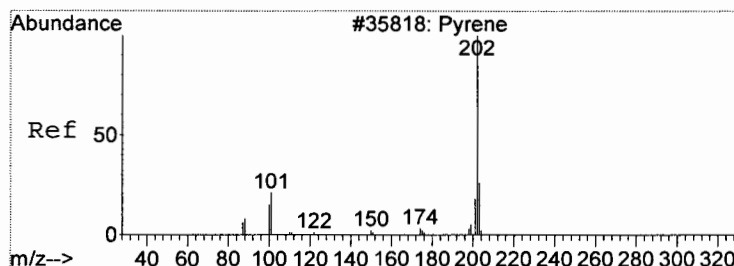
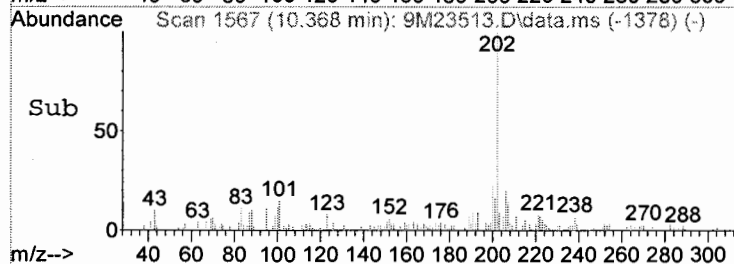
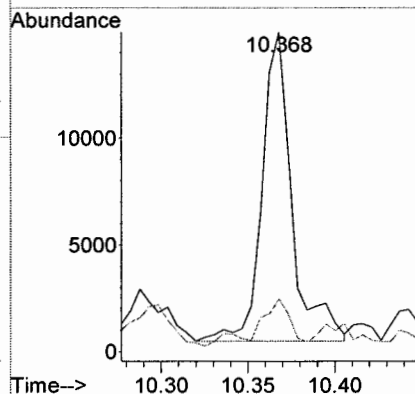
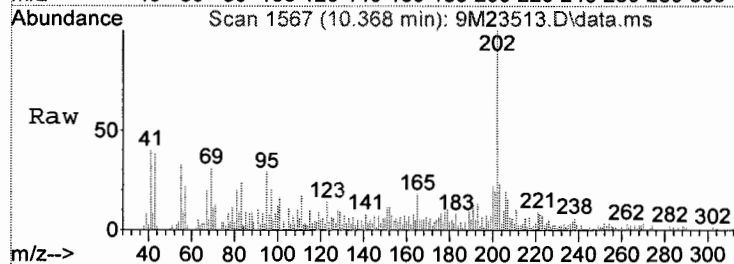
Tgt Ion:178 Resp: 4488
Ion Ratio Lower Upper
178 100
179 24.1 0.0 55.2
176 27.8 0.0 58.1





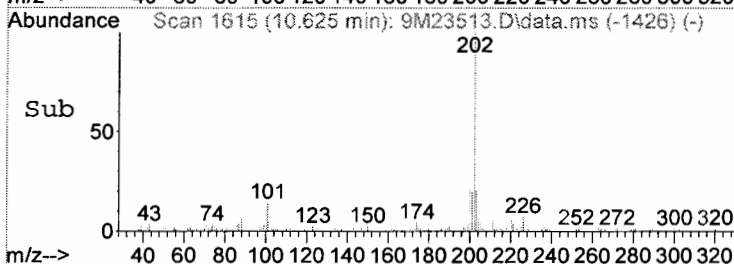
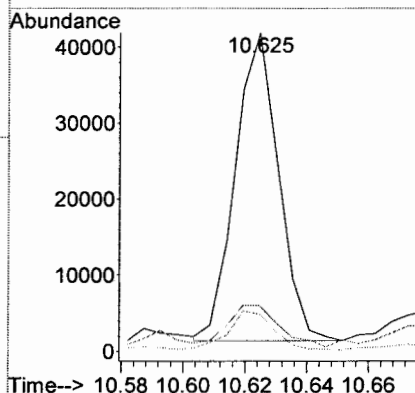
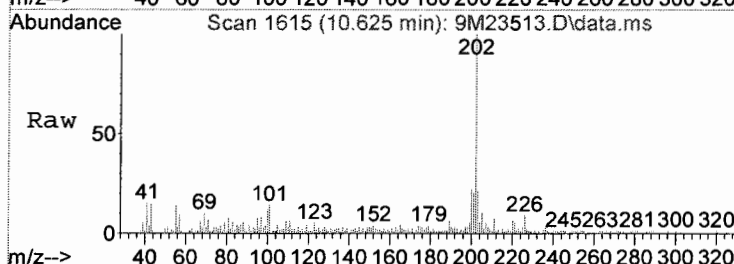
#86
Fluoranthene
Concen: 7.37 ng
RT: 10.368 min Scan# 1567
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

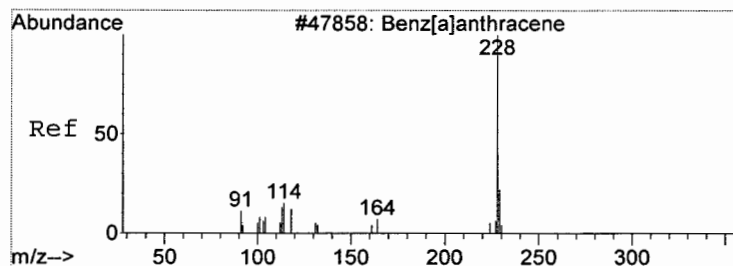
Tgt Ion:202 Resp: 17367
Ion Ratio Lower Upper
202 100
101 14.2 0.0 57.6



#88
Pyrene
Concen: 16.46 ng
RT: 10.625 min Scan# 1615
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

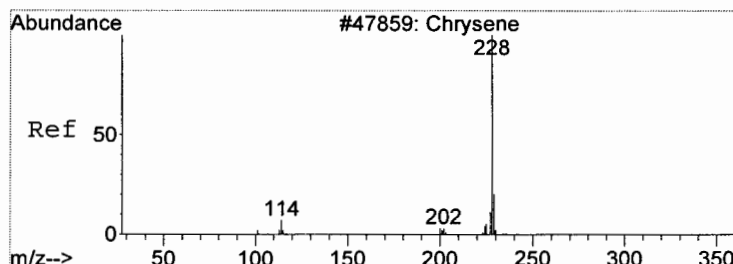
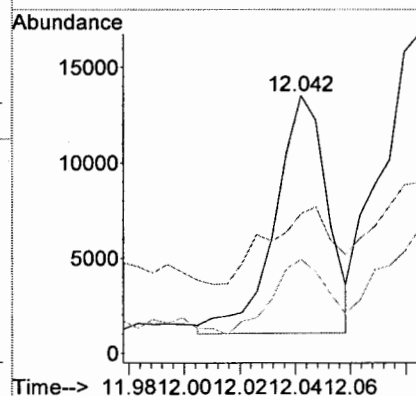
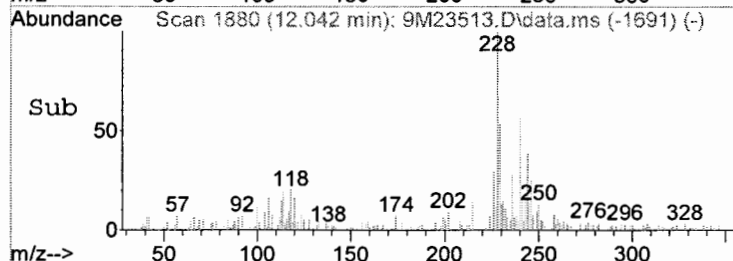
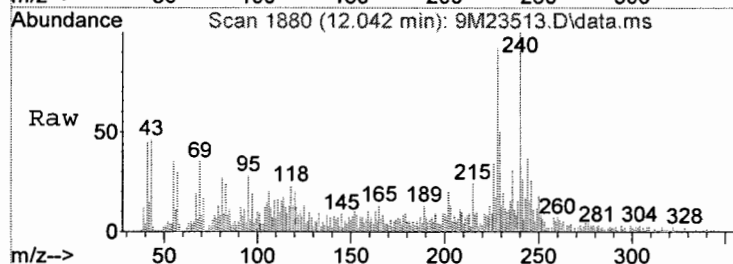
Tgt Ion:202 Resp: 39443
Ion Ratio Lower Upper
202 100
101 11.2 0.0 62.2
100 11.6 0.0 57.8





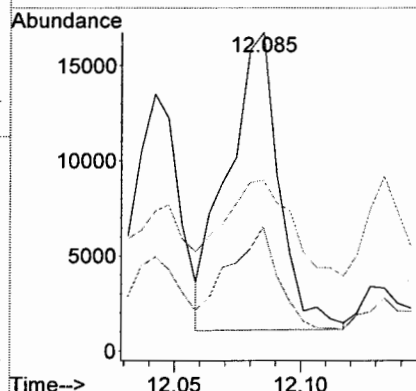
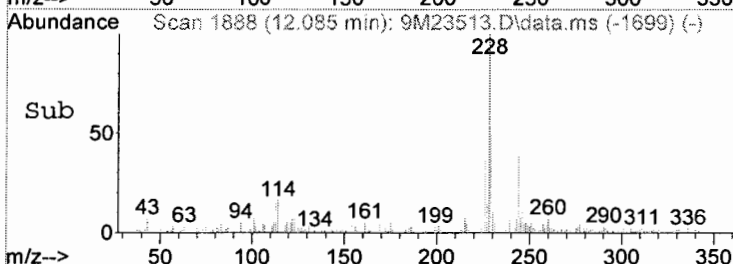
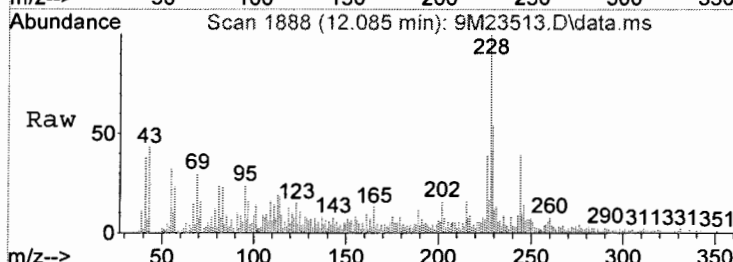
#99
Benzo[a]anthracene
Concen: 7.60 ng
RT: 12.042 min Scan# 1880
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

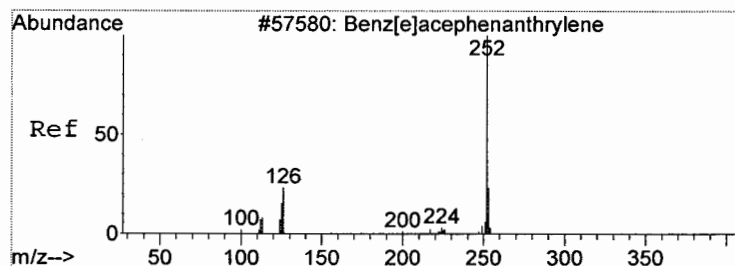
Tgt Ion:228 Resp: 16447
Ion Ratio Lower Upper
228 100
229 29.0 0.0 59.5
226 30.0 0.0 66.0



#100
Chrysene
Concen: 10.64 ng
RT: 12.085 min Scan# 1888
Delta R.T. -0.005 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

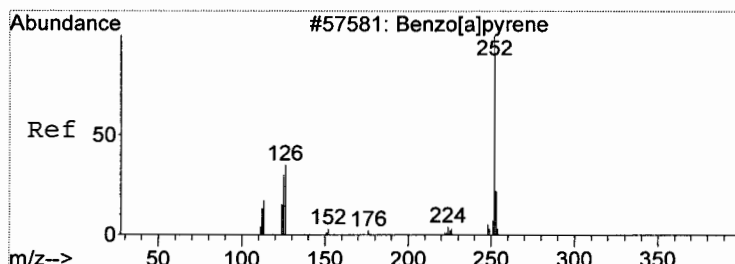
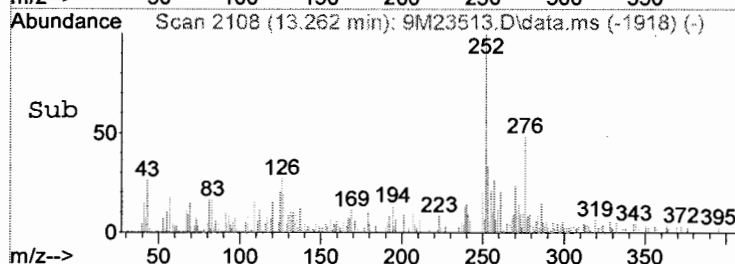
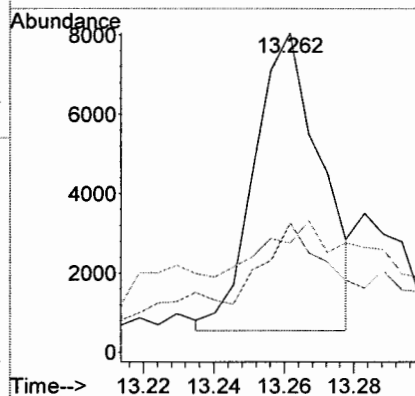
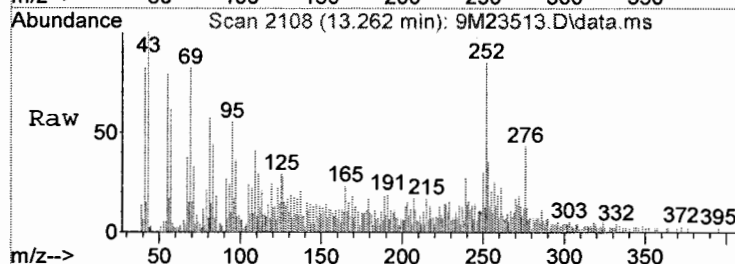
Tgt Ion:228 Resp: 22011
Ion Ratio Lower Upper
228 100
226 35.3 9.5 49.5
229 33.0 0.0 60.2





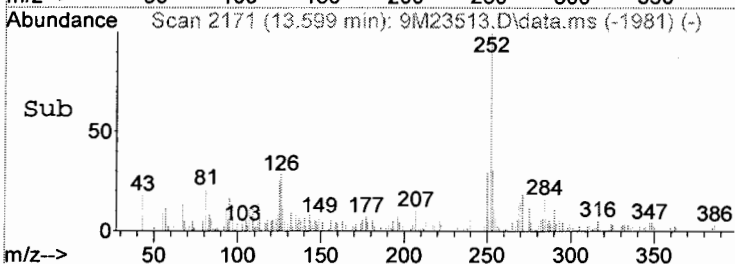
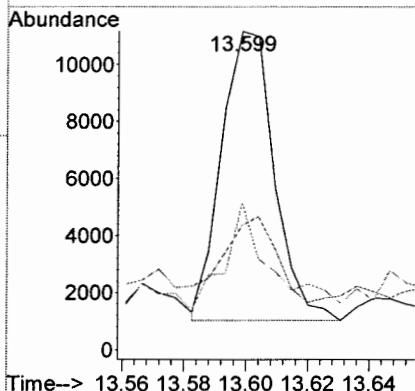
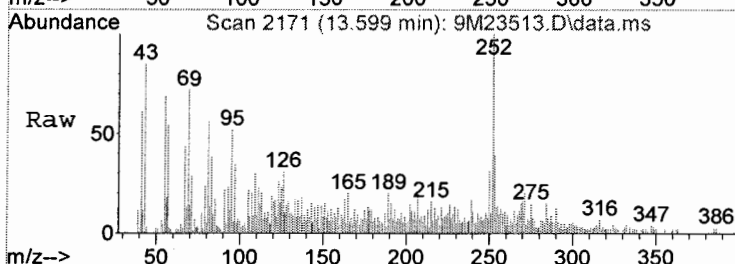
#104
Benzo[b]fluoranthene
Concen: 4.55 ng m
RT: 13.262 min Scan# 2108
Delta R.T. -0.000 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

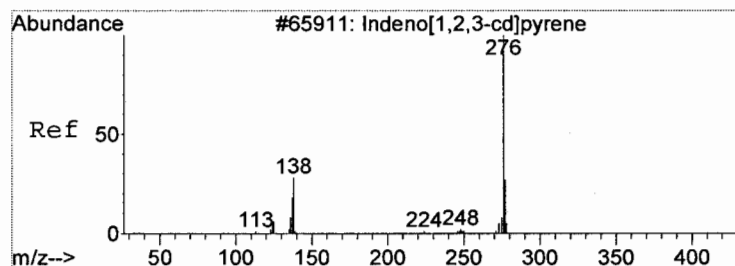
Tgt Ion: 252 Resp: 9906
Ion Ratio Lower Upper
252 100
253 40.5 0.0 62.3
125 34.2 0.0 58.4



#106
Benzo[a]pyrene
Concen: 5.91 ng
RT: 13.599 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 9M23513.D
Acq: 2 Mar 2010 14:22

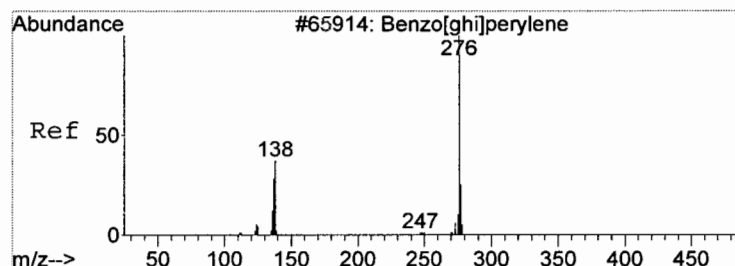
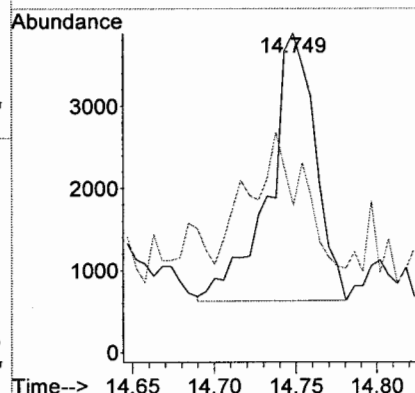
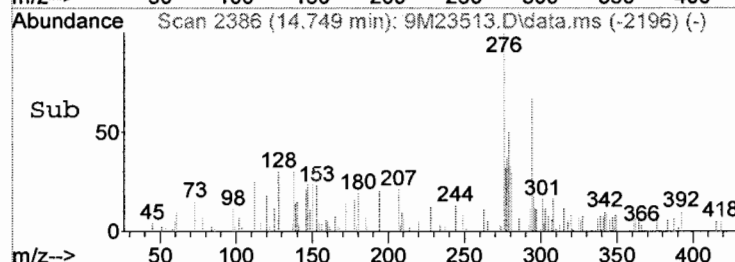
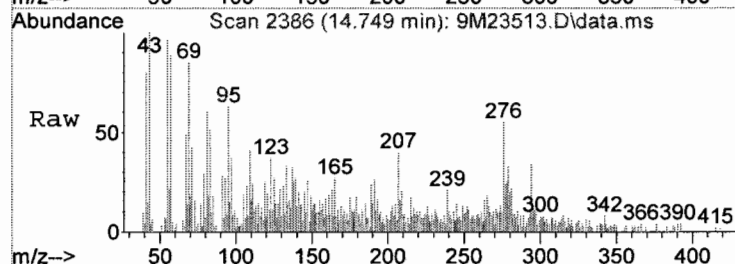
Tgt Ion: 252 Resp: 11998
Ion Ratio Lower Upper
252 100
253 24.4 0.0 62.4
125 37.2 0.0 60.9





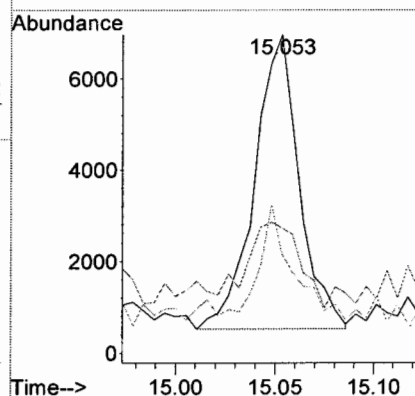
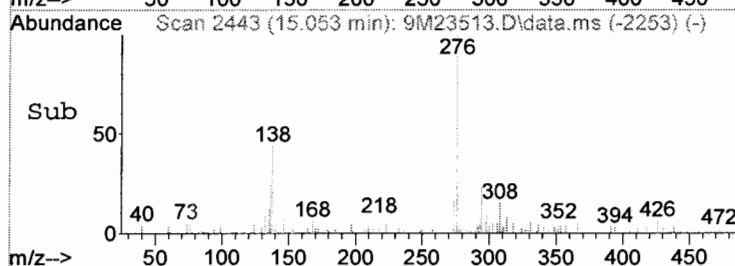
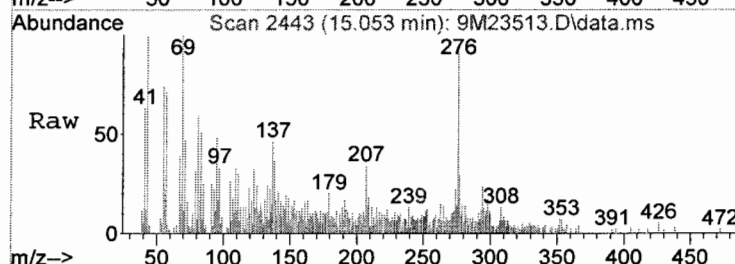
#107
 Indeno[1,2,3-cd]pyrene
 Concen: 3.13 ng
 RT: 14.749 min Scan# 2386
 Delta R.T. -0.000 min
 Lab File: 9M23513.D
 Acq: 2 Mar 2010 14:22

Tgt Ion: 276 Resp: 6414
 Ion Ratio Lower Upper
 276 100
 138 23.7 0.0 78.9



#109
 Benzo[g,h,i]perylene
 Concen: 5.64 ng
 RT: 15.053 min Scan# 2443
 Delta R.T. 0.005 min
 Lab File: 9M23513.D
 Acq: 2 Mar 2010 14:22

Tgt Ion: 276 Resp: 10039
 Ion Ratio Lower Upper
 276 100
 138 34.1 0.0 140.0
 277 27.7 0.0 120.0



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23513.D
 Acq On : 2 Mar 2010 14:22
 Operator : AHD
 Sample : AC50034-001(2X)
 Misc : S,BNA:2
 ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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: 9M23513.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.912	168	173	185	rBV4	11540	24361	0.40%	0.183%
2	3.260	234	238	252	rBV3	13422	32432	0.53%	0.243%
3	3.672	293	315	318	rBV	1684039	6151591	100.00%	46.138%
4	4.014	376	379	389	rVB	90200	92399	1.50%	0.693%
5	4.329	436	438	443	rBV	9757	9471	0.15%	0.071%
6	4.447	457	460	467	rBV2	8867	11284	0.18%	0.085%
7	4.666	495	501	507	rVB2	9974	10884	0.18%	0.082%
8	4.848	531	535	539	rBV2	6559	8574	0.14%	0.064%
9	4.923	544	549	553	rBV3	3718	5088	0.08%	0.038%
10	4.977	556	559	569	rBV	109876	101975	1.66%	0.765%
11	5.116	582	585	587	rBV2	6378	6280	0.10%	0.047%
12	5.265	610	613	620	rVB	168744	148275	2.41%	1.112%
13	5.693	688	693	695	rBV4	3481	5378	0.09%	0.040%
14	5.731	696	700	706	rVV	57011	55128	0.90%	0.413%
15	5.913	732	734	737	rVB3	11565	8620	0.14%	0.065%
16	5.961	740	743	747	rVB3	6865	6702	0.11%	0.050%
17	6.004	747	751	753	rBV5	13649	13655	0.22%	0.102%
18	6.105	765	770	772	rBV6	3526	4744	0.08%	0.036%
19	6.148	776	778	783	rVB5	4020	5719	0.09%	0.043%
20	6.207	783	789	793	rBV8	6747	14191	0.23%	0.106%
21	6.255	795	798	801	rBV2	29173	36920	0.60%	0.277%
22	6.287	801	804	812	rVB	242327	212173	3.45%	1.591%
23	6.346	812	815	817	rBV	20274	13962	0.23%	0.105%
24	6.415	824	828	829	rBV3	8844	8534	0.14%	0.064%
25	6.442	831	833	837	rVB5	16284	13139	0.21%	0.099%
26	6.480	837	840	841	rBV2	6585	5360	0.09%	0.040%
27	6.501	841	844	847	rVV4	13652	11591	0.19%	0.087%
28	6.528	847	849	852	rVB4	6102	4506	0.07%	0.034%
29	6.570	852	857	861	rBV7	11133	16133	0.26%	0.121%
30	6.624	861	867	871	rBV6	23997	38533	0.63%	0.289%
31	6.661	871	874	876	rBV3	15613	13377	0.22%	0.100%
32	6.694	876	880	882	rBV4	21477	23298	0.38%	0.175%
33	6.736	885	888	889	rBV3	14755	9977	0.16%	0.075%
34	6.800	895	900	905	rVB9	13723	24808	0.40%	0.186%
35	6.838	905	907	909	rBV2	13886	9402	0.15%	0.071%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23513.D
 Acq On : 2 Mar 2010 14:22
 Operator : AHD
 Sample : AC50034-001(2X)
 Misc : S,BNA:2
 ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	6.881	914	915	917	rBV2	7984	6466	0.11%	0.048%
37	6.945	923	927	929	rBV5	14980	15127	0.25%	0.113%
38	6.993	934	936	938	rVB2	12143	8393	0.14%	0.063%
39	7.025	940	942	944	rVB2	20126	12474	0.20%	0.094%
40	7.057	944	948	951	rBV5	20484	23403	0.38%	0.176%
41	7.095	951	955	958	rBV	145559	115782	1.88%	0.868%
42	7.159	961	967	970	rBV7	34890	41714	0.68%	0.313%
43	7.202	971	975	981	rVB8	13817	28247	0.46%	0.212%
44	7.250	981	984	987	rBV5	18330	18281	0.30%	0.137%
45	7.303	993	994	996	rBV2	12063	8552	0.14%	0.064%
46	7.330	996	999	1002	rVB5	11384	12568	0.20%	0.094%
47	7.357	1002	1004	1006	rBV3	15121	10663	0.17%	0.080%
48	7.378	1006	1008	1009	rBV2	10433	7895	0.13%	0.059%
49	7.394	1009	1011	1013	rVV2	18404	13483	0.22%	0.101%
50	7.410	1013	1014	1017	rVB3	16024	10657	0.17%	0.080%
51	7.432	1017	1018	1020	rBV2	10392	7106	0.12%	0.053%
52	7.485	1026	1028	1030	rVB3	15985	8517	0.14%	0.064%
53	7.523	1032	1035	1039	rBV5	23925	31643	0.51%	0.237%
54	7.560	1039	1042	1045	rVB4	27288	21165	0.34%	0.159%
55	7.587	1045	1047	1050	rBV4	18717	12703	0.21%	0.095%
56	7.635	1053	1056	1060	rVB	245728	202883	3.30%	1.522%
57	7.672	1060	1063	1065	rBV4	10492	8790	0.14%	0.066%
58	7.731	1071	1074	1077	rVB3	25864	26831	0.44%	0.201%
59	7.774	1078	1082	1084	rBV5	12737	16247	0.26%	0.122%
60	7.811	1086	1089	1091	rBV2	21217	20179	0.33%	0.151%
61	7.849	1094	1096	1098	rVB2	11657	6769	0.11%	0.051%
62	7.913	1105	1108	1112	rBV4	48402	51978	0.84%	0.390%
63	7.956	1112	1116	1119	rVB5	18449	21543	0.35%	0.162%
64	7.988	1119	1122	1125	rBV5	39964	47245	0.77%	0.354%
65	8.073	1135	1138	1142	rVB5	21456	19751	0.32%	0.148%
66	8.116	1142	1146	1149	rBV5	30532	41209	0.67%	0.309%
67	8.143	1149	1151	1156	rVV6	16798	23650	0.38%	0.177%
68	8.202	1159	1162	1164	rBV3	20260	17872	0.29%	0.134%
69	8.229	1164	1167	1171	rVB5	28231	32862	0.53%	0.246%
70	8.277	1172	1176	1179	rVB6	31503	44307	0.72%	0.332%
71	8.303	1179	1181	1184	rBV3	18134	21751	0.35%	0.163%
72	8.346	1184	1189	1192	rBV4	125870	115957	1.88%	0.870%
73	8.384	1193	1196	1198	rBV3	21262	22934	0.37%	0.172%
74	8.426	1201	1204	1205	rBV3	19565	14365	0.23%	0.108%
75	8.469	1209	1212	1220	rVB6	52002	69692	1.13%	0.523%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23513.D
 Acq On : 2 Mar 2010 14:22
 Operator : AHD
 Sample : AC50034-001(2X)
 Misc : S,BNA:2
 ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	8.539	1222	1225	1228	rBV3	38006	37082	0.60%	0.278%
77	8.566	1228	1230	1234	rVB5	15097	19477	0.32%	0.146%
78	8.619	1238	1240	1241	rBV2	11401	6160	0.10%	0.046%
79	8.640	1241	1244	1247	rVB4	25782	24697	0.40%	0.185%
80	8.673	1247	1250	1253	rBV4	41335	47905	0.78%	0.359%
81	8.758	1264	1266	1268	rBV2	20096	22862	0.37%	0.171%
82	8.844	1279	1282	1284	rBV4	18691	17215	0.28%	0.129%
83	8.892	1288	1291	1293	rBV4	25298	26680	0.43%	0.200%
84	9.036	1314	1318	1321	rBV	231857	212517	3.45%	1.594%
85	9.063	1321	1323	1326	rVB2	20497	22368	0.36%	0.168%
86	9.165	1337	1342	1345	rBV4	45510	74530	1.21%	0.559%
87	9.207	1348	1350	1351	rBV2	16556	9798	0.16%	0.073%
88	9.298	1363	1367	1369	rVB5	23105	21676	0.35%	0.163%
89	9.384	1379	1383	1387	rBV4	47995	60661	0.99%	0.455%
90	9.421	1387	1390	1393	rVV5	22723	20506	0.33%	0.154%
91	9.475	1397	1400	1403	rBV5	33075	41613	0.68%	0.312%
92	9.582	1416	1420	1422	rBV5	41881	47609	0.77%	0.357%
93	9.657	1431	1434	1437	rBV3	33771	31194	0.51%	0.234%
94	9.689	1437	1440	1442	rBV4	51382	59028	0.96%	0.443%
95	9.796	1457	1460	1463	rBV4	26863	27603	0.45%	0.207%
96	9.833	1463	1467	1474	rVV4	64510	90629	1.47%	0.680%
97	9.903	1476	1480	1482	rBV3	40697	50437	0.82%	0.378%
98	9.924	1482	1484	1485	rBV2	29132	18451	0.30%	0.138%
99	9.988	1494	1496	1498	rBV2	25285	18095	0.29%	0.136%
100	10.020	1499	1502	1505	rVV3	31675	33181	0.54%	0.249%
101	10.052	1505	1508	1510	rVV2	38082	38760	0.63%	0.291%
102	10.079	1510	1513	1516	rVB	125223	111693	1.82%	0.838%
103	10.111	1516	1519	1521	rBV2	30299	29941	0.49%	0.225%
104	10.192	1530	1534	1537	rBV2	145806	171900	2.79%	1.289%
105	10.224	1537	1540	1544	rVB4	71498	89723	1.46%	0.673%
106	10.298	1549	1554	1558	rBV3	54654	81642	1.33%	0.612%
107	10.336	1558	1561	1564	rBV	80598	83963	1.36%	0.630%
108	10.400	1570	1573	1576	rBV4	37653	48652	0.79%	0.365%
109	10.438	1576	1580	1584	rVV3	69256	89889	1.46%	0.674%
110	10.512	1593	1594	1597	rBV3	17335	14909	0.24%	0.112%
111	10.561	1600	1603	1606	rBV3	44951	68488	1.11%	0.514%
112	10.593	1606	1609	1611	rVV3	57227	55077	0.90%	0.413%
113	10.625	1611	1615	1620	rVV2	97622	113672	1.85%	0.853%
114	10.673	1621	1624	1629	rVB	100501	112887	1.84%	0.847%

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23513.D
 Acq On : 2 Mar 2010 14:22
 Operator : AHD
 Sample : AC50034-001(2X)
 Misc : S,BNA:2
 ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	10.721	1629	1633	1640	rBV3	131671	196900	3.20%	1.477%
116	10.780	1640	1644	1646	rBV	45697	53010	0.86%	0.398%
117	10.823	1646	1652	1662	rVB3	163872	253005	4.11%	1.898%
118	10.898	1662	1666	1667	rBV4	41990	49191	0.80%	0.369%
119	10.972	1676	1680	1683	rBV5	31027	50262	0.82%	0.377%
120	11.021	1683	1689	1695	rVB8	56118	106400	1.73%	0.798%
121	11.101	1702	1704	1708	rBV4	32892	31349	0.51%	0.235%
122	11.144	1708	1712	1714	rBV2	93215	97179	1.58%	0.729%
123	11.165	1714	1716	1722	rVB6	60283	75907	1.23%	0.569%
124	11.245	1728	1731	1735	rBV2	101831	98192	1.60%	0.736%
125	11.283	1735	1738	1740	rBV	51934	46961	0.76%	0.352%
126	11.347	1745	1750	1754	rVV2	56453	96708	1.57%	0.725%
127	11.379	1754	1756	1758	rVB3	20291	12747	0.21%	0.096%
128	11.470	1770	1773	1778	rBV7	29492	38135	0.62%	0.286%
129	11.550	1786	1788	1792	rVB5	29351	26912	0.44%	0.202%
130	11.582	1792	1794	1796	rBV3	22485	19463	0.32%	0.146%
131	11.604	1796	1798	1801	rVV4	28251	20282	0.33%	0.152%
132	11.673	1809	1811	1814	rBV4	28328	23186	0.38%	0.174%
133	11.700	1814	1816	1820	rVB2	50442	45413	0.74%	0.341%
134	11.743	1820	1824	1827	rBV2	66658	89158	1.45%	0.669%
135	11.769	1827	1829	1836	rVB3	47727	49774	0.81%	0.373%
136	11.876	1846	1849	1852	rBV5	35505	38385	0.62%	0.288%
137	11.951	1861	1863	1865	rBV3	19703	15785	0.26%	0.118%
138	11.983	1865	1869	1871	rBV5	43236	52092	0.85%	0.391%
139	12.053	1877	1882	1886	rBV	168506	208150	3.38%	1.561%
140	12.165	1900	1903	1908	rVB3	60210	70236	1.14%	0.527%
141	12.347	1935	1937	1939	rBV3	25148	22748	0.37%	0.171%
142	12.406	1944	1948	1950	rBV4	39585	50190	0.82%	0.376%
143	12.566	1976	1978	1982	rVB2	36920	35739	0.58%	0.268%
144	12.679	1997	1999	2002	rBV4	30911	37897	0.62%	0.284%
145	12.941	2044	2048	2051	rBV4	45778	65380	1.06%	0.490%
146	12.994	2056	2058	2061	rBV2	31018	31342	0.51%	0.235%
147	13.037	2062	2066	2069	rVV4	43178	61442	1.00%	0.461%
148	13.112	2077	2080	2082	rBV4	31945	34089	0.55%	0.256%
149	13.545	2158	2161	2162	rBV3	34080	27907	0.45%	0.209%
150	13.657	2178	2182	2187	rVB	183170	214428	3.49%	1.608%
151	14.198	2280	2283	2290	rVB6	72322	96152	1.56%	0.721%
152	14.503	2337	2340	2344	rVB3	69234	70189	1.14%	0.526%
153	15.171	2458	2465	2471	rVB3	75573	151528	2.46%	1.136%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 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

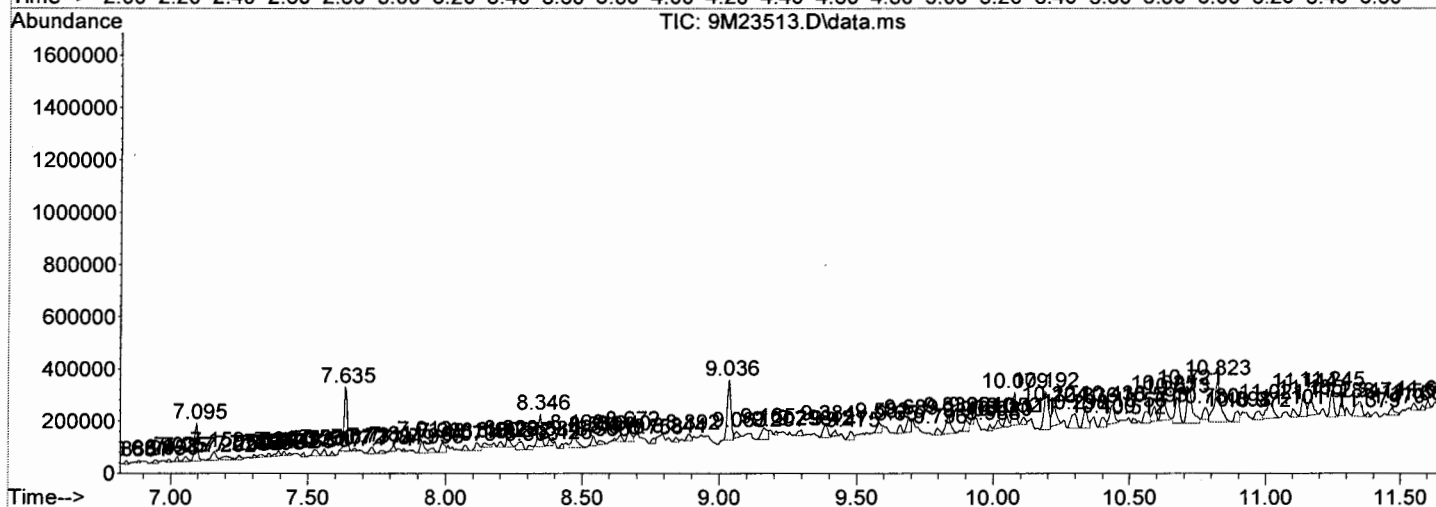
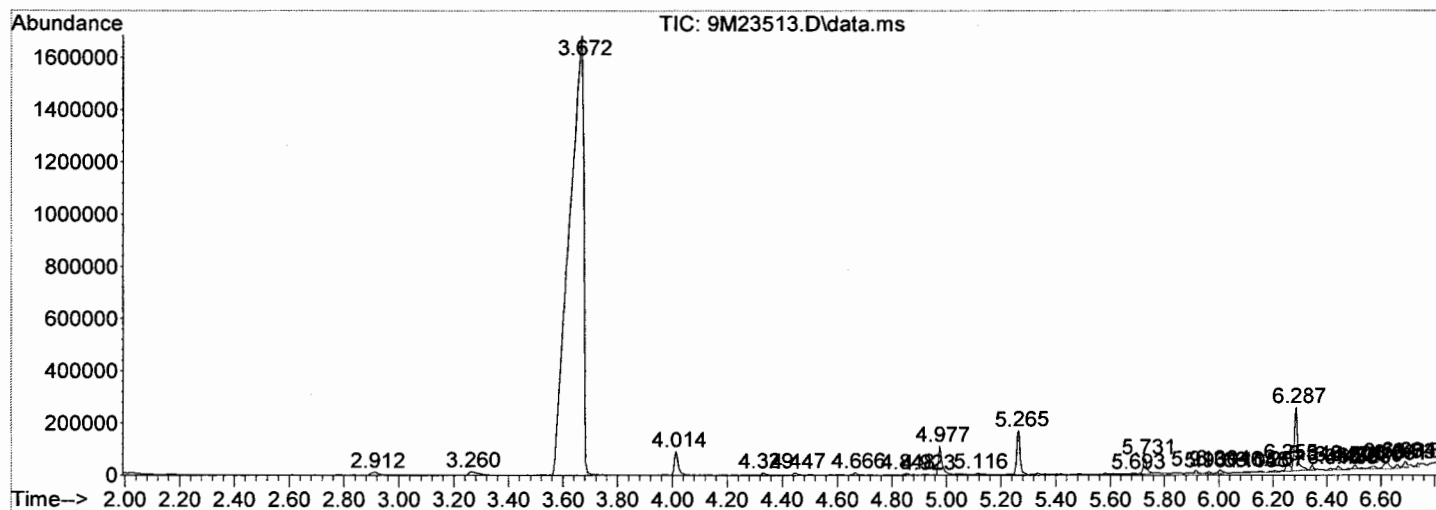
154	15.797	2580	2582	2584	rBV3	17112	15833	0.26%	0.119%

Sum of corrected areas: 13332934

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

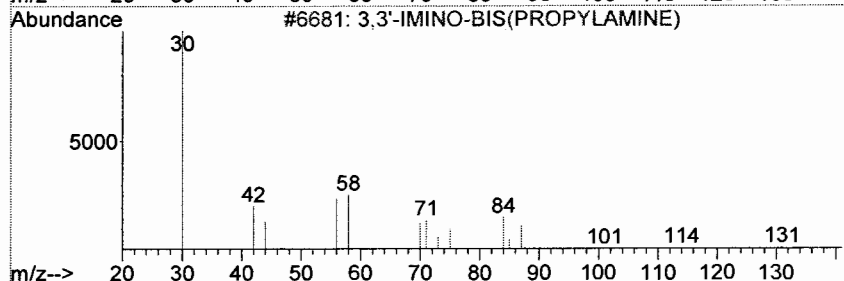
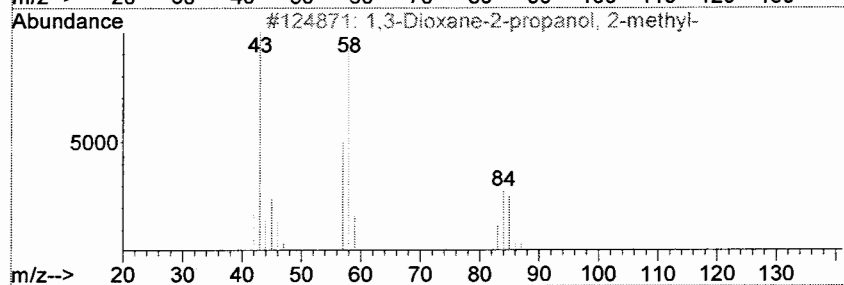
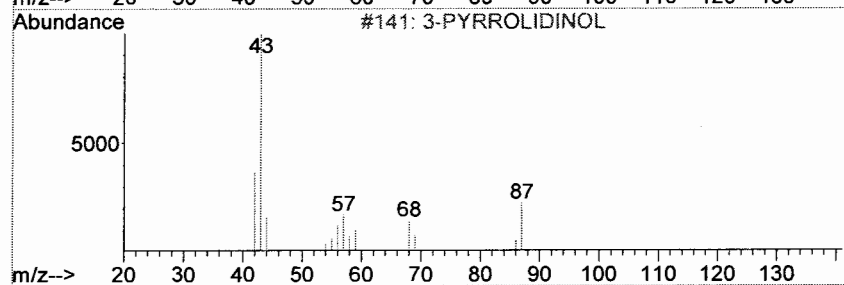
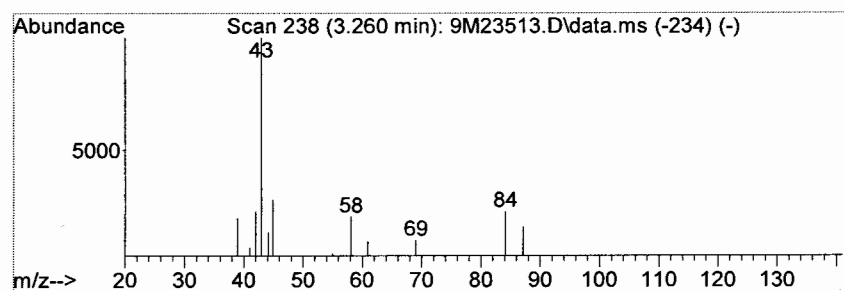
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

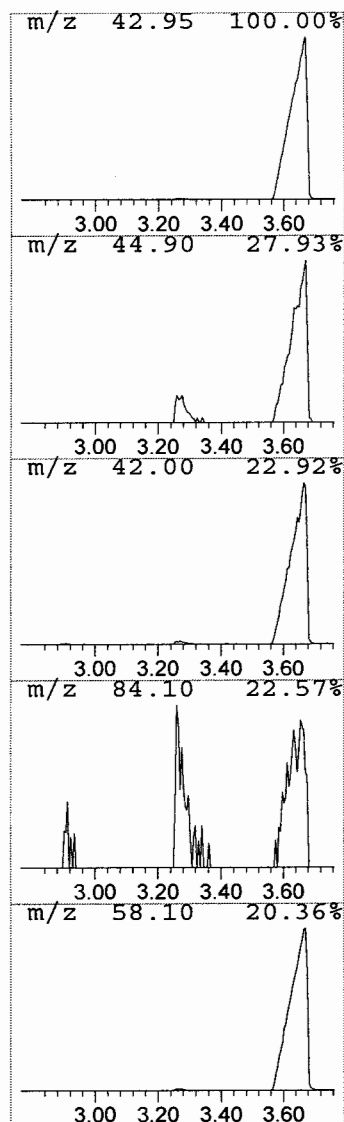
Peak Number 1 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	8.66 ng	32432	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-PYRROLIDINOL	87	C4H9NO	040499-83-0	25
2			1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	9
3			3,3'-IMINO-BIS(PROPYLAMINE)	131	C6H17N3	000000-00-0	9
4			Butane	58	C4H10	000106-97-8	4
5			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4



9M_0301.M Thu Mar 04 18:01:47 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

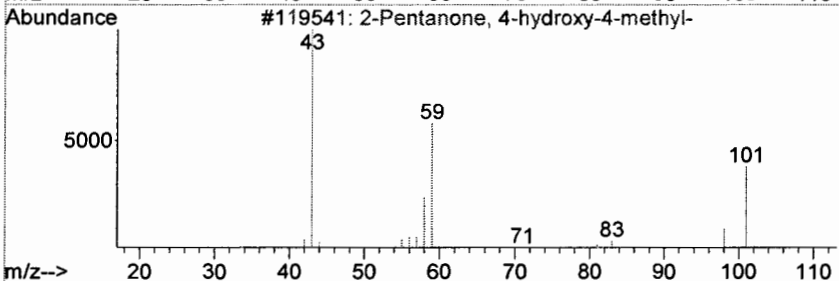
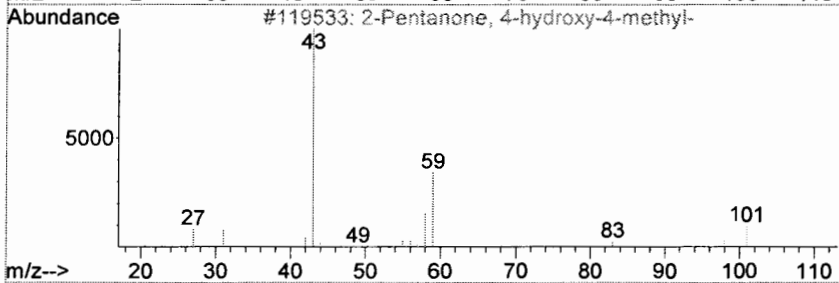
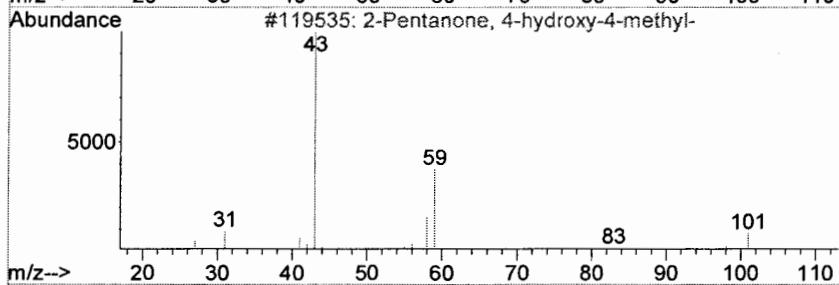
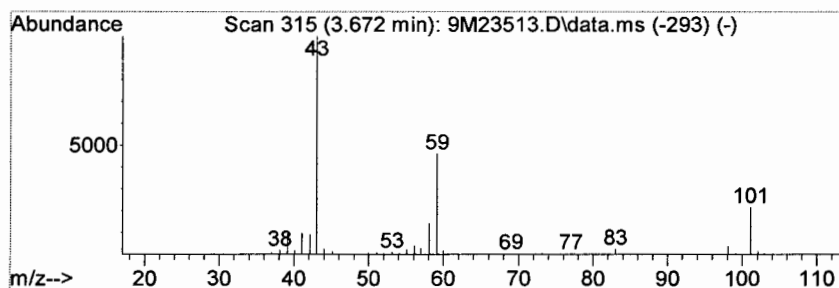
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

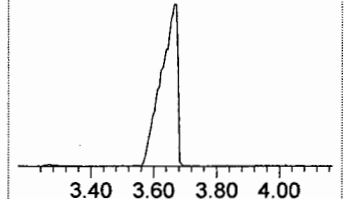
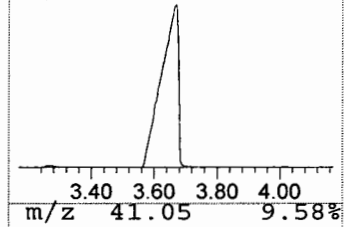
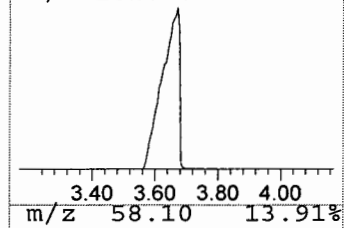
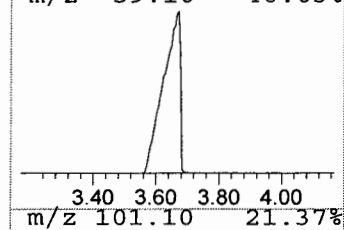
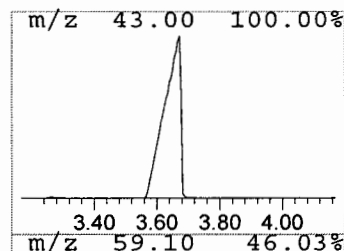
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	1642.71 ng	6151591	LibIS-1,4-Dichlorobenzene-d4	5.27

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	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47		
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	37		



9M_0301.M Thu Mar 04 18:01:49 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

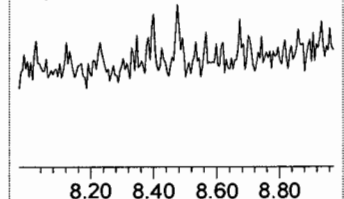
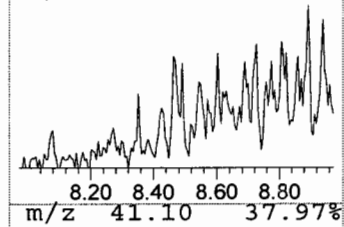
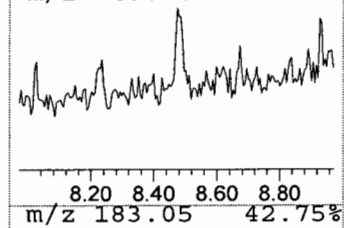
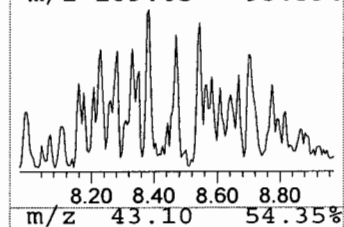
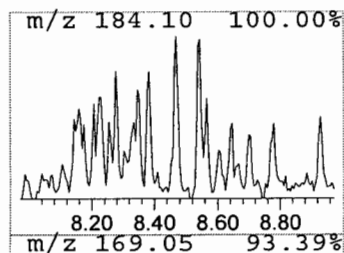
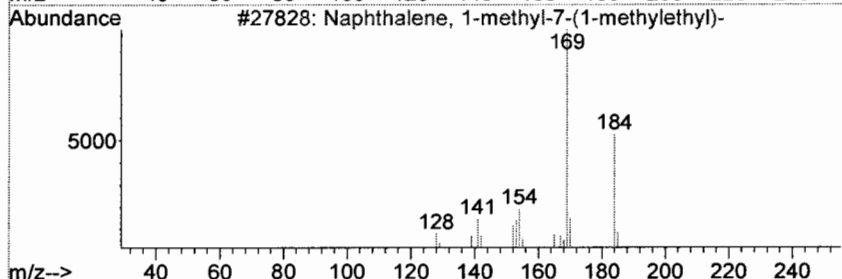
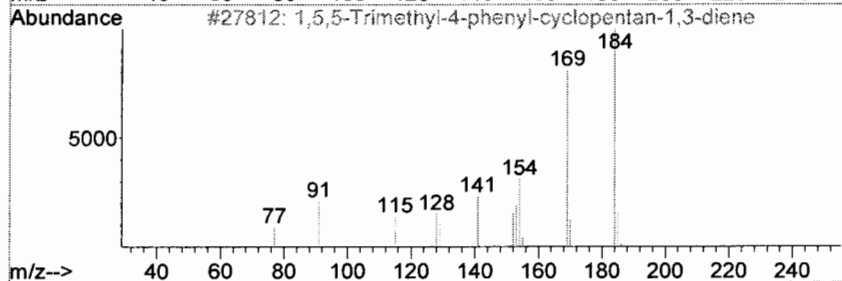
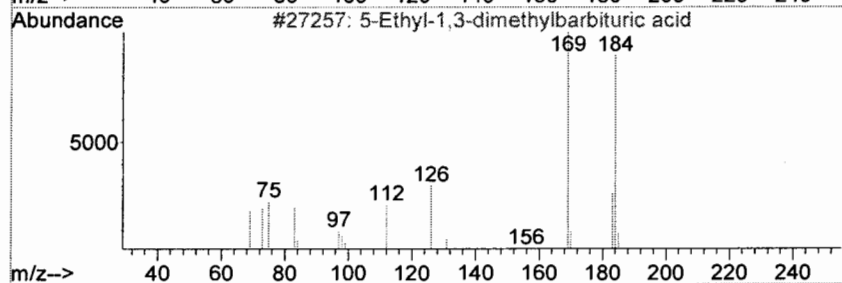
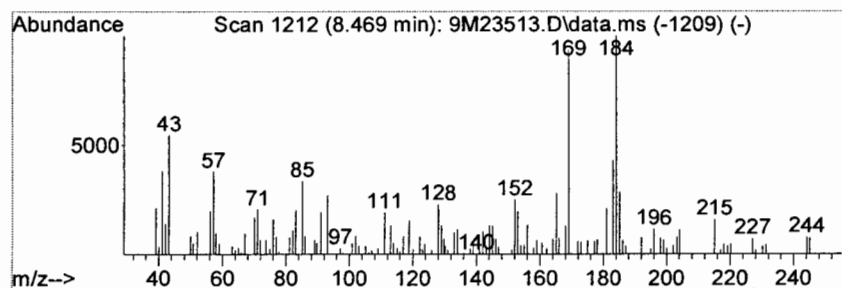
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 5-Ethyl-1,3-dimethylbarbitu... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	10.36 ng	69692	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Ethyl-1,3-dimethylbarbituric acid	184	C8H12N2O3	007391-61-9	52
2			1,5,5-Trimethyl-4-phenyl-cyclope...	184	C14H16	033930-85-7	49
3			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	47
4			3,6-Dimethyl-2-methylene-1,2,3,4...	184	C14H16	093518-58-2	43
5			2-Quinolinecarbonitrile, 4-methy...	184	C11H8N2O	010222-47-6	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

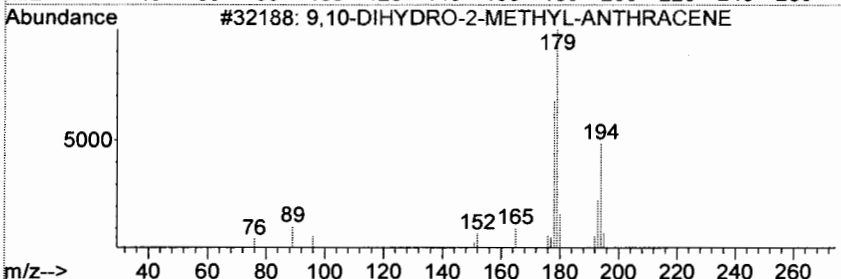
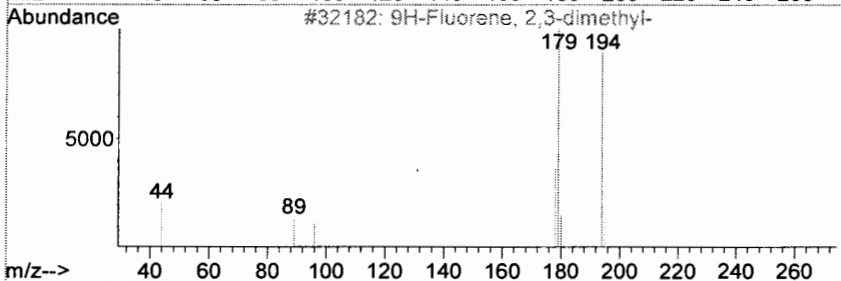
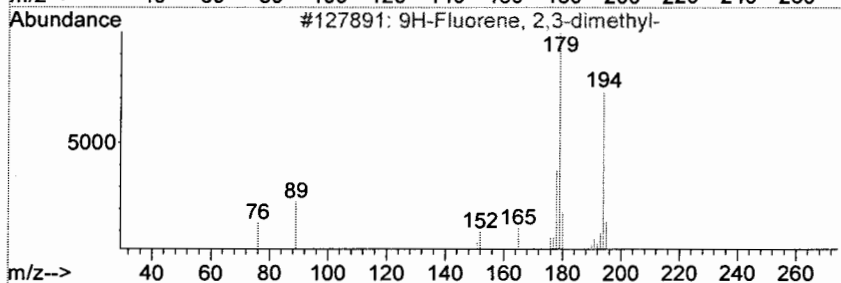
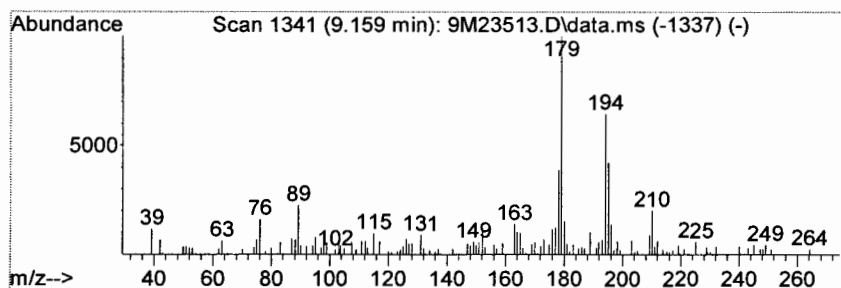
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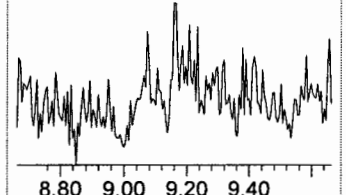
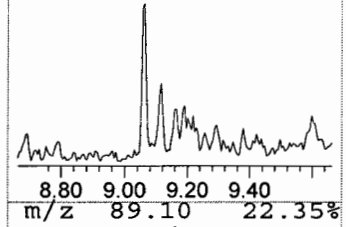
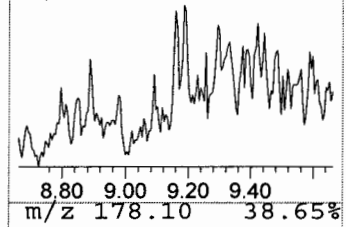
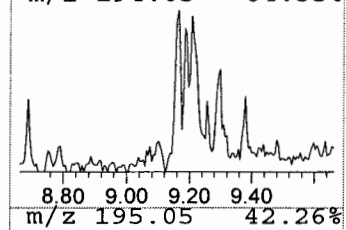
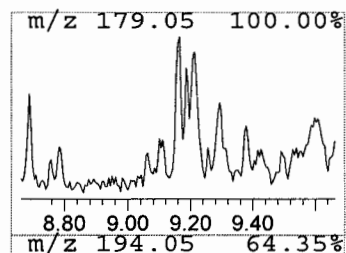
Peak Number 4 9H-Fluorene, 2,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	11.08 ng	74530	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	64
2			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	50
3			9,10-DIHYDRO-2-METHYL-ANTHRACENE	194	C15H14	000000-00-0	46
4			9H-Fluorene, 2-ethyl-	194	C15H14	001207-20-1	43
5			Benzaldehyde, 4-[(trimethylsilyl)...	194	C10H14O2Si	001012-12-0	43



9M_0301.M Thu Mar 04 18:01:53 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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Sample : AC50034-001(2X)
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ALS Vial : 16 Sample Multiplier: 1

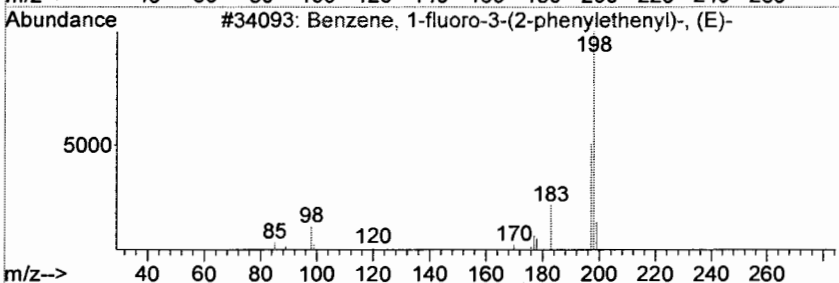
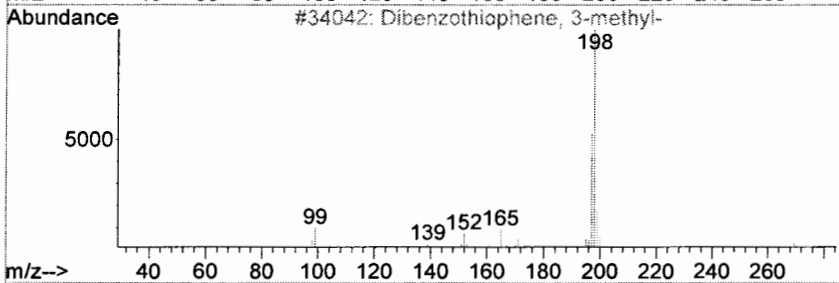
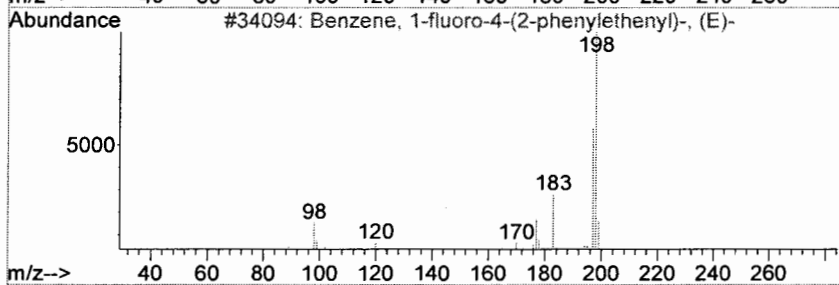
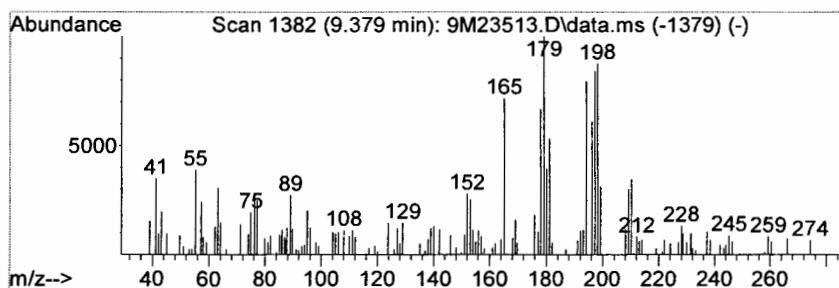
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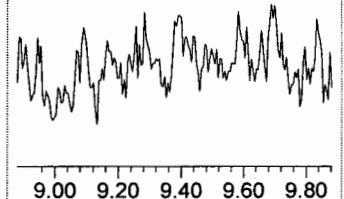
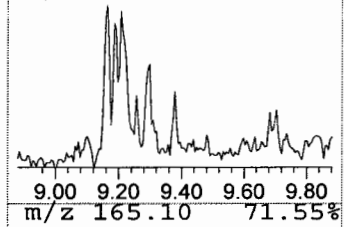
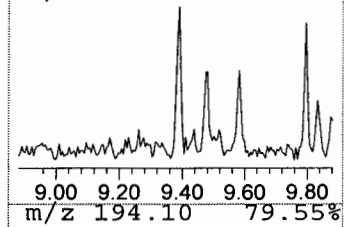
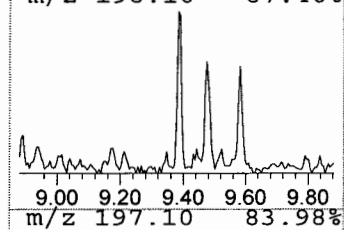
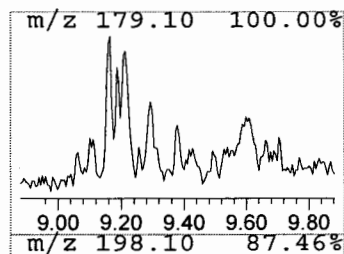
Peak Number 5 Benzene, 1-fluoro-4-(2-phen... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	9.02 ng	60661	LibIS-Phenanthrene-d10	9.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	000718-25-2	60
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
3	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	58
4	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	58
5	METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	58



9M_0301.M Thu Mar 04 18:01:55 2010 RPT1



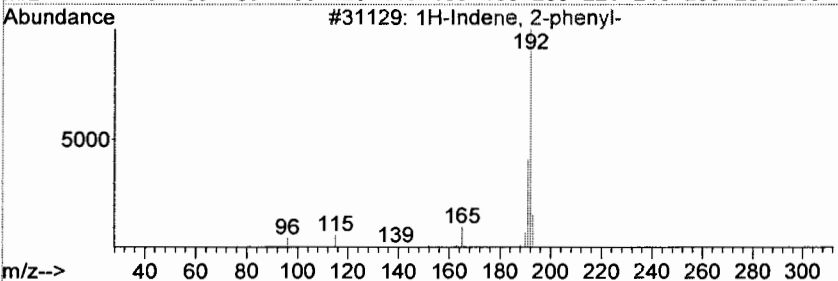
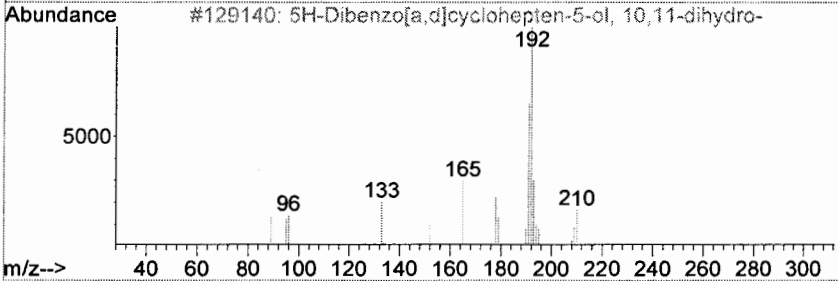
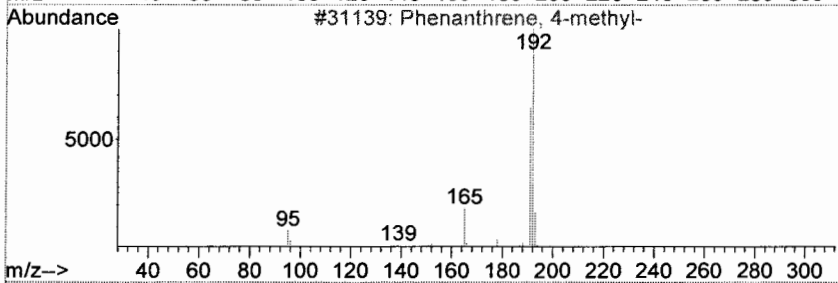
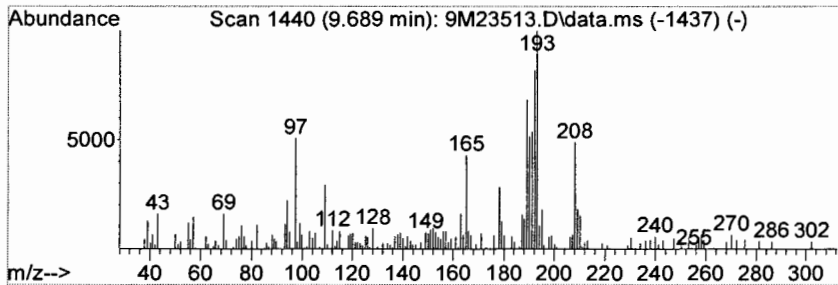
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Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : @GCMS_9,mg,625,8270

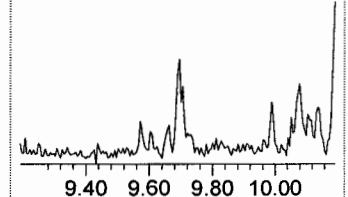
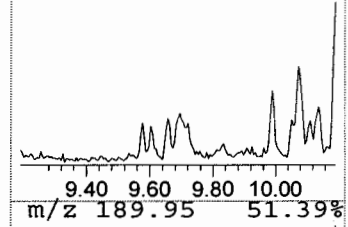
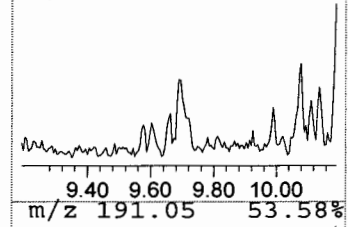
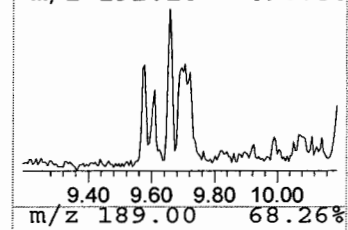
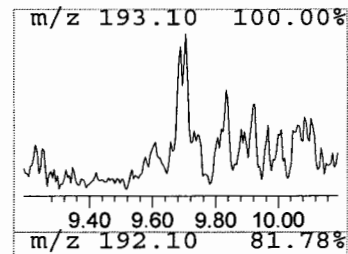
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.69	8.78 ng	59028	LibIS-Phenanthrene-d10	9.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
2	5H-Dibenzo[a,d]cyclohepten-5-ol, ...	210	C15H14O	001210-34-0	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	30
5	METHYL ESTER OF 4-(DIMETHYLAMINO...	193	C11H15NO2	000000-00-0	27



9M_0301.M Thu Mar 04 18:01:57 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
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Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

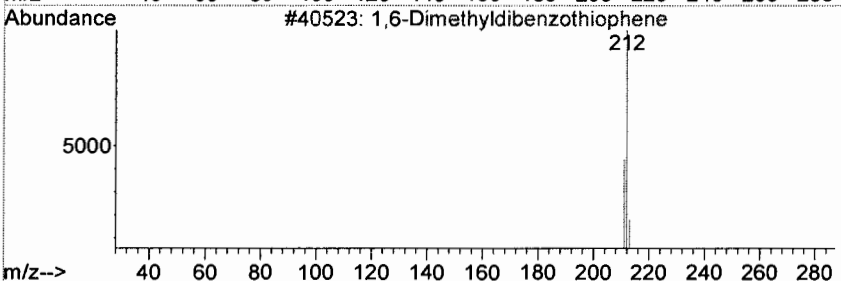
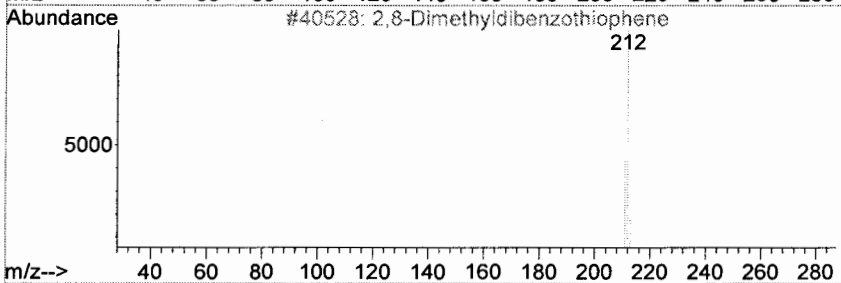
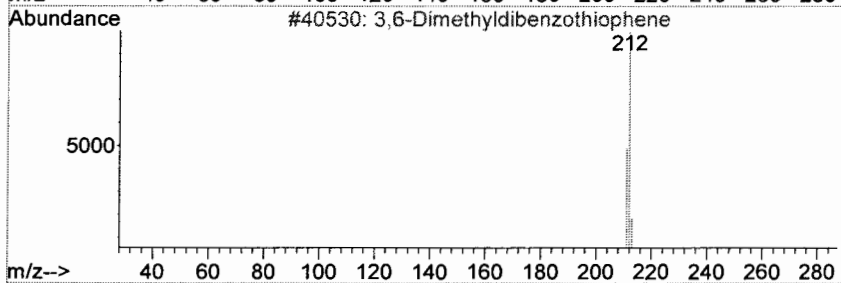
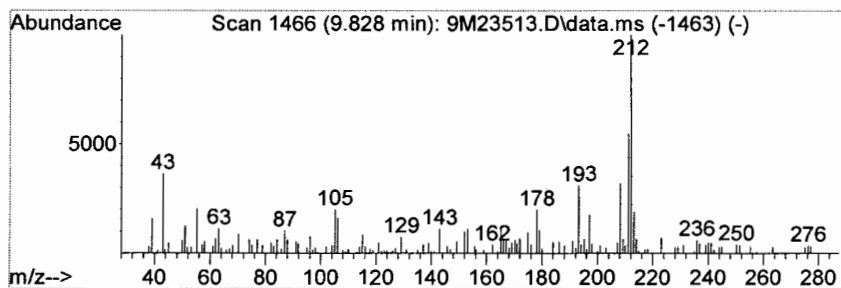
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Quant Title : @GCMS_9,mg,625,8270

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

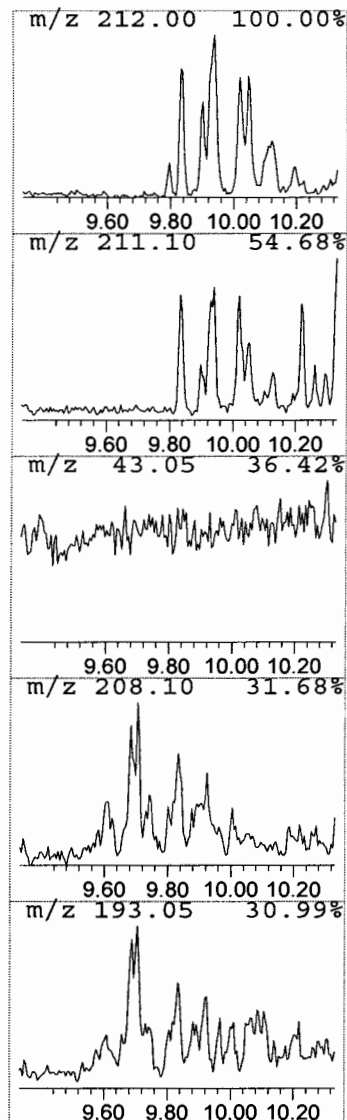
Peak Number 7 3,6-Dimethyldibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	13.48 ng	90629	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,6-Dimethyldibenzothiophene	212	C14H12S	031613-04-4	83
2			2,8-Dimethyldibenzothiophene	212	C14H12S	001207-15-4	83
3			1,6-Dimethyldibenzothiophene	212	C14H12S	089816-70-6	83
4			1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	83
5			2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	83



9M_0301.M Thu Mar 04 18:01:59 2010 RPT1



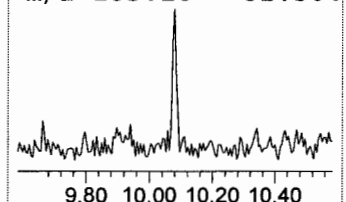
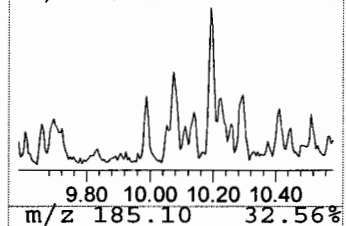
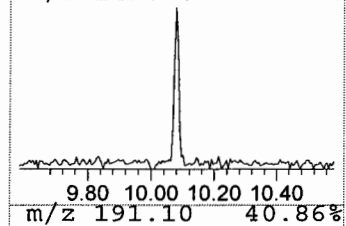
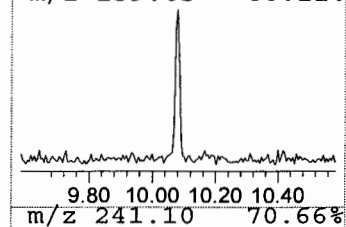
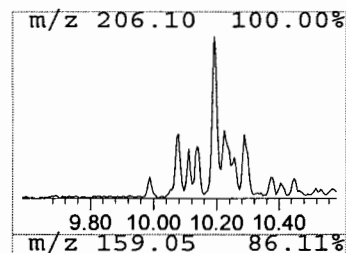
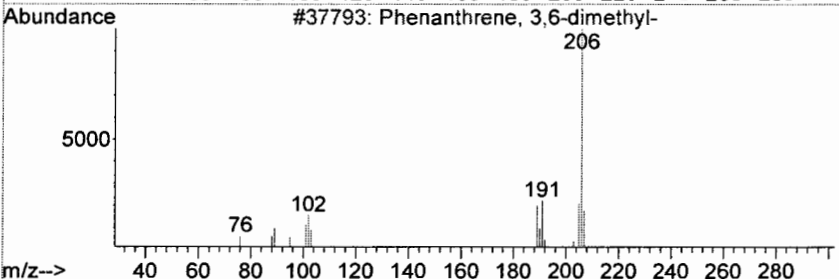
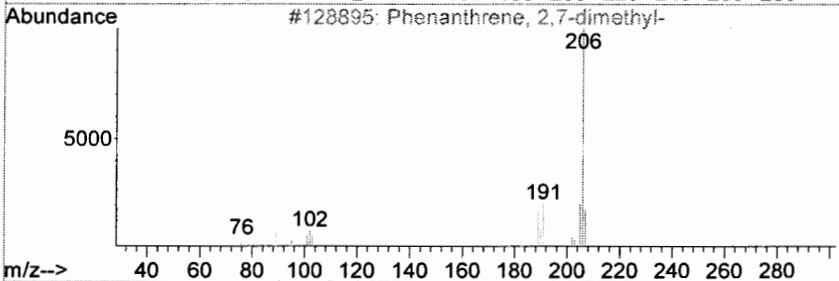
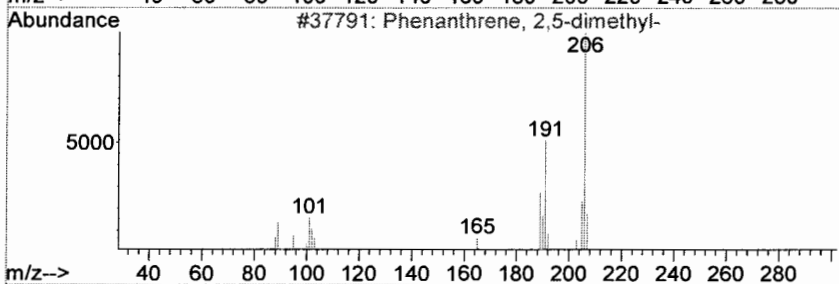
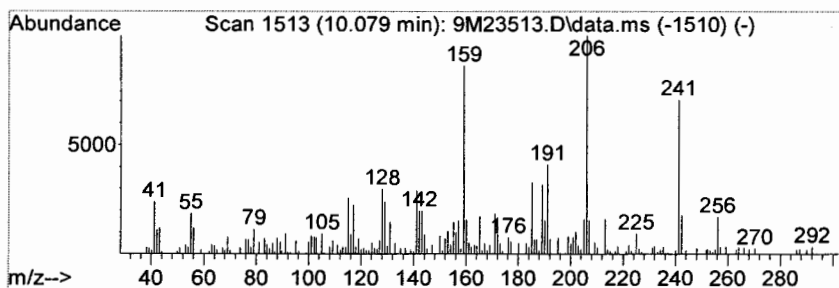
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Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

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 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.08	16.61 ng	111693	LibIS-Phenanthrene-d10	9.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	52
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	47
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	44
5	1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	30



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Sample : AC50034-001(2X)
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ALS Vial : 16 Sample Multiplier: 1

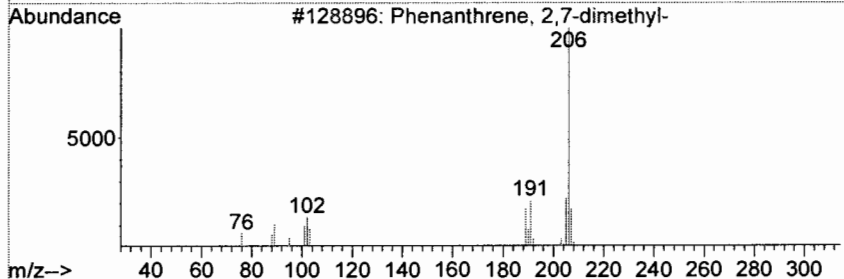
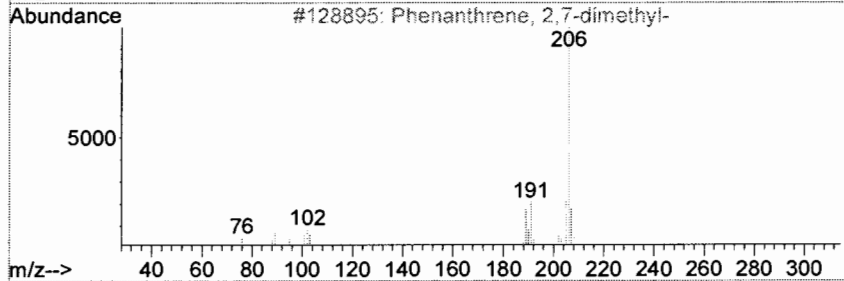
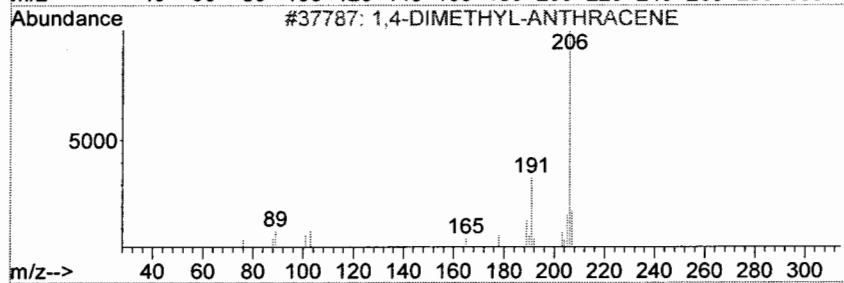
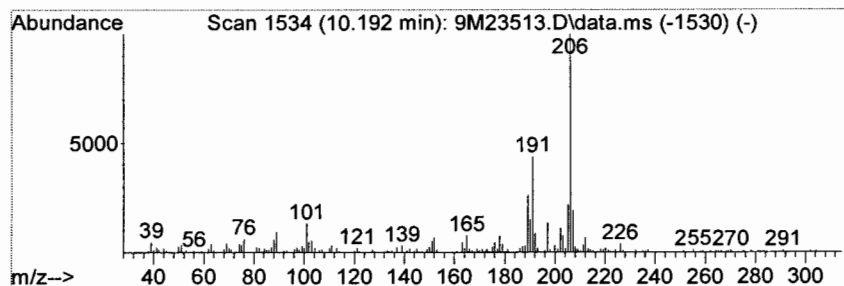
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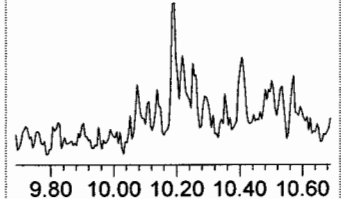
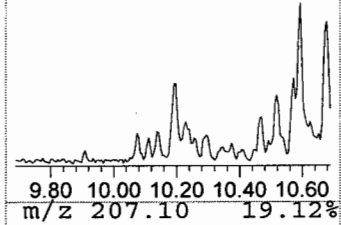
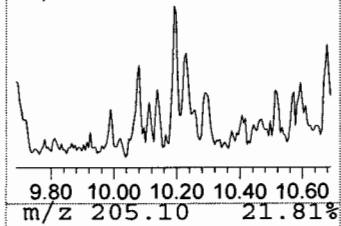
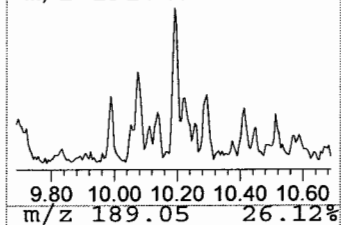
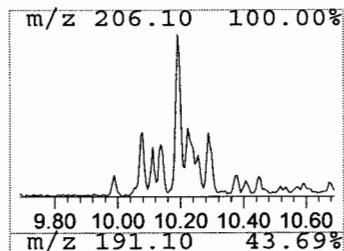
Peak Number 9 Phenanthrene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	25.56 ng	171900	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	93
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91



9M_0301.M Thu Mar 04 18:02:03 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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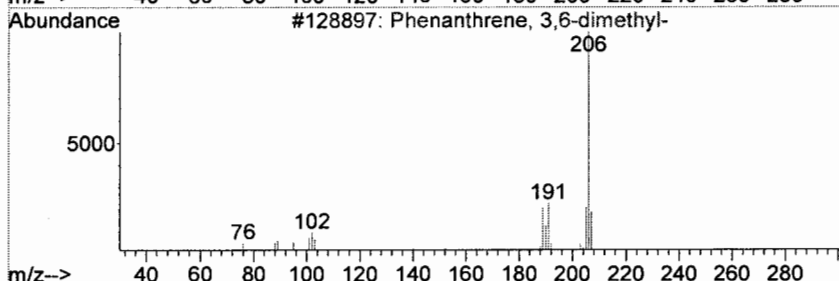
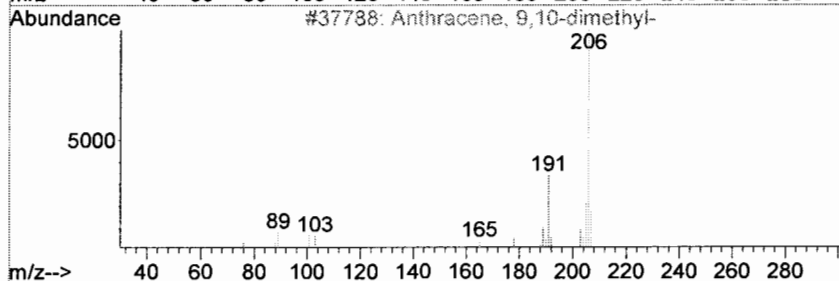
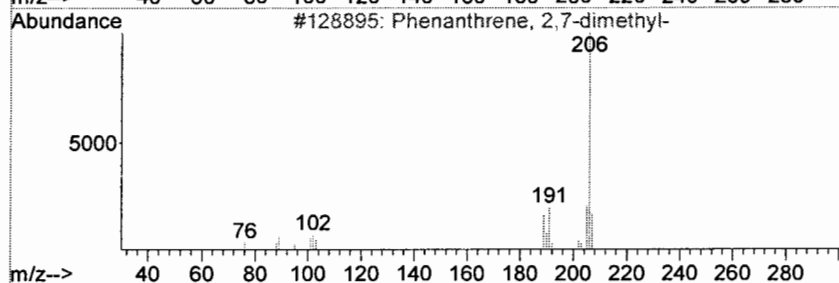
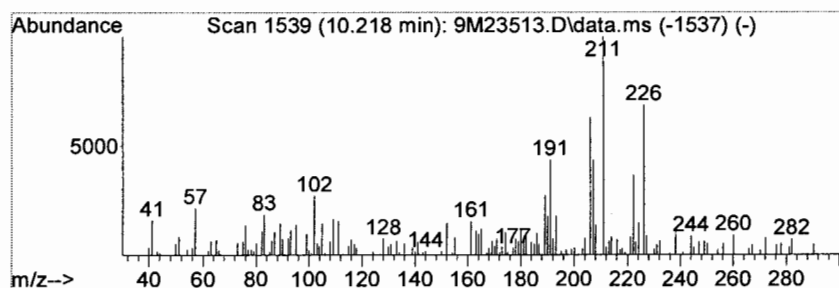
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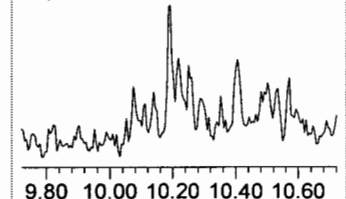
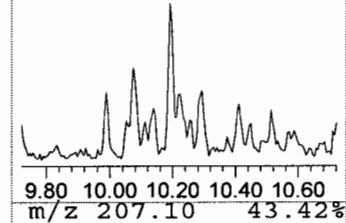
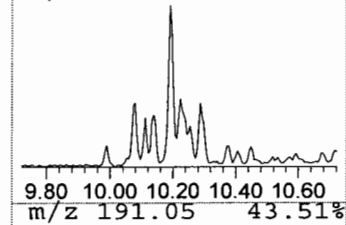
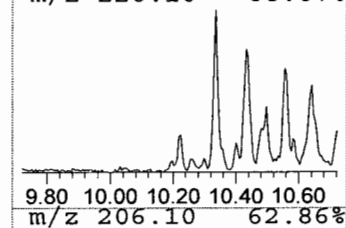
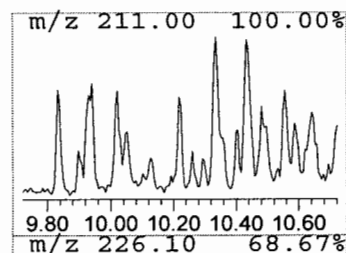
Peak Number 10 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	13.34 ng	89723	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
2			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	42
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41



9M_0301.M Thu Mar 04 18:02:05 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

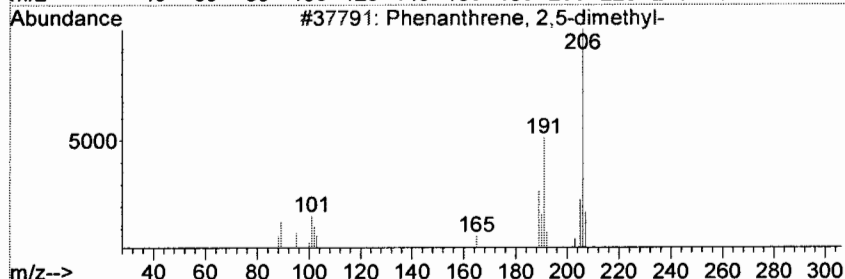
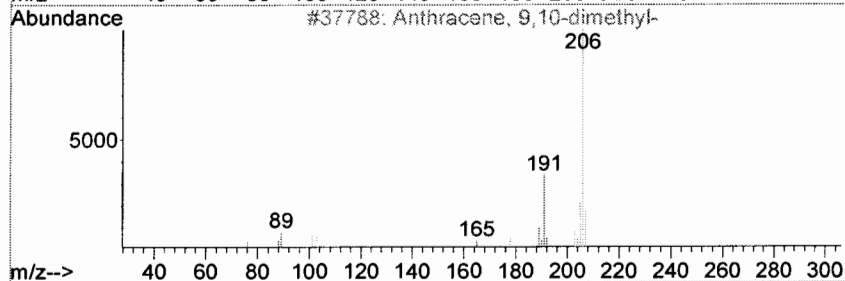
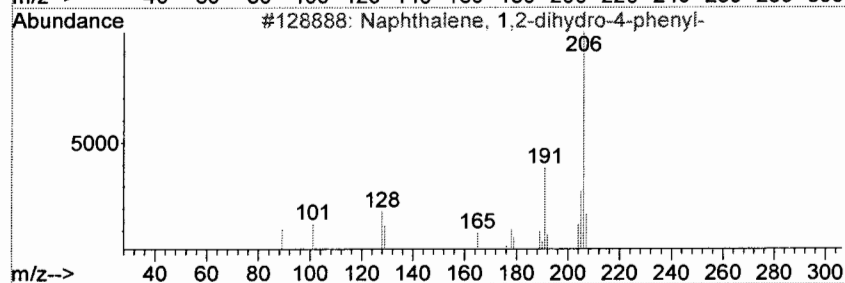
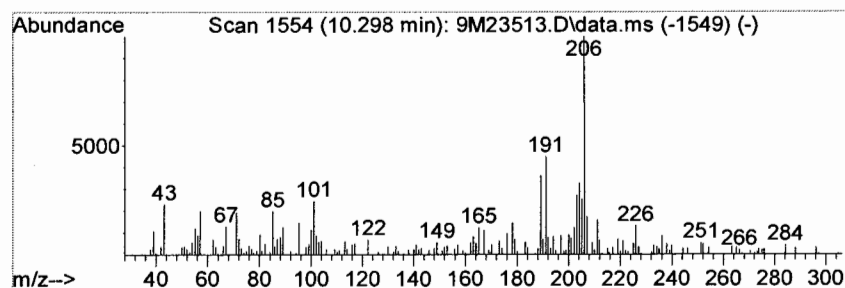
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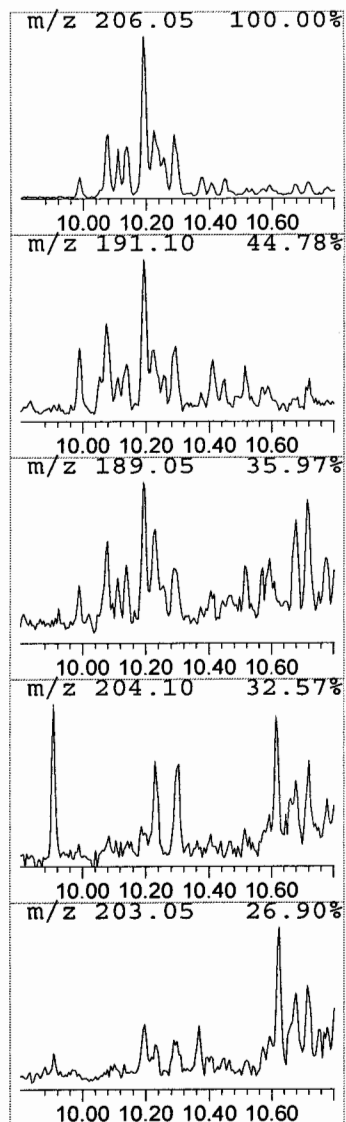
Peak Number 11 Naphthalene, 1,2-dihydro-4-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	12.14 ng	81642	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	92
2			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	83
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70



9M_0301.M Thu Mar 04 18:02:07 2010 RPT1



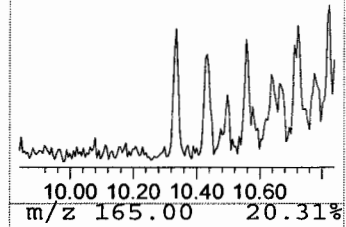
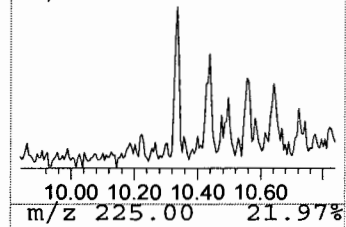
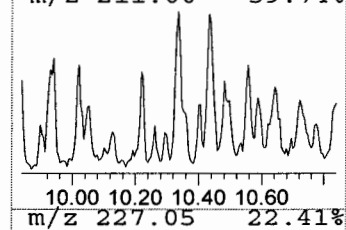
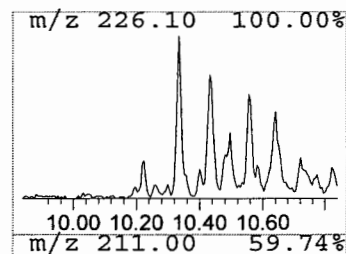
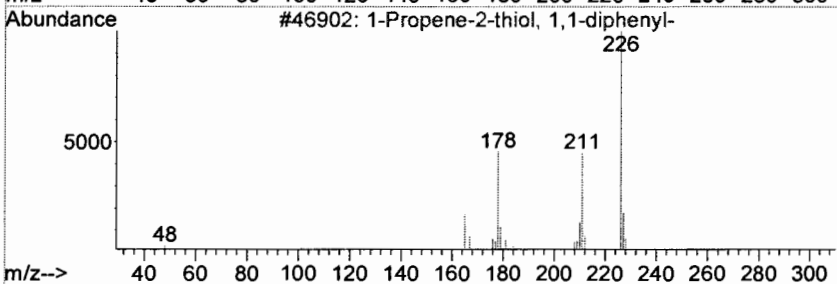
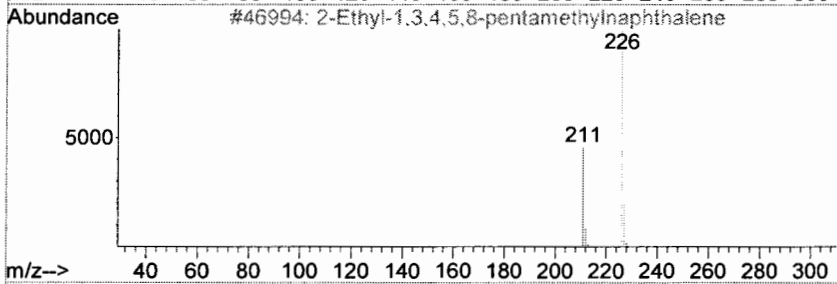
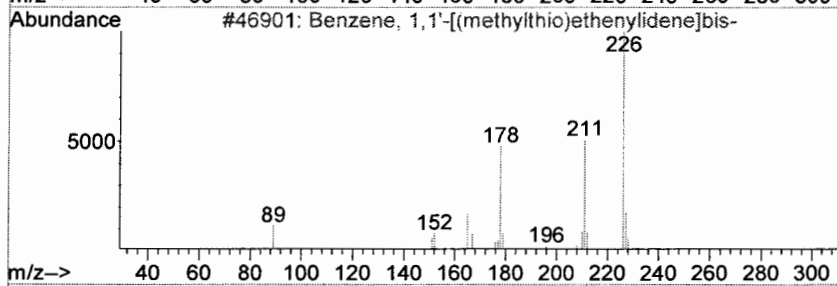
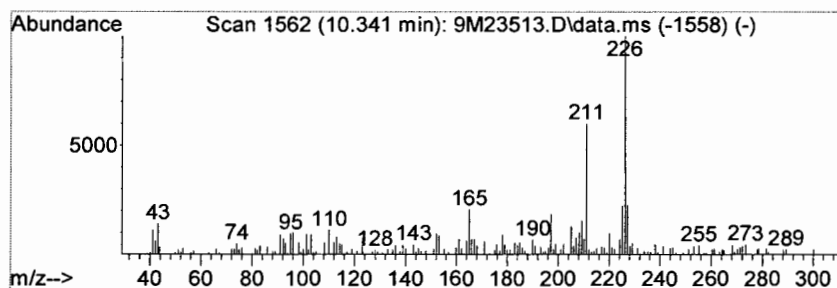
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Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

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 Benzene, 1,1'-[(methylthio)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.34	12.49 ng	83963	LibIS-Phenanthrene-d10	9.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	74
2	2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	72
3	1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	59
4	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	53
5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	47



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

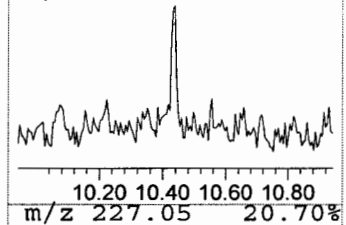
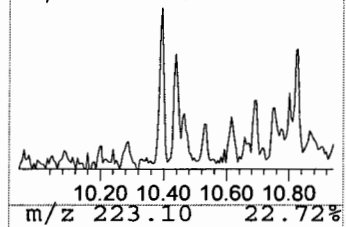
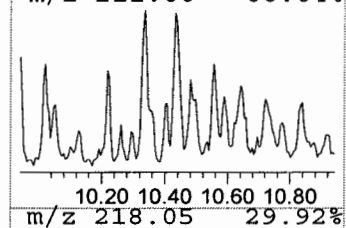
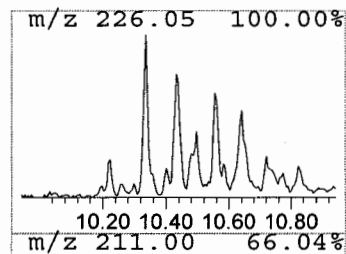
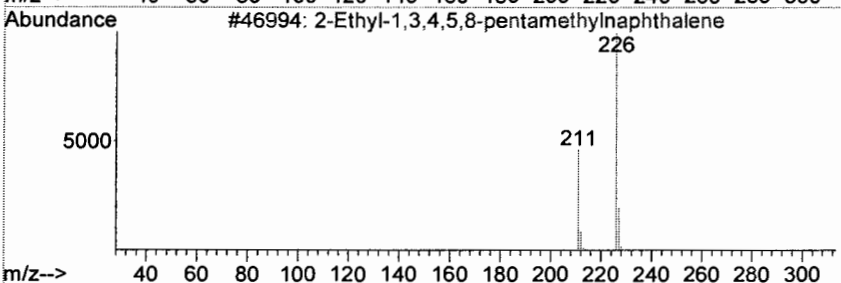
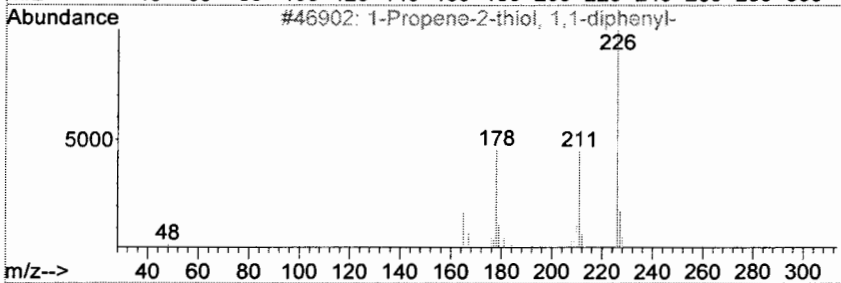
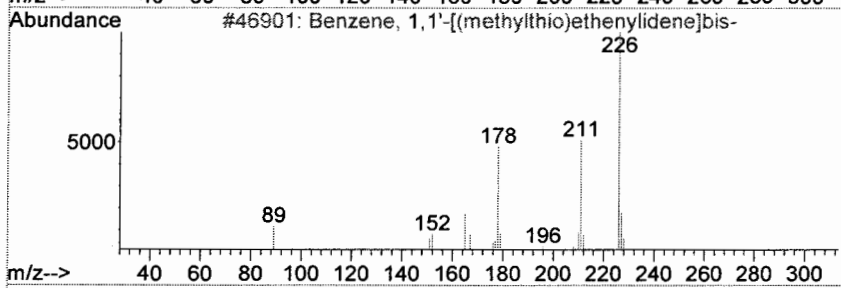
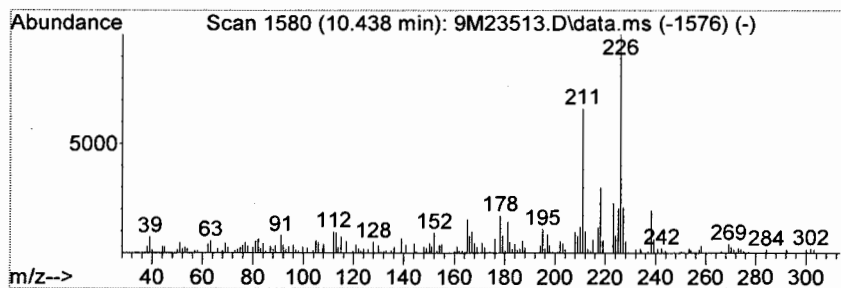
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 13 Benzene, 1,1'-[(methylthio)... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	13.37 ng	89889	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	64
2			1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	58
3			2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	50
4			9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	47
5			2',5'-DIHYDROXY-4',6'-DIMETHOXY-...	226	C11H14O5	000000-00-0	47



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

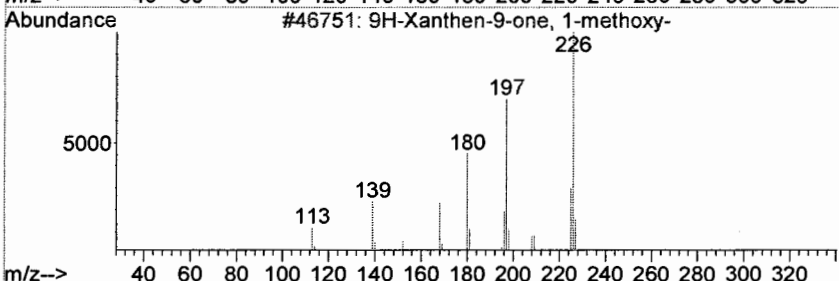
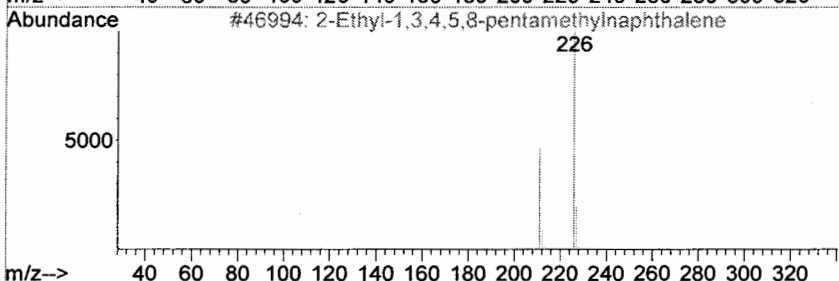
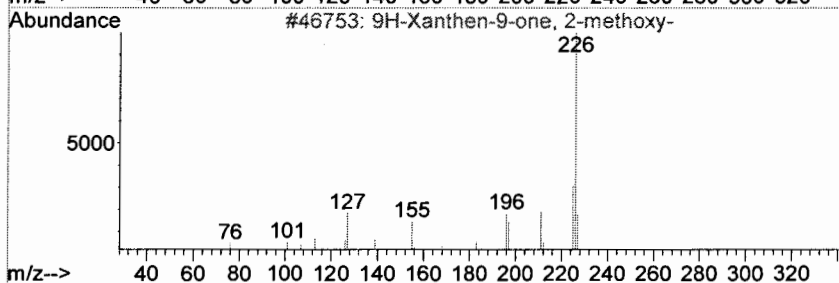
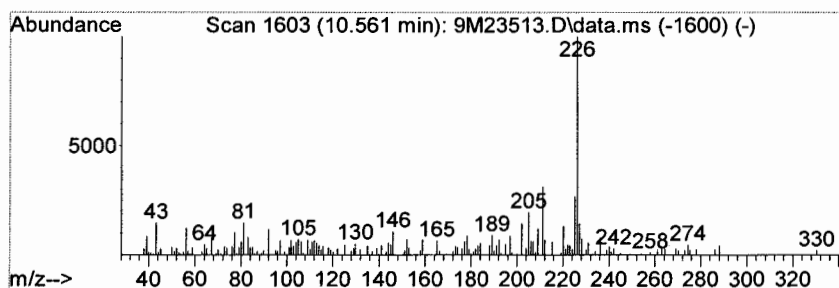
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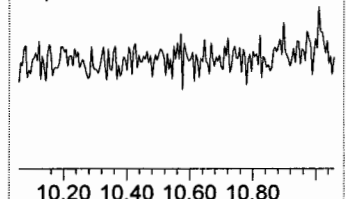
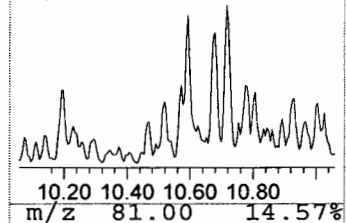
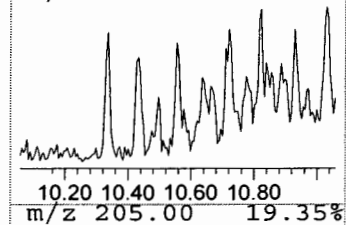
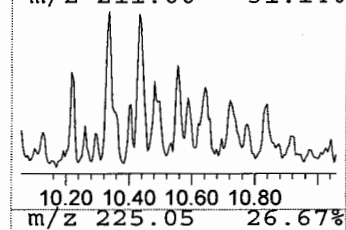
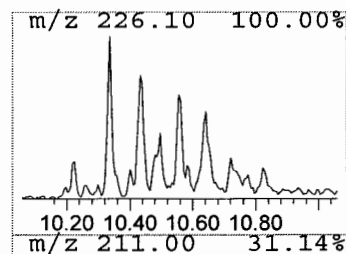
Peak Number 14 9H-Xanthen-9-one, 2-methoxy- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	10.45 ng	68488	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	50
2			2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	50
3			9H-Xanthen-9-one, 1-methoxy-	226	C14H10O3	006563-60-6	49
4			1-Propene-2-thiol, 1,1-diphenyl-	226	C15H14S	074630-83-4	47
5			9,10-Dihydro-7,8-dimethyl-4H-ben...	226	C15H14O2	081093-24-5	47



9M_0301.M Thu Mar 04 18:02:12 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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ALS Vial : 16 Sample Multiplier: 1

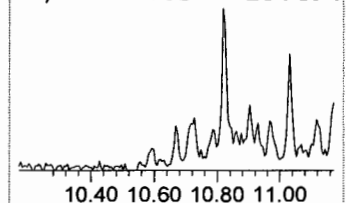
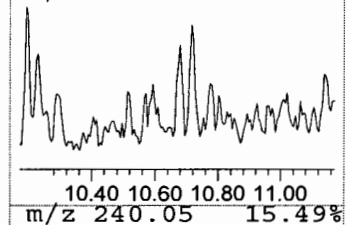
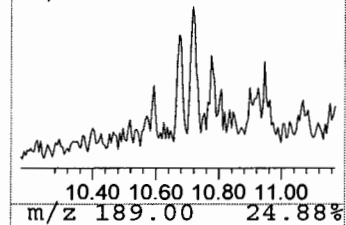
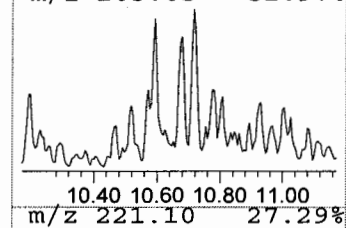
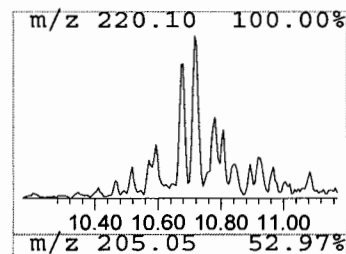
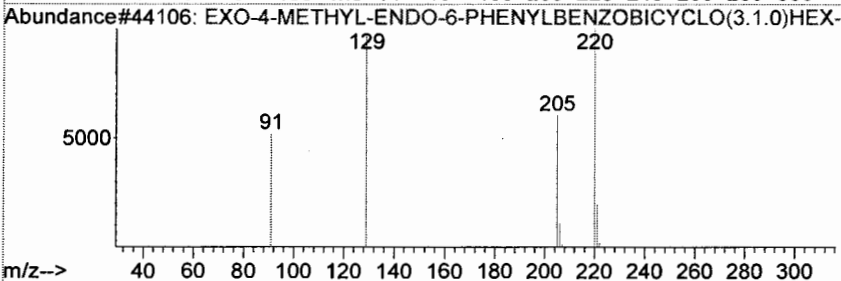
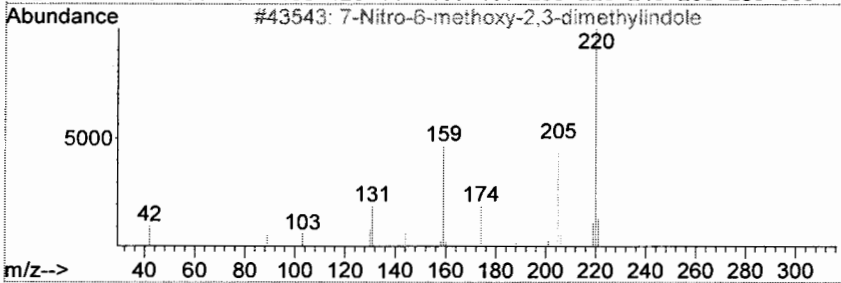
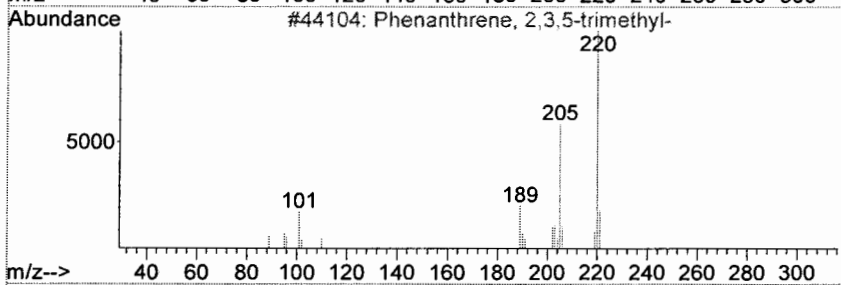
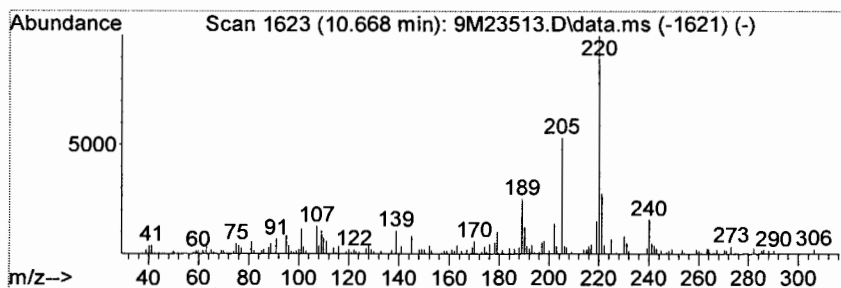
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 15 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	17.23 ng	112887	LibIS-Chrysene-d12	12.05

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	64
3	EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	59
4	3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	58
5	2,5-DIFLUORO-4'-METHOXYBIPHENYL	220	C13H10F2O	066175-46-0	50



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
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ALS Vial : 16 Sample Multiplier: 1

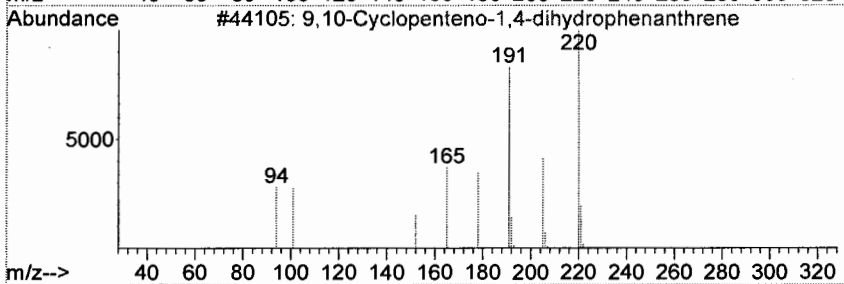
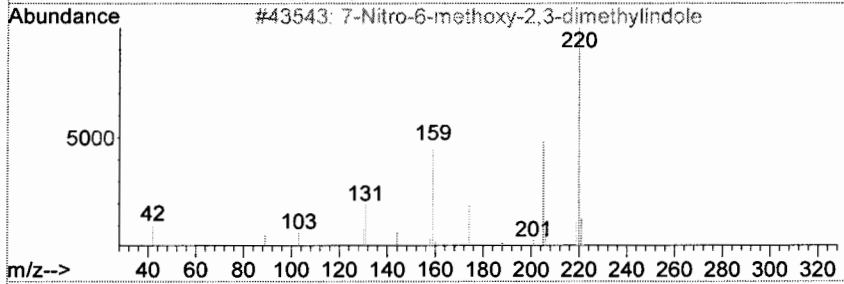
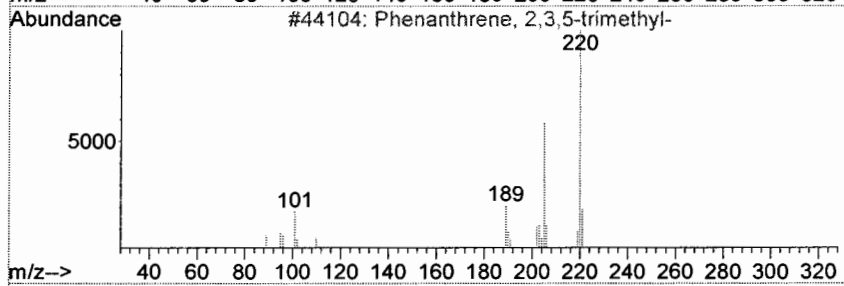
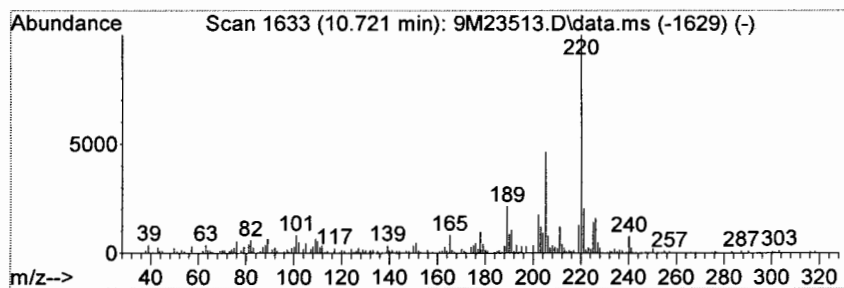
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TIC Integration Parameters: LSCINT.P

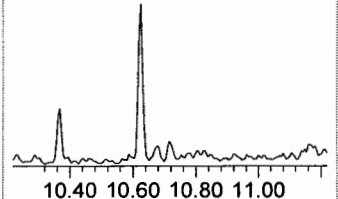
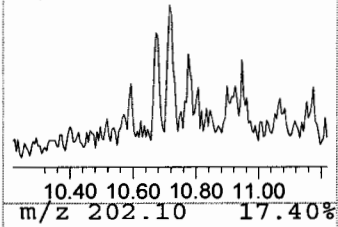
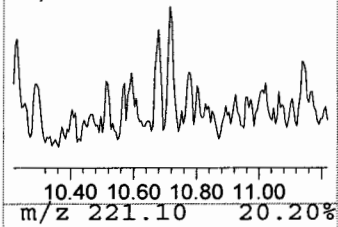
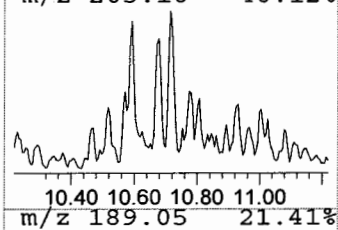
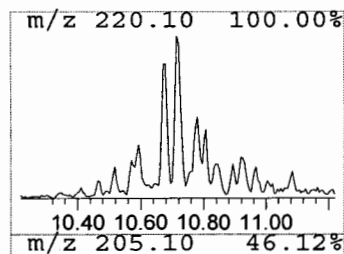
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	30.05 ng	196900	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	70
2			7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	52
3			9,10-Cyclopenteno-1,4-dihydroph...	220	C17H16	094484-21-6	50
4			EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	50
5			[4,4'-Bipyrimidine]-2,2',6(1H,1'...	220	C9H8N4O3	018694-06-9	50



9M_0301.M Thu Mar 04 18:02:16 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
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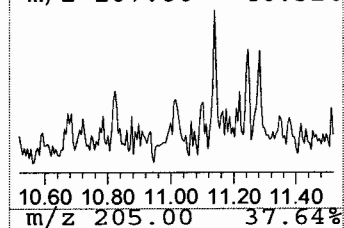
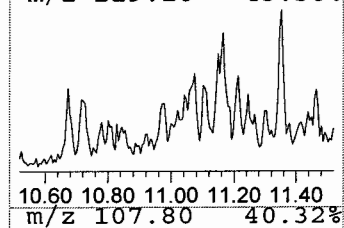
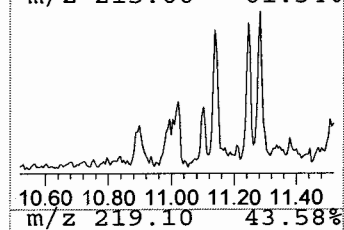
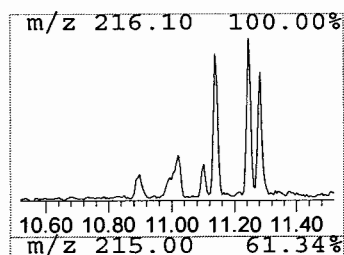
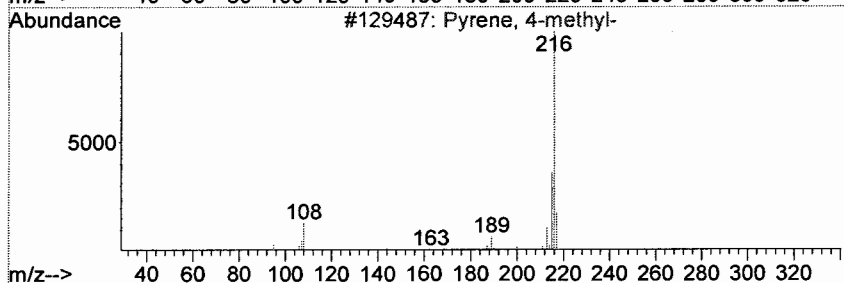
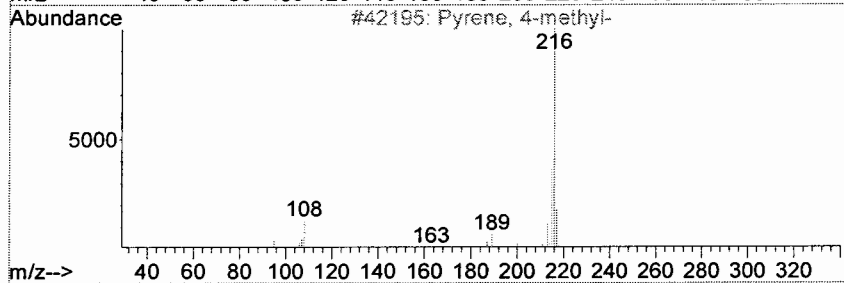
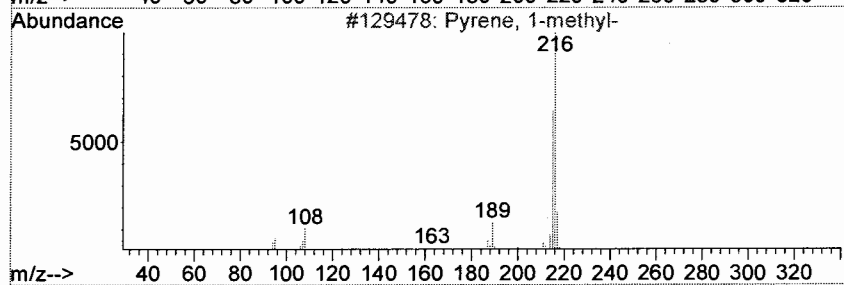
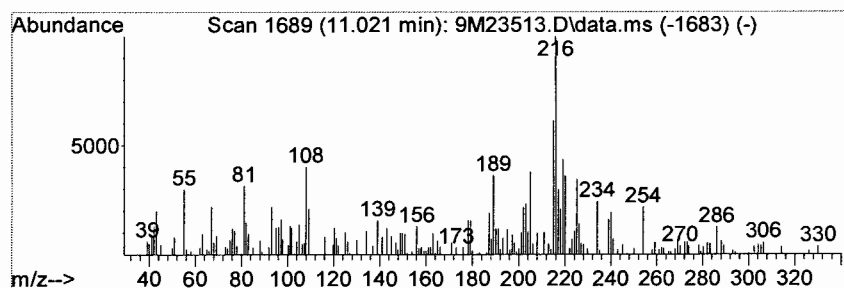
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 17 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	16.24 ng	106400	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	45
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	43
3			Pyrene, 4-methyl-	216	C17H12	003353-12-6	43
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	35
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	32



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Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

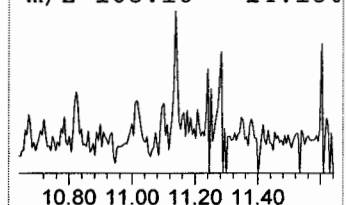
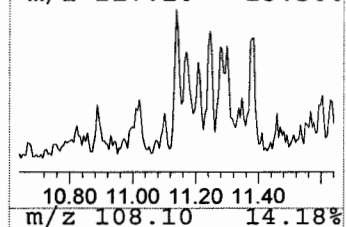
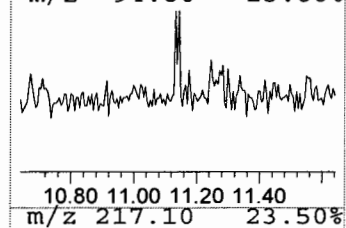
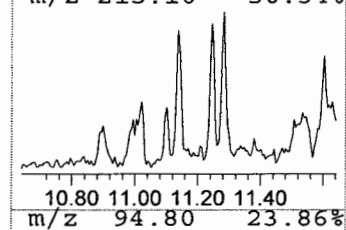
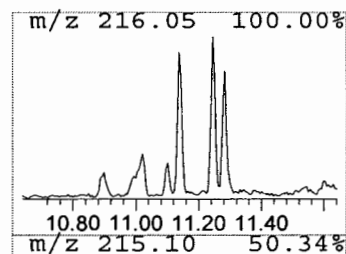
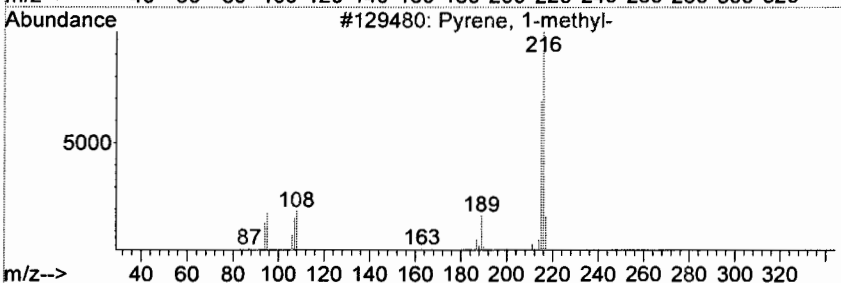
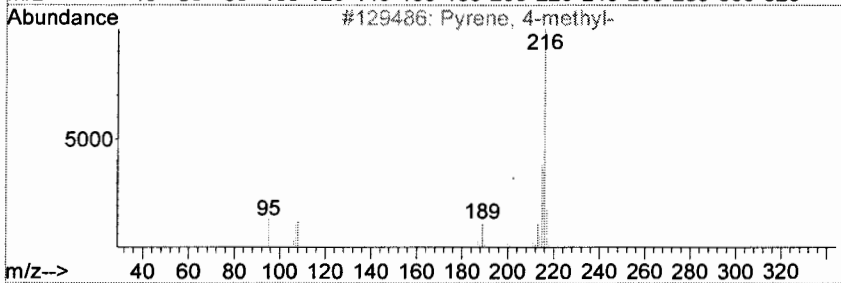
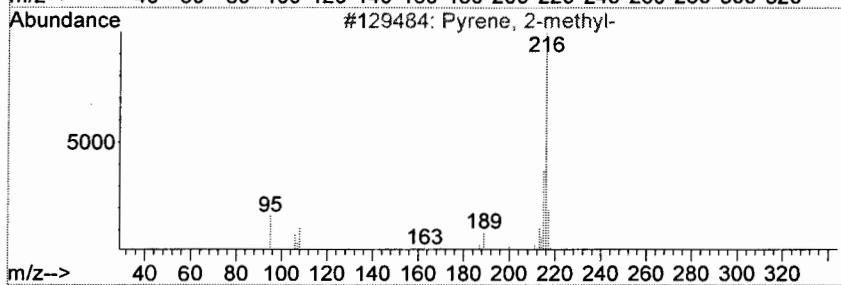
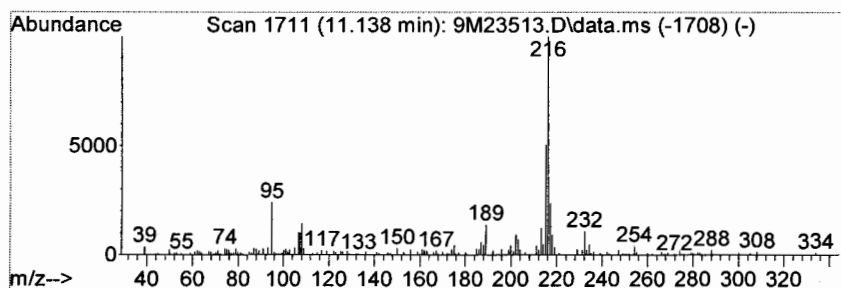
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 18 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	14.83 ng	97179	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
2			Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	64



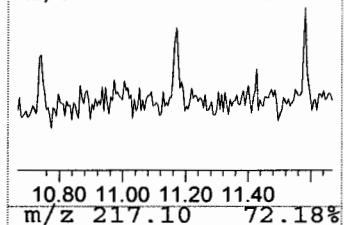
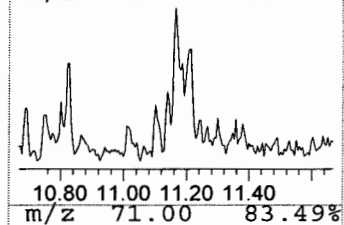
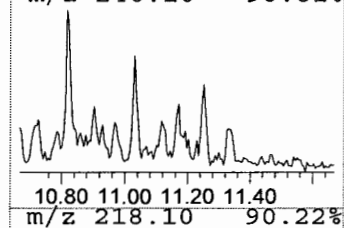
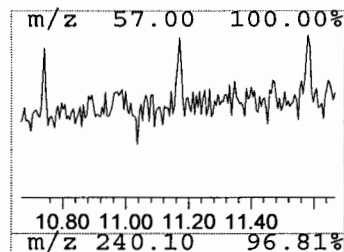
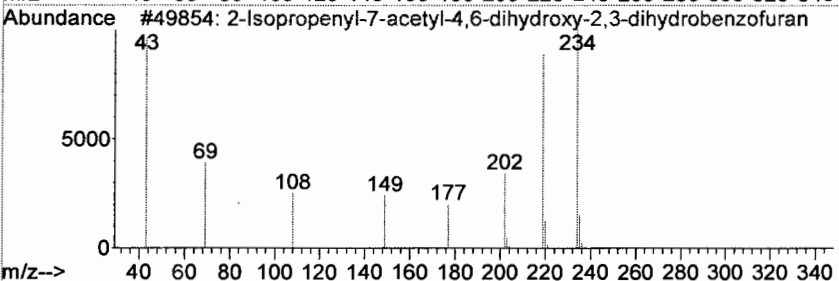
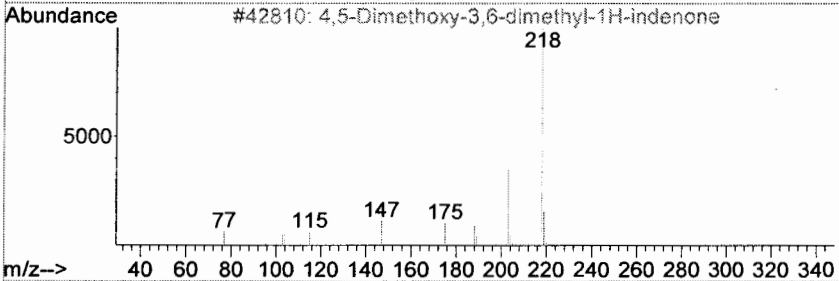
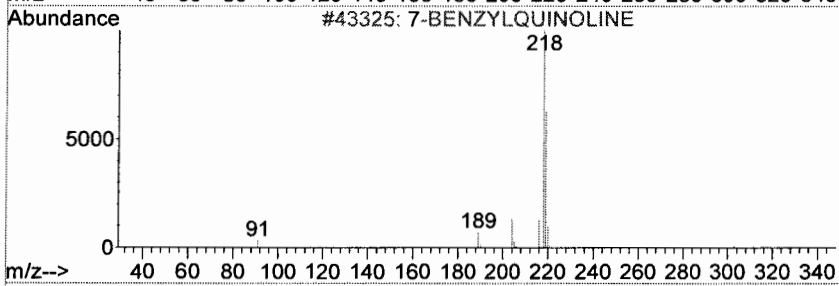
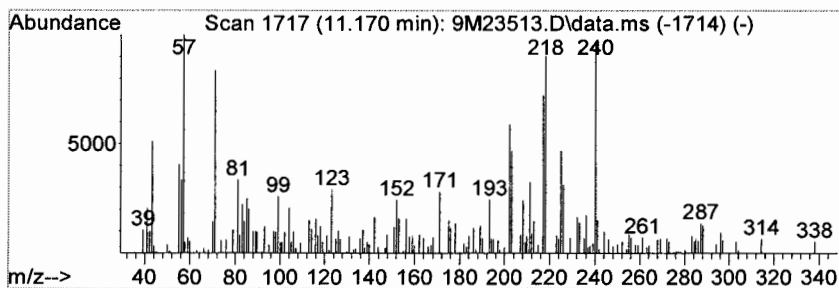
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Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

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 unknown Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	11.58 ng	75907	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-BENZYLQUINOLINE	219	C16H13N	028748-17-6	14
2	4,5-Dimethoxy-3,6-dimethyl-1H-in...	218	C13H14O3	077028-55-8	14
3	2-Isopropenyl-7-acetyl-4,6-dihyd...	234	C13H14O4	085870-18-4	11
4	PENTADEUTEROPHENYL- (P-NITROPHENY...	213	C13H6D5NO2	033350-77-5	11
5	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	10



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

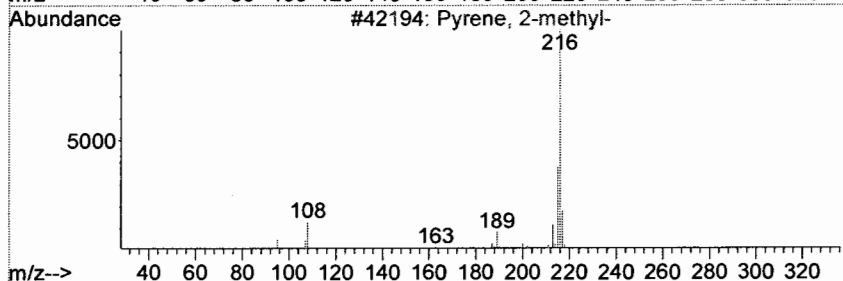
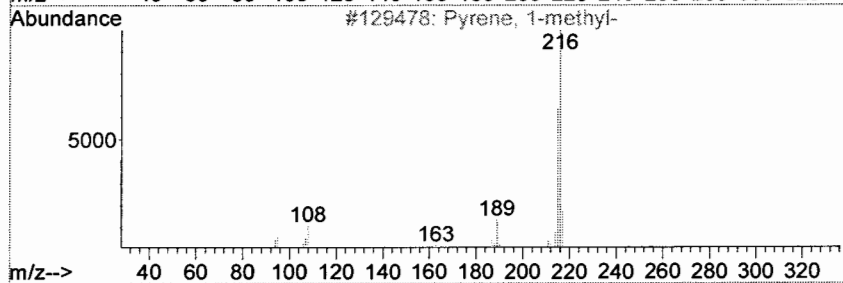
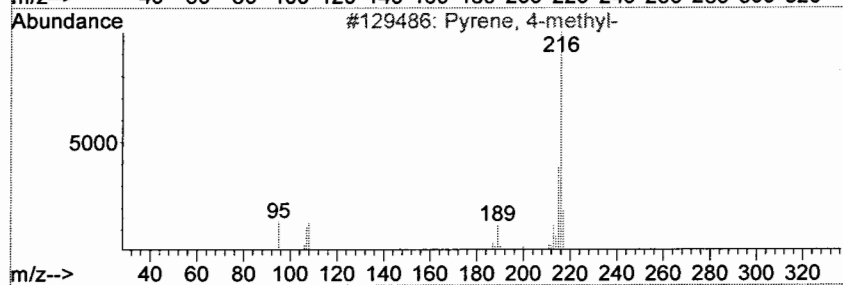
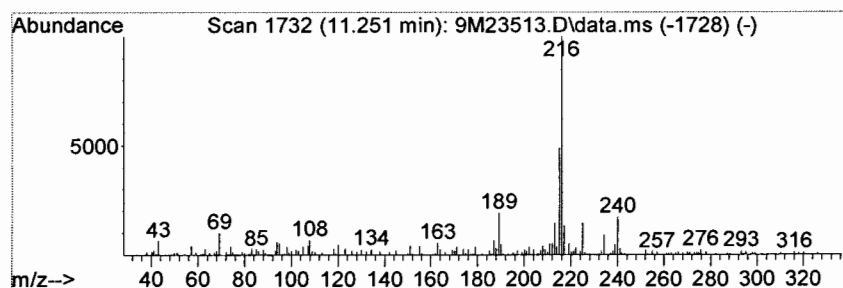
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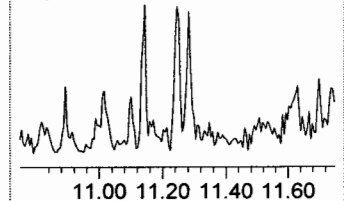
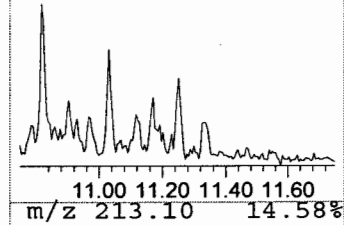
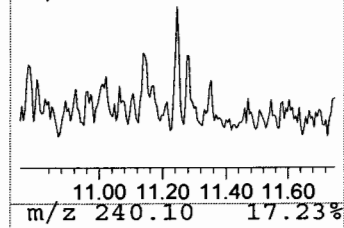
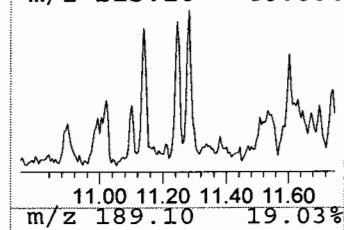
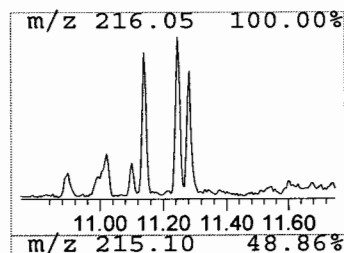
Peak Number 20 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	14.98 ng	98192	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	70



9M_0301.M Thu Mar 04 18:02:24 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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ALS Vial : 16 Sample Multiplier: 1

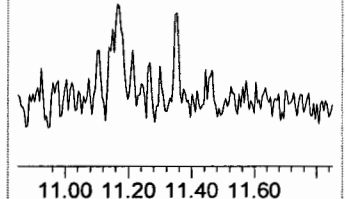
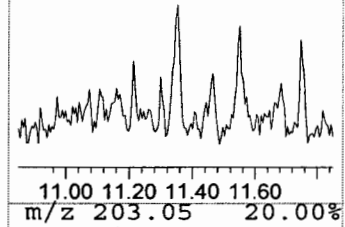
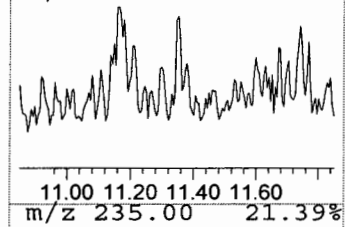
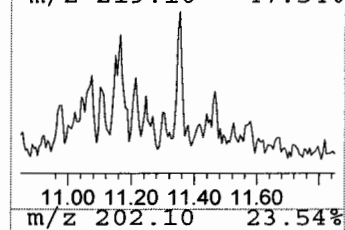
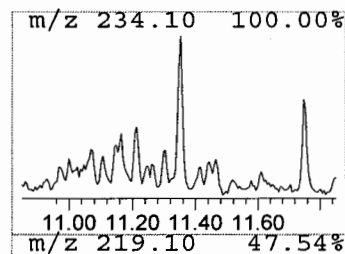
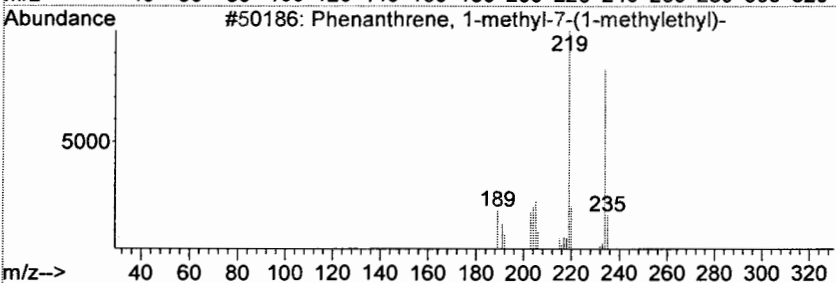
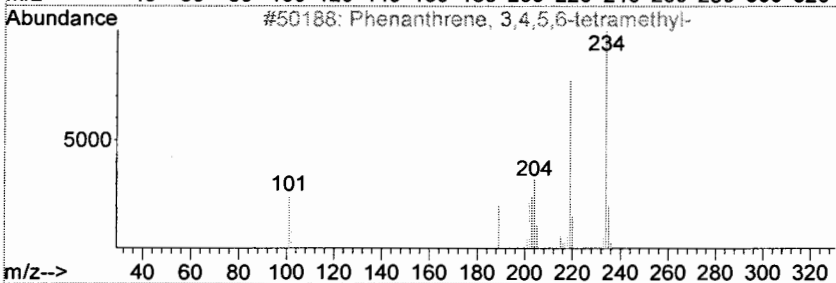
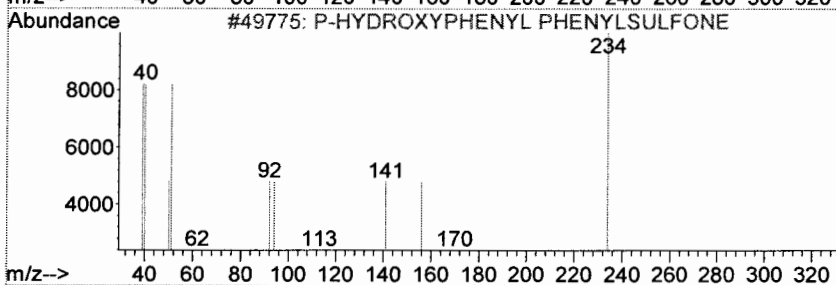
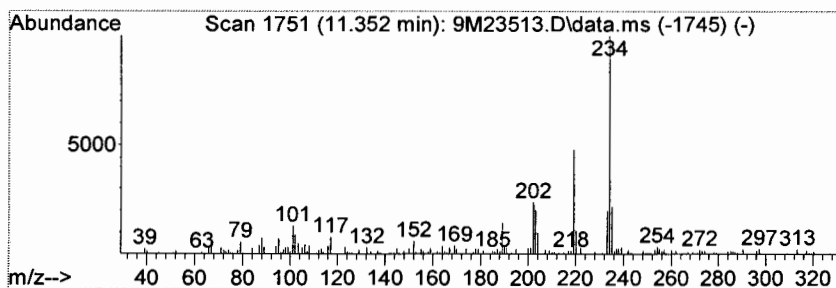
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 21 Phenanthrene, 3,4,5,6-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	14.76 ng	96708	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			P-HYDROXYPHENYL PHENYLSULFONE	234	C12H10O3S	000000-00-0	96
2			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	62
3			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	58
4			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	53
5			2,3,6,7-Tetramethylanthracene	234	C18H18	015254-25-8	52



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

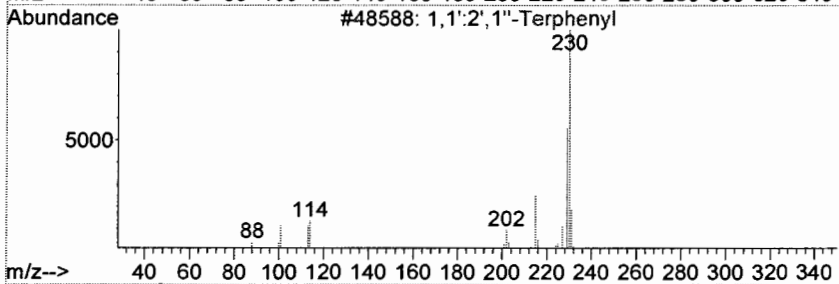
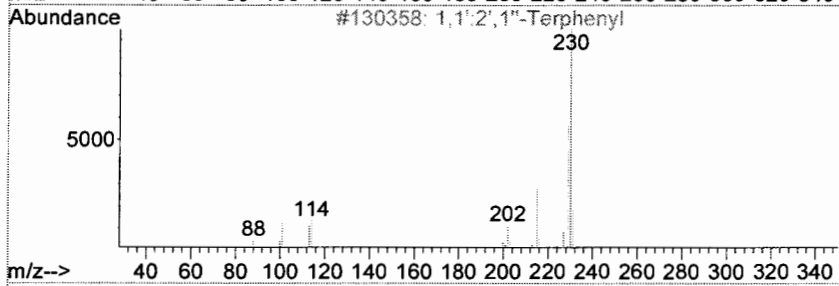
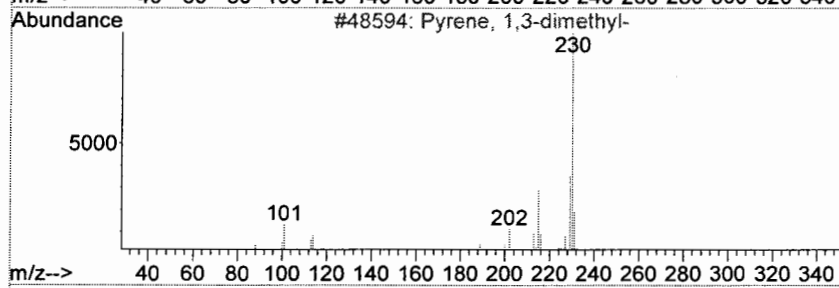
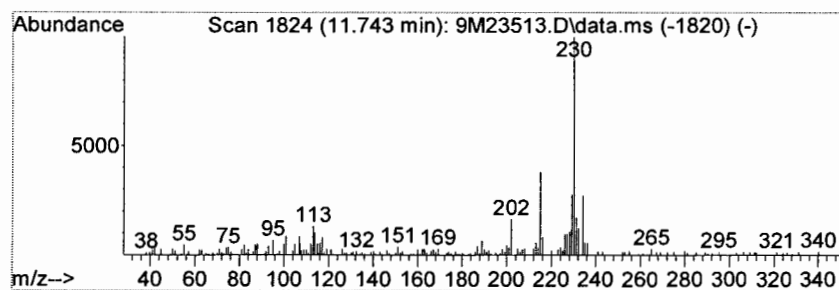
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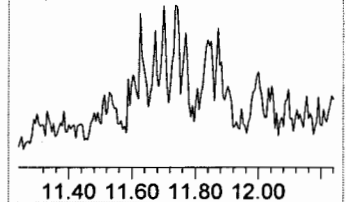
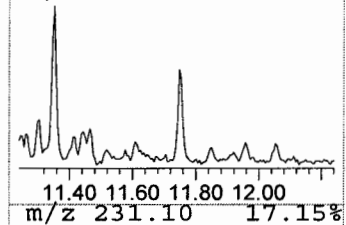
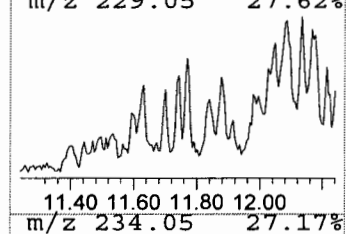
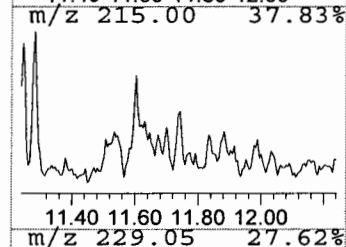
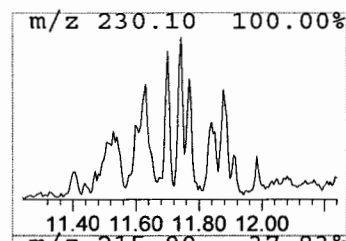
Peak Number 22 Pyrene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	13.61 ng	89158	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	89
2			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	83
3			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	64
4			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	53
5			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	53



9M_0301.M Thu Mar 04 18:02:28 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

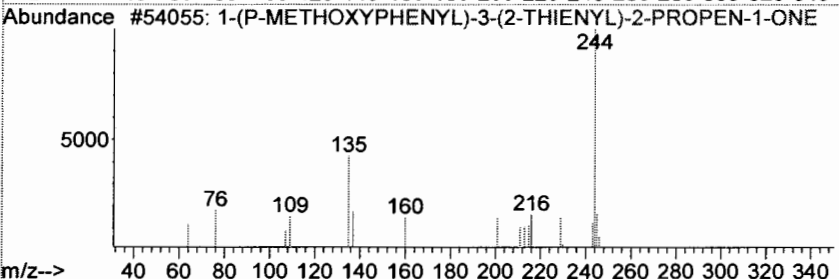
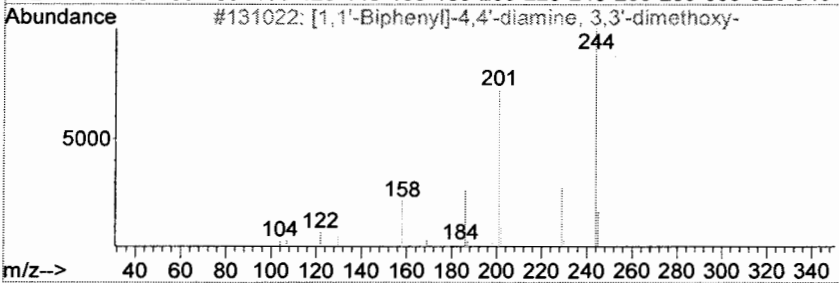
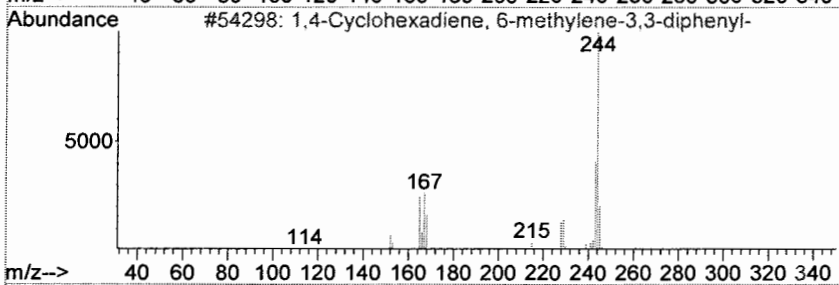
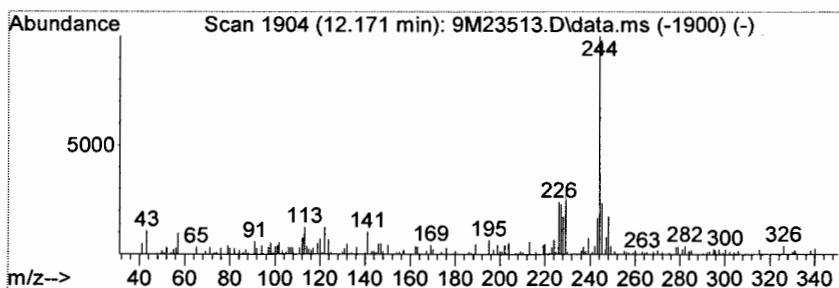
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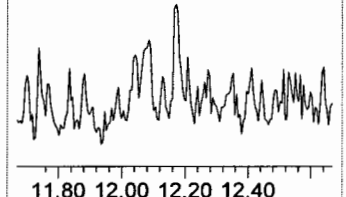
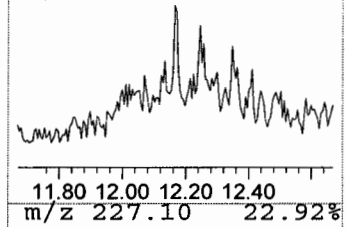
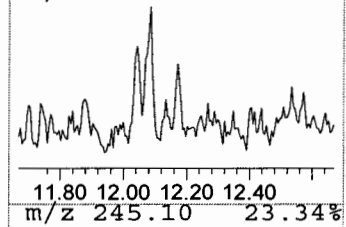
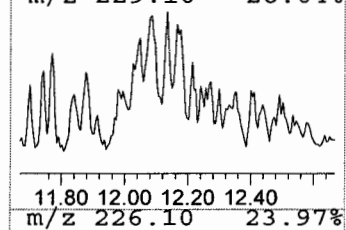
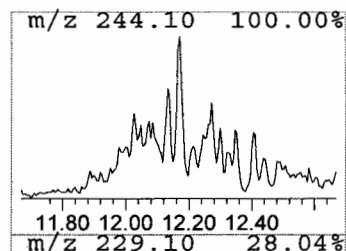
Peak Number 23 unknown Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	10.72 ng	70236	LibIS-Chrysene-d12	12.05

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Cyclohexadiene, 6-methylene-...	244	C19H16	018636-59-4	38
2		[1,1'-Biphenyl]-4,4'-diamine, 3,...	244	C14H16N2O2	000119-90-4	38
3		1-(P-METHOXYPHENYL)-3-(2-THIENYL)...	244	C14H12O2S	000000-00-0	35
4		Cytidine	243	C9H13N3O5	000065-46-3	35
5		2,2'-DIAMINO-5,5'-DIMETHOXYBIPHENYL	244	C14H16N2O2	074199-63-6	32



9M_0301.M Thu Mar 04 18:02:30 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
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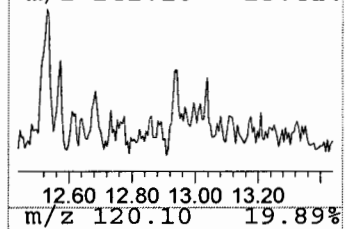
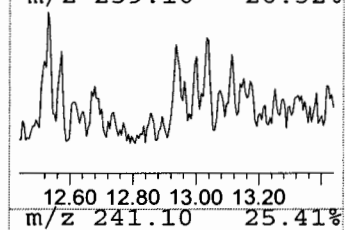
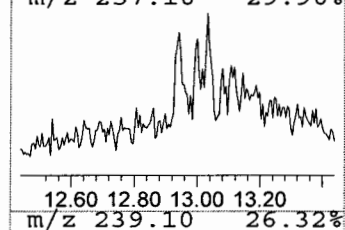
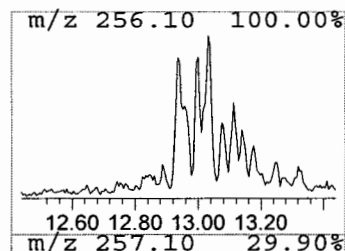
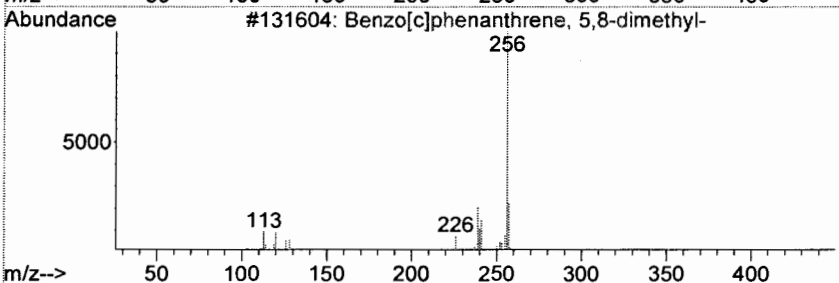
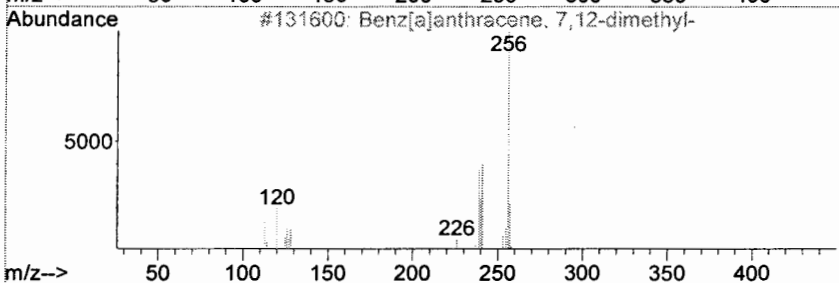
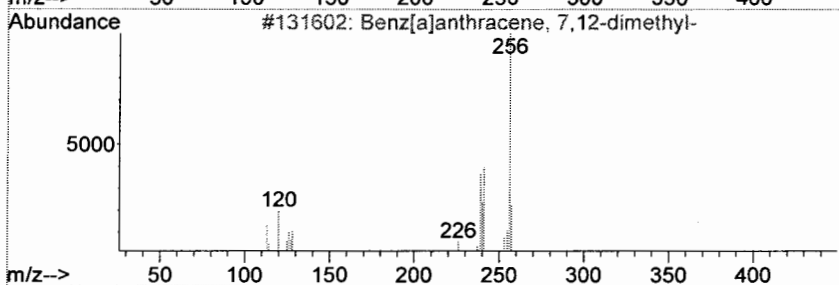
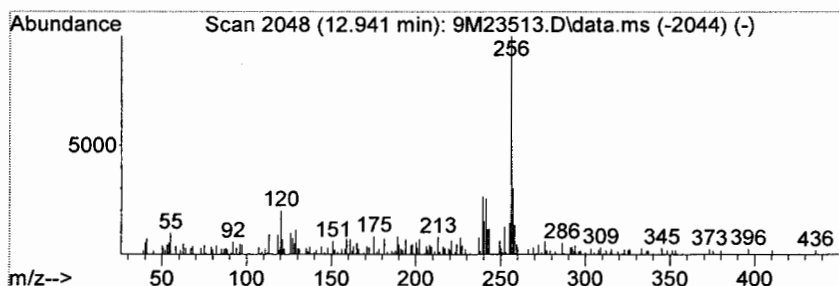
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 24 Benz[a]anthracene, 7,12-dim... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	11.31 ng	65380	LibIS-Perylene-d12	13.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	83
2			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	83
3			Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	76
4			Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	72
5			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	68



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

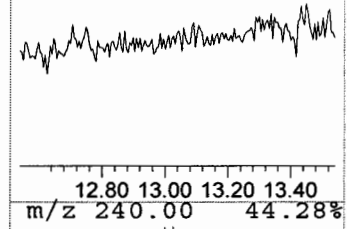
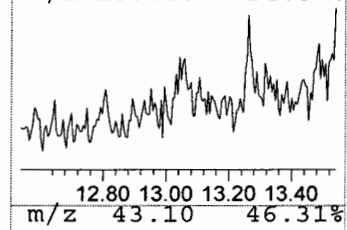
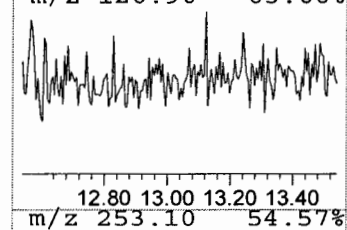
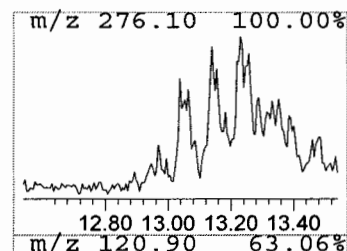
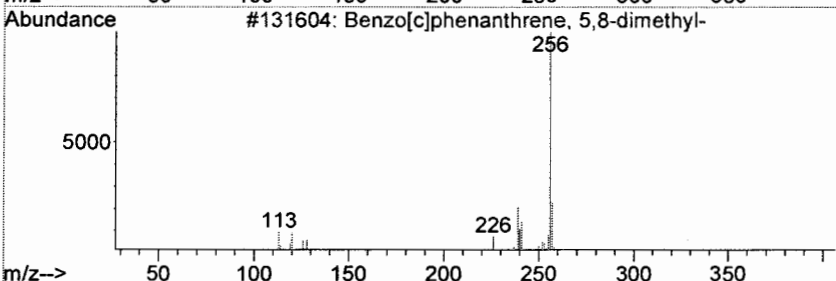
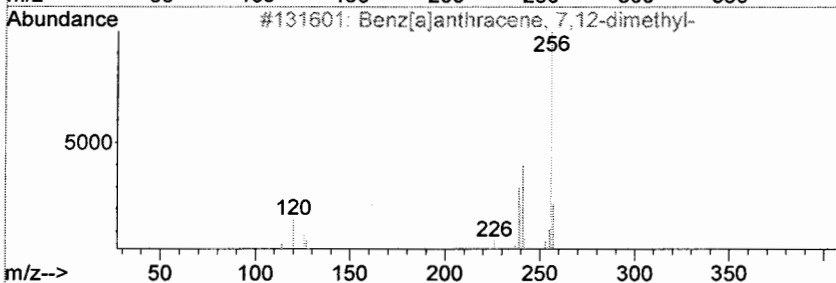
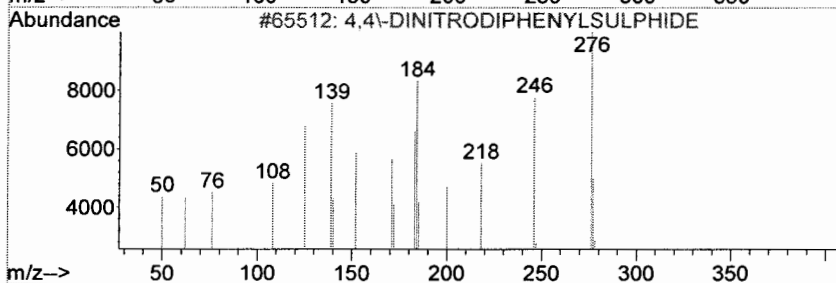
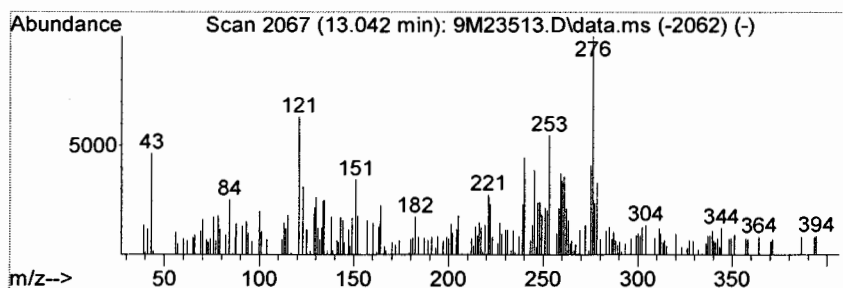
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 25 4,4\ -DINITRODIPHENYLSULPHIDE Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	10.63 ng	61442	LibIS-Perylene-d12	13.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4\ -DINITRODIPHENYLSULPHIDE	276	C12H8N2O4S	022100-66-9	91		
2	Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	38		
3	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	35		
4	2,2'-Biquinoline	256	C18H12N2	000119-91-5	22		
5	2,2'-Biquinoline	256	C18H12N2	000119-91-5	22		



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

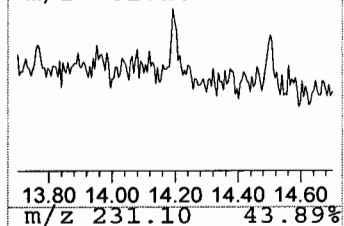
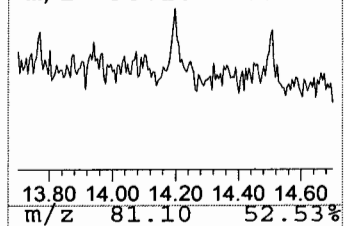
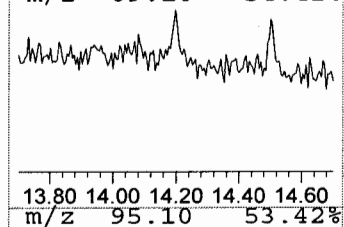
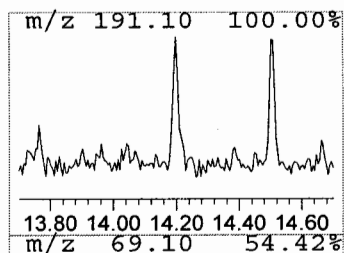
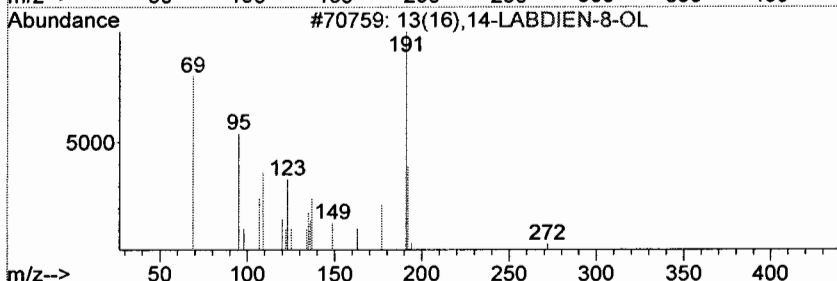
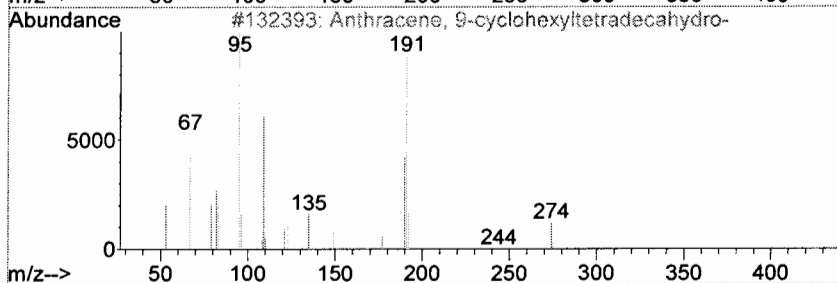
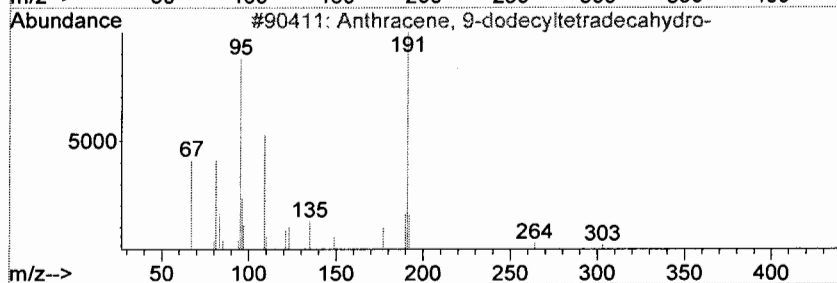
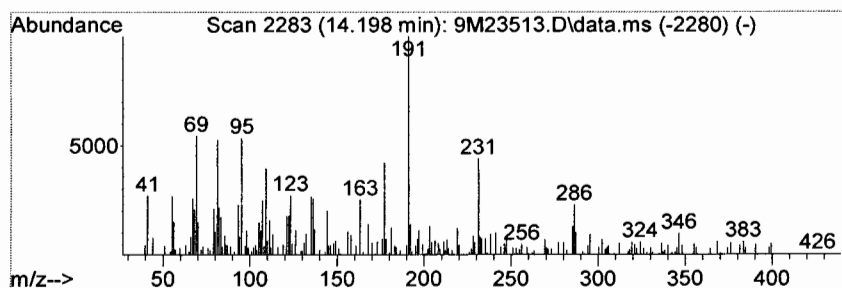
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 26 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	16.64 ng	96152	LibIS-Perylene-d12	13.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
2			Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	43
3			13(16),14-LABDIEN-8-OL	290	C20H34O	000000-00-0	38
4			Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
5			8,12.XI.-EPOXYLABD-14-EN-13.XI.-...	306	C20H34O2	056711-39-8	25



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

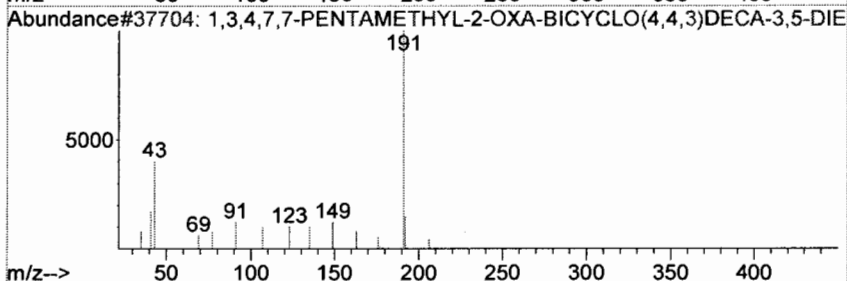
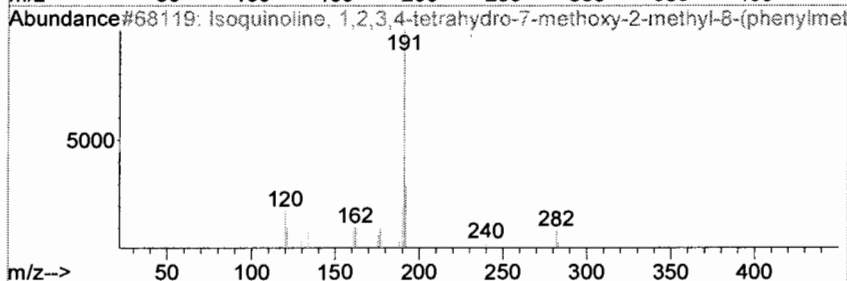
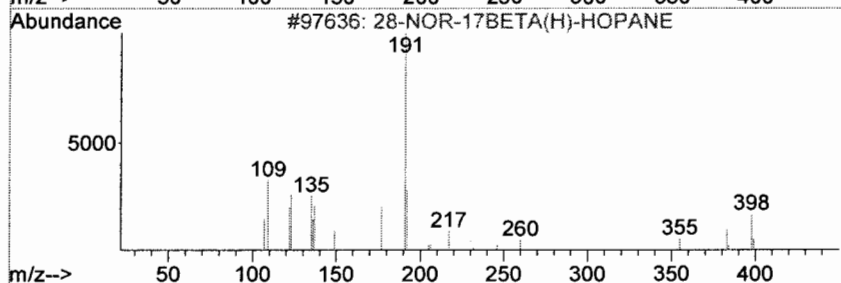
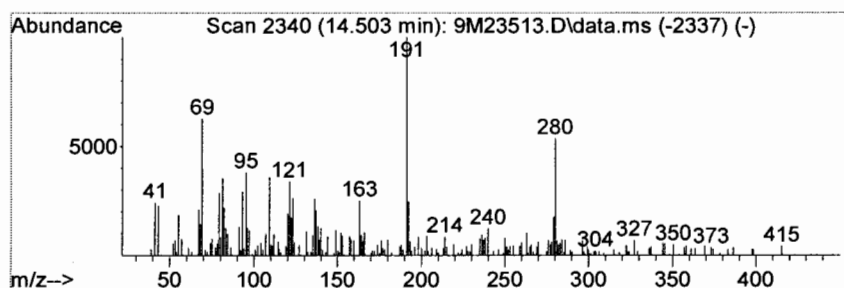
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Quant Title : @GCMS_9,mg,625,8270

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

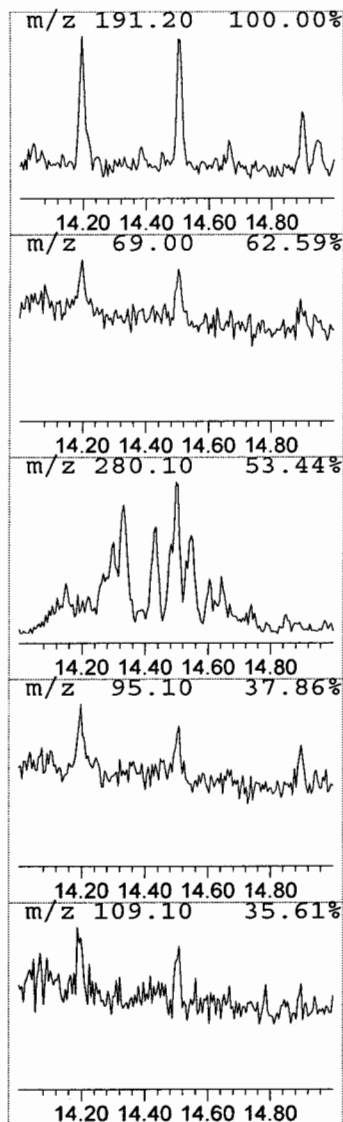
Peak Number 27 28-NOR-17BETA(H)-HOPANE Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	12.15 ng	70189	LibIS-Perylene-d12	13.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-NOR-17BETA(H)-HOPANE	398	C29H50	036728-72-0	64
2			Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	35
3			1,3,4,7,7-PENTAMETHYL-2-OXA-BICY...	206	C14H22O	000000-00-0	30
4			8,12.XI.-EPOXYLABD-14-EN-13.XI.-...	306	C20H34O2	056711-40-1	25
5			8,12.XI.-EPOXYLABD-14-EN-13.XI.-...	306	C20H34O2	056711-39-8	25



9M_0301.M Thu Mar 04 18:02:38 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23513.D
Acq On : 2 Mar 2010 14:22
Operator : AHD
Sample : AC50034-001(2X)
Misc : S,BNA:2
ALS Vial : 16 Sample Multiplier: 1

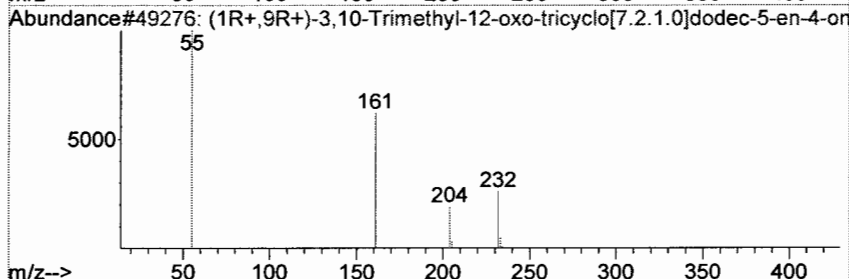
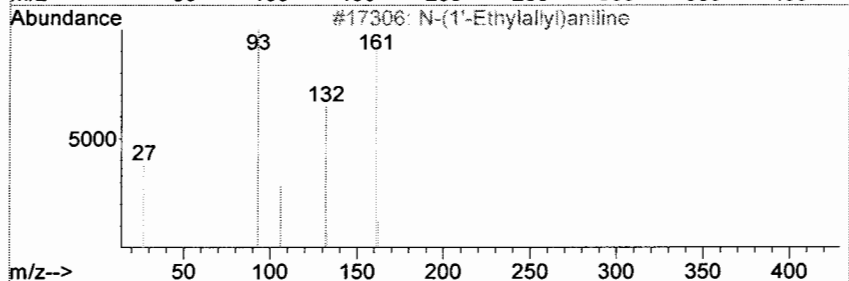
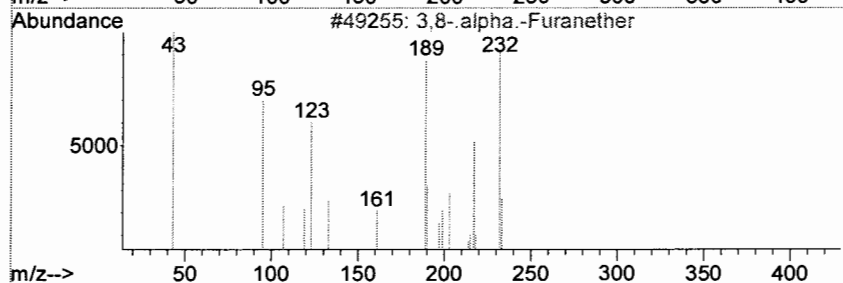
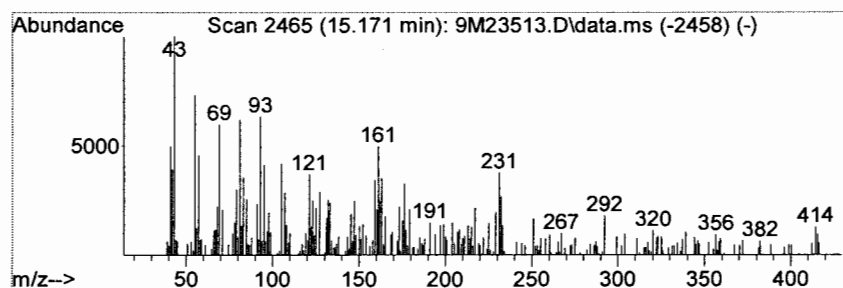
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

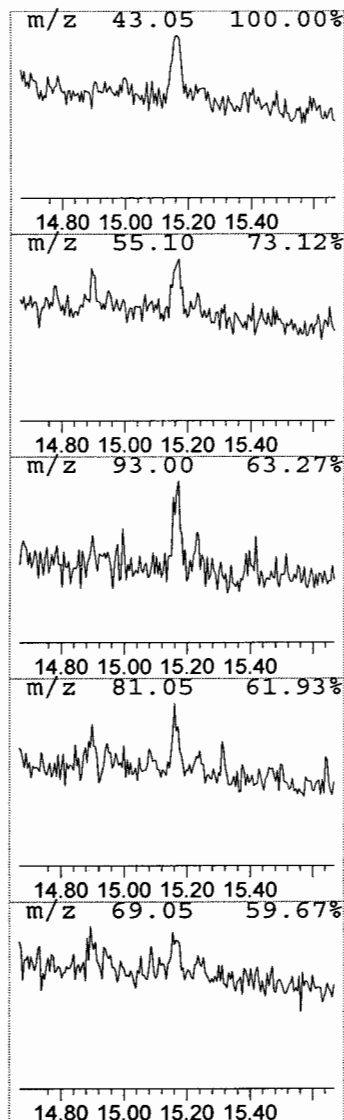
Peak Number 28 unknown Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	26.22 ng	151528	LibIS-Perylene-d12	13.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,8-.alpha.-Furanether	232	C15H20O2	076601-35-5	22
2			N-(1'-Ethylallyl)aniline	161	C11H15N	032704-25-9	16
3			(1R+,9R+)-3,10-Trimethyl-12-oxo-...	232	C15H20O2	089163-86-0	14
4			(R)-(-)-3-(1.ALPHA.,2.ALPHA.-EPO...	392	C23H36O3S	063975-90-6	11
5			(1R,3S,4S,8R,11Z)-3,15-Epoxycomb...	352	C20H32O5	087340-38-3	11



9M_0301.M Thu Mar 04 18:02:39 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23513.D
 Acq On : 2 Mar 2010 14:22
 Operator : AHD
 Sample : AC50034-001(2X)
 Misc : S,BNA:2
 ALS Vial : 16 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	3.26	8.7	ng	32432	1	5.27	5.27	149791	40.0
2-Pentanone, 4-hy...	3.67	1642.7	ng	6151591	1	5.27	5.27	149791	40.0
5-Ethyl-1,3-dimet...	8.47	10.4	ng	69692	4	9.04	9.04	268990	40.0
9H-Fluorene, 2,3-...	9.16	11.1	ng	74530	4	9.04	9.04	268990	40.0
Benzene, 1-fluoro...	9.38	9.0	ng	60661	4	9.04	9.04	268990	40.0
unknown	9.69	8.8	ng	59028	4	9.04	9.04	268990	40.0
3,6-Dimethyldiben...	9.83	13.5	ng	90629	4	9.04	9.04	268990	40.0
Phenanthrene, 2,5...	10.08	16.6	ng	111693	4	9.04	9.04	268990	40.0
Phenanthrene, 2,7...	10.19	25.6	ng	171900	4	9.04	9.04	268990	40.0
unknown	10.22	13.3	ng	89723	4	9.04	9.04	268990	40.0
Naphthalene, 1,2-...	10.30	12.1	ng	81642	4	9.04	9.04	268990	40.0
Benzene, 1,1'-[(m...	10.34	12.5	ng	83963	4	9.04	9.04	268990	40.0
Benzene, 1,1'-[(m...	10.44	13.4	ng	89889	4	9.04	9.04	268990	40.0
9H-Xanthen-9-one,...	10.56	10.5	ng	68488	5	12.05	12.05	262115	40.0
Phenanthrene, 2,3...	10.67	17.2	ng	112887	5	12.05	12.05	262115	40.0
Phenanthrene, 2,3...	10.72	30.0	ng	196900	5	12.05	12.05	262115	40.0
unknown	11.02	16.2	ng	106400	5	12.05	12.05	262115	40.0
Pyrene, 2-methyl-	11.14	14.8	ng	97179	5	12.05	12.05	262115	40.0
unknown	11.17	11.6	ng	75907	5	12.05	12.05	262115	40.0
Pyrene, 4-methyl-	11.25	15.0	ng	98192	5	12.05	12.05	262115	40.0
Phenanthrene, 3,4...	11.35	14.8	ng	96708	5	12.05	12.05	262115	40.0
Pyrene, 1,3-dimet...	11.74	13.6	ng	89158	5	12.05	12.05	262115	40.0
unknown	12.17	10.7	ng	70236	5	12.05	12.05	262115	40.0
Benz[a]anthracene...	12.94	11.3	ng	65380	6	13.66	13.66	231143	40.0
4,4\ -DINITRODIPHE...	13.04	10.6	ng	61442	6	13.66	13.66	231143	40.0
unknown	14.20	16.6	ng	96152	6	13.66	13.66	231143	40.0
28-NOR-17BETA(H) -...	14.50	12.1	ng	70189	6	13.66	13.66	231143	40.0
unknown	15.17	26.2	ng	151528	6	13.66	13.66	231143	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-002

Client Id: PI01-TP-RAO1022210S01

Data File: 9M23514.D

Analysis Date: 03/02/10 14:45

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 76

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.088	U	191-24-2	Benzo[g,h,i]perylene	0.088	0.17
122-66-7	1,2-Diphenylhydrazine	0.088	U	207-08-9	Benzo[k]fluoranthene	0.088	0.13
95-95-4	2,4,5-Trichlorophenol	0.088	U	65-85-0	Benzoic Acid	0.44	U
88-06-2	2,4,6-Trichlorophenol	0.088	U	111-91-1	bis(2-Chloroethoxy)methan	0.088	U
120-83-2	2,4-Dichlorophenol	0.088	U	111-44-4	bis(2-Chloroethyl)ether	0.088	U
105-67-9	2,4-Dimethylphenol	0.088	U	108-60-1	bis(2-chloroisopropyl)ether	0.088	U
51-28-5	2,4-Dinitrophenol	0.44	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.088	U
121-14-2	2,4-Dinitrotoluene	0.088	U	85-68-7	Butylbenzylphthalate	0.088	U
606-20-2	2,6-Dinitrotoluene	0.088	U	86-74-8	Carbazole	0.088	U
91-58-7	2-Chloronaphthalene	0.088	U	218-01-9	Chrysene	0.088	0.20
95-57-8	2-Chlorophenol	0.088	U	53-70-3	Dibenzo[a,h]anthracene	0.088	U
91-57-6	2-Methylnaphthalene	0.088	U	132-64-9	Dibenzofuran	0.088	U
95-48-7	2-Methylphenol	0.088	U	84-66-2	Diethylphthalate	0.088	U
88-74-4	2-Nitroaniline	0.088	U	131-11-3	Dimethylphthalate	0.088	U
88-75-5	2-Nitrophenol	0.088	U	84-74-2	Di-n-butylphthalate	0.088	U
106-44-5	3&4-Methylphenol	0.088	U	117-84-0	Di-n-octylphthalate	0.088	U
91-94-1	3,3'-Dichlorobenzidine	0.088	U	206-44-0	Fluoranthene	0.088	0.29
99-09-2	3-Nitroaniline	0.088	U	86-73-7	Fluorene	0.088	U
534-52-1	4,6-Dinitro-2-methylphenol	0.44	U	118-74-1	Hexachlorobenzene	0.088	U
101-55-3	4-Bromophenyl-phenylether	0.088	U	87-68-3	Hexachlorobutadiene	0.088	U
59-50-7	4-Chloro-3-methylphenol	0.088	U	77-47-4	Hexachlorocyclopentadiene	0.44	U
106-47-8	4-Chloroaniline	0.088	U	67-72-1	Hexachloroethane	0.088	U
7005-72-3	4-Chlorophenyl-phenylether	0.088	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.088	0.12
100-01-6	4-Nitroaniline	0.088	U	78-59-1	Isophorone	0.088	U
100-02-7	4-Nitrophenol	0.088	U	91-20-3	Naphthalene	0.088	U
83-32-9	Acenaphthene	0.088	U	98-95-3	Nitrobenzene	0.088	U
208-96-8	Acenaphthylene	0.088	U	62-75-9	N-Nitrosodimethylamine	0.088	U
62-53-3	Aniline	0.088	U	621-64-7	N-Nitroso-di-n-propylamine	0.088	U
120-12-7	Anthracene	0.088	U	86-30-6	n-Nitrosodiphenylamine	0.088	U
92-87-5	Benzidine	0.44	U	87-86-5	Pentachlorophenol	0.44	U
56-55-3	Benzo[a]anthracene	0.088	0.17	85-01-8	Phenanthrene	0.088	0.18
50-32-8	Benzo[a]pyrene	0.088	0.20	108-95-2	Phenol	0.088	U
205-99-2	Benzo[b]fluoranthene	0.088	0.27	129-00-0	Pyrene	0.088	0.33

Worksheet #: 144328

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-002	Matrix: Soil
Client Id: PI01-TP-RAO1022210S	Initial Vol: 30g
Data File: 9M23514.D	Final Vol: 1ml
Analysis Date: 03/02/10 14:45	Dilution: 1
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 76
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.91	0.49 JAB
2		unknown	3.29	0.40 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.70	140 JAB
4	111-76-2	Ethanol, 2-butoxy-	4.33	0.22 J
5		unknown	4.44	0.24 JB
6	5131-66-8	2-Propanol, 1-butoxy-	4.67	0.27 J
7		unknown	6.26	0.23 JB
8	57-10-3	Hexadecanoic acid	9.66	0.29 J
9		unknown	11.17	0.21 J
10		unknown	11.97	0.44 J
11		unknown	15.16	2.1 J
12	30021-46-6	.epsilon.-Muurolene	15.33	0.87 J

Worksheet #: 144328

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.*

SampleID : AC50034-002
 Data File: 9M23514.D
 Acq On : 03/ 2/10 14:45

Operator : AHD
 Sam Mult : 1 Vial# : 17
 Misc : S,BNA

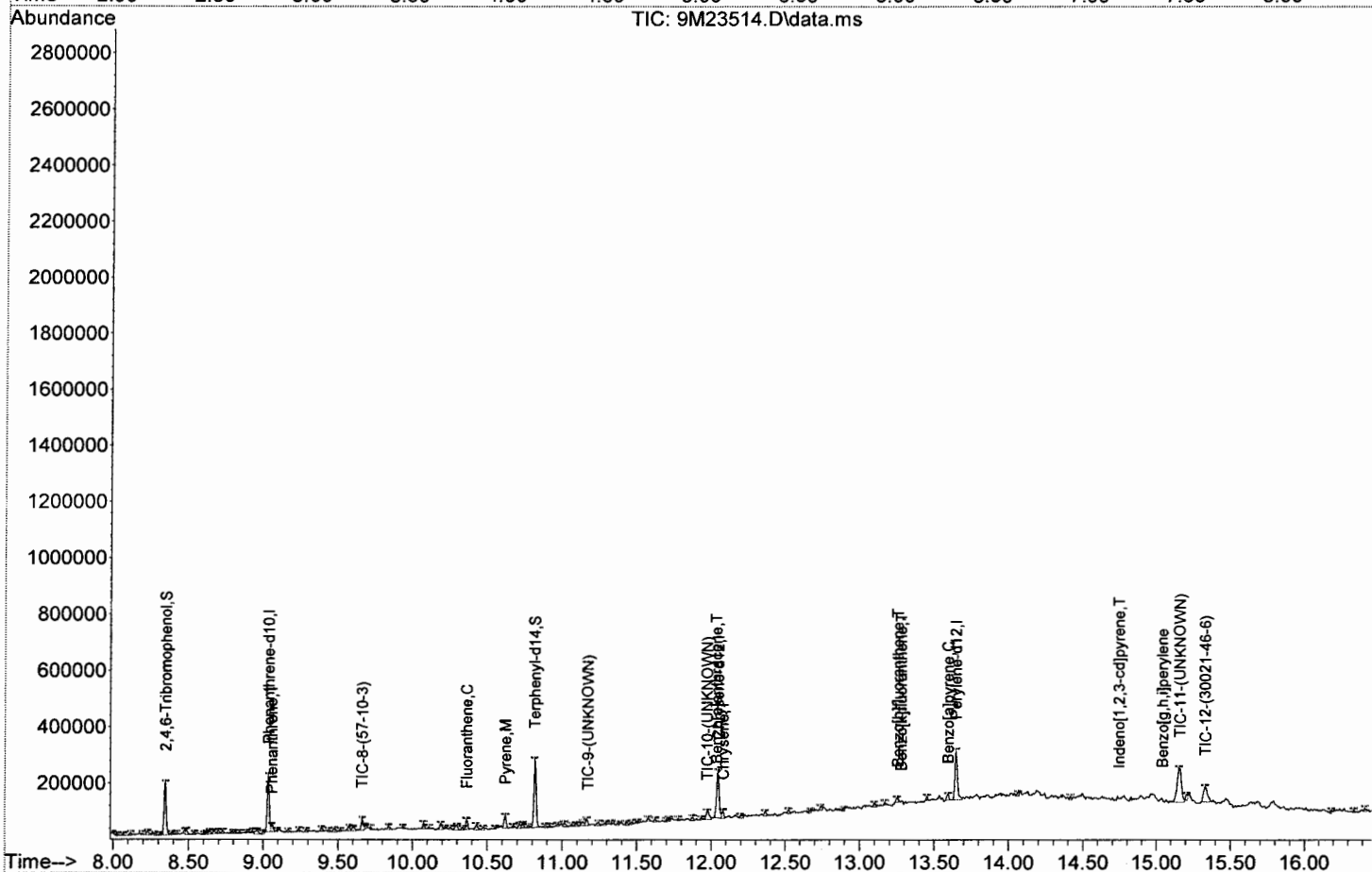
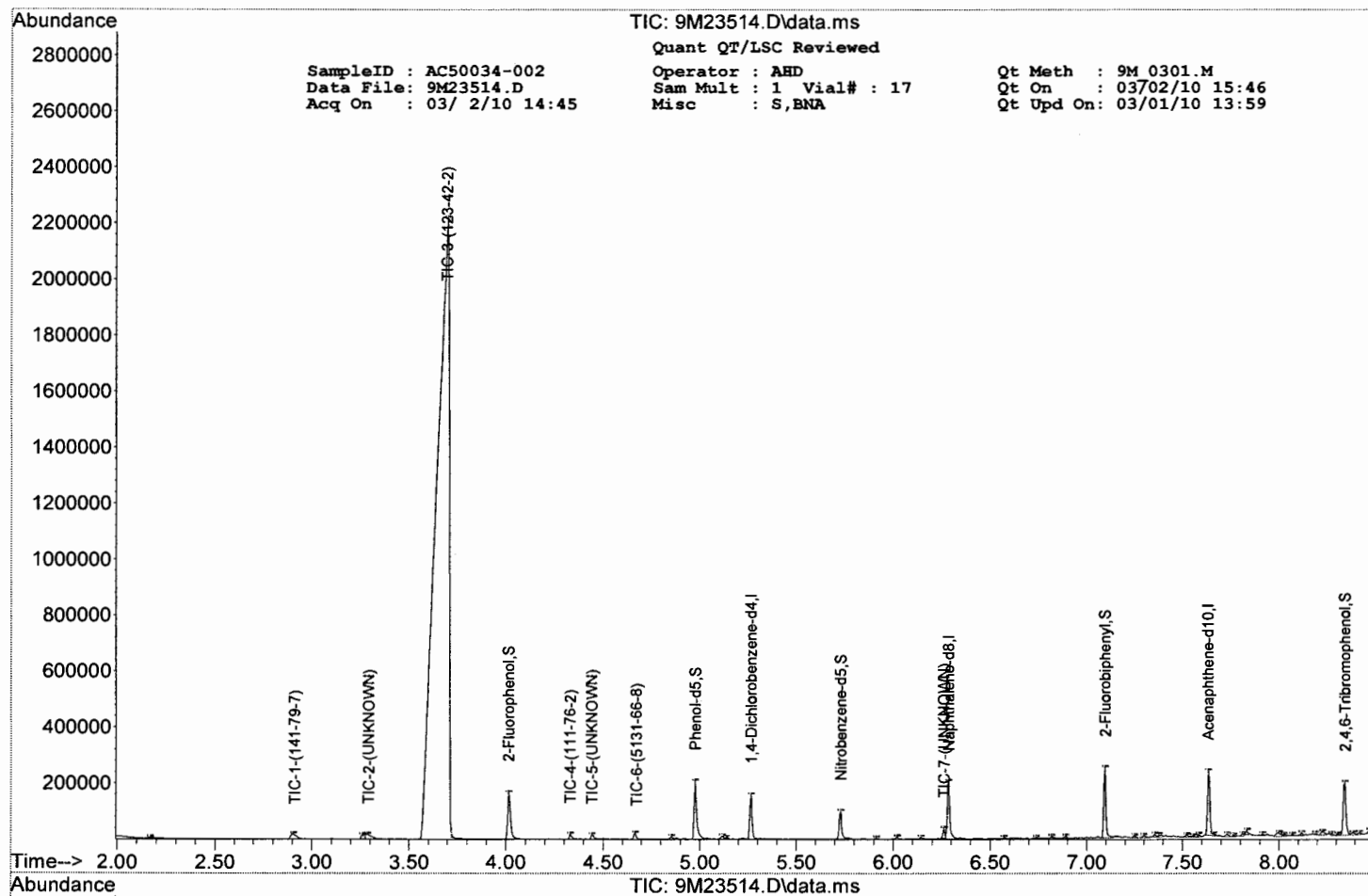
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 Qt On : 03/02/10 15:46
 Qt Upd On: 03/01/10 13:59

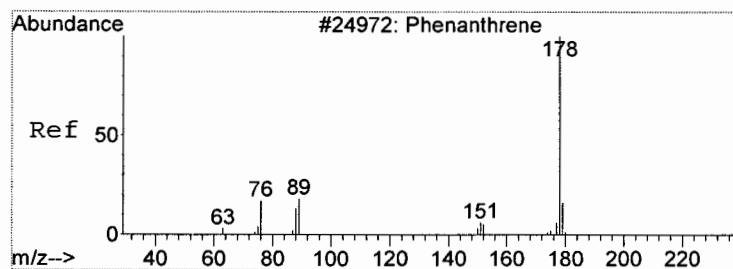
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 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.265	152	20428	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	75869	40.00	ng	0.00
47) Acenaphthene-d10	7.635	164	43413	40.00	ng	-0.01
73) Phenanthrene-d10	9.036	188	67218	40.00	ng	0.00
87) Chrysene-d12	12.047	240	56084	40.00	ng	-0.01
102) Perylene-d12	13.647	264	58924	40.00	ng	-0.01
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	46686	85.00	ng	0.00
Spiked Amount 100.000			Recovery	=	85.00%	
15) Phenol-d5	4.977	99	59905	83.63	ng	0.00
Spiked Amount 100.000			Recovery	=	83.63%	
30) Nitrobenzene-d5	5.731	128	12480	39.25	ng	0.00
Spiked Amount 50.000			Recovery	=	78.50%	
52) 2-Fluorobiphenyl	7.095	172	61283	41.27	ng	0.00
Spiked Amount 50.000			Recovery	=	82.54%	
76) 2,4,6-Tribromophenol	8.346	330	12834	102.72	ng	-0.01
Spiked Amount 100.000			Recovery	=	102.72%	
90) Terphenyl-d14	10.817	244	69127	42.96	ng	-0.01
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
						Qvalue
82) Phenanthrene	9.058	178	8088	4.13	ng	88
86) Fluoranthene	10.363	202	13976	6.56	ng	88
88) Pyrene	10.619	202	17091	7.57	ng	89
99) Benzo[a]anthracene	12.037	228	7974	3.91	ng	86
100) Chrysene	12.080	228	8930	4.58	ng	91
104) Benzo[b]fluoranthene	13.256	252	12082m	6.15	ng	
105) Benzo[k]fluoranthene	13.278	252	5382m	2.92	ng	
106) Benzo[a]pyrene	13.593	252	8320	4.54	ng	88
107) Indeno[1,2,3-cd]pyrene	14.743	276	5268	2.85	ng	76
109) Benzo[g,h,i]perylene	15.043	276	6312	3.92	ng	74
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.265		129914	40.00	ng	--
2) Naphthalene-d8	6.287		179460	40.00	ng	--
3) Acenaphthene-d10	7.635		210767	40.00	ng	--
4) Phenanthrene-d10	9.036		263405	40.00	ng	--
5) Chrysene-d12	12.047		200394	40.00	ng	--
6) Perylene-d12	13.647		208867	40.00	ng	--
Library Search Compounds						
1) 141-79-7	2.910		36456	11.22	ng	83
2) UNKNOWN	3.290		29514	9.09	ng	--
3) 123-42-2	3.700	10263051	3159.95	ng		45
4) 111-76-2	4.330		16226	5.00	ng	72
5) UNKNOWN	4.440		18110	5.58	ng	--
6) 5131-66-8	4.670		19892	6.12	ng	83
7) UNKNOWN	6.260		23428	5.22	ng	--
8) 57-10-3	9.660		43371	6.59	ng	52
9) UNKNOWN	11.170		24259	4.84	ng	--
10) UNKNOWN	11.970		50072	9.99	ng	--
11) UNKNOWN	15.160		246073	47.13	ng	--
12) 30021-46-6	15.330		103946	19.91	ng	80

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

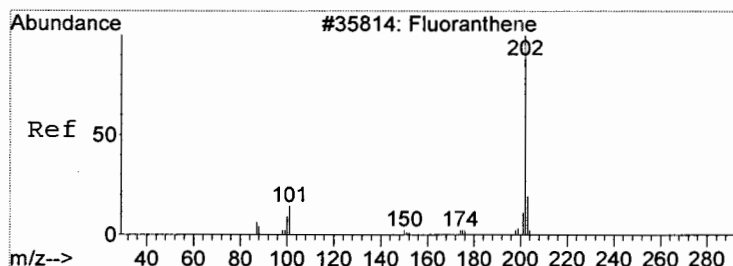
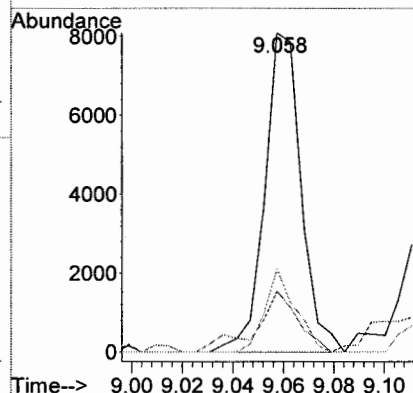
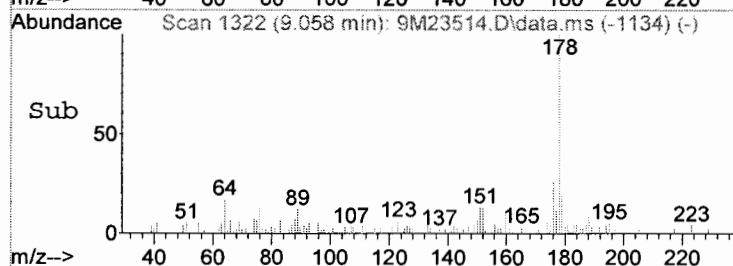
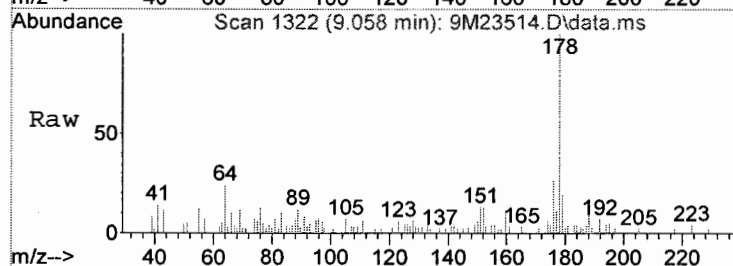
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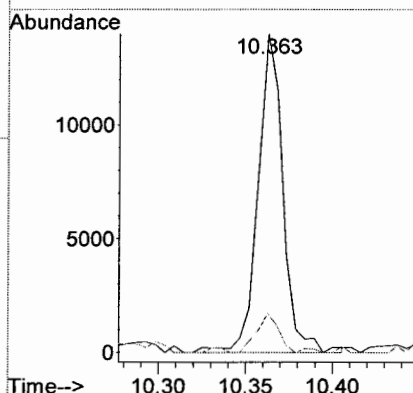
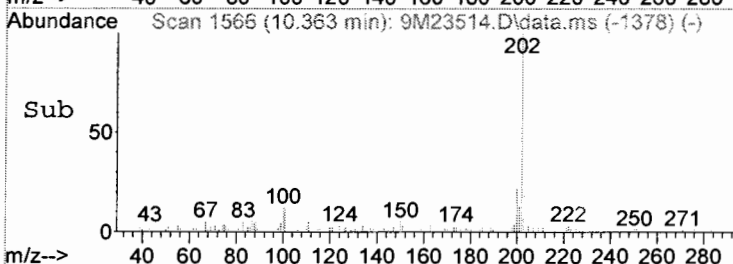
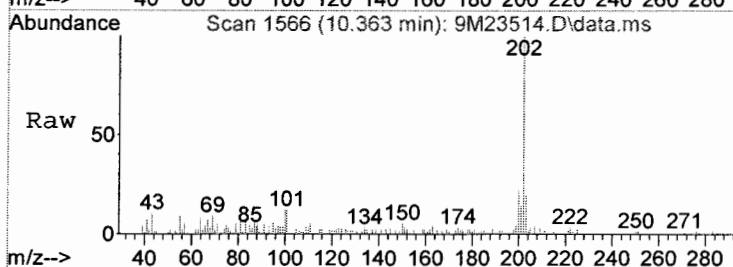
#82
Phenanthrene
Concen: 4.13 ng
RT: 9.058 min Scan# 1322
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

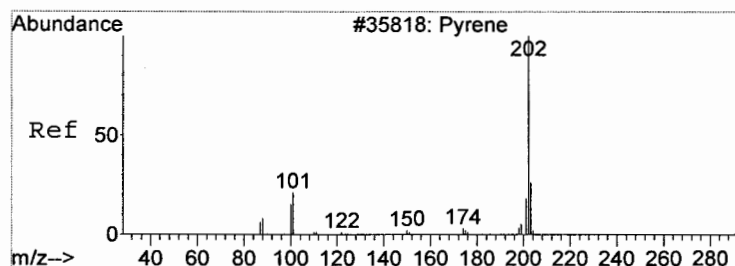
Tgt Ion:178 Resp: 8088
Ion Ratio Lower Upper
178 100
179 19.1 0.0 55.5
176 26.1 0.0 59.3



#86
Fluoranthene
Concen: 6.56 ng
RT: 10.363 min Scan# 1566
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

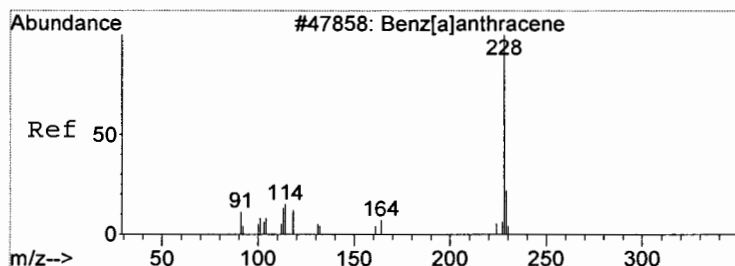
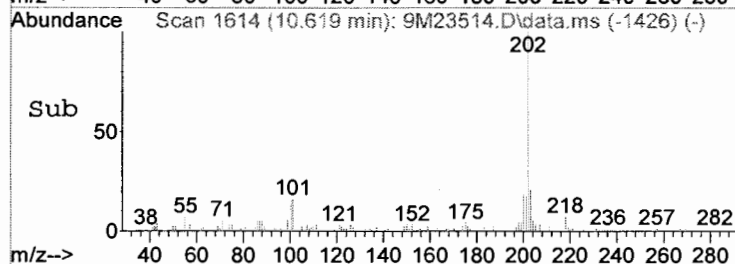
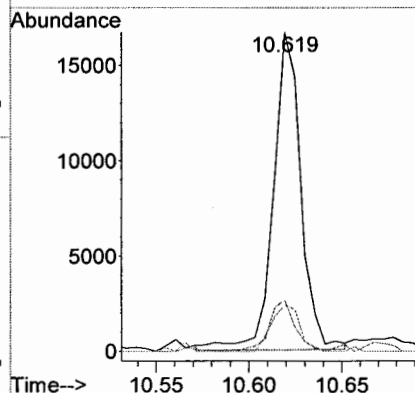
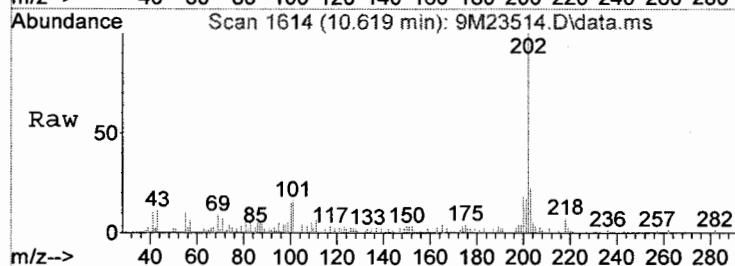
Tgt Ion:202 Resp: 13976
Ion Ratio Lower Upper
202 100
101 12.2 0.0 57.6





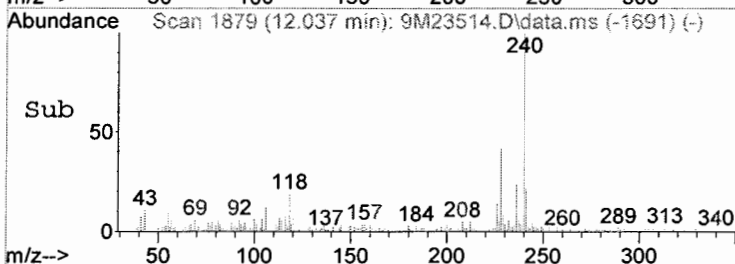
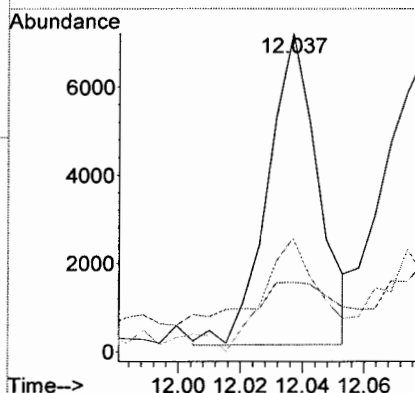
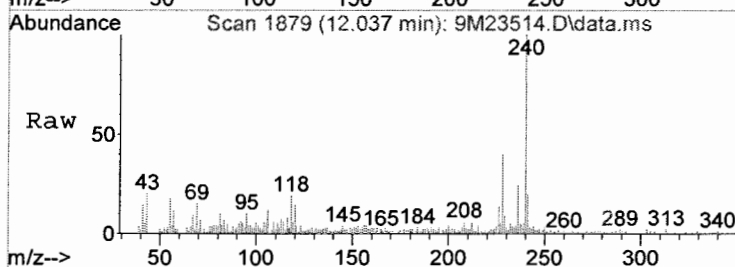
#88
Pyrene
Concen: 7.57 ng
RT: 10.619 min Scan# 1614
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

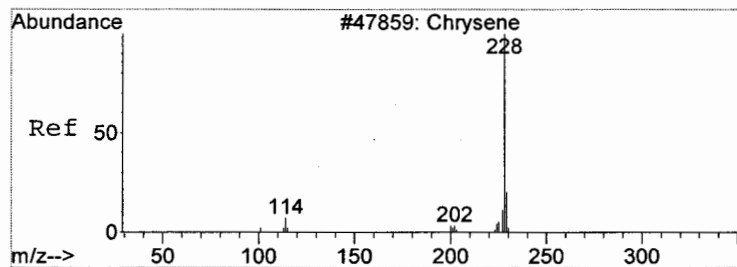
Tgt Ion: 202 Resp: 17091
Ion Ratio Lower Upper
202 100
101 16.3 0.0 62.2
100 13.9 0.0 57.8



#99
Benzo[a]anthracene
Concen: 3.91 ng
RT: 12.037 min Scan# 1879
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

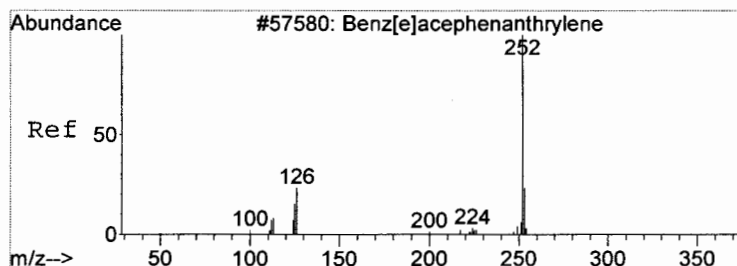
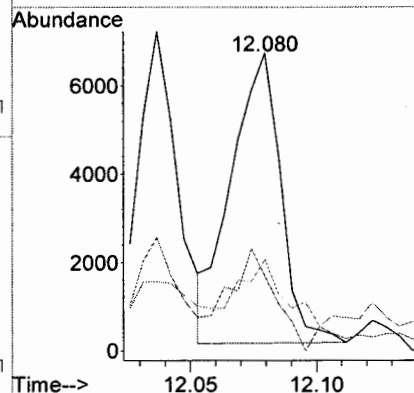
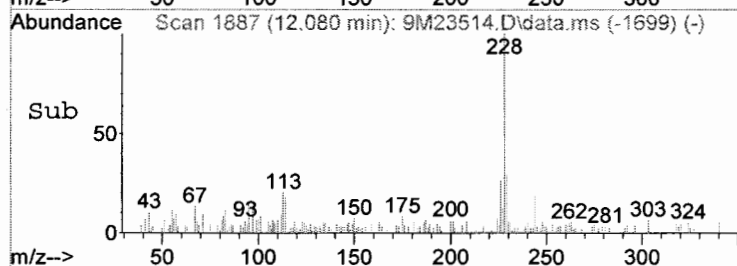
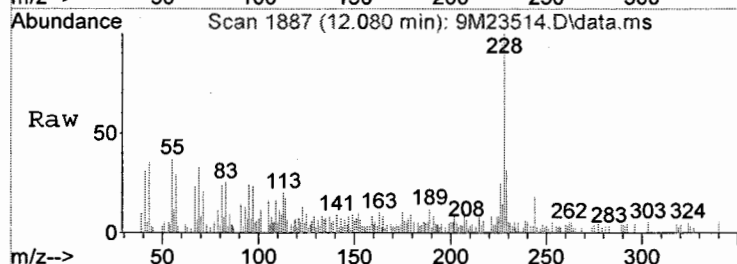
Tgt Ion: 228 Resp: 7974
Ion Ratio Lower Upper
228 100
229 10.5 0.0 59.5
226 31.3 0.0 66.0





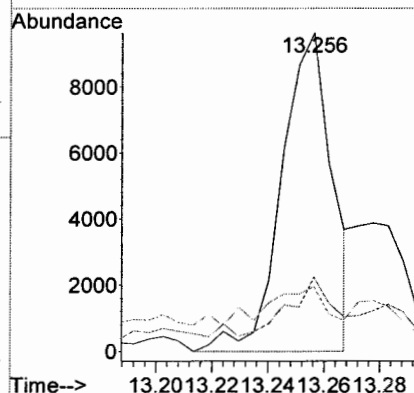
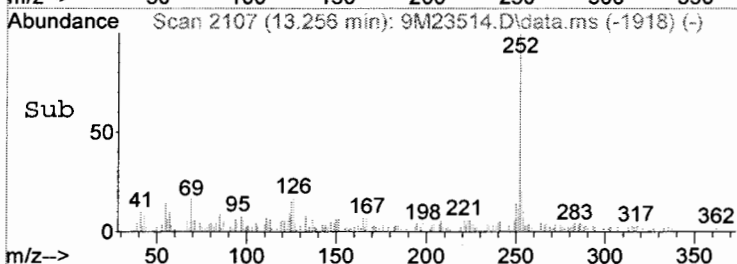
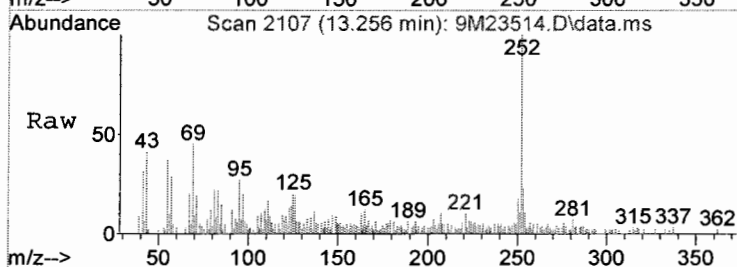
#100
Chrysene
Concen: 4.58 ng
RT: 12.080 min Scan# 1887
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

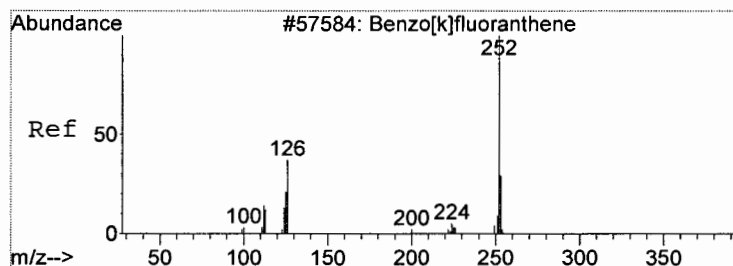
Tgt Ion: 228 Resp: 8930
Ion Ratio Lower Upper
228 100
226 21.6 9.5 49.5
229 20.1 0.0 60.2



#104
Benzo[b]fluoranthene
Concen: 6.15 ng m
RT: 13.256 min Scan# 2107
Delta R.T. -0.006 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

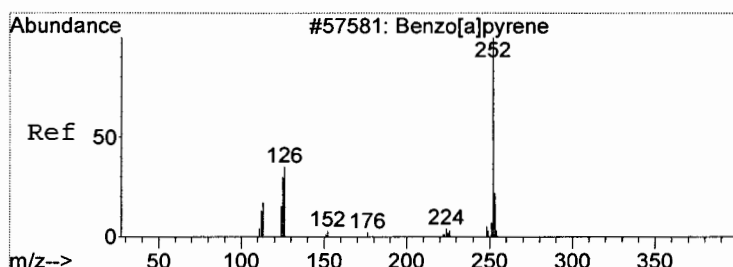
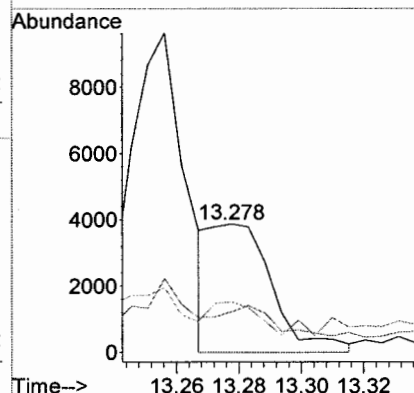
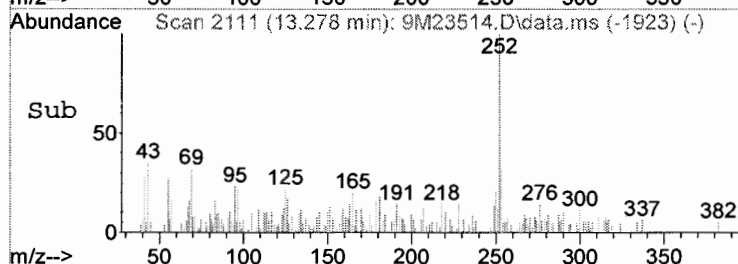
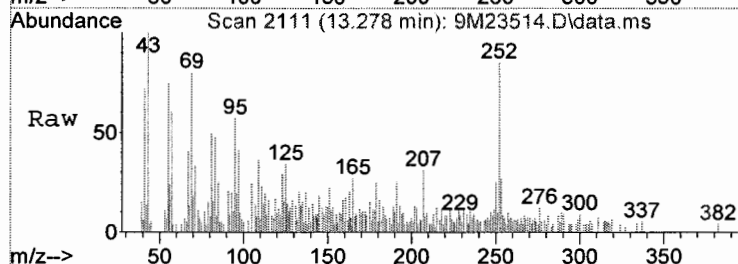
Tgt Ion: 252 Resp: 12082
Ion Ratio Lower Upper
252 100
253 23.2 0.0 62.3
125 20.3 0.0 58.4





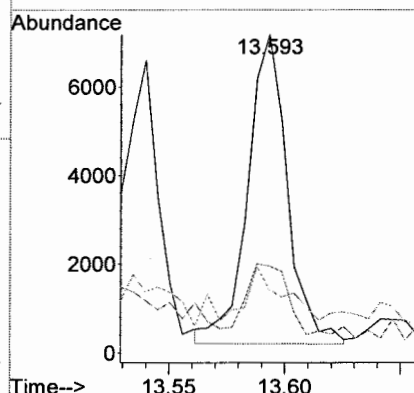
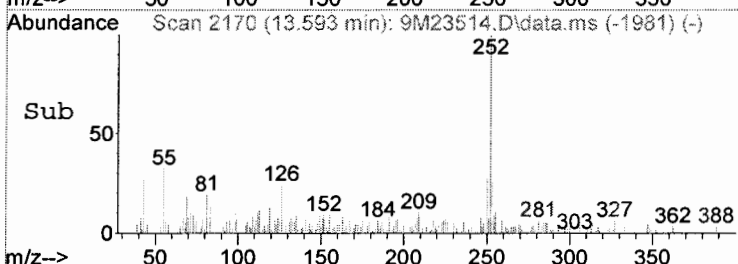
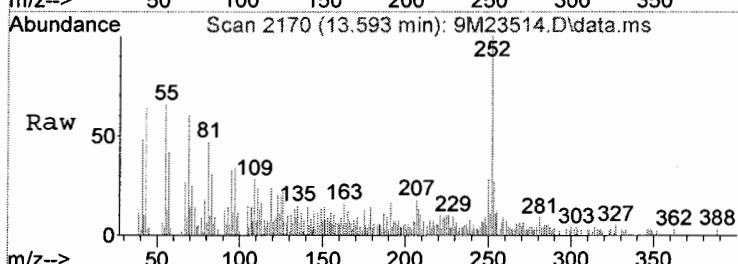
#105
Benzo[k]fluoranthene
Concen: 2.92 ng m
RT: 13.278 min Scan# 2111
Delta R.T. -0.011 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

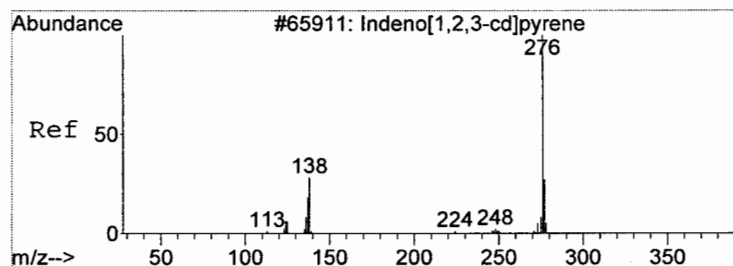
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	5382		
253	31.6	0.0	62.2	
125	39.4	0.0	58.9	



#106
Benzo[a]pyrene
Concen: 4.54 ng
RT: 13.593 min Scan# 2170
Delta R.T. -0.006 min
Lab File: 9M23514.D
Acq: 2 Mar 2010 14:45

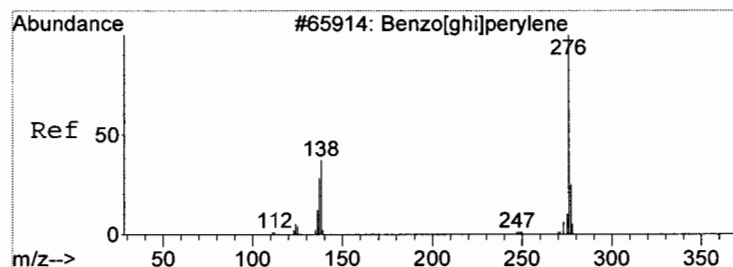
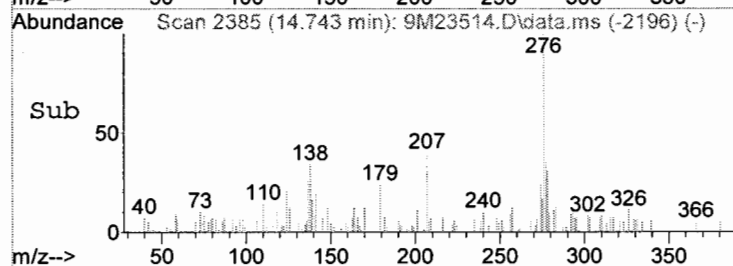
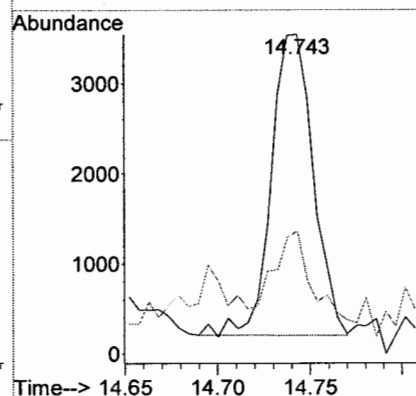
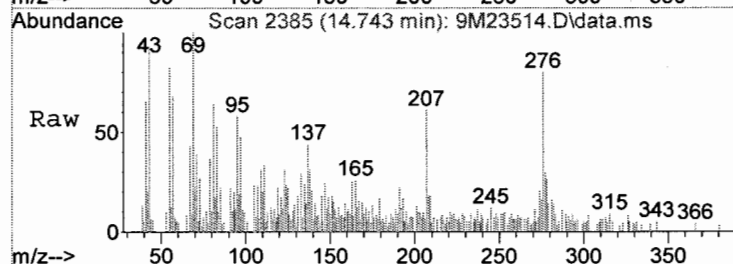
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	8320		
253	19.8	0.0	62.4	
125	12.0	0.0	60.9	





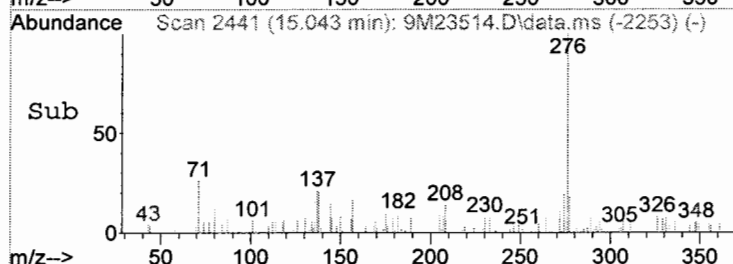
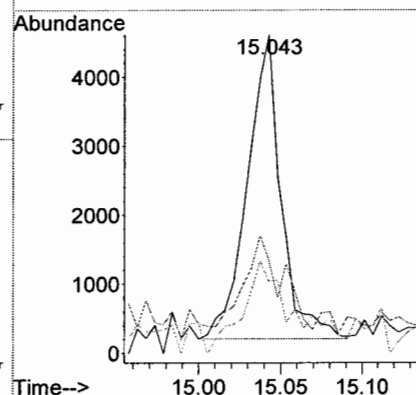
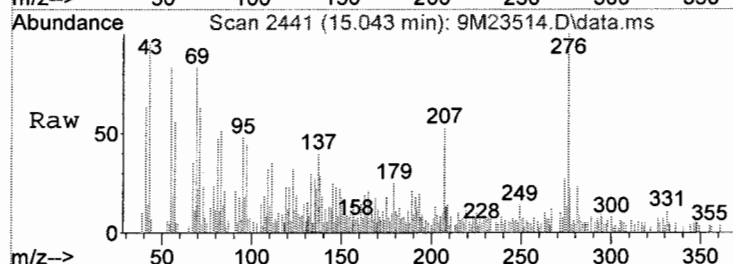
#107
 Indeno[1,2,3-cd]pyrene
 Concen: 2.85 ng
 RT: 14.743 min Scan# 2385
 Delta R.T. -0.006 min
 Lab File: 9M23514.D
 Acq: 2 Mar 2010 14:45

Tgt Ion: 276 Resp: 5268
 Ion Ratio Lower Upper
 276 100
 138 24.1 0.0 78.9



#109
 Benzo[g,h,i]perylene
 Concen: 3.92 ng
 RT: 15.043 min Scan# 2441
 Delta R.T. -0.006 min
 Lab File: 9M23514.D
 Acq: 2 Mar 2010 14:45

Tgt Ion: 276 Resp: 6312
 Ion Ratio Lower Upper
 276 100
 138 33.4 0.0 140.0
 277 46.5 0.0 120.0



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23514.D
 Acq On : 2 Mar 2010 14:45
 Operator : AHD
 Sample : AC50034-002
 Misc : S,BNA
 ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	32	34	40	rVB5	3651	6125	0.06%	0.043%
2	2.907	166	172	181	rBV2	17425	36456	0.36%	0.255%
3	3.260	235	238	239	rBV	14193	12848	0.13%	0.090%
4	3.286	241	243	254	rVB3	15357	29514	0.29%	0.207%
5	3.704	294	321	324	rBV	2216479	10263051	100.00%	71.808%
6	4.014	376	379	388	rBV	164615	163165	1.59%	1.142%
7	4.329	435	438	446	rBV	17181	16226	0.16%	0.114%
8	4.442	456	459	468	rBV	15695	18110	0.18%	0.127%
9	4.666	497	501	506	rBV	21512	19892	0.19%	0.139%
10	4.854	531	536	539	rBV	9613	8384	0.08%	0.059%
11	4.977	556	559	569	rBV	206448	183387	1.79%	1.283%
12	5.116	582	585	587	rBV2	10734	9188	0.09%	0.064%
13	5.137	587	589	594	rVB4	5589	6001	0.06%	0.042%
14	5.265	610	613	617	rBV	156592	128941	1.26%	0.902%
15	5.731	697	700	706	rBV	97885	86202	0.84%	0.603%
16	5.913	730	734	737	rBV5	4080	4021	0.04%	0.028%
17	6.020	747	754	757	rBV3	8149	8783	0.09%	0.061%
18	6.143	774	777	779	rBV2	6683	5275	0.05%	0.037%
19	6.260	797	799	801	rBV	35564	23428	0.23%	0.164%
20	6.287	801	804	812	rVB	202500	179460	1.75%	1.256%
21	6.570	855	857	862	rBV4	4404	4265	0.04%	0.030%
22	6.736	881	888	890	rBV5	4413	6451	0.06%	0.045%
23	6.817	901	903	907	rVB2	6353	4806	0.05%	0.034%
24	6.891	913	917	920	rVB4	7299	7275	0.07%	0.051%
25	7.095	951	955	963	rBV	249390	194392	1.89%	1.360%
26	7.250	980	984	988	rVB5	6506	7473	0.07%	0.052%
27	7.298	988	993	997	rBV6	7324	9611	0.09%	0.067%
28	7.357	1002	1004	1007	rBV3	9695	8679	0.08%	0.061%
29	7.378	1007	1008	1012	rBV3	6678	8314	0.08%	0.058%
30	7.523	1032	1035	1038	rVB5	6902	7007	0.07%	0.049%
31	7.560	1038	1042	1044	rVB5	4709	5231	0.05%	0.037%
32	7.587	1044	1047	1049	rBV3	9541	6939	0.07%	0.049%
33	7.635	1053	1056	1060	rBV	228128	187399	1.83%	1.311%
34	7.662	1060	1061	1065	rVB4	6323	5129	0.05%	0.036%
35	7.731	1069	1074	1077	rVB6	9263	11297	0.11%	0.079%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23514.D
 Acq On : 2 Mar 2010 14:45
 Operator : AHD
 Sample : AC50034-002
 Misc : S,BNA
 ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	7.763	1077	1080	1082	rBV4	5308	4946	0.05%	0.035%
37	7.811	1084	1089	1090	rBV5	8292	7822	0.08%	0.055%
38	7.833	1090	1093	1095	rVV3	14231	11189	0.11%	0.078%
39	7.913	1106	1108	1111	rBV3	6157	5104	0.05%	0.036%
40	7.999	1119	1124	1127	rBV6	11860	19910	0.19%	0.139%
41	8.025	1127	1129	1135	rVV6	5935	7306	0.07%	0.051%
42	8.068	1135	1137	1140	rVB4	5589	4589	0.04%	0.032%
43	8.116	1141	1146	1149	rBV5	9517	9506	0.09%	0.067%
44	8.191	1159	1160	1163	rVB3	6146	4386	0.04%	0.031%
45	8.229	1163	1167	1172	rBV5	12491	18765	0.18%	0.131%
46	8.277	1175	1176	1179	rVB3	6692	4761	0.05%	0.033%
47	8.309	1179	1182	1184	rBV3	5491	5678	0.06%	0.040%
48	8.346	1185	1189	1194	rVV	187752	186587	1.82%	1.306%
49	8.389	1194	1197	1201	rVV6	6012	9099	0.09%	0.064%
50	8.421	1201	1203	1207	rVV5	6450	7957	0.08%	0.056%
51	8.475	1211	1213	1214	rBV2	11264	8723	0.08%	0.061%
52	8.485	1214	1215	1221	rVB4	18584	15134	0.15%	0.106%
53	8.539	1221	1225	1227	rBV5	7929	8768	0.09%	0.061%
54	8.603	1234	1237	1238	rBV2	5306	4152	0.04%	0.029%
55	8.619	1238	1240	1242	rVV3	7749	6924	0.07%	0.048%
56	8.640	1242	1244	1247	rVV3	12387	11534	0.11%	0.081%
57	8.667	1247	1249	1252	rVV3	10277	11395	0.11%	0.080%
58	8.699	1252	1255	1258	rVV3	10825	11623	0.11%	0.081%
59	8.731	1258	1261	1263	rVB4	9295	7817	0.08%	0.055%
60	8.796	1268	1273	1274	rBV5	6384	7367	0.07%	0.052%
61	8.812	1274	1276	1279	rVV4	6433	6097	0.06%	0.043%
62	8.844	1279	1282	1284	rVB3	6428	4911	0.05%	0.034%
63	8.892	1288	1291	1292	rBV3	5548	4769	0.05%	0.033%
64	8.929	1295	1298	1300	rBV4	9523	7158	0.07%	0.050%
65	8.961	1300	1304	1309	rVB6	14587	21570	0.21%	0.151%
66	8.999	1309	1311	1313	rBV3	7508	7113	0.07%	0.050%
67	9.036	1314	1318	1321	rBV	202039	195650	1.91%	1.369%
68	9.058	1321	1322	1327	rVB2	24497	22335	0.22%	0.156%
69	9.095	1327	1329	1330	rBV2	7630	5406	0.05%	0.038%
70	9.165	1338	1342	1347	rBV8	7518	12749	0.12%	0.089%
71	9.239	1353	1356	1359	rBV3	10198	9043	0.09%	0.063%
72	9.288	1362	1365	1368	rBV5	8812	9537	0.09%	0.067%
73	9.389	1381	1384	1387	rBV5	11497	10495	0.10%	0.073%
74	9.437	1392	1393	1397	rVB3	8242	6368	0.06%	0.045%
75	9.475	1397	1400	1404	rBV6	10494	13695	0.13%	0.096%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23514.D
 Acq On : 2 Mar 2010 14:45
 Operator : AHD
 Sample : AC50034-002
 Misc : S,BNA
 ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	9.518	1404	1408	1409	rBV3	7714	7725	0.08%	0.054%
77	9.576	1414	1419	1421	rBV5	14751	17282	0.17%	0.121%
78	9.603	1421	1424	1428	rVB5	11582	16365	0.16%	0.115%
79	9.662	1430	1435	1438	rBV3	41197	43371	0.42%	0.303%
80	9.683	1438	1439	1442	rVB3	9566	9857	0.10%	0.069%
81	9.721	1445	1446	1449	rVB3	12060	6155	0.06%	0.043%
82	9.838	1466	1468	1474	rVB7	12830	12223	0.12%	0.086%
83	9.935	1484	1486	1489	rVB3	7420	5540	0.05%	0.039%
84	10.074	1510	1512	1516	rVB4	21375	16644	0.16%	0.116%
85	10.111	1516	1519	1521	rBV4	8428	6247	0.06%	0.044%
86	10.191	1528	1534	1537	rBV3	21409	25581	0.25%	0.179%
87	10.218	1537	1539	1542	rVV3	5967	6452	0.06%	0.045%
88	10.256	1544	1546	1549	rVB4	8043	6808	0.07%	0.048%
89	10.298	1549	1554	1558	rVB7	17648	24322	0.24%	0.170%
90	10.336	1558	1561	1562	rBV3	9471	7855	0.08%	0.055%
91	10.363	1562	1566	1569	rBV	35738	34544	0.34%	0.242%
92	10.427	1575	1578	1584	rVB8	17960	23375	0.23%	0.164%
93	10.475	1584	1587	1589	rBV4	7989	10360	0.10%	0.072%
94	10.555	1600	1602	1603	rBV2	5684	5038	0.05%	0.035%
95	10.619	1611	1614	1617	rVB	43608	42284	0.41%	0.296%
96	10.673	1621	1624	1625	rBV3	7866	5955	0.06%	0.042%
97	10.716	1629	1632	1634	rBV4	14302	15854	0.15%	0.111%
98	10.737	1634	1636	1640	rVB4	15335	13384	0.13%	0.094%
99	10.775	1640	1643	1645	rBV4	6373	7060	0.07%	0.049%
100	10.817	1646	1651	1656	rVB2	241359	247922	2.42%	1.735%
101	10.887	1662	1664	1668	rBV5	8030	10358	0.10%	0.072%
102	10.919	1668	1670	1673	rVB4	8123	5893	0.06%	0.041%
103	10.972	1677	1680	1682	rBV4	6600	7708	0.08%	0.054%
104	11.015	1686	1688	1693	rVB6	12752	13328	0.13%	0.093%
105	11.063	1695	1697	1700	rBV4	6567	6664	0.06%	0.047%
106	11.095	1700	1703	1705	rVB3	7298	8047	0.08%	0.056%
107	11.138	1707	1711	1713	rBV4	14538	18803	0.18%	0.132%
108	11.165	1713	1716	1720	rVB4	22707	24259	0.24%	0.170%
109	11.245	1726	1731	1734	rBV4	11759	16283	0.16%	0.114%
110	11.293	1734	1740	1741	rBV6	8781	13279	0.13%	0.093%
111	11.331	1746	1747	1748	rBV	8458	4450	0.04%	0.031%
112	11.374	1753	1755	1757	rBV3	5808	5078	0.05%	0.036%
113	11.427	1763	1765	1769	rBV5	8840	10686	0.10%	0.075%
114	11.470	1769	1773	1774	rBV4	9453	9745	0.09%	0.068%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23514.D
 Acq On : 2 Mar 2010 14:45
 Operator : AHD
 Sample : AC50034-002
 Misc : S,BNA
 ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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

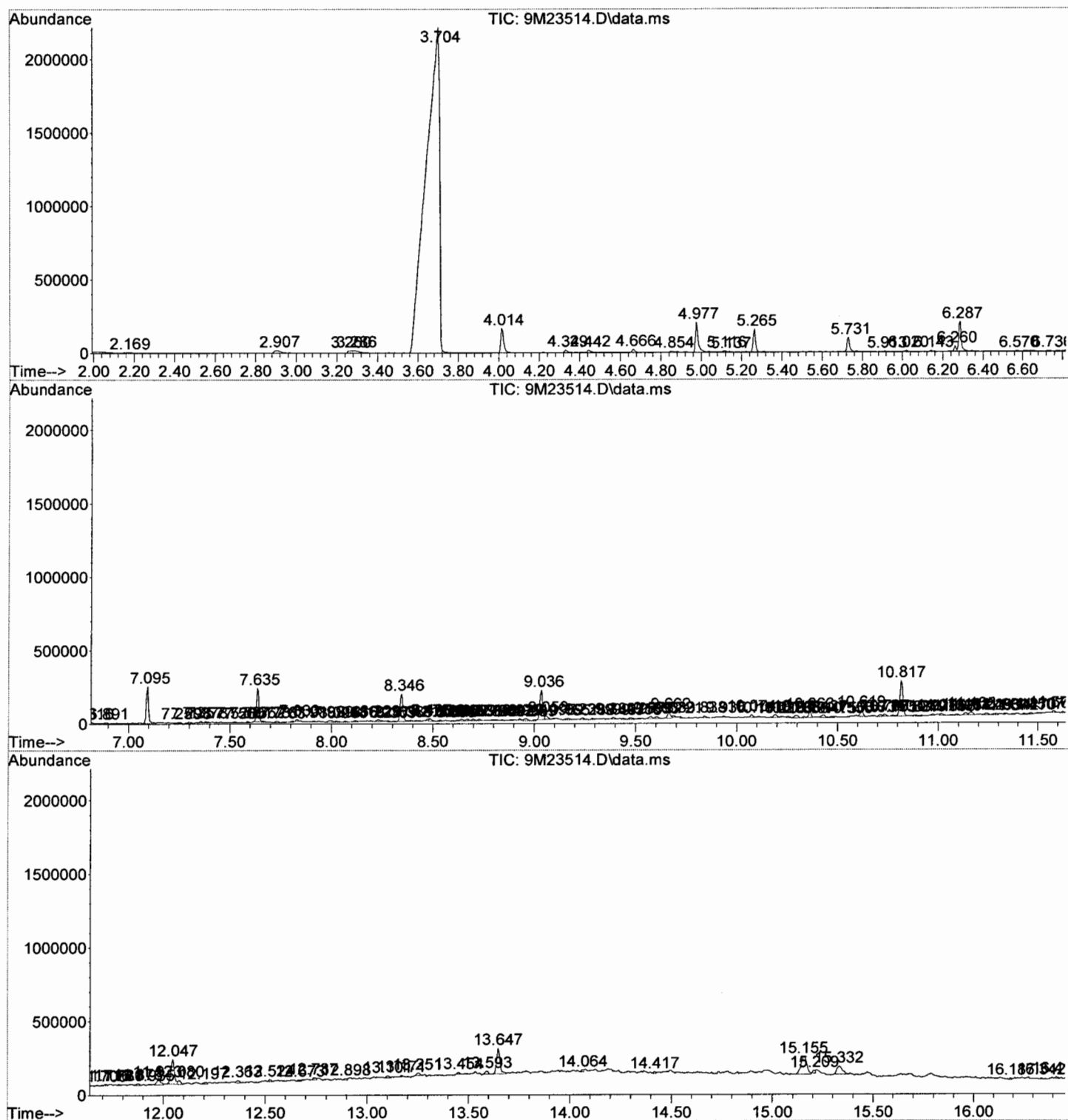
115	11.507	1777	1780	1782	rBV4	7331	8433	0.08%	0.059%
116	11.577	1791	1793	1796	rVB3	11531	10526	0.10%	0.074%
117	11.625	1800	1802	1804	rBV3	10168	7703	0.08%	0.054%
118	11.700	1814	1816	1817	rBV2	6888	3902	0.04%	0.027%
119	11.716	1817	1819	1821	rBV3	10692	10355	0.10%	0.072%
120	11.780	1829	1831	1833	rVB3	7937	4177	0.04%	0.029%
121	11.876	1846	1849	1851	rBV4	12107	12072	0.12%	0.084%
122	11.935	1857	1860	1861	rBV3	6990	6539	0.06%	0.046%
123	11.973	1864	1867	1873	rBV7	30625	50072	0.49%	0.350%
124	12.047	1876	1881	1885	rBV	165957	198144	1.93%	1.386%
125	12.080	1885	1887	1890	rVB3	26989	22654	0.22%	0.159%
126	12.197	1907	1909	1913	rBV5	9870	15379	0.15%	0.108%
127	12.363	1938	1940	1944	rVB4	15007	15857	0.15%	0.111%
128	12.524	1968	1970	1973	rVB4	13327	11978	0.12%	0.084%
129	12.673	1994	1998	1999	rBV4	8900	11001	0.11%	0.077%
130	12.737	2008	2010	2013	rBV4	13271	15891	0.15%	0.111%
131	12.898	2037	2040	2041	rBV3	8973	9175	0.09%	0.064%
132	13.101	2075	2078	2081	rBV5	12825	14625	0.14%	0.102%
133	13.171	2089	2091	2092	rBV2	11477	6021	0.06%	0.042%
134	13.251	2104	2106	2111	rBV3	14821	17519	0.17%	0.123%
135	13.454	2142	2144	2146	rBV3	13962	9265	0.09%	0.065%
136	13.593	2167	2170	2172	rVB3	18630	20147	0.20%	0.141%
137	13.647	2176	2180	2188	rBV2	174202	202357	1.97%	1.416%
138	14.064	2255	2258	2259	rBV3	12680	12111	0.12%	0.085%
139	14.417	2322	2324	2326	rBV3	12320	10900	0.11%	0.076%
140	15.155	2455	2462	2469	rBV6	120525	246073	2.40%	1.722%
141	15.209	2469	2472	2473	rBV3	18887	19138	0.19%	0.134%
142	15.332	2490	2495	2504	rVB3	54226	103946	1.01%	0.727%
143	16.187	2653	2655	2656	rBV2	11911	8841	0.09%	0.062%
144	16.342	2682	2684	2686	rBV3	7897	4142	0.04%	0.029%
145	16.417	2696	2698	2701	rBV4	12156	9904	0.10%	0.069%

Sum of corrected areas: 14292294

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

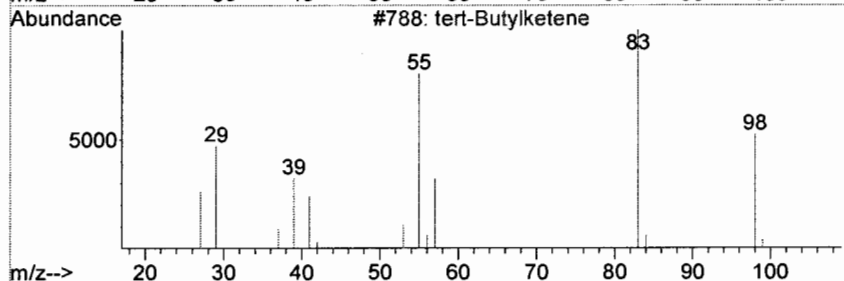
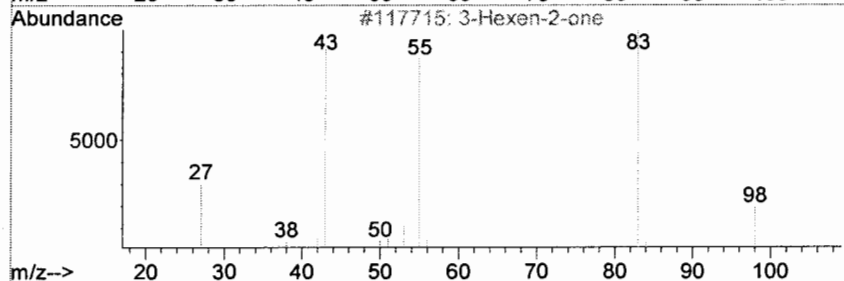
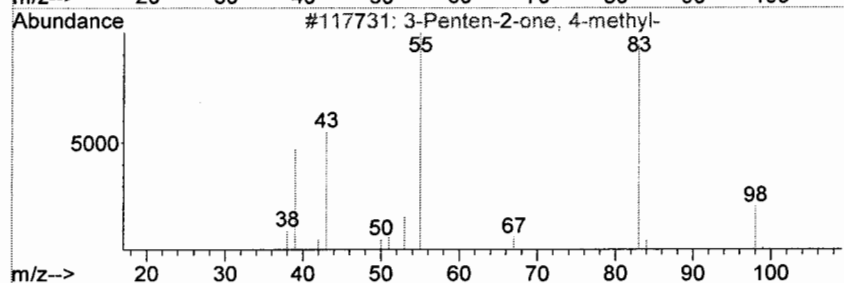
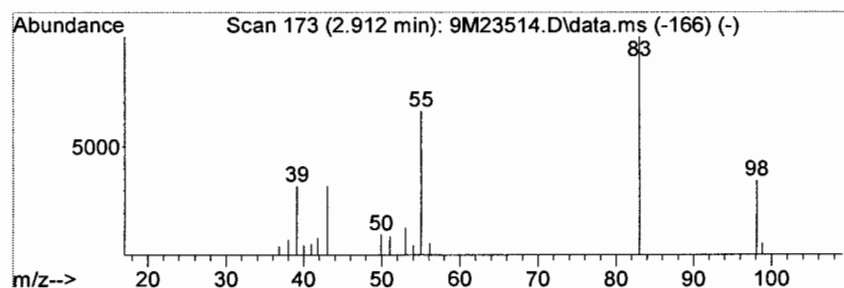
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

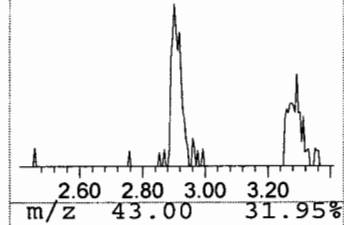
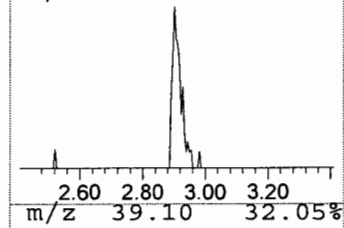
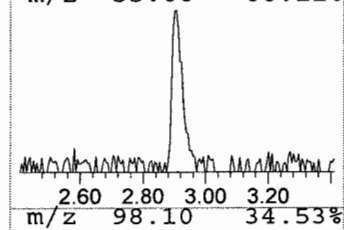
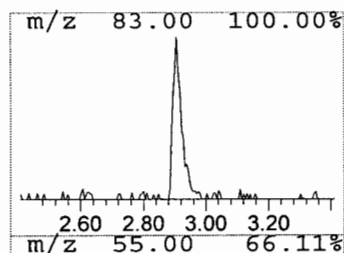
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	11.22 ng	36456	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
2			3-Hexen-2-one	98	C6H10O	000763-93-9	80
3			tert-Butylketene	98	C6H10O	059005-31-1	80
4			3-Hexen-2-one	98	C6H10O	000763-93-9	72
5			3-Hexen-2-one	98	C6H10O	000763-93-9	72



9M_0301.M Thu Mar 04 18:03:08 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

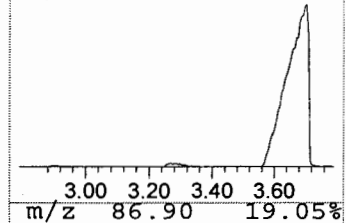
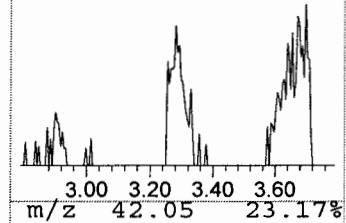
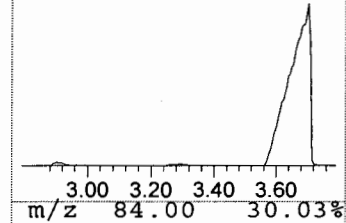
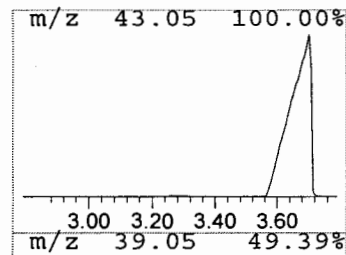
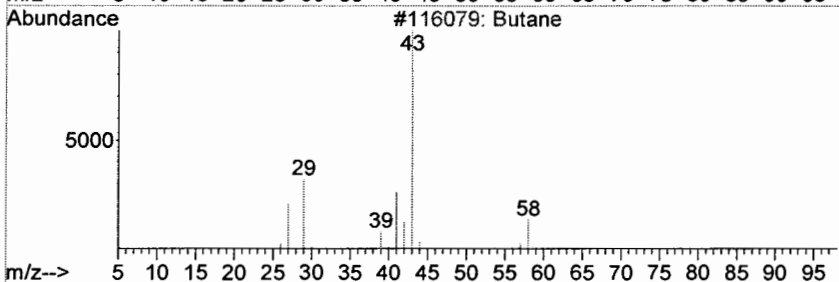
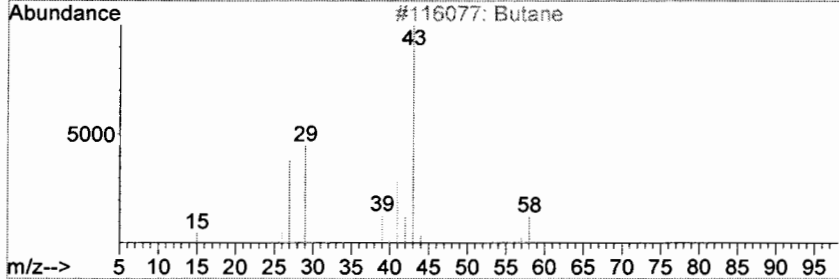
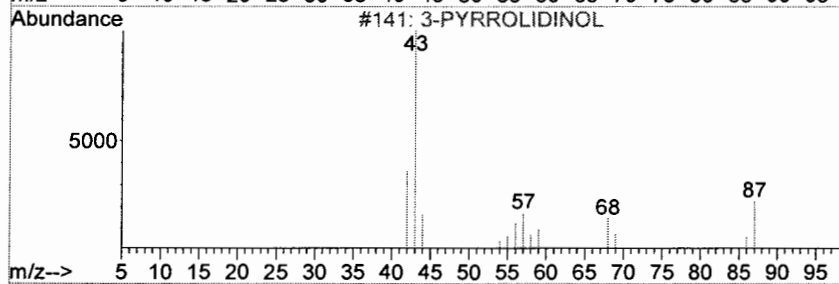
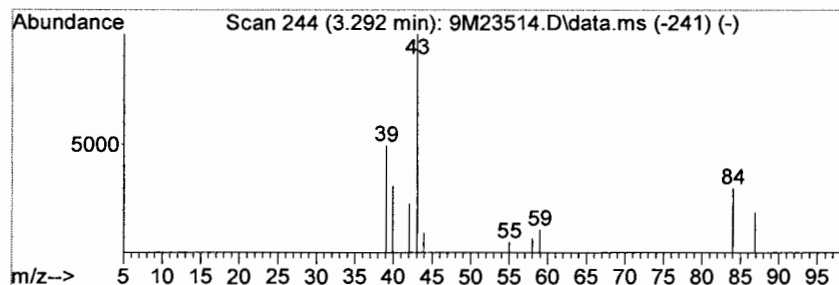
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 2 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	9.09 ng	29514	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	7
2	Butane	58	C4H10	000106-97-8	4
3	Butane	58	C4H10	000106-97-8	4
4	(3a.alpha.,4.alpha.,6a.alpha.)-H...	150	C10H14O	079348-44-0	4
5	Morpholine	87	C4H9NO	000110-91-8	3



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

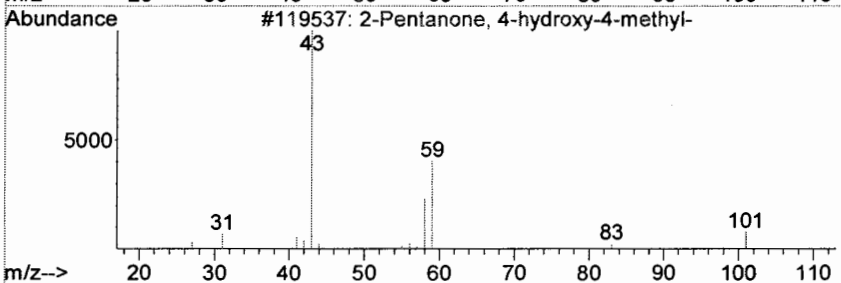
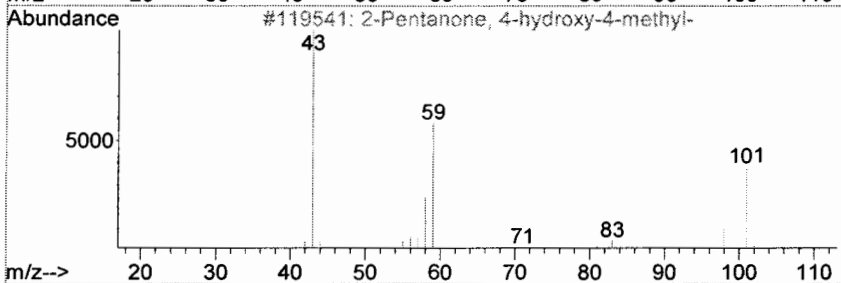
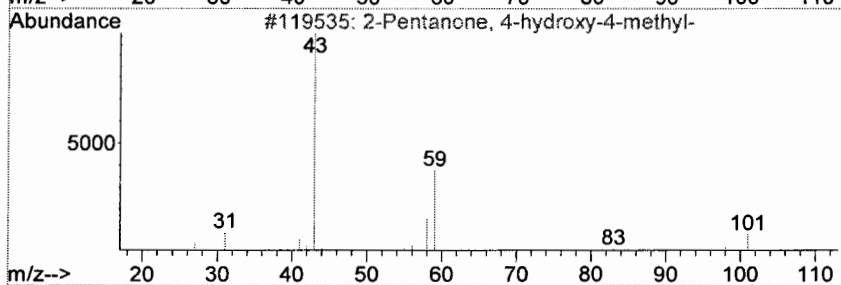
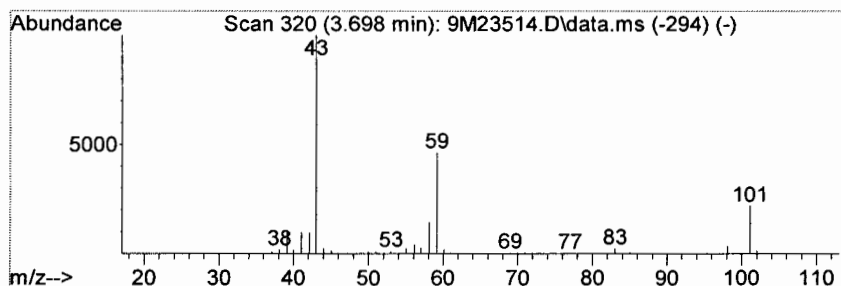
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

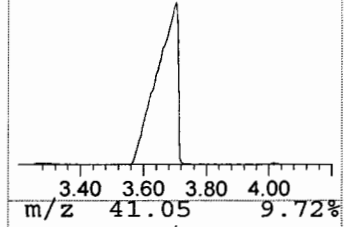
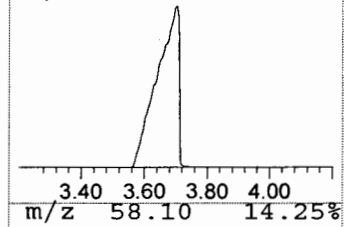
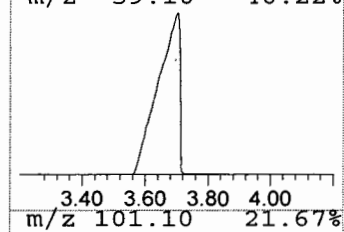
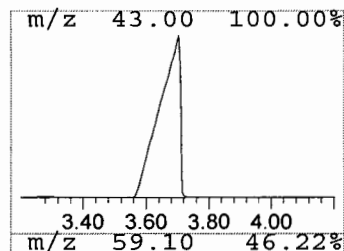
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	3159.95 ng	10263051	LibIS-1,4-Dichlorobenzene-d4	5.27

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	38
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37



9M_0301.M Thu Mar 04 18:03:12 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

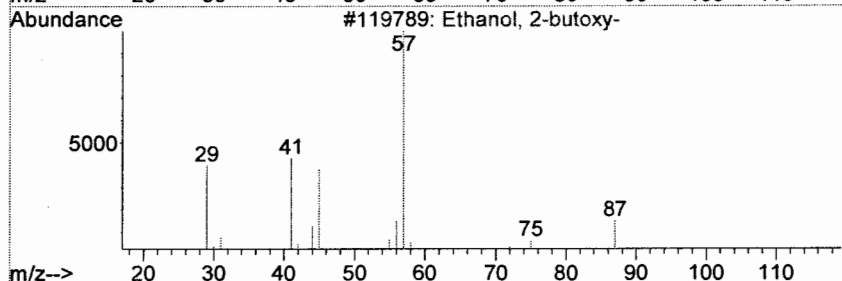
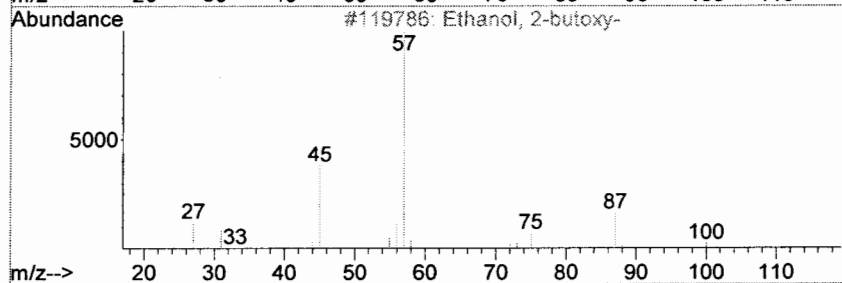
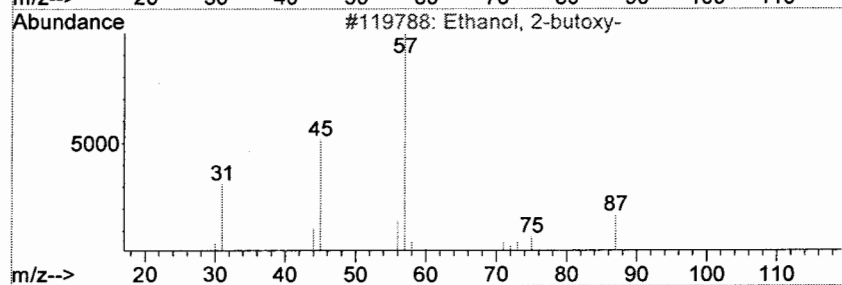
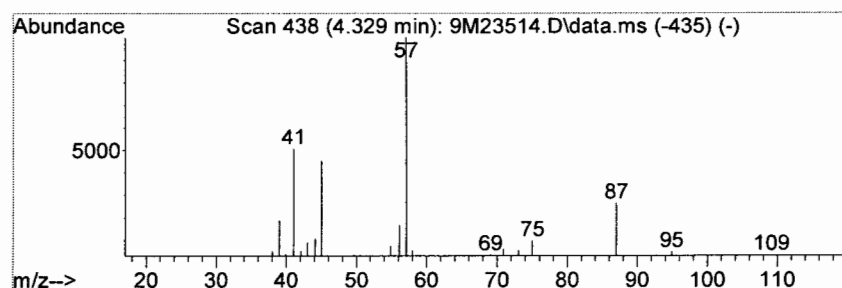
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

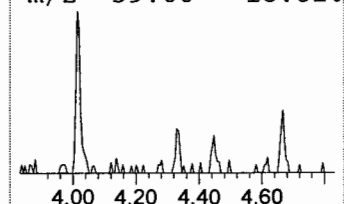
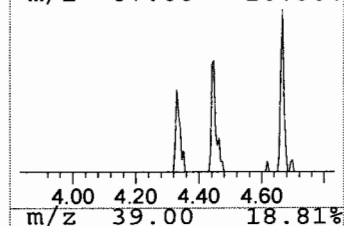
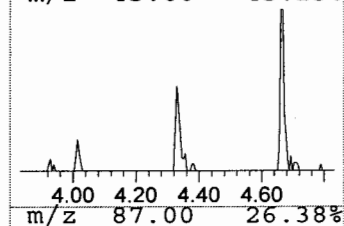
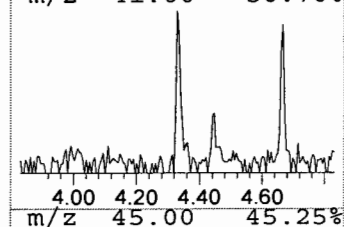
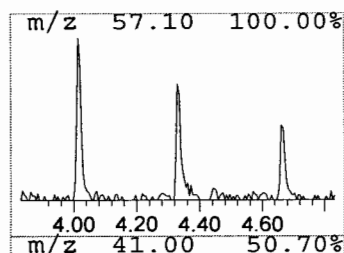
Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	5.00 ng	16226	LibIS-1,4-Dichlorobenzene-d4	5.27

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	64
4			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
5			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	59



9M_0301.M Thu Mar 04 18:03:14 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

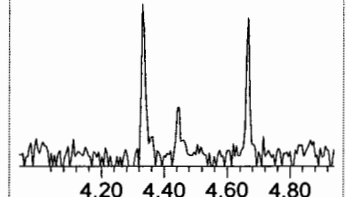
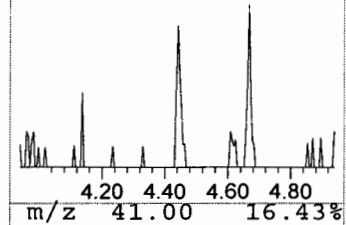
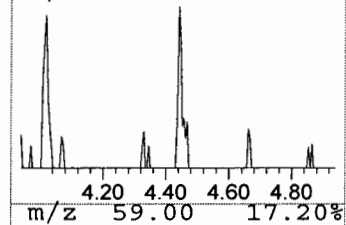
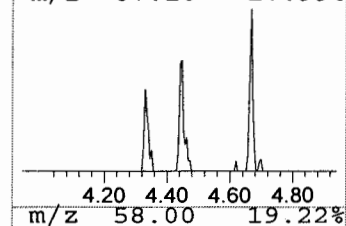
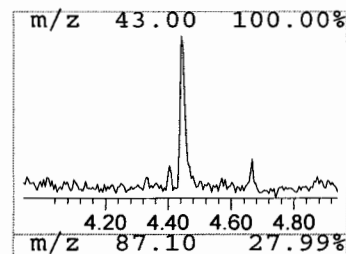
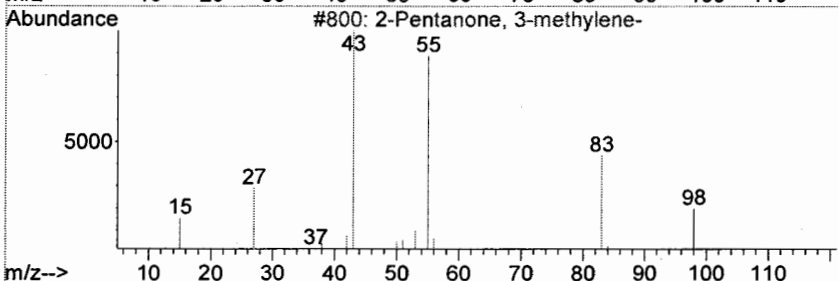
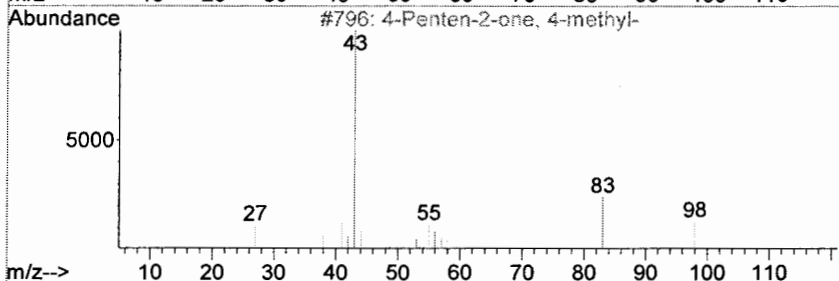
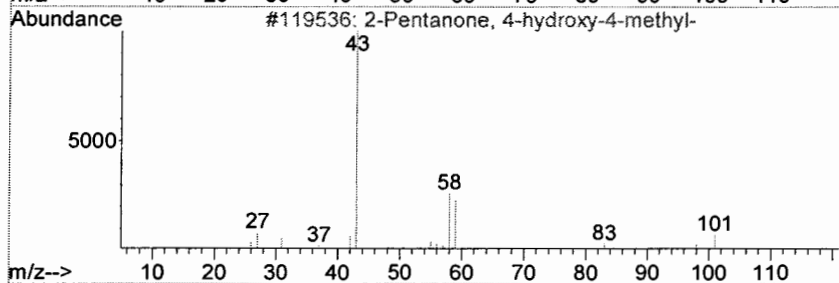
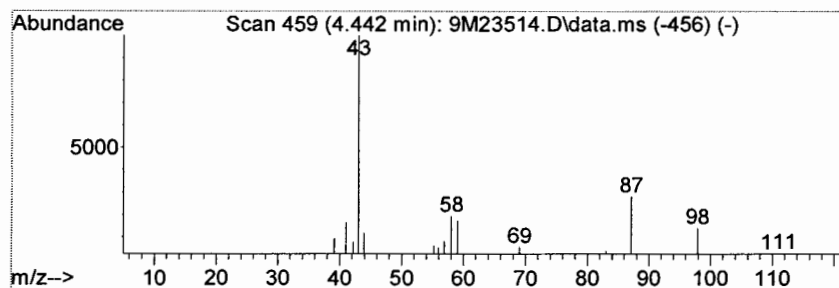
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	5.58 ng	18110	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
2		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	17
3		2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9
4		OXETANE, 2-HYDROXY-1,1,2-TRIMETHYL-	116	C6H12O2	000000-00-0	9
5		Acetic acid, 1-methylpropyl ester	116	C6H12O2	000105-46-4	9



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
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Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

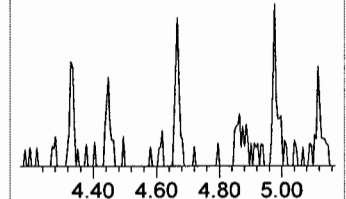
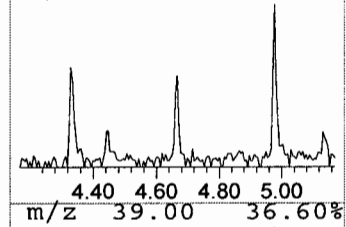
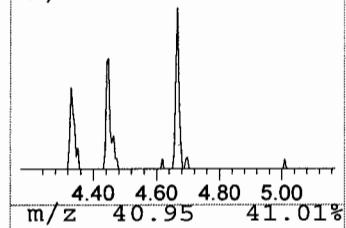
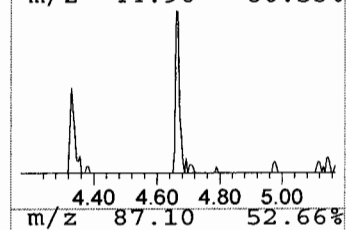
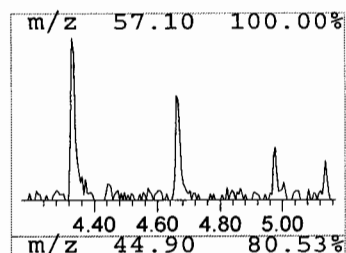
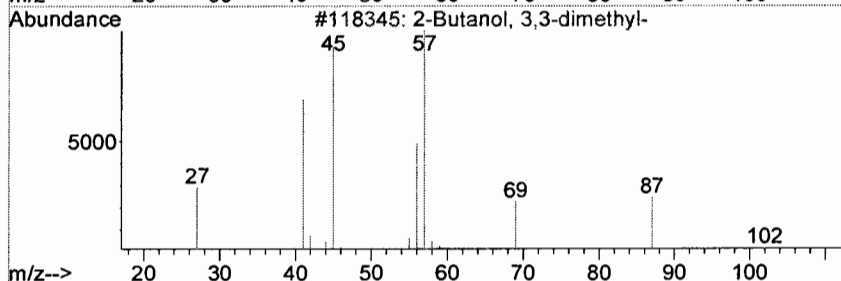
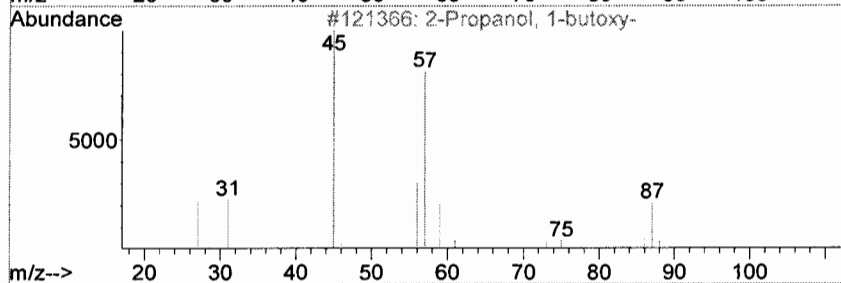
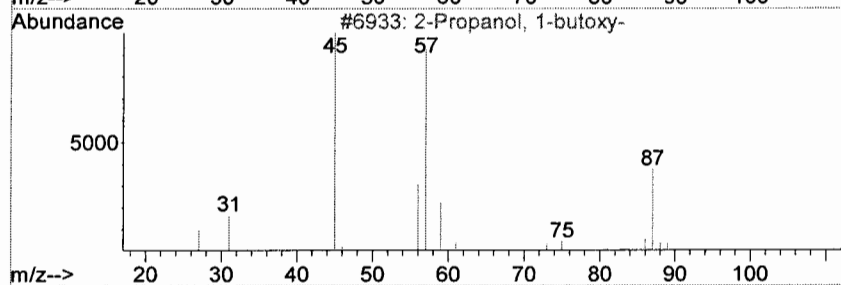
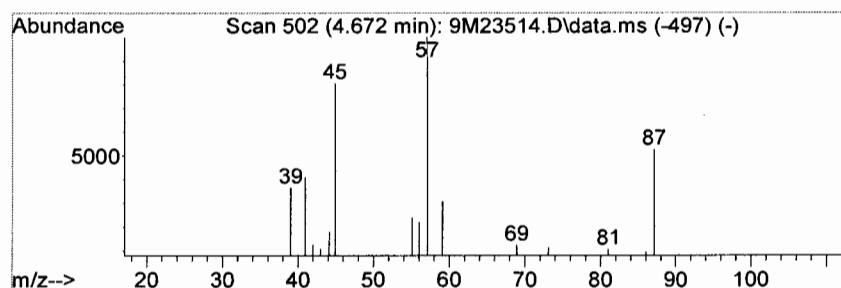
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 6 2-Propanol, 1-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	6.12 ng	19892	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
2		2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	64
3		2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	50
4		2-Butanol	74	C4H10O	000078-92-2	38
5		Hexane, 1-methoxy-	116	C7H16O	004747-07-3	37



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

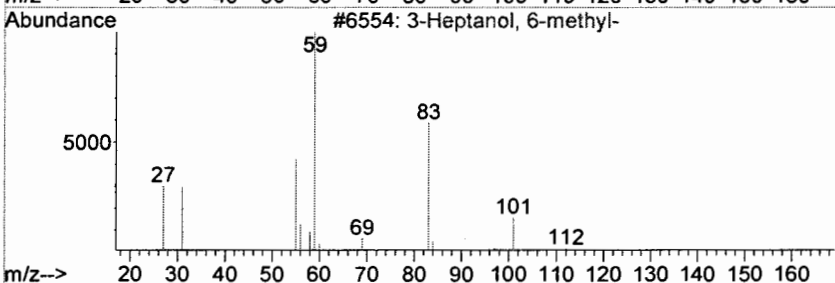
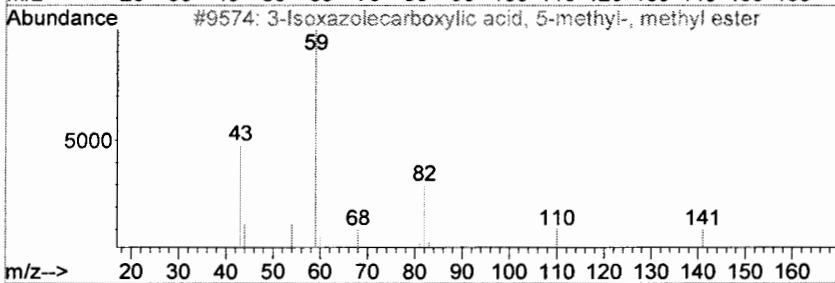
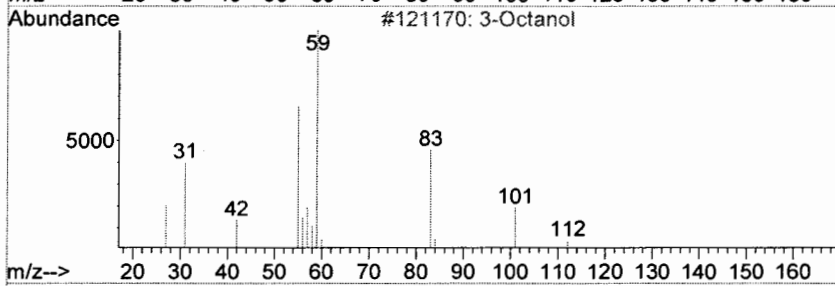
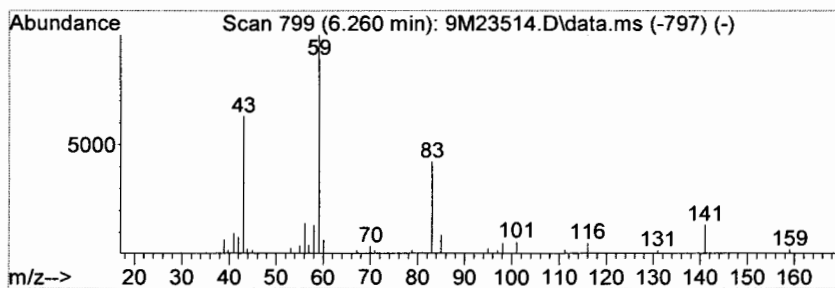
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

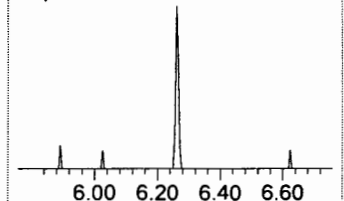
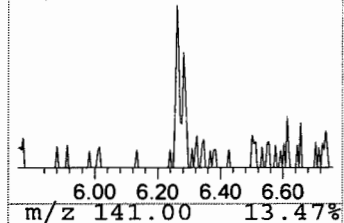
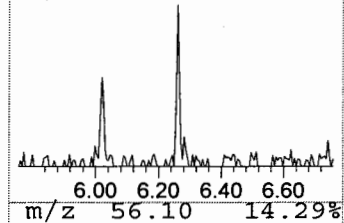
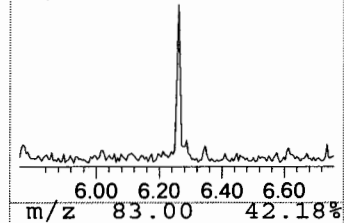
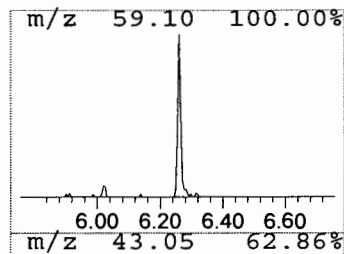
Peak Number 7 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	5.22 ng	23428	LibIS-Naphthalene-d8	6.29

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Octanol	130	C8H18O	000589-98-0	50
2		3-Isoxazolecarboxylic acid, 5-me...	141	C6H7NO3	019788-35-3	43
3		3-Heptanol, 6-methyl-	130	C8H18O	018720-66-6	40
4		3-Octanol	130	C8H18O	000589-98-0	39
5		Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	38



9M_0301.M Thu Mar 04 18:03:20 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

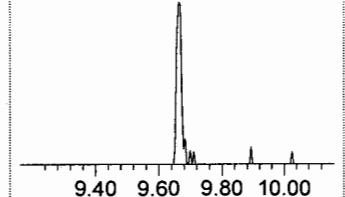
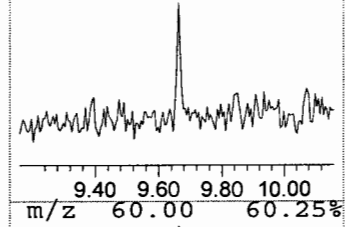
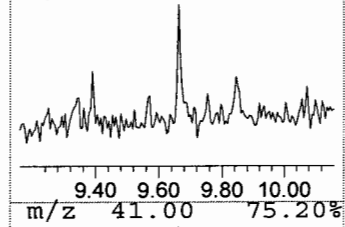
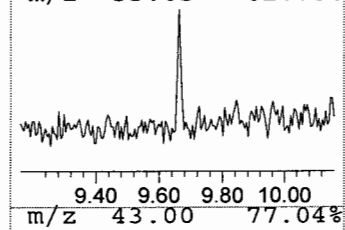
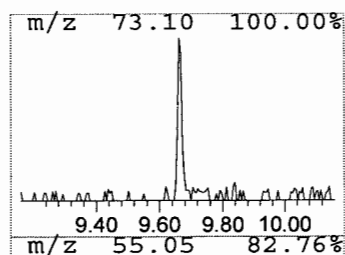
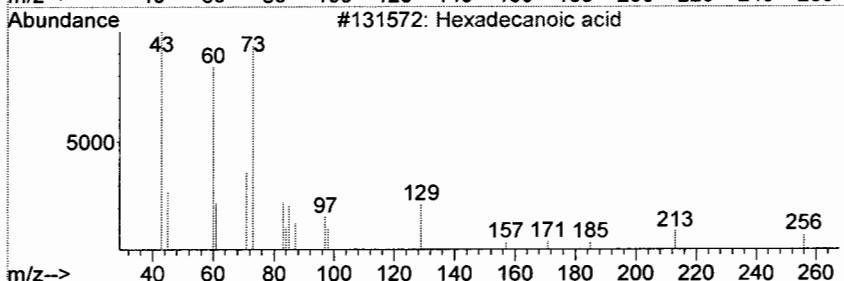
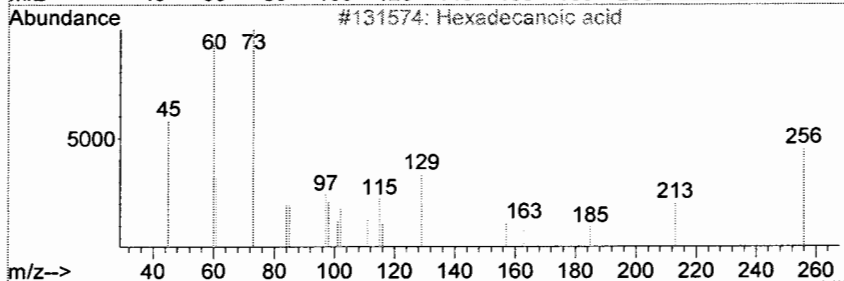
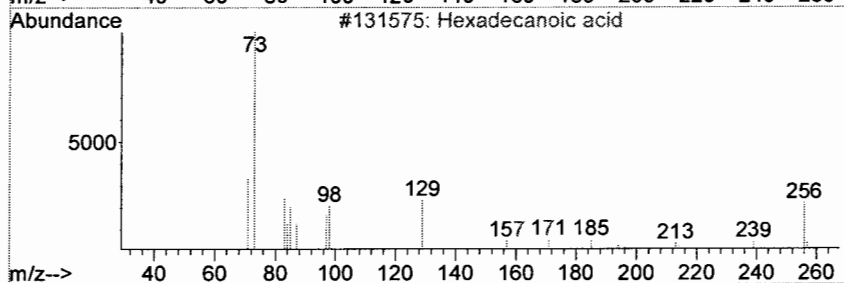
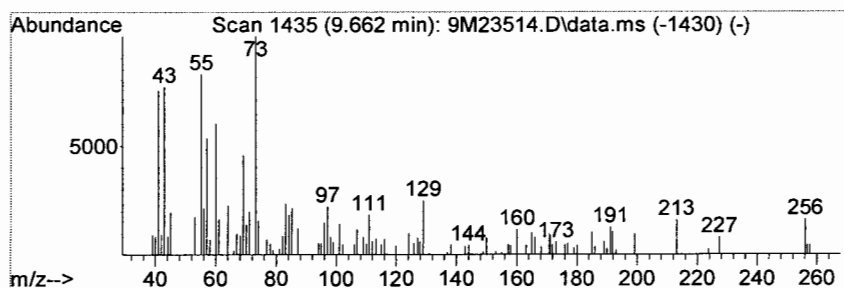
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 8 Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	6.59 ng	43371	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid	256	C16H32O2	000057-10-3	52
2			Hexadecanoic acid	256	C16H32O2	000057-10-3	47
3			Hexadecanoic acid	256	C16H32O2	000057-10-3	43
4			Tridecanoic acid	214	C13H26O2	000638-53-9	43
5			Decanoic acid	172	C10H20O2	000334-48-5	42



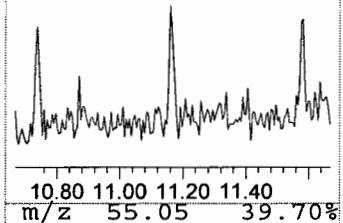
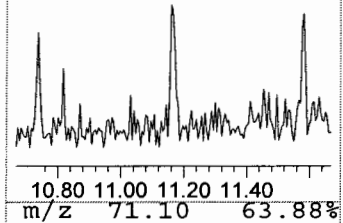
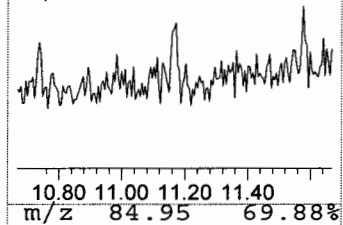
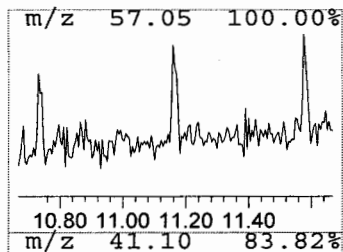
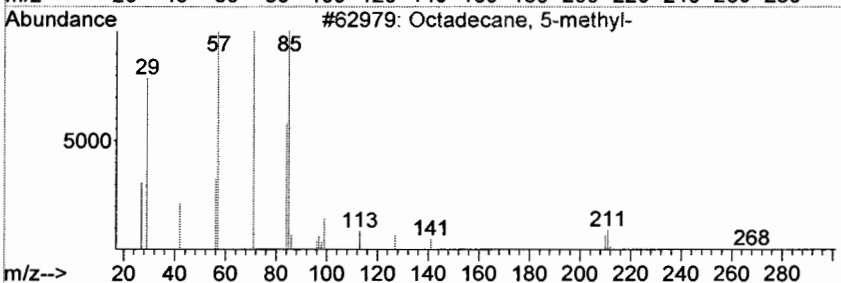
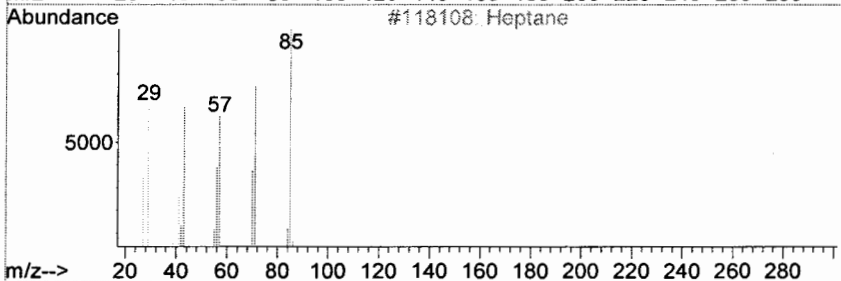
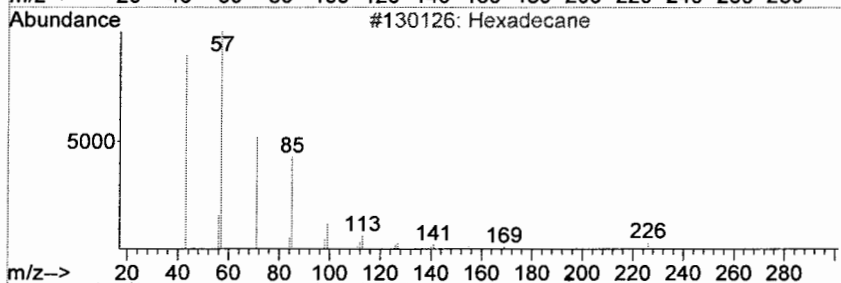
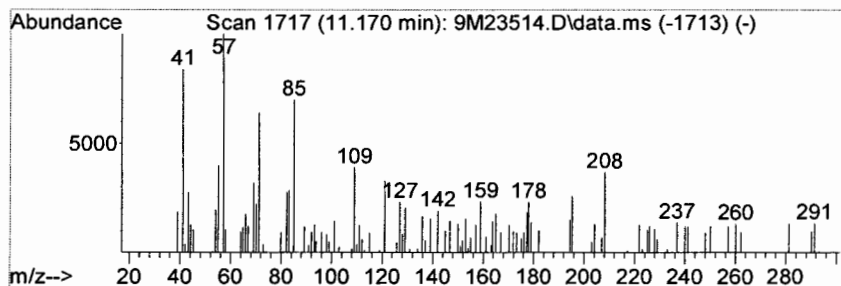
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Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

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 9 unknown Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.17	4.84 ng	24259	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	43
2	Heptane	100	C7H16	000142-82-5	38
3	Octadecane, 5-methyl-	268	C19H40	025117-35-5	38
4	Pentadecane	212	C15H32	000629-62-9	30
5	Heptadecane	240	C17H36	000629-78-7	30



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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Acq On : 2 Mar 2010 14:45
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ALS Vial : 17 Sample Multiplier: 1

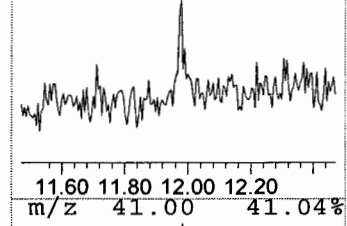
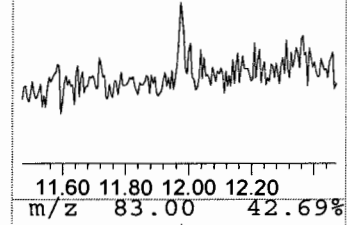
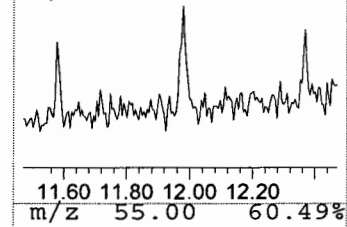
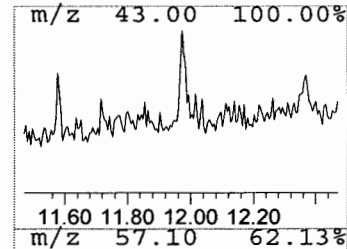
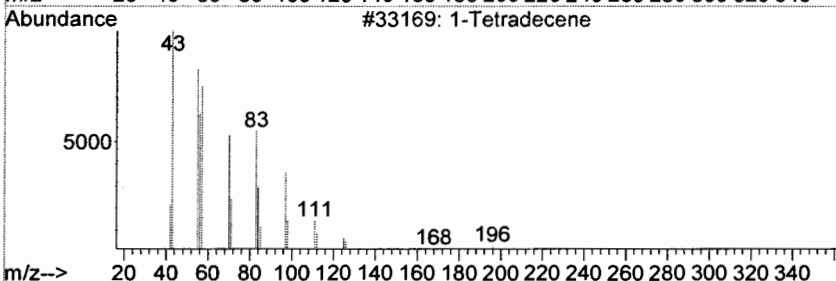
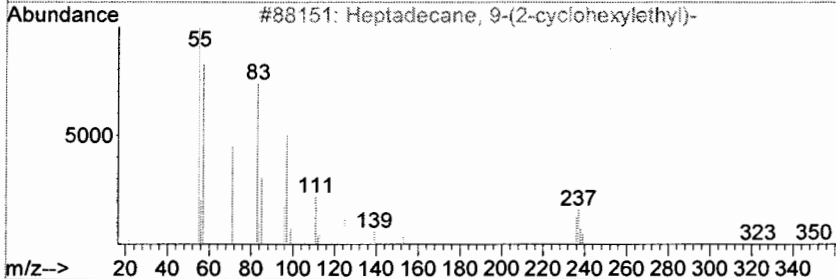
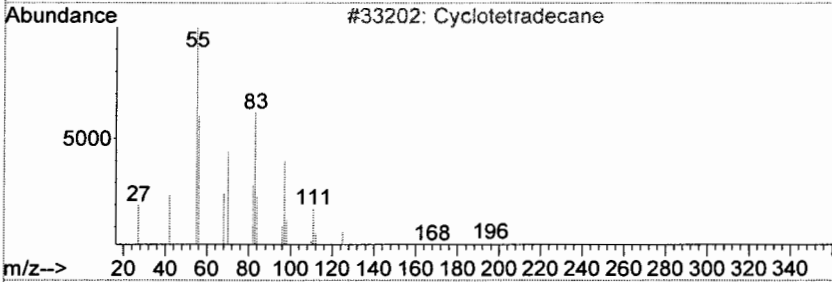
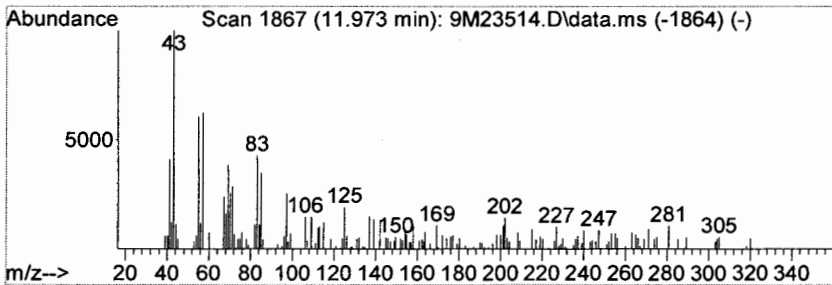
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 10 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.99 ng	50072	LibIS-Chrysene-d12	12.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	45
2	Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	43
3	1-Tetradecene	196	C14H28	001120-36-1	43
4	DODECANE, 6-CYCLOHEXYL-	252	C18H36	013151-86-5	43
5	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

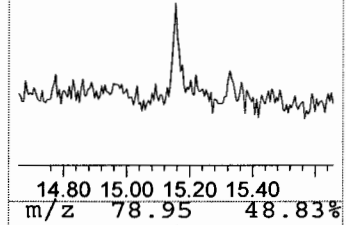
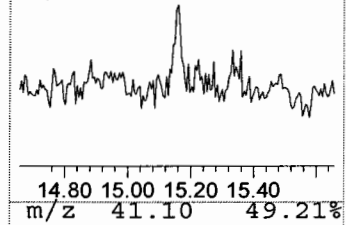
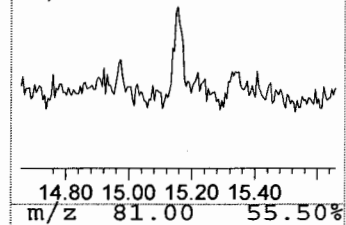
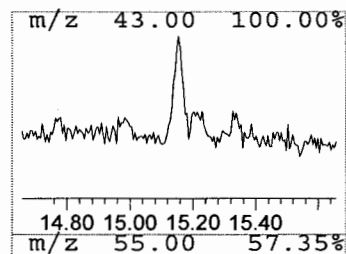
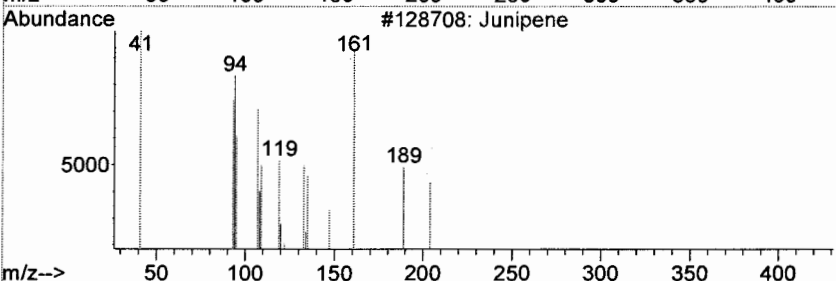
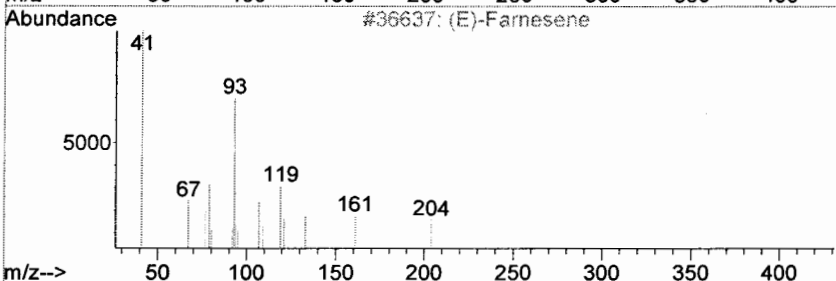
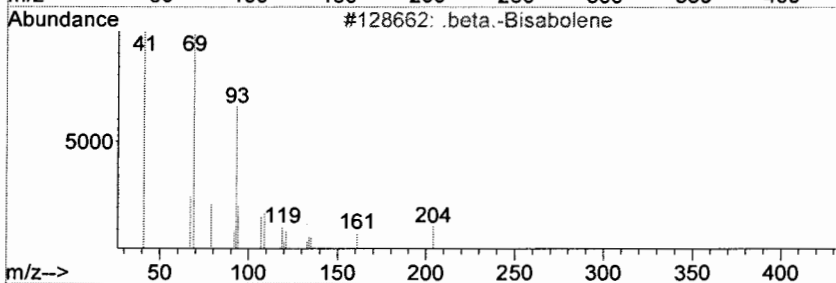
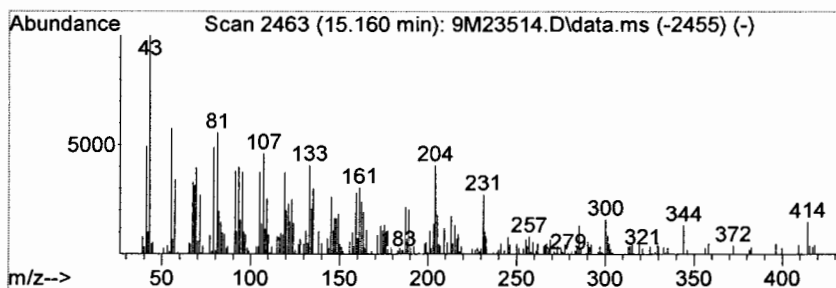
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 11 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	47.13 ng	246073	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		beta.-Bisabolene	204	C15H24	000495-61-4	46
2	(E)-		Farnesene	204	C15H24	000106-28-5	42
3			Junipene	204	C15H24	000475-20-7	41
4			GLOBULOL	222	C15H26O	000489-41-8	38
5	1H-3a,7-		Methanoazulene, octahydr...	204	C15H24	000508-55-4	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23514.D
Acq On : 2 Mar 2010 14:45
Operator : AHD
Sample : AC50034-002
Misc : S,BNA
ALS Vial : 17 Sample Multiplier: 1

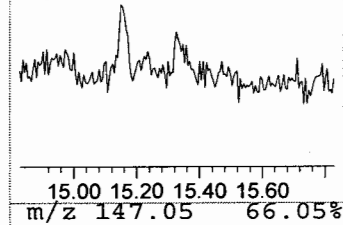
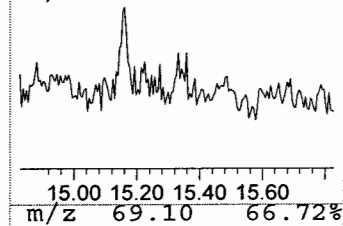
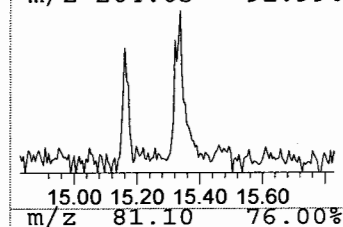
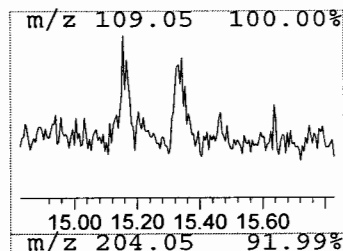
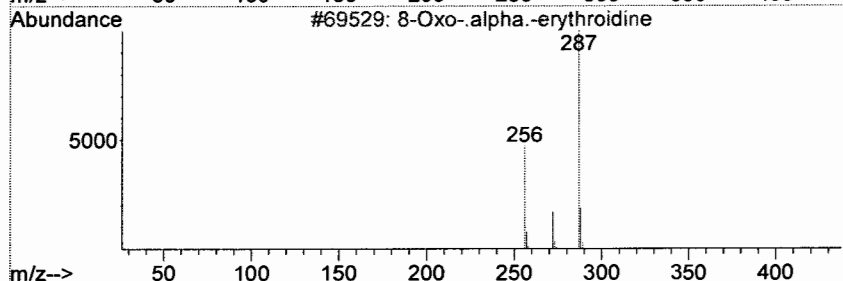
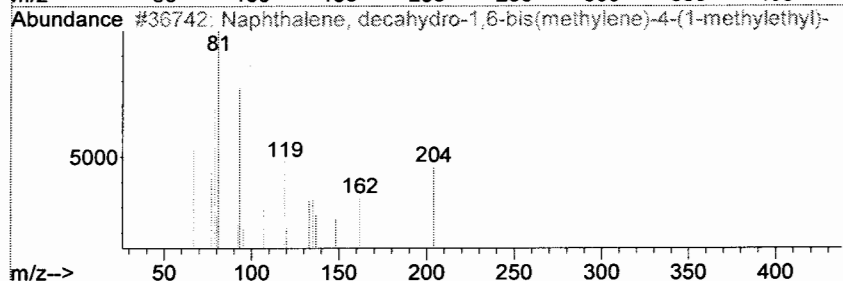
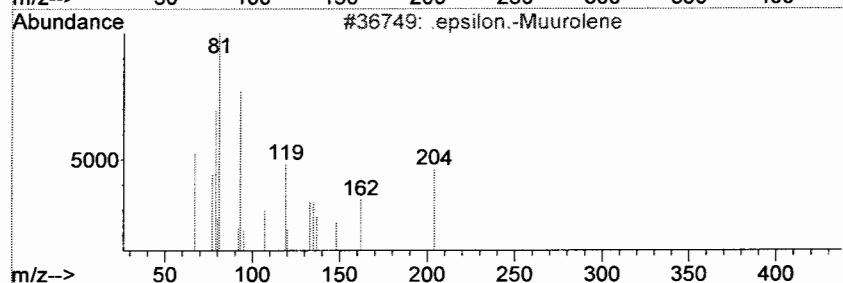
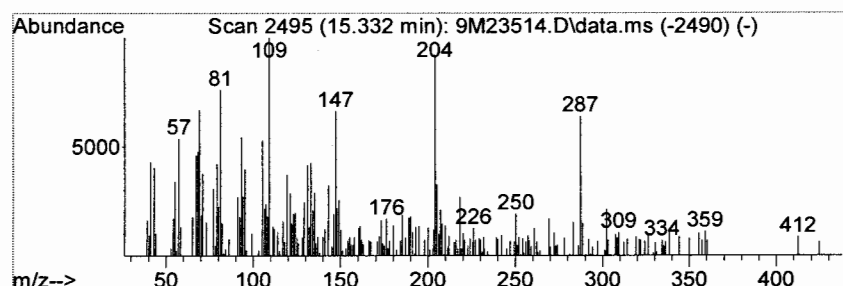
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 12 .epsilon.-Muurolene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	19.91 ng	103946	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		epsilon.-Muurolene	204	C15H24	030021-46-6	80
2	Naphthalene, decahydro-1,6-bis(m...			204	C15H24	054932-90-0	80
3	8-Oxo-.alpha.-erythroidine			287	C16H17NO4	000000-00-0	52
4	8-Oxo-.beta.-erythroidine			287	C16H17NO4	000000-00-0	50
5	2-(3,4-Dihydro-6,7-dimethoxy-1-i...			287	C17H21NO3	078631-98-8	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23514.D
 Acq On : 2 Mar 2010 14:45
 Operator : AHD
 Sample : AC50034-002
 Misc : S,BNA
 ALS Vial : 17 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-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.91	11.2	ng	36456	1	5.27	5.27	129914	40.0
unknown	3.29	9.1	ng	29514	1	5.27	5.27	129914	40.0
2-Pentanone, 4-hy...	3.70	3159.9	ng	10263051	1	5.27	5.27	129914	40.0
Ethanol, 2-butoxy-	4.33	5.0	ng	16226	1	5.27	5.27	129914	40.0
unknown	4.44	5.6	ng	18110	1	5.27	5.27	129914	40.0
2-Propanol, 1-but...	4.67	6.1	ng	19892	1	5.27	5.27	129914	40.0
unknown	6.26	5.2	ng	23428	2	6.29	6.29	179460	40.0
Hexadecanoic acid	9.66	6.6	ng	43371	4	9.04	9.04	263405	40.0
unknown	11.17	4.8	ng	24259	5	12.05	12.05	200394	40.0
unknown	11.97	10.0	ng	50072	5	12.05	12.05	200394	40.0
unknown	15.16	47.1	ng	246073	6	13.65	13.65	208867	40.0
.epsilon.-Muurolene	15.33	19.9	ng	103946	6	13.65	13.65	208867	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-003

Client Id: PI01-TP-RAO2022210S01

Data File: 5M55842.D

Analysis Date: 03/02/10 11:51

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 1

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.081	U	191-24-2	Benzo[g,h,i]perylene	0.081	U
122-66-7	1,2-Diphenylhydrazine	0.081	U	207-08-9	Benzo[k]fluoranthene	0.081	U
95-95-4	2,4,5-Trichlorophenol	0.081	U	65-85-0	Benzoic Acid	0.41	U
88-06-2	2,4,6-Trichlorophenol	0.081	U	111-91-1	bis(2-Chloroethoxy)methan	0.081	U
120-83-2	2,4-Dichlorophenol	0.081	U	111-44-4	bis(2-Chloroethyl)ether	0.081	U
105-67-9	2,4-Dimethylphenol	0.081	U	108-60-1	bis(2-chloroisopropyl)ether	0.081	U
51-28-5	2,4-Dinitrophenol	0.41	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.081	U
121-14-2	2,4-Dinitrotoluene	0.081	U	85-68-7	Butylbenzylphthalate	0.081	U
606-20-2	2,6-Dinitrotoluene	0.081	U	86-74-8	Carbazole	0.081	U
91-58-7	2-Chloronaphthalene	0.081	U	218-01-9	Chrysene	0.081	U
95-57-8	2-Chlorophenol	0.081	U	53-70-3	Dibenzo[a,h]anthracene	0.081	U
91-57-6	2-Methylnaphthalene	0.081	U	132-64-9	Dibenzofuran	0.081	U
95-48-7	2-Methylphenol	0.081	U	84-66-2	Diethylphthalate	0.081	U
88-74-4	2-Nitroaniline	0.081	U	131-11-3	Dimethylphthalate	0.081	U
88-75-5	2-Nitrophenol	0.081	U	84-74-2	Di-n-butylphthalate	0.081	U
106-44-5	3&4-Methylphenol	0.081	U	117-84-0	Di-n-octylphthalate	0.081	U
91-94-1	3,3'-Dichlorobenzidine	0.081	U	206-44-0	Fluoranthene	0.081	U
99-09-2	3-Nitroaniline	0.081	U	86-73-7	Fluorene	0.081	U
534-52-1	4,6-Dinitro-2-methylphenol	0.41	U	118-74-1	Hexachlorobenzene	0.081	U
101-55-3	4-Bromophenyl-phenylether	0.081	U	87-68-3	Hexachlorobutadiene	0.081	U
59-50-7	4-Chloro-3-methylphenol	0.081	U	77-47-4	Hexachlorocyclopentadiene	0.41	U
106-47-8	4-Chloroaniline	0.081	U	67-72-1	Hexachloroethane	0.081	U
7005-72-3	4-Chlorophenyl-phenylether	0.081	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.081	U
100-01-6	4-Nitroaniline	0.081	U	78-59-1	Isophorone	0.081	U
100-02-7	4-Nitrophenol	0.081	U	91-20-3	Naphthalene	0.081	U
83-32-9	Acenaphthene	0.081	U	98-95-3	Nitrobenzene	0.081	U
208-96-8	Acenaphthylene	0.081	U	62-75-9	N-Nitrosodimethylamine	0.081	U
62-53-3	Aniline	0.081	U	621-64-7	N-Nitroso-di-n-propylamine	0.081	U
120-12-7	Anthracene	0.081	U	86-30-6	n-Nitrosodiphenylamine	0.081	U
92-87-5	Benzidine	0.41	U	87-86-5	Pentachlorophenol	0.41	U
56-55-3	Benzo[a]anthracene	0.081	U	85-01-8	Phenanthrene	0.081	U
50-32-8	Benzo[a]pyrene	0.081	U	108-95-2	Phenol	0.081	U
205-99-2	Benzo[b]fluoranthene	0.081	U	129-00-0	Pyrene	0.081	U

Worksheet #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-003	Matrix: Soil
Client Id: PI01-TP-RAO2022210S	Initial Vol: 30g
Data File: 5M55842.D	Final Vol: 1ml
Analysis Date: 03/02/10 11:51	Dilution: 1
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 82
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	3.73	0.64 JAB
2		unknown	4.00	1.0 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.34	81 JAB
4	111-76-2	Ethanol, 2-butoxy-	4.89	0.32 J
5		unknown	5.00	0.32 JB
6	5131-66-8	2-Propanol, 1-butoxy-	5.21	0.32 JB
7	108-67-8	Benzene, 1,3,5-trimethyl-	5.65	0.22 JB
8		unknown	6.77	0.26 JB
9		unknown	8.53	0.21 J
10	74764-11-7	Iron, tricarbonyl[N-(phenyl-2-pyridinylm	11.85	0.21 J
11	630-02-4	Octacosane	12.27	0.32 J
12	629-99-2	Pentacosane	12.67	0.38 J
13	74764-11-7	Iron, tricarbonyl[N-(phenyl-2-pyridinylm	13.06	0.36 J
14	7098-22-8	Tetratetracontane	13.44	0.37 J
15	593-49-7	Heptacosane	13.79	0.20 J
16	630-02-4	Octacosane	14.15	0.22 J

Worksheet #: 144328

Total Tentatively Identified Concentration 86*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.*

SampleID : AC50034-003
 Data File: 5M55842.D
 Acq On : 03/ 2/10 11:51

Operator : AHD
 Sam Mult : 1 Vial# : 10
 Misc : S,BNA

Qt Meth : 5M_0301.M
 Qt On : 03/02/10 12:35
 Qt Upd On: 03/01/10 15:19

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	47956	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	193885	40.00	ng	0.00
47) Acenaphthene-d10	8.244	164	109835	40.00	ng	0.00
73) Phenanthrene-d10	9.713	188	186912	40.00	ng	0.00
87) Chrysene-d12	12.774	240	139566	40.00	ng	0.00
102) Perylene-d12	14.398	264	129179	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.595	112	127318	74.09	ng	0.00
Spiked Amount 100.000			Recovery	=	74.09%	
15) Phenol-d5	5.477	99	192883	81.03	ng	0.00
Spiked Amount 100.000			Recovery	=	81.03%	
30) Nitrobenzene-d5	6.251	128	35340	42.66	ng	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
52) 2-Fluorobiphenyl	7.651	172	162369	44.85	ng	0.00
Spiked Amount 50.000			Recovery	=	89.70%	
76) 2,4,6-Tribromophenol	8.987	330	29791	102.30	ng	0.00
Spiked Amount 100.000			Recovery	=	102.30%	
90) Terphenyl-d14	11.524	244	183840	47.80	ng	0.00
Spiked Amount 50.000			Recovery	=	95.60%	

Target Compounds

Qvalue

Library Search Internal Standards TIC Results

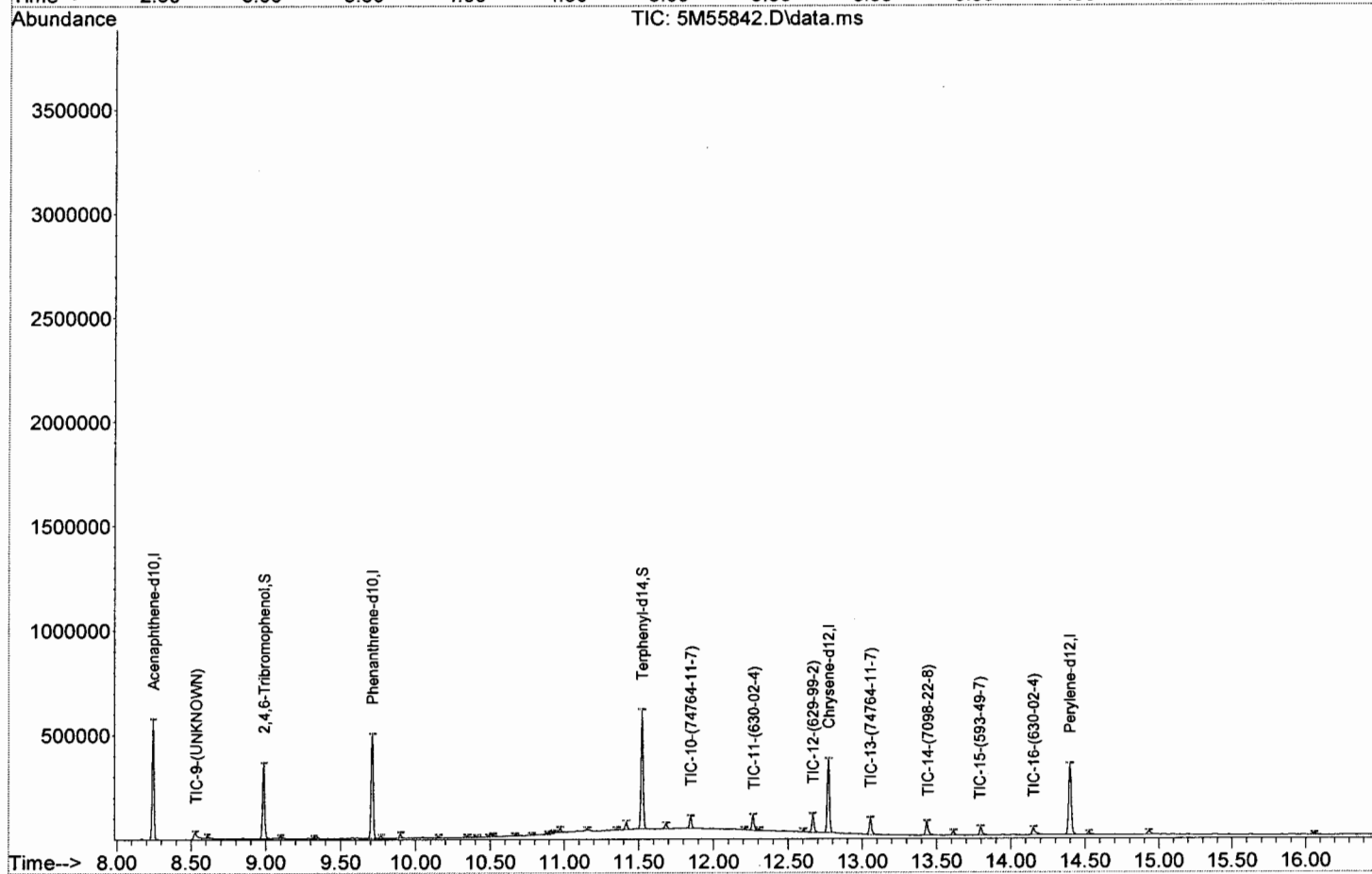
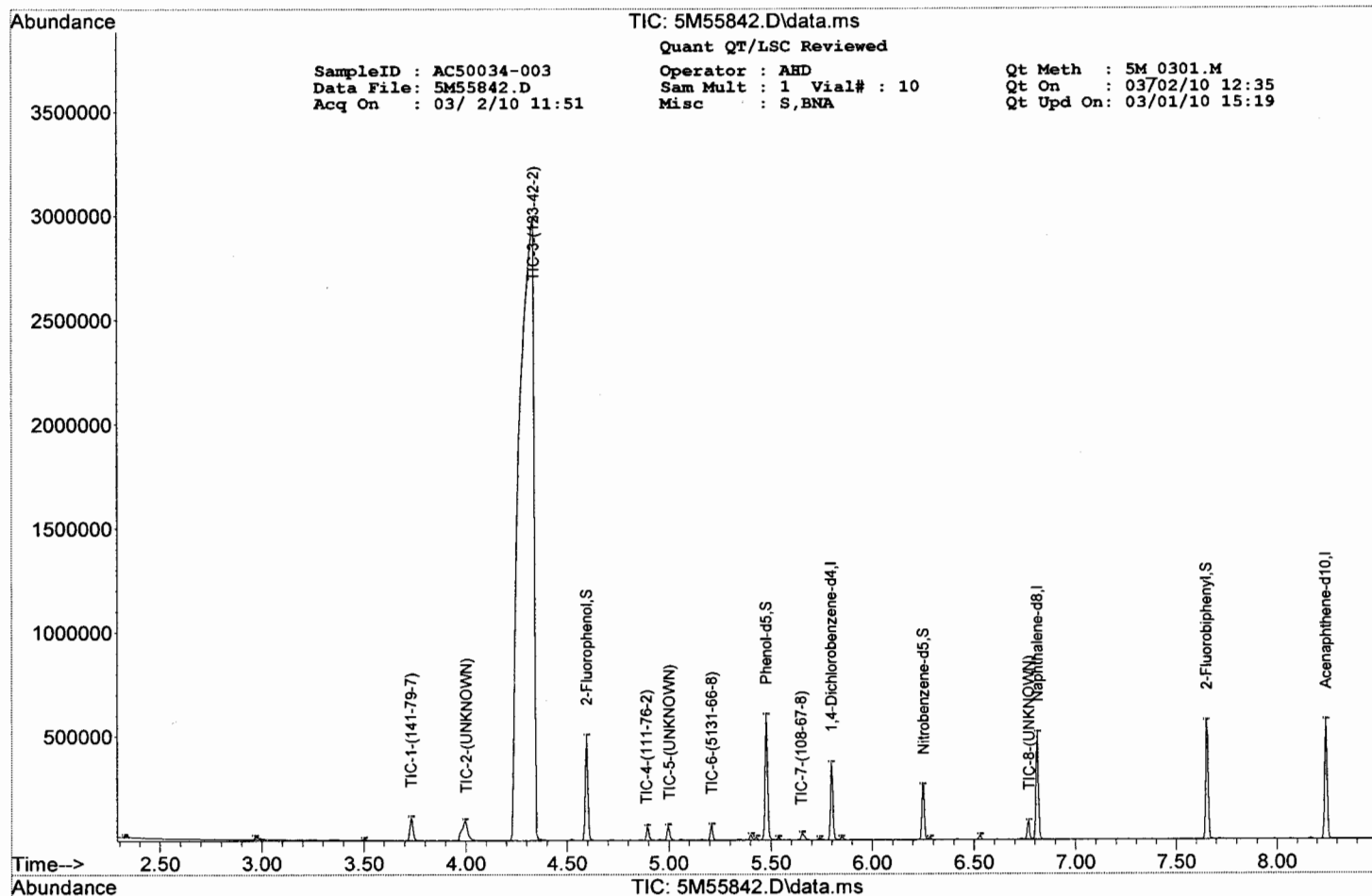
1) 1,4-Dichlorobenzene-d4	5.797	288476	40.00	ng	--
2) Naphthalene-d8	6.812	418172	40.00	ng	--
3) Acenaphthene-d10	8.244	478097	40.00	ng	--
4) Phenanthrene-d10	9.713	499030	40.00	ng	--
5) Chrysene-d12	12.774	376703	40.00	ng	--
6) Perylene-d12	14.398	401877	40.00	ng	--

Library Search Compounds

1) 141-79-7	3.730	112781	15.64	ng	91
2) UNKNOWN	4.000	183997	25.51	ng	--
3) 123-42-2	4.340	14439100	2002.12	ng	74
4) 111-76-2	4.890	56508	7.84	ng	80
5) UNKNOWN	5.000	56861	7.88	ng	--
6) 5131-66-8	5.210	56256	7.80	ng	90
7) 108-67-8	5.650	38641	5.36	ng	97
8) UNKNOWN	6.770	66951	6.40	ng	--
9) UNKNOWN	8.530	63198	5.29	ng	--
10) 74764-11-7	11.850	48447	5.14	ng	91
11) 630-02-4	12.270	74565	7.92	ng	91
12) 629-99-2	12.670	87187	9.26	ng	91
13) 74764-11-7	13.060	83464	8.86	ng	91
14) 7098-22-8	13.440	85265	9.05	ng	91
15) 593-49-7	13.790	49967	4.97	ng	91
16) 630-02-4	14.150	53360	5.31	ng	91

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

lw



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Data File : 5M55842.D
 Acq On : 2 Mar 2010 11:51
 Operator : AHD
 Sample : AC50034-003
 Misc : S,BNA
 ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.05

Stop Thrs : 0

Filtering: 5

Min Area: 500 Area counts

Max Peaks: 250

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M

Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M55842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.325	5	8	15	rVB3	6573	11251	0.08%	0.054%
2	2.966	126	128	138	rBV5	11923	20997	0.15%	0.100%
3	3.500	225	228	232	rVB3	4502	5210	0.04%	0.025%
4	3.730	267	271	279	rBV	108045	112781	0.78%	0.538%
5	3.997	314	321	336	rVB	93466	183997	1.27%	0.879%
6	4.339	362	385	388	rBV	2986411	14439100	100.00%	68.942%
7	4.595	429	433	441	rBV	500024	427513	2.96%	2.041%
8	4.894	486	489	498	rBV	65408	56508	0.39%	0.270%
9	4.996	505	508	517	rVV	67671	56861	0.39%	0.271%
10	5.210	544	548	553	rBV	71107	56256	0.39%	0.269%
11	5.402	581	584	587	rBV	24464	19889	0.14%	0.095%
12	5.429	587	589	592	rVB	13600	9597	0.07%	0.046%
13	5.477	592	598	606	rBV	598221	501643	3.47%	2.395%
14	5.536	606	609	613	rVB	10388	8175	0.06%	0.039%
15	5.653	625	631	640	rVB2	32726	38641	0.27%	0.184%
16	5.739	644	647	654	rVB	8890	8142	0.06%	0.039%
17	5.797	654	658	665	rVV	367701	288508	2.00%	1.378%
18	5.845	665	667	673	rVB3	11721	11629	0.08%	0.056%
19	6.246	739	742	747	rBV	258858	224693	1.56%	1.073%
20	6.283	747	749	751	rVB	10759	7259	0.05%	0.035%
21	6.529	791	795	800	rBV	21200	16065	0.11%	0.077%
22	6.770	836	840	843	rBV	86505	66951	0.46%	0.320%
23	6.812	844	848	854	rVB	509967	410574	2.84%	1.960%
24	7.651	1001	1005	1009	rBV	567091	472455	3.27%	2.256%
25	8.244	1112	1116	1120	rBV	569502	475946	3.30%	2.272%
26	8.527	1161	1169	1177	rBV	32056	63198	0.44%	0.302%
27	8.607	1181	1184	1187	rBV	11104	8662	0.06%	0.041%
28	8.987	1250	1255	1264	rVB	354316	342097	2.37%	1.633%
29	9.099	1272	1276	1278	rBV4	9521	11095	0.08%	0.053%
30	9.323	1313	1318	1321	rBV2	5762	6299	0.04%	0.030%
31	9.713	1386	1391	1395	rBV	492728	496773	3.44%	2.372%
32	9.772	1398	1402	1407	rVB	9548	11690	0.08%	0.056%
33	9.900	1422	1426	1430	rBV	20373	18124	0.13%	0.087%
34	10.157	1470	1474	1479	rVB3	7543	7138	0.05%	0.034%
35	10.349	1501	1510	1513	rBV2	5412	8474	0.06%	0.040%

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.05

Stop Thrs : 0

Filtering: 5

Min Area: 500 Area counts

Max Peaks: 250

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M

Title : @GCMS_5,mg,625,8270

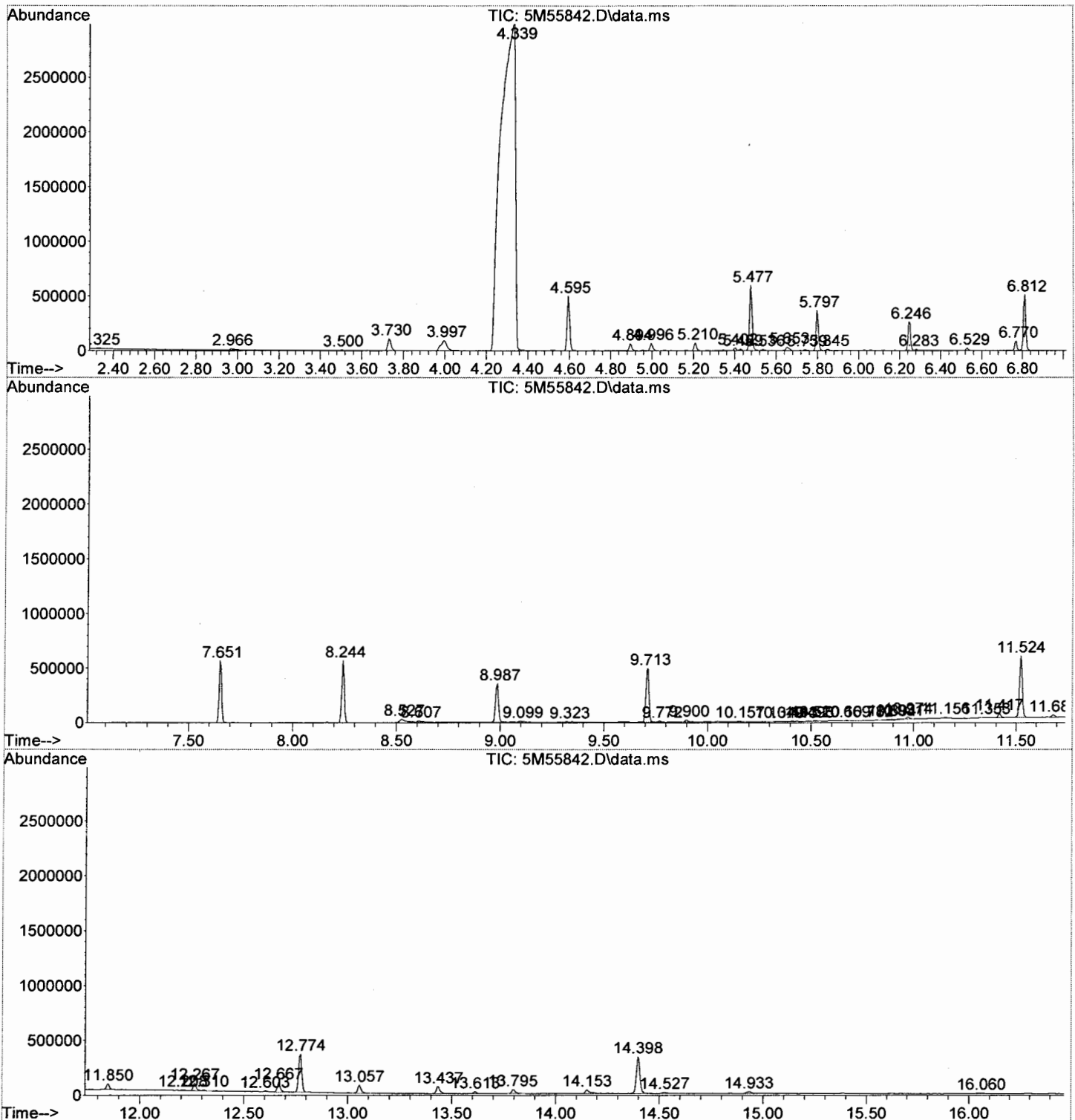
36	10.413	1513	1522	1524	rBV6	3333	7029	0.05%	0.034%
37	10.493	1531	1537	1539	rBV3	5064	6975	0.05%	0.033%
38	10.520	1539	1542	1545	rVV2	6769	6158	0.04%	0.029%
39	10.669	1567	1570	1573	rBV3	4750	5360	0.04%	0.026%
40	10.782	1587	1591	1595	rBV6	3866	5541	0.04%	0.026%
41	10.894	1599	1612	1615	rBV9	8111	21560	0.15%	0.103%
42	10.931	1615	1619	1620	rBV3	6283	6684	0.05%	0.032%
43	10.974	1623	1627	1632	rBV	18986	18897	0.13%	0.090%
44	11.156	1659	1661	1664	rVB3	7564	5854	0.04%	0.028%
45	11.353	1693	1698	1700	rBV4	5922	6403	0.04%	0.031%
46	11.417	1707	1710	1715	rBV	37298	35674	0.25%	0.170%
47	11.524	1725	1730	1735	rVB	563273	536271	3.71%	2.561%
48	11.684	1756	1760	1764	rVB2	21807	23374	0.16%	0.112%
49	11.850	1788	1791	1795	rVB	52529	48447	0.34%	0.231%
50	12.208	1855	1858	1865	rVV5	5584	7783	0.05%	0.037%
51	12.267	1865	1869	1875	rVV	70565	74565	0.52%	0.356%
52	12.310	1875	1877	1884	rVB3	8638	8763	0.06%	0.042%
53	12.603	1929	1932	1935	rVB	8413	8231	0.06%	0.039%
54	12.667	1940	1944	1951	rVB	85003	87187	0.60%	0.416%
55	12.774	1959	1964	1970	rBV	347595	371337	2.57%	1.773%
56	13.057	2011	2017	2027	rVB	75973	83464	0.58%	0.399%
57	13.437	2082	2088	2103	rVB	64345	85265	0.59%	0.407%
58	13.613	2118	2121	2126	rBV	18448	18418	0.13%	0.088%
59	13.795	2150	2155	2166	rBV	37885	49967	0.35%	0.239%
60	14.153	2218	2222	2232	rBV	33595	53360	0.37%	0.255%
61	14.398	2262	2268	2278	rVB2	336031	398906	2.76%	1.905%
62	14.527	2288	2292	2299	rBV4	11692	18189	0.13%	0.087%
63	14.933	2363	2368	2376	rBV2	16208	26683	0.18%	0.127%
64	16.060	2572	2579	2585	rVB9	6753	13435	0.09%	0.064%

Sum of corrected areas: 20943971

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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



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Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

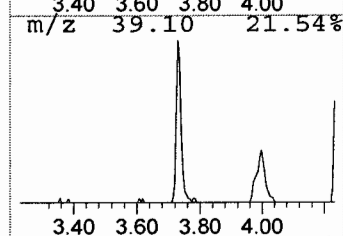
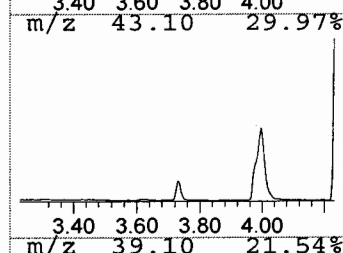
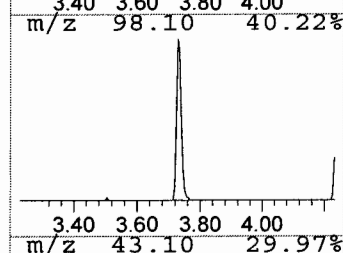
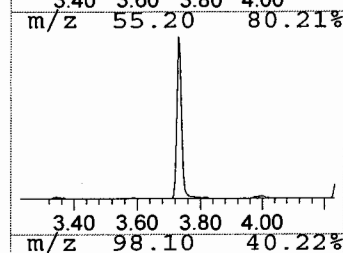
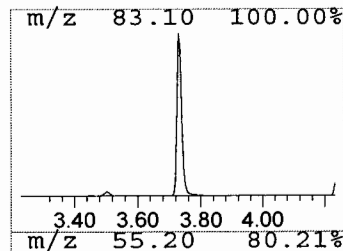
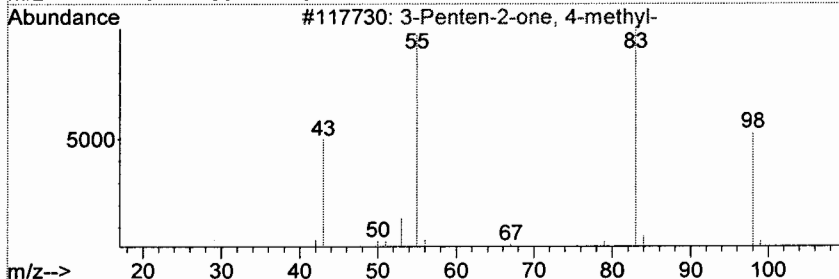
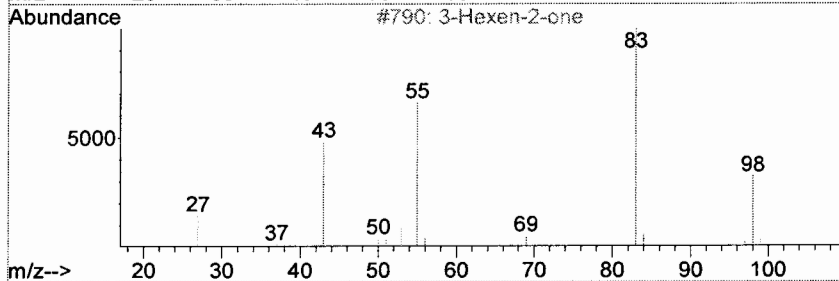
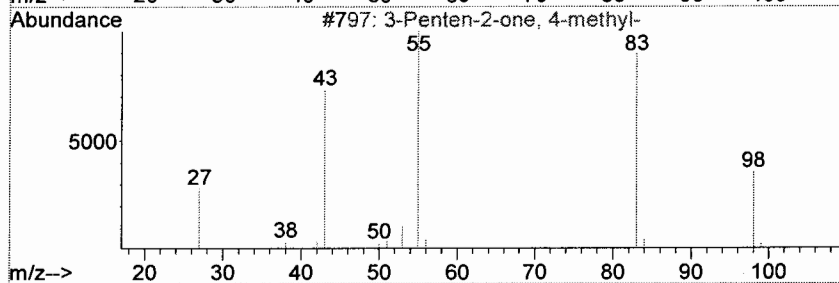
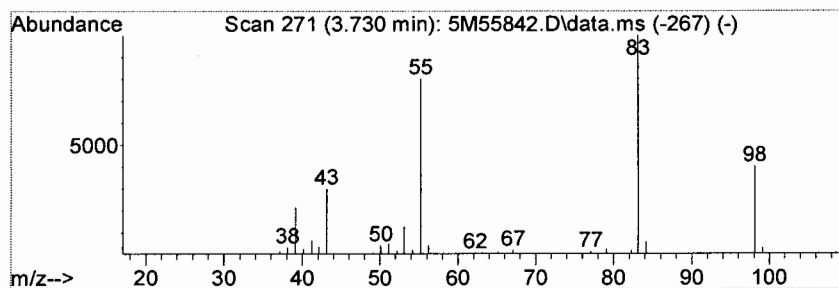
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	15.64 ng	112781	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

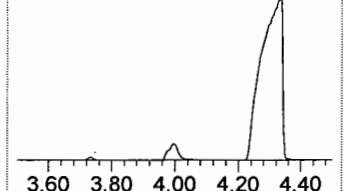
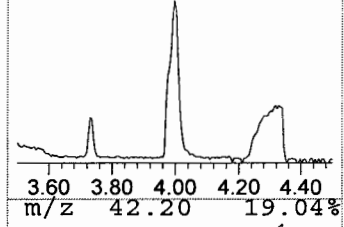
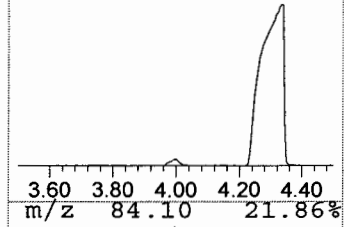
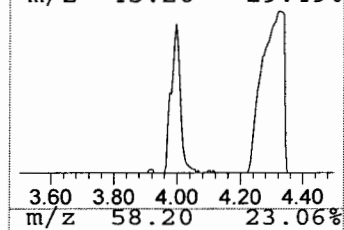
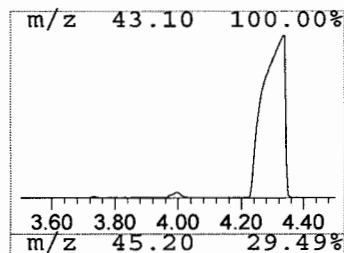
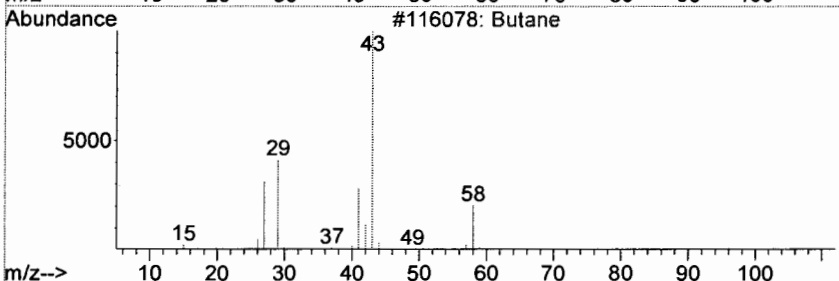
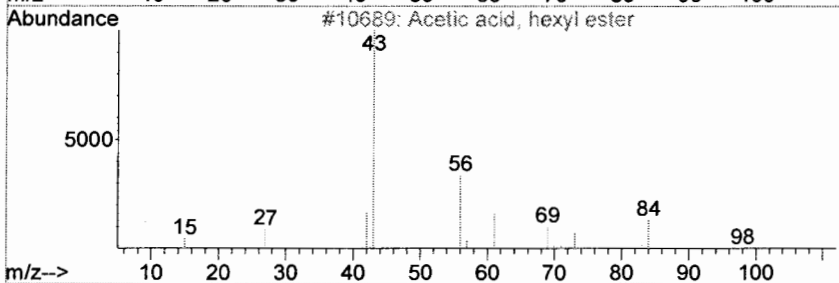
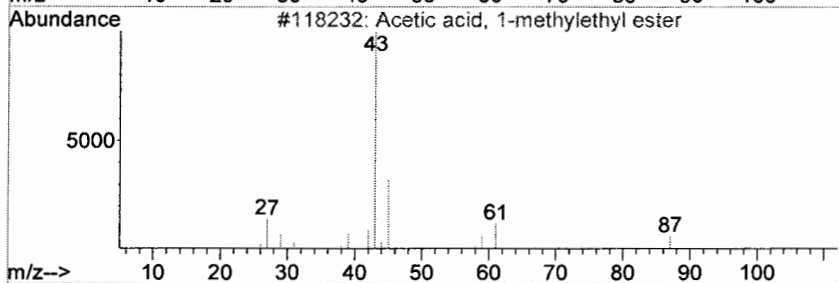
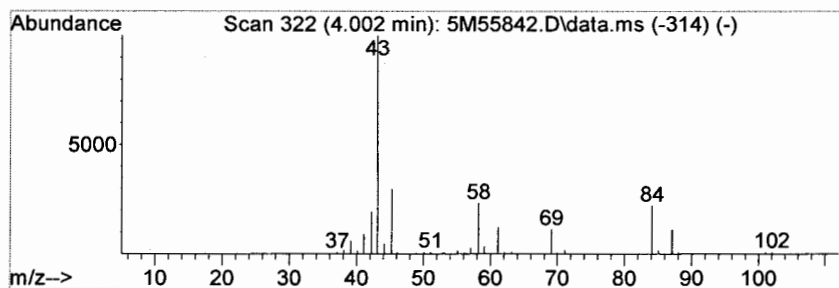
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 2 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	25.51 ng	183997	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	38
2			Acetic acid, hexyl ester	144	C8H16O2	000142-92-7	32
3			Butane	58	C4H10	000106-97-8	30
4			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	17
5			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	17



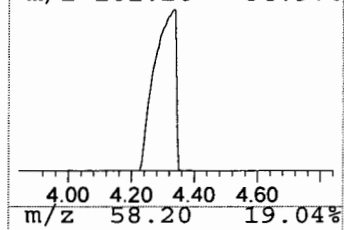
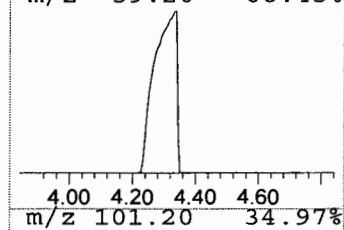
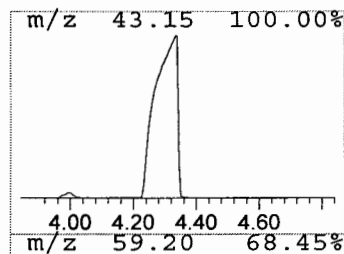
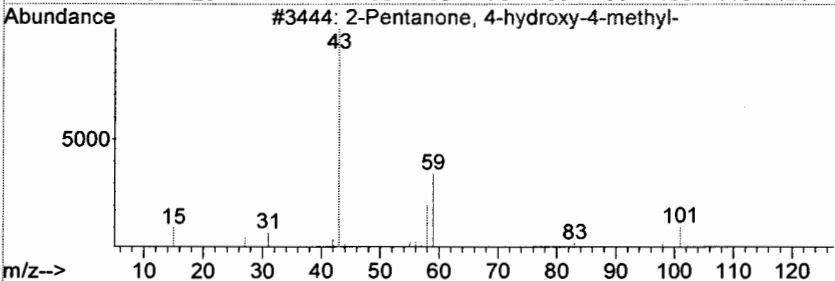
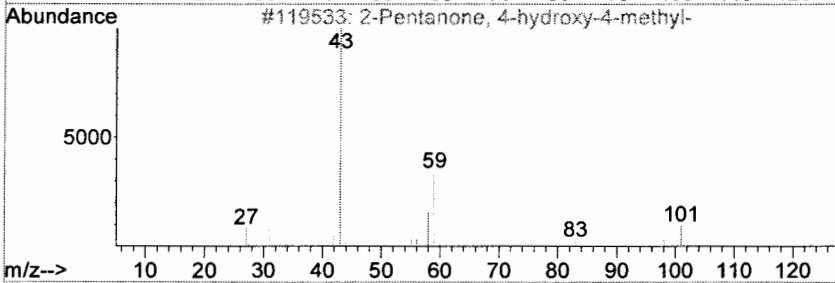
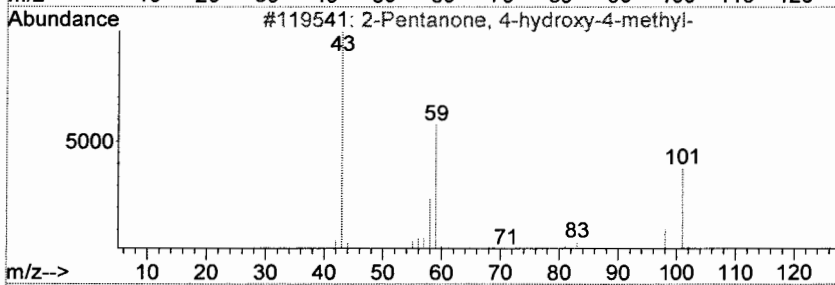
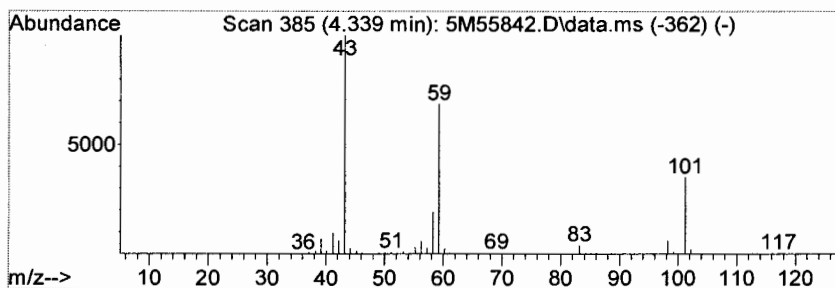
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Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,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.	
4.34	2002.12 ng	14439100	LibIS-1,4-Dichlorobenzene-d4	5.80	
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	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
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	45



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
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Sample : AC50034-003
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ALS Vial : 10 Sample Multiplier: 1

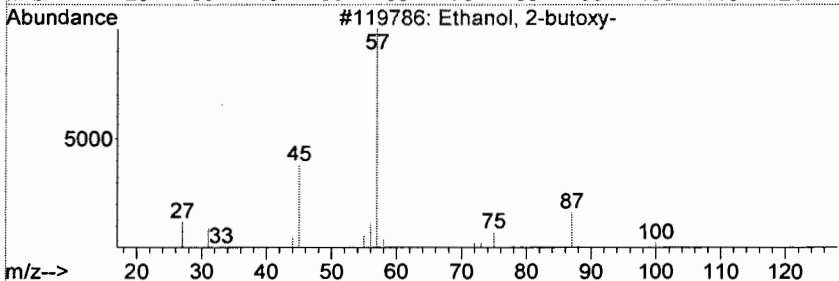
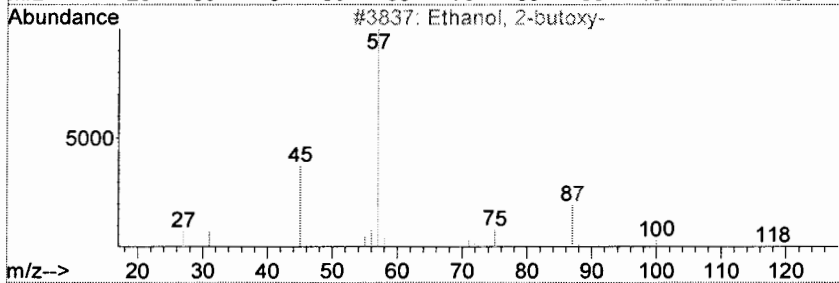
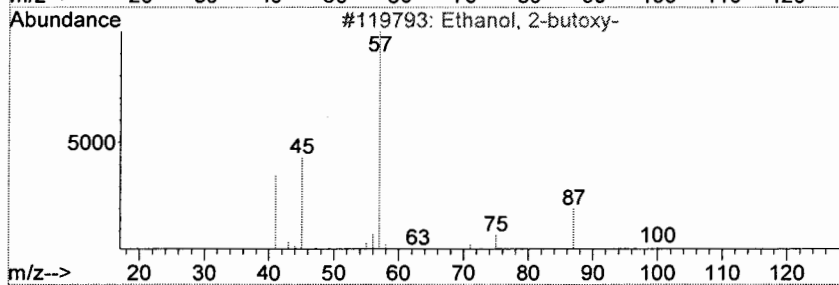
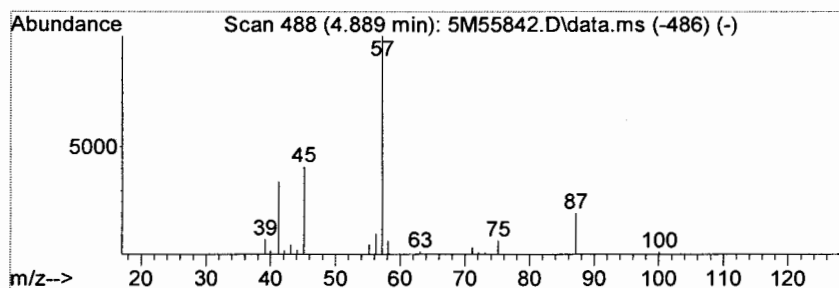
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TIC Library : G:\GCMSDATA\WILEY138.L
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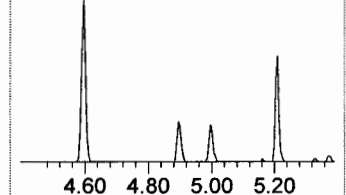
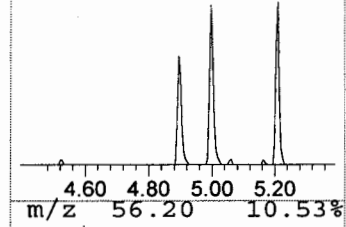
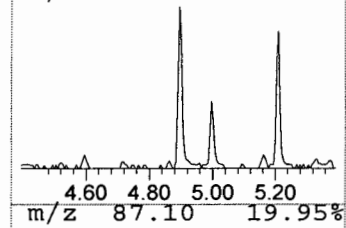
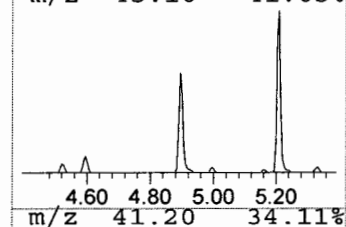
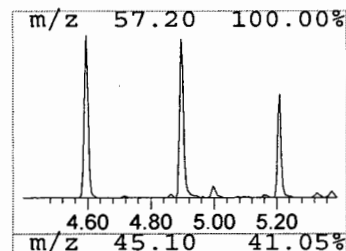
Peak Number 4 Ethanol, 2-butoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	7.84 ng	56508	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	80
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
3			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	64
4			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	56
5			2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	47



5M_0301.M Thu Mar 04 18:03:54 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
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ALS Vial : 10 Sample Multiplier: 1

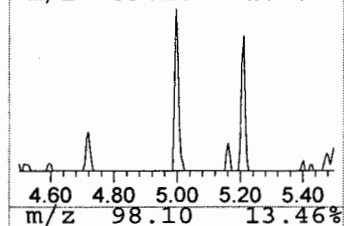
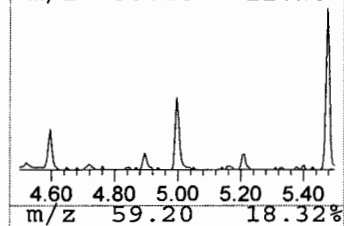
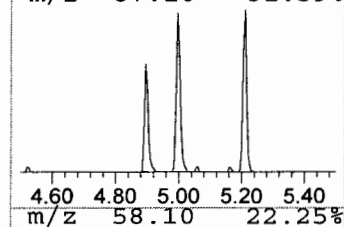
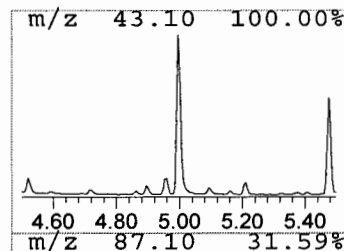
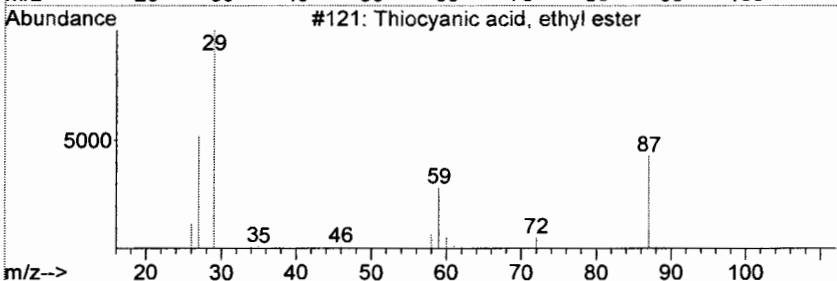
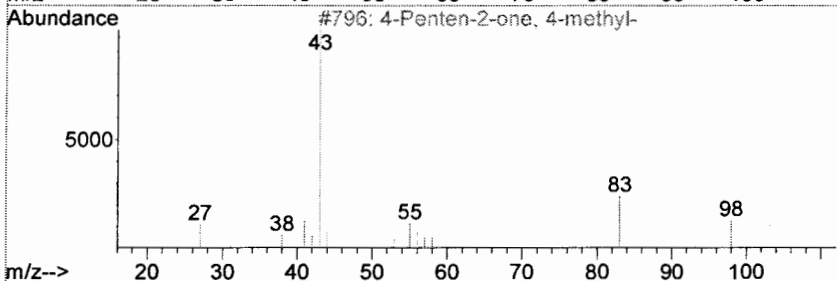
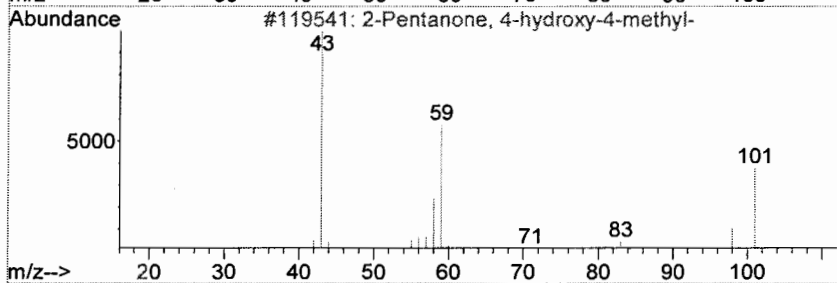
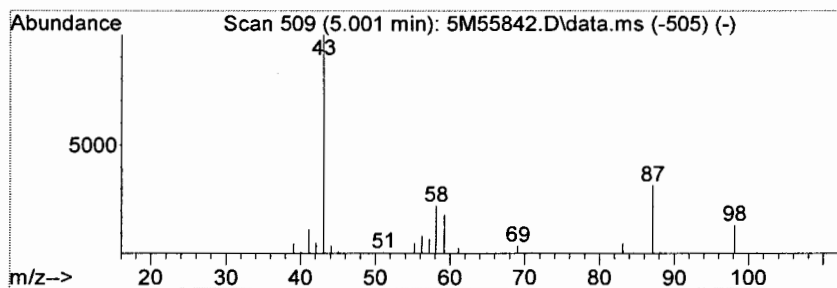
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Quant Title : @GCMS_5,mg,625,8270

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.
5.00	7.88 ng	56861	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
2			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10
3			Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9
4			4-Hexen-2-one	98	C6H10O	025659-22-7	9
5			Ethanone, 1-cyclobutyl-	98	C6H10O	003019-25-8	9



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

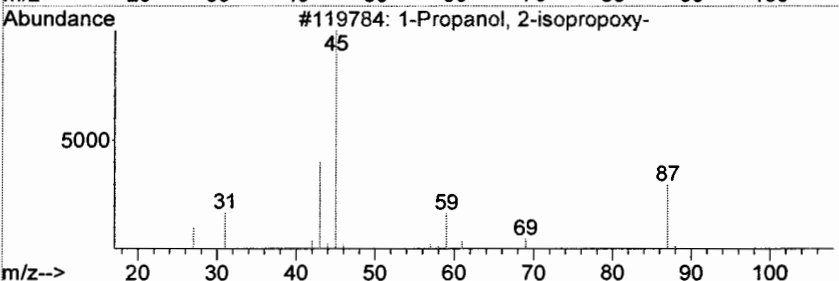
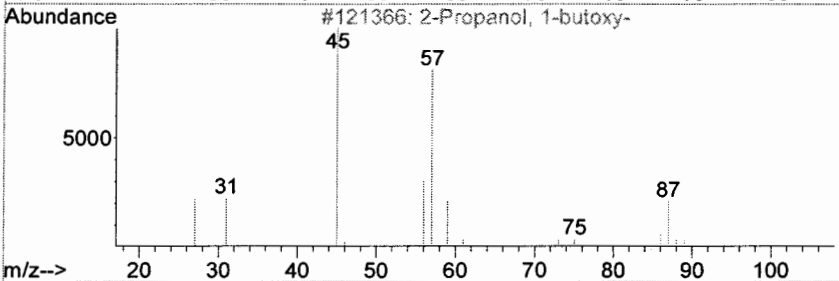
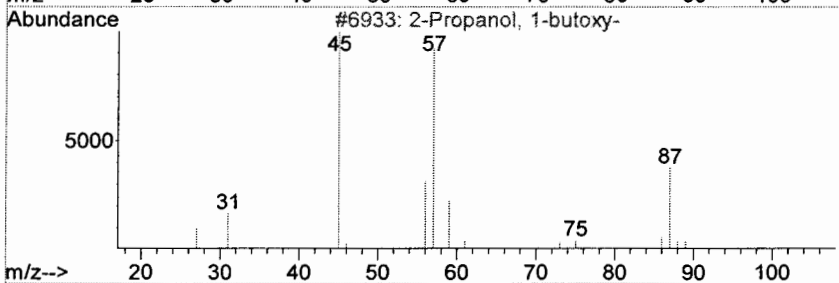
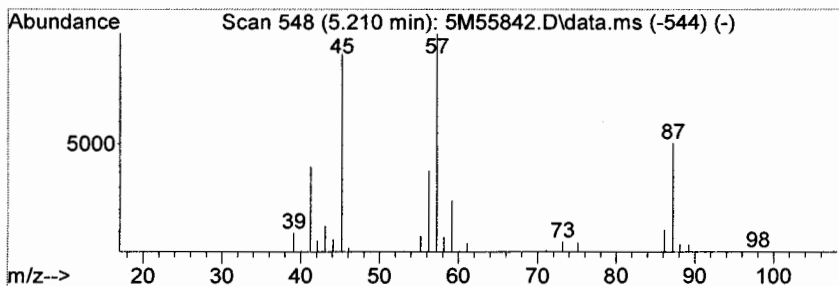
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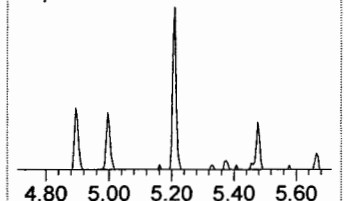
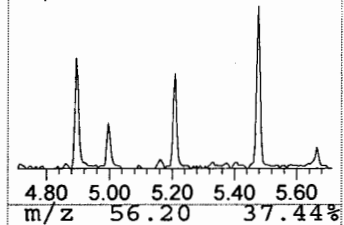
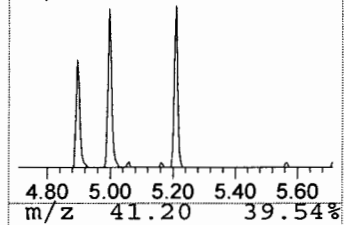
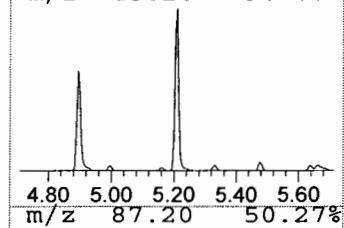
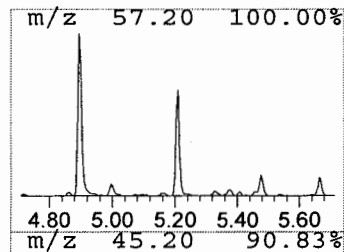
Peak Number 6 2-Propanol, 1-butoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	7.80 ng	56256	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2			2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	72
3			1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	53
4			1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	53
5			2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	43



5M_0301.M Thu Mar 04 18:03:58 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
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ALS Vial : 10 Sample Multiplier: 1

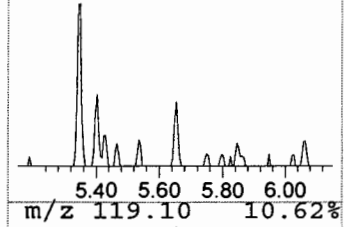
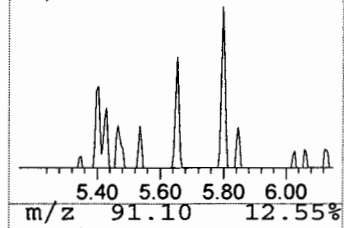
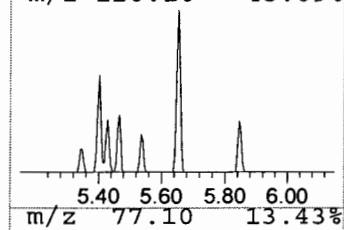
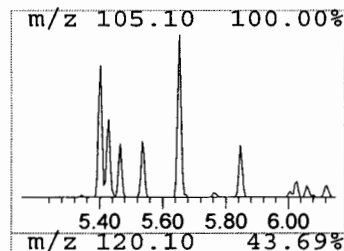
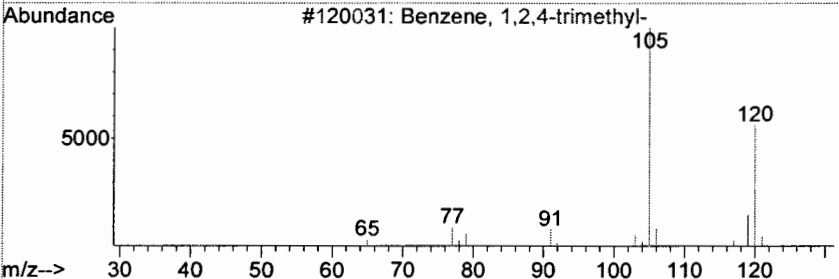
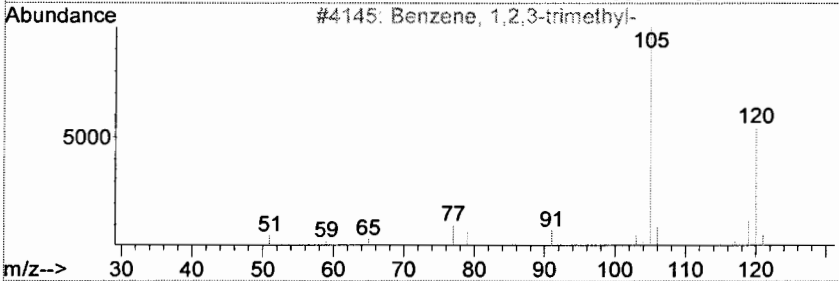
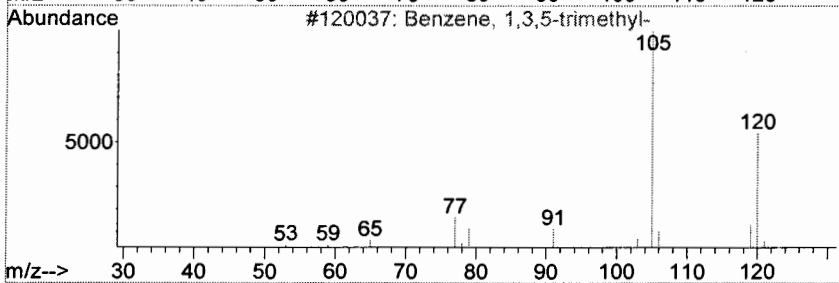
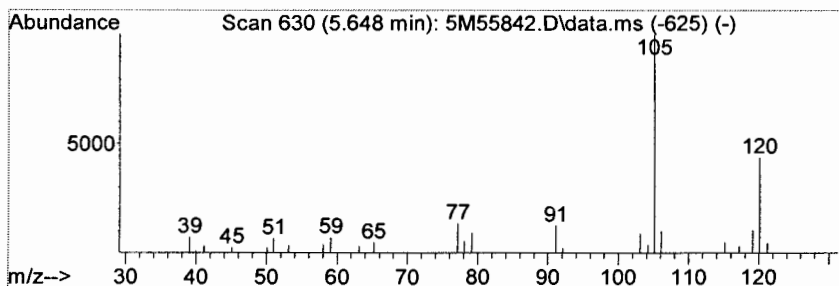
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	5.36 ng	38641	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
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Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

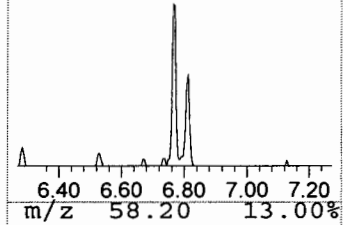
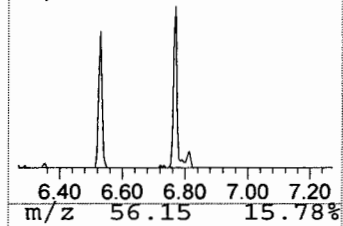
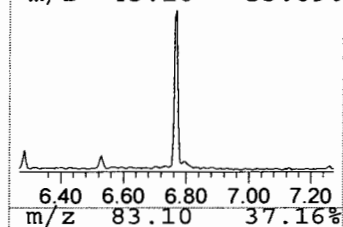
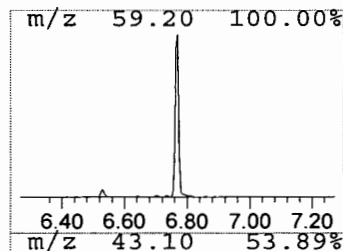
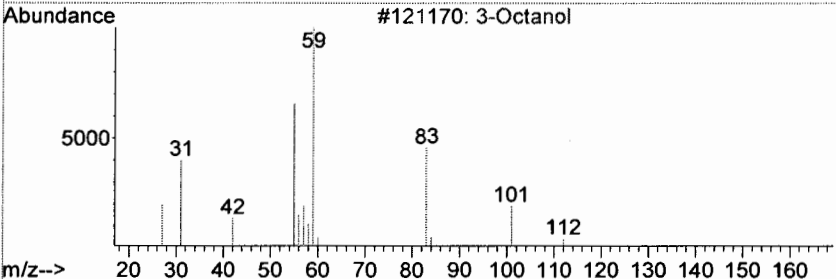
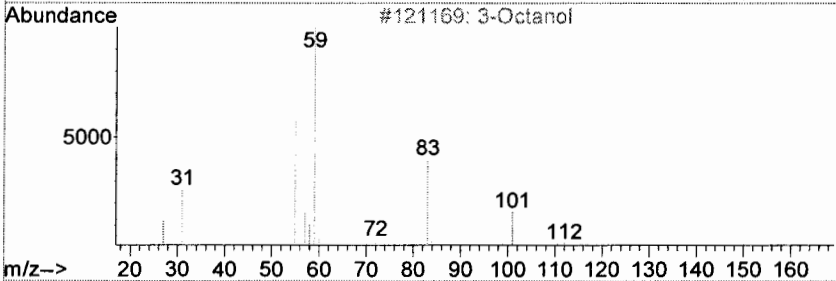
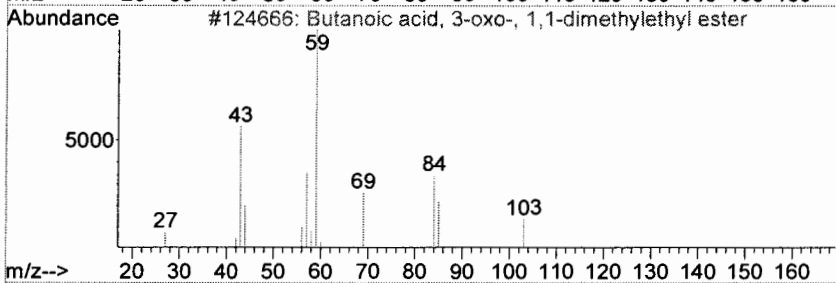
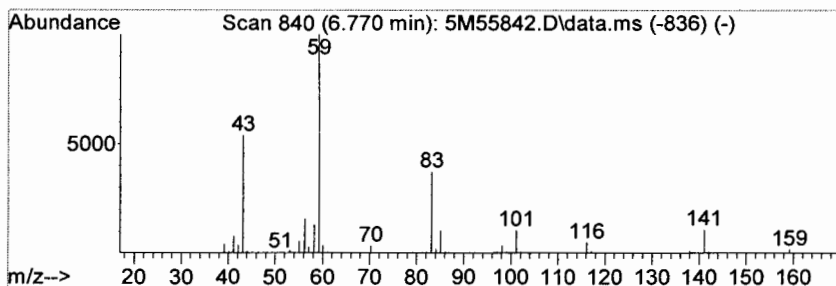
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 8 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	6.40 ng	66951	LibIS-Naphthalene-d8	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	53
2			3-Octanol	130	C8H18O	000589-98-0	45
3			3-Octanol	130	C8H18O	000589-98-0	43
4			3-Heptanol, 5-methyl-	130	C8H18O	018720-65-5	42
5			Formamide, N-butyl-	101	C5H11NO	000871-71-6	38



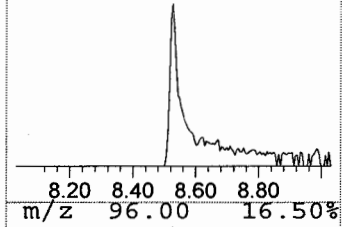
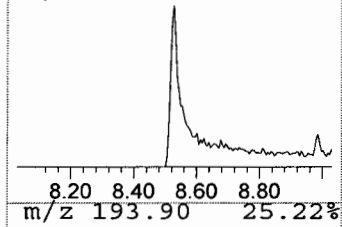
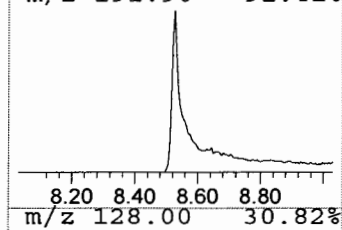
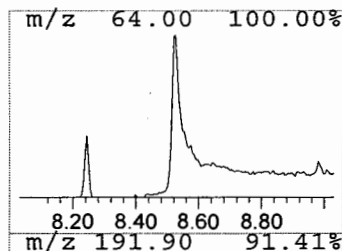
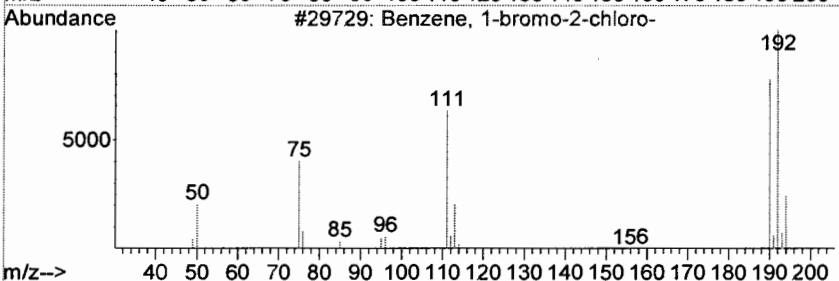
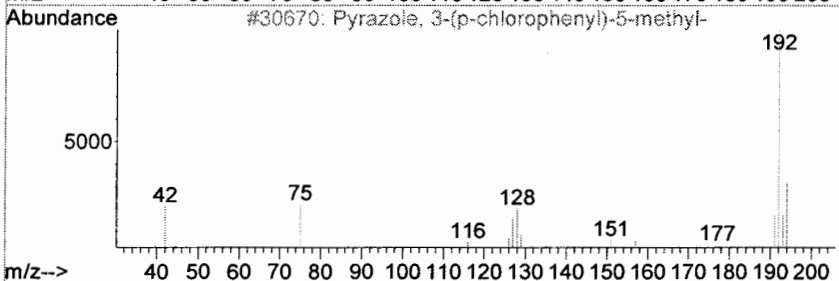
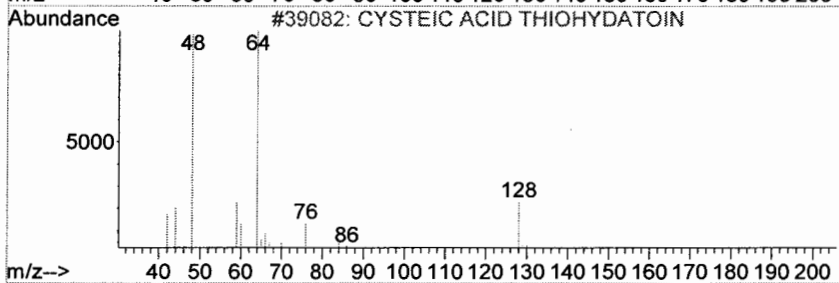
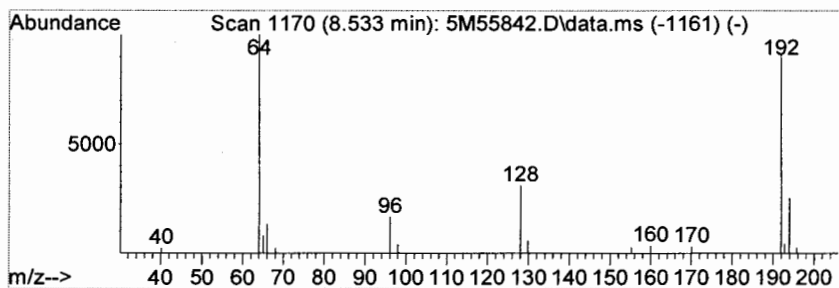
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Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 9 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.53	5.29 ng	63198	LibIS-Acenaphthene-d10	8.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	CYSTEIC ACID THIOHYDATOIN	210	C4H6N2O4S2	000000-00-0	45
2	Pyrazole, 3-(p-chlorophenyl)-5-m...	192	C10H9ClN2	017629-27-5	9
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	9
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	9
5	[1,2,5]SELENADIAZOLO[3,4-C][1,2,...	192	C2N4SSe	059503-56-9	9



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
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Sample : AC50034-003
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ALS Vial : 10 Sample Multiplier: 1

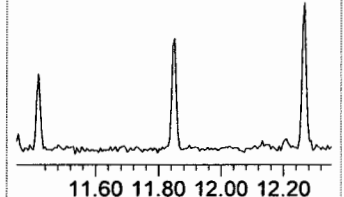
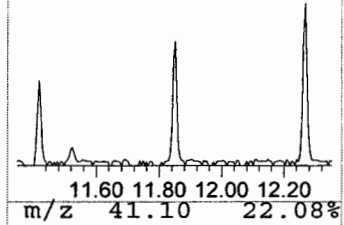
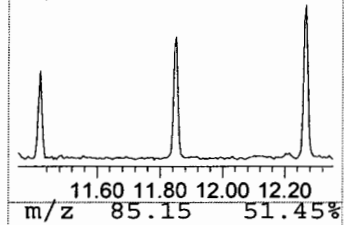
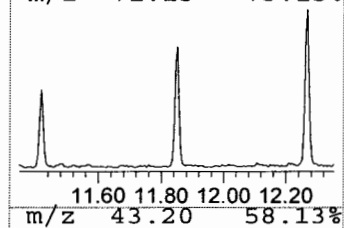
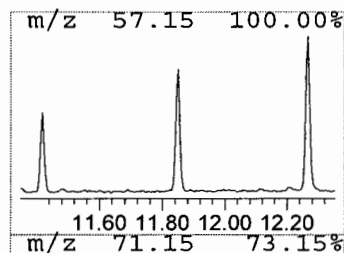
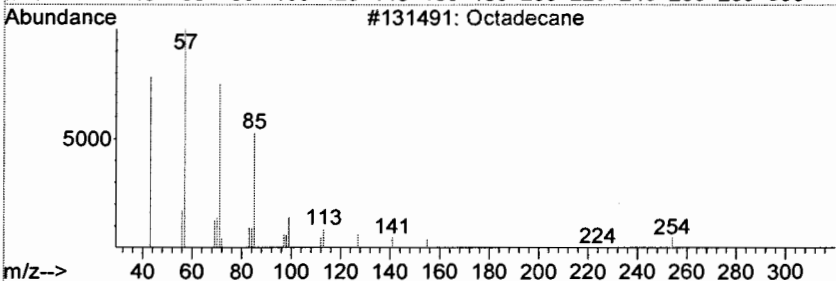
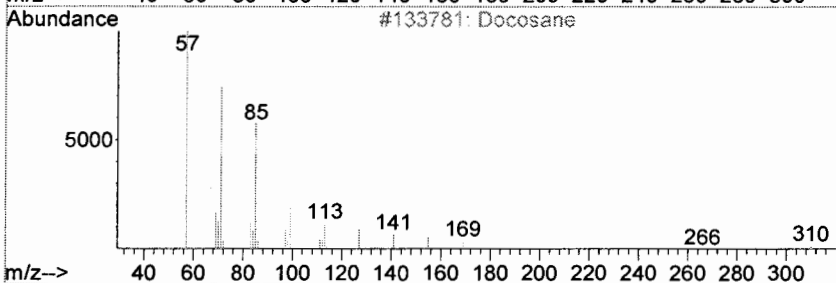
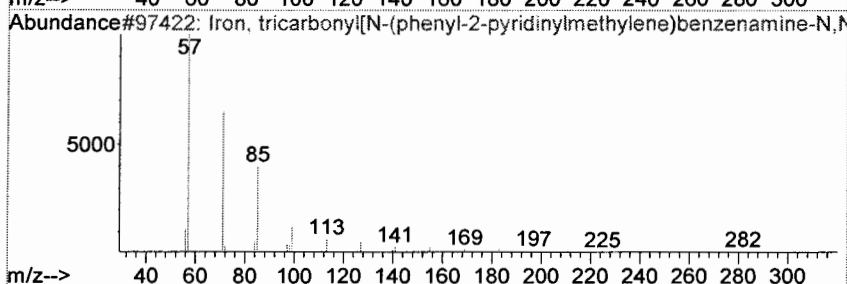
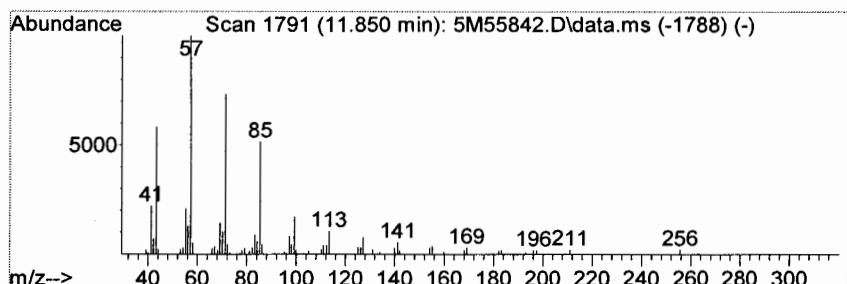
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 10 Iron, tricarbonyl[N-(phenyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.14 ng	48447	LibIS-Chrysene-d12	12.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Iron, tricarbonyl[N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	91
2			Docosane	310	C22H46	000629-97-0	91
3			Octadecane	254	C18H38	000593-45-3	91
4			triacontane	422	C30H62	000638-68-6	91
5			Octadecane	254	C18H38	000593-45-3	91



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
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 Sample : AC50034-003
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 ALS Vial : 10 Sample Multiplier: 1

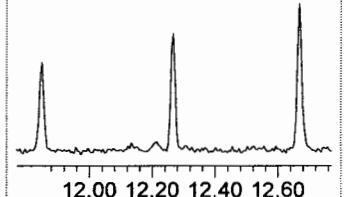
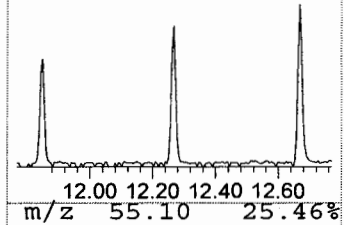
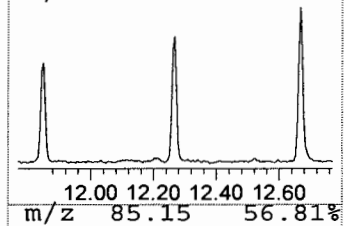
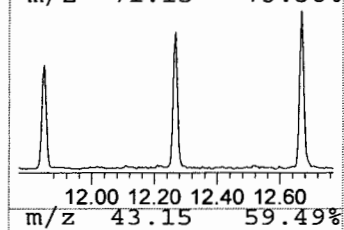
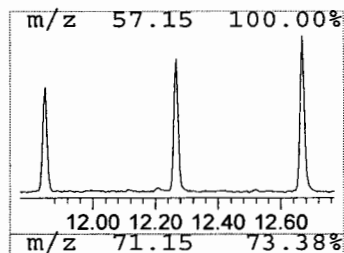
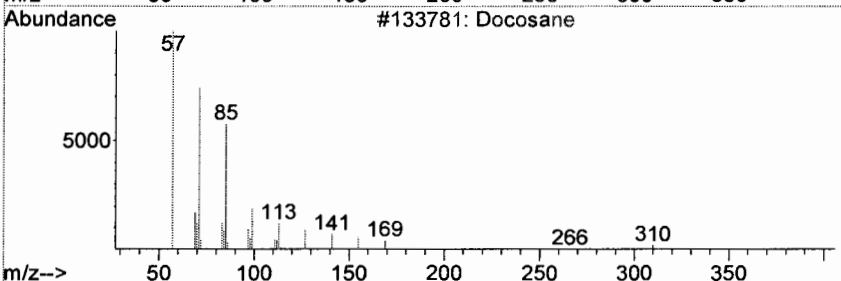
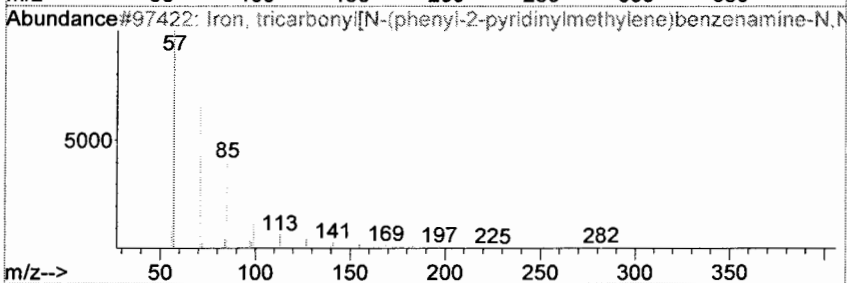
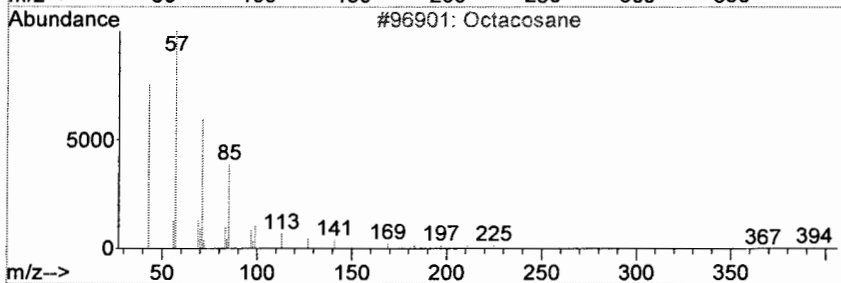
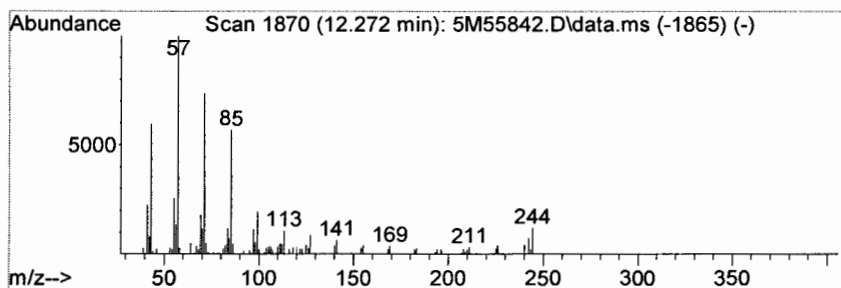
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	7.92 ng	74565	LibIS-Chrysene-d12	12.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Iron, tricarbonyl [N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	91
3			Docosane	310	C22H46	000629-97-0	91
4			Pentacosane	352	C25H52	000629-99-2	91
5			Tricosane	324	C23H48	000638-67-5	91



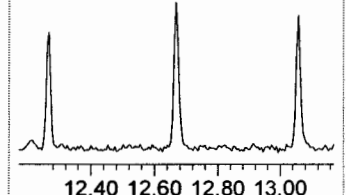
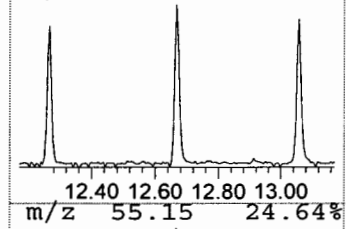
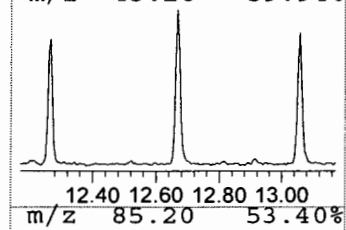
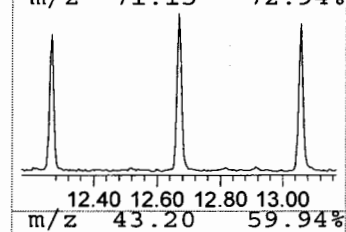
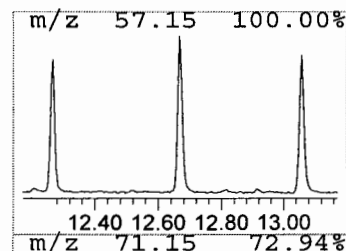
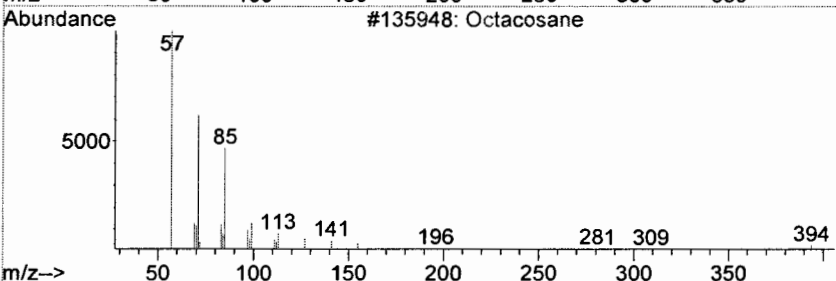
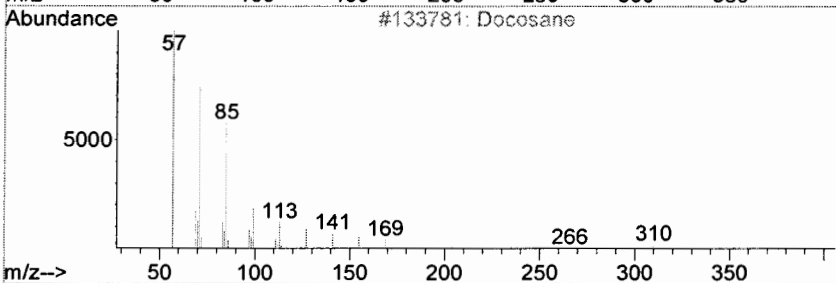
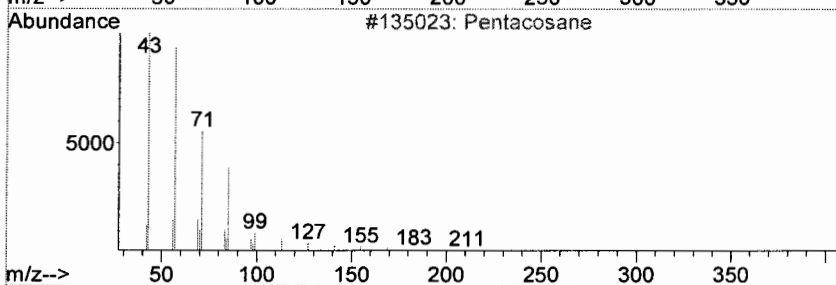
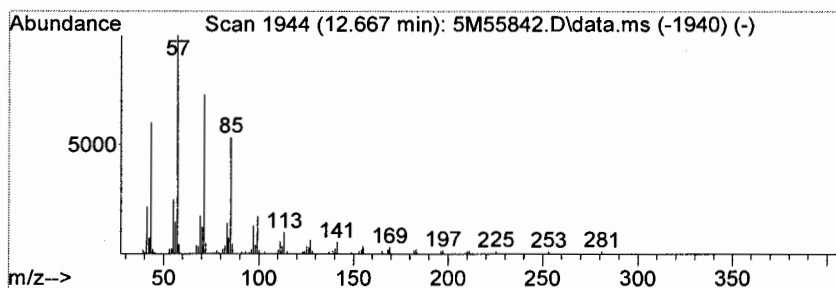
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Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 12 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.67	9.26 ng	87187	LibIS-Chrysene-d12	12.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
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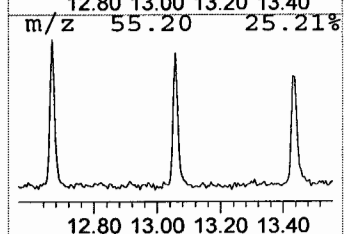
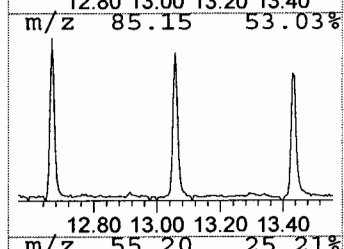
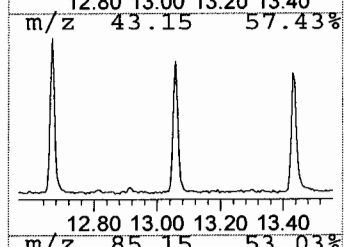
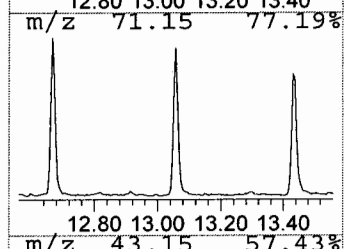
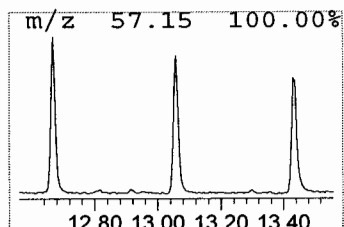
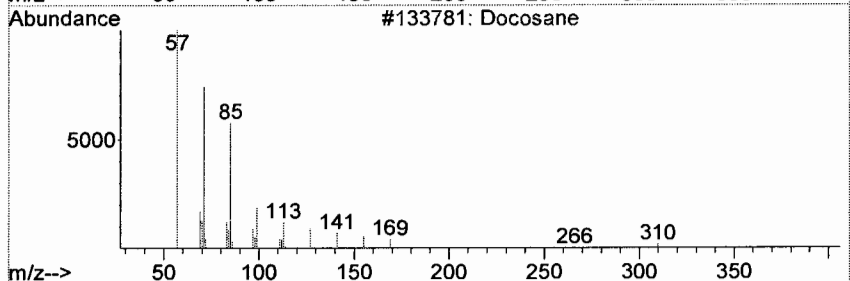
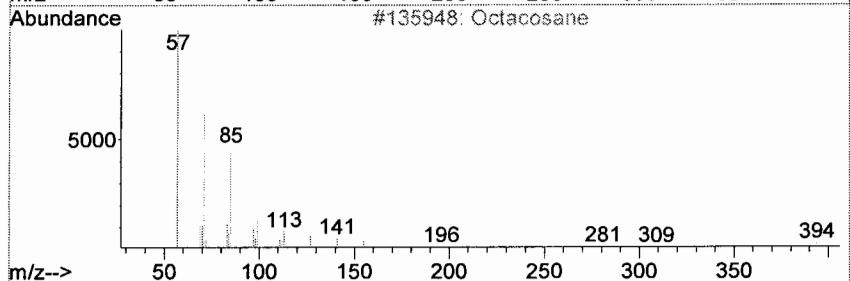
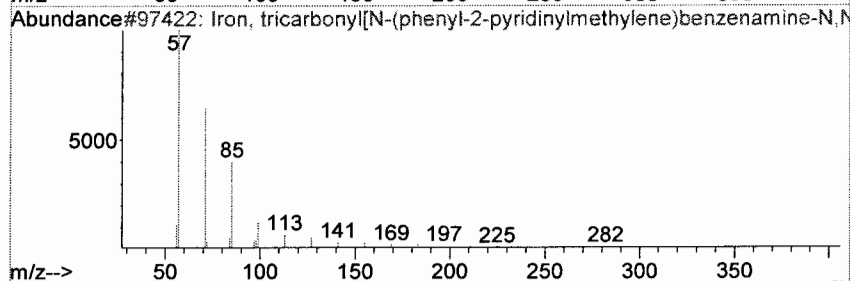
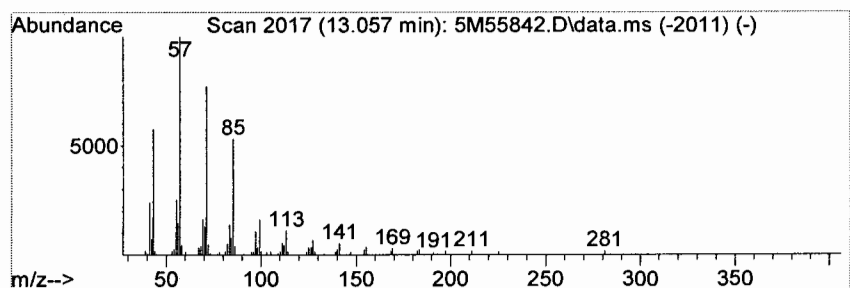
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 13 Iron, tricarbonyl[N-(phenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	8.86 ng	83464	LibIS-Chrysene-d12	12.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Iron, tricarbonyl[N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Docosane	310	C22H46	000629-97-0	91
4			Heptadecane	240	C17H36	000629-78-7	91
5			Nonacosane	408	C29H60	000630-03-5	91



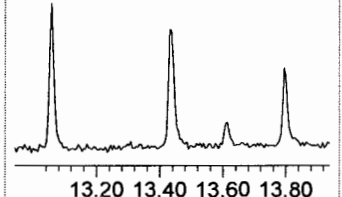
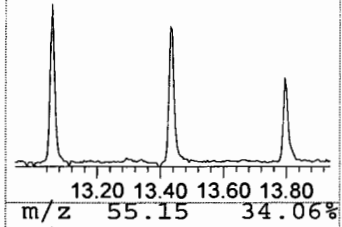
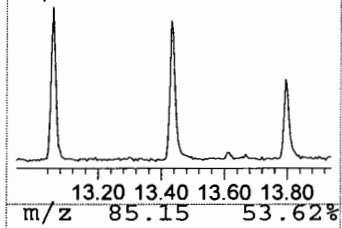
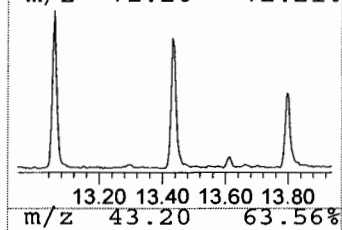
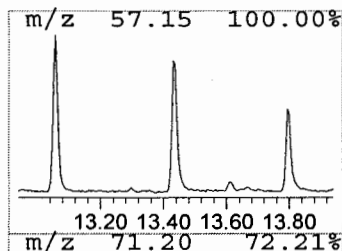
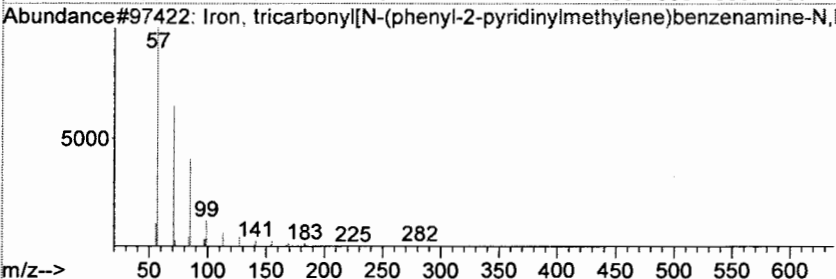
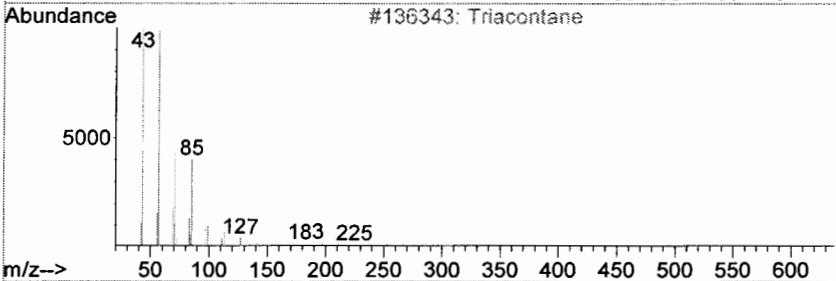
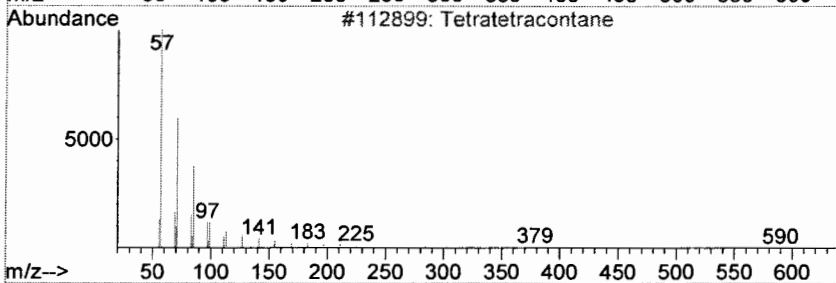
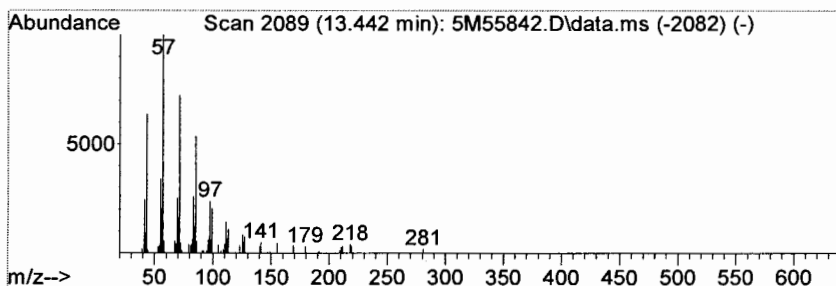
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Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 14 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.44	9.05 ng	85265	LibIS-Chrysene-d12	12.77	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Triaccontane	422	C30H62	000638-68-6	91
3	Iron, tricarbonyl[N-(phenyl-2-py...	398	C21H14FeN2O3	074764-11-7	91
4	Hexatriacontane	507	C36H74	000630-06-8	91
5	Octadecane	254	C18H38	000593-45-3	91



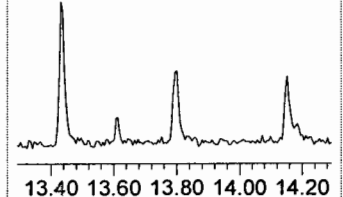
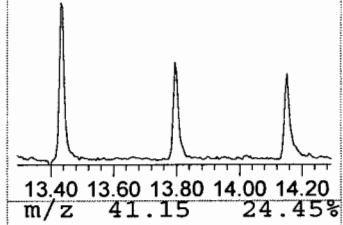
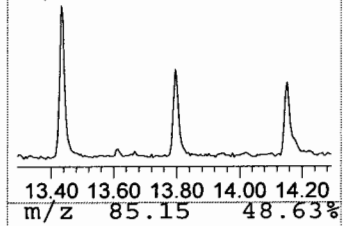
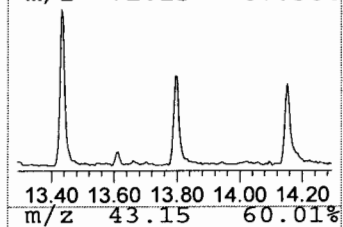
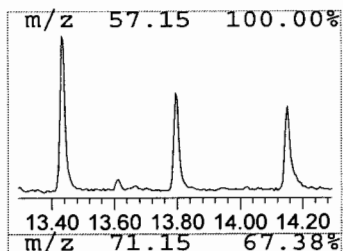
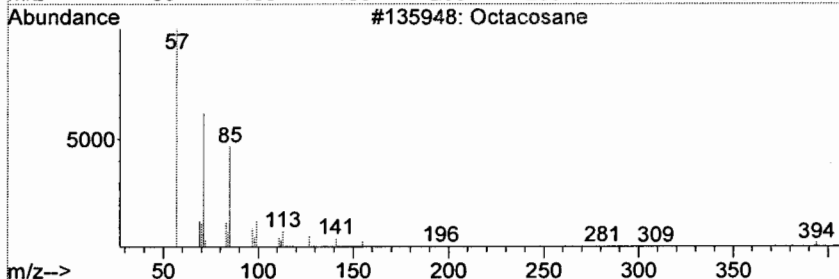
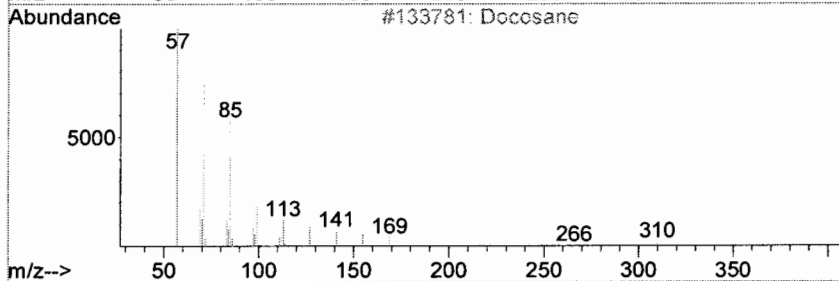
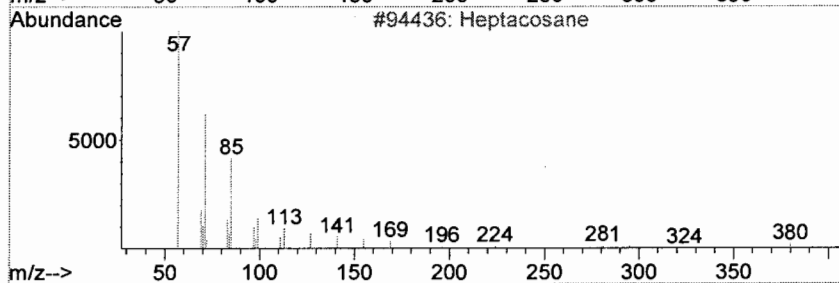
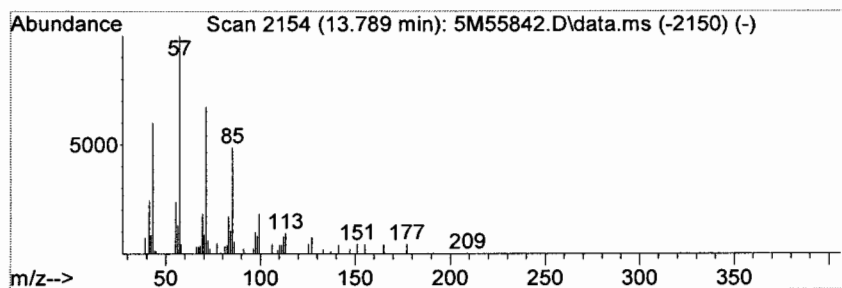
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Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 15 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	4.97 ng	49967	LibIS-Perylene-d12	14.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Tricosane	324	C23H48	000638-67-5	91
5	Heptadecane	240	C17H36	000629-78-7	91



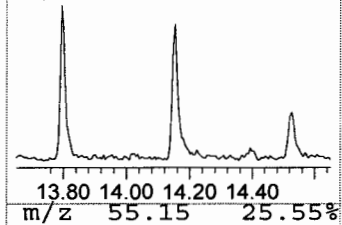
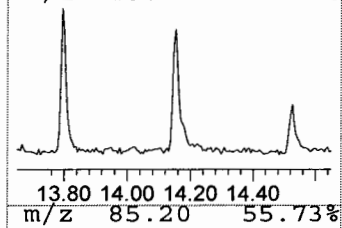
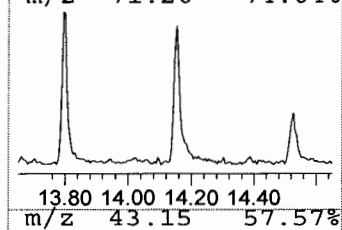
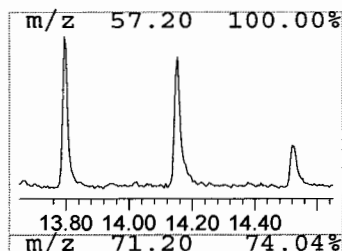
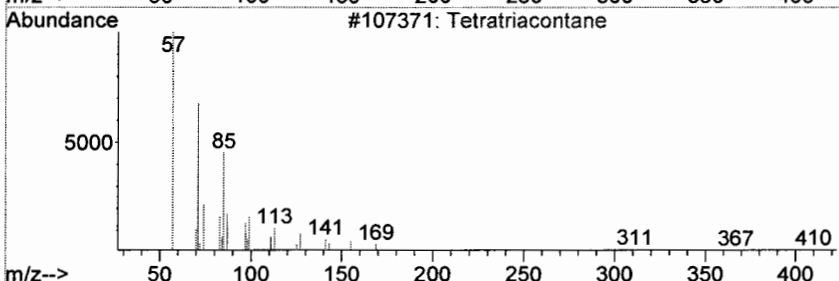
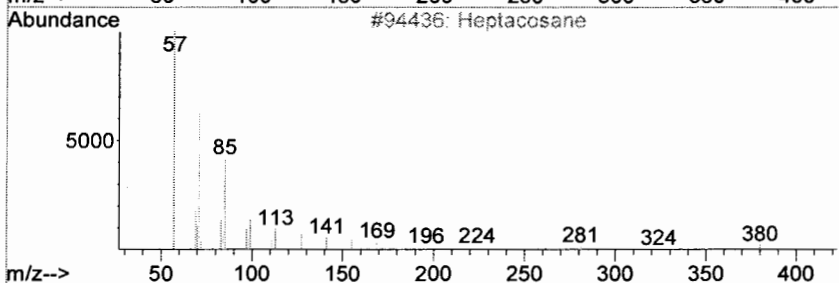
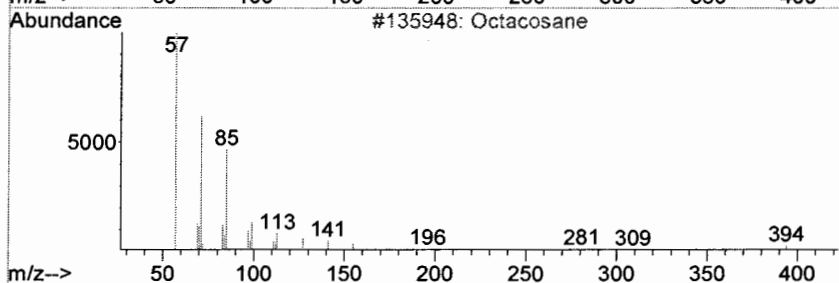
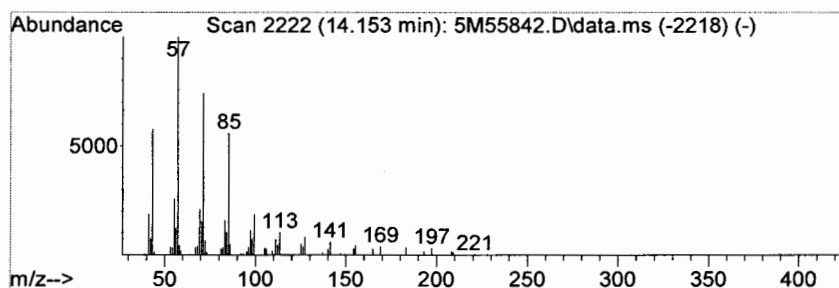
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Data File : 5M55842.D
Acq On : 2 Mar 2010 11:51
Operator : AHD
Sample : AC50034-003
Misc : S,BNA
ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 16 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.15	5.31 ng	53360	LibIS-Perylene-d12		14.40		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Docosane	310	C22H46	000629-97-0	91
5			Tricosane	324	C23H48	000638-67-5	91



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Data File : 5M55842.D
 Acq On : 2 Mar 2010 11:51
 Operator : AHD
 Sample : AC50034-003
 Misc : S,BNA
 ALS Vial : 10 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
 Quant Title : @GCMS_5,mg,625,8270

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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	3.73	15.6	ng	112781	1	5.80	5.80	288476	40.0
unknown	4.00	25.5	ng	183997	1	5.80	5.80	288476	40.0
2-Pentanone, 4-hy...	4.34	2002.1	ng	14439100	1	5.80	5.80	288476	40.0
Ethanol, 2-butoxy-	4.89	7.8	ng	56508	1	5.80	5.80	288476	40.0
unknown	5.00	7.9	ng	56861	1	5.80	5.80	288476	40.0
2-Propanol, 1-but...	5.21	7.8	ng	56256	1	5.80	5.80	288476	40.0
Benzene, 1,3,5-tr...	5.65	5.4	ng	38641	1	5.80	5.80	288476	40.0
unknown	6.77	6.4	ng	66951	2	6.81	6.81	418172	40.0
unknown	8.53	5.3	ng	63198	3	8.24	8.24	478097	40.0
Iron, tricarbonyl...	11.85	5.1	ng	48447	5	12.77	12.77	376703	40.0
Octacosane	12.27	7.9	ng	74565	5	12.77	12.77	376703	40.0
Pentacosane	12.67	9.3	ng	87187	5	12.77	12.77	376703	40.0
Iron, tricarbonyl...	13.06	8.9	ng	83464	5	12.77	12.77	376703	40.0
Tetratetracontane	13.44	9.1	ng	85265	5	12.77	12.77	376703	40.0
Heptacosane	13.79	5.0	ng	49967	6	14.40	14.40	401877	40.0
Octacosane	14.15	5.3	ng	53360	6	14.40	14.40	401877	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-004(2X)

Client Id: PI01-TP-RAQ1022210S01

Data File: 9M23511.D

Analysis Date: 03/02/10 13:37

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.43
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	0.22
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.81	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.50
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	0.17	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3,4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.80
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.81	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.81	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	0.28
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	U
83-32-9	Acenaphthene	0.16	U	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.19	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benidine	0.81	U	87-86-5	Pentachlorophenol	0.81	U
56-55-3	Benzo[a]anthracene	0.16	0.43	85-01-8	Phenanthrene	0.16	0.61
50-32-8	Benzo[a]pyrene	0.16	0.43	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.51	129-00-0	Pyrene	0.16	1.1

Worksheet #: 144328

Total Target Concentration 5.7

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-004(2X)	Matrix: Soil
Client Id: PI01-TP-RAQ1022210S	Initial Vol: 30g
Data File: 9M23511.D	Final Vol: 1ml
Analysis Date: 03/02/10 13:37	Dilution: 2
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 82
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.90	0.46 JAB
2		unknown	3.27	0.76 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.67	140 JAB
4	5989-27-5	Cyclohexene, 1-methyl-4-(1-methylethe	4.62	0.83 J
5	90-60-8	Benzaldehyde, 3,5-dichloro-2-hydroxy-	9.69	0.39 J
6		unknown	9.83	0.56 J
7		unknown	10.07	0.59 J
8		unknown	10.18	0.41 J
9	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.44	11 J
10	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.71	0.50 J
11		unknown	10.79	0.38 J
12	7396-38-5	Phenanthrene, 2,4,5,7-tetramethyl-	10.97	1.3 J
13	2381-21-7	Pyrene, 1-methyl-	11.13	0.87 J
14	3353-12-6	Pyrene, 4-methyl-	11.24	0.56 J
15		unknown	11.28	1.1 J
16		unknown	11.33	0.54 J
17	64401-21-4	Pyrene, 1,3-dimethyl-	11.87	0.40 J
18		unknown	12.17	0.52 J
19		unknown	14.06	0.47 J
20		unknown	14.19	0.60 J
21	74630-28-7	Phosphinous chloride, cyclohexyl(1,7,7-t	14.36	0.48 J
22		unknown	14.49	0.42 J
23		unknown	14.89	0.45 J
24		unknown	15.15	0.67 J
25		unknown	16.41	0.70 J

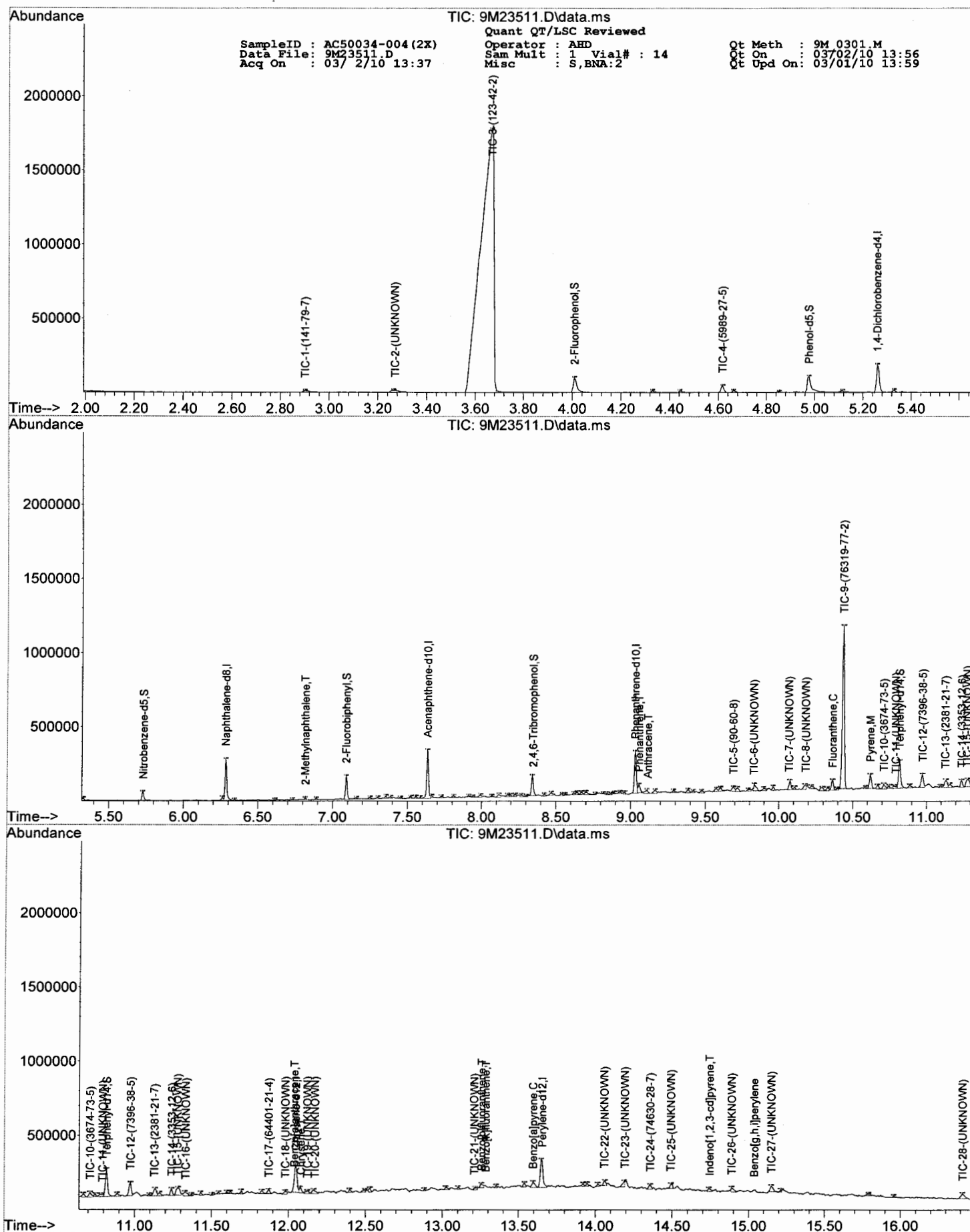
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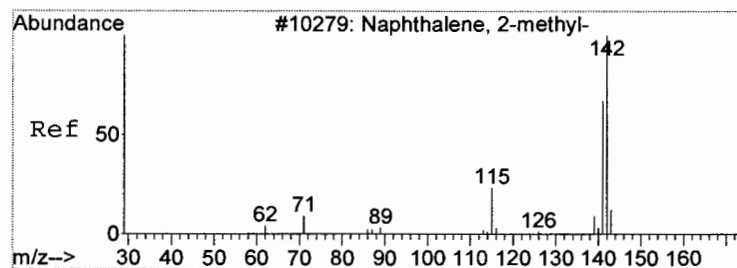
Total Tentatively Identified Concentration 160*A - Indicates an aldol condensate.**J - Indicates an estimated value.**B - Indicates the analyte was found in the blank as well as in the sample.*

SampleID : AC50034-004(2X) Operator : AHD Qt Meth : 9M 0301.M
 Data File: 9M23511.D Sam Mult : 1 Vial# : 14 Qt On : 03/02/10 13:56
 Acq On : 03/ 2/10 13:37 Misc : S,BNA:2 Qt Upd On: 03/01/10 13:59

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 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

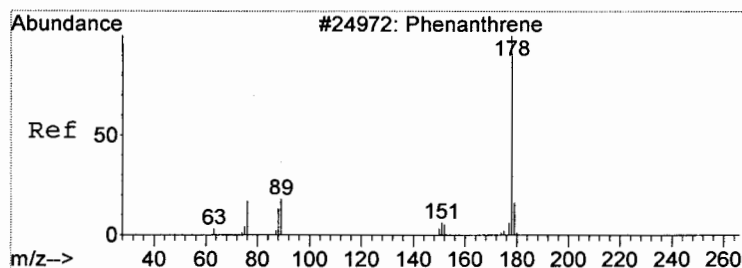
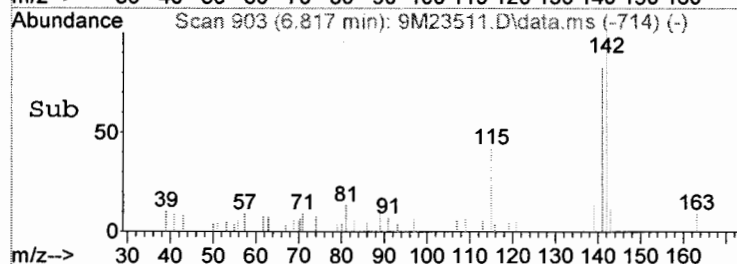
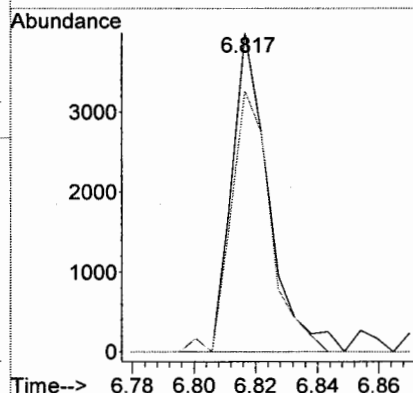
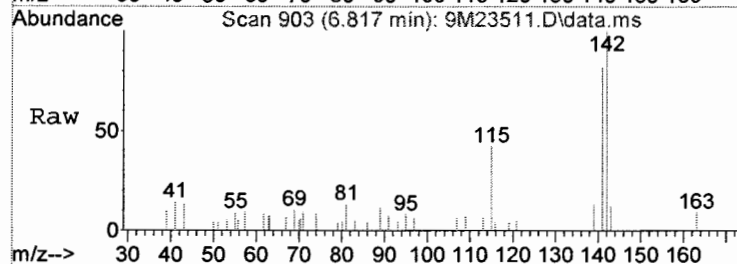
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.260	152	23945	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	93339	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	55546	40.00	ng	-0.01
73) Phenanthrene-d10	9.031	188	91038	40.00	ng	-0.01
87) Chrysene-d12	12.048	240	68155	40.00	ng	-0.01
102) Perylene-d12	13.652	264	65350	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.009	112	28568	44.37	ng	0.00
Spiked Amount 100.000			Recovery =	44.37%		
15) Phenol-d5	4.977	99	35370	42.13	ng	0.00
Spiked Amount 100.000			Recovery =	42.13%		
30) Nitrobenzene-d5	5.731	128	8226	21.03	ng	0.00
Spiked Amount 50.000			Recovery =	42.06%		
52) 2-Fluorobiphenyl	7.089	172	40665	21.40	ng	0.00
Spiked Amount 50.000			Recovery =	42.80%		
76) 2,4,6-Tribromophenol	8.346	330	8174	48.30	ng	-0.01
Spiked Amount 100.000			Recovery =	48.30%		
90) Terphenyl-d14	10.817	244	48671	24.89	ng	-0.01
Spiked Amount 50.000			Recovery =	49.78%		
Target Compounds						
44) 2-Methylnaphthalene	6.817	142	3318	2.05	ng	97
82) Phenanthrene	9.058	178	19887	7.50	ng	98
83) Anthracene	9.117	178	6262	2.30	ng	93
86) Fluoranthene	10.363	202	28276	9.79	ng	85
88) Pyrene	10.620	202	36756	13.40	ng	85
99) Benzo[a]anthracene	12.037	228	13144	5.31	ng	93
100) Chrysene	12.080	228	14538	6.14	ng	91
104) Benzo[b]fluoranthene	13.256	252	13728	6.30	ng	80
105) Benzo[k]fluoranthene	13.283	252	5441m	2.67	ng	
106) Benzo[a]pyrene	13.593	252	10740	5.28	ng	98
107) Indeno[1,2,3-cd]pyrene	14.743	276	6983	3.41	ng	84
109) Benzo[g,h,i]perylene	15.037	276	9531	5.34	ng	82
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.260		155603	40.00	ng	--
2) Naphthalene-d8	6.282		250286	40.00	ng	--
3) Acenaphthene-d10	7.635		307896	40.00	ng	--
4) Phenanthrene-d10	9.031		305114	40.00	ng	--
5) Chrysene-d12	12.048		245324	40.00	ng	--
6) Perylene-d12	13.647		236785	40.00	ng	--
Library Search Compounds						
1) 141-79-7	2.900		21911	5.63	ng	64
2) UNKNOWN	3.270		36254	9.32	ng	--
3) 123-42-2	3.670		6755924	1736.71	ng	56
4) 5989-27-5	4.620		39526	10.16	ng	91
5) 90-60-8	9.690		36601	4.80	ng	72
6) UNKNOWN	9.830		52731	6.91	ng	--
7) UNKNOWN	10.070		55554	7.28	ng	--
8) UNKNOWN	10.180		38243	5.01	ng	--
9) 76319-77-2	10.440		1073527	140.74	ng	90
10) 3674-73-5	10.710		37626	6.13	ng	62
11) UNKNOWN	10.790		29017	4.73	ng	--
12) 7396-38-5	10.970		94644	15.43	ng	86
13) 2381-21-7	11.130		65932	10.75	ng	91
14) 3353-12-6	11.240		42511	6.93	ng	90
15) UNKNOWN	11.280		83337	13.59	ng	--
16) UNKNOWN	11.330		40428	6.59	ng	--
17) 64401-21-4	11.870		30141	4.91	ng	52
18) UNKNOWN	11.980		27784	4.53	ng	--
19) UNKNOWN	12.120		27014	4.40	ng	--
20) UNKNOWN	12.170		39361	6.42	ng	--
21) UNKNOWN	13.210		24806	4.19	ng	--
22) UNKNOWN	14.060		33973	5.74	ng	--
23) UNKNOWN	14.190		43813	7.40	ng	--
24) 74630-28-7	14.360		35204	5.95	ng	64
25) UNKNOWN	14.490		30234	5.11	ng	--
26) UNKNOWN	14.890		32842	5.55	ng	--
27) UNKNOWN	15.150		48907	8.26	ng	--
28) UNKNOWN	16.410		50854	8.59	ng	--





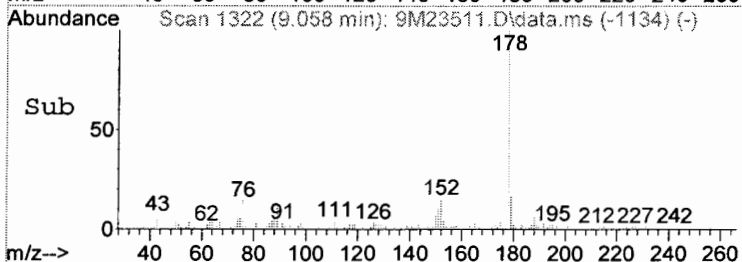
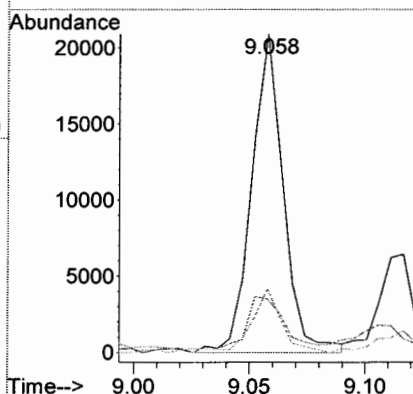
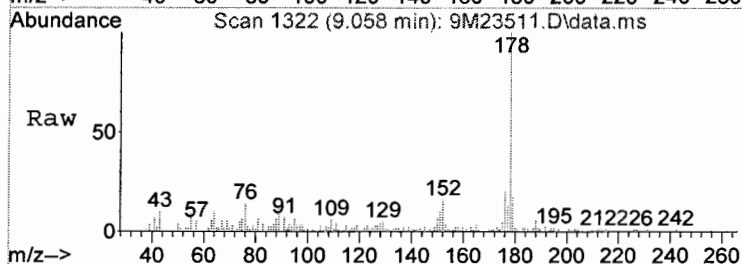
#44
2-Methylnaphthalene
Concen: 2.05 ng
RT: 6.817 min Scan# 903
Delta R.T. -0.005 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

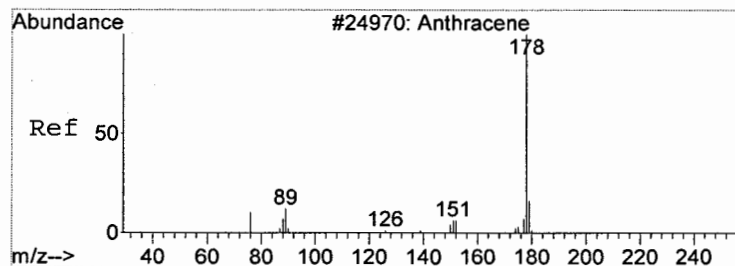
Tgt Ion:142 Resp: 3318
Ion Ratio Lower Upper
142 100
141 81.9 44.6 124.6



#82
Phenanthrene
Concen: 7.50 ng
RT: 9.058 min Scan# 1322
Delta R.T. -0.011 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

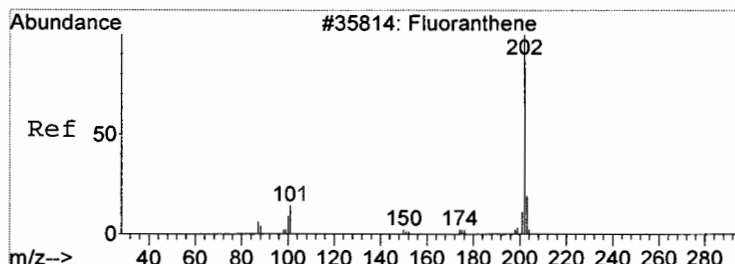
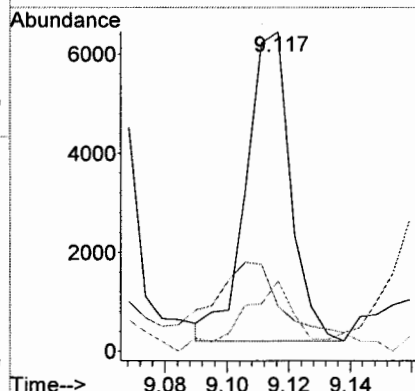
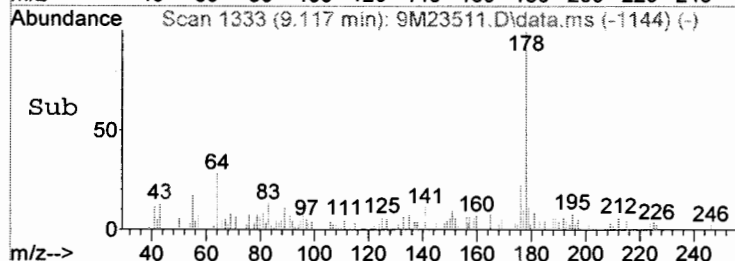
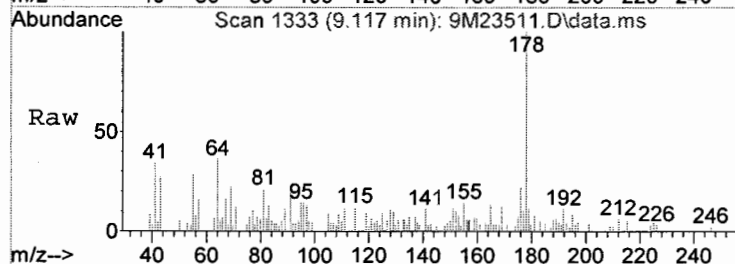
Tgt Ion:178 Resp: 19887
Ion Ratio Lower Upper
178 100
179 16.8 0.0 55.5
176 18.6 0.0 59.3





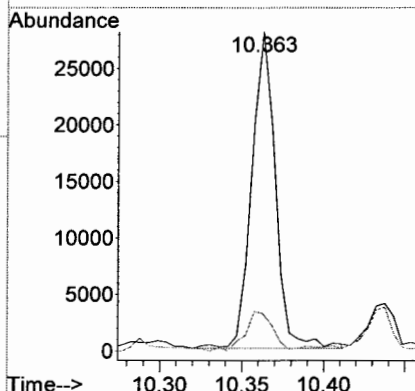
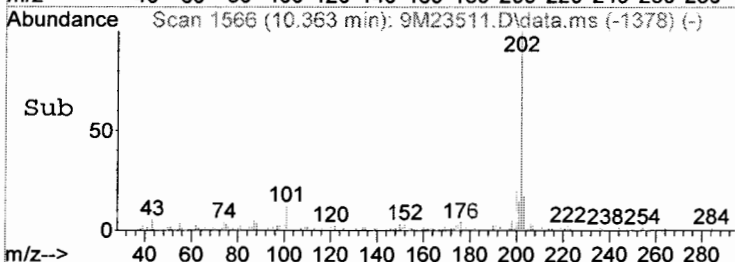
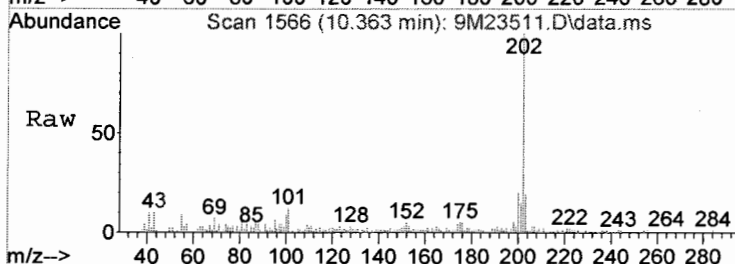
#83
 Anthracene
 Concen: 2.30 ng
 RT: 9.117 min Scan# 1333
 Delta R.T. -0.005 min
 Lab File: 9M23511.D
 Acq: 2 Mar 2010 13:37

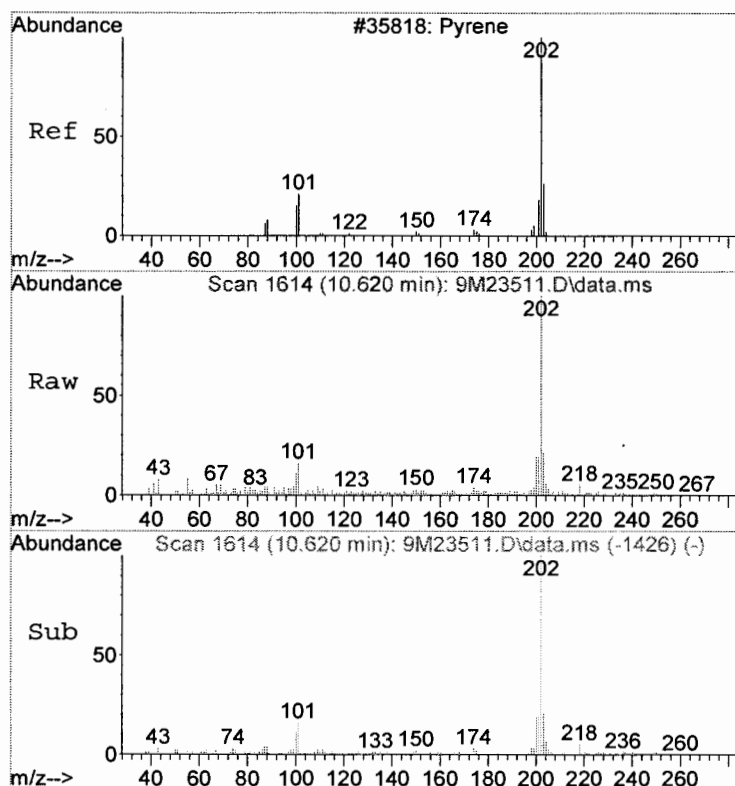
Tgt Ion:178 Resp: 6262
 Ion Ratio Lower Upper
 178 100
 179 9.0 0.0 55.2
 176 17.8 0.0 58.1



#86
 Fluoranthene
 Concen: 9.79 ng
 RT: 10.363 min Scan# 1566
 Delta R.T. -0.011 min
 Lab File: 9M23511.D
 Acq: 2 Mar 2010 13:37

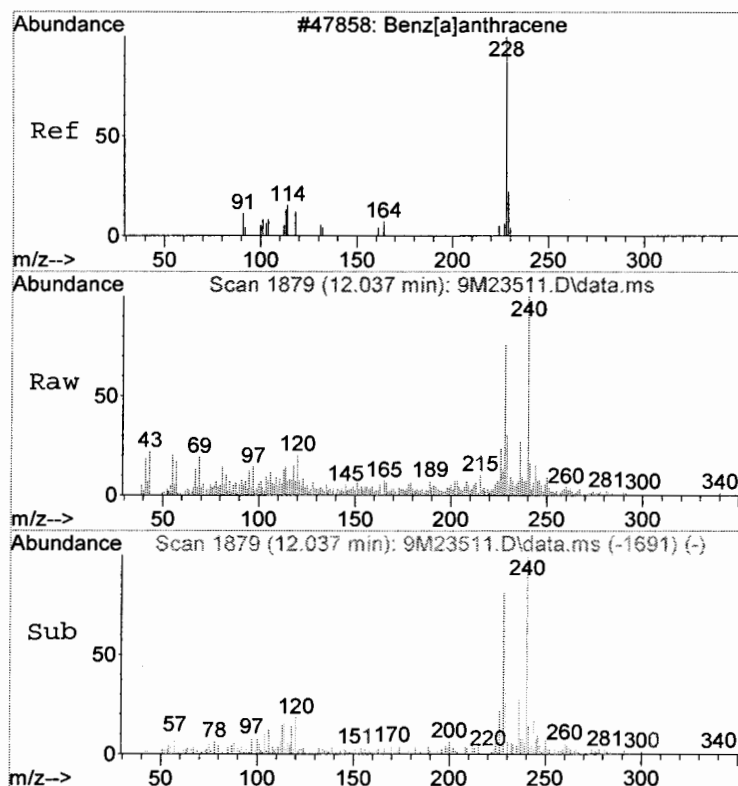
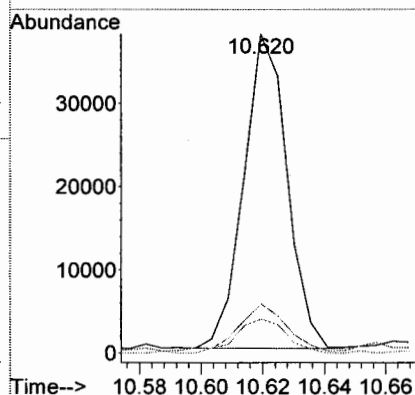
Tgt Ion:202 Resp: 28276
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 57.6





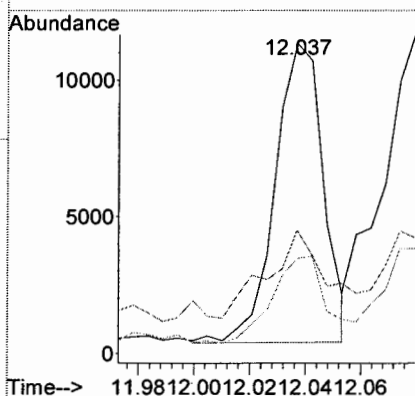
#88
Pyrene
Concen: 13.40 ng
RT: 10.620 min Scan# 1614
Delta R.T. -0.011 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

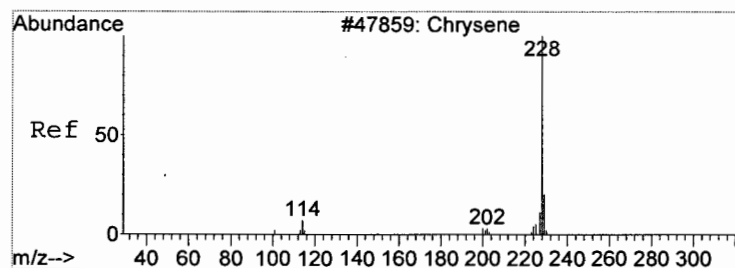
Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	62.2
100	10.8	0.0	57.8



#99
Benzo[a]anthracene
Concen: 5.31 ng
RT: 12.037 min Scan# 1879
Delta R.T. -0.011 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

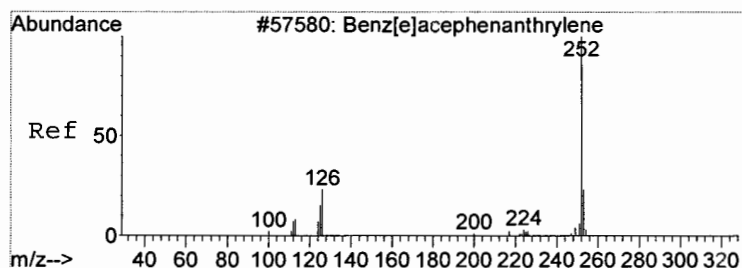
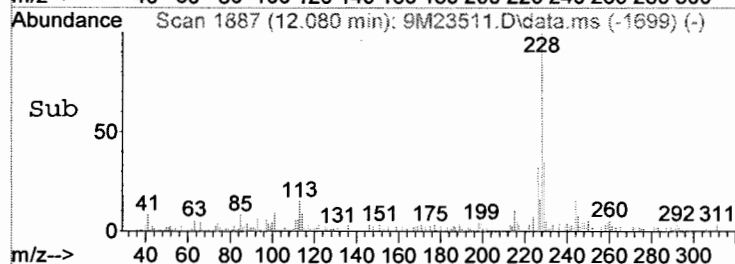
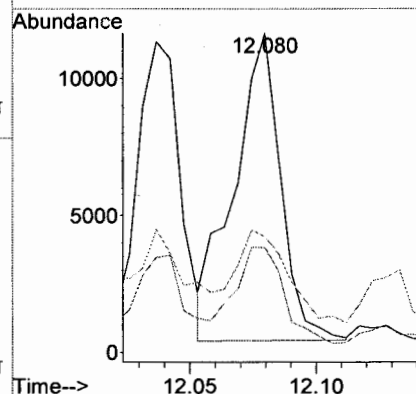
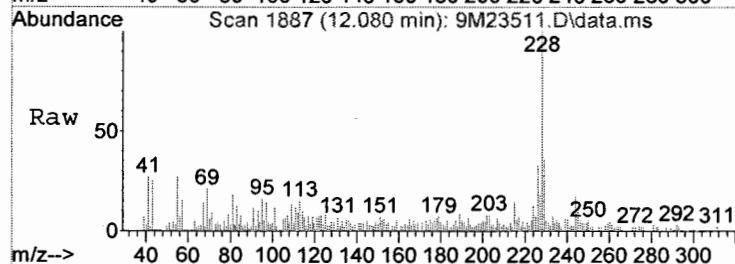
Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	0.0	59.5
226	28.3	0.0	66.0





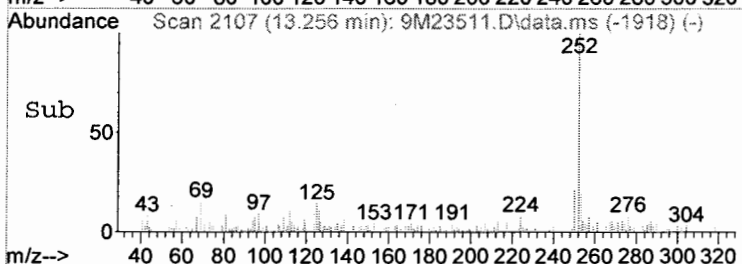
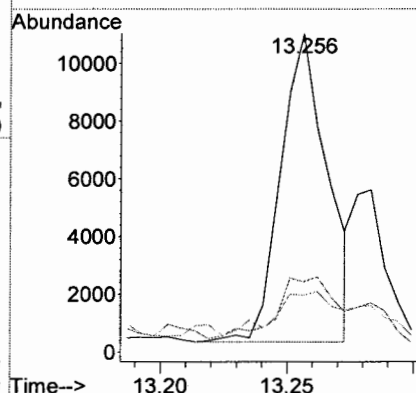
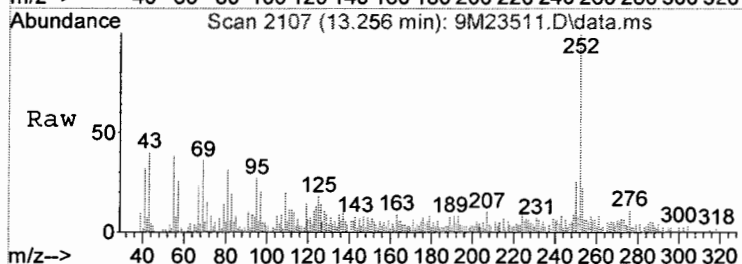
#100
Chrysene
Concen: 6.14 ng
RT: 12.080 min Scan# 1887
Delta R.T. -0.011 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

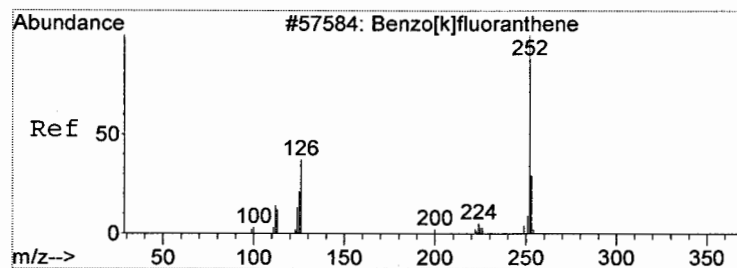
Tgt Ion: 228 Resp: 14538
Ion Ratio Lower Upper
228 100
226 31.2 9.5 49.5
229 28.4 0.0 60.2



#104
Benzo[b]fluoranthene
Concen: 6.30 ng
RT: 13.256 min Scan# 2107
Delta R.T. -0.005 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

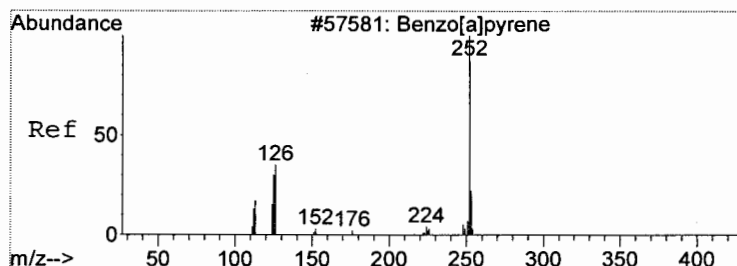
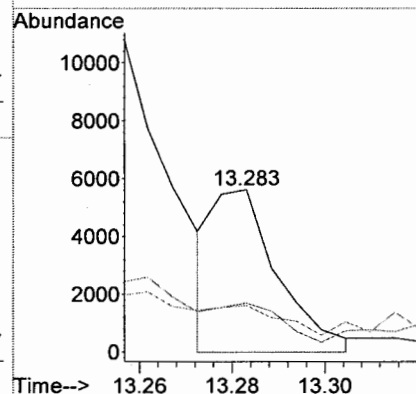
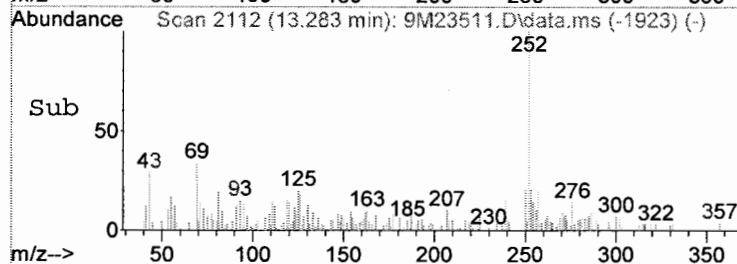
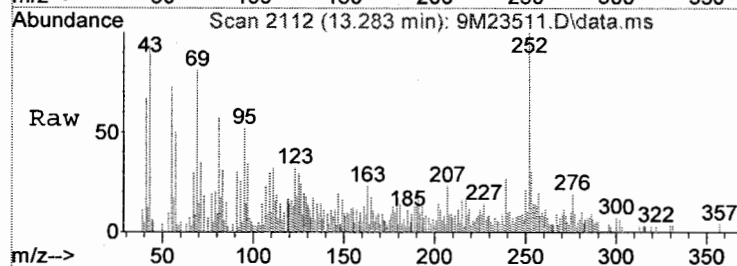
Tgt Ion: 252 Resp: 13728
Ion Ratio Lower Upper
252 100
253 15.8 0.0 62.3
125 5.7 0.0 58.4





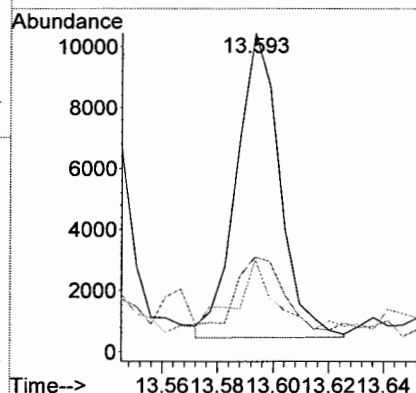
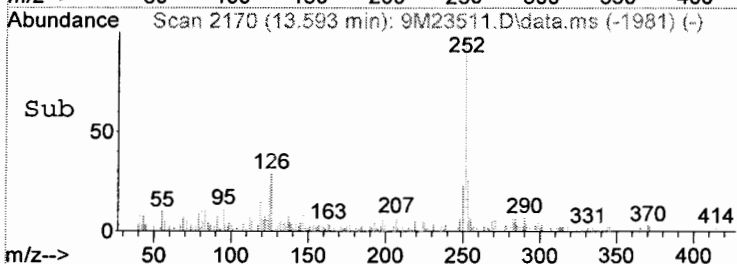
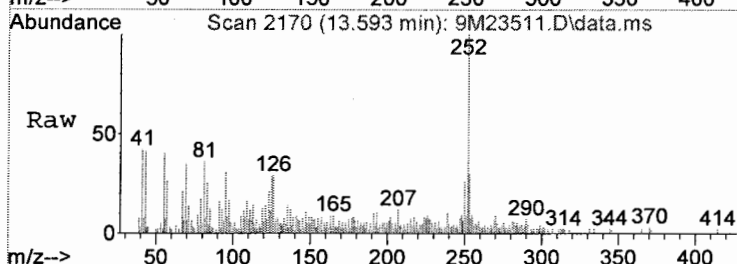
#105
Benzo[k]fluoranthene
Concen: 2.67 ng m
RT: 13.283 min Scan# 2112
Delta R.T. -0.005 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

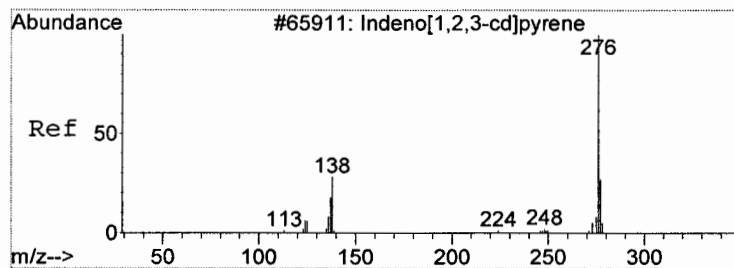
Tgt Ion:252 Resp: 5441
Ion Ratio Lower Upper
252 100
253 30.2 0.0 62.2
125 28.6 0.0 58.9



#106
Benzo[a]pyrene
Concen: 5.28 ng
RT: 13.593 min Scan# 2170
Delta R.T. -0.005 min
Lab File: 9M23511.D
Acq: 2 Mar 2010 13:37

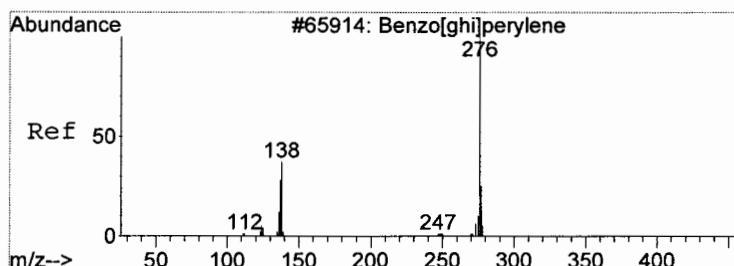
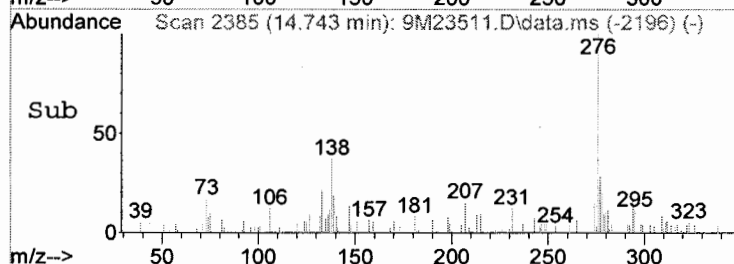
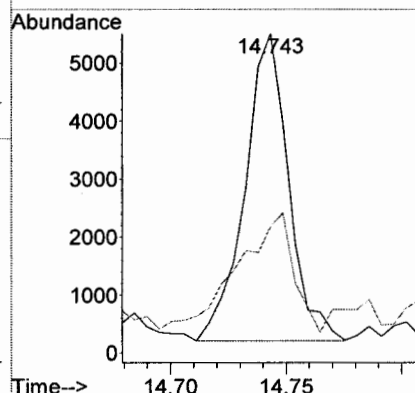
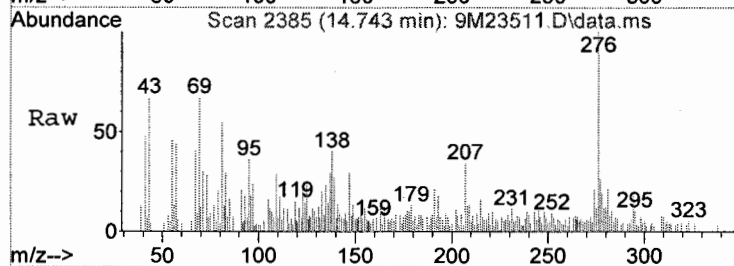
Tgt Ion:252 Resp: 10740
Ion Ratio Lower Upper
252 100
253 22.3 0.0 62.4
125 22.4 0.0 60.9





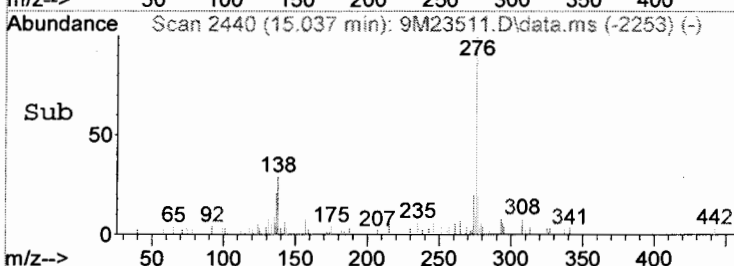
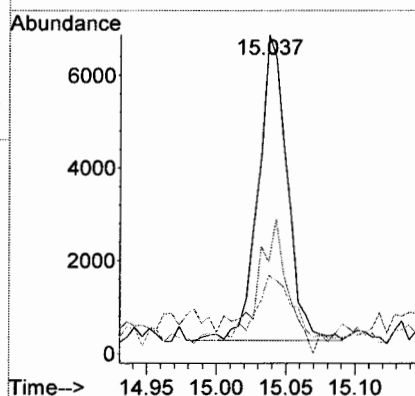
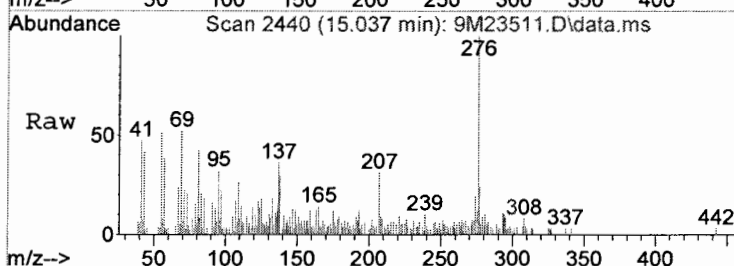
#107
 Indeno[1,2,3-cd]pyrene
 Concen: 3.41 ng
 RT: 14.743 min Scan# 2385
 Delta R.T. -0.005 min
 Lab File: 9M23511.D
 Acq: 2 Mar 2010 13:37

Tgt Ion: 276 Resp: 6983
 Ion Ratio Lower Upper
 276 100
 138 29.3 0.0 78.9



#109
 Benzo[g,h,i]perylene
 Concen: 5.34 ng
 RT: 15.037 min Scan# 2440
 Delta R.T. -0.011 min
 Lab File: 9M23511.D
 Acq: 2 Mar 2010 13:37

Tgt Ion: 276 Resp: 9531
 Ion Ratio Lower Upper
 276 100
 138 50.7 0.0 140.0
 277 29.4 0.0 120.0



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23511.D
 Acq On : 2 Mar 2010 13:37
 Operator : AHD
 Sample : AC50034-004(2X)
 Misc : S,BNA:2
 ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23511.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.901	168	171	182	rBV3	10675	21911	0.32%	0.172%
2	3.265	235	239	254	rBV3	12945	36254	0.54%	0.284%
3	3.672	293	315	318	rBV	1775735	6755924	100.00%	52.909%
4	4.009	375	378	388	rBV	98422	99719	1.48%	0.781%
5	4.330	433	438	446	rBV2	11206	12774	0.19%	0.100%
6	4.442	456	459	467	rBV	10402	11947	0.18%	0.094%
7	4.618	487	492	496	rVB	43685	39526	0.59%	0.310%
8	4.661	496	500	505	rBV2	11568	11814	0.17%	0.093%
9	4.854	532	536	538	rBV	6764	6227	0.09%	0.049%
10	4.977	556	559	568	rBV	104283	121002	1.79%	0.948%
11	5.116	580	585	587	rBV4	9027	10057	0.15%	0.079%
12	5.260	609	612	619	rBV	184341	152853	2.26%	1.197%
13	5.330	623	625	629	rVB2	13337	9311	0.14%	0.073%
14	5.726	696	699	706	rBV	58066	53572	0.79%	0.420%
15	6.260	795	799	801	rBV	22467	18142	0.27%	0.142%
16	6.282	801	803	812	rVV	278266	225808	3.34%	1.768%
17	6.341	812	814	820	rVB3	4810	4812	0.07%	0.038%
18	6.613	861	865	866	rBV3	5856	5484	0.08%	0.043%
19	6.731	883	887	889	rBV4	6217	5892	0.09%	0.046%
20	6.817	900	903	906	rVB2	10025	6891	0.10%	0.054%
21	6.892	914	917	920	rBV2	9955	9487	0.14%	0.074%
22	7.089	951	954	959	rBV	155505	128912	1.91%	1.010%
23	7.159	962	967	969	rBV5	8249	10392	0.15%	0.081%
24	7.250	981	984	988	rVB4	10486	10173	0.15%	0.080%
25	7.303	990	994	996	rBV4	10192	10830	0.16%	0.085%
26	7.357	1001	1004	1006	rVB3	15247	10698	0.16%	0.084%
27	7.389	1006	1010	1012	rBV4	9056	10817	0.16%	0.085%
28	7.453	1020	1022	1026	rVB5	6491	7689	0.11%	0.060%
29	7.523	1032	1035	1037	rVB4	10962	9387	0.14%	0.074%
30	7.555	1039	1041	1045	rVB5	12328	9886	0.15%	0.077%
31	7.587	1045	1047	1049	rVB2	8845	5366	0.08%	0.042%
32	7.635	1049	1056	1060	rBV	324543	280345	4.15%	2.196%
33	7.662	1060	1061	1064	rVB2	12038	9397	0.14%	0.074%
34	7.726	1071	1073	1077	rBV3	10622	12609	0.19%	0.099%
35	7.811	1084	1089	1092	rBV7	12581	15527	0.23%	0.122%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23511.D
 Acq On : 2 Mar 2010 13:37
 Operator : AHD
 Sample : AC50034-004(2X)
 Misc : S,BNA:2
 ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	7.913	1105	1108	1111	rBV5	9088	8642	0.13%	0.068%
37	7.940	1111	1113	1118	rVB6	7449	10125	0.15%	0.079%
38	7.993	1118	1123	1125	rBV5	16364	21241	0.31%	0.166%
39	8.068	1135	1137	1140	rBV4	8262	5693	0.08%	0.045%
40	8.116	1142	1146	1149	rBV5	20051	27094	0.40%	0.212%
41	8.175	1154	1157	1159	rBV4	11855	12815	0.19%	0.100%
42	8.197	1159	1161	1164	rVB4	11237	8717	0.13%	0.068%
43	8.229	1164	1167	1169	rBV3	14270	17298	0.26%	0.135%
44	8.271	1172	1175	1178	rVB5	10370	12802	0.19%	0.100%
45	8.304	1178	1181	1183	rBV4	5114	6119	0.09%	0.048%
46	8.341	1185	1188	1193	rBV2	134149	125036	1.85%	0.979%
47	8.421	1200	1203	1206	rBV4	12400	12945	0.19%	0.101%
48	8.469	1208	1212	1214	rBV5	17143	18639	0.28%	0.146%
49	8.544	1221	1226	1227	rBV4	13269	18634	0.28%	0.146%
50	8.560	1227	1229	1231	rBV2	9635	7512	0.11%	0.059%
51	8.619	1237	1240	1242	rBV3	13523	13832	0.20%	0.108%
52	8.641	1242	1244	1247	rVV2	17106	15624	0.23%	0.122%
53	8.673	1247	1250	1253	rVV4	15432	17359	0.26%	0.136%
54	8.699	1253	1255	1264	rVB8	19609	29982	0.44%	0.235%
55	8.764	1264	1267	1268	rBV3	8733	8064	0.12%	0.063%
56	8.817	1275	1277	1279	rVB3	6858	6019	0.09%	0.047%
57	8.844	1279	1282	1284	rVB4	8726	8675	0.13%	0.068%
58	8.870	1284	1287	1288	rBV3	6118	6626	0.10%	0.052%
59	8.892	1288	1291	1292	rBV3	9034	6573	0.10%	0.051%
60	8.929	1294	1298	1301	rBV6	10413	12854	0.19%	0.101%
61	8.961	1302	1304	1307	rVB4	13674	10642	0.16%	0.083%
62	9.031	1313	1317	1320	rBV	279473	260398	3.85%	2.039%
63	9.058	1320	1322	1327	rVV2	54649	54205	0.80%	0.425%
64	9.111	1327	1332	1337	rVB4	22888	32231	0.48%	0.252%
65	9.165	1337	1342	1345	rBV5	21814	30416	0.45%	0.238%
66	9.288	1363	1365	1371	rVB7	12317	12552	0.19%	0.098%
67	9.384	1379	1383	1386	rBV6	19807	22812	0.34%	0.179%
68	9.421	1386	1390	1392	rBV5	11060	14210	0.21%	0.111%
69	9.475	1397	1400	1404	rBV5	14828	22416	0.33%	0.176%
70	9.577	1414	1419	1421	rBV5	20804	29160	0.43%	0.228%
71	9.603	1421	1424	1428	rVB4	23000	26734	0.40%	0.209%
72	9.689	1436	1440	1443	rBV5	26564	36601	0.54%	0.287%
73	9.716	1443	1445	1449	rVB5	26036	29515	0.44%	0.231%
74	9.790	1456	1459	1463	rBV6	12214	20547	0.30%	0.161%
75	9.833	1465	1467	1472	rVB5	43889	52731	0.78%	0.413%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23511.D
 Acq On : 2 Mar 2010 13:37
 Operator : AHD
 Sample : AC50034-004(2X)
 Misc : S,BNA:2
 ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	9.897	1475	1479	1483	rBV7	19074	29913	0.44%	0.234%
77	9.962	1488	1491	1494	rVB5	26073	22891	0.34%	0.179%
78	10.074	1509	1512	1515	rBV3	60425	55554	0.82%	0.435%
79	10.106	1516	1518	1520	rVB3	15591	10661	0.16%	0.083%
80	10.176	1527	1531	1533	rBV4	27979	38243	0.57%	0.300%
81	10.218	1537	1539	1544	rVB6	17940	25508	0.38%	0.200%
82	10.293	1549	1553	1556	rVB6	19797	29533	0.44%	0.231%
83	10.325	1556	1559	1562	rBV5	16847	22971	0.34%	0.180%
84	10.363	1563	1566	1569	rVB	66681	63681	0.94%	0.499%
85	10.395	1569	1572	1574	rBV3	12387	15456	0.23%	0.121%
86	10.438	1574	1580	1583	rVV	1095628	1073527	15.89%	8.407%
87	10.587	1605	1608	1610	rVB4	10660	10300	0.15%	0.081%
88	10.620	1610	1614	1619	rBV	93212	92535	1.37%	0.725%
89	10.668	1621	1623	1628	rVB5	23097	23616	0.35%	0.185%
90	10.710	1628	1631	1635	rBV3	30707	37626	0.56%	0.295%
91	10.748	1635	1638	1640	rVB4	14788	12155	0.18%	0.095%
92	10.785	1641	1645	1648	rVV6	15269	29017	0.43%	0.227%
93	10.817	1648	1651	1658	rVB	182046	185265	2.74%	1.451%
94	10.887	1660	1664	1668	rBV7	18895	25649	0.38%	0.201%
95	10.973	1675	1680	1683	rBV2	86027	94644	1.40%	0.741%
96	11.096	1701	1703	1705	rBV2	11566	10121	0.15%	0.079%
97	11.133	1706	1710	1713	rVV2	48599	65932	0.98%	0.516%
98	11.160	1713	1715	1720	rVB6	19776	23070	0.34%	0.181%
99	11.240	1727	1730	1734	rBV3	44111	42511	0.63%	0.333%
100	11.283	1734	1738	1742	rBV5	47970	83337	1.23%	0.653%
101	11.326	1744	1746	1753	rVB7	25274	40428	0.60%	0.317%
102	11.368	1753	1754	1756	rBV2	11280	7113	0.11%	0.056%
103	11.427	1764	1765	1769	rVB4	20105	16015	0.24%	0.125%
104	11.502	1778	1779	1781	rBV2	10363	6877	0.10%	0.054%
105	11.545	1785	1787	1790	rBV4	10920	8536	0.13%	0.067%
106	11.598	1795	1797	1799	rBV2	14296	10091	0.15%	0.079%
107	11.620	1799	1801	1804	rVB4	14622	12338	0.18%	0.097%
108	11.695	1813	1815	1817	rVB2	22281	14108	0.21%	0.110%
109	11.828	1837	1840	1845	rBV7	20912	23885	0.35%	0.187%
110	11.871	1845	1848	1852	rVB5	25893	30141	0.45%	0.236%
111	11.978	1865	1868	1871	rBV5	20064	27784	0.41%	0.218%
112	12.048	1876	1881	1885	rBV	192056	235345	3.48%	1.843%
113	12.074	1885	1886	1891	rVB	36130	34350	0.51%	0.269%
114	12.122	1891	1895	1899	rVB6	17663	27014	0.40%	0.212%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23511.D
 Acq On : 2 Mar 2010 13:37
 Operator : AHD
 Sample : AC50034-004 (2X)
 Misc : S,BNA:2
 ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

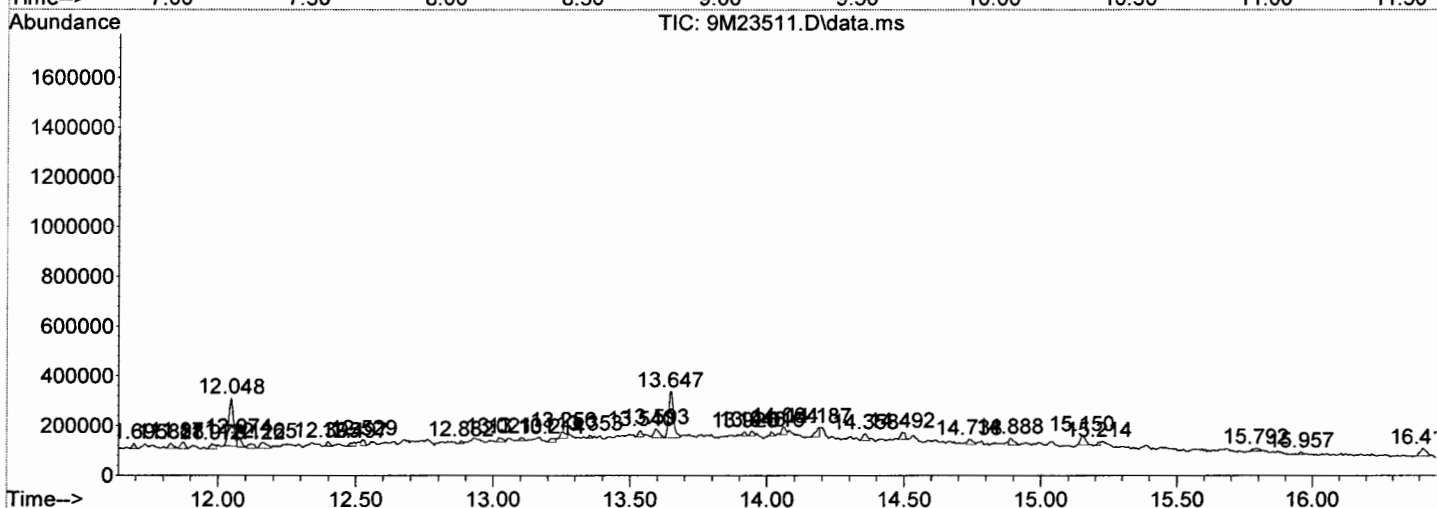
Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M

Title : @GCMS_9,mg,625,8270

115	12.165	1899	1903	1908	rBV6	23585	39361	0.58%	0.308%
116	12.395	1945	1946	1950	rVB4	17633	15588	0.23%	0.122%
117	12.497	1960	1965	1966	rBV4	14848	21256	0.31%	0.166%
118	12.529	1969	1971	1973	rVB3	25607	20432	0.30%	0.160%
119	12.882	2036	2037	2039	rBV2	11670	7724	0.11%	0.060%
120	13.021	2061	2063	2068	rBV6	18224	23923	0.35%	0.187%
121	13.101	2076	2078	2082	rVB5	12734	11591	0.17%	0.091%
122	13.214	2096	2099	2102	rBV5	16096	24806	0.37%	0.194%
123	13.256	2104	2107	2110	rBV3	26089	35944	0.53%	0.281%
124	13.353	2123	2125	2127	rBV3	13534	10083	0.15%	0.079%
125	13.540	2157	2160	2162	rBV	26240	24513	0.36%	0.192%
126	13.593	2167	2170	2176	rVB2	37693	50096	0.74%	0.392%
127	13.647	2176	2180	2187	rBV	186439	236785	3.50%	1.854%
128	13.920	2229	2231	2233	rVB3	17736	12918	0.19%	0.101%
129	13.946	2233	2236	2238	rBV4	20306	17804	0.26%	0.139%
130	14.016	2247	2249	2252	rVB4	16954	11337	0.17%	0.089%
131	14.064	2255	2258	2260	rBV3	30280	33973	0.50%	0.266%
132	14.187	2276	2281	2282	rBV5	37457	43813	0.65%	0.343%
133	14.358	2309	2313	2316	rBV6	28222	35204	0.52%	0.276%
134	14.492	2336	2338	2342	rVB5	28196	30234	0.45%	0.237%
135	14.738	2382	2384	2389	rVB5	19889	26456	0.39%	0.207%
136	14.888	2411	2412	2419	rVB7	27790	32842	0.49%	0.257%
137	15.150	2458	2461	2466	rBV7	37691	48907	0.72%	0.383%
138	15.214	2471	2473	2474	rBV2	15787	11331	0.17%	0.089%
139	15.792	2577	2581	2585	rBV7	11370	20437	0.30%	0.160%
140	15.957	2610	2612	2614	rVB3	10691	7412	0.11%	0.058%
141	16.412	2692	2697	2702	rBV8	30978	50854	0.75%	0.398%

Sum of corrected areas: 12768890

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



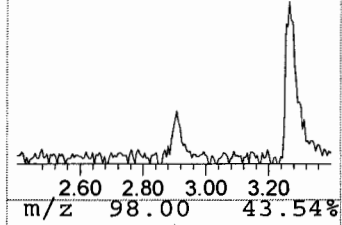
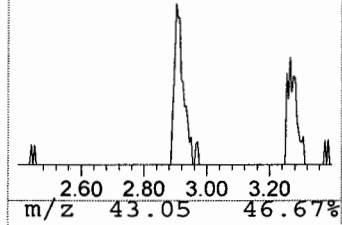
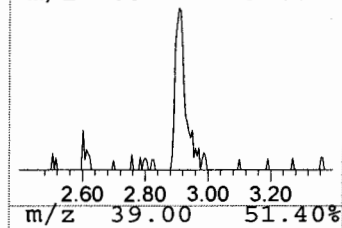
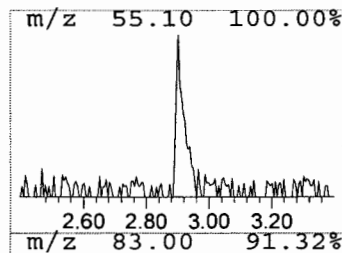
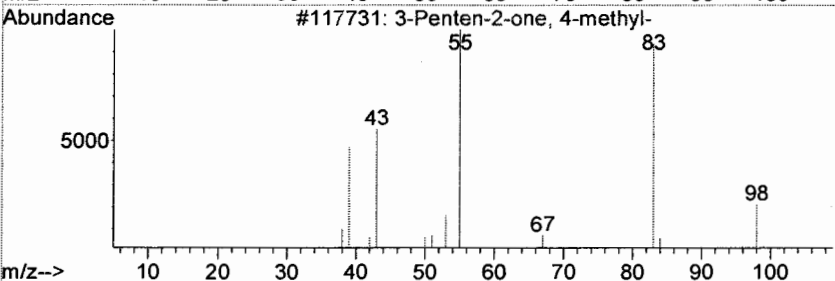
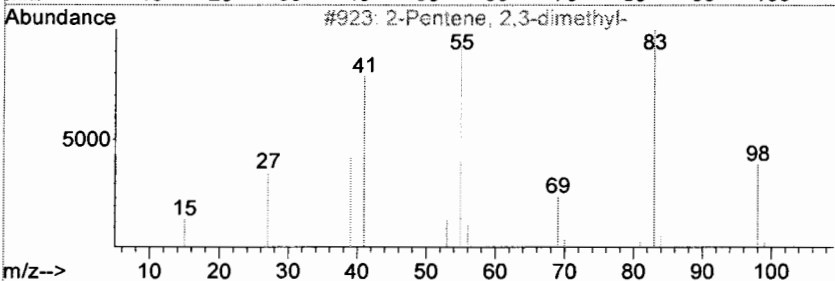
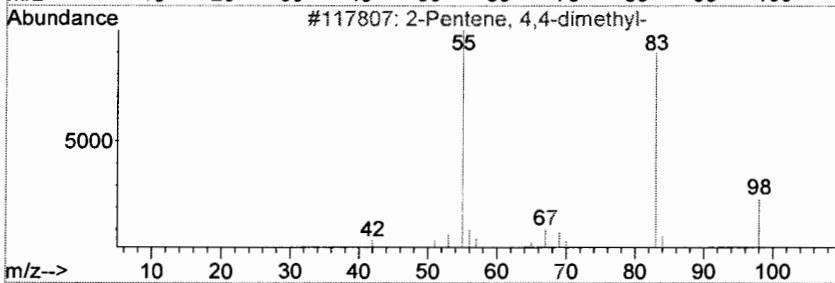
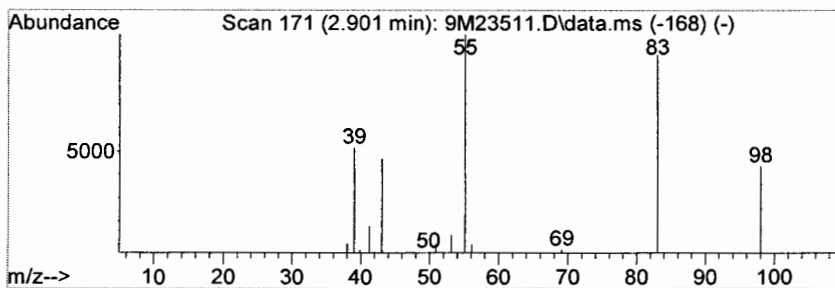
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Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.90	5.63 ng	21911	LibIS-1,4-Dichlorobenzene-d4	5.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	83
2	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	72
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	64
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	58
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53



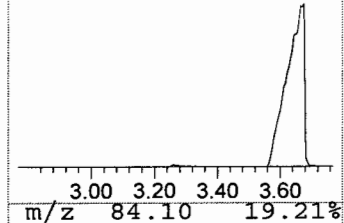
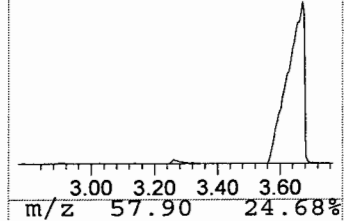
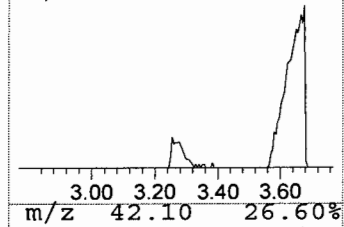
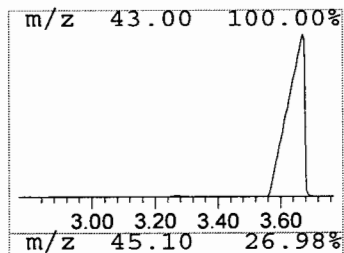
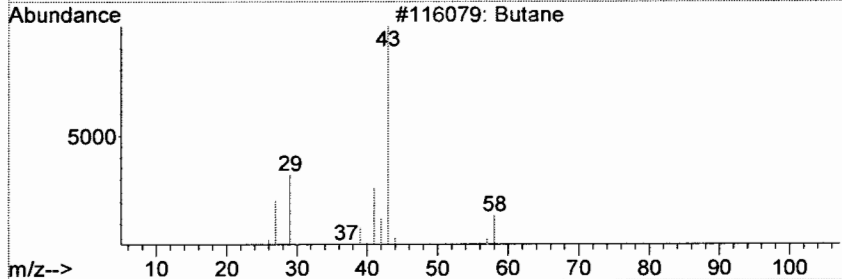
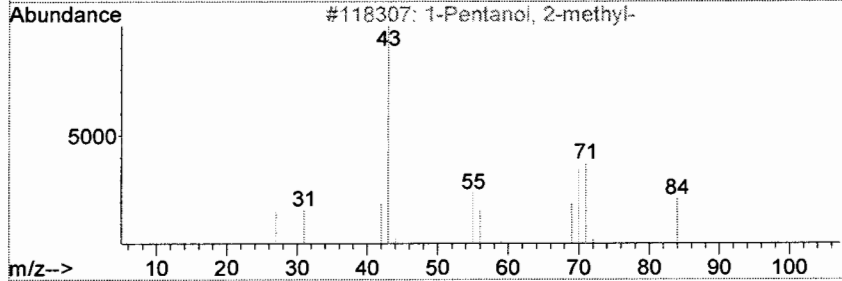
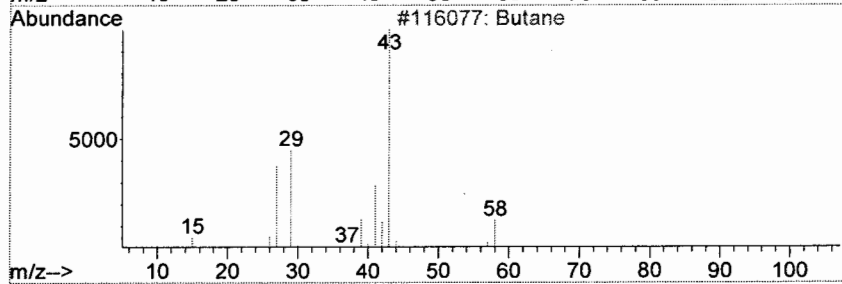
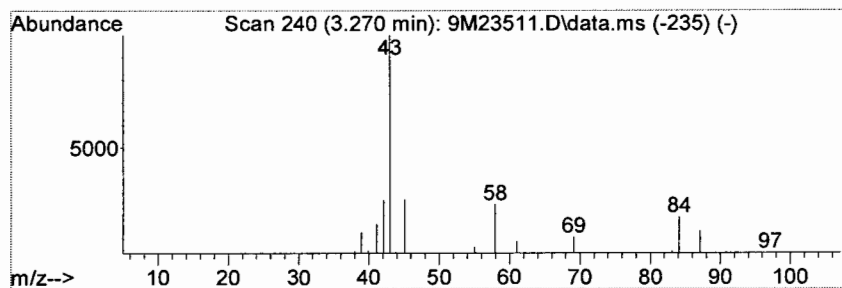
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Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.27	9.32 ng	36254	LibIS-1,4-Dichlorobenzene-d4	5.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	9
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	9
3	Butane	58	C4H10	000106-97-8	7
4	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	4
5	Furan, 2,3-dihydro-5-methyl-	84	C5H8O	001487-15-6	4



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

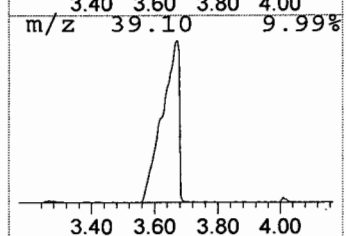
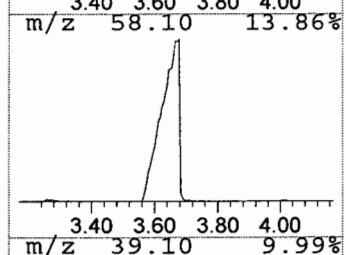
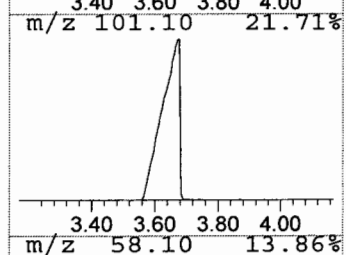
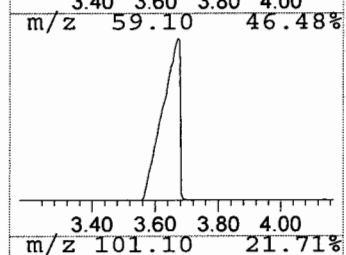
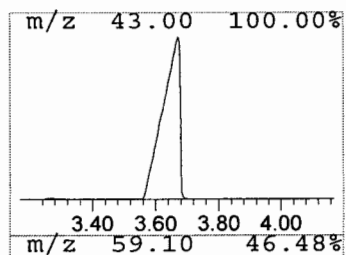
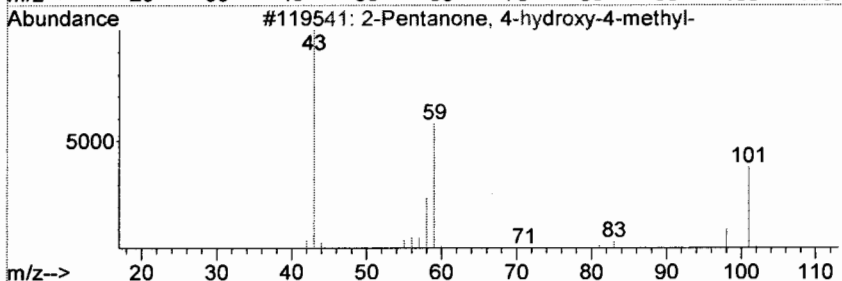
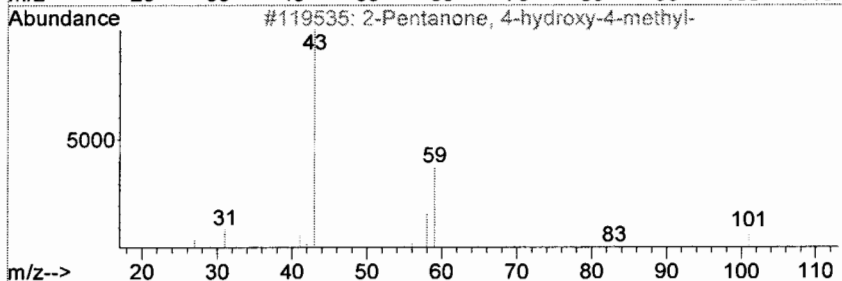
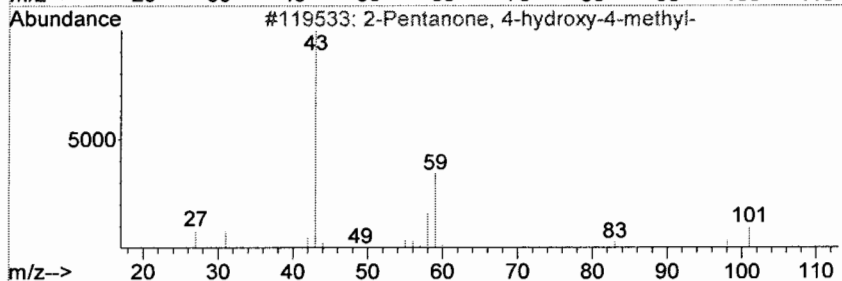
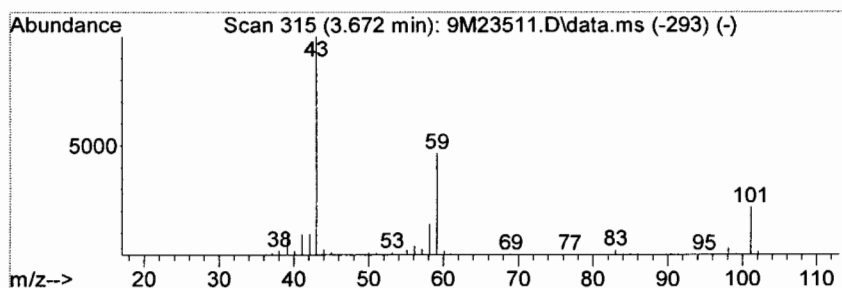
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	1736.71 ng	6755924	LibIS-1,4-Dichlorobenzene-d4	5.26

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	45	
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43	
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	



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

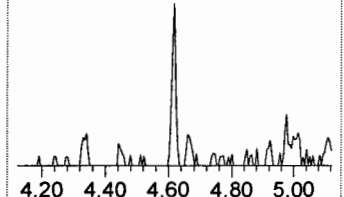
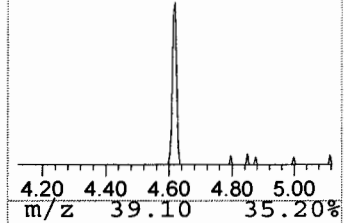
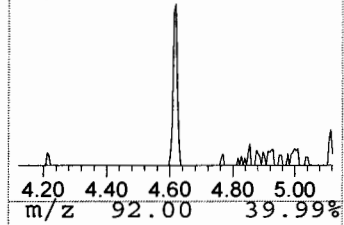
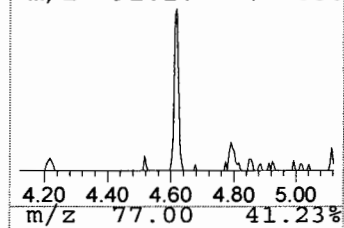
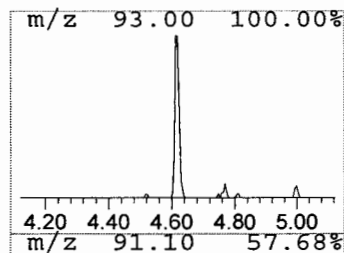
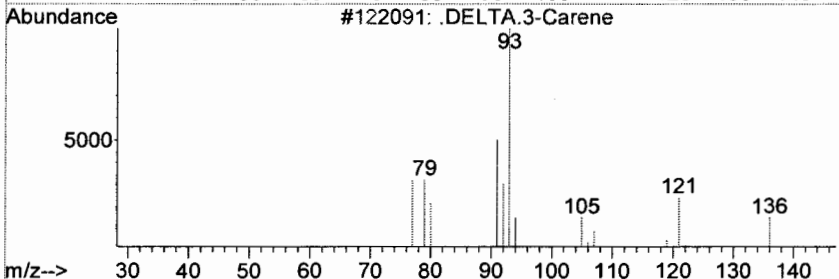
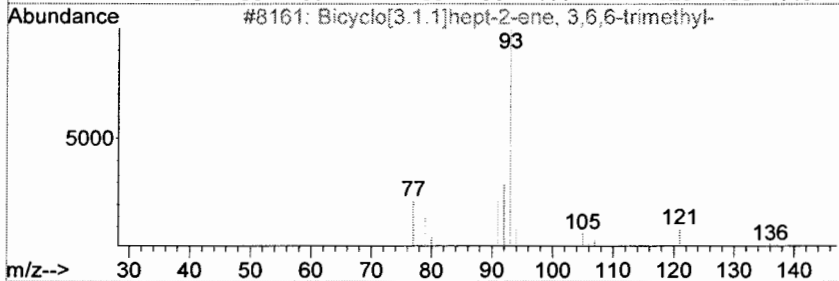
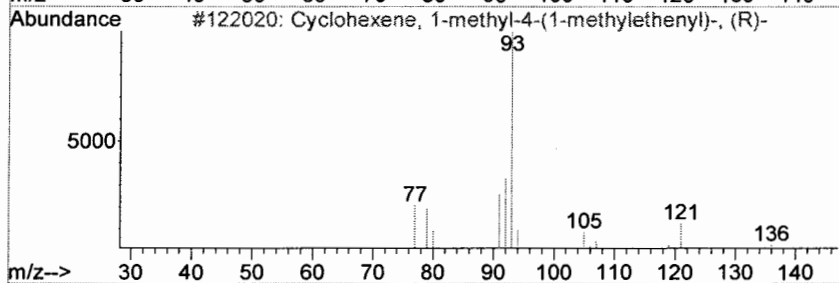
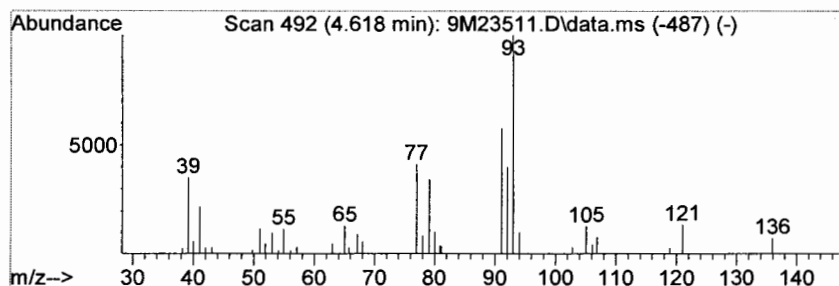
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 4 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	10.16 ng	39526	LibIS-1,4-Dichlorobenzene-d4	5.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-27-5	91
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	.DELTA.3-Carene	136	C10H16	013466-78-9	90
4	.ALPHA.-PINENE, (-)-	136	C10H16	000080-56-8	90
5	.ALPHA.-PINENE, (-)-	136	C10H16	000080-56-8	87



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

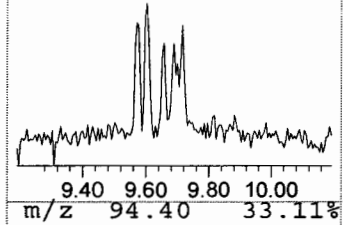
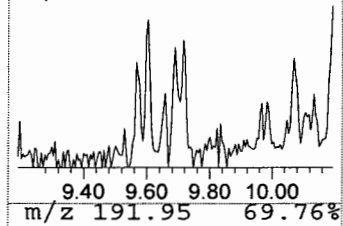
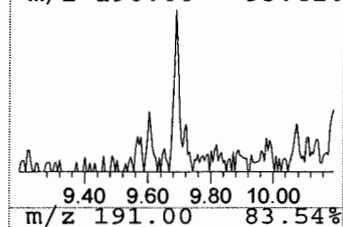
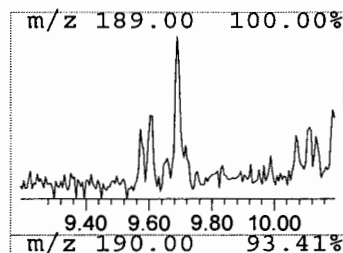
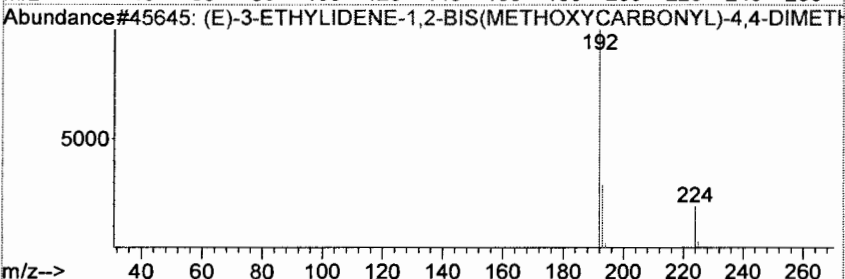
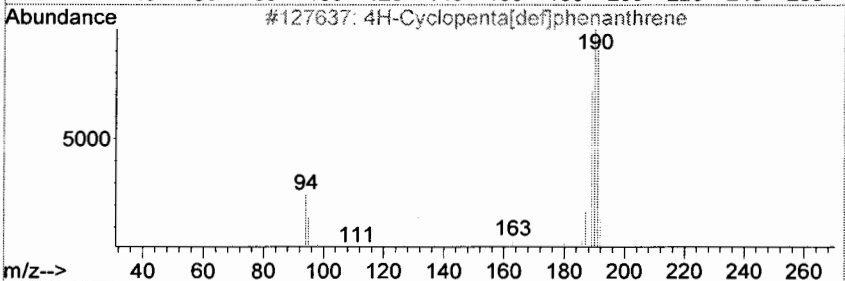
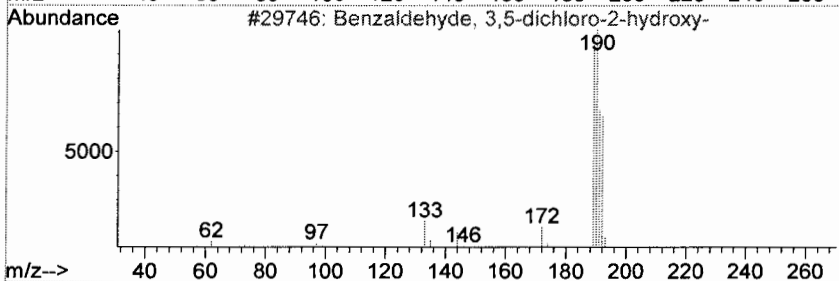
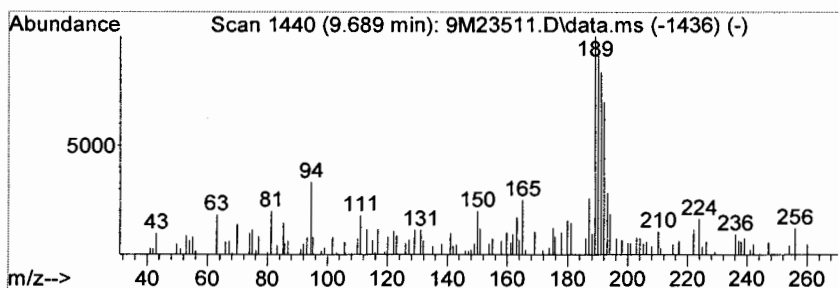
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	4.80 ng	36601	LibIS-Phenanthrene-d10	9.03

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		(E)-3-ETHYLIDENE-1,2-BIS(METHOXY...	224	C12H16O4	000000-00-0	50
4		3-ISOPROPYLIDENE-4-METHYL-1,2-BI...	224	C12H16O4	068930-31-4	50
5		Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	43



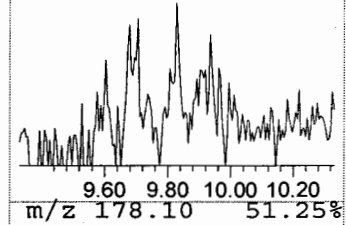
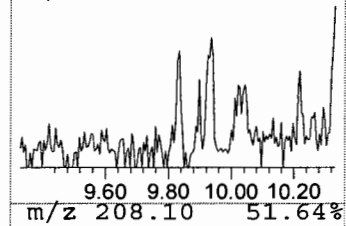
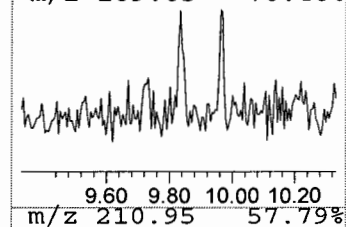
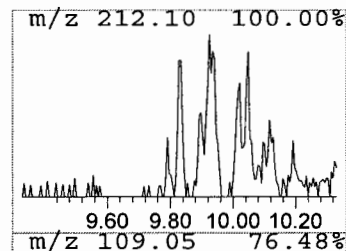
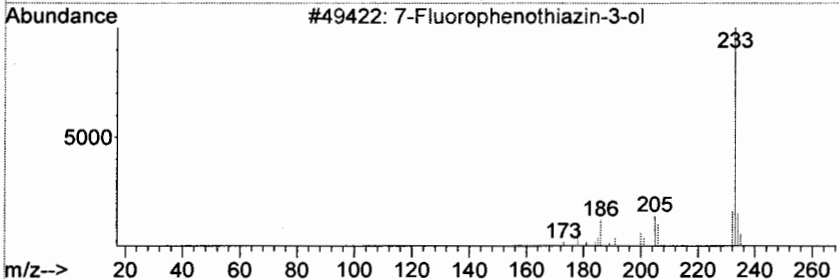
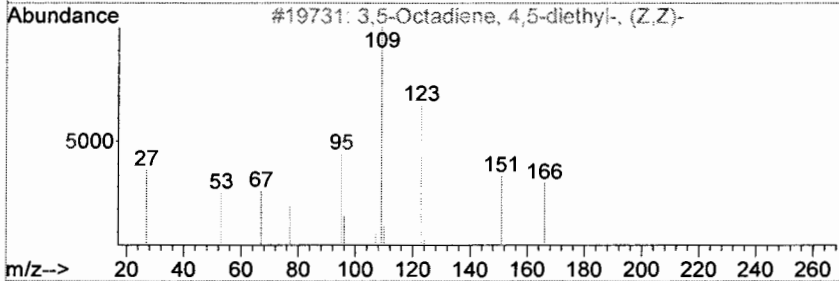
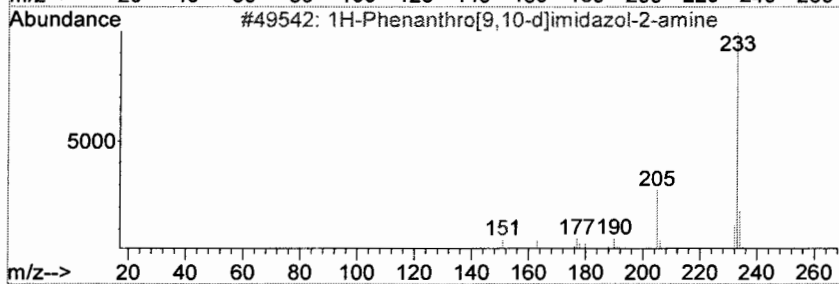
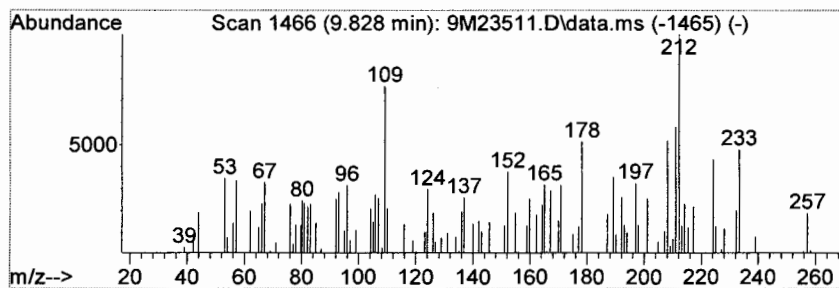
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Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.83	6.91 ng	52731	LibIS-Phenanthrene-d10	9.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3	037052-13-4	27
2	3,5-Octadiene, 4,5-diethyl-, (Z,Z)-	166	C12H22	021293-03-8	22
3	7-Fluorophenothiazin-3-ol	233	C12H8FNOS	035986-23-3	22
4	Silanthrene, 5,10-dihydro-	212	C12H12Si2	007531-42-2	18
5	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	18



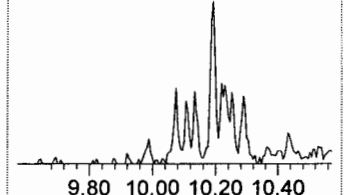
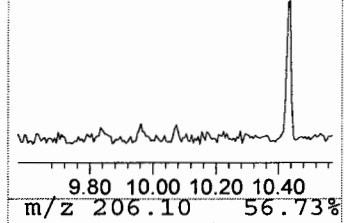
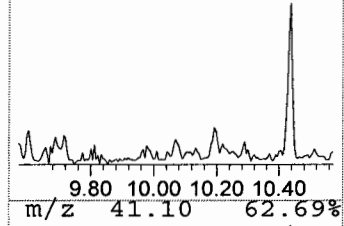
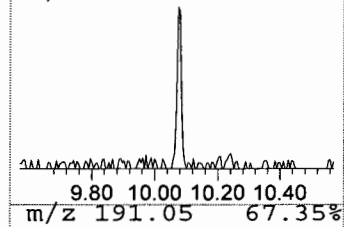
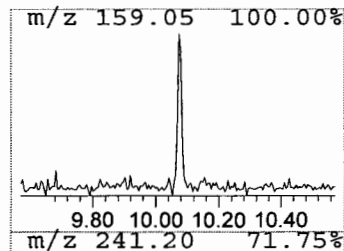
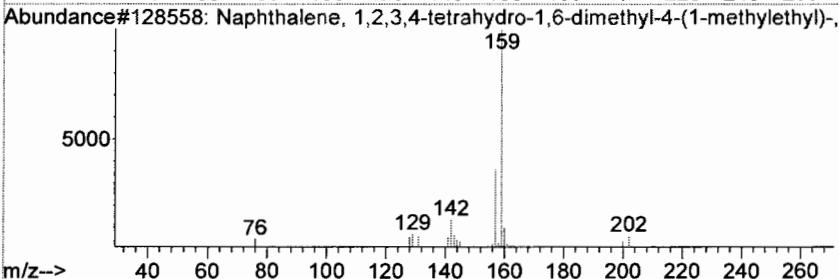
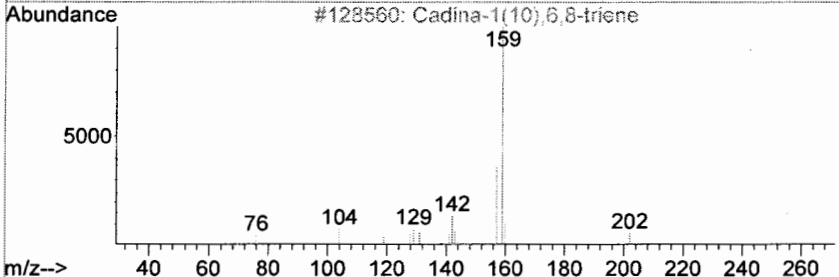
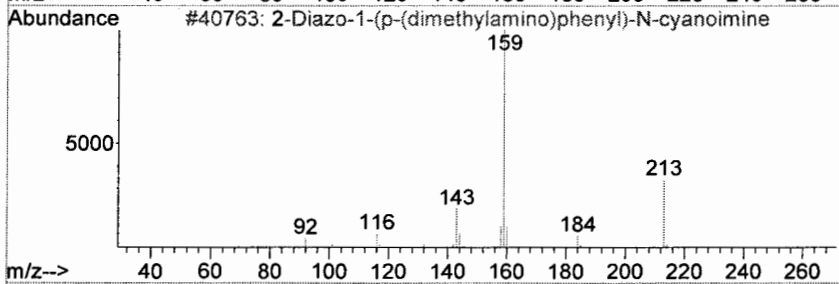
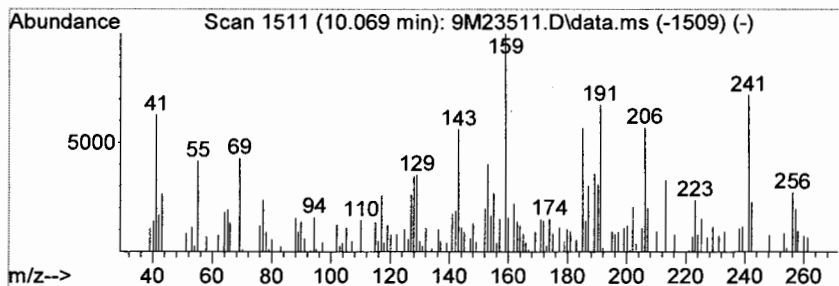
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Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 7 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.07	7.28 ng	55554	LibIS-Phenanthrene-d10	9.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Diazo-1-(p-(dimethylamino)phen...	213	C11H11N5	085980-25-2	22
2	Cadina-1(10),6,8-triene	202	C15H22	001460-96-4	18
3	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	18
4	2,4-Dimethoxybenzophenone	242	C15H14O3	000000-00-0	14
5	5-CYANO-2-METHYL-4-METHYLTHIO-6-...	241	C13H11N3S	068364-38-5	14



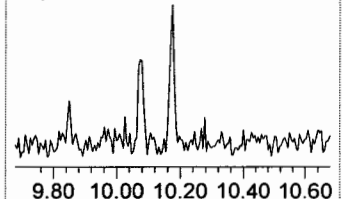
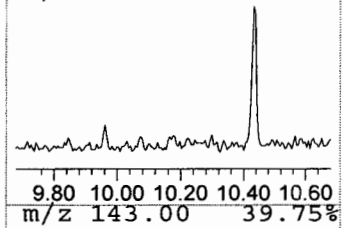
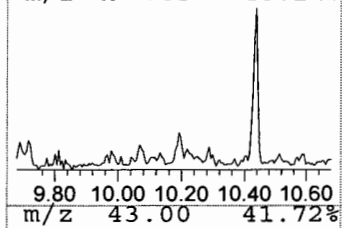
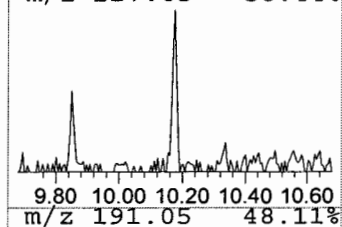
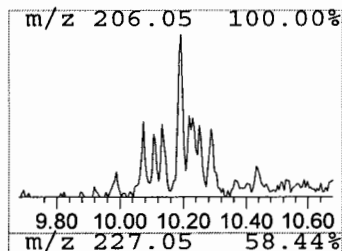
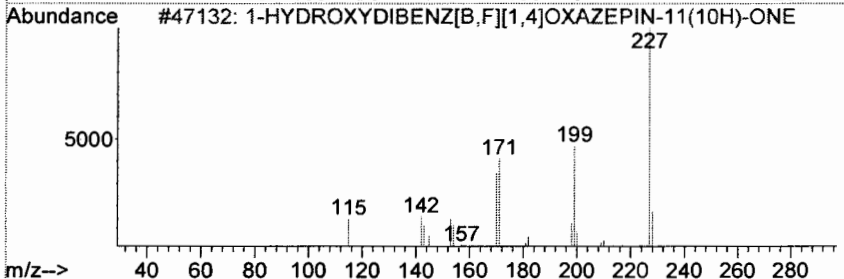
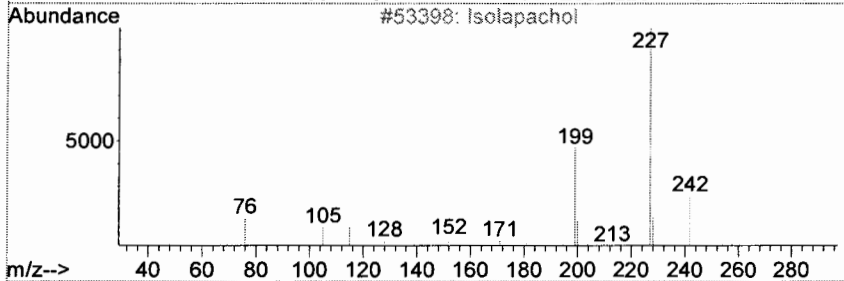
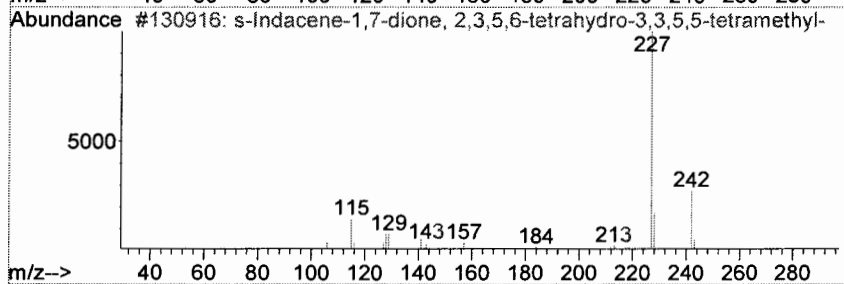
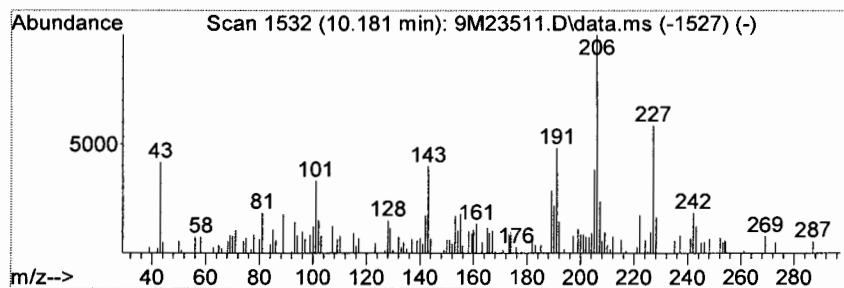
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Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 8 unknown Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.18	5.01 ng	38243	LibIS-Phenanthrene-d10	9.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	38
2	Isolapachol	242	C15H14O3	004042-39-1	35
3	1-HYDROXYDIBENZ[B,F][1,4]OXAZEPI...	227	C13H9NO3	060314-81-0	30
4	6-Nitro-2-methylpyrrolo-[2,3]-qu...	227	C12H9N3O2	000000-00-0	25
5	Benzoic acid, p-anilino-, methyl...	227	C14H13NO2	004058-18-8	22



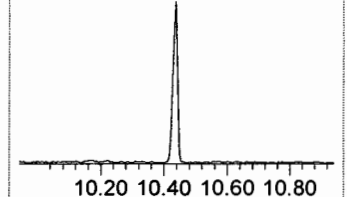
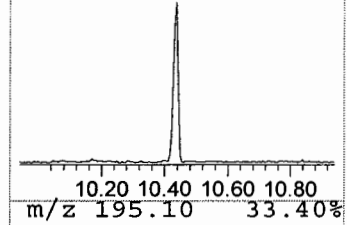
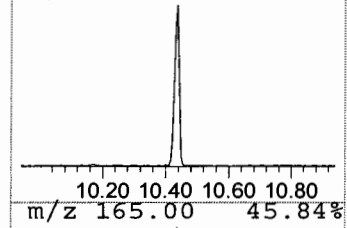
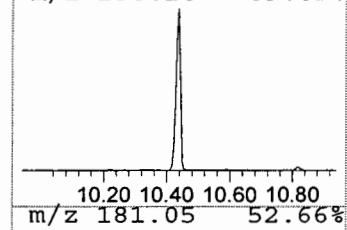
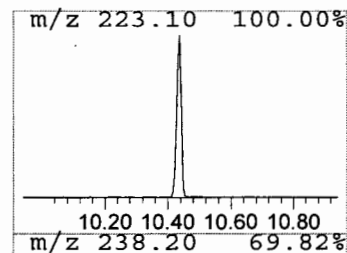
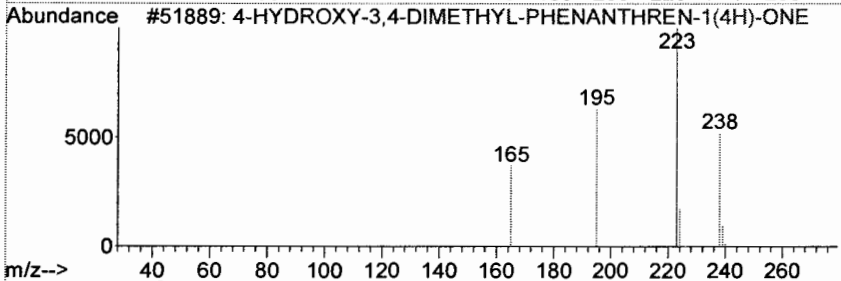
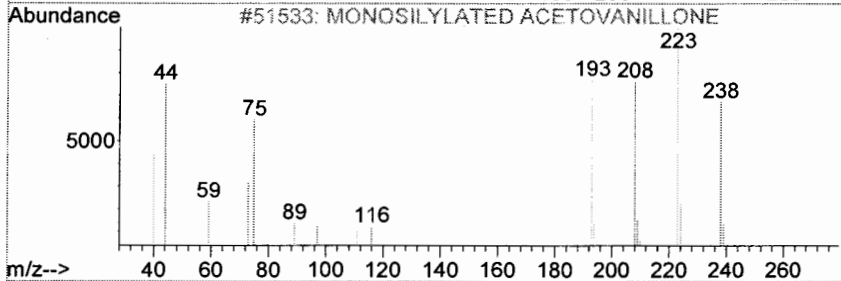
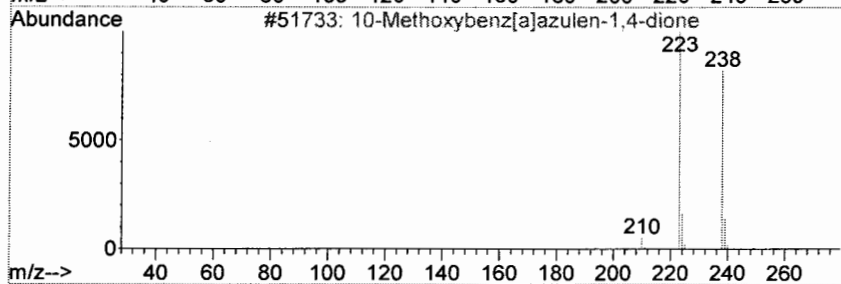
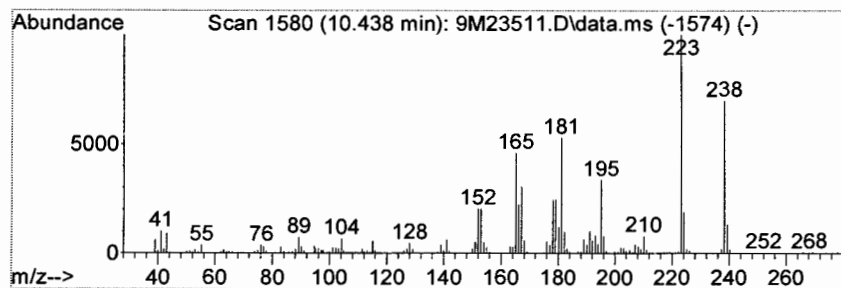
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Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 9 10-Methoxybenz[a]azulen-1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.44	140.74 ng	1073527	LibIS-Phenanthrene-d10	9.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methoxybenz[a]azulen-1,4-dione	238	C15H10O3	076319-77-2	90
2	MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	83
3	4-HYDROXY-3,4-DIMETHYL-PHENANTHR...	238	C16H14O2	060505-33-1	53
4	6-CYANOMETHOXY-N-METHOXYMETHYL-N...	238	C9H14N6O2	078927-31-8	43
5	3a-Methyl-3,3a,6,7-tetrahydro-2H...	238	C17H18O	054922-27-9	43



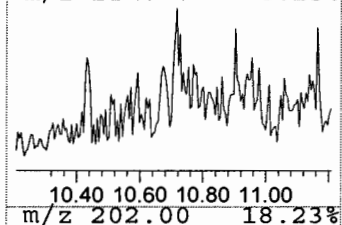
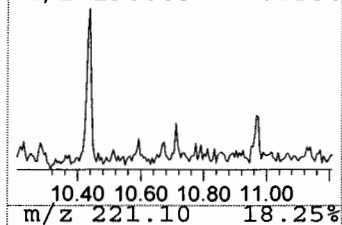
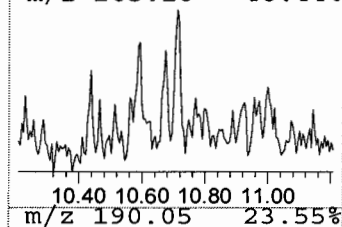
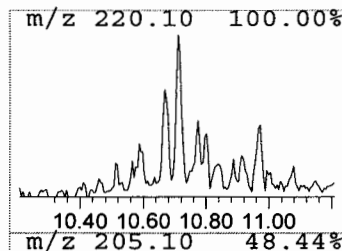
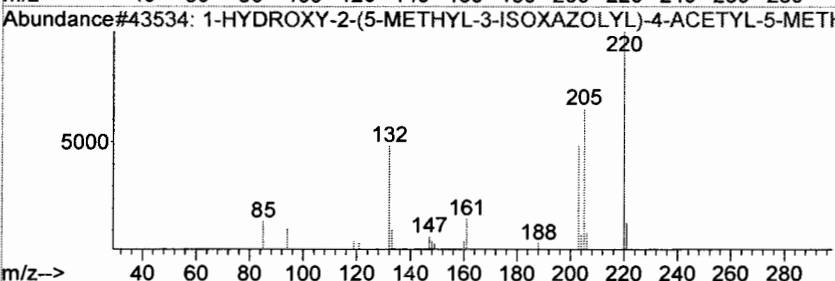
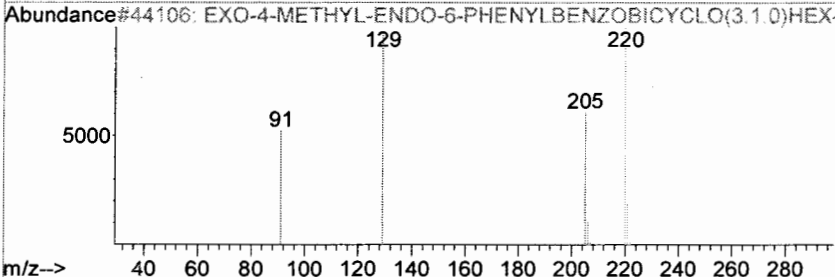
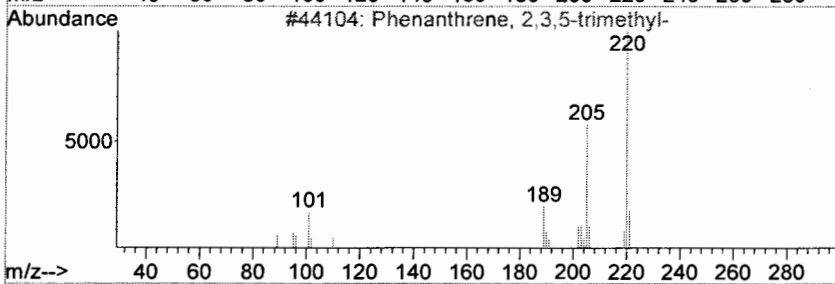
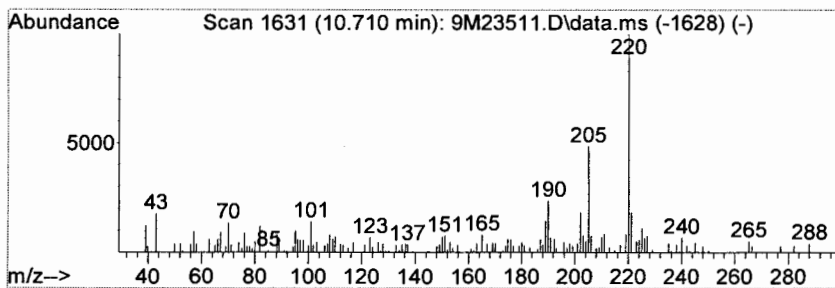
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Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 10 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.71	6.13 ng	37626	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	62
2	EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	52
3	1-HYDROXY-2-(5-METHYL-3-ISOXAZOL...	220	C11H12N2O3	068576-19-2	50
4	3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	50
5	5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	50



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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ALS Vial : 14 Sample Multiplier: 1

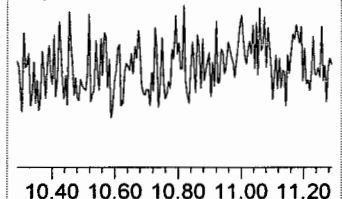
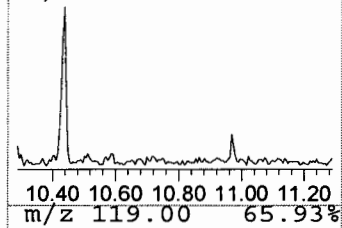
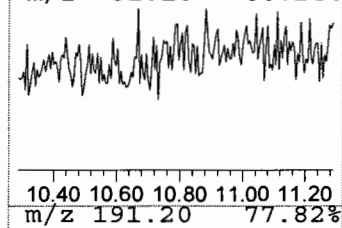
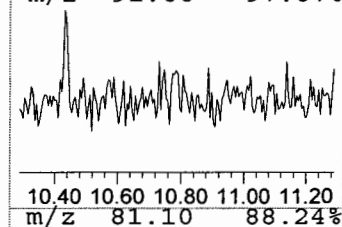
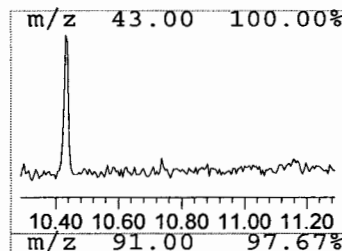
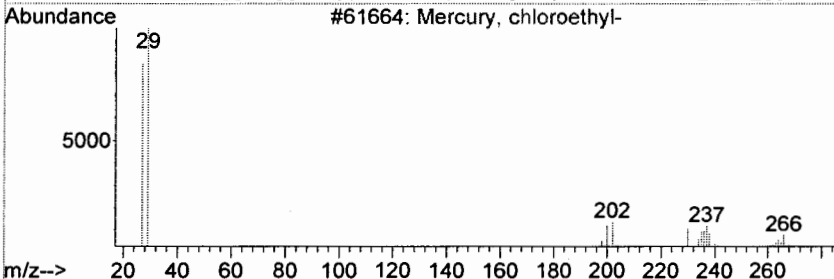
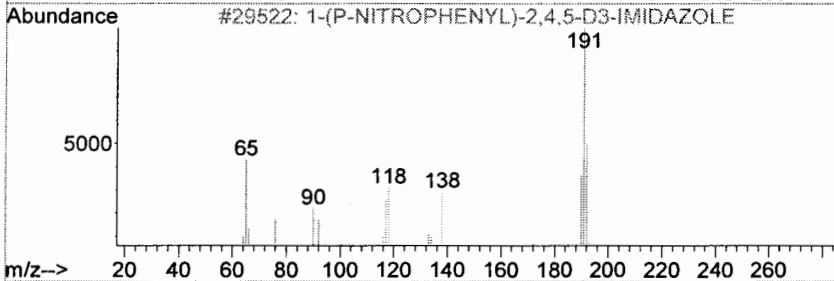
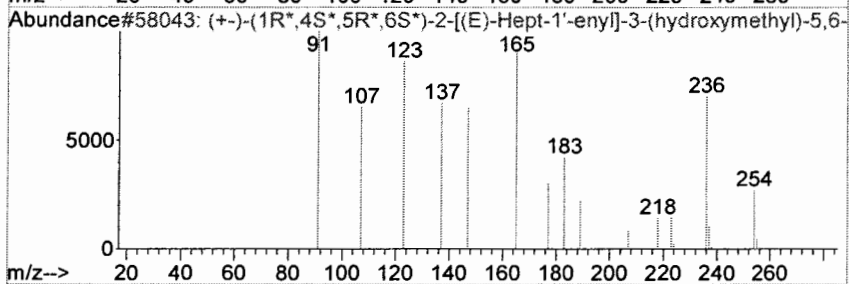
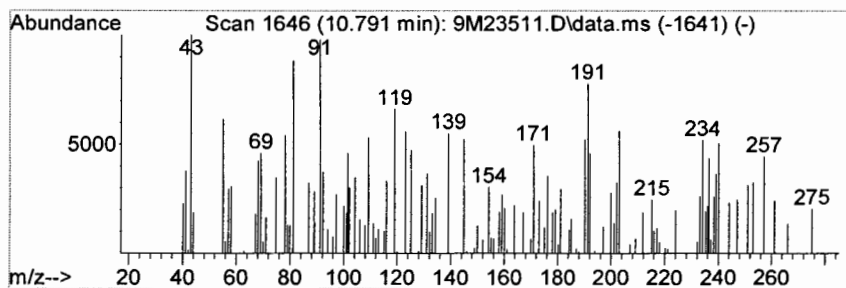
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 11 unknown Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.73 ng	29017	LibIS-Chrysene-d12	12.05

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-(1R*,4S*,5R*,6S*)-2-[(E)-He...	254	C14H22O4	089773-19-3	11	
2	1-(P-NITROPHENYL)-2,4,5-D3-IMIDA...	189	C9H4D3N3O2	000000-00-0	10	
3	Mercury, chloroethyl-	266	C2H5ClHg	000107-27-7	10	
4	2-(PHENYLAMINO)-5,6-DIHYDRO-(4H)...	192	C10H12N2S	003420-40-4	10	
5	Anthracene, 9-butyl-	234	C18H18	001498-69-7	9	



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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Sample : AC50034-004(2X)
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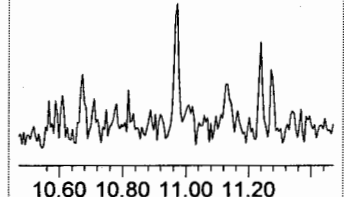
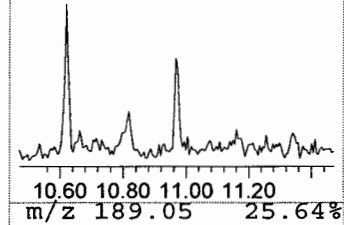
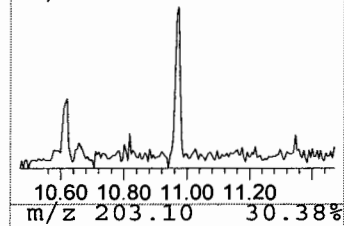
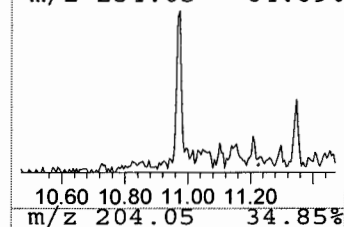
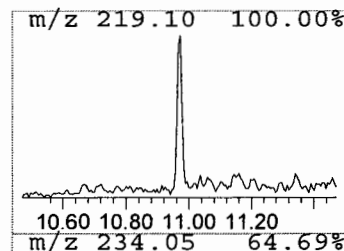
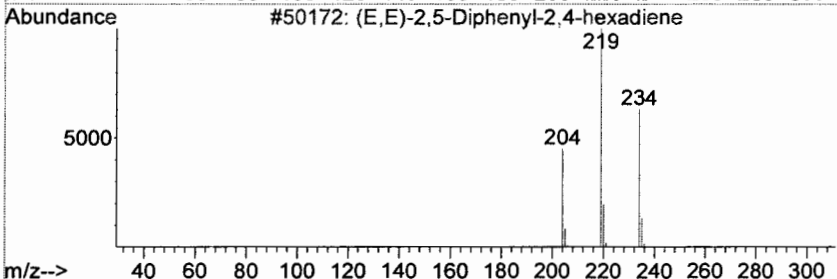
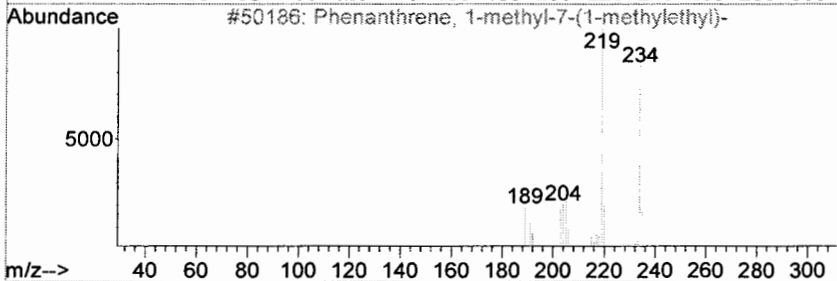
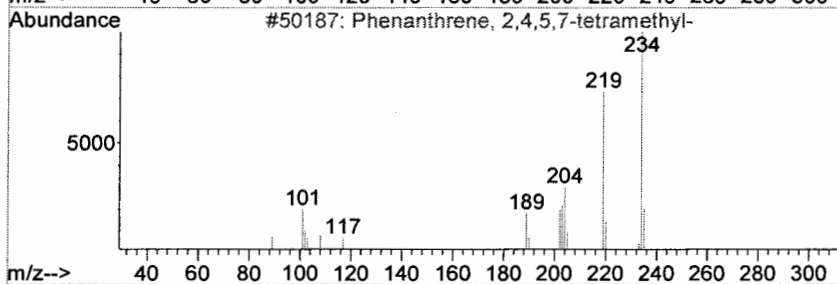
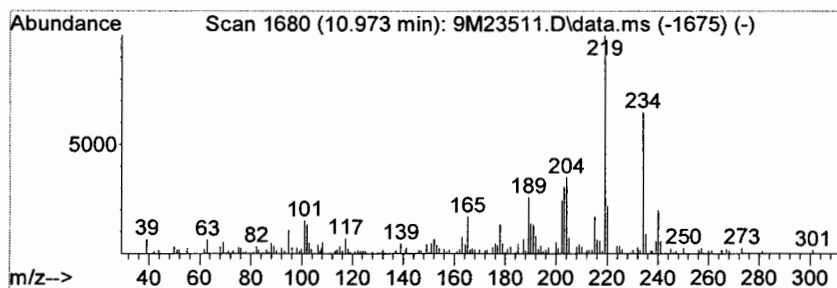
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 12 Phenanthrene, 2,4,5,7-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	15.43 ng	94644	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
2			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	76
3			(E,E)-2,5-Diphenyl-2,4-hexadiene	234	C18H18	016914-12-8	72
4			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	52
5			2-[N-(2,6-DIMETHYLPHENYL)-N-METH...	234	C13H18N2S	040496-94-4	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

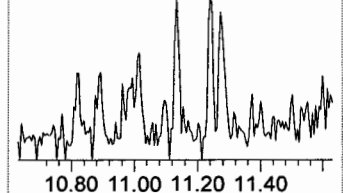
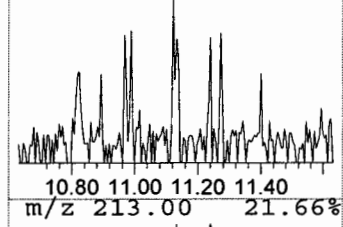
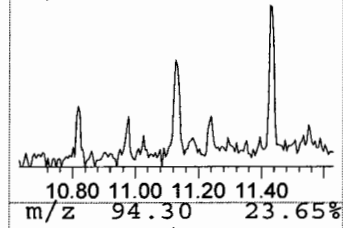
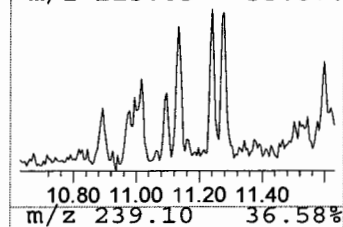
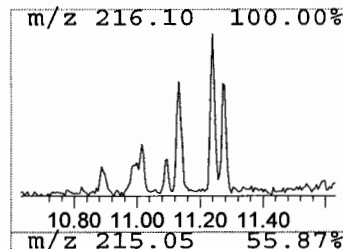
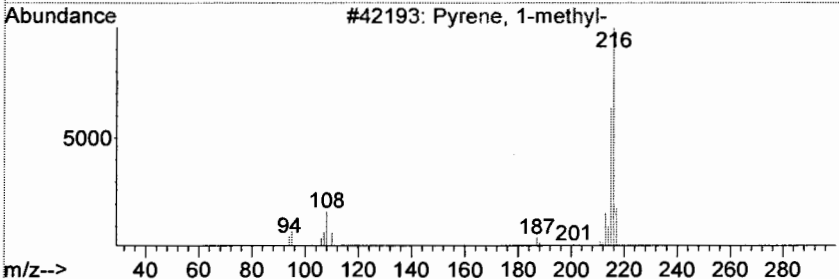
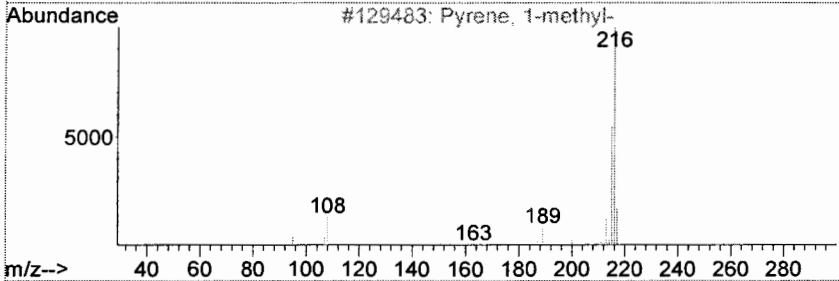
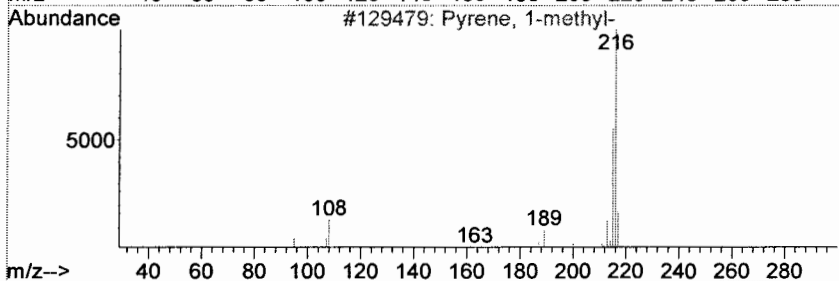
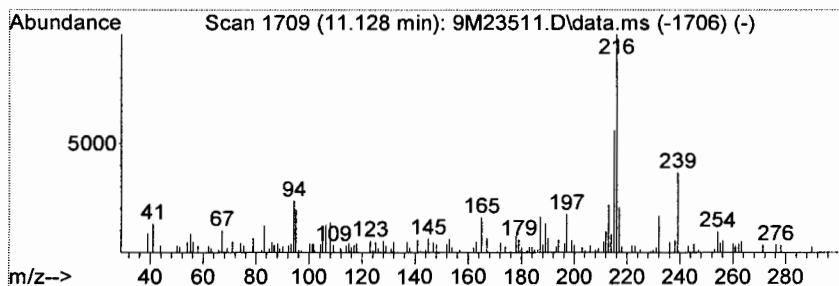
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	10.75 ng	65932	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
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5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	60



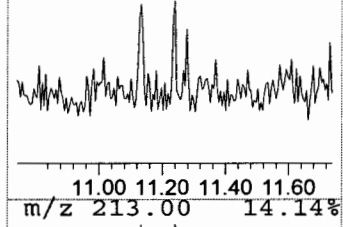
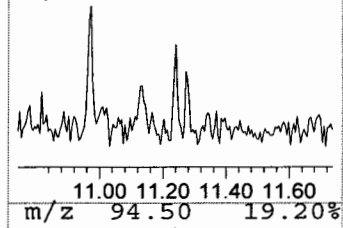
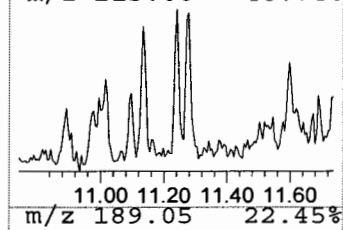
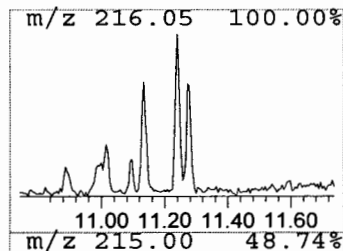
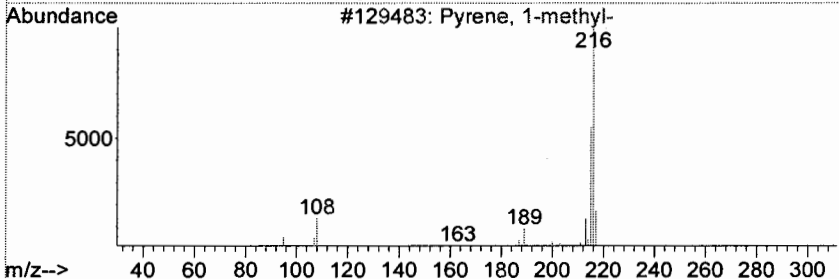
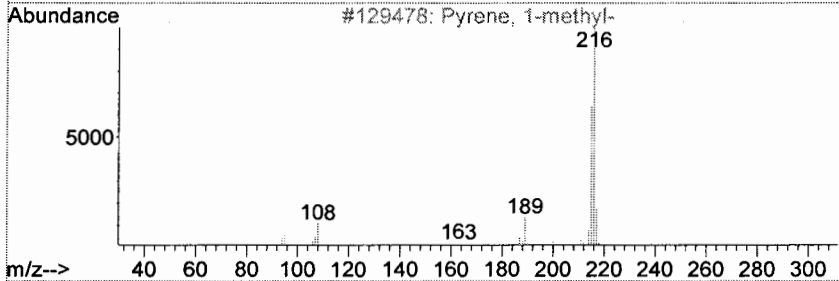
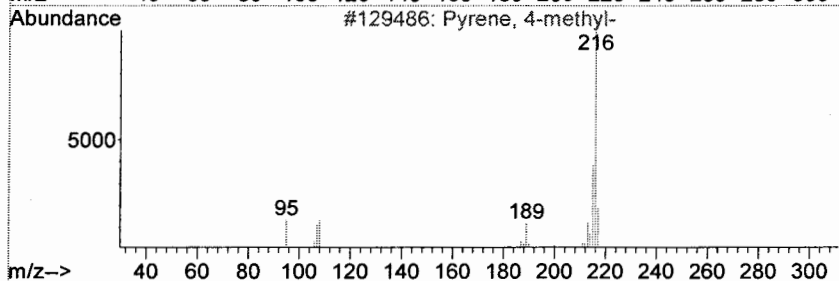
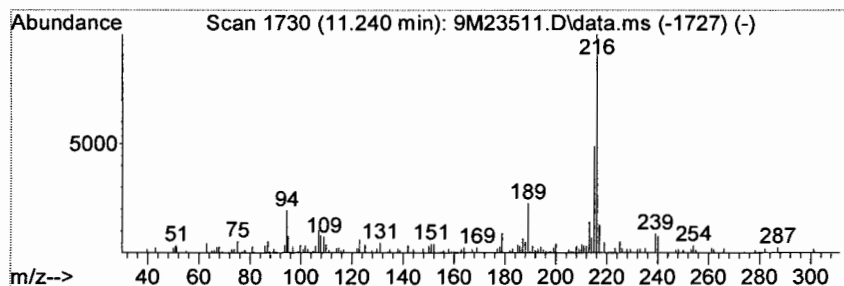
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Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

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 14 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.24	6.93 ng	42511	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

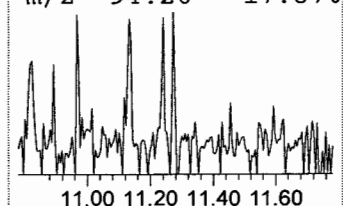
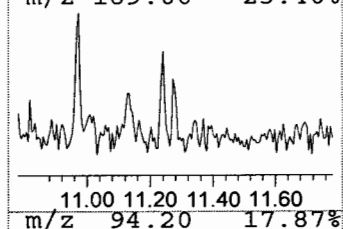
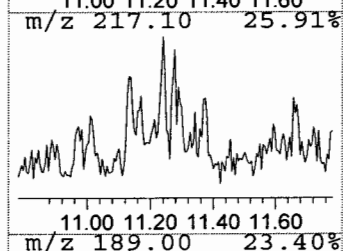
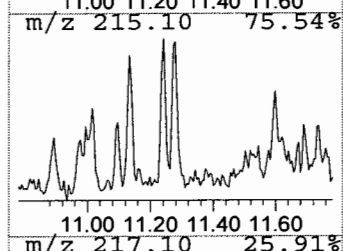
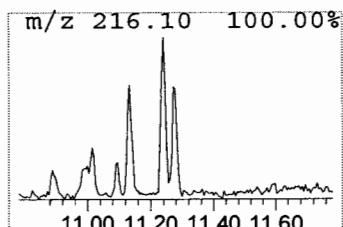
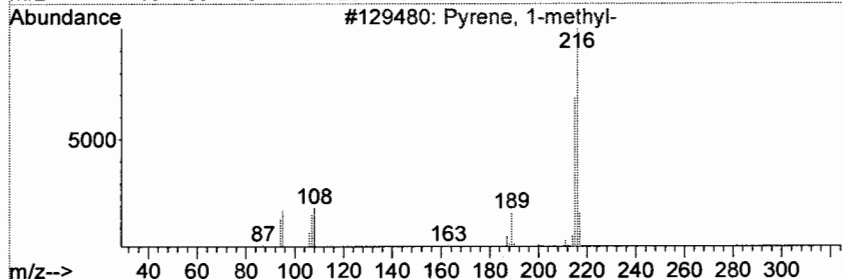
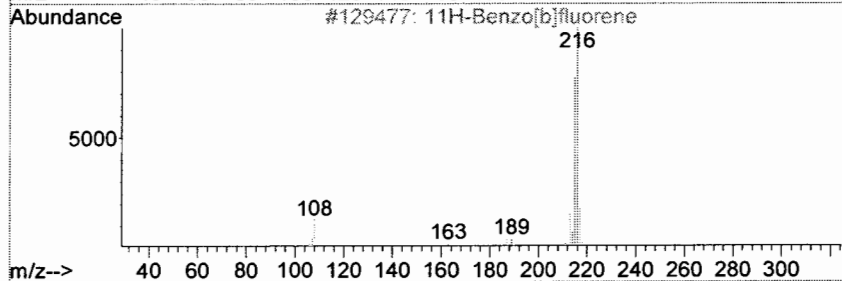
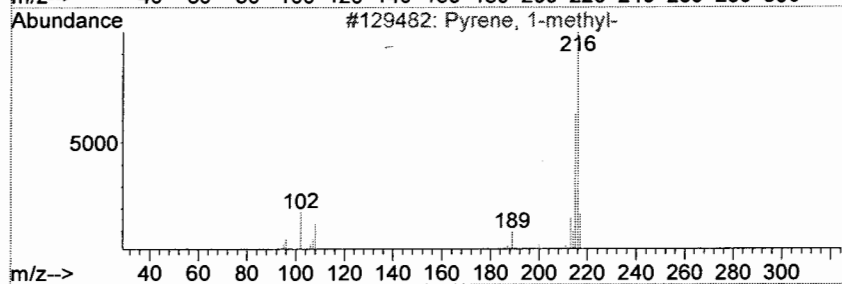
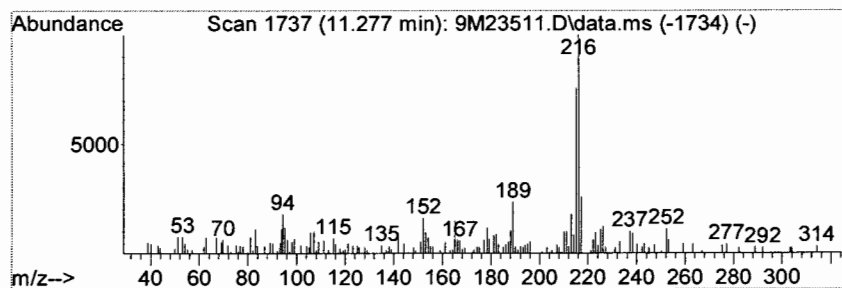
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 15 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	13.59 ng	83337	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	27
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	27
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	22
5			4-HYDROXY-5-METHOXY-3-NITROPHENY...	226	C8H6N2O4S	000000-00-0	11



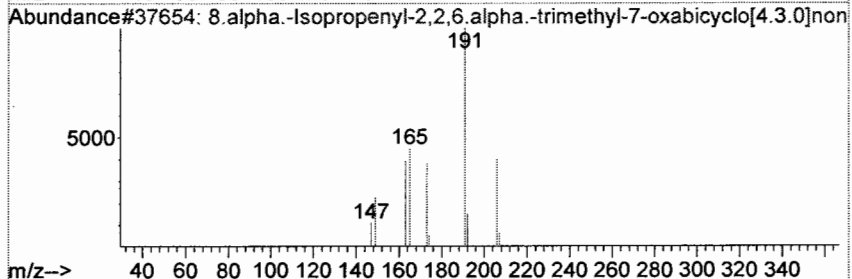
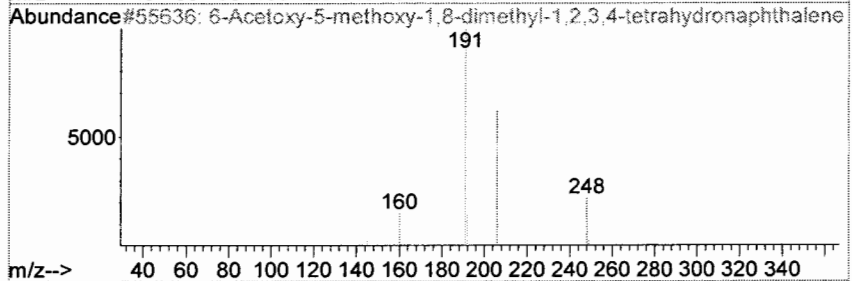
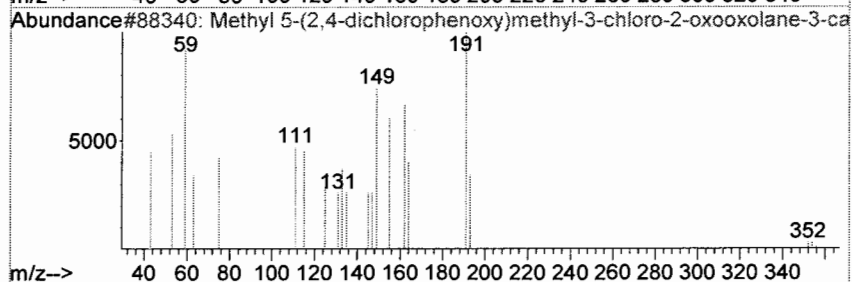
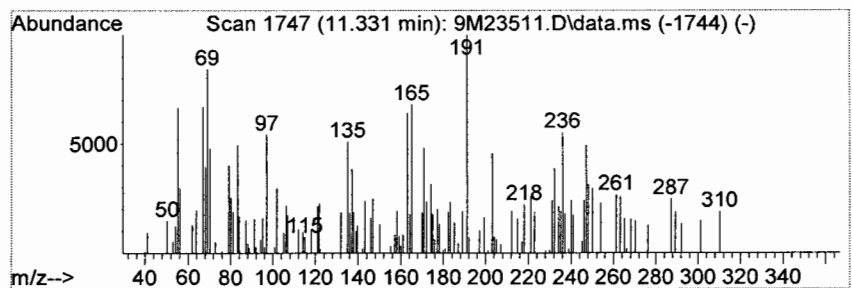
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Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

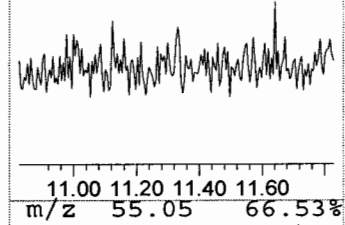
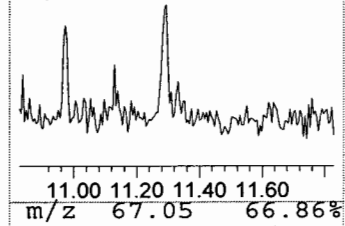
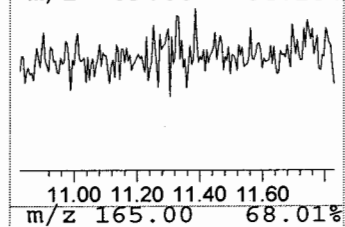
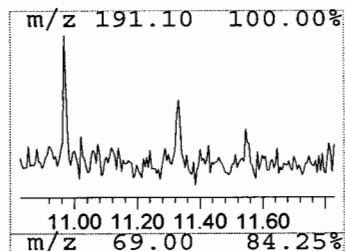
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.33	6.59 ng	40428	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5-(2,4-dichlorophenoxy)me...	352	C13H11Cl3O5	085858-62-4	35
2	6-Acetoxy-5-methoxy-1,8-dimethyl...	248	C15H20O3	069611-18-3	27
3	8.alpha.-Isopropenyl-2,2,6.alpha...	206	C14H22O	069296-88-4	27
4	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21NO2	036646-87-4	22
5	1-METHOXY-1,2,3,4-TETRAHYDROPHOS...	196	C10H13O2P	052221-86-0	14



9M_0301.M Thu Mar 04 18:05:18 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

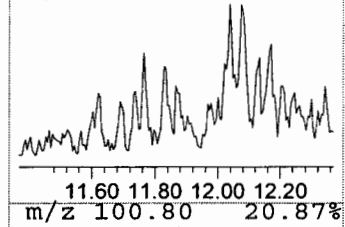
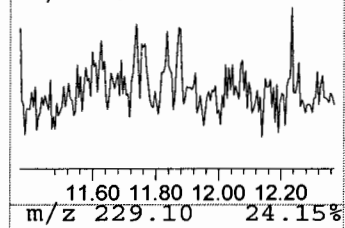
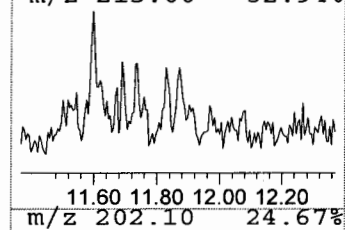
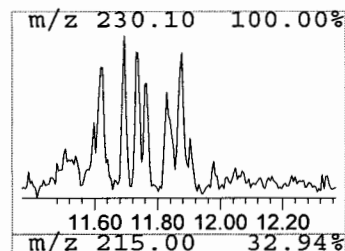
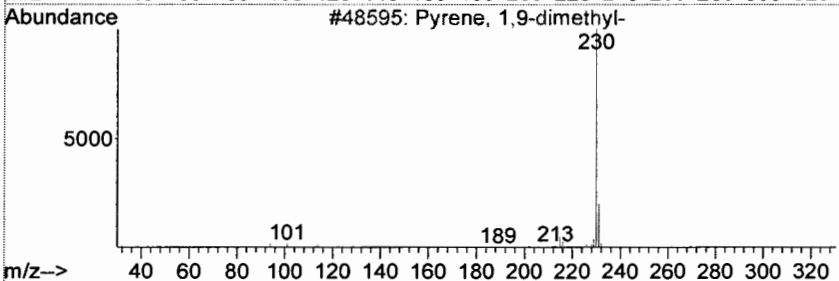
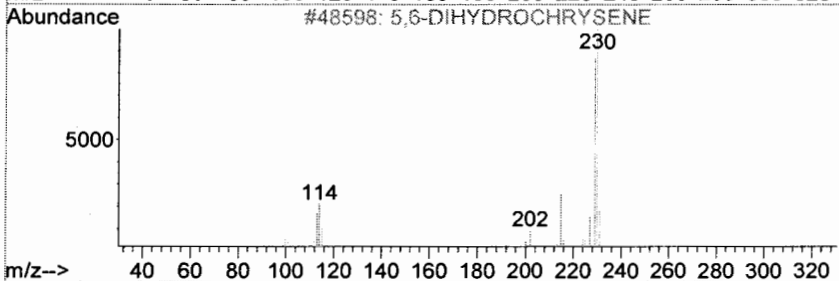
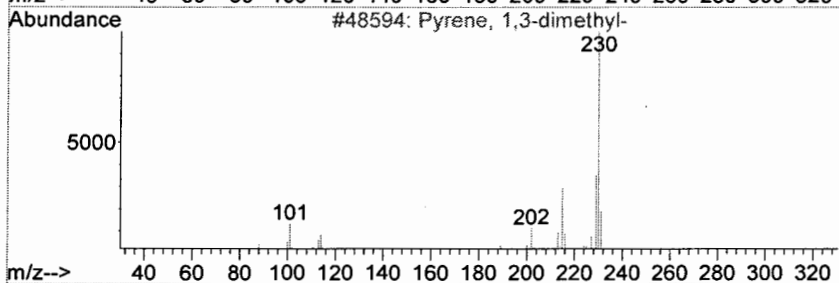
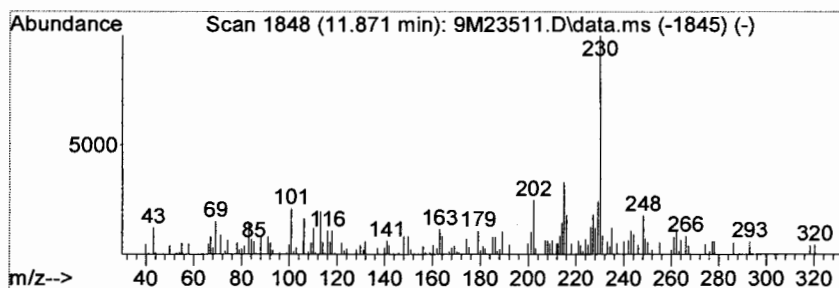
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 17 Pyrene, 1,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.91 ng	30141	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	52
2			5,6-DIHYDROCHRYSENE	230	C18H14	002091-92-1	49
3			Pyrene, 1,9-dimethyl-	230	C18H14	074298-70-7	47
4			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	46
5			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

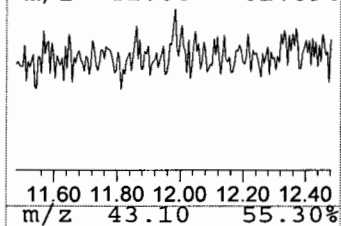
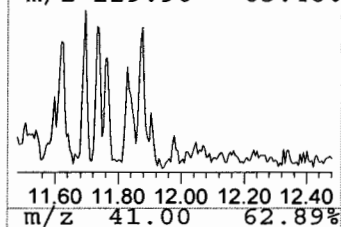
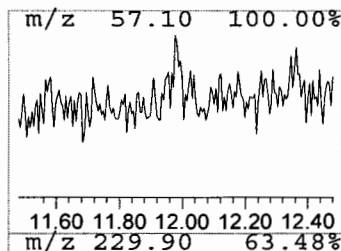
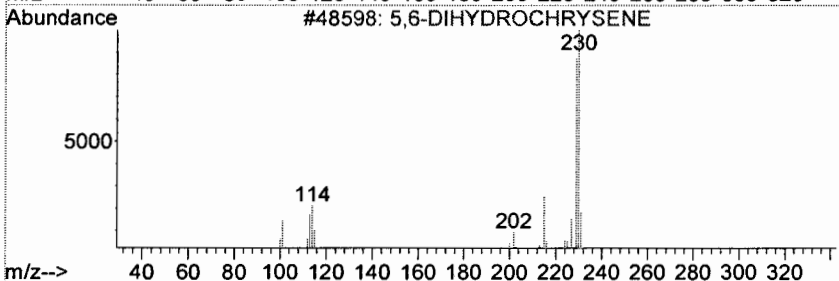
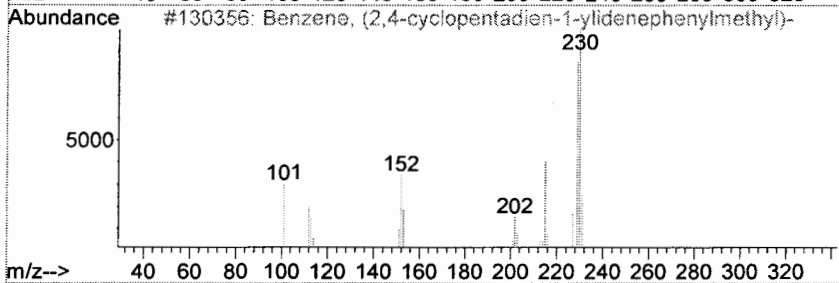
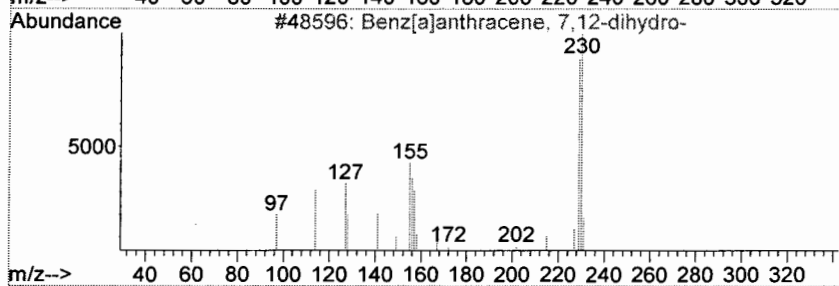
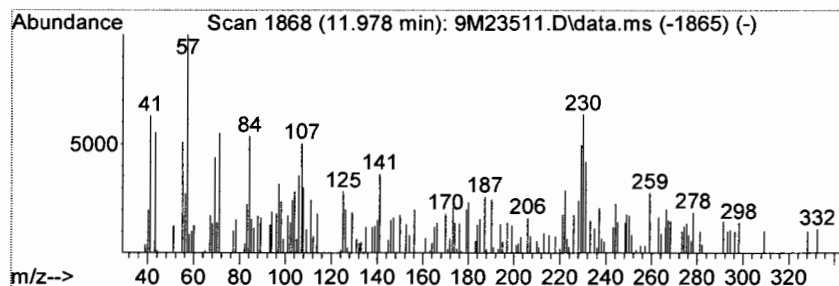
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 18 unknown Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.53 ng	27784	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dihydro-	230	C18H14	016434-59-6	30
2			Benzene, (2,4-cyclopentadien-1-y...	230	C18H14	002175-90-8	22
3			5,6-DIHYDROCHRYSENE	230	C18H14	002091-92-1	18
4			Benzene, (2,4-cyclopentadien-1-y...	230	C18H14	002175-90-8	18
5			2-Propen-1-one, 1-(2-hydroxyphen...	231	C14H17NO2	001084-62-4	14



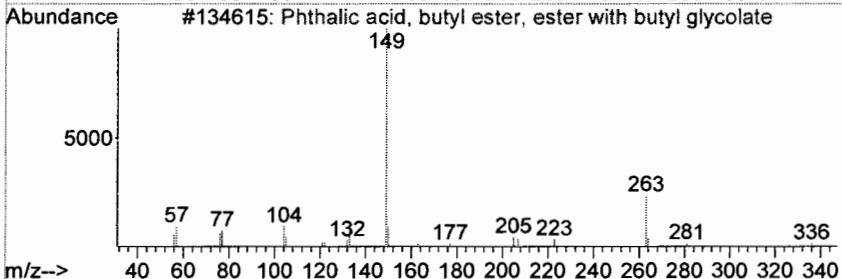
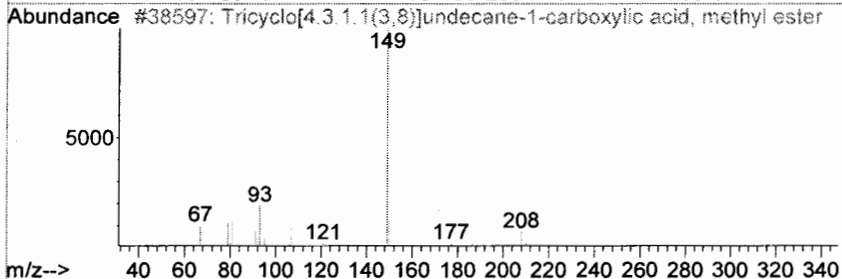
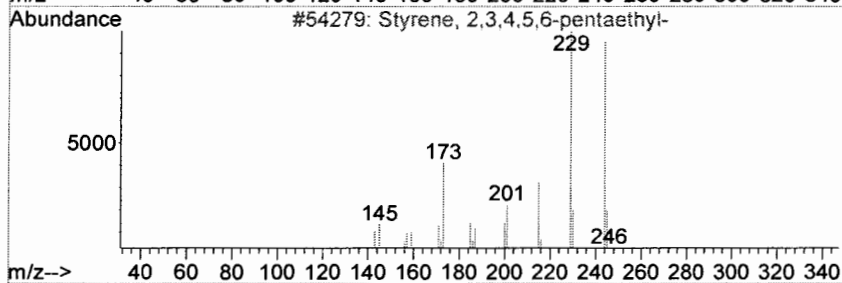
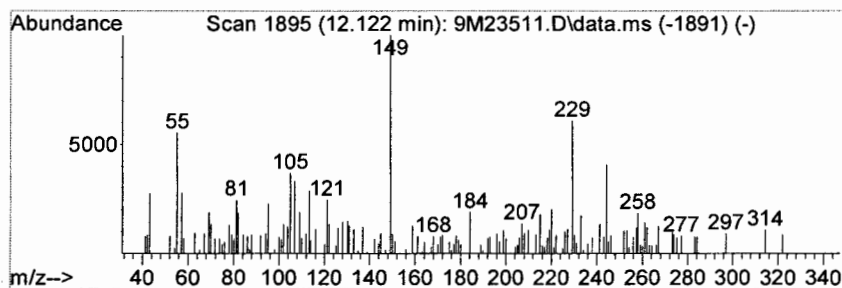
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Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

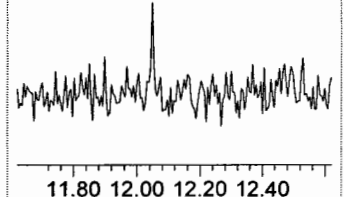
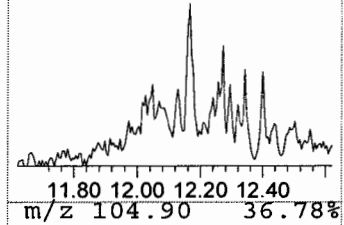
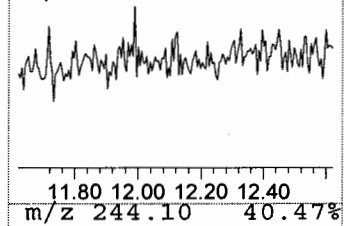
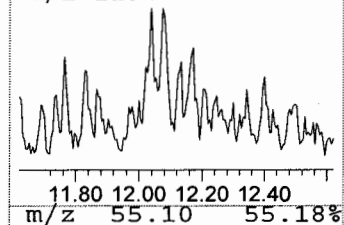
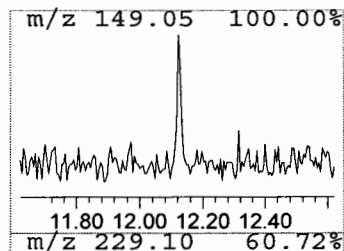
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.12	4.40 ng	27014	LibIS-Chrysene-d12	12.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene, 2,3,4,5,6-pentaethyl-	244	C18H28	002715-34-6	18
2	Tricyclo[4.3.1.1(3,8)]undecane-1...	208	C13H20O2	031083-60-0	18
3	Phthalic acid, butyl ester, este...	336	C18H24O6	000085-70-1	14
4	2-ACETYL-5-METHYLBENZO(1,2-B:5,4...	244	C13H8O5	035616-69-4	14
5	Phosphine oxide, dimethyl(pentaf...	244	C8H6F5OP	005525-96-2	14



9M_0301.M Thu Mar 04 18:05:24 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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ALS Vial : 14 Sample Multiplier: 1

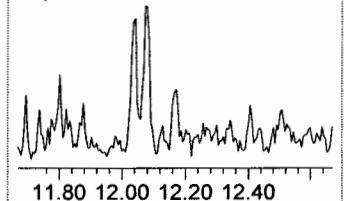
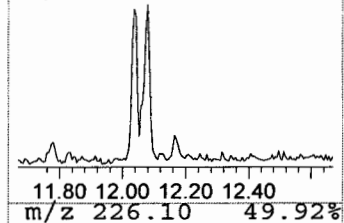
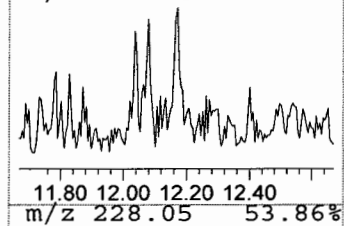
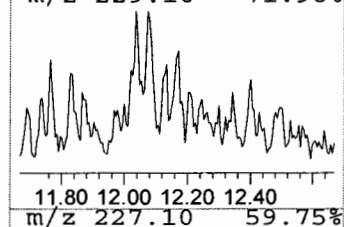
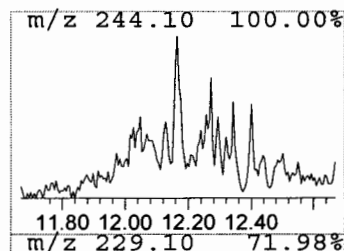
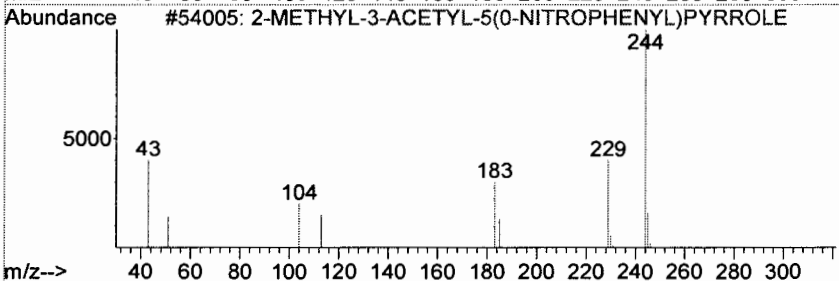
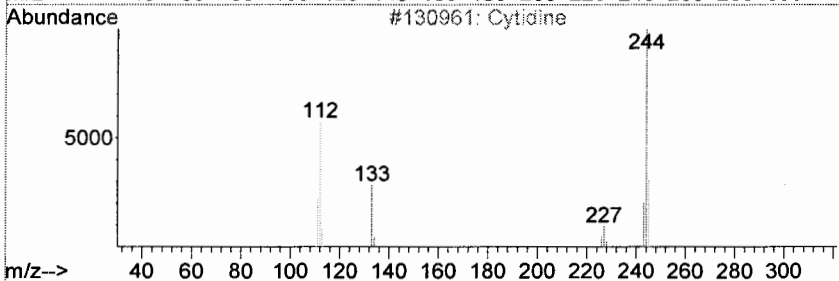
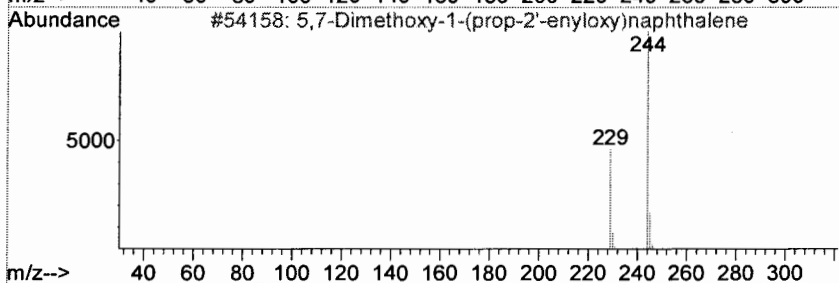
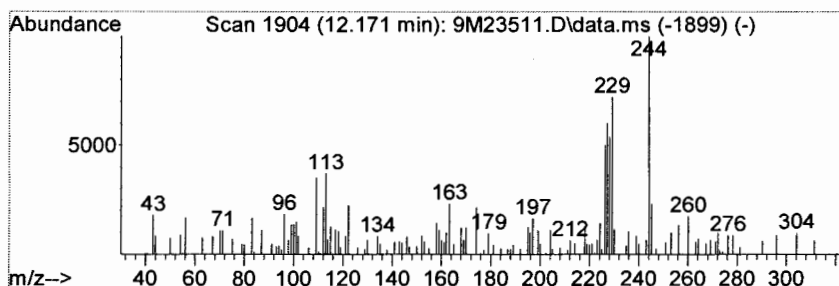
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 20 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	6.42 ng	39361	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Dimethoxy-1-(prop-2'-enyloxy...	244	C15H16O3	084018-39-3	45		
2	Cytidine	243	C9H13N3O5	000065-46-3	38		
3	2-METHYL-3-ACETYL-5(0-NITROPHENY...	244	C13H12N2O3	070400-96-3	38		
4	(+)-Calcalol methyl ether	244	C16H20O2	069651-43-0	38		
5	2,2'-DIAMINO-5,5'-DIMETHOXYBIPHENYL	244	C14H16N2O2	074199-63-6	38		



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

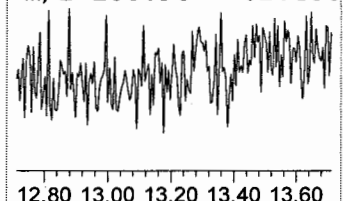
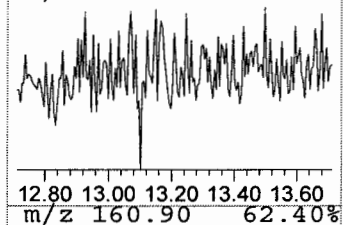
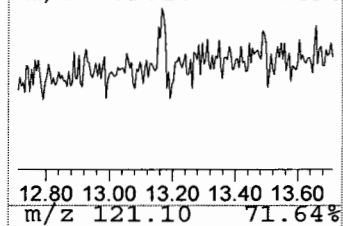
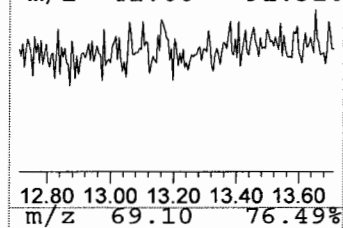
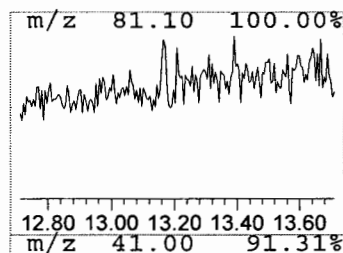
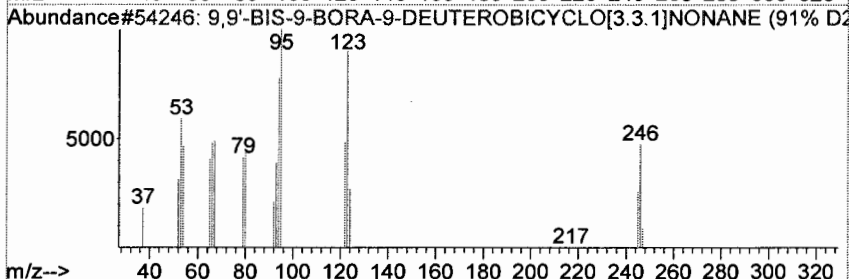
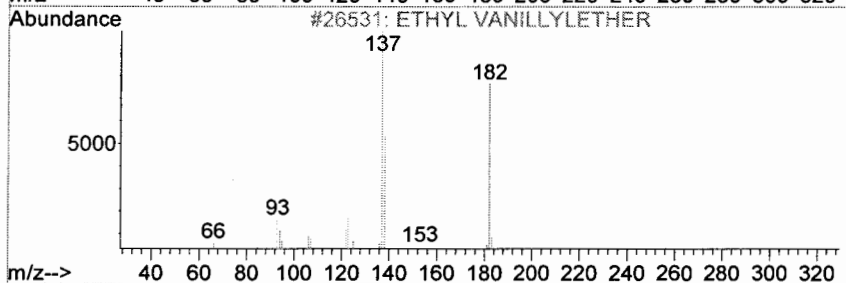
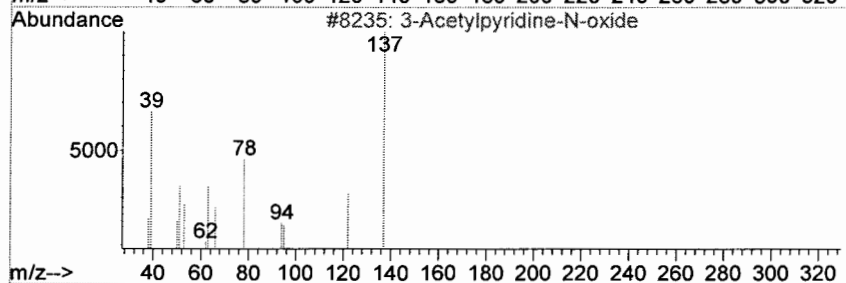
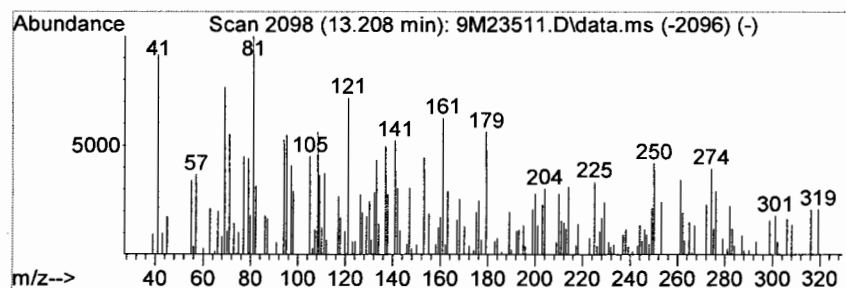
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 21 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	4.19 ng	24806	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Acetylpyridine-N-oxide	137	C7H7NO2	000000-00-0	35
2			ETHYL VANILLYLETHER	182	C10H14O3	000000-00-0	35
3			9,9'-BIS-9-BORA-9-DEUTEROBICYCLO...	244	C16H28D2B2	000000-00-0	15
4			2-Bromo-benzo(b)thiophene-1,1-di...	244	C8H5BrO2S	005350-05-0	14
5			1-N-UNDECYL-DECAHYDRONAPHTHALENE	292	C21H40	000000-00-0	14



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

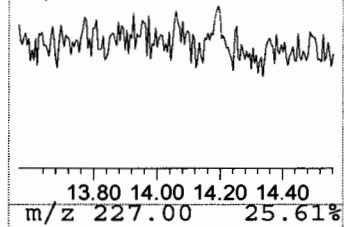
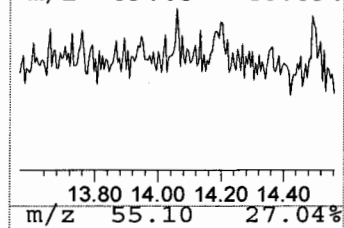
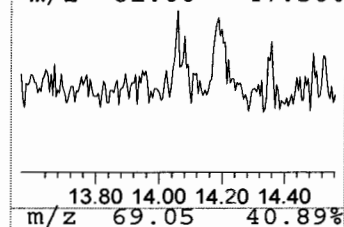
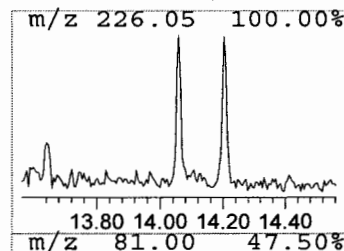
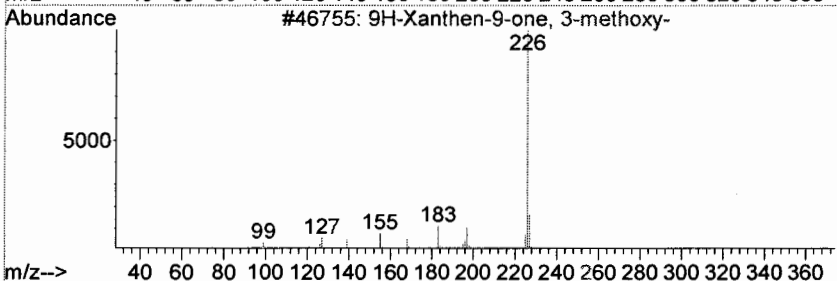
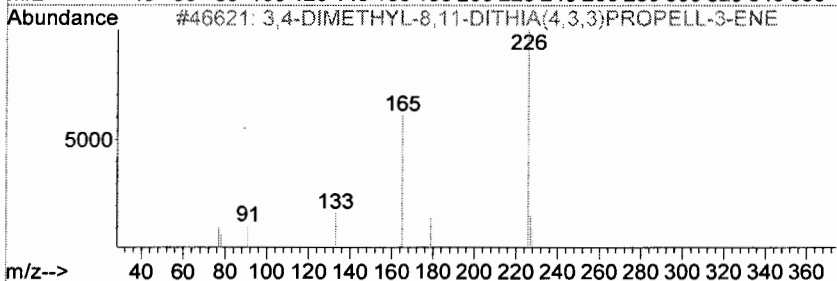
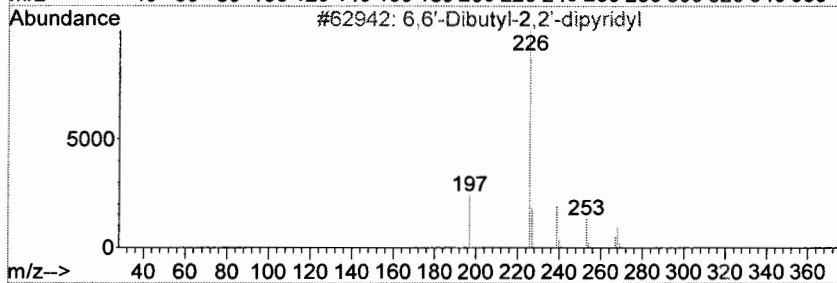
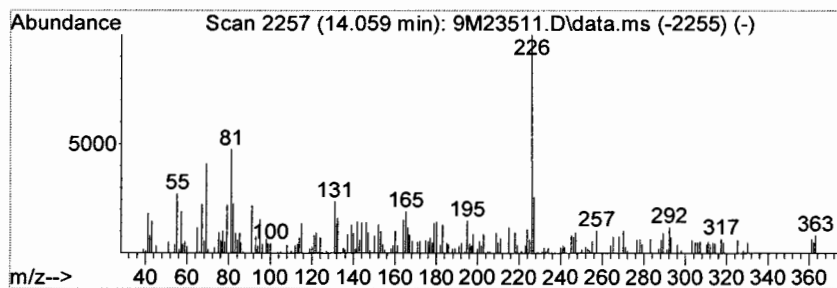
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 22 unknown Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	5.74 ng	33973	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6,6'-Dibutyl-2,2'-dipyridyl	268	C18H24N2	061633-07-6	38
2			3,4-DIMETHYL-8,11-DITHIA(4,3,3)P...	226	C12H18S2	058634-42-7	35
3			9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	35
4			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	35
5			4-HYDROXY-5-METHOXY-3-NITROPHENY...	226	C8H6N2O4S	000000-00-0	35



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

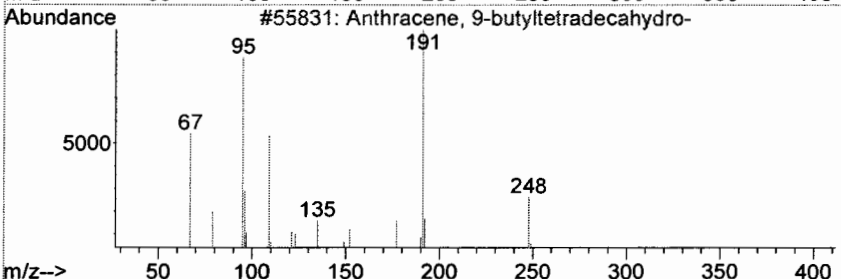
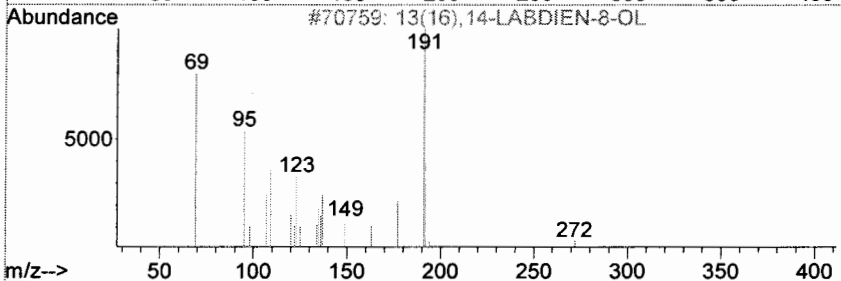
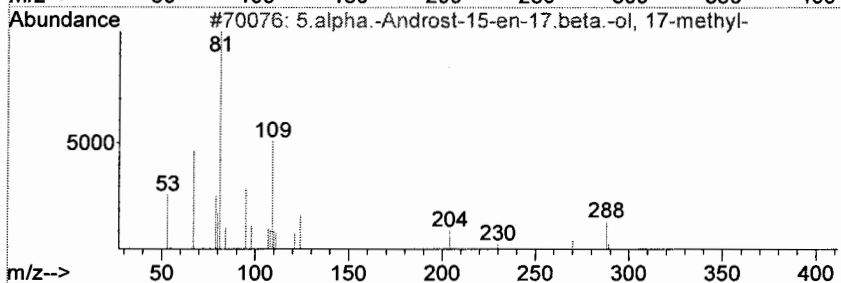
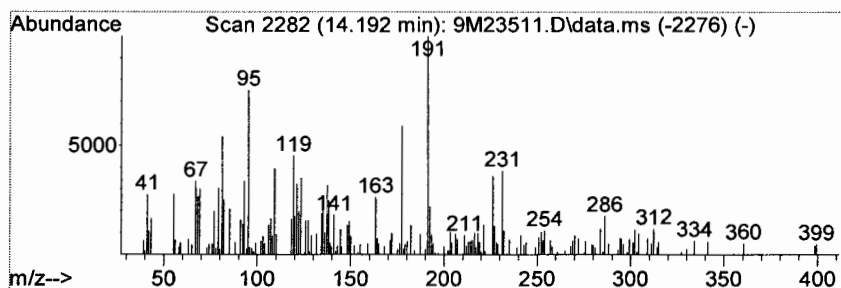
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TIC Library : G:\GCMSDATA\WILEY138.L
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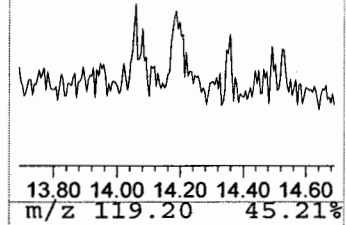
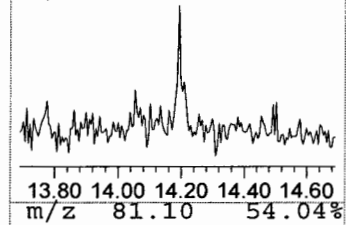
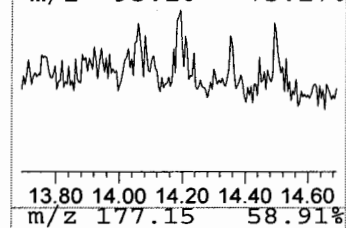
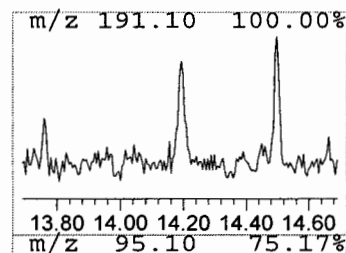
Peak Number 23 unknown Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	7.40 ng	43813	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.alpha.-Androst-15-en-17.beta.-...			288	C20H32O	013864-65-8	47
2	13(16),14-LABDIEN-8-OL			290	C20H34O	000000-00-0	43
3	Anthracene, 9-butyltetradecahydro-			248	C18H32	055133-89-6	38
4	1,1,3,3-TETRAMETHYL-1,3-DISILAINDAN			206	C11H18Si2	054113-93-8	38
5	PYRROLO(3,2,1-JK) CARBAZOLE			191	C14H9N	000000-00-0	38



9M_0301.M Thu Mar 04 18:05:31 2010 RPT1



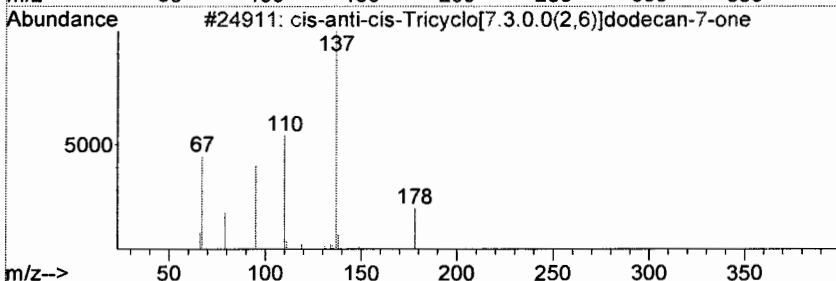
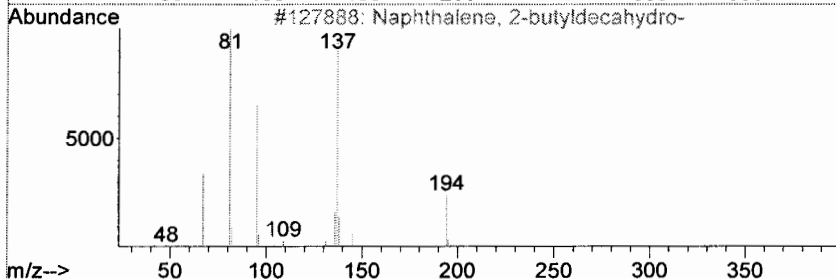
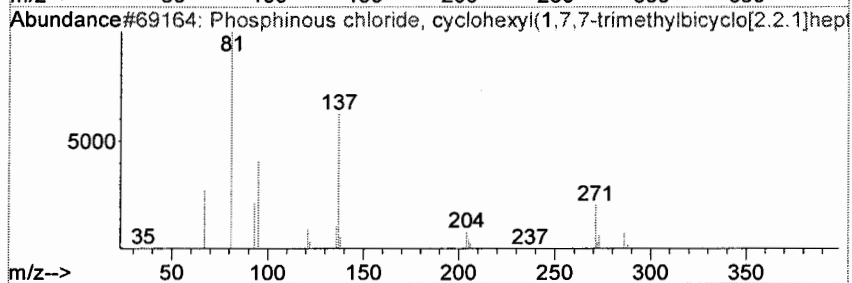
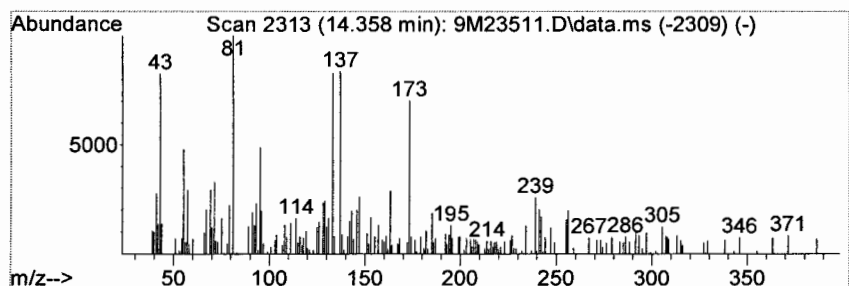
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Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

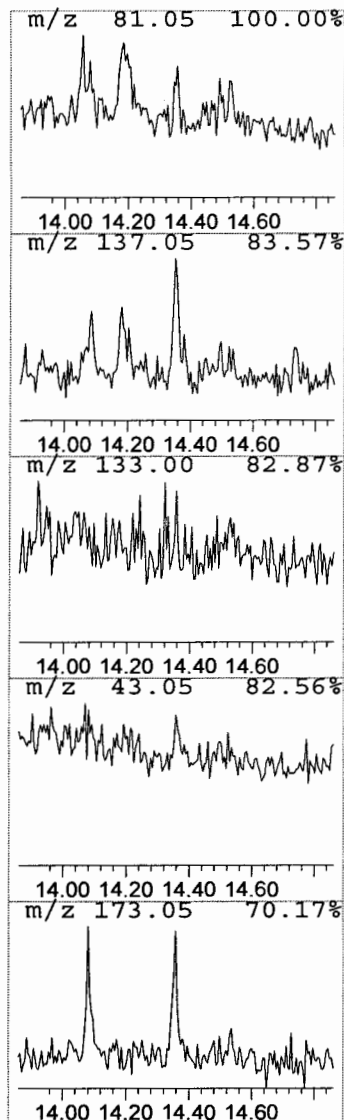
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TIC Integration Parameters: LSCINT.P

Peak Number 24 Phosphinous chloride, cyclo... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.36	5.95 ng	35204	LibIS-Perylene-d12		13.65		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphinous chloride, cyclohexyl...	286	C16H28ClP	074630-28-7	64
2			Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	22
3			cis-anti-cis-Tricyclo[7.3.0.0(2,...	178	C12H18O	073306-76-0	14
4			BICYCLO[3.3.1]NON-1-BROMO-3-ONE	216	C9H13BrO	066077-98-3	14
5			5-PHENYLSELENO-4-KETOPERHYDROAZU...	308	C16H20OSe	085283-23-4	12



9M_0301.M Thu Mar 04 18:05:33 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

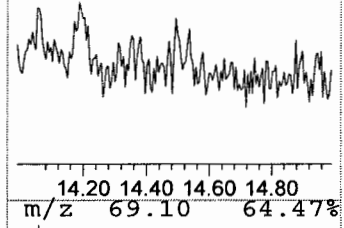
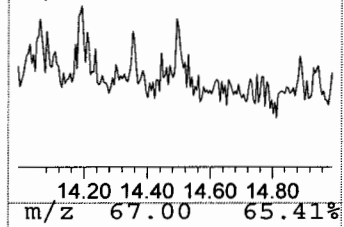
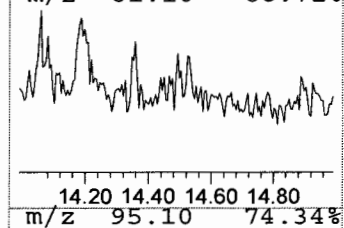
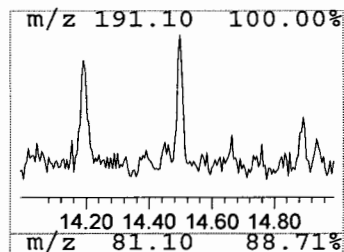
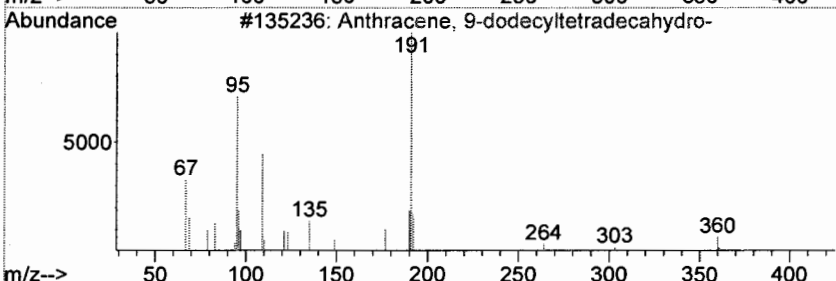
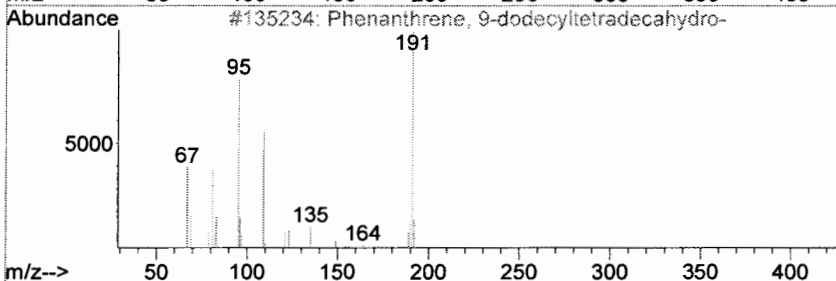
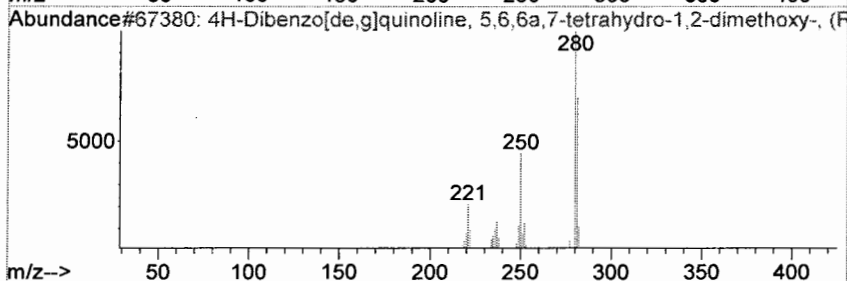
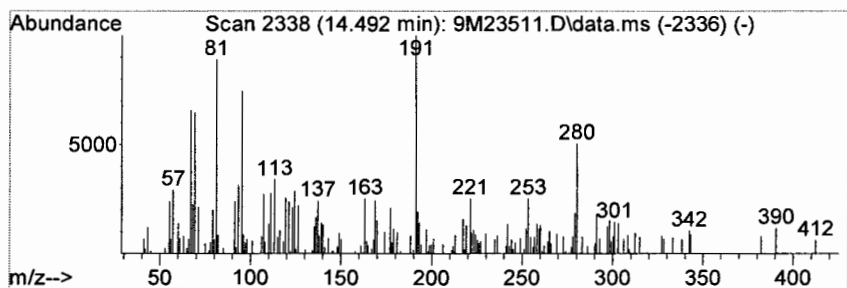
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 25 unknown Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	5.11 ng	30234	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Dibenzo[de,g]quinoline, 5,6,6...	281	C18H19NO2	004846-19-9	35
2			Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	32
3			Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	32
4			ETHYL-5-METHYLENE-1.BETA.,2.BETA...	278	C18H30O2	000000-00-0	17
5			5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	14



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
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Operator : AHD
Sample : AC50034-004(2X)
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ALS Vial : 14 Sample Multiplier: 1

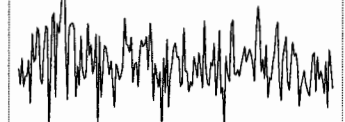
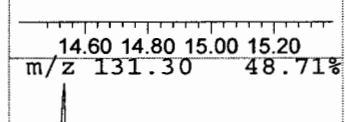
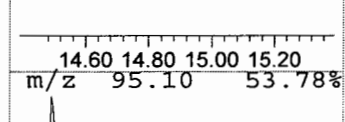
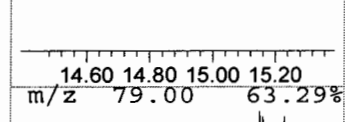
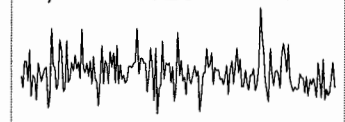
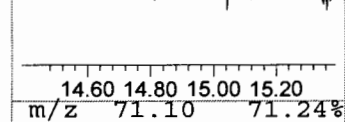
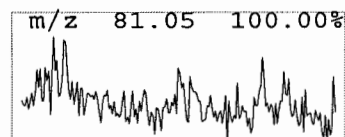
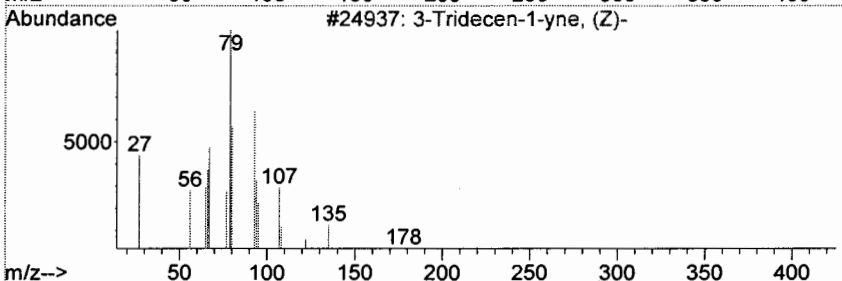
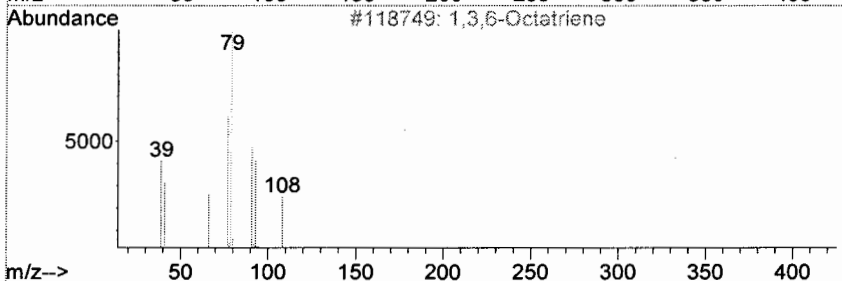
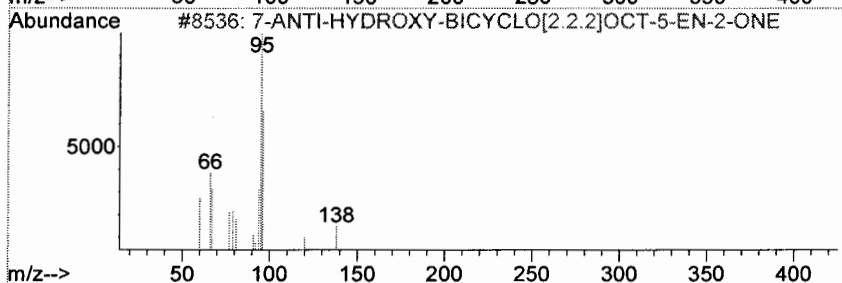
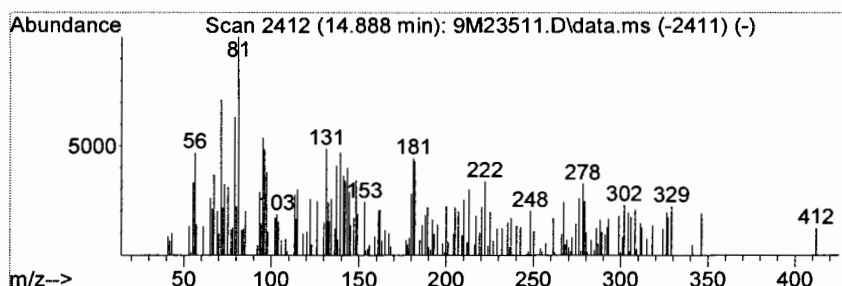
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 26 unknown Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.55 ng	32842	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-ANTI-HYDROXY-BICYCLO[2.2.2]OCT...	138	C8H10O2	000000-00-0	18
2			1,3,6-Octatriene	108	C8H12	000929-20-4	14
3			3-Tridecen-1-yne, (Z)-	178	C13H22	037981-62-7	14
4			1-Dodecen-3-yne	164	C12H20	074744-36-8	14
5			Bicyclo[3.2.1]octan-2-ol, exo-	126	C8H14O	001965-38-4	14



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004(2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

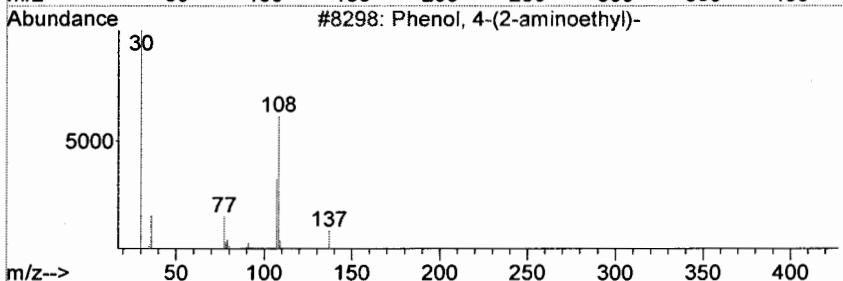
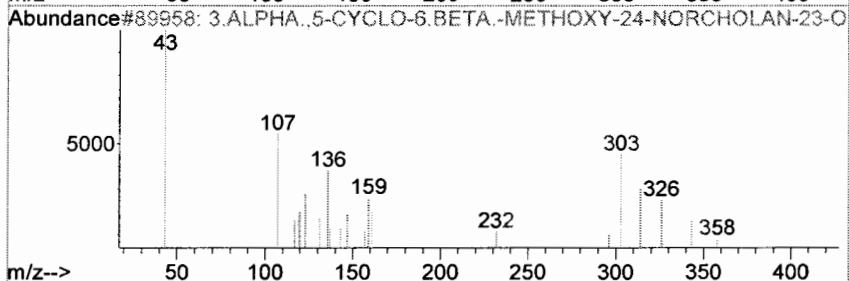
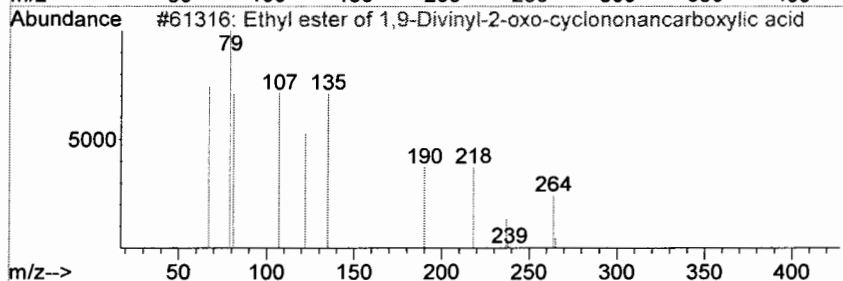
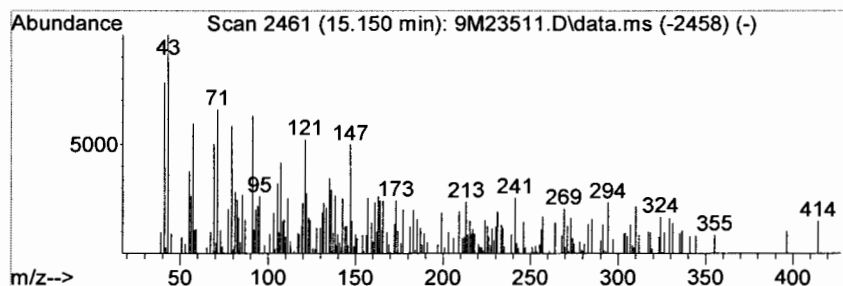
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TIC Integration Parameters: LSCINT.P

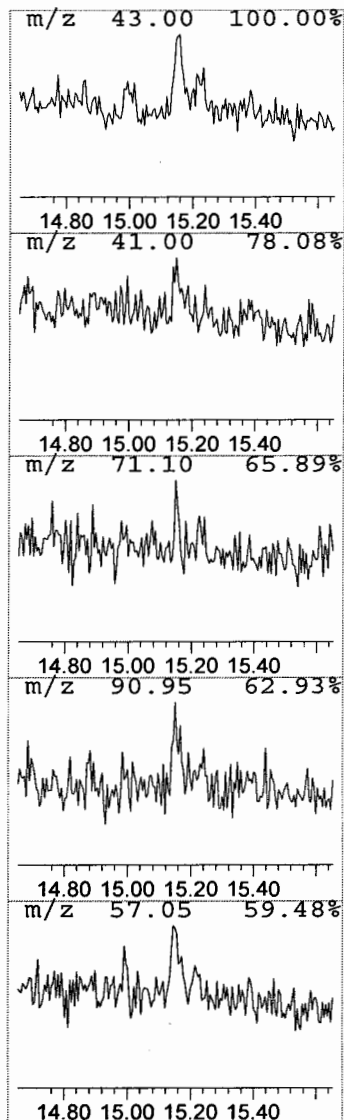
Peak Number 27 unknown Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	8.26 ng	48907	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl ester of 1,9-Divinyl-2-oxo...	264	C16H24O3	073392-85-5	11
2			3.ALPHA.,5-CYCLO-6.BETA.-METHOXY...	358	C24H38O2	073583-09-2	10
3			Phenol, 4-(2-aminoethyl)-	137	C8H11NO	000051-67-2	9
4			2-(2-METHYLPHENOXY)-1-CHLOROMETH...	256	C13H17ClO3	000000-00-0	9
5			10-(4-Penten-2-on-1-yl)-4-phenyl...	323	C18H17N3O3	087973-96-4	9



9M_0301.M Thu Mar 04 18:05:39 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23511.D
Acq On : 2 Mar 2010 13:37
Operator : AHD
Sample : AC50034-004 (2X)
Misc : S,BNA:2
ALS Vial : 14 Sample Multiplier: 1

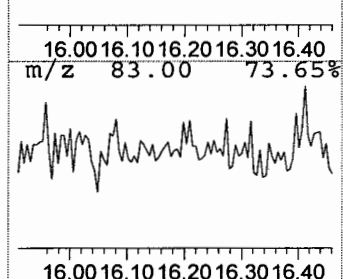
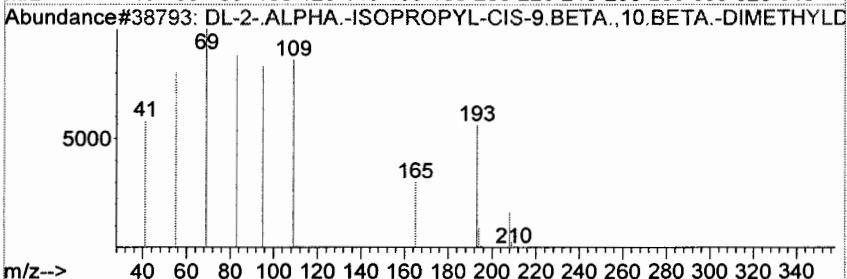
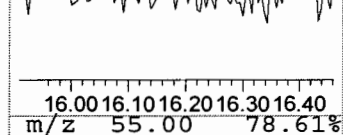
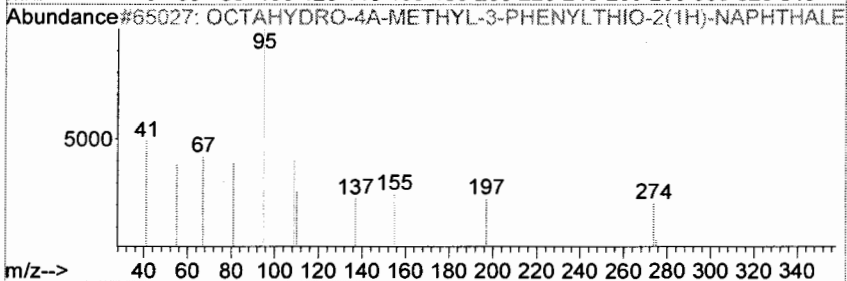
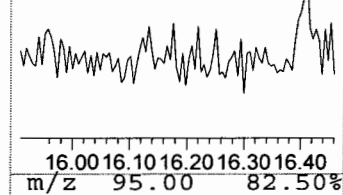
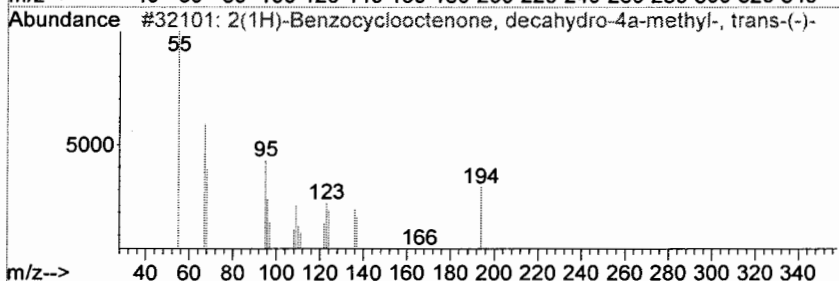
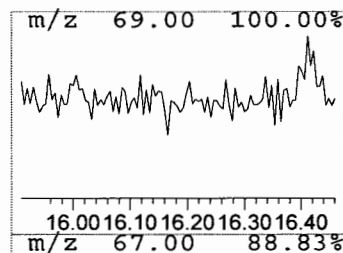
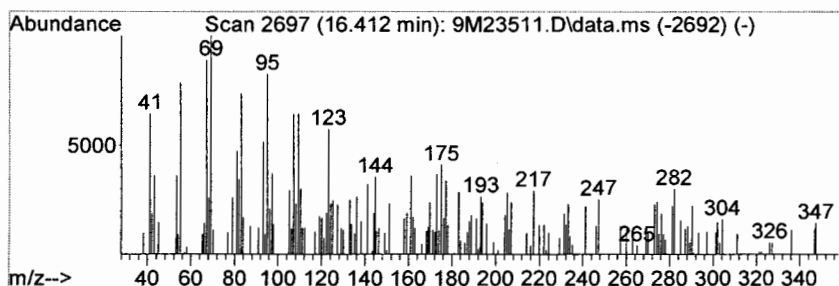
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 28 unknown Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	8.59 ng	50854	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	25	
2	OCTAHYDRO-4A-METHYL-3-PHENYLTHIO...	274	C17H22OS	060774-48-3	22		
3	DL-2-.ALPHA.-ISOPROPYL-CIS-9.BET...	208	C15H28	029863-82-9	14		
4	4.alpha.,15-Dihydroxy-11-epitric...	250	C15H22O3	082916-70-9	14		
5	(+)-[2-.alpha.(Z),3a-.beta.,7a-...	316	C14H21BrO3	076215-56-0	14		



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23511.D
 Acq On : 2 Mar 2010 13:37
 Operator : AHD
 Sample : AC50034-004(2X)
 Misc : S,BNA:2
 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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.90	5.6	ng	21911	1	5.26	5.26	155603	40.0
unknown	3.27	9.3	ng	36254	1	5.26	5.26	155603	40.0
2-Pentanone, 4-hy...	3.67	1736.7	ng	6755924	1	5.26	5.26	155603	40.0
Cyclohexene, 1-me...	4.62	10.2	ng	39526	1	5.26	5.26	155603	40.0
Benzaldehyde, 3,5...	9.69	4.8	ng	36601	4	9.03	9.03	305114	40.0
unknown	9.83	6.9	ng	52731	4	9.03	9.03	305114	40.0
unknown	10.07	7.3	ng	55554	4	9.03	9.03	305114	40.0
unknown	10.18	5.0	ng	38243	4	9.03	9.03	305114	40.0
10-Methoxybenz[a]...	10.44	140.7	ng	1073527	4	9.03	9.03	305114	40.0
Phenanthrene, 2,3...	10.71	6.1	ng	37626	5	12.05	12.05	245324	40.0
unknown	10.79	4.7	ng	29017	5	12.05	12.05	245324	40.0
Phenanthrene, 2,4...	10.97	15.4	ng	94644	5	12.05	12.05	245324	40.0
Pyrene, 1-methyl-	11.13	10.8	ng	65932	5	12.05	12.05	245324	40.0
Pyrene, 4-methyl-	11.24	6.9	ng	42511	5	12.05	12.05	245324	40.0
unknown	11.28	13.6	ng	83337	5	12.05	12.05	245324	40.0
unknown	11.33	6.6	ng	40428	5	12.05	12.05	245324	40.0
Pyrene, 1,3-dimet...	11.87	4.9	ng	30141	5	12.05	12.05	245324	40.0
unknown	11.98	4.5	ng	27784	5	12.05	12.05	245324	40.0
unknown	12.12	4.4	ng	27014	5	12.05	12.05	245324	40.0
unknown	12.17	6.4	ng	39361	5	12.05	12.05	245324	40.0
unknown	13.21	4.2	ng	24806	6	13.65	13.65	236785	40.0
unknown	14.06	5.7	ng	33973	6	13.65	13.65	236785	40.0
unknown	14.19	7.4	ng	43813	6	13.65	13.65	236785	40.0
Phosphinous chlor...	14.36	5.9	ng	35204	6	13.65	13.65	236785	40.0
unknown	14.49	5.1	ng	30234	6	13.65	13.65	236785	40.0
unknown	14.89	5.5	ng	32842	6	13.65	13.65	236785	40.0
unknown	15.15	8.3	ng	48907	6	13.65	13.65	236785	40.0
unknown	16.41	8.6	ng	50854	6	13.65	13.65	236785	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-005(2X)

Client Id: PI01-TP-RAQ2022210S01

Data File: 9M23512.D

Analysis Date: 03/02/10 13:59

Date Rec/Extracted: 02/25/10-03/01/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 81

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.59
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	U
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.82	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.82	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.60
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	U	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3&4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.58
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	U
534-52-1	4,6-Dinitro-2-methylphenol	0.82	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.82	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	0.29
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	U
83-32-9	Acenaphthene	0.16	U	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.18	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benzidine	0.82	U	87-86-5	Pentachlorophenol	0.82	U
56-55-3	Benzo[a]anthracene	0.16	0.44	85-01-8	Phenanthrene	0.16	0.36
50-32-8	Benzo[a]pyrene	0.16	0.52	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.60	129-00-0	Pyrene	0.16	1.3

Worksheet #: 144328

Total Target Concentration 5.5

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-005(2X)	Matrix: Soil
Client Id: PI01-TP-RAQ2022210S	Initial Vol: 30g
Data File: 9M23512.D	Final Vol: 1ml
Analysis Date: 03/02/10 13:59	Dilution: 2
Date Rec/Extracted: 02/25/10-03/01/10	Solids: 81
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.91	0.49 JAB
2		unknown	3.27	0.68 JB
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	140 JAB
4	2027-17-0	Naphthalene, 2-(1-methylethyl)-	7.73	0.49 J
5	3041-81-4	Benzene, 1-fluoro-3-(2-phenylethenyl)-,	9.38	0.52 J
6		unknown	9.69	0.54 J
7	31613-04-4	3,6-Dimethyldibenzothiophene	9.83	0.56 J
8		unknown	10.08	0.62 J
9	38647-26-6	(+)-3,3,7-Trimethyltricyclo[5.4.0.0(2,9	10.20	1.0 J
10		unknown	10.22	0.58 J
11	781-43-1	Anthracene, 9,10-dimethyl-	10.29	0.55 J
12	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.43	1.2 J
13	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	0.70 J
14	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	1.2 J
15		unknown	10.97	0.55 J
16	2381-21-7	Pyrene, 1-methyl-	11.14	0.81 J
17	2381-21-7	Pyrene, 1-methyl-	11.24	1.0 J
18	2381-21-7	Pyrene, 1-methyl-	11.28	0.97 J
19	2091-92-1	5,6-DIHYDROCHRYSENE	11.74	0.51 J
20	2091-92-1	5,6-DIHYDROCHRYSENE	11.87	0.50 J
21	74199-63-6	2,2'-DIAMINO-5,5'-DIMETHOXYBIPHE	12.17	0.65 J
22		unknown	12.56	0.58 J
23		unknown	13.95	0.62 J
24		unknown	14.19	1.1 J
25	879-52-7	2-Thiazolemethanol, .alpha.-phenyl-	14.50	1.1 J

Worksheet #: 144328

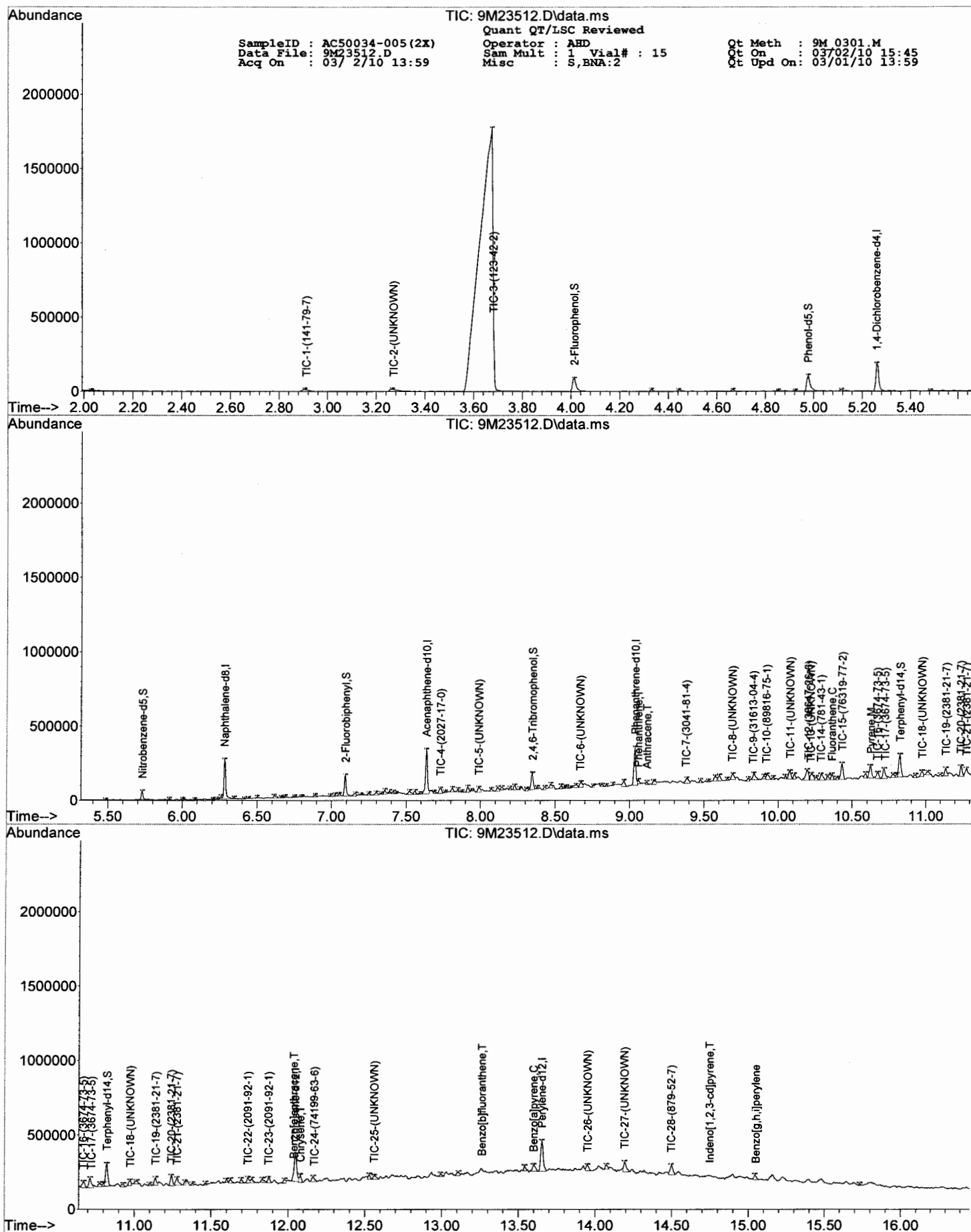
Total Tentatively Identified Concentration 160*A - Indicates an aldol condensate.**J - Indicates an estimated value.**B - Indicates the analyte was found in the blank as well as in the sample.*

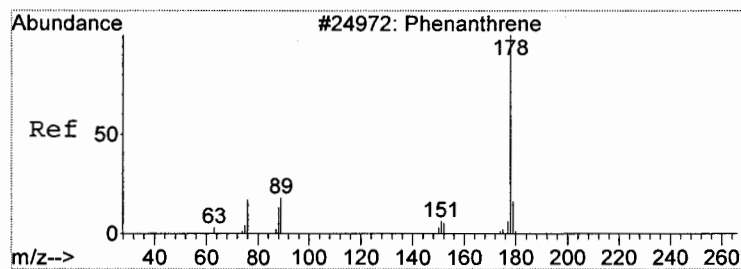
SampleID : AC50034-005(2X) Operator : AHD Qt Meth : 9M 0301.M
 Data File: 9M23512.D Sam Mult : 1 Vial# : 15 Qt On : 03/02/10 15:45
 Acq On : 03/ 2/10 13:59 Misc : S,BNA:2 Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	5.260	152	24234	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	91166	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	52382	40.00	ng	-0.01
73) Phenanthrene-d10	9.036	188	81759	40.00	ng	0.00
87) Chrysene-d12	12.048	240	63106	40.00	ng	-0.01
102) Perylene-d12	13.652	264	70599	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	27293	41.89	ng	0.00
Spiked Amount 100.000			Recovery =	41.89%		
15) Phenol-d5	4.977	99	35005	41.20	ng	0.00
Spiked Amount 100.000			Recovery =	41.20%		
30) Nitrobenzene-d5	5.731	128	7655	20.03	ng	0.00
Spiked Amount 50.000			Recovery =	40.06%		
52) 2-Fluorobiphenyl	7.095	172	39179	21.86	ng	0.00
Spiked Amount 50.000			Recovery =	43.72%		
76) 2,4,6-Tribromophenol	8.346	330	7221	47.51	ng	-0.01
Spiked Amount 100.000			Recovery =	47.51%		
90) Terphenyl-d14	10.823	244	41397	22.86	ng	0.00
Spiked Amount 50.000			Recovery =	45.72%		
Target Compounds						
82) Phenanthrene	9.058	178	10504	4.41	ng	96
83) Anthracene	9.117	178	5226	2.14	ng	94
86) Fluoranthene	10.363	202	18405	7.10	ng	88
88) Pyrene	10.625	202	39598	15.59	ng	82
99) Benzo[a]anthracene	12.037	228	12384	5.40	ng	79
100) Chrysene	12.080	228	15904	7.25	ng	74
104) Benzo[b]fluoranthene	13.262	252	17032m	7.23	ng	
106) Benzo[a]pyrene	13.599	252	13763	6.26	ng	89
107) Indeno[1,2,3-cd]pyrene	14.749	276	7933	3.58	ng	84
109) Benzo[g,h,i]perylene	15.048	276	13884	7.20	ng	86
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.260		159968	40.00	ng	--
2) Naphthalene-d8	6.282		247894	40.00	ng	--
3) Acenaphthene-d10	7.635		310283	40.00	ng	--
4) Phenanthrene-d10	9.036		319322	40.00	ng	--
5) Chrysene-d12	12.048		226075	40.00	ng	--
6) Perylene-d12	13.652		244144	40.00	ng	--
Library Search Compounds						
1) 141-79-7	2.910		23701	5.93	ng	90
2) UNKNOWN	3.270		33274	8.32	ng	--
3) 123-42-2	3.680		6619737	1655.27	ng	64
4) 2027-17-0	7.730		46463	5.99	ng	87
5) UNKNOWN	7.990		41410	5.34	ng	--
6) UNKNOWN	8.670		46018	5.76	ng	--
7) 3041-81-4	9.380		50787	6.36	ng	64
8) UNKNOWN	9.690		52567	6.58	ng	--
9) 31613-04-4	9.830		54615	6.84	ng	72
10) 89816-75-1	9.920		43391	5.44	ng	64
11) UNKNOWN	10.080		60357	7.56	ng	--
12) 38647-26-6	10.200		99361	12.45	ng	94
13) UNKNOWN	10.220		56269	7.05	ng	--
14) 781-43-1	10.290		53046	6.64	ng	76
15) 76319-77-2	10.430		113985	14.28	ng	64
16) 3674-73-5	10.670		47768	8.45	ng	90
17) 3674-73-5	10.720		79361	14.04	ng	93
18) UNKNOWN	10.970		37655	6.66	ng	--
19) 2381-21-7	11.140		55833	9.88	ng	90
20) 2381-21-7	11.240		72078	12.75	ng	90
21) 2381-21-7	11.280		66555	11.78	ng	90
22) 2091-92-1	11.740		35054	6.20	ng	70
23) 2091-92-1	11.870		34644	6.13	ng	64
24) 74199-63-6	12.170		44549	7.88	ng	49
25) UNKNOWN	12.560		39709	7.03	ng	--
26) UNKNOWN	13.950		46024	7.54	ng	--
27) UNKNOWN	14.190		83984	13.76	ng	--
28) 879-52-7	14.500		81818	13.40	ng	53

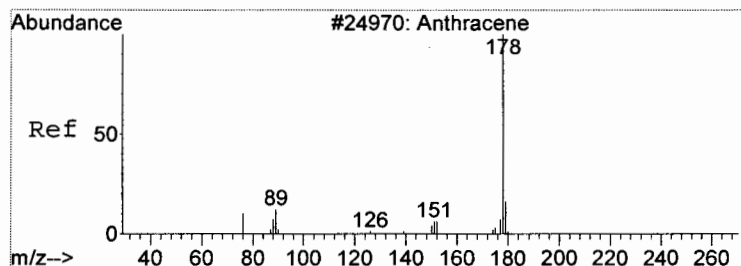
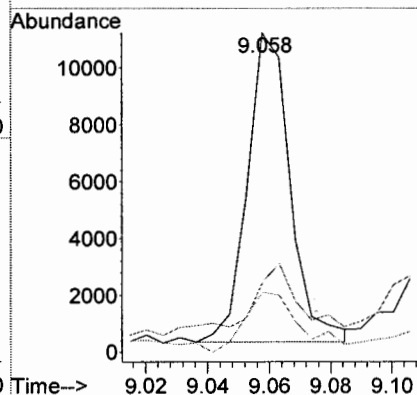
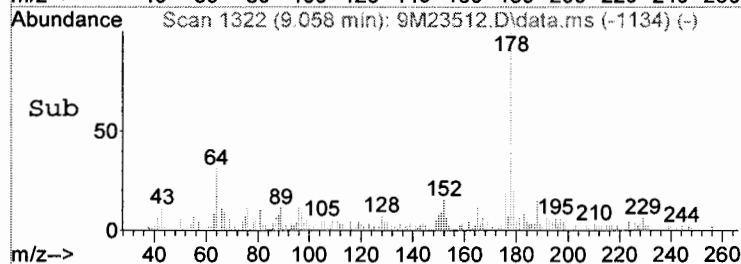
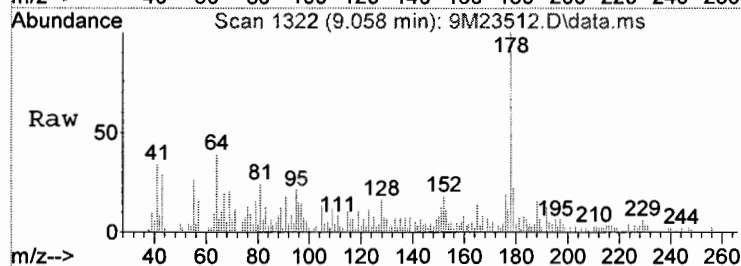
(#) = qualifier out of range (m) = manual integration (+) = signals summed





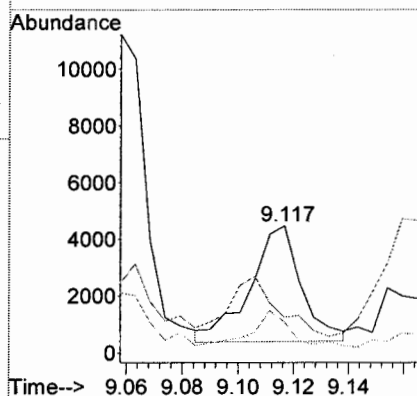
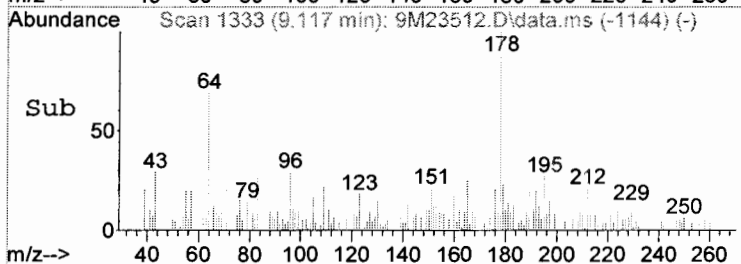
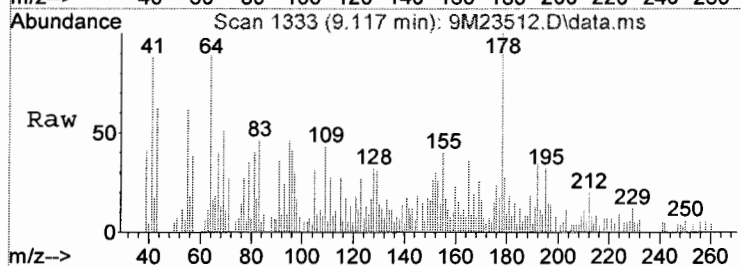
#82
Phenanthrene
Concen: 4.41 ng
RT: 9.058 min Scan# 1322
Delta R.T. -0.011 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

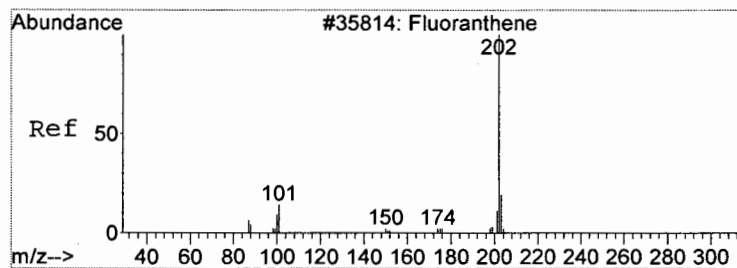
Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.4	0.0	55.5
176	16.9	0.0	59.3



#83
Anthracene
Concen: 2.14 ng
RT: 9.117 min Scan# 1333
Delta R.T. -0.005 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

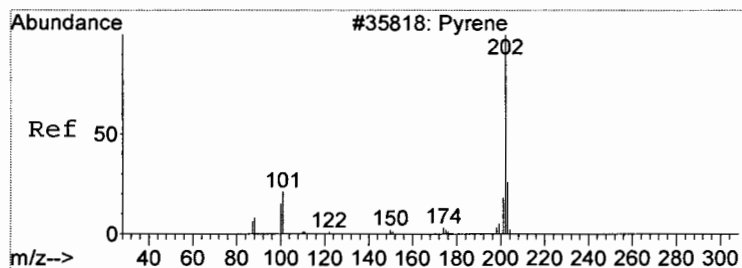
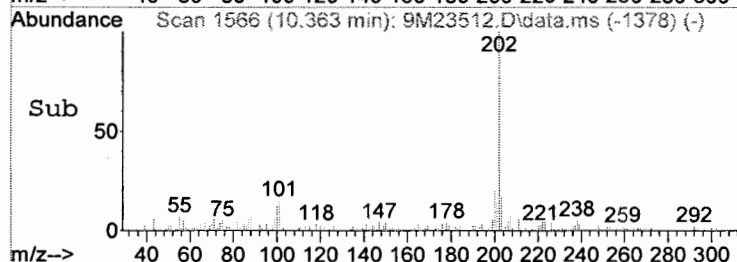
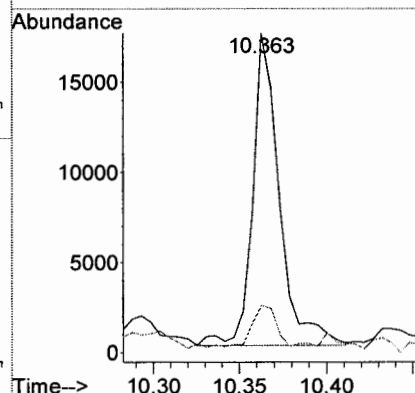
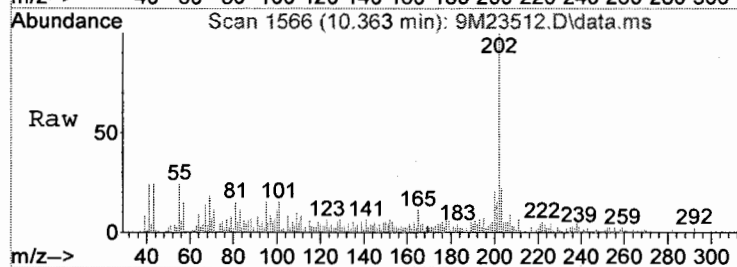
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	0.0	55.2
176	22.6	0.0	58.1





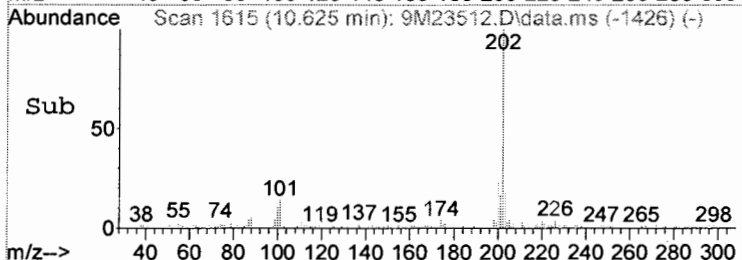
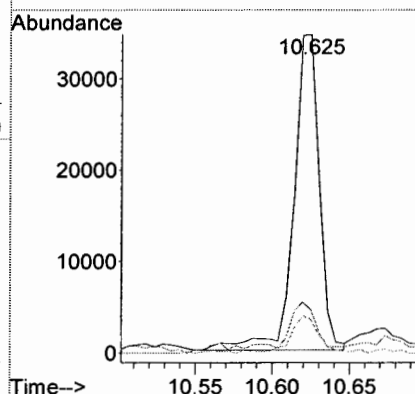
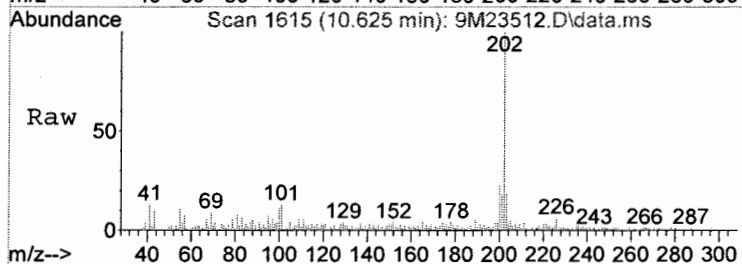
#86
Fluoranthene
Concen: 7.10 ng
RT: 10.363 min Scan# 1566
Delta R.T. -0.011 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

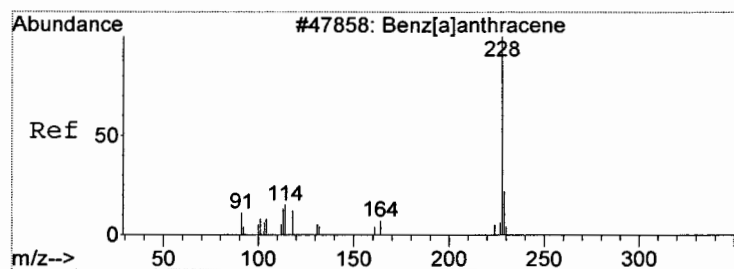
Tgt Ion: 202 Resp: 18405
Ion Ratio Lower Upper
202 100
101 12.3 0.0 57.6



#88
Pyrene
Concen: 15.59 ng
RT: 10.625 min Scan# 1615
Delta R.T. -0.005 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

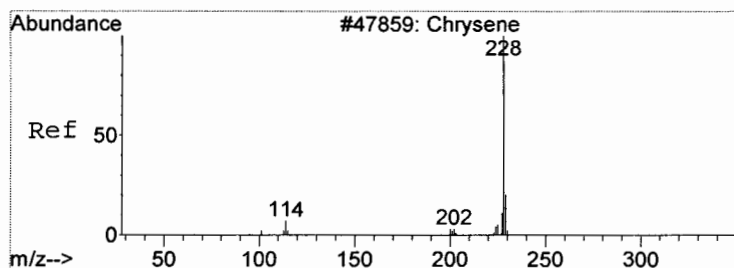
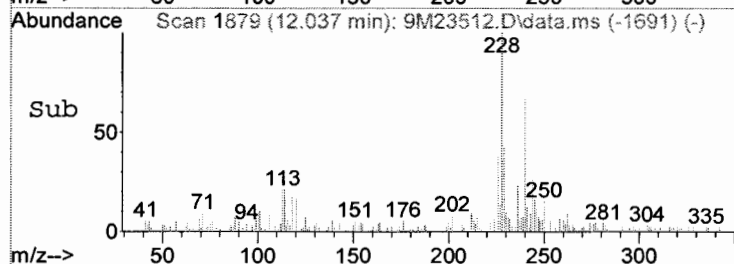
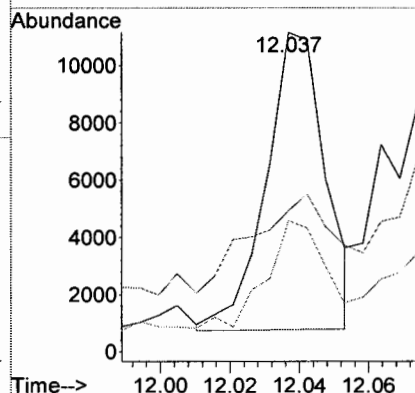
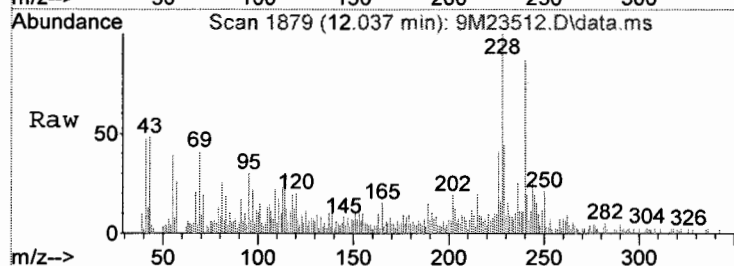
Tgt Ion: 202 Resp: 39598
Ion Ratio Lower Upper
202 100
101 12.8 0.0 62.2
100 10.7 0.0 57.8





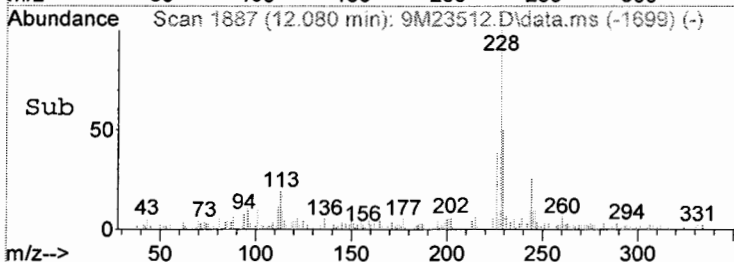
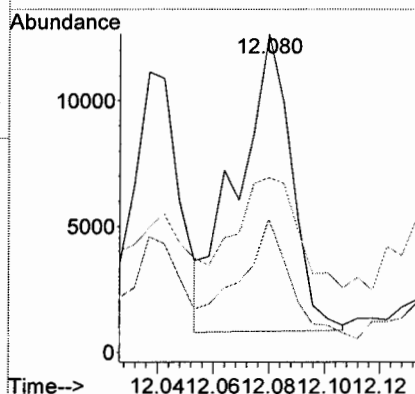
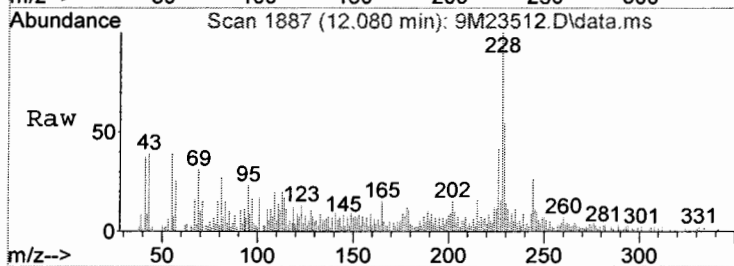
#99
Benzo[a]anthracene
Concen: 5.40 ng
RT: 12.037 min Scan# 1879
Delta R.T. -0.011 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

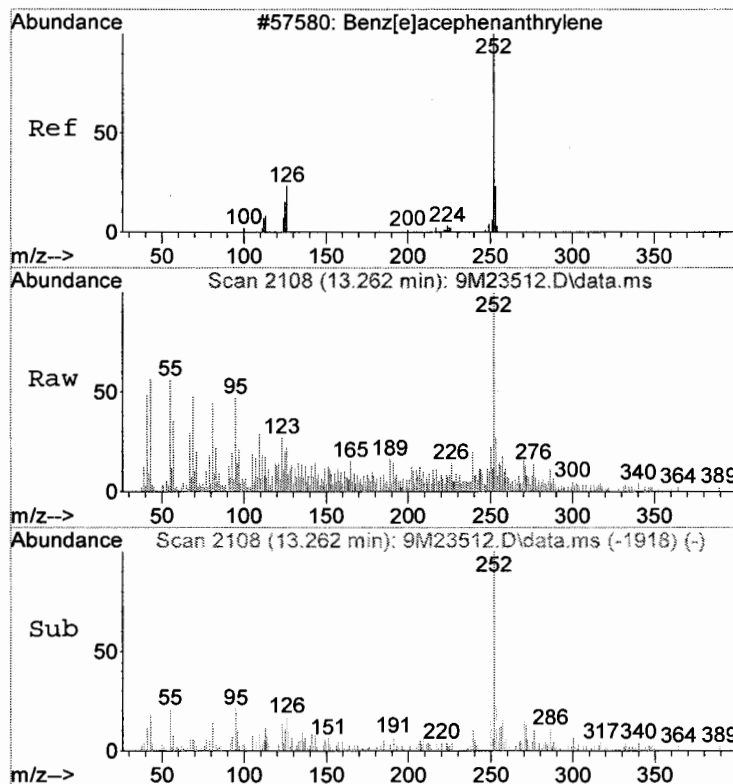
Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.3	0.0	59.5
226	36.9	0.0	66.0



#100
Chrysene
Concen: 7.25 ng
RT: 12.080 min Scan# 1887
Delta R.T. -0.011 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

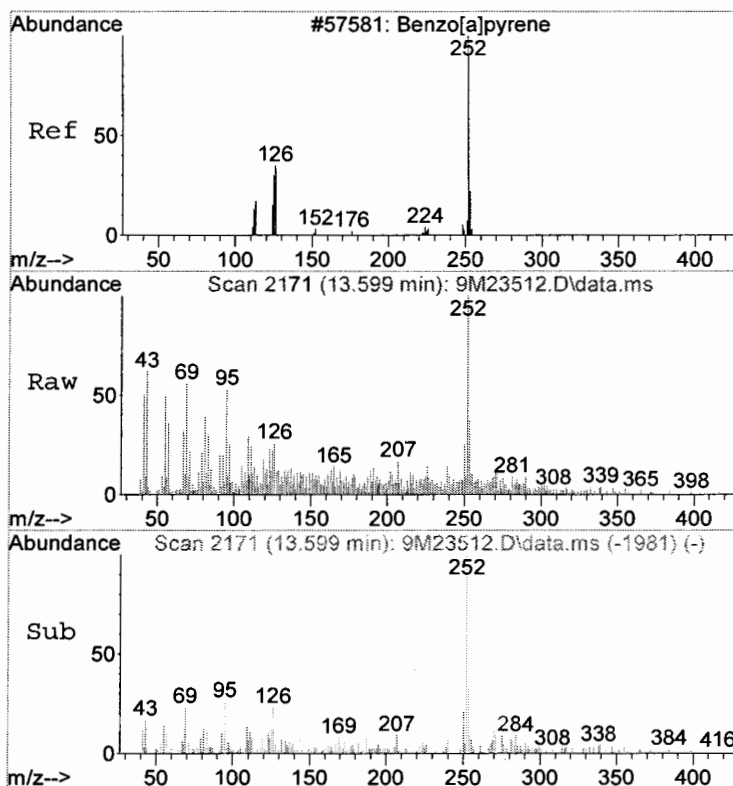
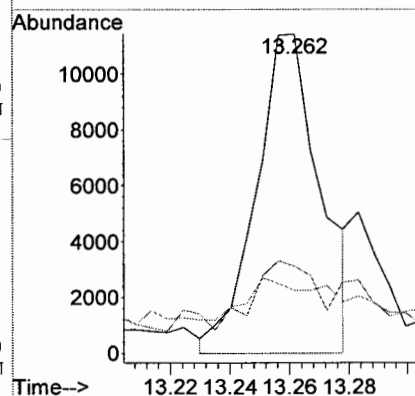
Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.1	9.5	49.5
229	37.8	0.0	60.2





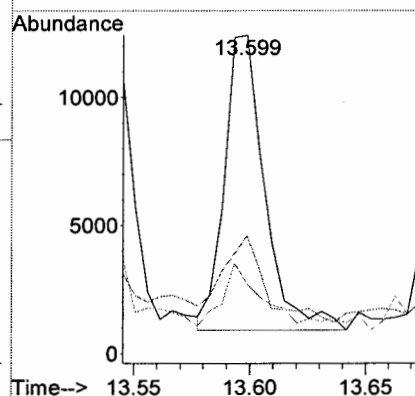
#104
Benzo[b]fluoranthene
Concen: 7.23 ng m
RT: 13.262 min Scan# 2108
Delta R.T. 0.000 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

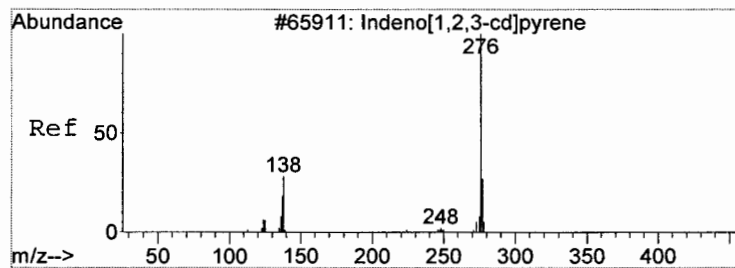
Tgt Ion: 252 Resp: 17032
Ion Ratio Lower Upper
252 100
253 27.2 0.0 62.3
125 19.7 0.0 58.4



#106
Benzo[a]pyrene
Concen: 6.26 ng
RT: 13.599 min Scan# 2171
Delta R.T. 0.000 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

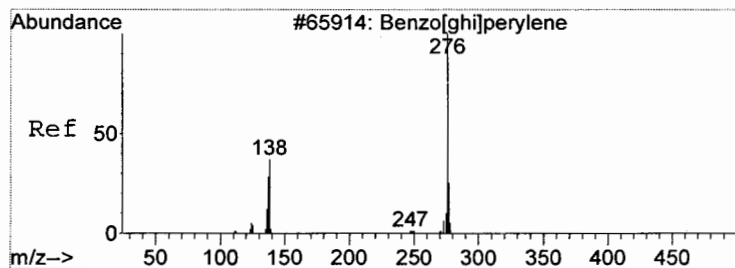
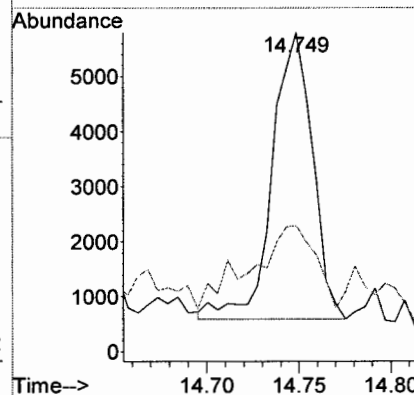
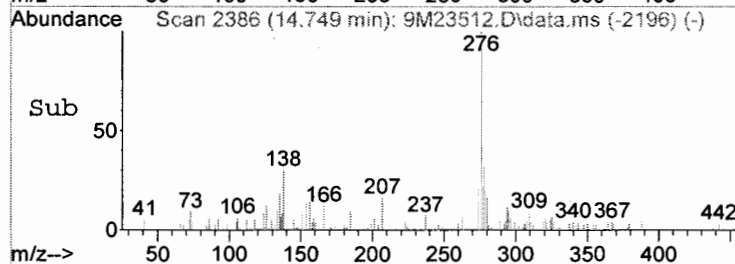
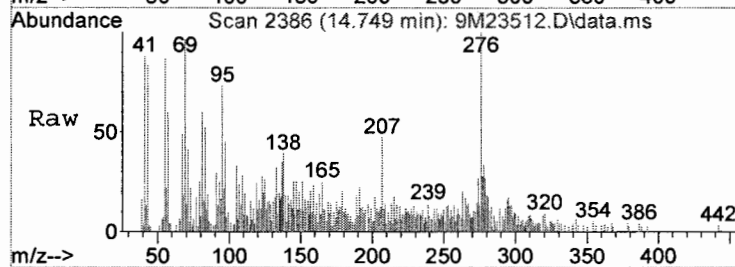
Tgt Ion: 252 Resp: 13763
Ion Ratio Lower Upper
252 100
253 26.4 0.0 62.4
125 14.3 0.0 60.9





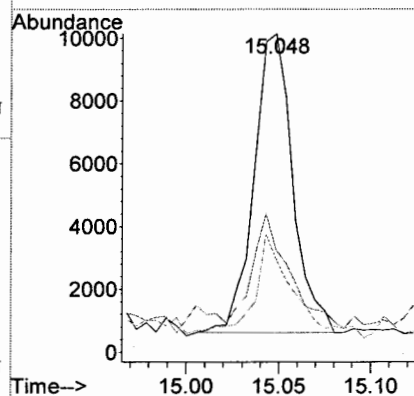
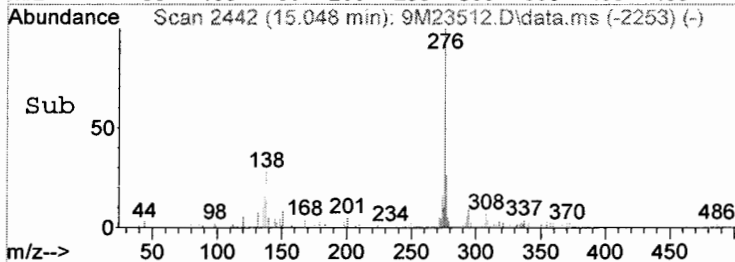
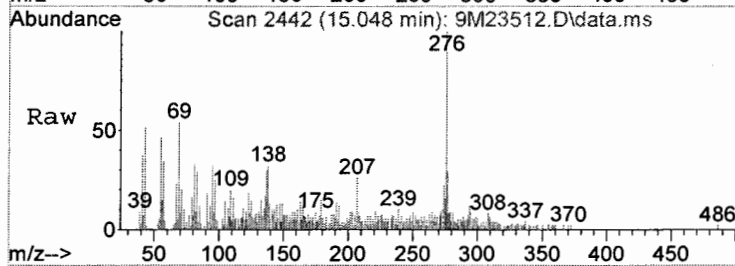
#107
Indeno[1,2,3-cd]pyrene
Concen: 3.58 ng
RT: 14.749 min Scan# 2386
Delta R.T. 0.000 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

Tgt Ion: 276 Resp: 7933
Ion Ratio Lower Upper
276 100
138 28.9 0.0 78.9



#109
Benzo[g,h,i]perylene
Concen: 7.20 ng
RT: 15.048 min Scan# 2442
Delta R.T. 0.000 min
Lab File: 9M23512.D
Acq: 2 Mar 2010 13:59

Tgt Ion: 276 Resp: 13884
Ion Ratio Lower Upper
276 100
138 38.0 0.0 140.0
277 35.7 0.0 120.0



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23512.D
 Acq On : 2 Mar 2010 13:59
 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.030	6	8	12	rVB4	4206	4968	0.08%	0.041%
2	2.907	167	172	180	rBV4	13121	23701	0.36%	0.195%
3	3.265	235	239	248	rBV4	14404	33274	0.50%	0.273%
4	3.677	294	316	319	rBV	1771939	6619737	100.00%	54.360%
5	4.014	375	379	385	rBV	86918	94005	1.42%	0.772%
6	4.330	435	438	445	rBV	12005	12263	0.19%	0.101%
7	4.442	457	459	468	rVB2	9584	11370	0.17%	0.093%
8	4.667	497	501	505	rVB	10552	10340	0.16%	0.085%
9	4.854	530	536	539	rBV3	5970	7026	0.11%	0.058%
10	4.923	545	549	552	rBV3	4292	4609	0.07%	0.038%
11	4.977	556	559	570	rBV	103348	103992	1.57%	0.854%
12	5.116	582	585	587	rBV	9728	8105	0.12%	0.067%
13	5.260	609	612	620	rVB	183673	159041	2.40%	1.306%
14	5.485	647	654	655	rBV4	4597	5410	0.08%	0.044%
15	5.731	697	700	706	rBV	55422	47071	0.71%	0.387%
16	5.913	732	734	738	rVB4	9535	7952	0.12%	0.065%
17	6.004	746	751	753	rBV4	8069	10268	0.16%	0.084%
18	6.084	764	766	770	rBV5	4976	6481	0.10%	0.053%
19	6.207	783	789	792	rBV6	5315	7823	0.12%	0.064%
20	6.234	792	794	796	rBV2	5505	4833	0.07%	0.040%
21	6.260	796	799	800	rVV	21672	14032	0.21%	0.115%
22	6.282	800	803	813	rVB	265406	229701	3.47%	1.886%
23	6.346	813	815	817	rBV2	10849	8104	0.12%	0.067%
24	6.416	825	828	829	rBV3	6212	5214	0.08%	0.043%
25	6.442	831	833	837	rVB4	6271	5259	0.08%	0.043%
26	6.501	841	844	848	rBV5	10350	9117	0.14%	0.075%
27	6.613	862	865	871	rVB7	16100	22405	0.34%	0.184%
28	6.662	871	874	877	rBV4	8090	9557	0.14%	0.078%
29	6.688	877	879	884	rVV5	9851	10569	0.16%	0.087%
30	6.753	886	891	895	rBV7	8181	13378	0.20%	0.110%
31	6.801	898	900	902	rBV3	5382	6147	0.09%	0.050%
32	6.892	913	917	920	rBV5	12221	14400	0.22%	0.118%
33	6.993	934	936	939	rVB3	9509	6941	0.10%	0.057%
34	7.025	939	942	943	rBV3	14322	9394	0.14%	0.077%
35	7.052	944	947	951	rVV5	14963	16104	0.24%	0.132%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23512.D
 Acq On : 2 Mar 2010 13:59
 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	7.095	951	955	962	rVB	138912	125081	1.89%	1.027%
37	7.159	962	967	969	rBV5	17422	23474	0.35%	0.193%
38	7.196	969	974	981	rBV10	7125	16154	0.24%	0.133%
39	7.250	981	984	988	rVB6	14844	17153	0.26%	0.141%
40	7.298	988	993	997	rBV7	18661	27552	0.42%	0.226%
41	7.336	997	1000	1001	rBV3	7408	6379	0.10%	0.052%
42	7.357	1001	1004	1007	rBV	31253	28701	0.43%	0.236%
43	7.389	1007	1010	1012	rVB4	17422	14164	0.21%	0.116%
44	7.416	1012	1015	1017	rVB3	15855	11246	0.17%	0.092%
45	7.432	1017	1018	1020	rBV2	5811	4806	0.07%	0.039%
46	7.523	1030	1035	1039	rBV6	24187	33106	0.50%	0.272%
47	7.560	1039	1042	1044	rVB4	22952	19891	0.30%	0.163%
48	7.592	1044	1048	1049	rBV4	8695	7464	0.11%	0.061%
49	7.635	1050	1056	1060	rBV	297715	275873	4.17%	2.265%
50	7.689	1065	1066	1070	rVB4	13634	13384	0.20%	0.110%
51	7.731	1070	1074	1077	rBV4	33701	46463	0.70%	0.382%
52	7.763	1077	1080	1082	rBV4	9489	9905	0.15%	0.081%
53	7.812	1085	1089	1092	rBV3	27466	26104	0.39%	0.214%
54	7.849	1094	1096	1098	rVB	20235	10986	0.17%	0.090%
55	7.876	1098	1101	1105	rVB6	6936	8549	0.13%	0.070%
56	7.913	1105	1108	1111	rBV2	36917	33564	0.51%	0.276%
57	7.940	1111	1113	1115	rBV3	8866	8883	0.13%	0.073%
58	7.988	1118	1122	1125	rBV5	31358	41410	0.63%	0.340%
59	8.074	1135	1138	1142	rVB6	17520	19503	0.29%	0.160%
60	8.116	1142	1146	1148	rBV3	27722	29671	0.45%	0.244%
61	8.143	1148	1151	1156	rVV6	17840	24717	0.37%	0.203%
62	8.197	1159	1161	1164	rVB3	15079	12391	0.19%	0.102%
63	8.229	1164	1167	1171	rVB6	30308	30276	0.46%	0.249%
64	8.261	1171	1173	1174	rBV2	12881	8945	0.14%	0.073%
65	8.309	1179	1182	1184	rBV3	15681	20452	0.31%	0.168%
66	8.346	1185	1189	1192	rVV3	110024	112340	1.70%	0.923%
67	8.379	1192	1195	1197	rVV4	11891	9950	0.15%	0.082%
68	8.432	1202	1205	1206	rBV3	19568	18291	0.28%	0.150%
69	8.469	1209	1212	1214	rBV4	26744	24889	0.38%	0.204%
70	8.539	1222	1225	1227	rBV4	23184	18173	0.27%	0.149%
71	8.560	1227	1229	1230	rBV2	6417	5819	0.09%	0.048%
72	8.576	1230	1232	1235	rVB4	14613	12088	0.18%	0.099%
73	8.603	1235	1237	1238	rBV2	6887	5310	0.08%	0.044%
74	8.641	1238	1244	1247	rBV8	20718	35599	0.54%	0.292%
75	8.673	1247	1250	1253	rBV5	35130	46018	0.70%	0.378%

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23512.D
 Acq On : 2 Mar 2010 13:59
 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	8.758	1263	1266	1267	rBV3	13925	12857	0.19%	0.106%
77	8.812	1274	1276	1280	rVB5	12437	13691	0.21%	0.112%
78	8.844	1280	1282	1284	rBV2	11221	9980	0.15%	0.082%
79	8.887	1288	1290	1291	rBV2	13718	6431	0.10%	0.053%
80	8.962	1301	1304	1308	rVB6	37566	39283	0.59%	0.323%
81	9.036	1314	1318	1321	rBV	254829	237584	3.59%	1.951%
82	9.058	1321	1322	1325	rVB	24660	17116	0.26%	0.141%
83	9.117	1331	1333	1335	rVB3	19346	12816	0.19%	0.105%
84	9.159	1338	1341	1345	rBV4	23603	37823	0.57%	0.311%
85	9.384	1379	1383	1387	rBV3	33419	50787	0.77%	0.417%
86	9.475	1398	1400	1404	rBV5	18941	19534	0.30%	0.160%
87	9.528	1408	1410	1413	rBV4	9907	8512	0.13%	0.070%
88	9.577	1416	1419	1421	rBV3	32623	39798	0.60%	0.327%
89	9.603	1422	1424	1428	rVB4	36292	34163	0.52%	0.281%
90	9.657	1432	1434	1436	rBV3	13060	10172	0.15%	0.084%
91	9.694	1437	1441	1444	rBV6	37916	52567	0.79%	0.432%
92	9.796	1457	1460	1462	rBV4	20978	22588	0.34%	0.185%
93	9.833	1464	1467	1473	rVB5	42383	54615	0.83%	0.448%
94	9.903	1477	1480	1482	rBV4	23281	22884	0.35%	0.188%
95	9.924	1482	1484	1489	rVB6	33667	43391	0.66%	0.356%
96	9.967	1489	1492	1494	rBV4	16332	16612	0.25%	0.136%
97	10.047	1505	1507	1509	rBV3	20554	14890	0.22%	0.122%
98	10.079	1509	1513	1516	rVB5	52657	60357	0.91%	0.496%
99	10.106	1516	1518	1521	rBV3	32355	33652	0.51%	0.276%
100	10.197	1528	1535	1537	rBV	68437	99361	1.50%	0.816%
101	10.224	1538	1540	1544	rVV5	42824	56269	0.85%	0.462%
102	10.256	1544	1546	1549	rVB3	21538	19564	0.30%	0.161%
103	10.288	1549	1552	1558	rBV6	37783	53046	0.80%	0.436%
104	10.336	1558	1561	1564	rVV4	26686	29292	0.44%	0.241%
105	10.363	1564	1566	1570	rVB2	37985	32883	0.50%	0.270%
106	10.395	1570	1572	1575	rBV4	14191	17134	0.26%	0.141%
107	10.432	1575	1579	1583	rVB2	107955	113985	1.72%	0.936%
108	10.593	1606	1609	1611	rVB4	32069	26234	0.40%	0.215%
109	10.620	1611	1614	1619	rBV	81561	95858	1.45%	0.787%
110	10.673	1621	1624	1628	rVB2	41174	47768	0.72%	0.392%
111	10.716	1628	1632	1636	rBV2	65779	79361	1.20%	0.652%
112	10.780	1640	1644	1646	rBV4	22956	29212	0.44%	0.240%
113	10.801	1646	1648	1649	rVV2	23035	16977	0.26%	0.139%
114	10.823	1649	1652	1656	rVB	149854	154995	2.34%	1.273%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23512.D
 Acq On : 2 Mar 2010 13:59
 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

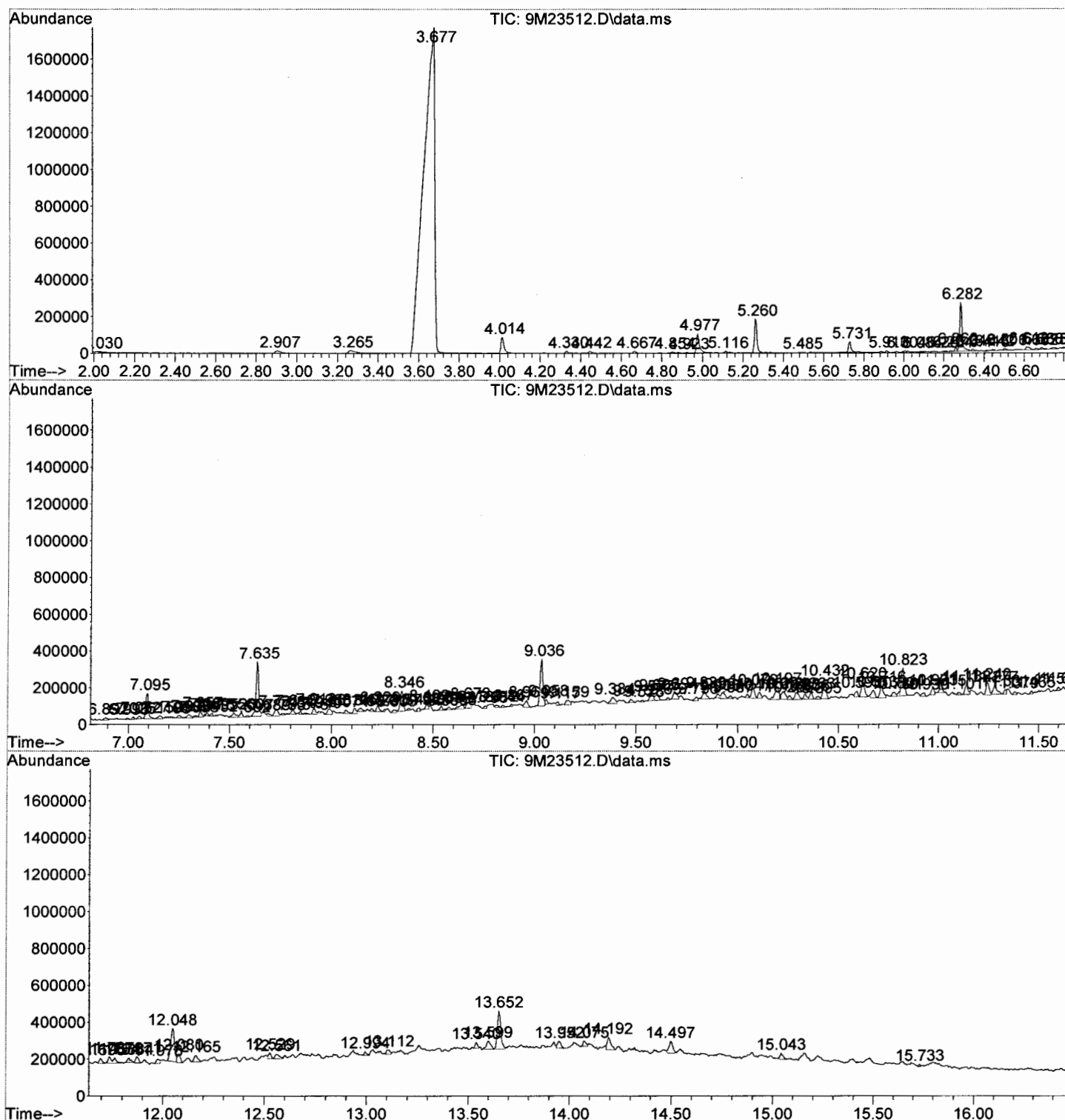
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
 Title : @GCMS_9,mg,625,8270

115	10.930	1668	1672	1674	rVB5	20114	21771	0.33%	0.179%
116	10.973	1677	1680	1682	rBV4	34618	37655	0.57%	0.309%
117	11.015	1684	1688	1691	rBV6	21080	29081	0.44%	0.239%
118	11.101	1701	1704	1707	rBV5	14734	16072	0.24%	0.132%
119	11.138	1707	1711	1714	rBV	51229	55833	0.84%	0.458%
120	11.240	1727	1730	1734	rBV	66704	72078	1.09%	0.592%
121	11.277	1734	1737	1744	rVB3	48017	66555	1.01%	0.547%
122	11.331	1744	1747	1748	rBV2	25722	22067	0.33%	0.181%
123	11.379	1754	1756	1758	rBV3	16115	14155	0.21%	0.116%
124	11.465	1770	1772	1774	rBV3	15895	12057	0.18%	0.099%
125	11.598	1795	1797	1799	rBV3	18530	14256	0.22%	0.117%
126	11.625	1800	1802	1807	rVB6	27142	27258	0.41%	0.224%
127	11.695	1813	1815	1820	rBV4	26775	25794	0.39%	0.212%
128	11.737	1821	1823	1826	rVV2	35555	35054	0.53%	0.288%
129	11.764	1826	1828	1834	rVB3	28671	27661	0.42%	0.227%
130	11.834	1838	1841	1846	rBV7	24889	29275	0.44%	0.240%
131	11.871	1846	1848	1852	rVB3	33157	34644	0.52%	0.284%
132	11.978	1865	1868	1870	rBV4	23693	29044	0.44%	0.239%
133	12.048	1876	1881	1885	rBV2	178206	235362	3.56%	1.933%
134	12.080	1885	1887	1890	rVB	49708	42720	0.65%	0.351%
135	12.165	1899	1903	1908	rBV3	34217	44549	0.67%	0.366%
136	12.529	1969	1971	1974	rVB3	33026	26905	0.41%	0.221%
137	12.561	1974	1977	1983	rBV6	24676	39709	0.60%	0.326%
138	12.994	2056	2058	2062	rBV5	20792	18729	0.28%	0.154%
139	13.112	2076	2080	2082	rBV5	23762	29635	0.45%	0.243%
140	13.540	2158	2160	2163	rBV2	31501	26191	0.40%	0.215%
141	13.599	2168	2171	2176	rVB3	44178	61316	0.93%	0.504%
142	13.652	2177	2181	2187	rBV	205974	243569	3.68%	2.000%
143	13.952	2234	2237	2244	rVB6	37787	46024	0.70%	0.378%
144	14.075	2257	2260	2263	rBV5	28228	32181	0.49%	0.264%
145	14.192	2280	2282	2288	rVB6	68402	83984	1.27%	0.690%
146	14.497	2336	2339	2344	rVB5	64039	81818	1.24%	0.672%
147	15.043	2439	2441	2446	rVB3	35335	35826	0.54%	0.294%
148	15.733	2568	2570	2571	rBV2	13455	7439	0.11%	0.061%

Sum of corrected areas: 12177624

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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

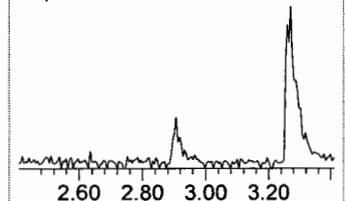
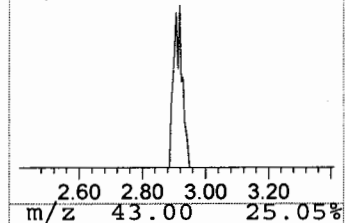
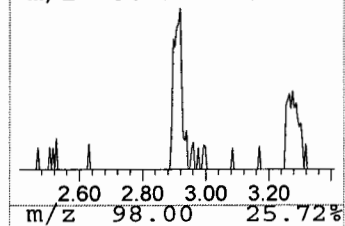
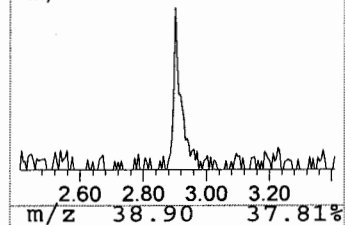
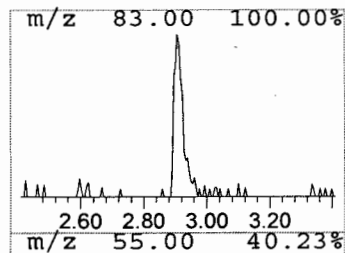
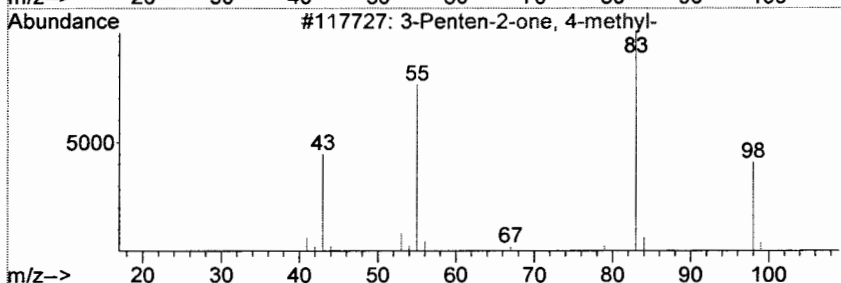
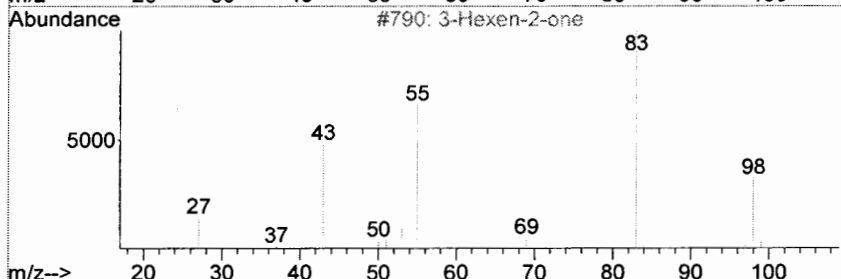
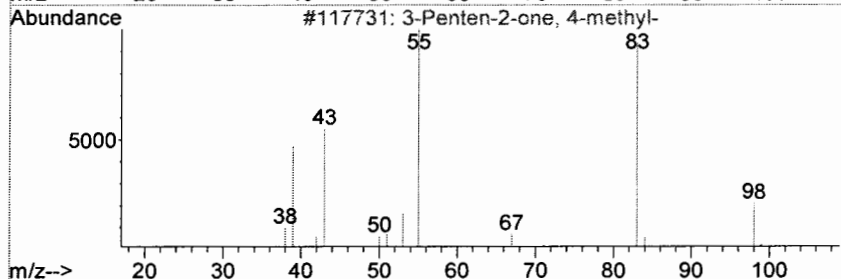
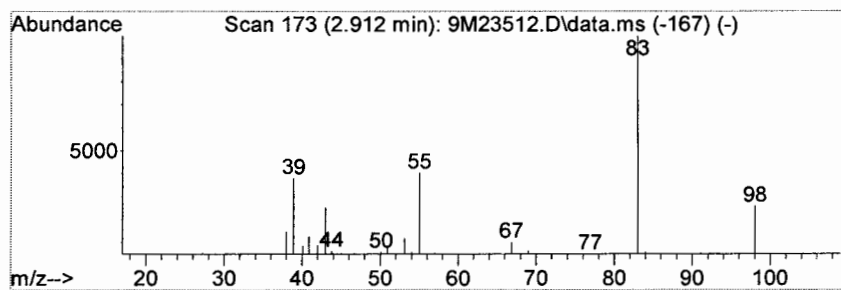
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.91	5.93 ng	23701	LibIS-1,4-Dichlorobenzene-d4	5.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2			3-Hexen-2-one	98	C6H10O	000763-93-9	86
3			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
4			tert-Butylketene	98	C6H10O	059005-31-1	72
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

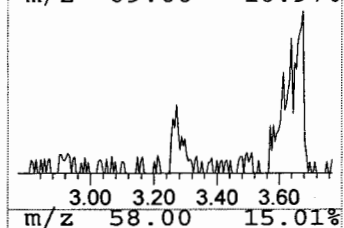
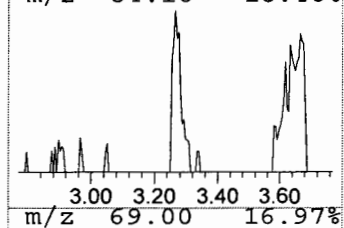
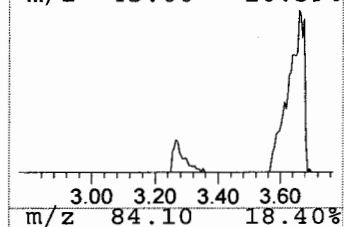
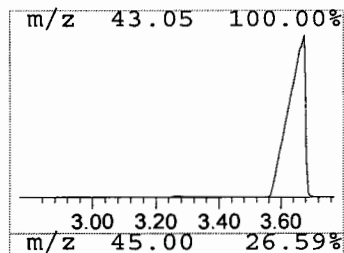
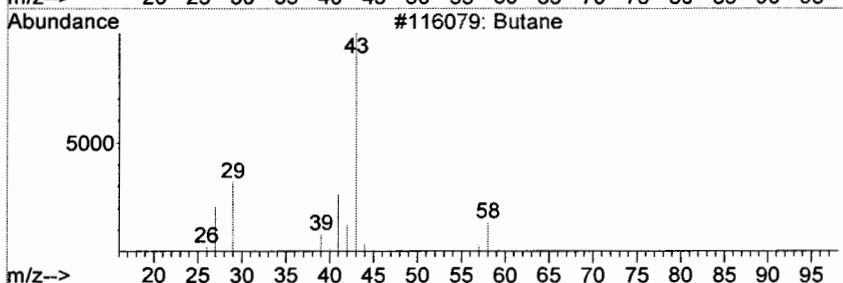
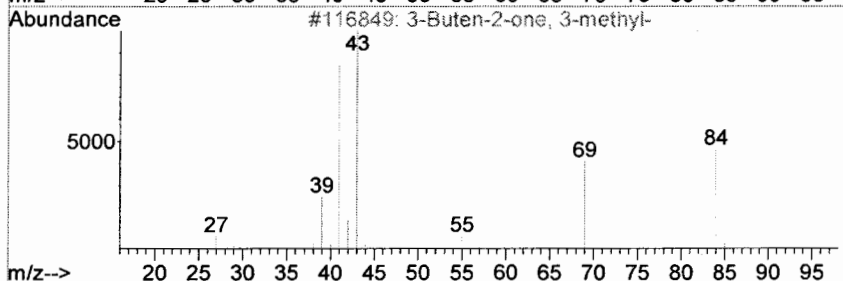
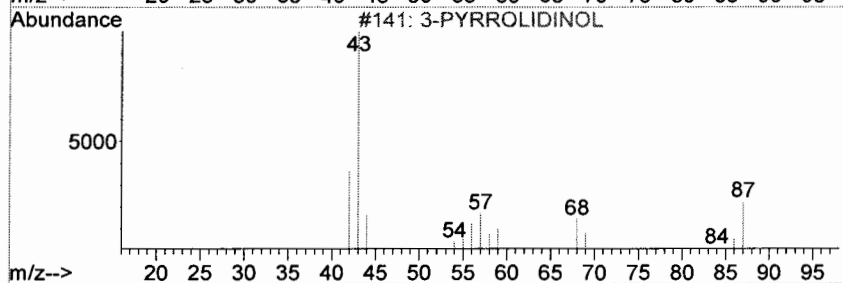
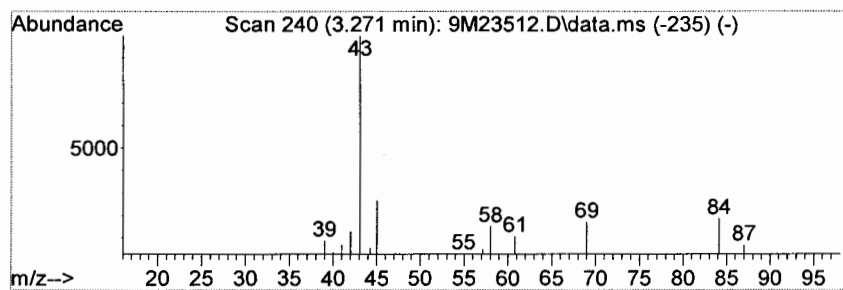
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 2 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	8.32 ng	33274	LibIS-1,4-Dichlorobenzene-d4	5.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-PYRROLIDINOL	87	C4H9NO	040499-83-0	9
2			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	7
3			Butane	58	C4H10	000106-97-8	7
4			1-Pentanamine	87	C5H13N	000110-58-7	7
5			Butane	58	C4H10	000106-97-8	5



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

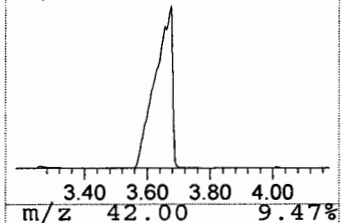
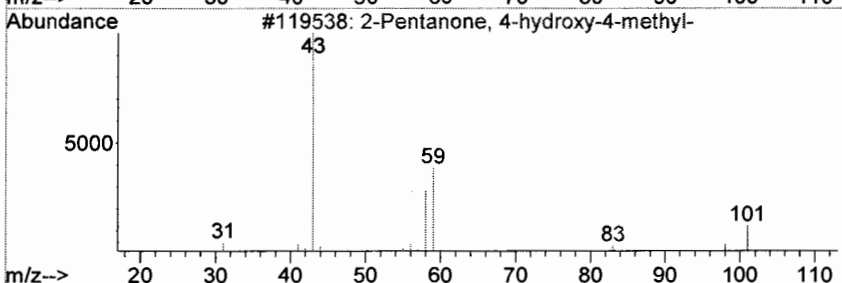
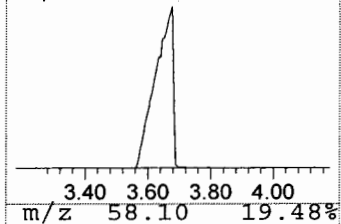
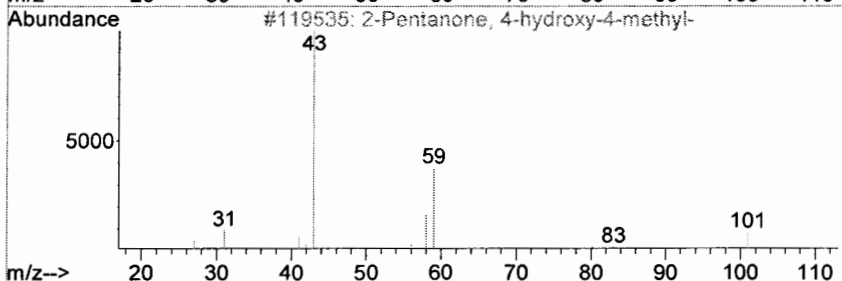
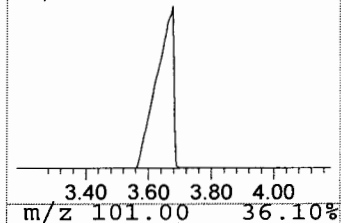
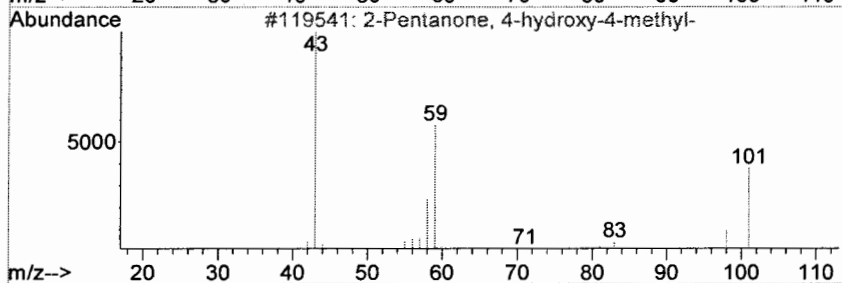
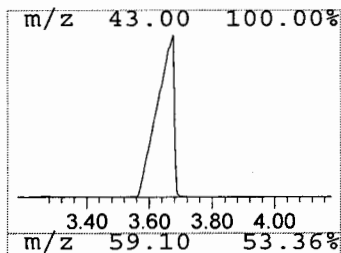
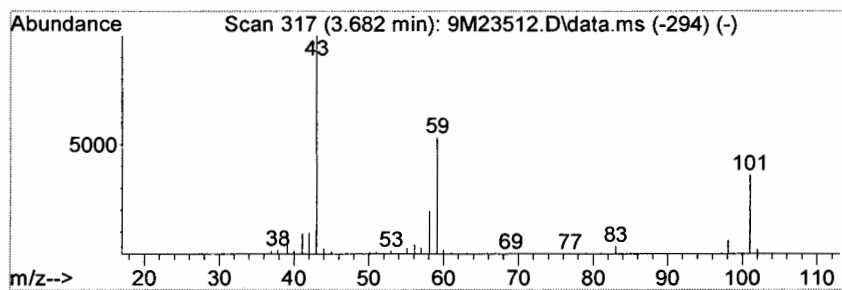
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	1655.27 ng	6619737	LibIS-1,4-Dichlorobenzene-d4	5.26

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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

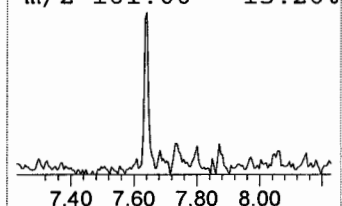
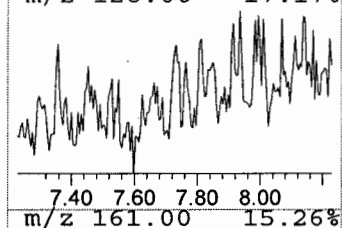
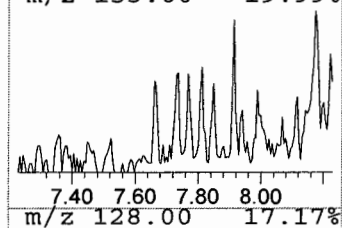
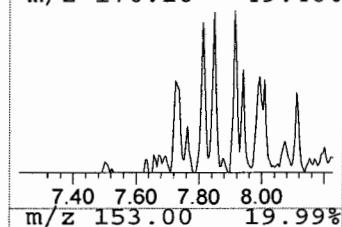
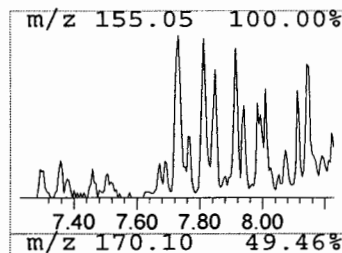
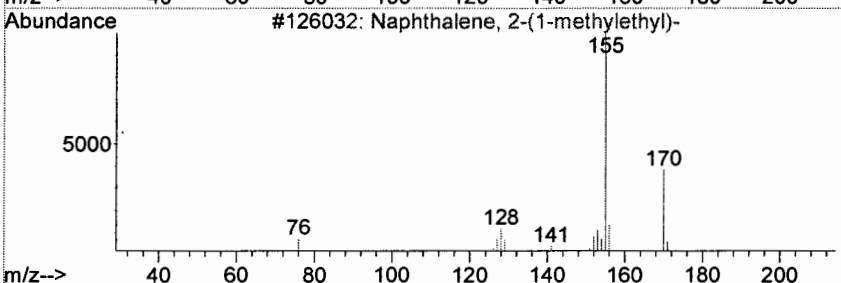
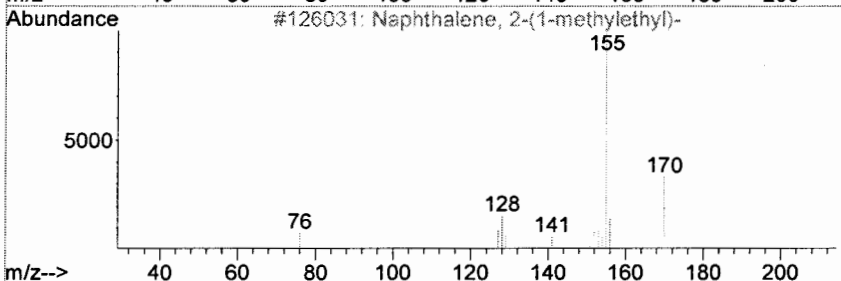
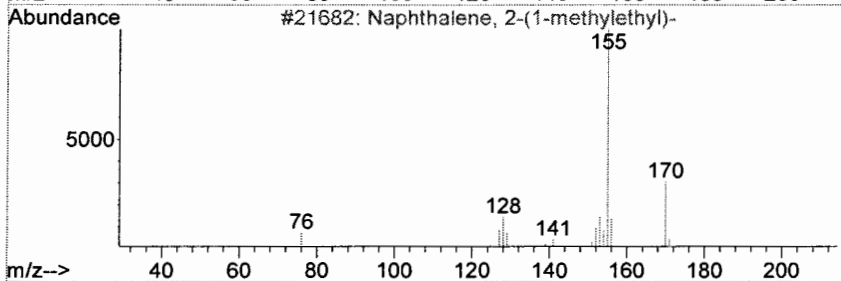
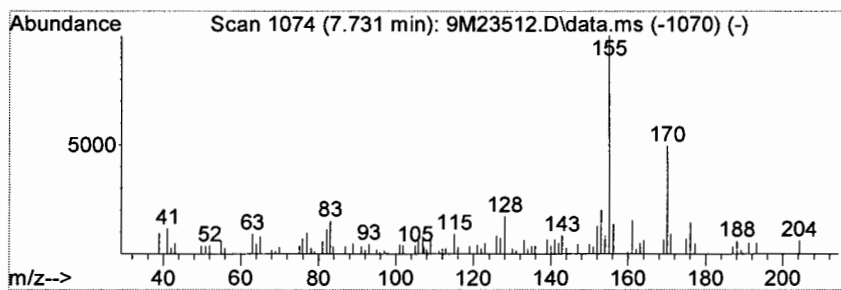
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 4 Naphthalene, 2-(1-methyleth... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	5.99 ng	46463	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	81
4			9,9-Dimethyl-1,4-dihydro-1,4-met...	170	C13H14	018242-86-9	81
5			Naphthalene, (1-methylethyl)-	170	C13H14	029253-36-9	74



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

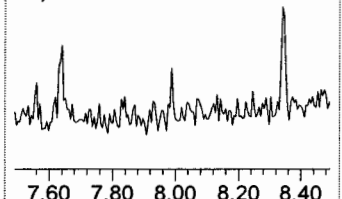
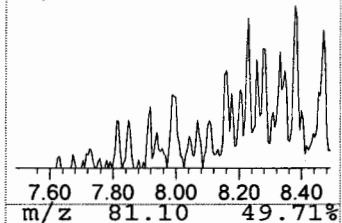
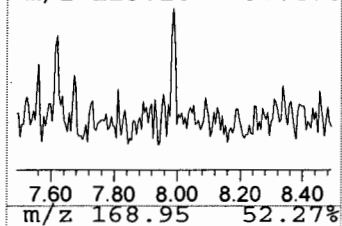
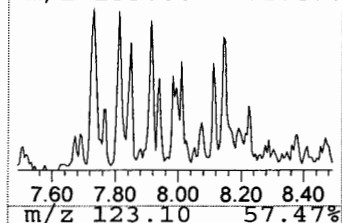
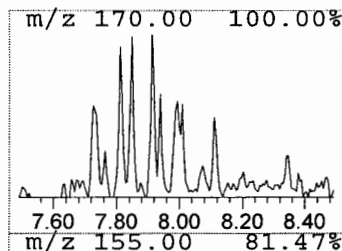
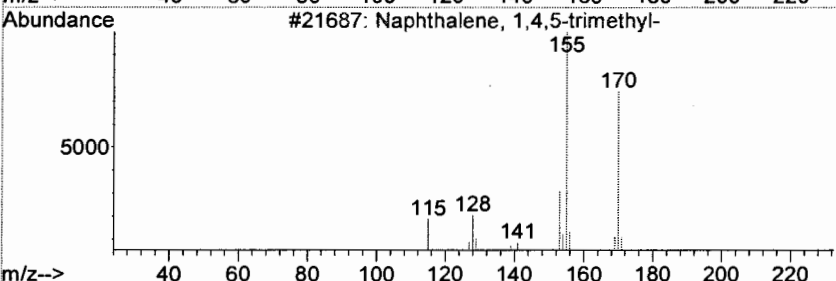
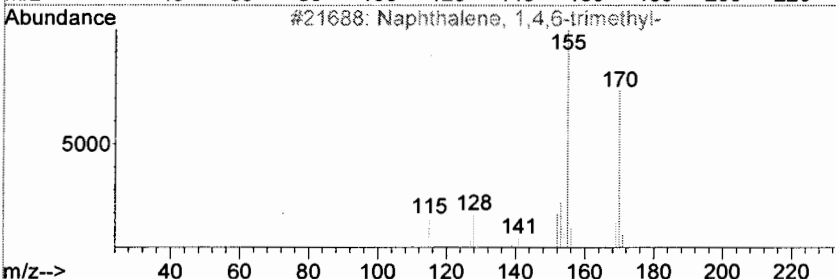
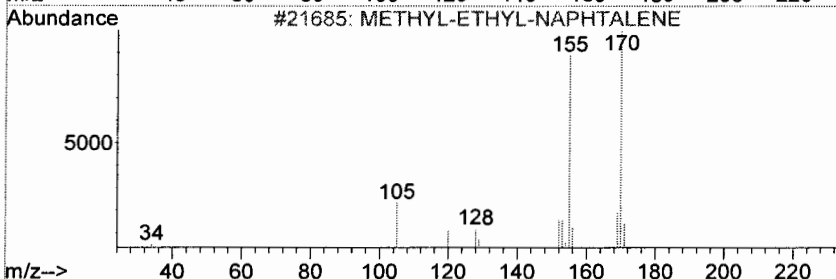
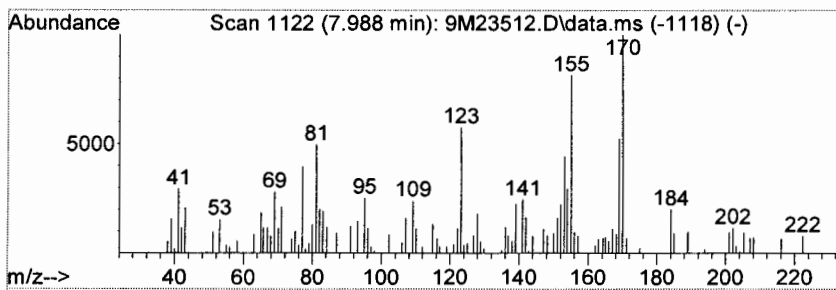
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	5.34 ng	41410	LibIS-Acenaphthene-d10	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	METHYL-ETHYL-NAPHTALENE	170	C13H14	000000-00-0	43
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	43
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	43
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

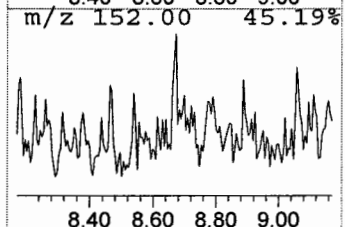
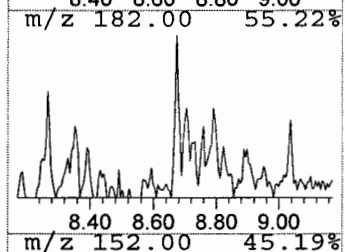
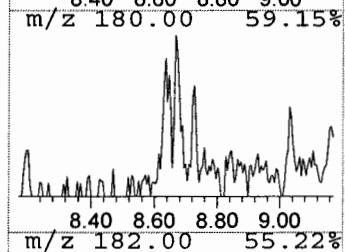
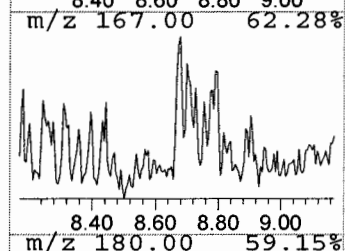
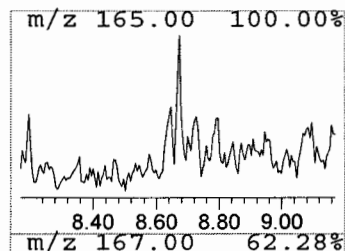
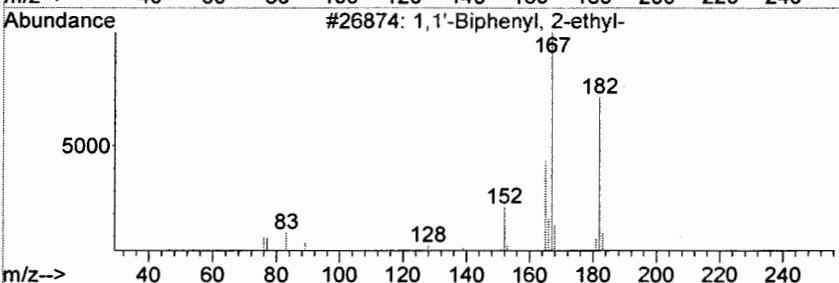
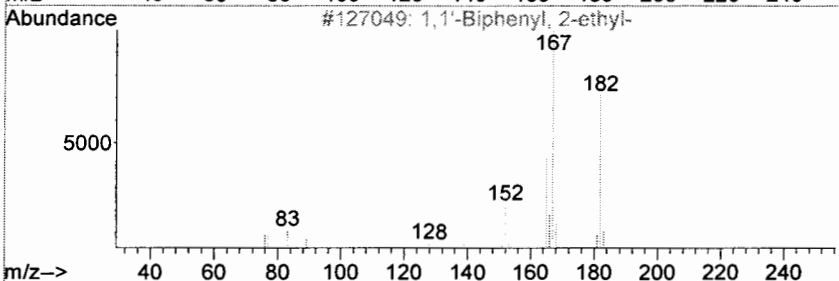
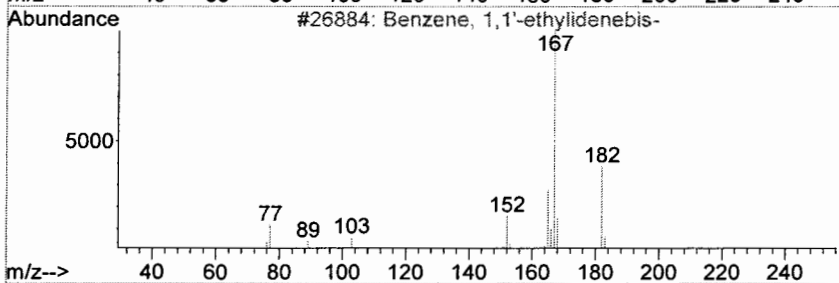
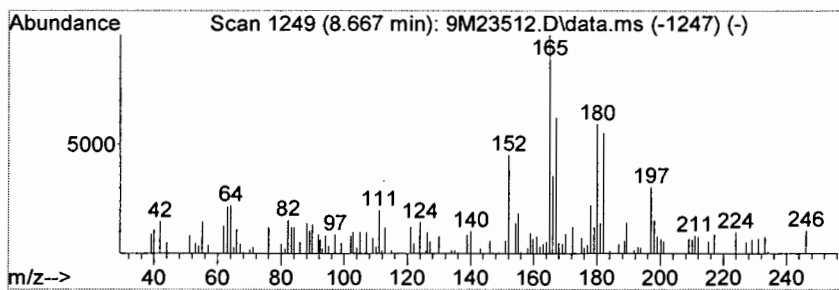
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 6 unknown Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	5.76 ng	46018	LibIS-Phenanthrene-d10	9.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	43
2	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	38
3	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	38
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	38
5	1,1'-Biphenyl, 2,2'-dimethyl-	182	C14H14	000605-39-0	35



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

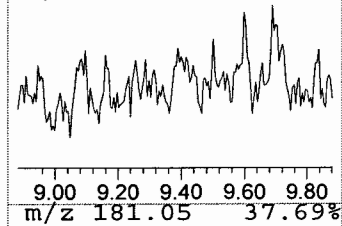
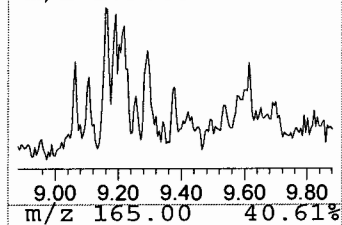
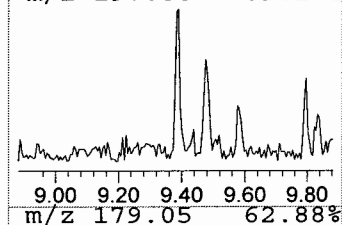
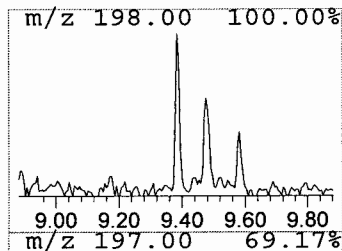
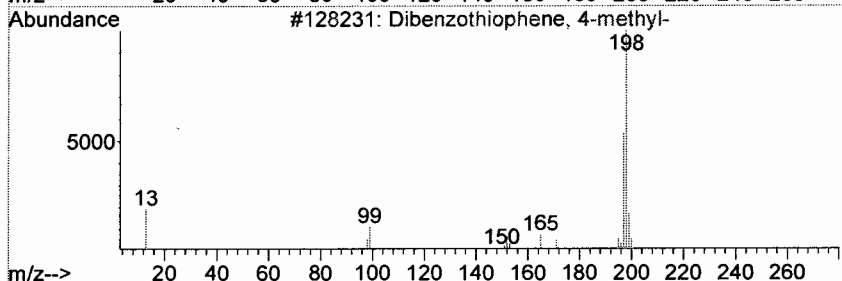
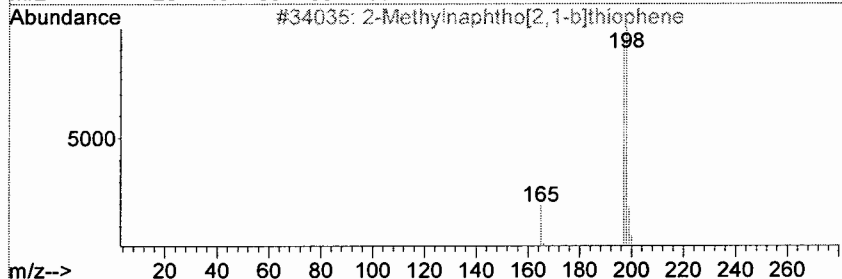
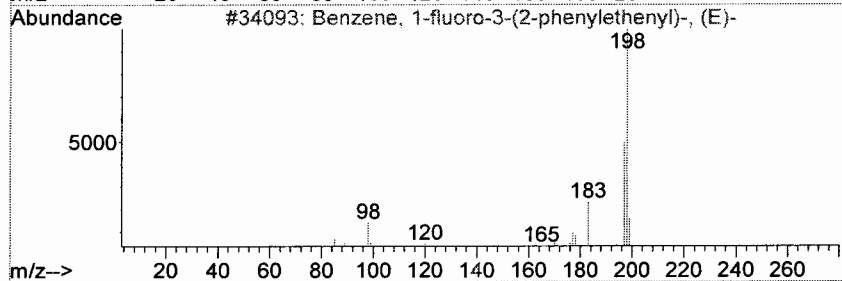
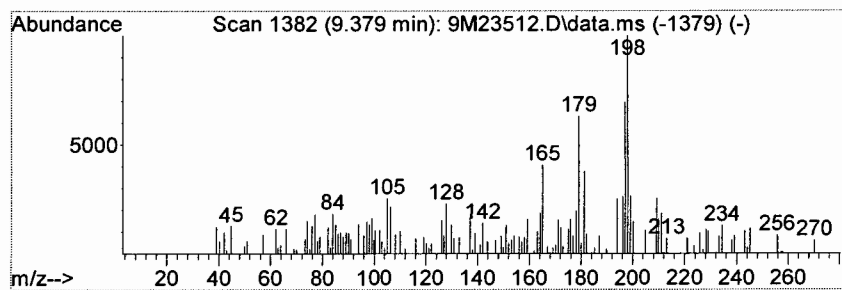
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 7 Benzene, 1-fluoro-3-(2-phen... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	6.36 ng	50787	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	64
2			2-Methylnaphtho[2,1-b]thiophene	198	C13H10S	016587-35-2	64
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
4			6-Methylnaphtho[2,1-b]thiophene	198	C13H10S	004567-37-7	64
5			8-Methylnaphtho[2,1-b]thiophene	198	C13H10S	004567-36-6	64



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

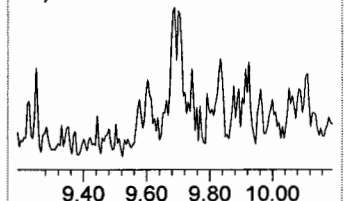
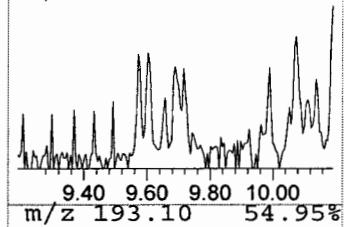
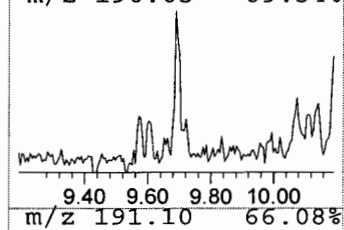
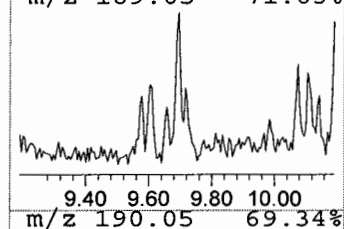
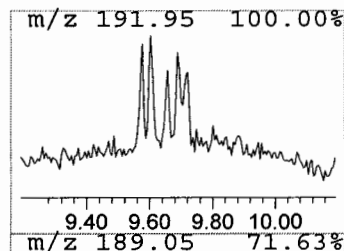
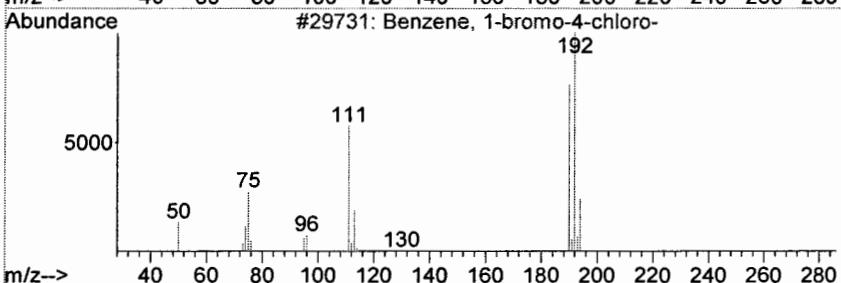
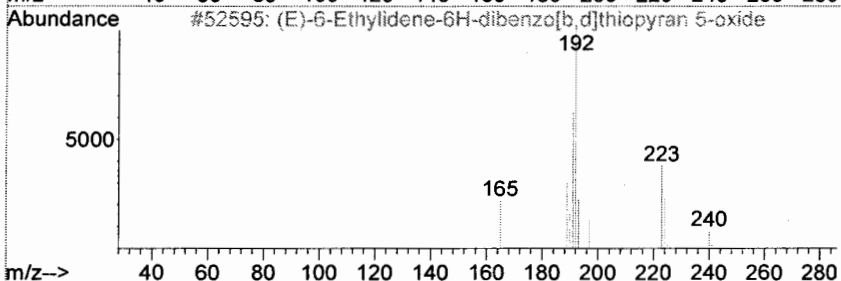
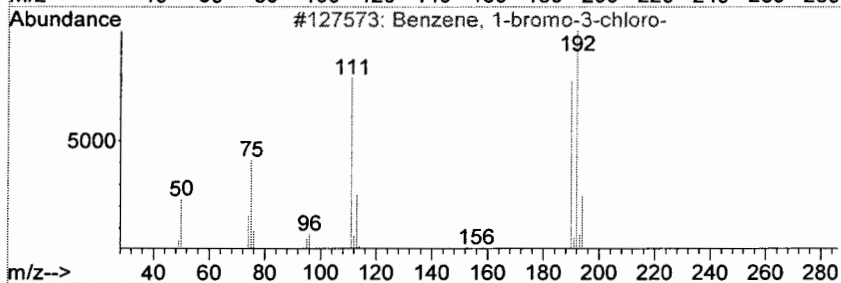
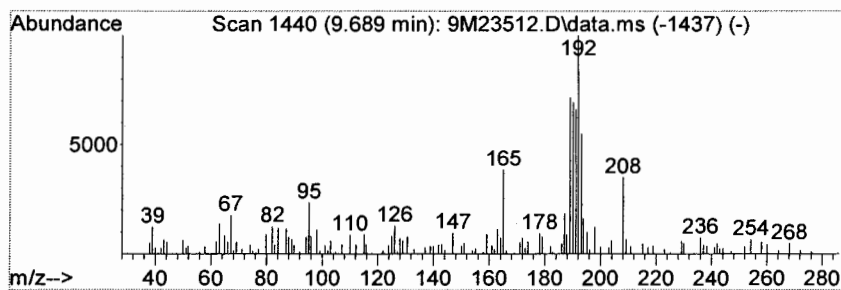
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 8 unknown Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	6.58 ng	52567	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	38
2			(E)-6-Ethylidene-6H-dibenzo[b,d]...	240	C15H12OS	087221-28-1	38
3			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	35
4			5H-Dibenzo[a,d]cyclohepten-5-ol,...	210	C15H14O	001210-34-0	35
5			Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	35



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

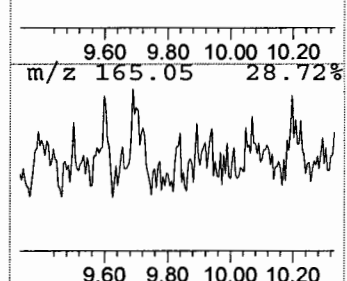
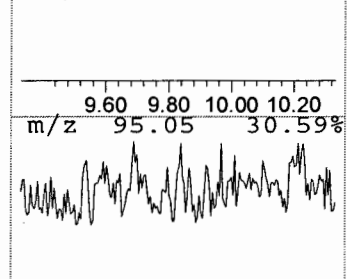
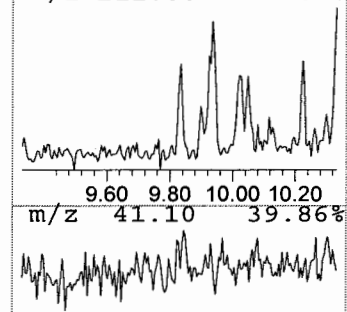
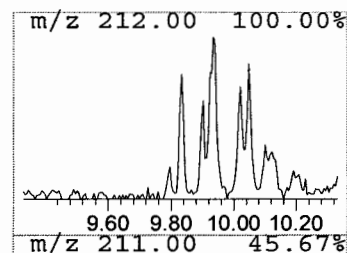
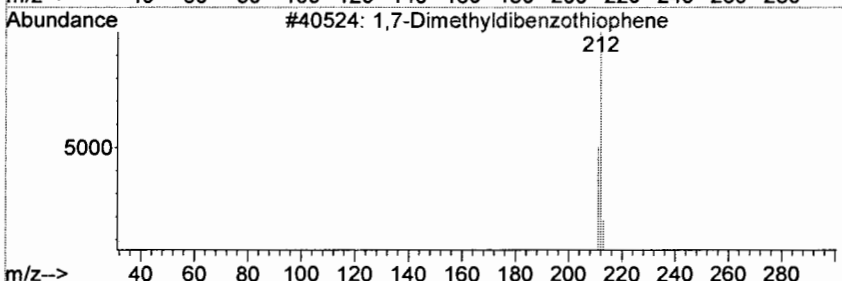
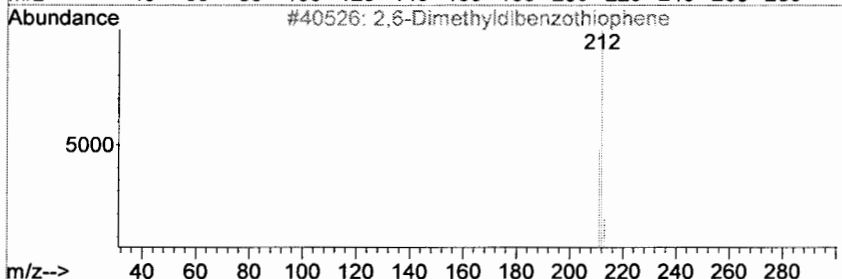
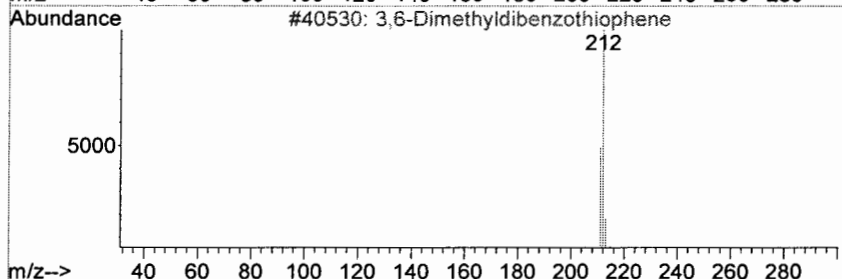
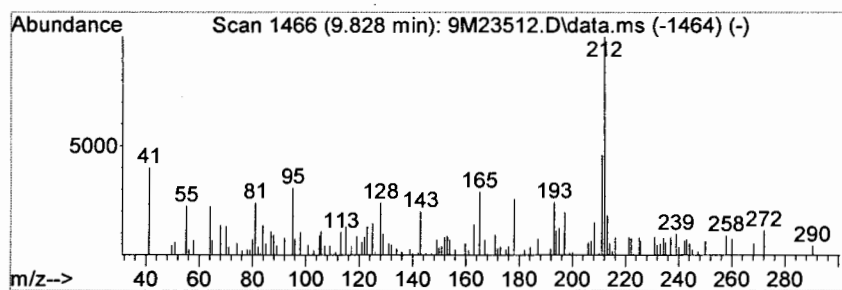
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 9 3,6-Dimethyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	6.84 ng	54615	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,6-Dimethyldibenzothiophene	212	C14H12S	031613-04-4	72
2			2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	72
3			1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	72
4			2,8-Dimethyldibenzothiophene	212	C14H12S	001207-15-4	72
5			4,6-Dimethyldibenzothiophene	212	C14H12S	001207-12-1	72



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

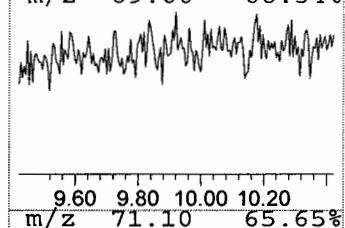
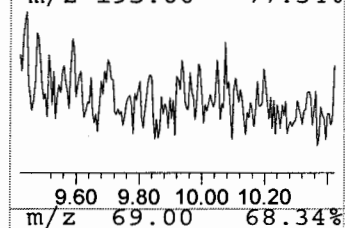
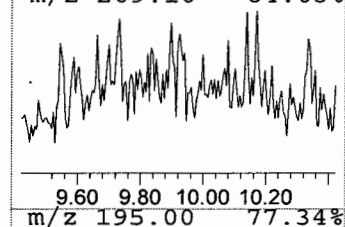
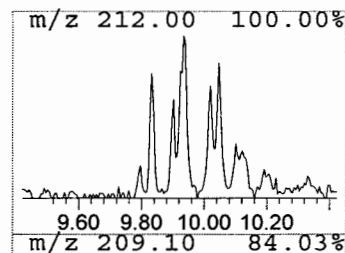
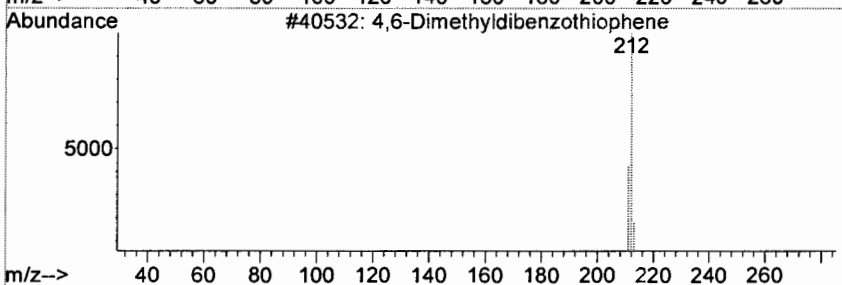
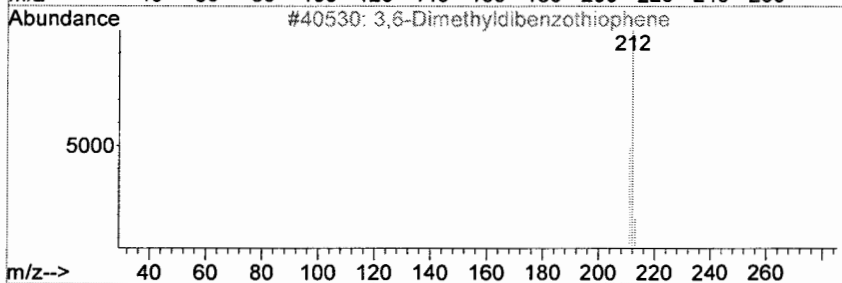
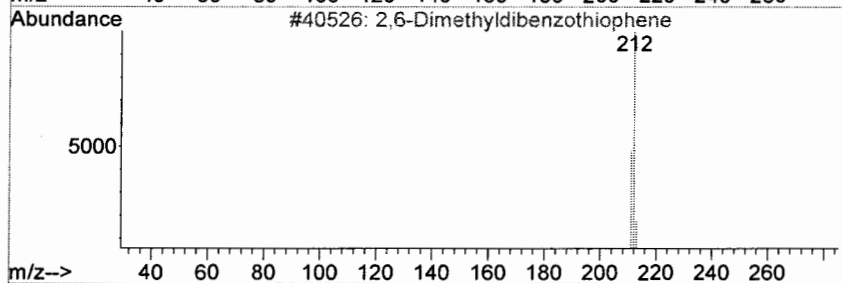
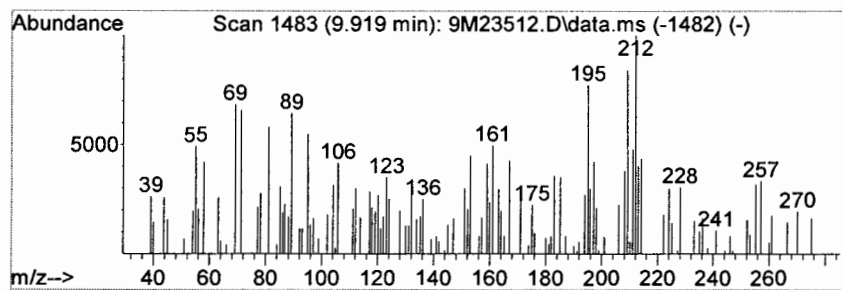
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 10 2,6-Dimethyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	5.44 ng	43391	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	64
2			3,6-Dimethyldibenzothiophene	212	C14H12S	031613-04-4	64
3			4,6-Dimethyldibenzothiophene	212	C14H12S	001207-12-1	64
4			1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	64
5			1,6-Dimethyldibenzothiophene	212	C14H12S	089816-70-6	64



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

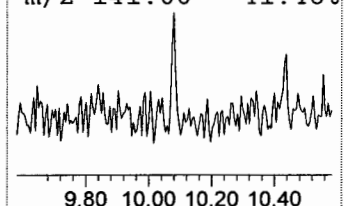
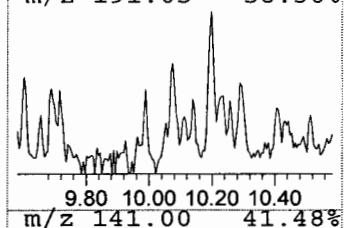
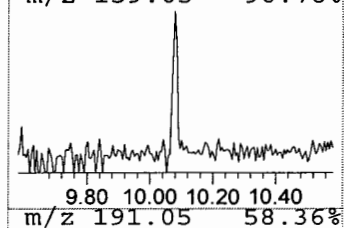
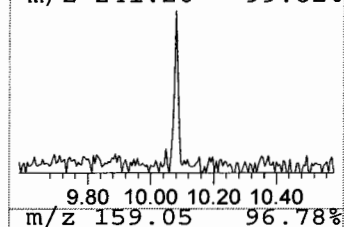
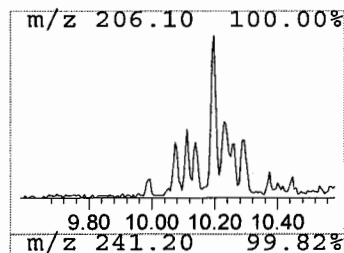
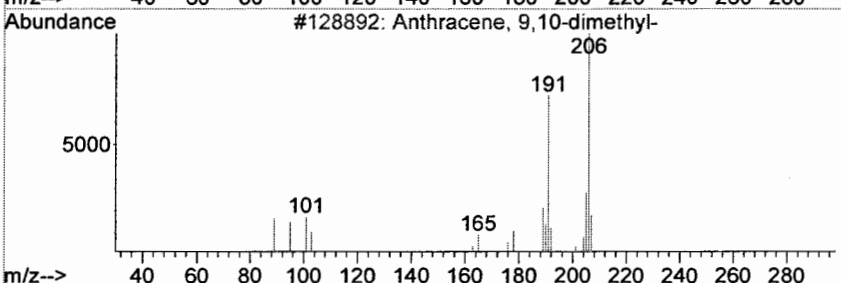
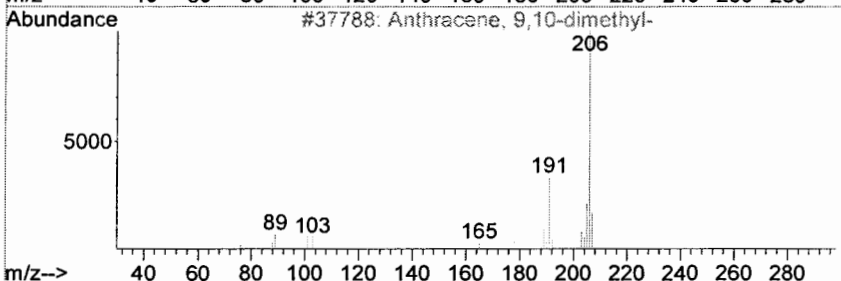
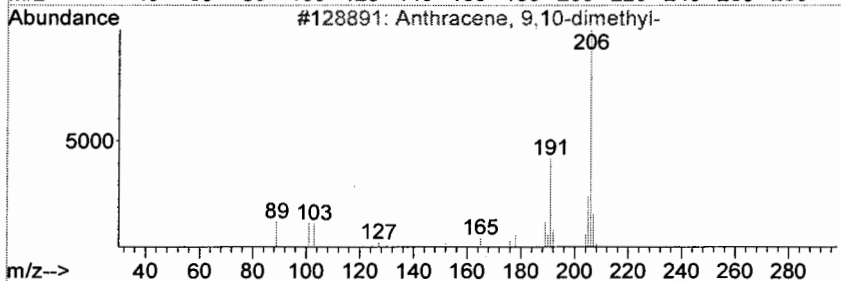
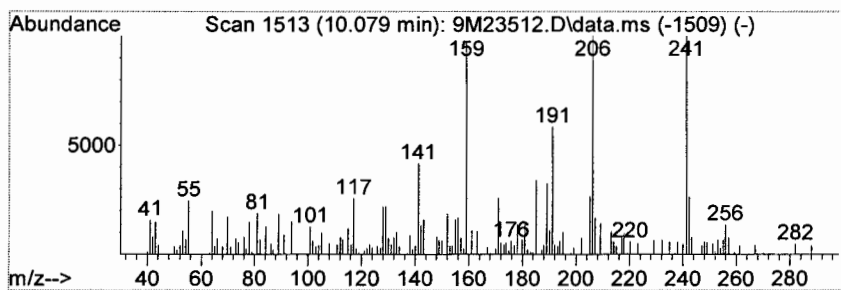
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 11 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	7.56 ng	60357	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	38
2			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	30
3			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	25
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	25
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	20



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

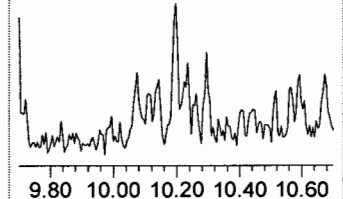
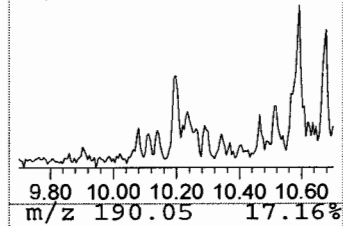
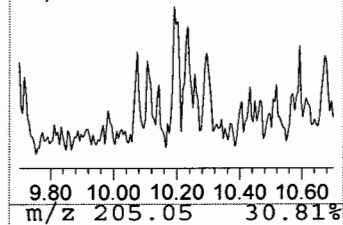
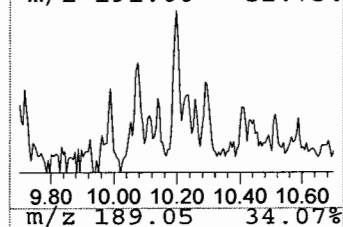
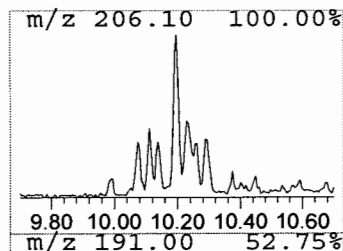
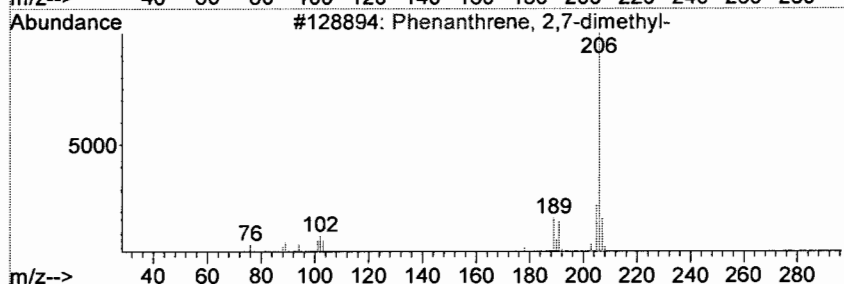
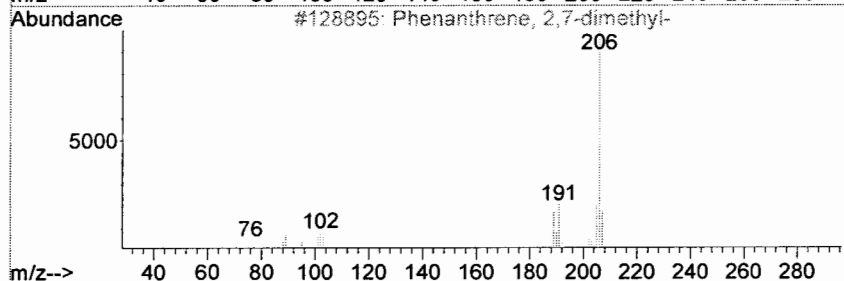
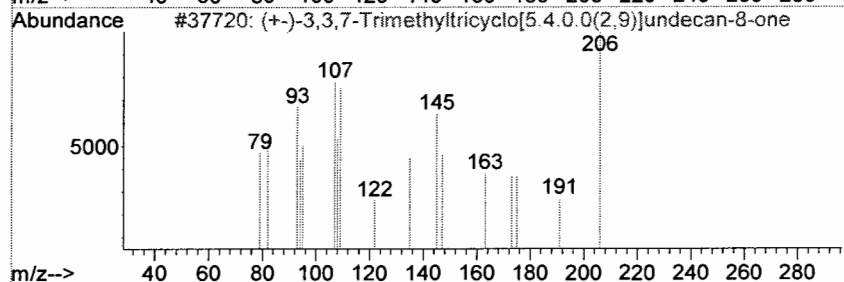
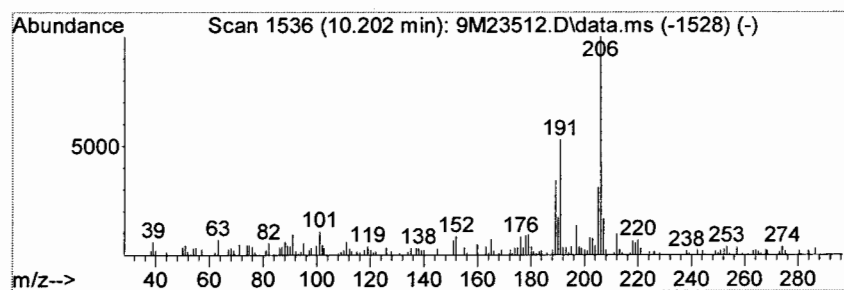
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 12 (+)-3,3,7-Trimethyltricycl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.45 ng	99361	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-3,3,7-Trimethyltricyclo[5.4...	206	C14H22O	038647-26-6	94
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

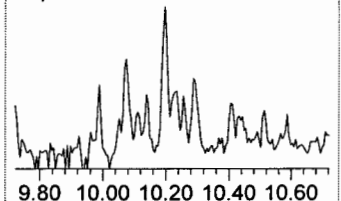
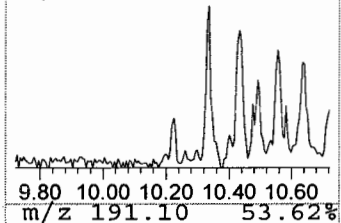
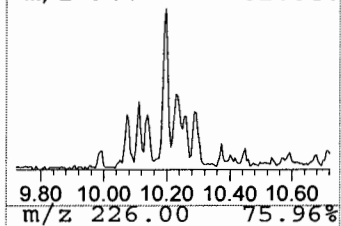
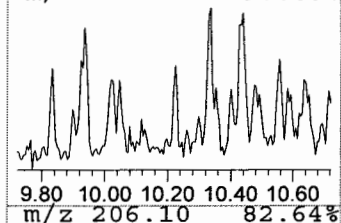
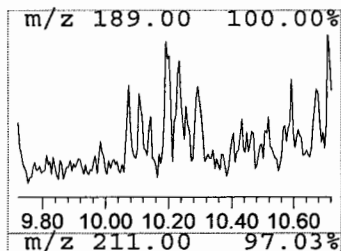
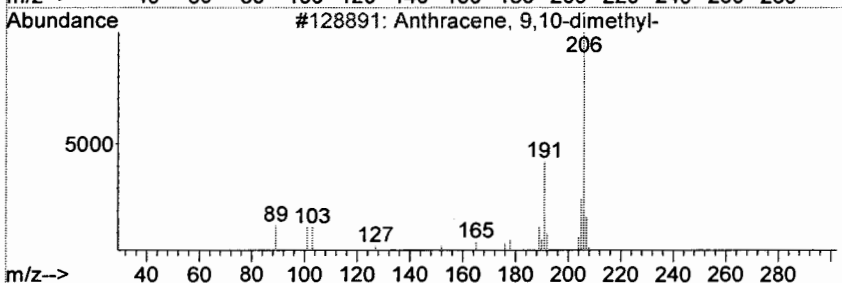
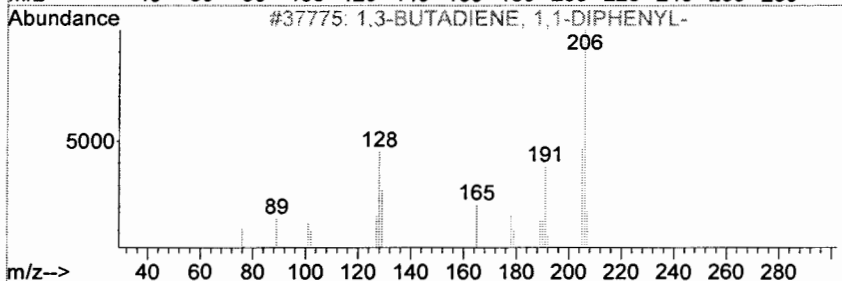
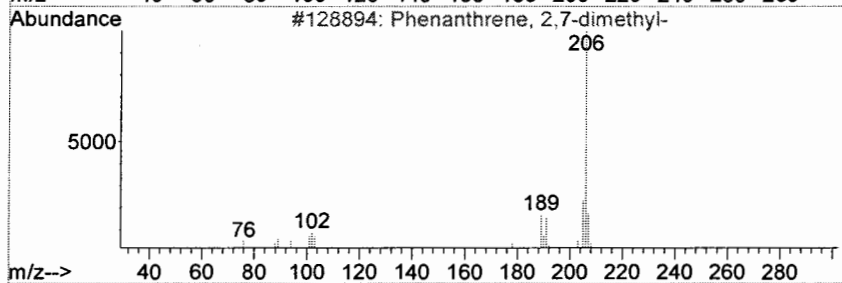
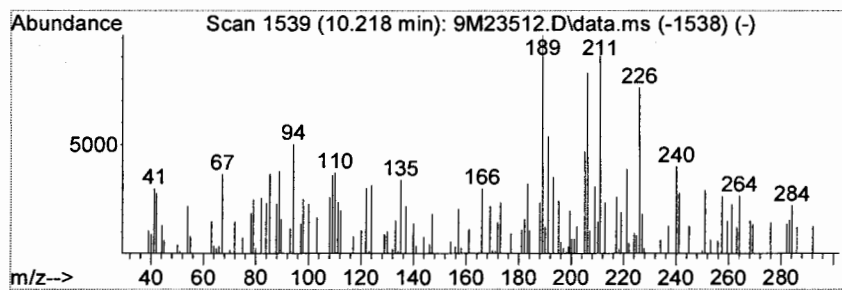
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 13 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.05 ng	56269	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43
2			1,3-BUTADIENE, 1,1-DIPHENYL-	206	C16H14	000000-00-0	35
3			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	35
4			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	27
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	27



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

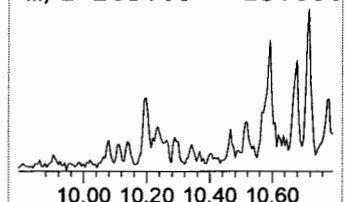
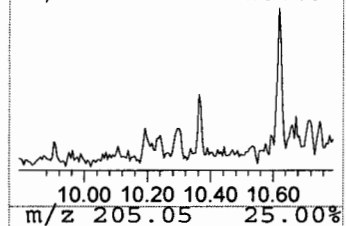
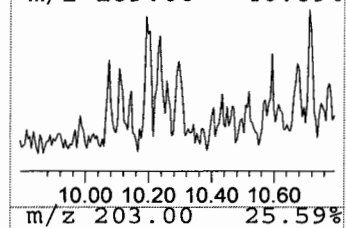
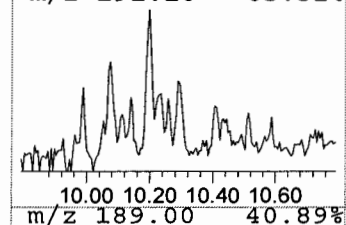
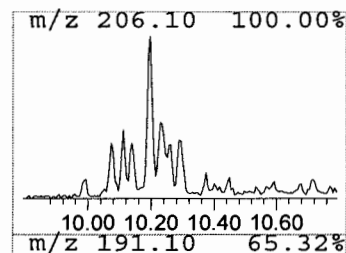
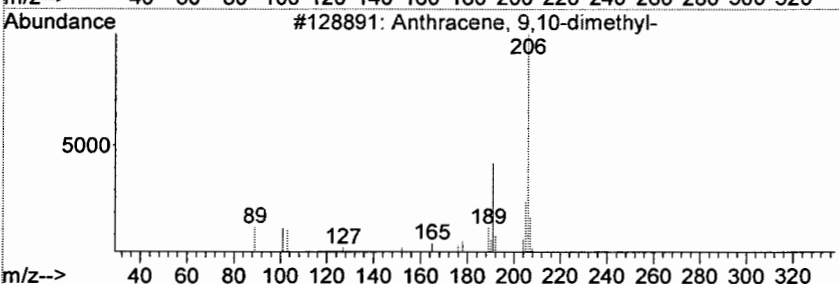
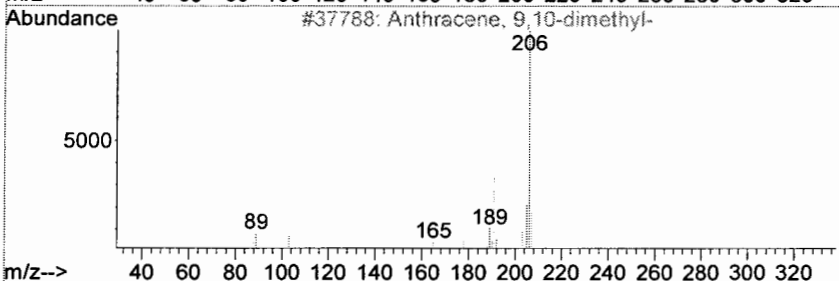
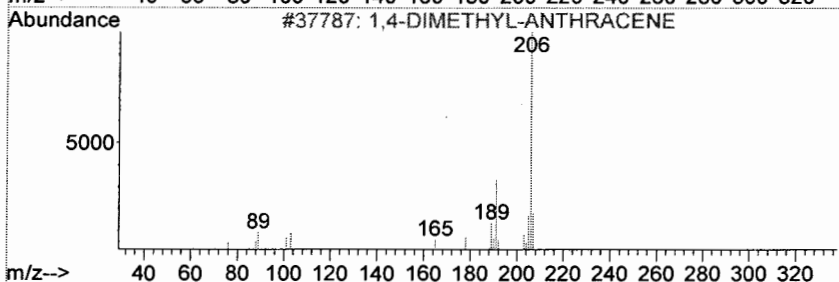
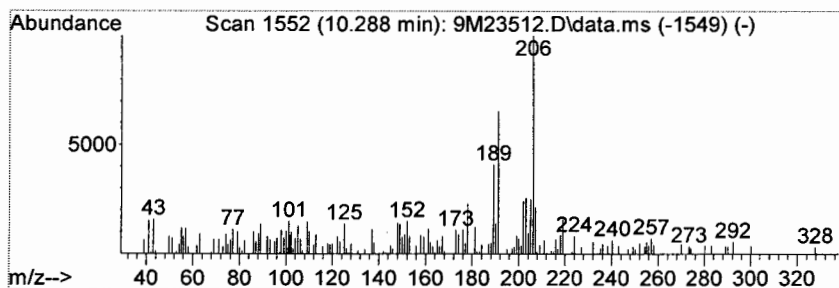
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 14 Anthracene, 9,10-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	6.64 ng	53046	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	89
2			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	76
3			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	70
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
5			(E,E)-5,5'-(2,4-Hexadiendiyliden...	206	C16H14	091524-64-0	59



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

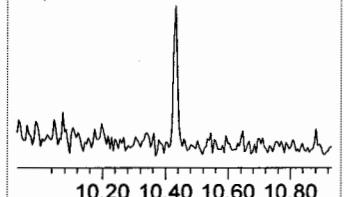
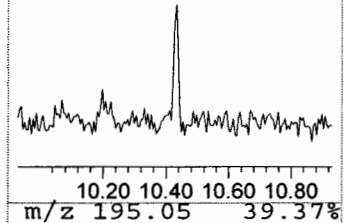
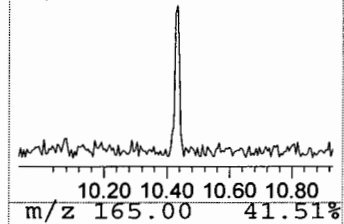
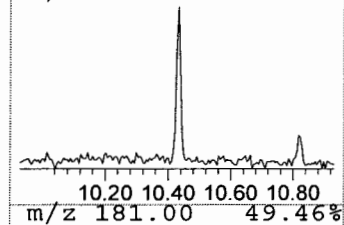
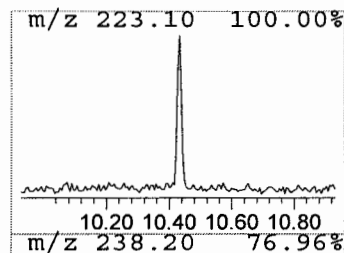
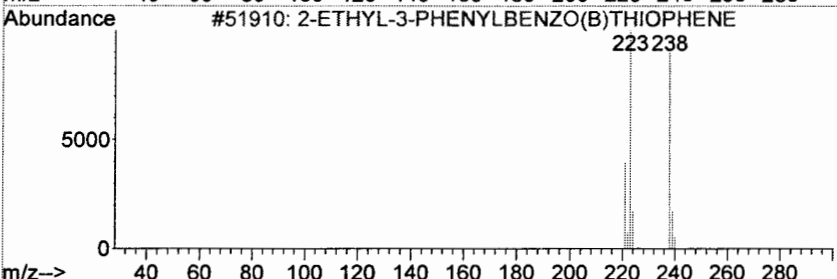
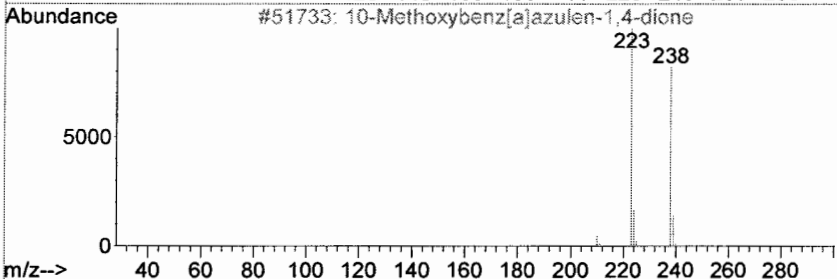
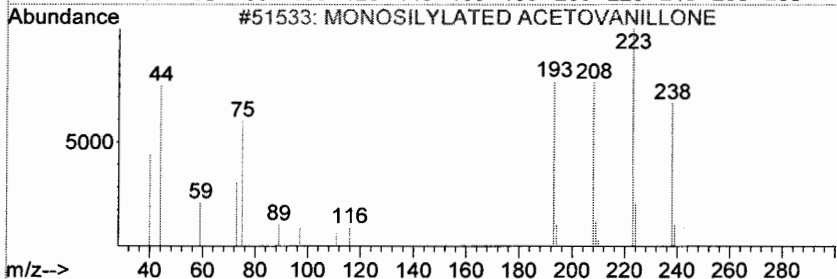
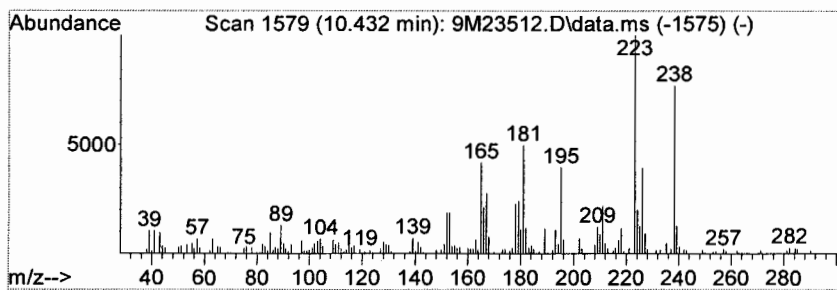
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 15 10-Methoxybenz[a]azulen-1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	14.28 ng	113985	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	95
2			10-Methoxybenz[a]azulen-1,4-dione	238	C15H10O3	076319-77-2	64
3			2-ETHYL-3-PHENYLBENZO(B)THIOPHENE	238	C16H14S	059855-99-1	64
4			4-HYDROXY-3,4-DIMETHYL-PHENANTHR...	238	C16H14O2	060505-33-1	58
5			Cyclopent[a]indene, 3,8-dihydro-...	238	C18H22	017384-72-4	46



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

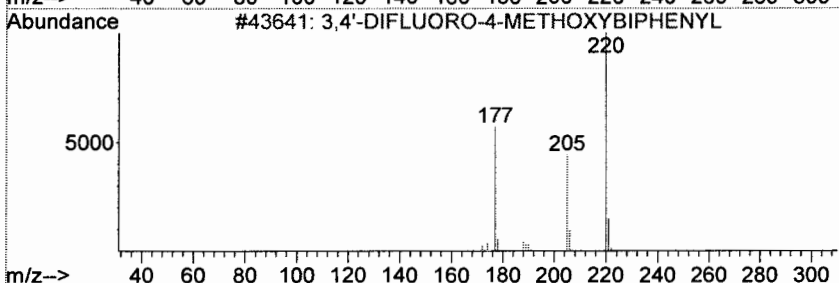
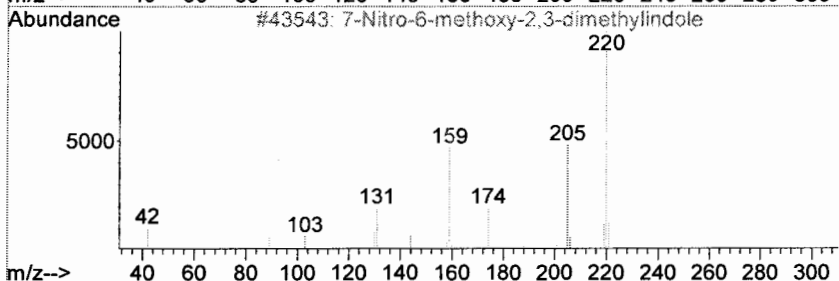
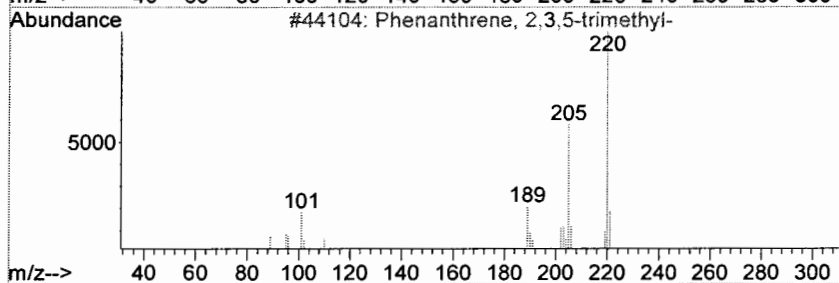
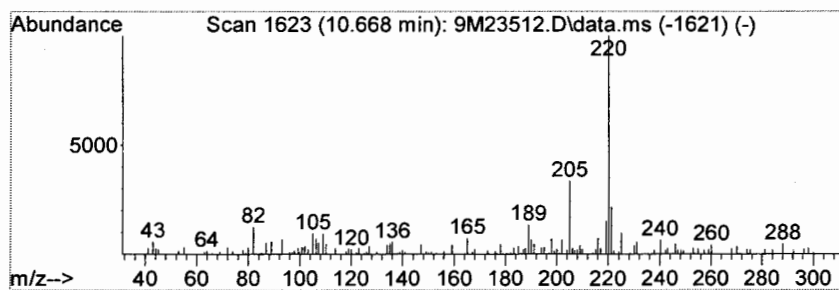
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

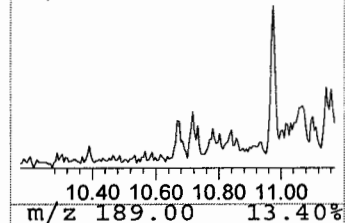
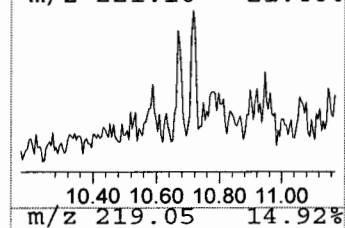
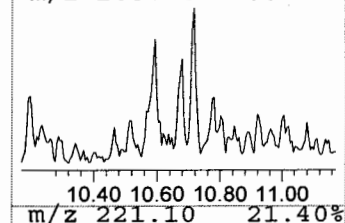
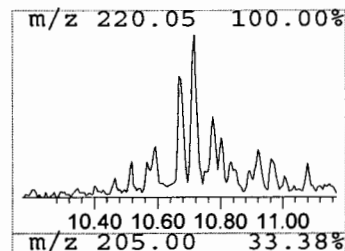
Peak Number 16 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.45 ng	47768	LibIS-Chrysene-d12	12.05

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	58
3			3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	53
4			EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	50
5			Cinnoline, 6-methyl-4-phenyl-	220	C15H12N2	021039-72-5	46



9M_0301.M Thu Mar 04 18:06:40 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

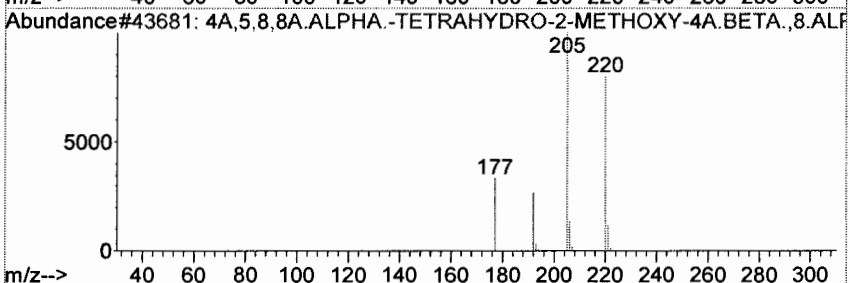
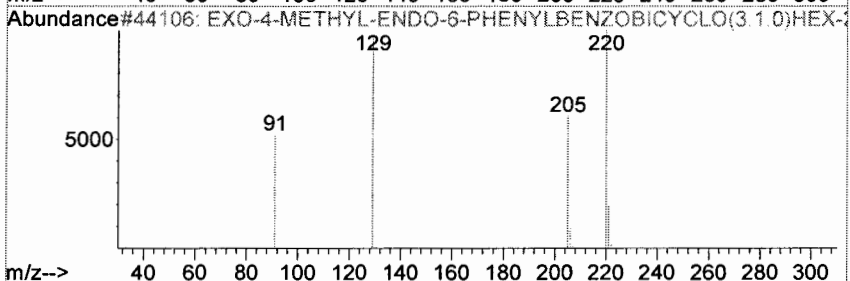
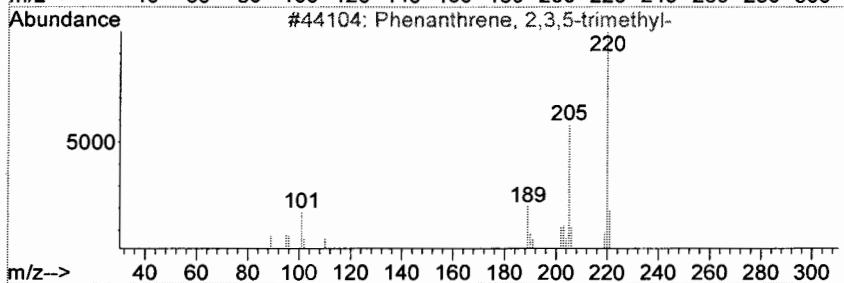
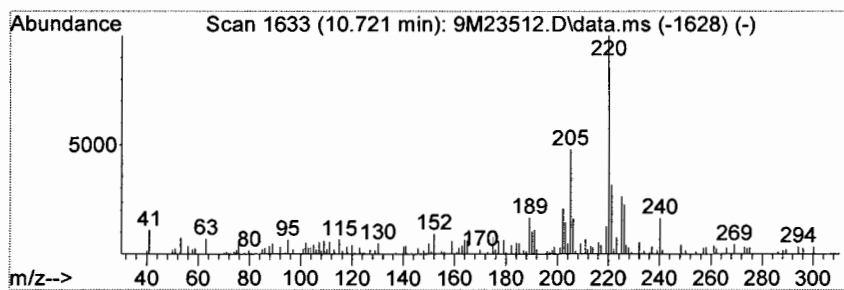
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TIC Integration Parameters: LSCINT.P

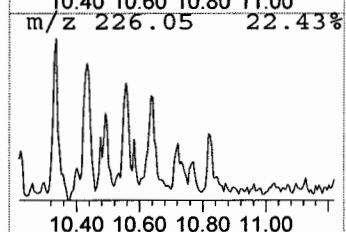
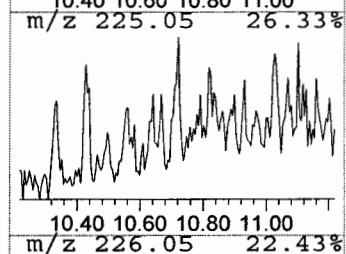
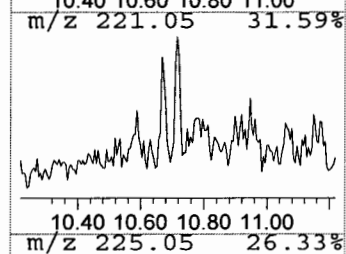
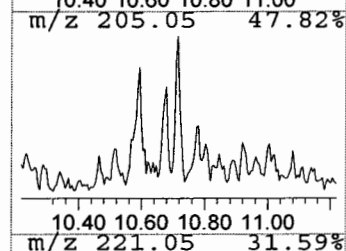
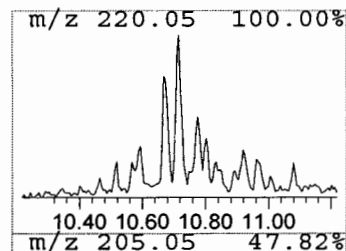
Peak Number 17 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	14.04 ng	79361	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	93
2			EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	64
3			4A,5,8,8A.ALPHA.-TETRAHYDRO-2-ME...	220	C13H16O3	058822-92-7	59
4			5-(2'-HYDROXY-2',6',6'-TRIMETHYL...	238	C15H26O2	069774-17-0	59
5			5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	53



9M_0301.M Thu Mar 04 18:06:42 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
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Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

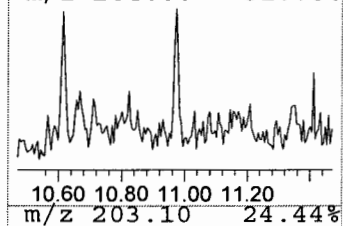
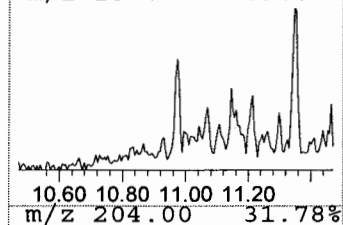
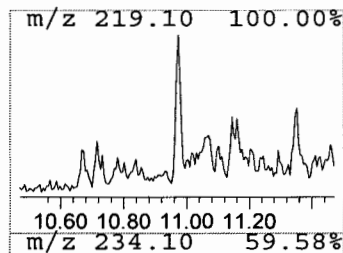
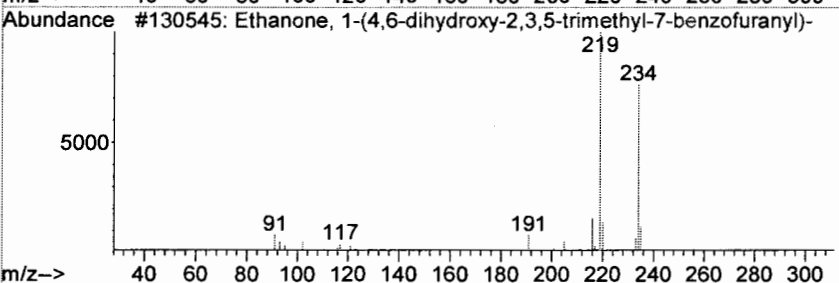
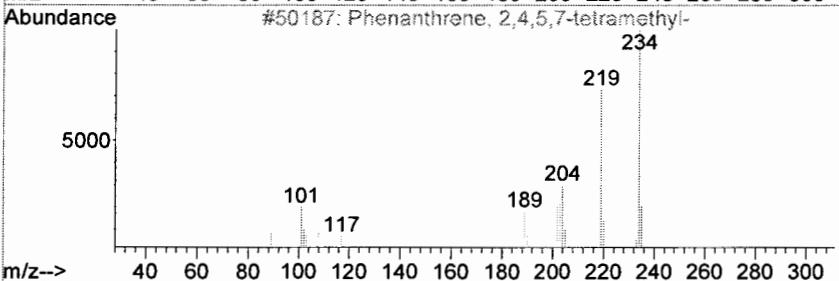
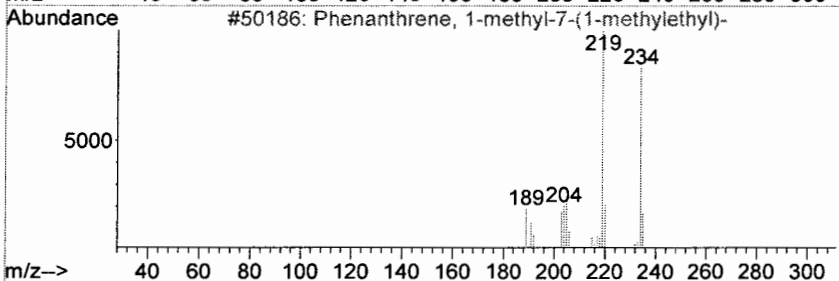
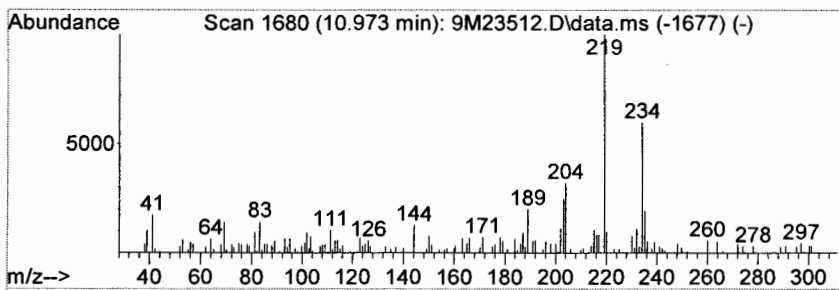
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 18 unknown Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	6.66 ng	37655	LibIS-Chrysene-d12	12.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	42
2	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	42
3	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	37
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	35
5	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	33



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

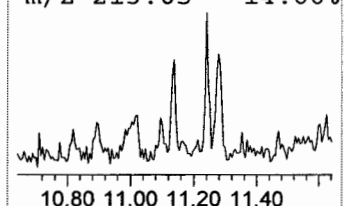
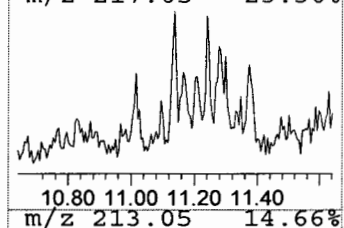
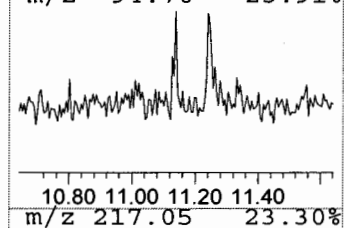
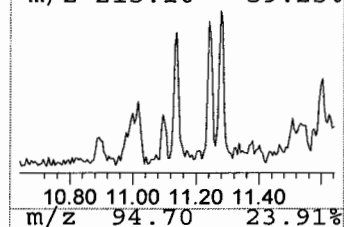
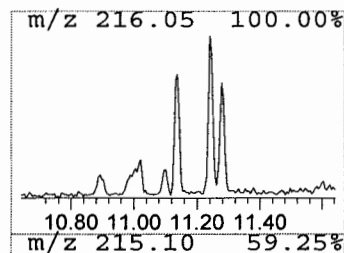
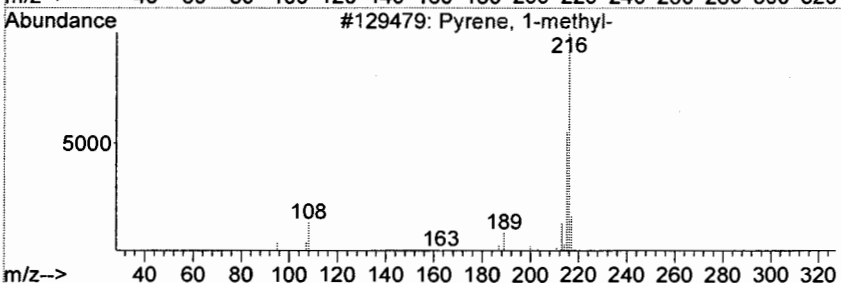
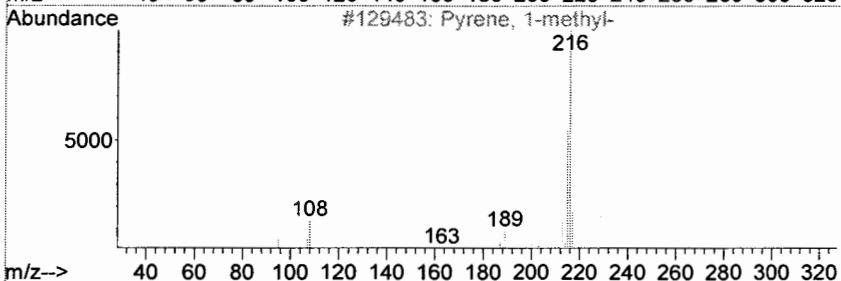
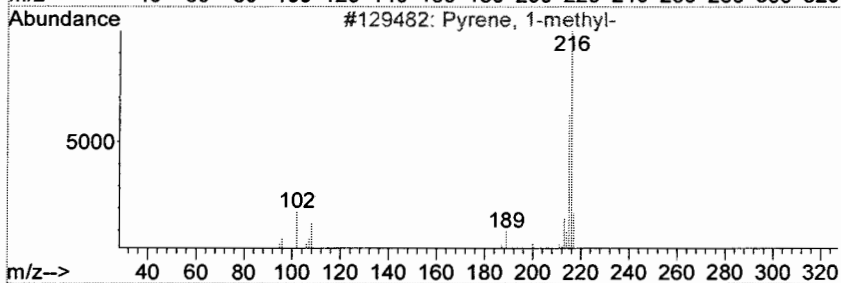
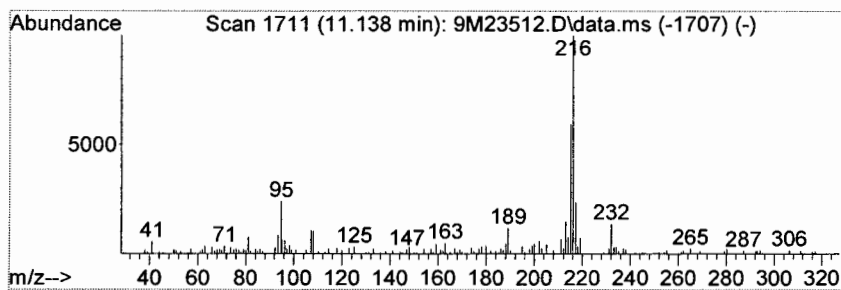
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	9.88 ng	55833	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	74



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
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Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

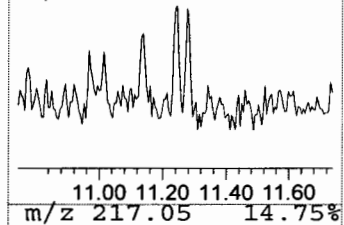
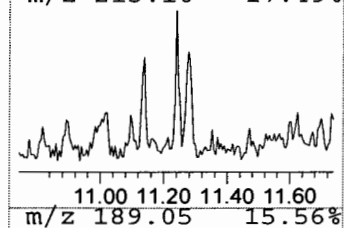
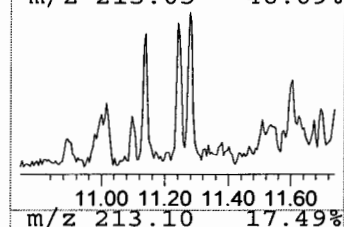
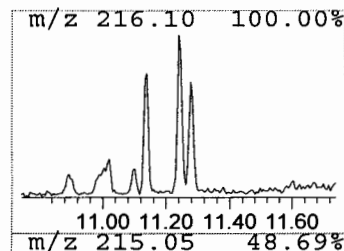
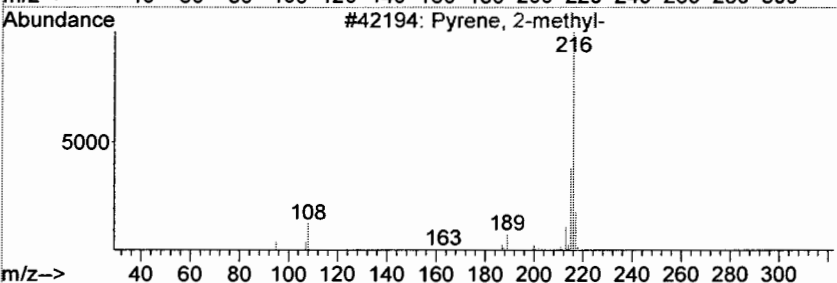
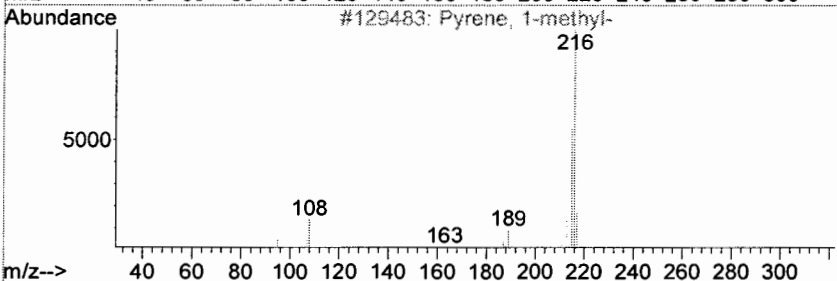
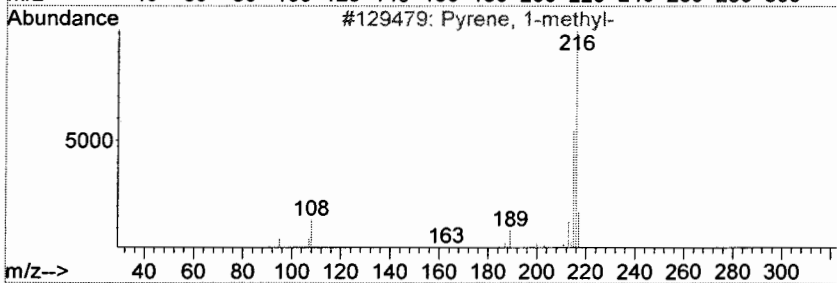
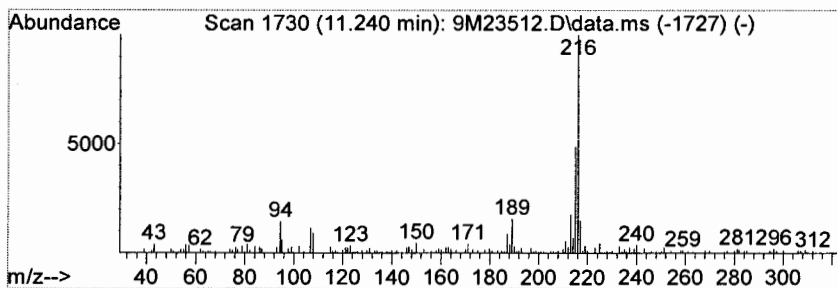
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	12.75 ng	72078	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	81



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

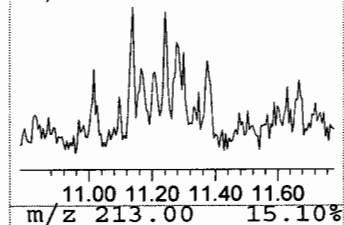
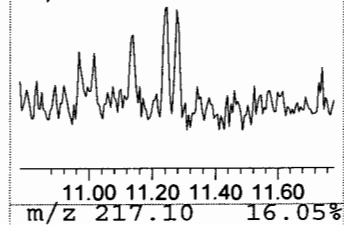
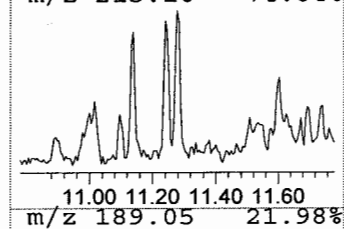
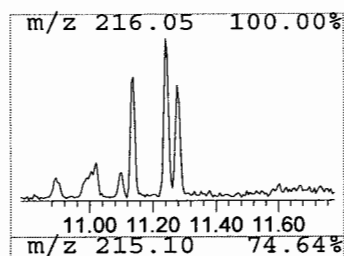
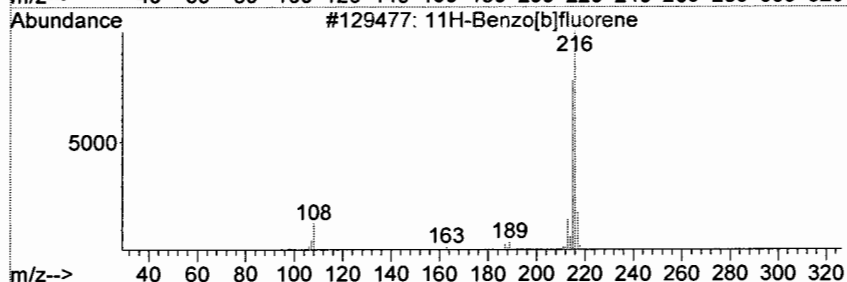
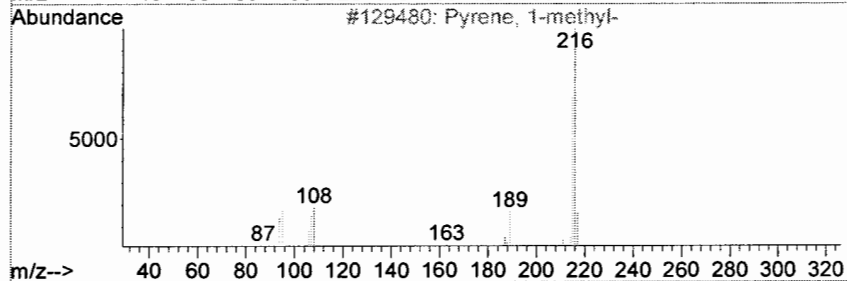
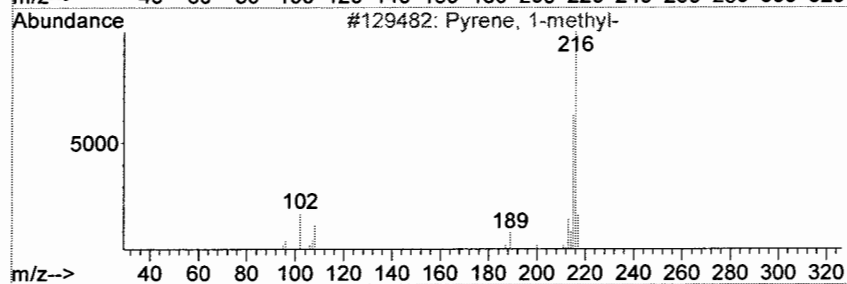
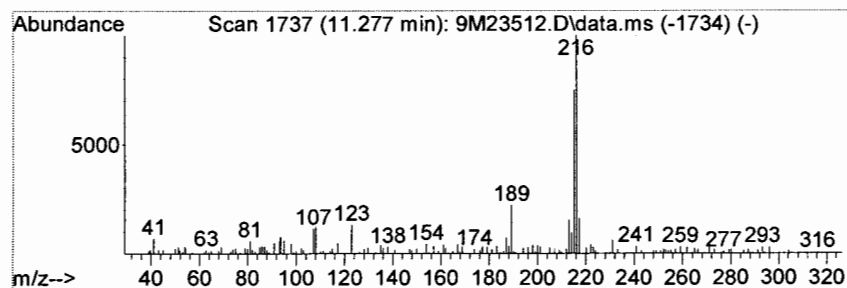
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	11.78 ng	66555	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 ALS Vial : 15 Sample Multiplier: 1

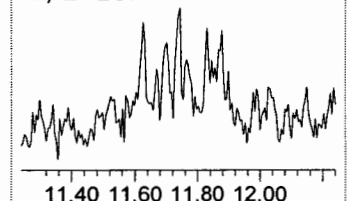
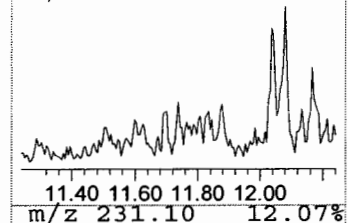
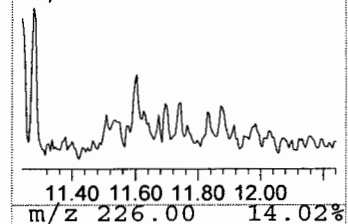
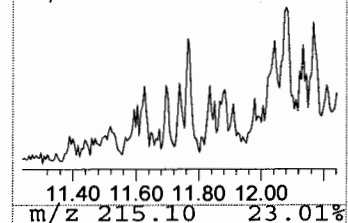
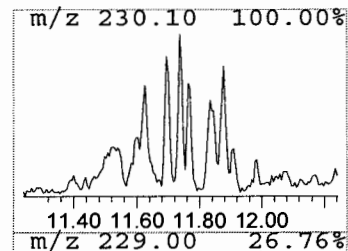
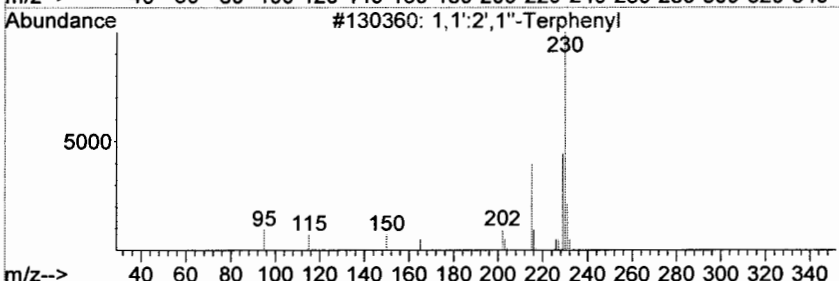
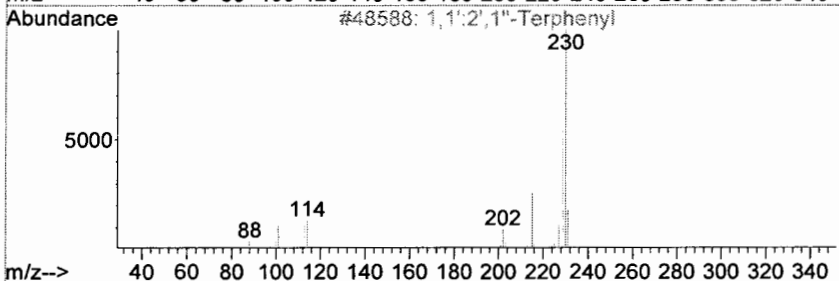
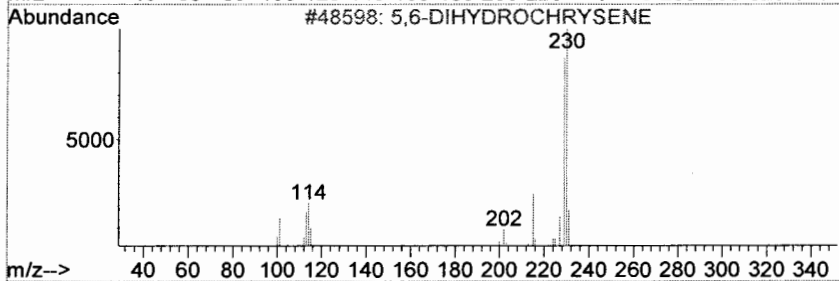
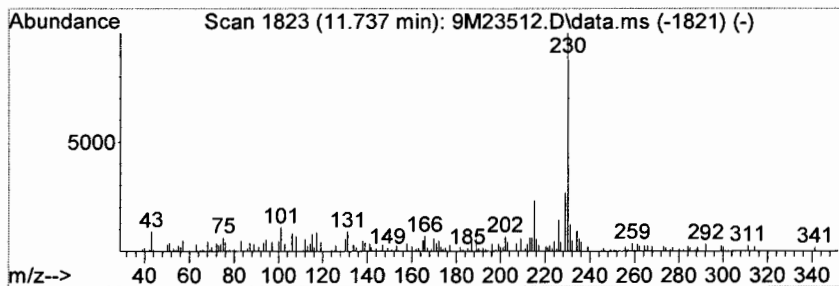
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 22 5,6-DIHYDROCHRYSENE Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	6.20 ng	35054	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,6-DIHYDROCHRYSENE	230	C18H14	002091-92-1	70
2			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	47
3			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	43
4			Benzene, (2,4-cyclopentadien-1-y...	230	C18H14	002175-90-8	38
5			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
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Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

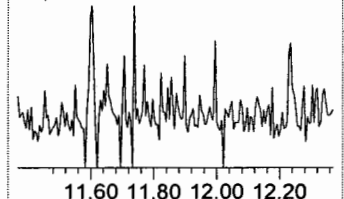
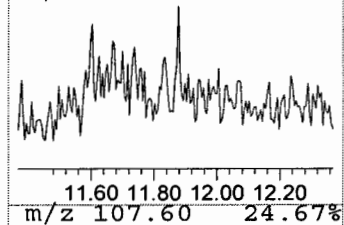
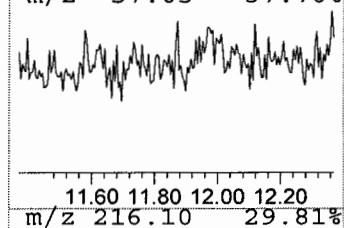
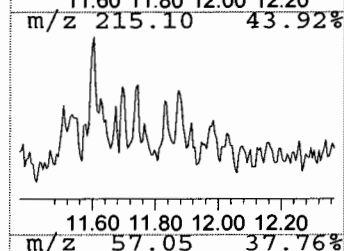
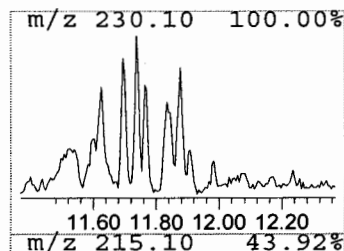
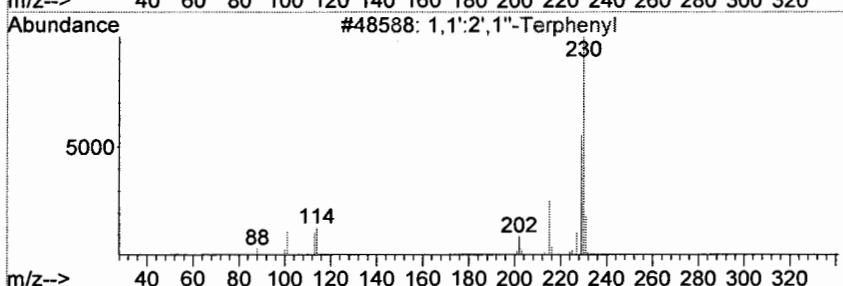
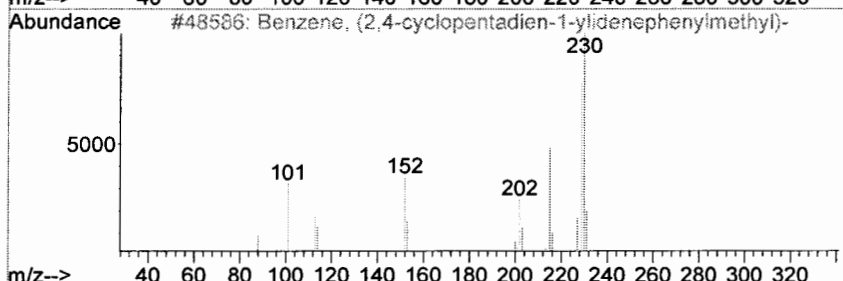
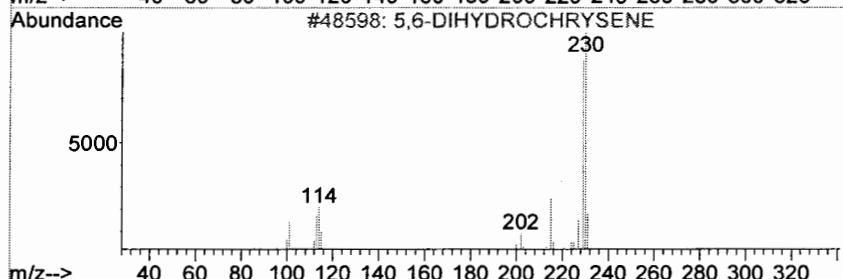
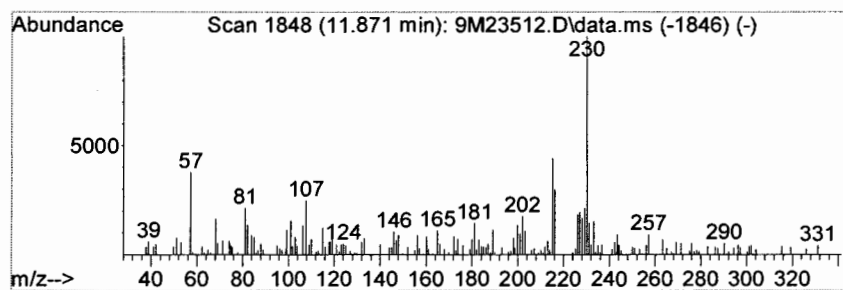
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 5,6-DIHYDROCHRYSENE Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.13 ng	34644	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,6-DIHYDROCHRYSENE	230	C18H14	002091-92-1	64
2			Benzene, (2,4-cyclopentadien-1-y...	230	C18H14	002175-90-8	52
3			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	47
4			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	40
5			1,1':2',1''-Terphenyl	230	C18H14	000084-15-1	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
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Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

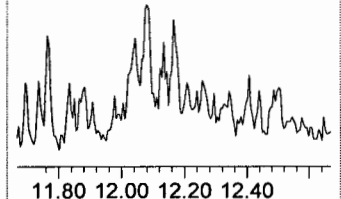
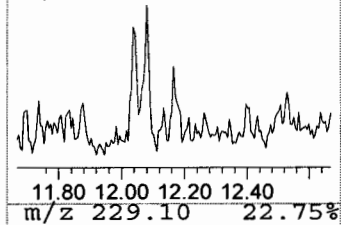
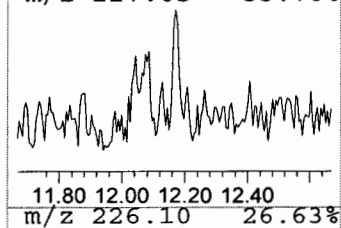
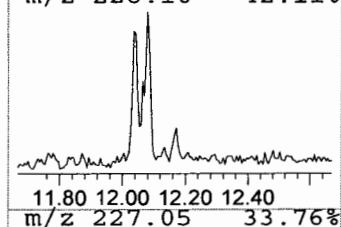
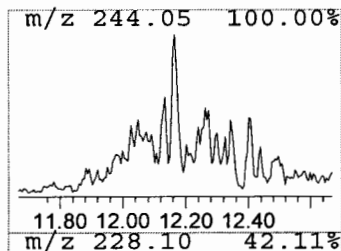
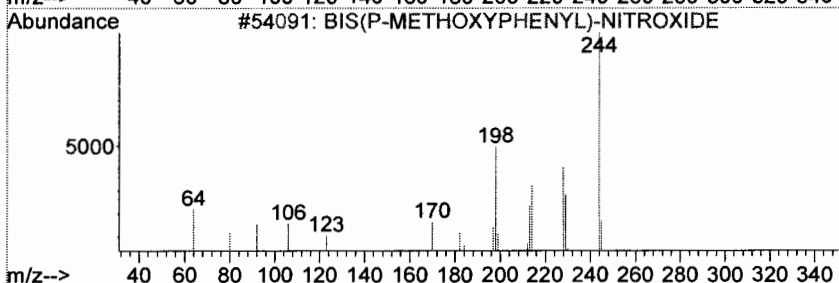
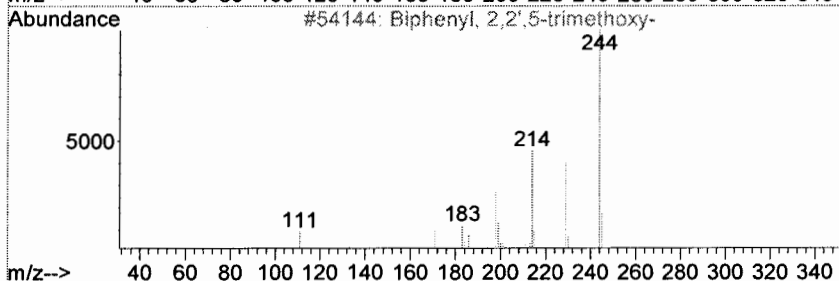
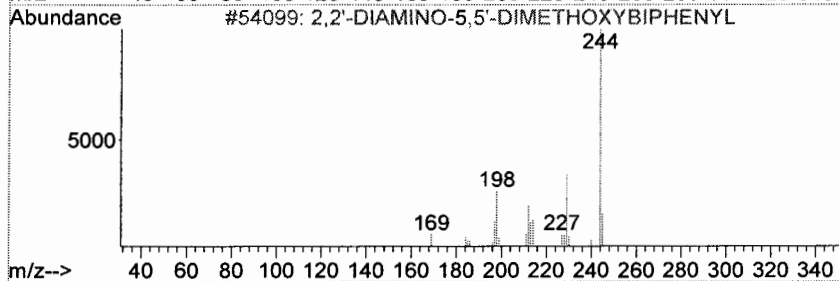
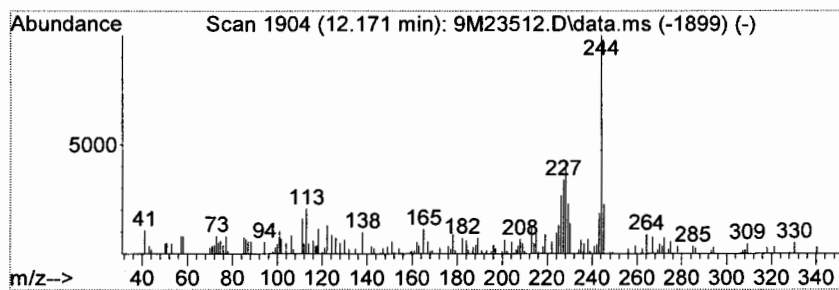
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 24 2,2'-DIAMINO-5,5'-DIMETHOXY... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	7.88 ng	44549	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2'-DIAMINO-5,5'-DIMETHOXYBIPHENYL	244	C14H16N2O2	074199-63-6	49
2			Biphenyl, 2,2',5-trimethoxy-	244	C15H16O3	019718-53-7	38
3			BIS(P-METHOXYPHENYL)-NITROXIDE	244	C14H14NO3	000000-00-0	37
4			[1,1'-Biphenyl]-4,4'-diamine, 3,...	244	C14H16N2O2	000119-90-4	32
5			5-Dicyanomethylene-5H-2-methoxy-...	272	C18H12N2O	084984-41-8	32



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

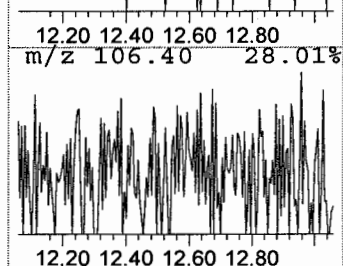
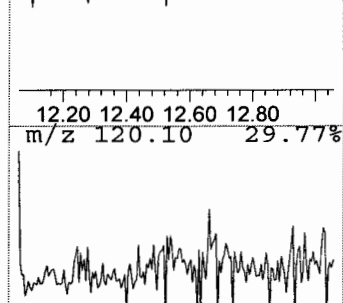
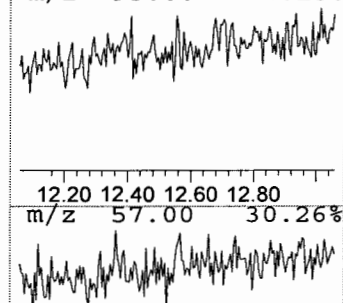
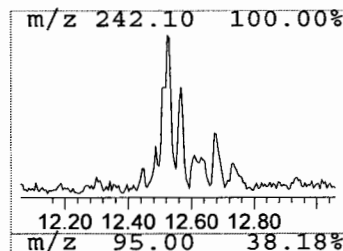
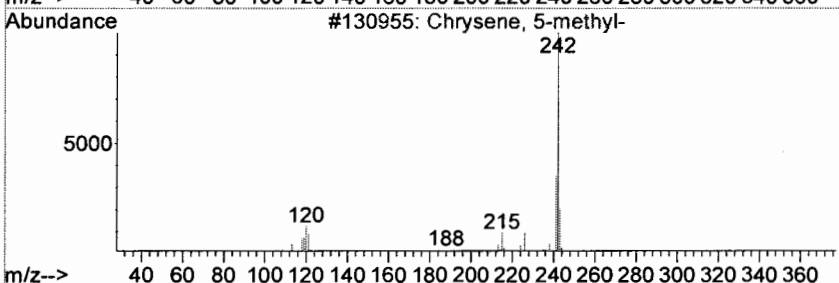
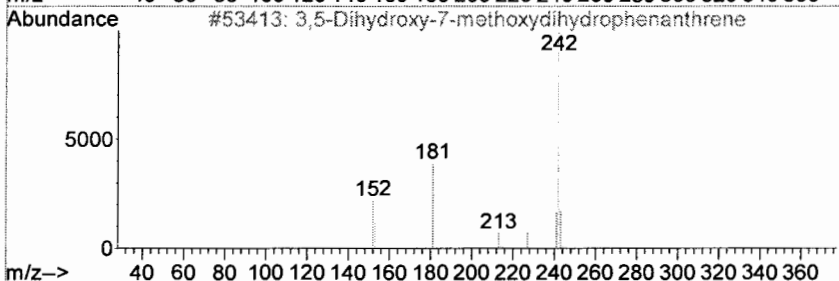
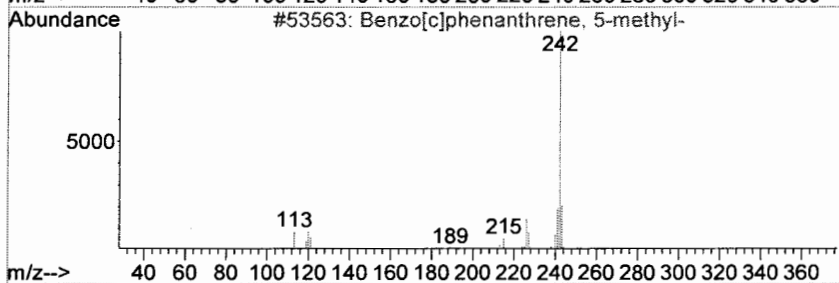
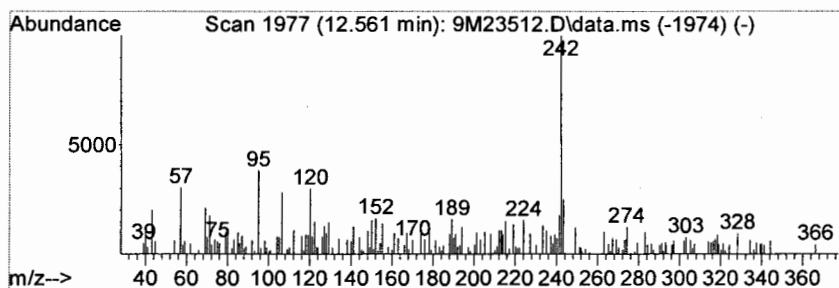
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 25 unknown Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	7.03 ng	39709	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	38
2			3,5-Dihydroxy-7-methoxydihydroph...	242	C15H14O3	071135-80-3	38
3			Chrysene, 5-methyl-	242	C19H14	003697-24-3	38
4			Benzo[c]phenanthrene, 3-methyl-	242	C19H14	002381-19-3	38
5			1H-Imidazole-4,5-dicarboxylic ac...	286	C15H14N2O4	056382-57-1	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

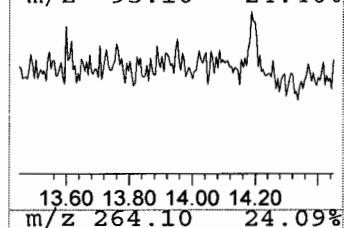
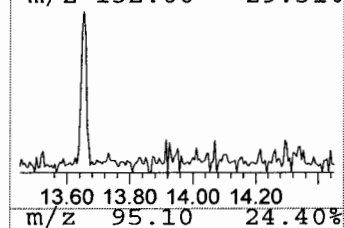
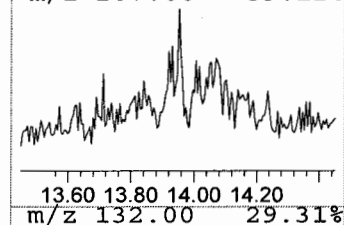
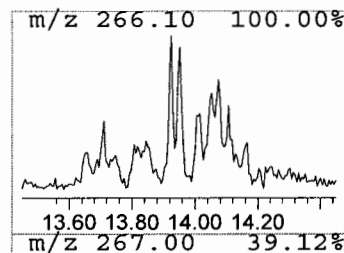
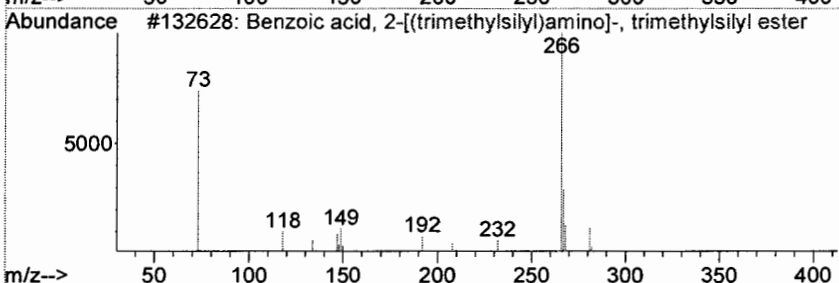
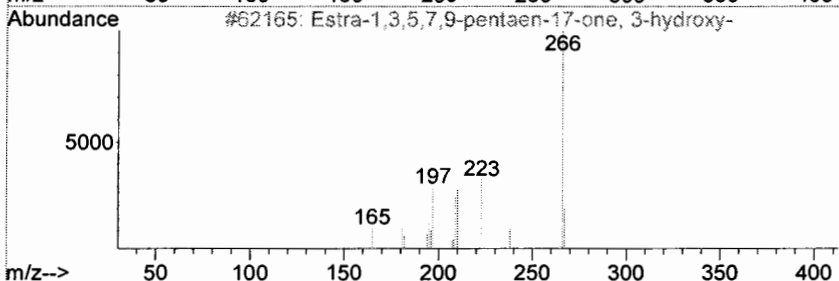
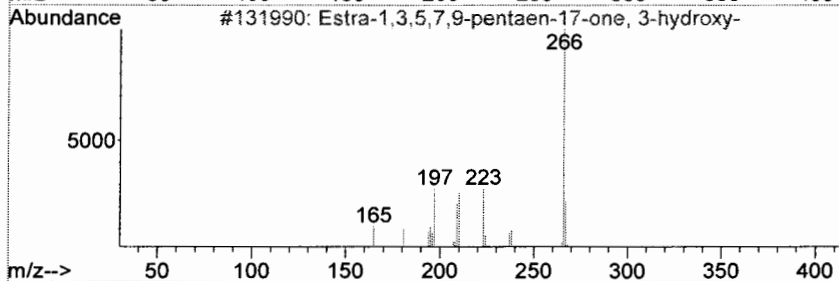
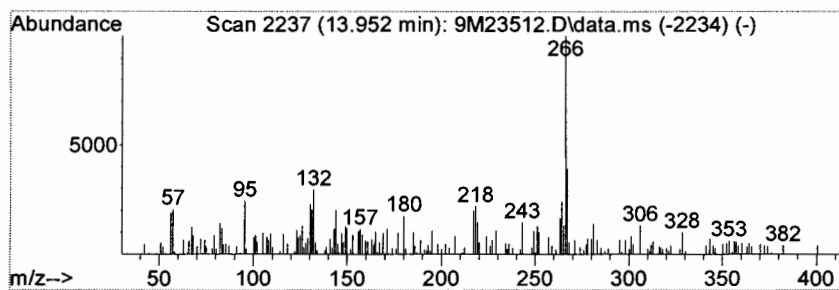
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 26 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	7.54 ng	46024	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Estra-1,3,5,7,9-pentaen-17-one, ...	266	C18H18O2	000517-09-9	38
2			Estra-1,3,5,7,9-pentaen-17-one, ...	266	C18H18O2	000517-09-9	38
3			Benzoic acid, 2-[(trimethylsilyl)amino]-, trimethylsilyl ester	281	C13H23NO2Si2	018406-07-0	38
4			Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	38
5			DIENESTROL	266	C18H18O2	000084-17-3	37



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

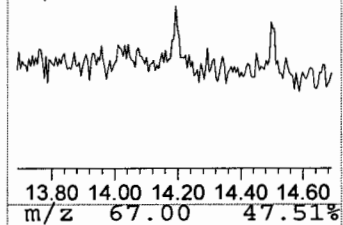
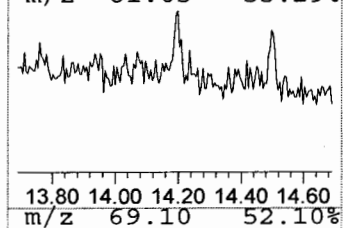
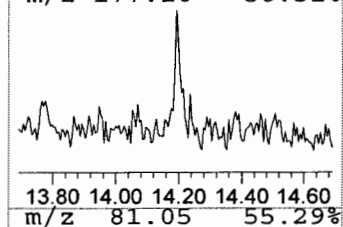
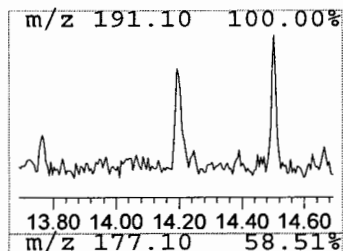
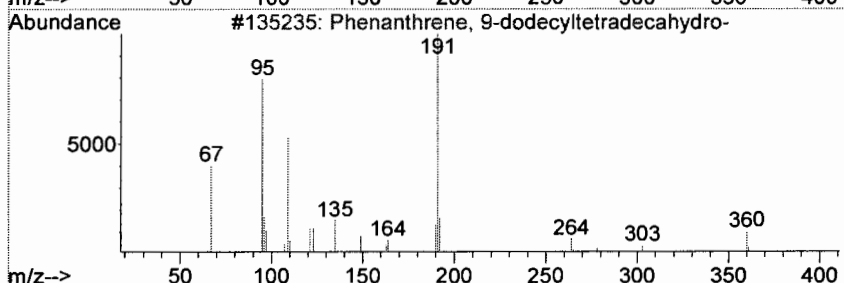
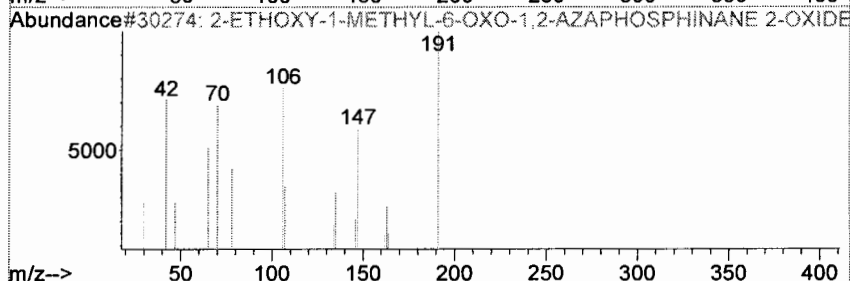
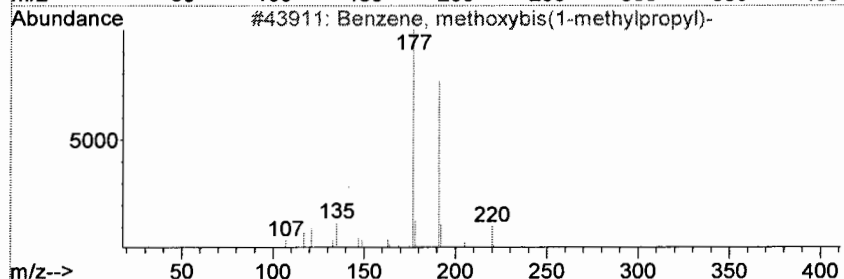
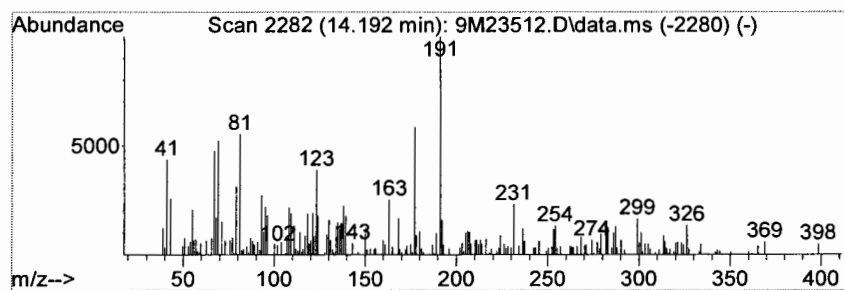
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 27 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	13.76 ng	83984	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, methoxybis(1-methylprop...	220	C15H24O	054852-59-4	38
2			2-ETHOXY-1-METHYL-6-OXO-1,2-AZAP...	191	C7H14NO3P	093989-00-5	30
3			Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	27
4			Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	27
5			9H-Purine, 6-methyl-9-(trimethyl...	206	C9H14N4Si	032865-79-5	27



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23512.D
Acq On : 2 Mar 2010 13:59
Operator : AHD
Sample : AC50034-005(2X)
Misc : S,BNA:2
ALS Vial : 15 Sample Multiplier: 1

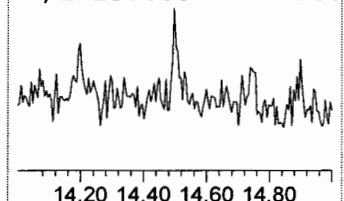
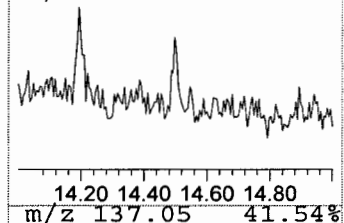
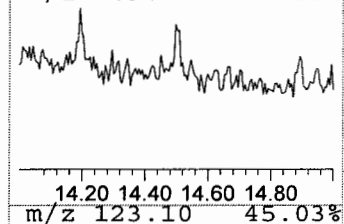
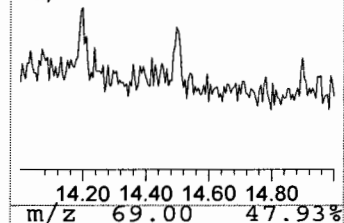
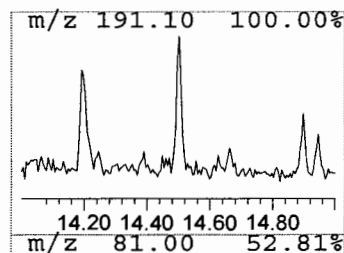
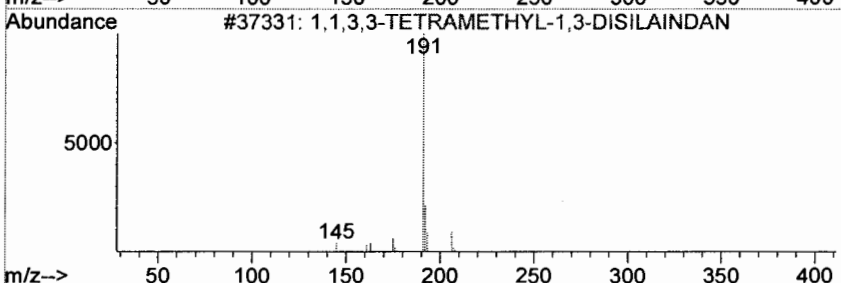
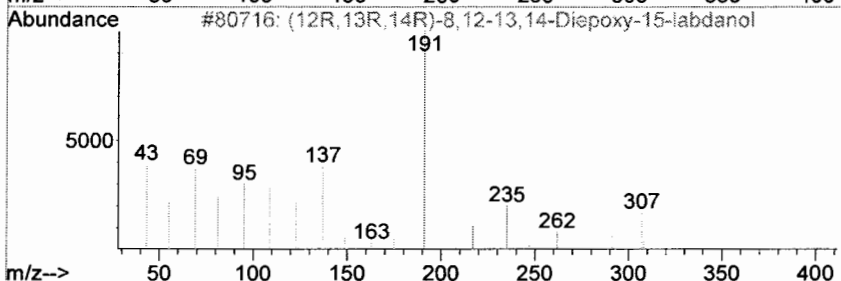
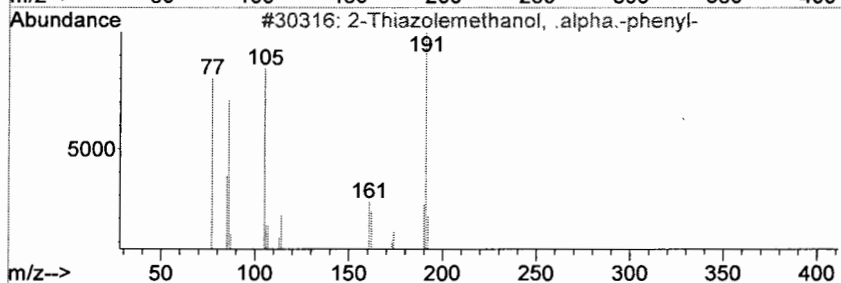
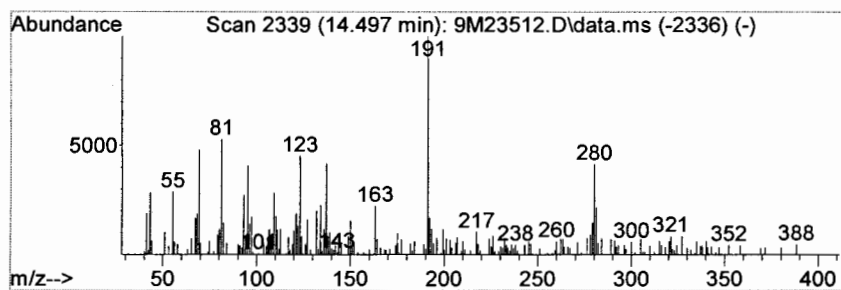
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 28 2-Thiazolemethanol, .alpha.... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	13.40 ng	81818	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Thiazolemethanol, .alpha.-phenyl-	191	C10H9NOS	000879-52-7	53
2			(12R,13R,14R)-8,12-13,14-Diepoxy...	322	C20H34O3	087538-30-5	46
3			1,1,3,3-TETRAMETHYL-1,3-DISILAINDAN	206	C11H18Si2	054113-93-8	38
4			8,12.XI.-EPOXYLABD-14-EN-13.XI.-...	306	C20H34O2	056711-40-1	25
5			8,12.XI.-EPOXYLABD-14-EN-13.XI.-...	306	C20H34O2	056711-39-8	25



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23512.D
 Acq On : 2 Mar 2010 13:59
 Operator : AHD
 Sample : AC50034-005(2X)
 Misc : S,BNA:2
 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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.91	5.9	ng	23701	1	5.26	5.26	159968	40.0
unknown	3.27	8.3	ng	33274	1	5.26	5.26	159968	40.0
2-Pentanone, 4-hy...	3.68	1655.3	ng	6619737	1	5.26	5.26	159968	40.0
Naphthalene, 2-(1...	7.73	6.0	ng	46463	3	7.64	7.64	310283	40.0
unknown	7.99	5.3	ng	41410	3	7.64	7.64	310283	40.0
unknown	8.67	5.8	ng	46018	4	9.04	9.04	319322	40.0
Benzene, 1-fluoro...	9.38	6.4	ng	50787	4	9.04	9.04	319322	40.0
unknown	9.69	6.6	ng	52567	4	9.04	9.04	319322	40.0
3,6-Dimethyldiben...	9.83	6.8	ng	54615	4	9.04	9.04	319322	40.0
2,6-Dimethyldiben...	9.92	5.4	ng	43391	4	9.04	9.04	319322	40.0
unknown	10.08	7.6	ng	60357	4	9.04	9.04	319322	40.0
(+)-3,3,7-Trimet...	10.20	12.4	ng	99361	4	9.04	9.04	319322	40.0
unknown	10.22	7.0	ng	56269	4	9.04	9.04	319322	40.0
Anthracene, 9,10-...	10.29	6.6	ng	53046	4	9.04	9.04	319322	40.0
10-Methoxybenz[a]...	10.43	14.3	ng	113985	4	9.04	9.04	319322	40.0
Phenanthrene, 2,3...	10.67	8.5	ng	47768	5	12.05	12.05	226075	40.0
Phenanthrene, 2,3...	10.72	14.0	ng	79361	5	12.05	12.05	226075	40.0
unknown	10.97	6.7	ng	37655	5	12.05	12.05	226075	40.0
Pyrene, 1-methyl-	11.14	9.9	ng	55833	5	12.05	12.05	226075	40.0
Pyrene, 1-methyl-	11.24	12.8	ng	72078	5	12.05	12.05	226075	40.0
Pyrene, 1-methyl-	11.28	11.8	ng	66555	5	12.05	12.05	226075	40.0
5,6-DIHYDROCHRYSENE	11.74	6.2	ng	35054	5	12.05	12.05	226075	40.0
5,6-DIHYDROCHRYSENE	11.87	6.1	ng	34644	5	12.05	12.05	226075	40.0
2,2'-DIAMINO-5,5'...	12.17	7.9	ng	44549	5	12.05	12.05	226075	40.0
unknown	12.56	7.0	ng	39709	5	12.05	12.05	226075	40.0
unknown	13.95	7.5	ng	46024	6	13.65	13.65	244144	40.0
unknown	14.19	13.8	ng	83984	6	13.65	13.65	244144	40.0
2-Thiazolemethano...	14.50	13.4	ng	81818	6	13.65	13.65	244144	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-006(2X)

Client Id: PI01-TP-RAR1022310S01

Data File: 9M23517.D

Analysis Date: 03/02/10 16:19

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 82

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.16	U	191-24-2	Benzo[g,h,i]perylene	0.16	0.25
122-66-7	1,2-Diphenylhydrazine	0.16	U	207-08-9	Benzo[k]fluoranthene	0.16	U
95-95-4	2,4,5-Trichlorophenol	0.16	U	65-85-0	Benzoic Acid	0.81	U
88-06-2	2,4,6-Trichlorophenol	0.16	U	111-91-1	bis(2-Chloroethoxy)methan	0.16	U
120-83-2	2,4-Dichlorophenol	0.16	U	111-44-4	bis(2-Chloroethyl)ether	0.16	U
105-67-9	2,4-Dimethylphenol	0.16	U	108-60-1	bis(2-chloroisopropyl)ether	0.16	U
51-28-5	2,4-Dinitrophenol	0.81	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.16	U
121-14-2	2,4-Dinitrotoluene	0.16	U	85-68-7	Butylbenzylphthalate	0.16	U
606-20-2	2,6-Dinitrotoluene	0.16	U	86-74-8	Carbazole	0.16	U
91-58-7	2-Chloronaphthalene	0.16	U	218-01-9	Chrysene	0.16	0.36
95-57-8	2-Chlorophenol	0.16	U	53-70-3	Dibenzo[a,h]anthracene	0.16	U
91-57-6	2-Methylnaphthalene	0.16	0.59	132-64-9	Dibenzofuran	0.16	U
95-48-7	2-Methylphenol	0.16	U	84-66-2	Diethylphthalate	0.16	U
88-74-4	2-Nitroaniline	0.16	U	131-11-3	Dimethylphthalate	0.16	U
88-75-5	2-Nitrophenol	0.16	U	84-74-2	Di-n-butylphthalate	0.16	U
106-44-5	3&4-Methylphenol	0.16	U	117-84-0	Di-n-octylphthalate	0.16	U
91-94-1	3,3'-Dichlorobenzidine	0.16	U	206-44-0	Fluoranthene	0.16	0.30
99-09-2	3-Nitroaniline	0.16	U	86-73-7	Fluorene	0.16	0.21
534-52-1	4,6-Dinitro-2-methylphenol	0.81	U	118-74-1	Hexachlorobenzene	0.16	U
101-55-3	4-Bromophenyl-phenylether	0.16	U	87-68-3	Hexachlorobutadiene	0.16	U
59-50-7	4-Chloro-3-methylphenol	0.16	U	77-47-4	Hexachlorocyclopentadiene	0.81	U
106-47-8	4-Chloroaniline	0.16	U	67-72-1	Hexachloroethane	0.16	U
7005-72-3	4-Chlorophenyl-phenylether	0.16	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.16	U
100-01-6	4-Nitroaniline	0.16	U	78-59-1	Isophorone	0.16	U
100-02-7	4-Nitrophenol	0.16	U	91-20-3	Naphthalene	0.16	0.26
83-32-9	Acenaphthene	0.16	0.21	98-95-3	Nitrobenzene	0.16	U
208-96-8	Acenaphthylene	0.16	U	62-75-9	N-Nitrosodimethylamine	0.16	U
62-53-3	Aniline	0.16	U	621-64-7	N-Nitroso-di-n-propylamine	0.16	U
120-12-7	Anthracene	0.16	0.19	86-30-6	n-Nitrosodiphenylamine	0.16	U
92-87-5	Benzidine	0.81	U	87-86-5	Pentachlorophenol	0.81	U
56-55-3	Benzo[a]anthracene	0.16	0.27	85-01-8	Phenanthrene	0.16	0.78
50-32-8	Benzo[a]pyrene	0.16	0.19	108-95-2	Phenol	0.16	U
205-99-2	Benzo[b]fluoranthene	0.16	0.23	129-00-0	Pyrene	0.16	0.89

Worksheet #: 144328

Total Target Concentration 4.7

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-006(2X)

Client Id: PI01-TP-RAR1022310S

Data File: 9M23517.D

Analysis Date: 03/02/10 16:19

Date Rec/Extracted: 02/25/10-03/02/10

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 82

Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.27	0.95 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.69	170 JAB
3	90-12-0	Naphthalene, 1-methyl-	6.89	0.71 J
4	575-41-7	Naphthalene, 1,3-dimethyl-	7.30	1.1 J
5	571-58-4	Naphthalene, 1,4-dimethyl-	7.36	0.98 J
6	581-42-0	Naphthalene, 2,6-dimethyl-	7.38	0.75 J
7	2131-41-1	Naphthalene, 1,4,5-trimethyl-	7.73	0.84 J
8	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.81	0.72 J
9	4612-63-9	9H-Fluorene, 2,3-dimethyl-	9.16	0.66 J
10	2531-84-2	Phenanthrene, 2-methyl-	9.58	0.99 J
11	613-12-7	Anthracene, 2-methyl-	9.60	0.89 J
12	779-02-2	Anthracene, 9-methyl-	9.69	0.96 J
13	89816-75-1	2,6-Dimethyldibenzothiophene	9.83	1.2 J
14	24035-50-5	1-Phenanthrenecarboxaldehyde, 1,2,3,4	10.08	1.8 J
15	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.11	0.66 J
16	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.19	1.6 J
17	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.29	0.70 J
18	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.43	2.3 J
19	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	0.73 J
20	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	1.1 J
21	16914-12-8	(E,E)-2,5-Diphenyl-2,4-hexadiene	10.97	2.4 J
22		unknown	11.02	0.86 J
23		unknown	11.34	0.77 J
24		unknown	14.02	0.66 J
25		unknown	15.16	2.1 J

Worksheet #: 144328

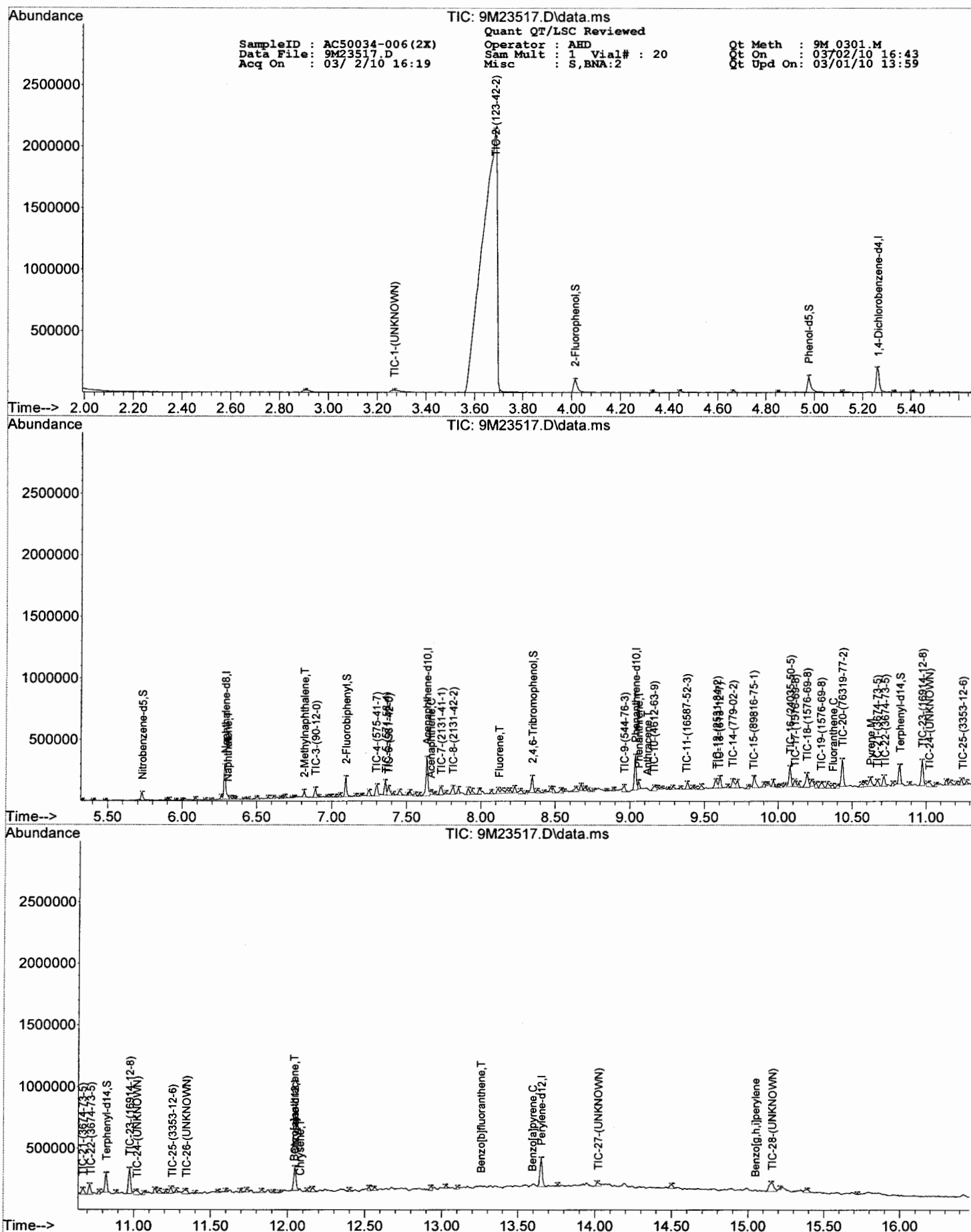
Total Tentatively Identified Concentration 200**A - Indicates an aldol condensate.****J - Indicates an estimated value.****B - Indicates the analyte was found in the blank as well as in the sample.**

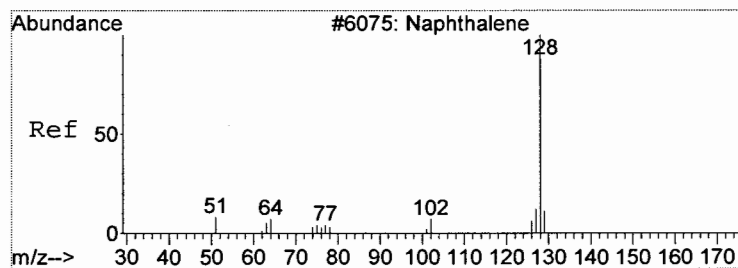
Quantitation Report (QT/LSC Reviewed)

SampleID : AC50034-006(2X) Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23517.D Sam Mult : 1 Vial# : 20 Qt On : 03/02/10 16:43
 Acq On : 03/ 2/10 16:19 Misc : S,BNA:2 Qt Upd On: 03/01/10 13:59

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 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

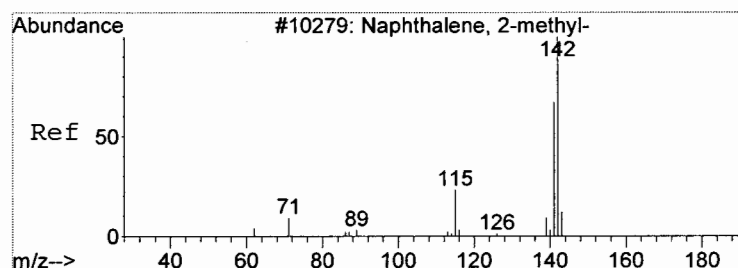
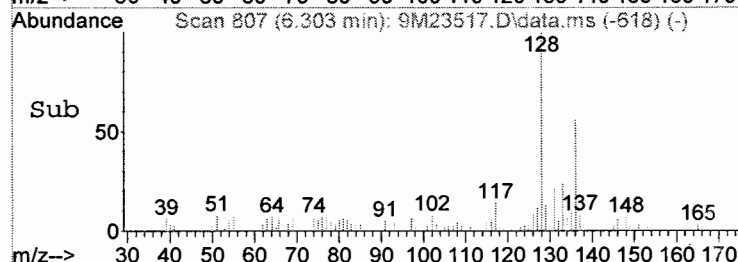
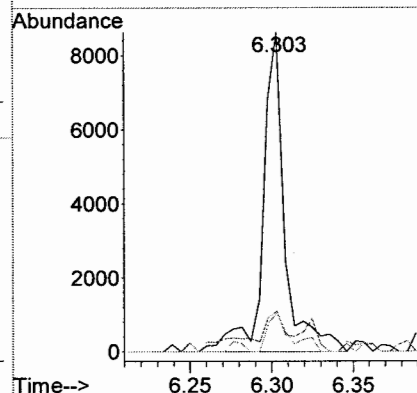
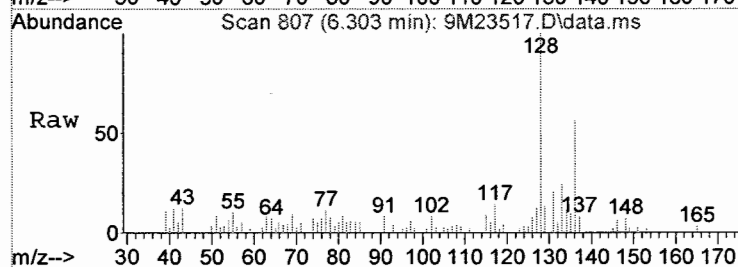
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.266	152	26418	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	98733	40.00	ng	0.00
47) Acenaphthene-d10	7.635	164	57419	40.00	ng	-0.01
73) Phenanthrene-d10	9.036	188	88727	40.00	ng	0.00
87) Chrysene-d12	12.048	240	66291	40.00	ng	-0.01
102) Perylene-d12	13.652	264	75296	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	31107	43.79	ng	0.00
Spiked Amount 100.000			Recovery =	43.79%		
15) Phenol-d5	4.977	99	38969	42.07	ng	0.00
Spiked Amount 100.000			Recovery =	42.07%		
30) Nitrobenzene-d5	5.731	128	8782	21.22	ng	0.00
Spiked Amount 50.000			Recovery =	42.44%		
52) 2-Fluorobiphenyl	7.095	172	38696	19.70	ng	0.00
Spiked Amount 50.000			Recovery =	39.40%		
76) 2,4,6-Tribromophenol	8.346	330	7729	46.86	ng	-0.01
Spiked Amount 100.000			Recovery =	46.86%		
90) Terphenyl-d14	10.823	244	44458	23.37	ng	0.00
Spiked Amount 50.000			Recovery =	46.74%		
Target Compounds						
						Qvalue
39) Naphthalene	6.303	128	7997	3.18	ng	98
44) 2-Methylnaphthalene	6.817	142	12402	7.23	ng	97
61) Acenaphthene	7.662	153	4454	2.61	ng	81
68) Fluorene	8.122	166	5010	2.64	ng	94
82) Phenanthrene	9.058	178	24745	9.58	ng	95
83) Anthracene	9.117	178	6095	2.30	ng	86
86) Fluoranthene	10.368	202	10343	3.68	ng	84
88) Pyrene	10.625	202	29195	10.94	ng	85
99) Benzo[a]anthracene	12.042	228	7871	3.27	ng	84
100) Chrysene	12.080	228	10165	4.41	ng	72
104) Benzo[b]fluoranthene	13.257	252	7218m	2.87	ng	
106) Benzo[a]pyrene	13.593	252	5475	2.34	ng	78
109) Benzo[g,h,i]perylene	15.048	276	6296	3.06	ng	74
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.260		174970	40.00	ng	--
2) Naphthalene-d8	6.282		312696	40.00	ng	--
3) Acenaphthene-d10	7.635		308858	40.00	ng	--
4) Phenanthrene-d10	9.036		301786	40.00	ng	--
5) Chrysene-d12	12.048		264405	40.00	ng	--
6) Perylene-d12	13.652		251939	40.00	ng	--
Library Search Compounds						
1) UNKNOWN	3.270		51213	11.71	ng	--
2) 123-42-2	3.690		9068726	2073.21	ng	64
3) 90-12-0	6.890		68600	8.78	ng	94
4) 575-41-7	7.300		102839	13.32	ng	97
5) 571-58-4	7.360		93149	12.06	ng	96
6) 581-42-0	7.380		71479	9.26	ng	90
7) 2131-41-1	7.730		80024	10.36	ng	89
8) 2131-42-2	7.810		68567	8.88	ng	95
9) 544-76-3	8.960		60090	7.96	ng	74
10) 4612-63-9	9.160		60876	8.07	ng	89
11) 16587-52-3	9.380		60625	8.04	ng	76
12) 2531-84-2	9.580		91626	12.14	ng	81
13) 613-12-7	9.600		82629	10.95	ng	81
14) 779-02-2	9.690		89078	11.81	ng	68
15) 89816-75-1	9.830		113230	15.01	ng	50
16) 24035-50-5	10.080		162979	21.60	ng	64
17) 1576-69-8	10.110		61204	8.11	ng	94
18) 1576-69-8	10.190		147509	19.55	ng	93
19) 1576-69-8	10.290		65181	8.64	ng	87
20) 76319-77-2	10.430		209802	27.81	ng	64
21) 3674-73-5	10.670		59491	9.00	ng	58
22) 3674-73-5	10.720		88579	13.40	ng	91
23) 16914-12-8	10.970		194061	29.36	ng	91
24) UNKNOWN	11.020		70083	10.60	ng	--
25) 3353-12-6	11.250		52781	7.98	ng	90
26) UNKNOWN	11.340		62857	9.51	ng	--
27) UNKNOWN	14.020		51130	8.12	ng	--
28) UNKNOWN	15.160		162686	25.83	ng	--





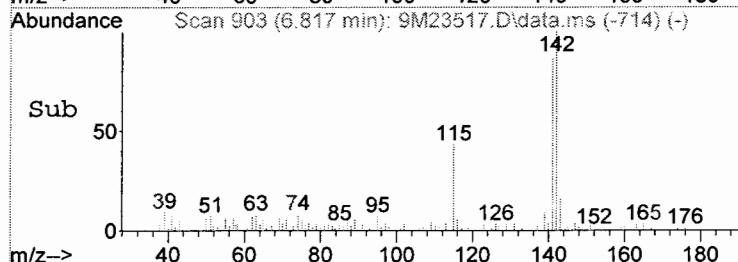
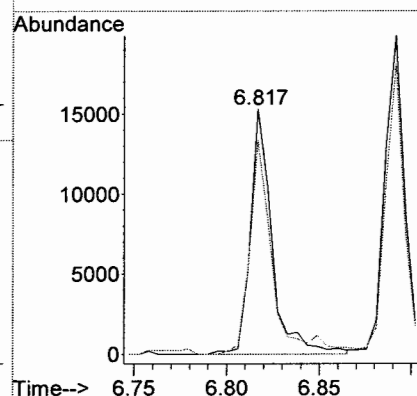
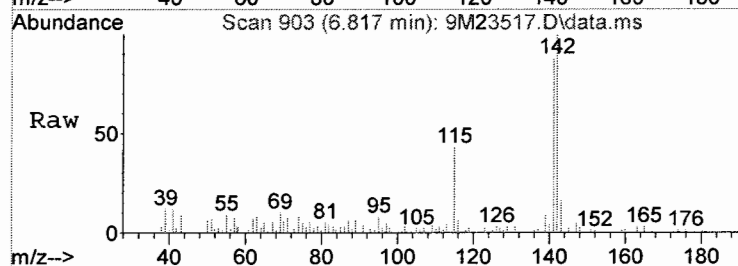
#39
Naphthalene
Concen: 3.18 ng
RT: 6.303 min Scan# 807
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

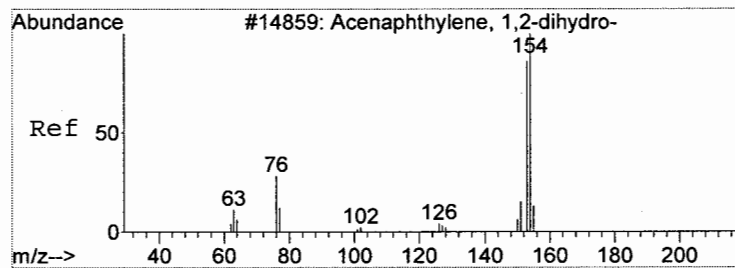
Tgt Ion:128 Resp: 7997
Ion Ratio Lower Upper
128 100
129 12.7 0.0 50.9
127 12.2 0.0 52.4



#44
2-Methylnaphthalene
Concen: 7.23 ng
RT: 6.817 min Scan# 903
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

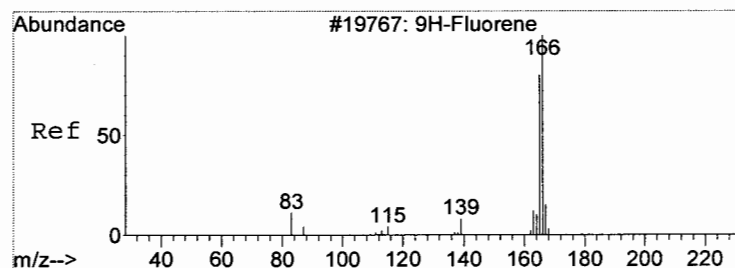
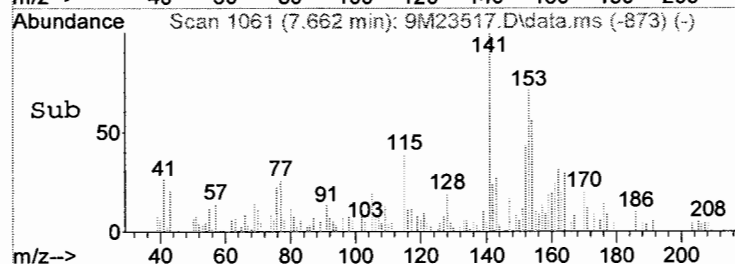
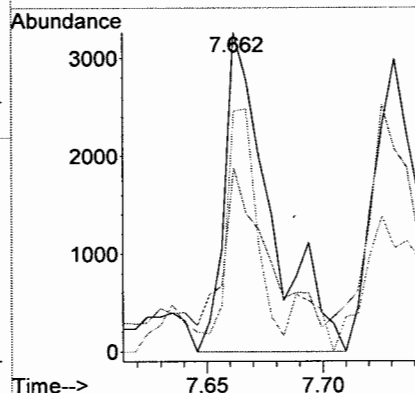
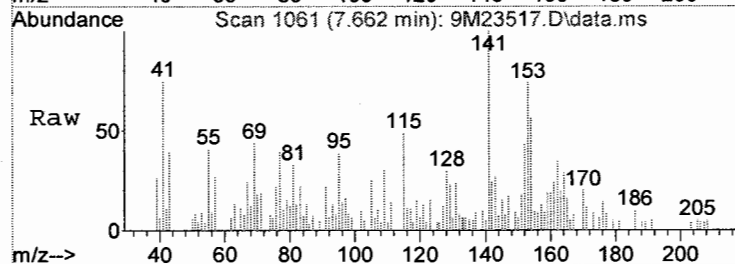
Tgt Ion:142 Resp: 12402
Ion Ratio Lower Upper
142 100
141 87.2 44.6 124.6





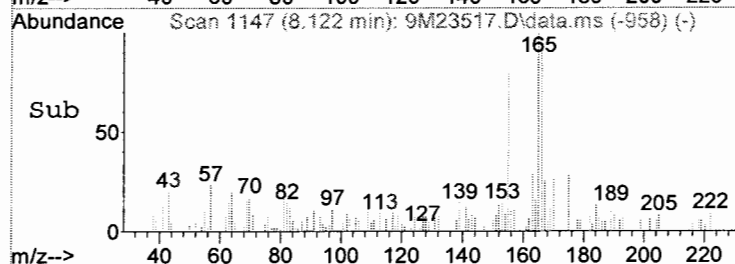
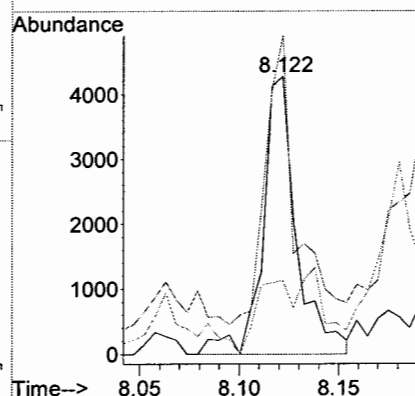
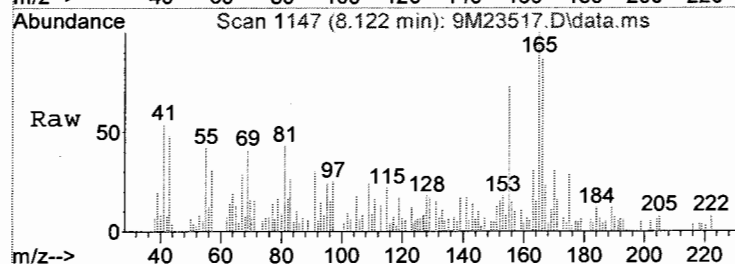
#61
Acenaphthene
Concen: 2.61 ng
RT: 7.662 min Scan# 1061
Delta R.T. -0.011 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

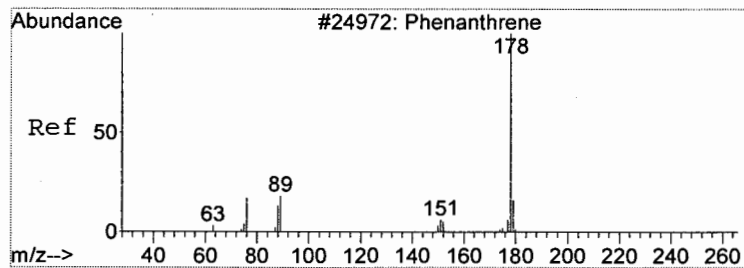
Tgt Ion: 153 Resp: 4454
Ion Ratio Lower Upper
153 100
152 49.4 10.0 90.0
154 69.2 57.5 137.5



#68
Fluorene
Concen: 2.64 ng
RT: 8.122 min Scan# 1147
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

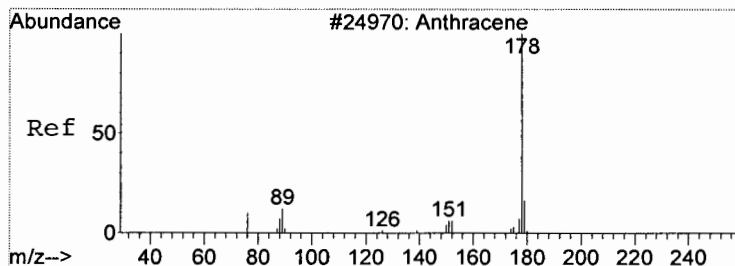
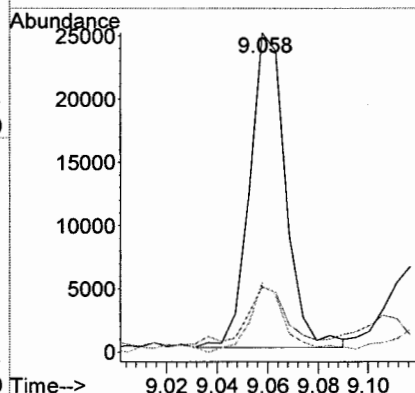
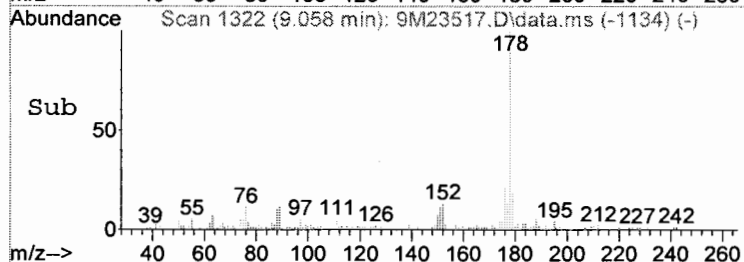
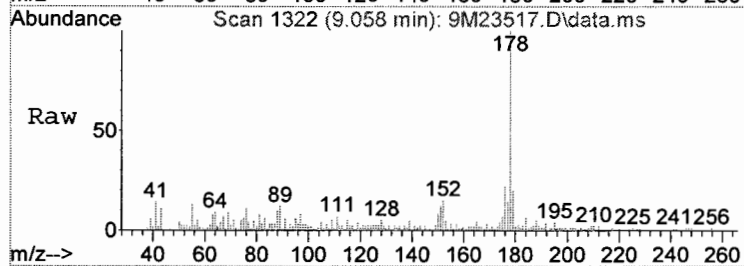
Tgt Ion: 166 Resp: 5010
Ion Ratio Lower Upper
166 100
165 96.3 0.0 292.6
167 20.0 0.0 213.2





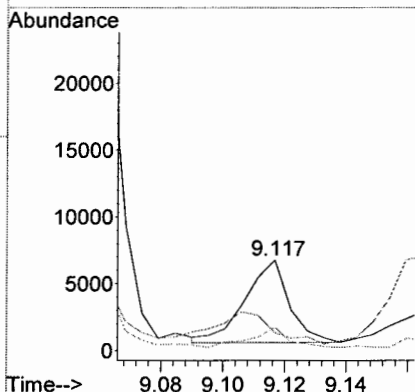
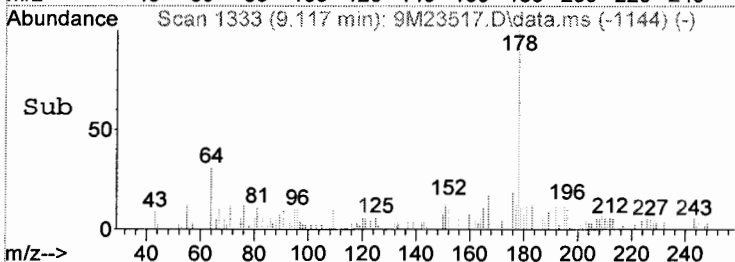
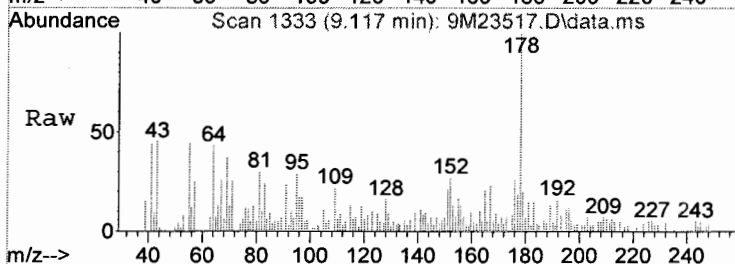
#82
Phenanthrene
Concen: 9.58 ng
RT: 9.058 min Scan# 1322
Delta R.T. -0.011 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

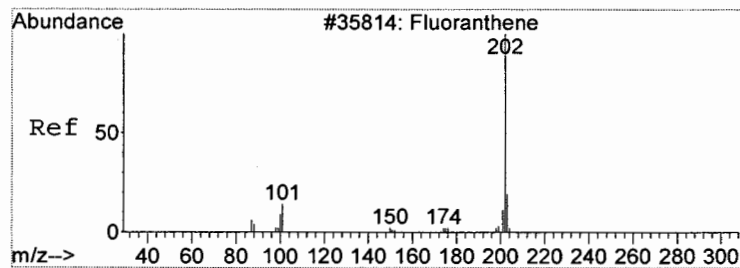
Tgt Ion:178 Resp: 24745
Ion Ratio Lower Upper
178 100
179 18.2 0.0 55.5
176 20.6 0.0 59.3



#83
Anthracene
Concen: 2.30 ng
RT: 9.117 min Scan# 1333
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

Tgt Ion:178 Resp: 6095
Ion Ratio Lower Upper
178 100
179 9.5 0.0 55.2
176 24.7 0.0 58.1





#86

Fluoranthene

Concen: 3.68 ng

RT: 10.368 min Scan# 1567

Delta R.T. -0.005 min

Lab File: 9M23517.D

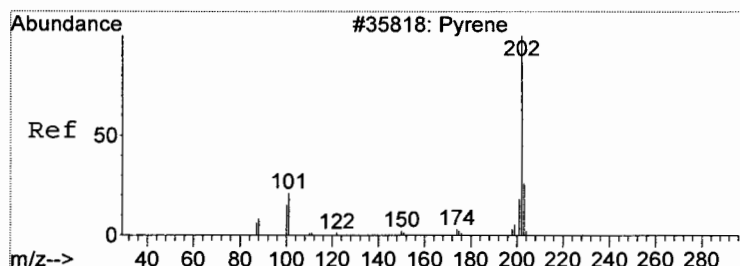
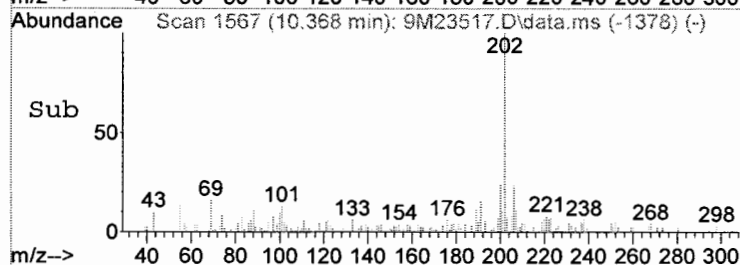
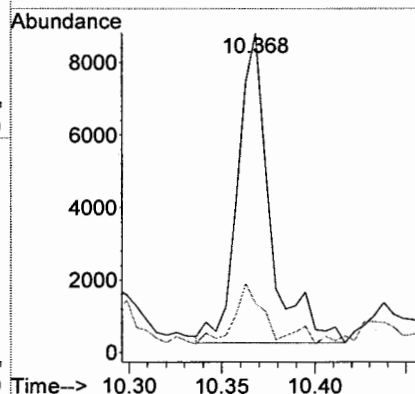
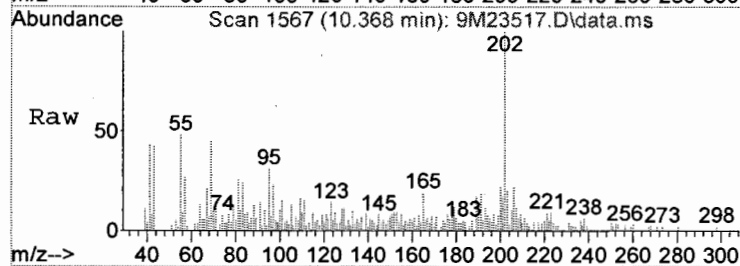
Acq: 2 Mar 2010 16:19

Tgt Ion:202 Resp: 10343

Ion Ratio Lower Upper

202 100

101 10.5 0.0 57.6



#88

Pyrene

Concen: 10.94 ng

RT: 10.625 min Scan# 1615

Delta R.T. -0.005 min

Lab File: 9M23517.D

Acq: 2 Mar 2010 16:19

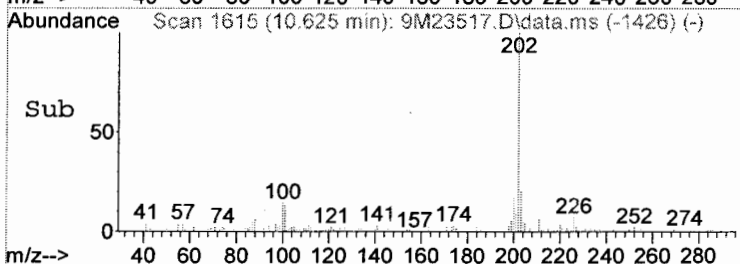
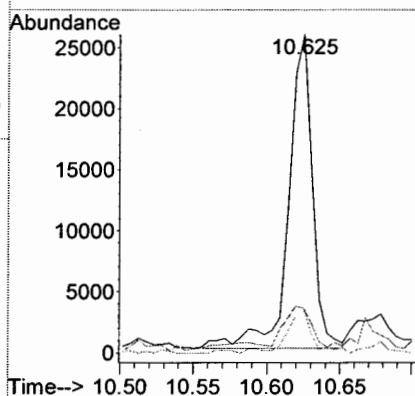
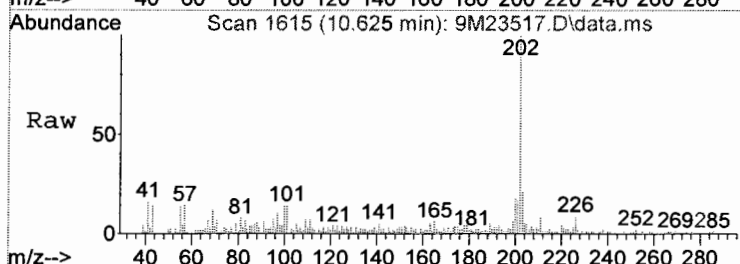
Tgt Ion:202 Resp: 29195

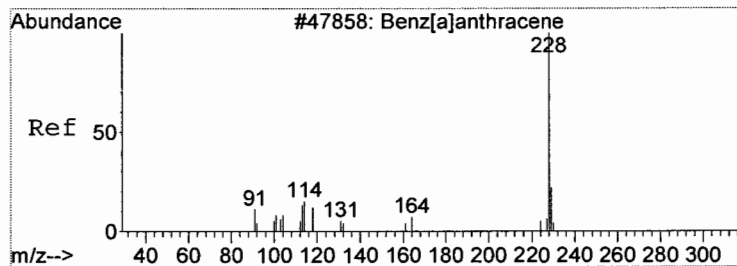
Ion Ratio Lower Upper

202 100

101 12.1 0.0 62.2

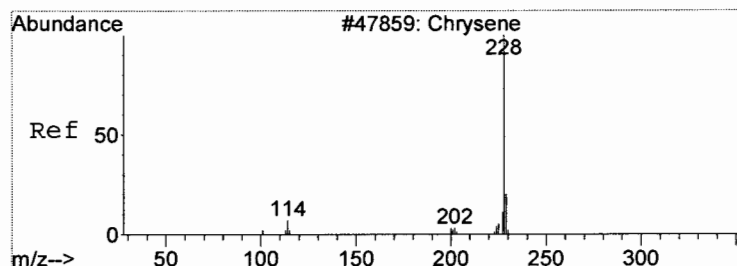
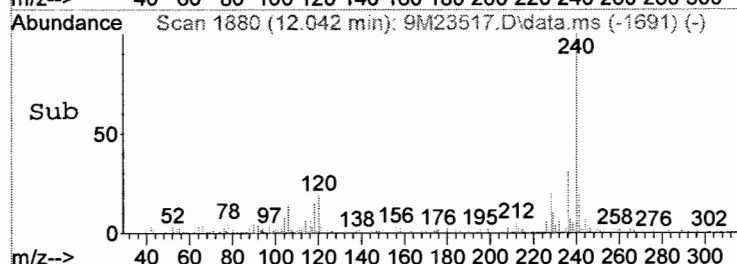
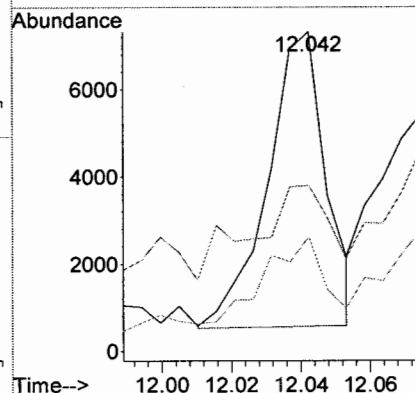
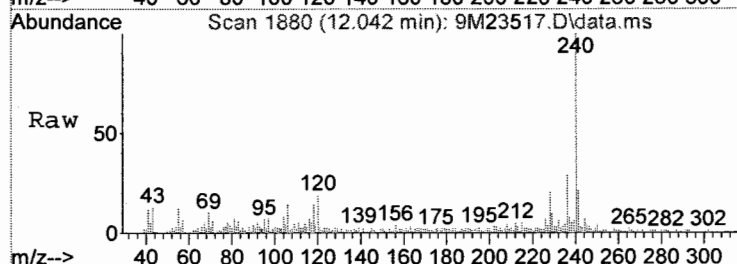
100 14.2 0.0 57.8





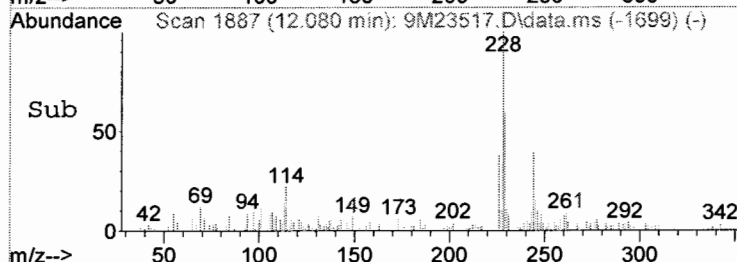
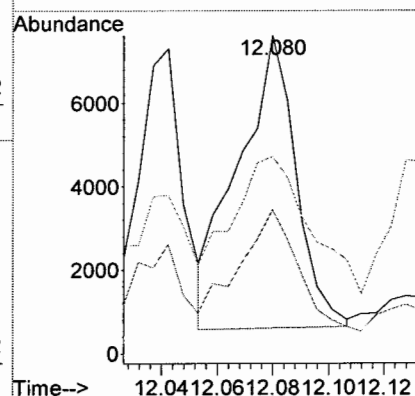
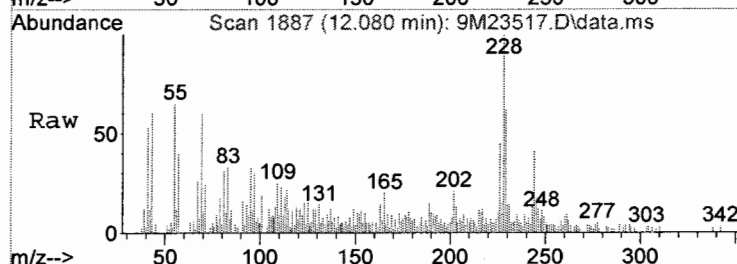
#99
Benzo[a]anthracene
Concen: 3.27 ng
RT: 12.042 min Scan# 1880
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

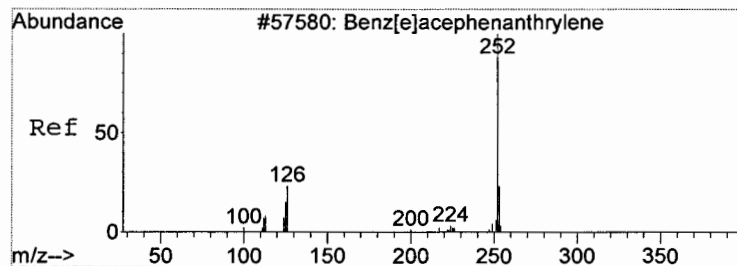
Tgt Ion: 228 Resp: 7871
Ion Ratio Lower Upper
228 100
229 32.1 0.0 59.5
226 29.6 0.0 66.0



#100
Chrysene
Concen: 4.41 ng
RT: 12.080 min Scan# 1887
Delta R.T. -0.011 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

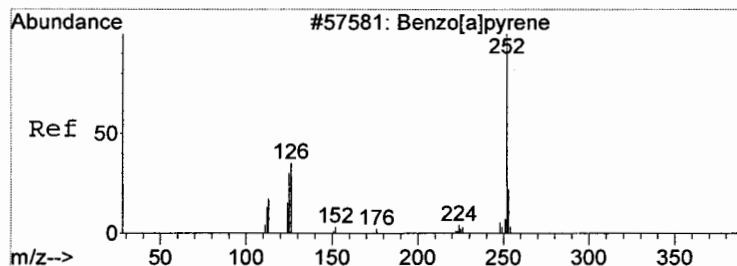
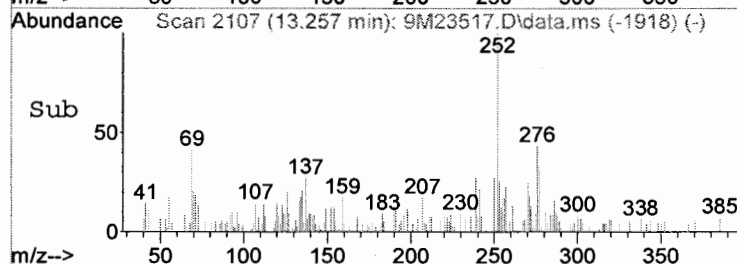
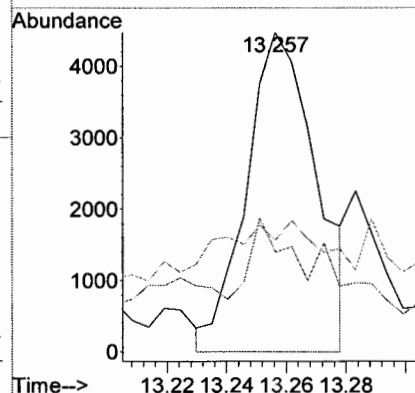
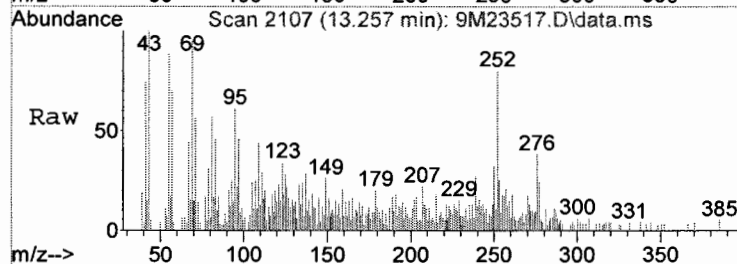
Tgt Ion: 228 Resp: 10165
Ion Ratio Lower Upper
228 100
226 41.0 9.5 49.5
229 38.0 0.0 60.2





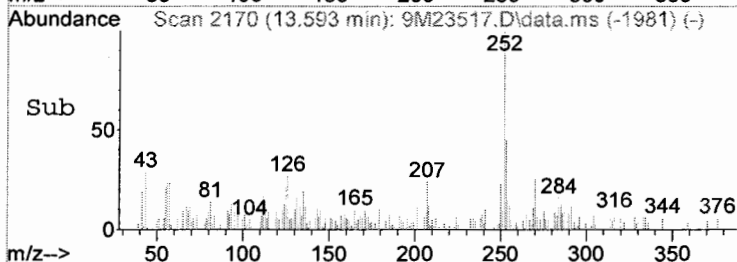
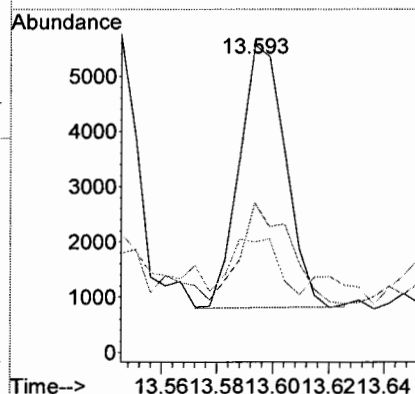
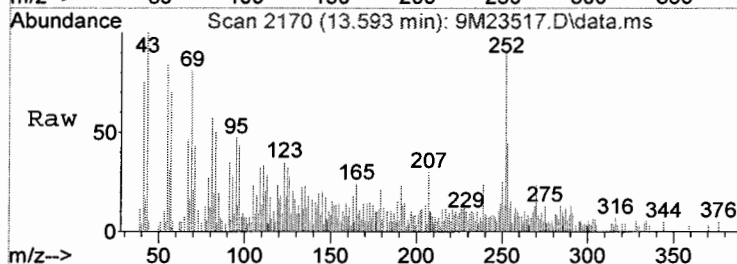
#104
Benzo[b]fluoranthene
Concen: 2.87 ng m
RT: 13.257 min Scan# 2107
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

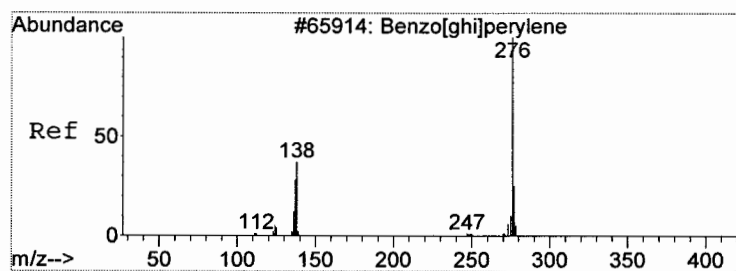
Tgt Ion: 252 Resp: 7218
Ion Ratio Lower Upper
252 100
253 31.2 0.0 62.3
125 35.0 0.0 58.4



#106
Benzo[a]pyrene
Concen: 2.34 ng
RT: 13.593 min Scan# 2170
Delta R.T. -0.005 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

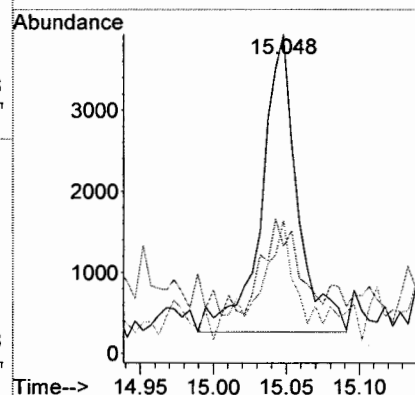
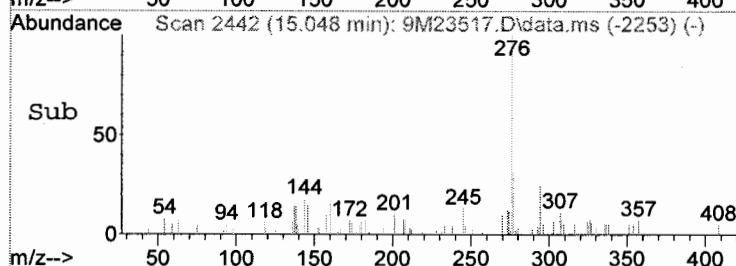
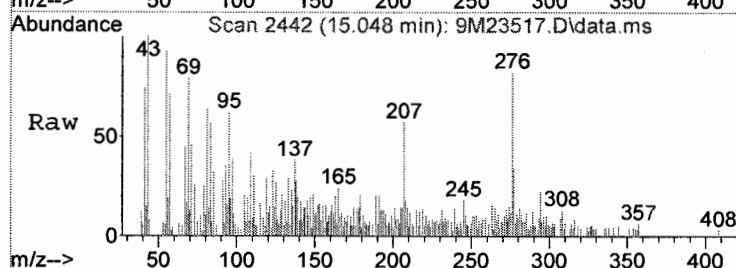
Tgt Ion: 252 Resp: 5475
Ion Ratio Lower Upper
252 100
253 38.3 0.0 62.4
125 16.6 0.0 60.9





#109
Benzo[g,h,i]perylene
Concen: 3.06 ng
RT: 15.048 min Scan# 2442
Delta R.T. 0.000 min
Lab File: 9M23517.D
Acq: 2 Mar 2010 16:19

Tgt Ion: 276 Resp: 6296
Ion Ratio Lower Upper
276 100
138 29.8 0.0 140.0
277 40.8 0.0 120.0



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23517.D
 Acq On : 2 Mar 2010 16:19
 Operator : AHD
 Sample : AC50034-006(2X)
 Misc : S,BNA:2
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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: 9M23517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.907	167	172	183	rBV3	17276	34138	0.38%	0.203%
2	3.271	235	240	253	rBV6	18488	51213	0.56%	0.305%
3	3.688	294	318	321	rBV2	2135694	9068726	100.00%	54.003%
4	4.014	376	379	388	rBV	105183	111636	1.23%	0.665%
5	4.330	435	438	447	rBV2	9497	10318	0.11%	0.061%
6	4.442	457	459	464	rBV	13589	16020	0.18%	0.095%
7	4.661	496	500	506	rBV	11695	13442	0.15%	0.080%
8	4.848	531	535	540	rBV4	6631	9303	0.10%	0.055%
9	4.977	556	559	566	rBV	129108	120357	1.33%	0.717%
10	5.116	581	585	587	rBV	8981	8795	0.10%	0.052%
11	5.260	609	612	616	rBV	195182	168293	1.86%	1.002%
12	5.330	623	625	628	rVB4	6610	6411	0.07%	0.038%
13	5.405	634	639	646	rVB7	4971	9434	0.10%	0.056%
14	5.485	649	654	656	rBV5	4795	6477	0.07%	0.039%
15	5.731	697	700	705	rBV	60704	54738	0.60%	0.326%
16	5.897	726	731	732	rBV4	8170	8860	0.10%	0.053%
17	5.913	732	734	738	rVB3	13949	11340	0.13%	0.068%
18	5.961	738	743	746	rBV4	5999	6337	0.07%	0.038%
19	6.004	746	751	753	rBV4	7638	11492	0.13%	0.068%
20	6.089	764	767	770	rBV3	15826	16238	0.18%	0.097%
21	6.154	775	779	782	rBV6	6932	7878	0.09%	0.047%
22	6.196	782	787	788	rBV2	5966	6244	0.07%	0.037%
23	6.260	797	799	801	rBV	32721	25540	0.28%	0.152%
24	6.282	801	803	809	rVV	278020	261670	2.89%	1.558%
25	6.325	809	811	813	rVV	19696	15374	0.17%	0.092%
26	6.346	813	815	816	rVV	18494	11687	0.13%	0.070%
27	6.357	816	817	821	rVB3	8086	5414	0.06%	0.032%
28	6.416	824	828	829	rBV4	5177	6469	0.07%	0.039%
29	6.442	830	833	836	rVB5	11220	11988	0.13%	0.071%
30	6.501	836	844	848	rBV7	17488	36161	0.40%	0.215%
31	6.576	856	858	860	rBV2	16075	10328	0.11%	0.062%
32	6.613	862	865	868	rBV3	16708	20417	0.23%	0.122%
33	6.662	872	874	877	rBV3	12349	14613	0.16%	0.087%
34	6.688	877	879	884	rVB3	20234	18620	0.21%	0.111%
35	6.737	884	888	890	rBV5	8033	10996	0.12%	0.065%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23517.D
 Acq On : 2 Mar 2010 16:19
 Operator : AHD
 Sample : AC50034-006(2X)
 Misc : S,BNA:2
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	6.753	890	891	895	rVV4	6039	7447	0.08%	0.044%
37	6.817	899	903	906	rVB2	53255	39391	0.43%	0.235%
38	6.892	912	917	920	rBV	74373	68600	0.76%	0.408%
39	6.913	920	921	925	rVB3	9789	7086	0.08%	0.042%
40	6.972	928	932	934	rBV4	10138	11475	0.13%	0.068%
41	6.993	934	936	939	rVB4	12678	9540	0.11%	0.057%
42	7.025	939	942	944	rBV4	12940	8323	0.09%	0.050%
43	7.057	944	948	950	rBV3	24908	23590	0.26%	0.140%
44	7.095	950	955	963	rBV	161553	142391	1.57%	0.848%
45	7.159	963	967	970	rBV5	13539	15639	0.17%	0.093%
46	7.191	970	973	974	rBV2	10304	10202	0.11%	0.061%
47	7.202	974	975	977	rVB2	9061	5706	0.06%	0.034%
48	7.250	981	984	989	rVB	44462	48788	0.54%	0.291%
49	7.303	989	994	997	rBV2	89747	102839	1.13%	0.612%
50	7.357	1001	1004	1006	rBV	115605	93149	1.03%	0.555%
51	7.378	1006	1008	1012	rVV4	67485	71479	0.79%	0.426%
52	7.410	1012	1014	1016	rVB2	20985	15504	0.17%	0.092%
53	7.453	1019	1022	1026	rVB2	38056	46240	0.51%	0.275%
54	7.507	1029	1032	1033	rBV3	11684	7981	0.09%	0.048%
55	7.523	1033	1035	1039	rVB3	34688	28050	0.31%	0.167%
56	7.560	1039	1042	1045	rVB4	22083	21483	0.24%	0.128%
57	7.587	1045	1047	1050	rBV4	17859	14306	0.16%	0.085%
58	7.635	1050	1056	1060	rBV	310707	308858	3.41%	1.839%
59	7.662	1060	1061	1065	rVV4	26681	27366	0.30%	0.163%
60	7.689	1065	1066	1070	rVB4	16117	11631	0.13%	0.069%
61	7.731	1070	1074	1077	rBV2	62057	80024	0.88%	0.477%
62	7.763	1077	1080	1084	rVB5	19021	16486	0.18%	0.098%
63	7.812	1084	1089	1092	rBV3	61197	68567	0.76%	0.408%
64	7.849	1092	1096	1098	rBV	49080	38468	0.42%	0.229%
65	7.913	1106	1108	1111	rBV2	51064	47681	0.53%	0.284%
66	7.940	1111	1113	1118	rVB	38927	35539	0.39%	0.212%
67	7.988	1118	1122	1125	rBV3	41458	55478	0.61%	0.330%
68	8.074	1134	1138	1141	rVB6	25232	25147	0.28%	0.150%
69	8.116	1142	1146	1148	rBV3	40946	42032	0.46%	0.250%
70	8.143	1148	1151	1155	rVV3	34746	47903	0.53%	0.285%
71	8.175	1155	1157	1160	rVV2	31685	33662	0.37%	0.200%
72	8.197	1160	1161	1164	rVV3	30888	22279	0.25%	0.133%
73	8.229	1164	1167	1171	rVV4	48664	49068	0.54%	0.292%
74	8.266	1171	1174	1179	rVB7	32104	47263	0.52%	0.281%
75	8.304	1179	1181	1184	rBV3	16020	19676	0.22%	0.117%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23517.D
 Acq On : 2 Mar 2010 16:19
 Operator : AHD
 Sample : AC50034-006(2X)
 Misc : S,BNA:2
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	8.346	1184	1189	1193	rBV4	130020	132572	1.46%	0.789%
77	8.379	1193	1195	1201	rVB5	25666	36315	0.40%	0.216%
78	8.427	1201	1204	1206	rBV4	15030	17280	0.19%	0.103%
79	8.469	1209	1212	1214	rBV3	35973	36837	0.41%	0.219%
80	8.486	1214	1215	1220	rVB2	44259	33255	0.37%	0.198%
81	8.539	1220	1225	1228	rBV7	33401	41026	0.45%	0.244%
82	8.560	1228	1229	1230	rBV	12078	5533	0.06%	0.033%
83	8.641	1238	1244	1247	rBV8	32999	53859	0.59%	0.321%
84	8.673	1247	1250	1252	rBV4	47945	42588	0.47%	0.254%
85	8.699	1253	1255	1258	rVV3	26784	26183	0.29%	0.156%
86	8.721	1258	1259	1263	rVB4	21506	19392	0.21%	0.115%
87	8.758	1263	1266	1267	rBV3	15000	13593	0.15%	0.081%
88	8.844	1280	1282	1285	rBV4	10371	9936	0.11%	0.059%
89	8.892	1288	1291	1294	rBV5	17437	18061	0.20%	0.108%
90	8.962	1301	1304	1309	rVB3	48616	60090	0.66%	0.358%
91	9.036	1314	1318	1321	rBV	280931	256253	2.83%	1.526%
92	9.058	1321	1322	1325	rVB	60764	39983	0.44%	0.238%
93	9.165	1337	1342	1345	rBV4	35580	60876	0.67%	0.363%
94	9.186	1345	1346	1348	rVV2	20520	11814	0.13%	0.070%
95	9.213	1348	1351	1354	rVV5	12924	19698	0.22%	0.117%
96	9.256	1357	1359	1362	rBV3	8559	8430	0.09%	0.050%
97	9.288	1362	1365	1370	rVV7	22573	25786	0.28%	0.154%
98	9.341	1372	1375	1379	rVB5	17909	20175	0.22%	0.120%
99	9.384	1379	1383	1387	rBV2	55310	60625	0.67%	0.361%
100	9.422	1387	1390	1392	rVV3	19578	16931	0.19%	0.101%
101	9.443	1392	1394	1397	rVB4	17256	14559	0.16%	0.087%
102	9.480	1397	1401	1404	rBV2	34442	43517	0.48%	0.259%
103	9.577	1414	1419	1422	rBV2	66943	91626	1.01%	0.546%
104	9.603	1422	1424	1428	rVB	92043	82629	0.91%	0.492%
105	9.657	1431	1434	1437	rBV4	19452	19265	0.21%	0.115%
106	9.689	1437	1440	1444	rVV2	64655	89078	0.98%	0.530%
107	9.721	1444	1446	1449	rVB3	59519	53903	0.59%	0.321%
108	9.796	1456	1460	1462	rBV5	22271	29019	0.32%	0.173%
109	9.833	1465	1467	1474	rVB4	88784	113230	1.25%	0.674%
110	9.903	1477	1480	1482	rBV4	31195	32808	0.36%	0.195%
111	9.924	1482	1484	1485	rBV2	17483	13254	0.15%	0.079%
112	9.967	1489	1492	1495	rVB3	51157	42776	0.47%	0.255%
113	9.994	1495	1497	1499	rVB3	13729	9719	0.11%	0.058%
114	10.015	1499	1501	1504	rBV4	20464	24473	0.27%	0.146%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23517.D
 Acq On : 2 Mar 2010 16:19
 Operator : AHD
 Sample : AC50034-006(2X)
 Misc : S,BNA:2
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	10.047	1504	1507	1509	rVV4	21168	21100	0.23%	0.126%
116	10.079	1509	1513	1516	rVV	161134	162979	1.80%	0.971%
117	10.112	1516	1519	1523	rVV2	52757	61204	0.67%	0.364%
118	10.138	1523	1524	1528	rVB2	39485	20540	0.23%	0.122%
119	10.192	1528	1534	1538	rBV	109165	147509	1.63%	0.878%
120	10.224	1538	1540	1544	rVV3	45886	59553	0.66%	0.355%
121	10.256	1544	1546	1549	rVB2	43406	38251	0.42%	0.228%
122	10.288	1549	1552	1557	rVB5	41281	65181	0.72%	0.388%
123	10.331	1557	1560	1564	rBV2	44361	57375	0.63%	0.342%
124	10.368	1565	1567	1569	rVB3	32464	26216	0.29%	0.156%
125	10.400	1569	1573	1575	rBV4	26965	37230	0.41%	0.222%
126	10.432	1575	1579	1584	rVB2	217890	209802	2.31%	1.249%
127	10.566	1599	1604	1606	rBV6	31940	45640	0.50%	0.272%
128	10.588	1606	1608	1611	rVV3	37498	38949	0.43%	0.232%
129	10.625	1611	1615	1620	rVV	66380	84448	0.93%	0.503%
130	10.673	1620	1624	1628	rVB3	46983	59491	0.66%	0.354%
131	10.716	1628	1632	1636	rBV	81612	88579	0.98%	0.527%
132	10.780	1640	1644	1645	rBV3	28172	30254	0.33%	0.180%
133	10.823	1648	1652	1655	rVB	151434	142109	1.57%	0.846%
134	10.887	1662	1664	1668	rVB5	16494	14423	0.16%	0.086%
135	10.973	1676	1680	1683	rBV	203387	194061	2.14%	1.156%
136	11.015	1685	1688	1695	rVB8	35835	70083	0.77%	0.417%
137	11.069	1695	1698	1699	rBV3	22405	24728	0.27%	0.147%
138	11.138	1708	1711	1714	rBV	38670	40891	0.45%	0.243%
139	11.165	1714	1716	1722	rVB7	29193	34093	0.38%	0.203%
140	11.208	1722	1724	1727	rBV4	20701	17649	0.19%	0.105%
141	11.245	1727	1731	1734	rBV3	48882	52781	0.58%	0.314%
142	11.278	1734	1737	1739	rBV2	26978	21537	0.24%	0.128%
143	11.336	1744	1748	1753	rVB6	32595	62857	0.69%	0.374%
144	11.401	1758	1760	1761	rBV2	16481	9592	0.11%	0.057%
145	11.550	1785	1788	1791	rBV5	16486	20706	0.23%	0.123%
146	11.598	1795	1797	1800	rBV4	16747	16715	0.18%	0.100%
147	11.695	1813	1815	1818	rBV3	22767	16953	0.19%	0.101%
148	11.737	1820	1823	1826	rBV4	26485	31451	0.35%	0.187%
149	11.834	1838	1841	1845	rVB6	22168	25718	0.28%	0.153%
150	11.909	1853	1855	1858	rVB4	16350	13517	0.15%	0.080%
151	11.951	1861	1863	1864	rBV2	11791	7535	0.08%	0.045%
152	12.048	1877	1881	1886	rBV	190137	203608	2.25%	1.212%
153	12.128	1894	1896	1898	rVB3	20614	13569	0.15%	0.081%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 3 % of largest Peak
Max Peaks: 100
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

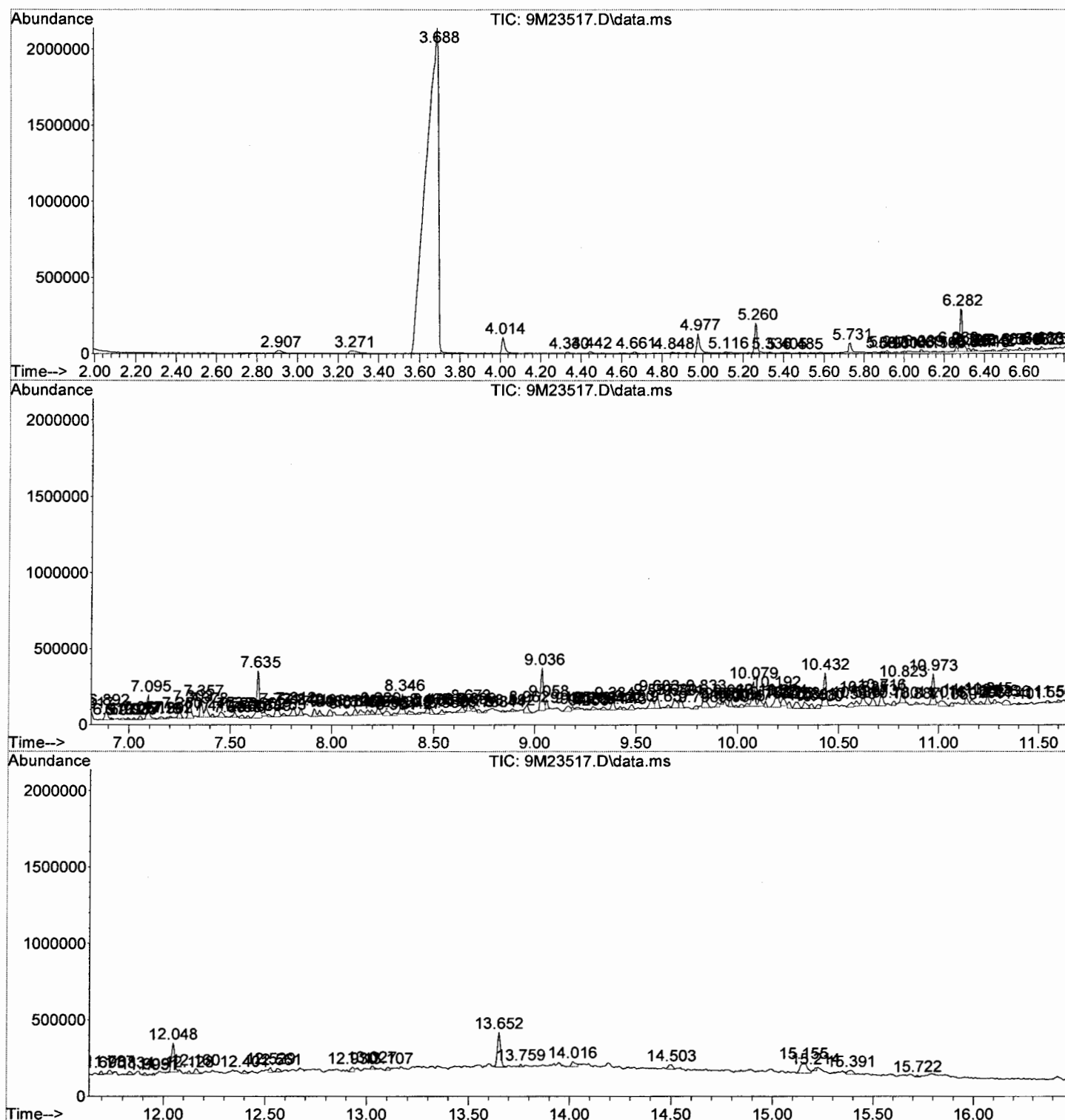
154	12.160	1899	1902	1908	rVV6	31993	42114	0.46%	0.251%
155	12.401	1944	1947	1951	rBV5	22750	25603	0.28%	0.152%
156	12.529	1969	1971	1974	rVB3	32692	25323	0.28%	0.151%
157	12.561	1975	1977	1981	rVB4	23841	28159	0.31%	0.168%
158	12.930	2043	2046	2048	rBV4	30593	35832	0.40%	0.213%
159	13.027	2062	2064	2070	rVB5	21741	24628	0.27%	0.147%
160	13.107	2076	2079	2081	rBV4	20982	23822	0.26%	0.142%
161	13.652	2177	2181	2188	rVB	228484	249990	2.76%	1.489%
162	13.759	2199	2201	2203	rVB3	19071	11662	0.13%	0.069%
163	14.016	2246	2249	2254	rBV7	33269	51130	0.56%	0.304%
164	14.503	2336	2340	2343	rVB6	31746	43690	0.48%	0.260%
165	15.155	2456	2462	2469	rBV9	71121	162686	1.79%	0.969%
166	15.214	2471	2473	2474	rBV2	20149	14724	0.16%	0.088%
167	15.391	2501	2506	2511	rVB9	25158	46548	0.51%	0.277%
168	15.722	2566	2568	2571	rVB4	10967	8109	0.09%	0.048%

Sum of corrected areas: 16793148

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006 (2X)
Misc : S,BNA:2
ALS Vial : 20 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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

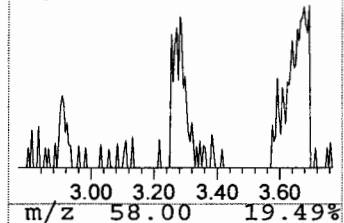
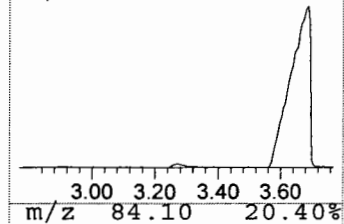
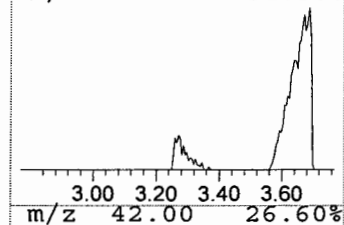
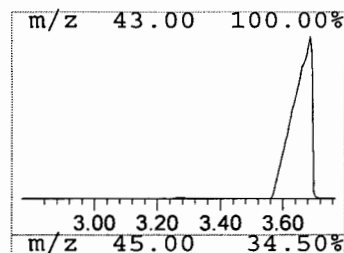
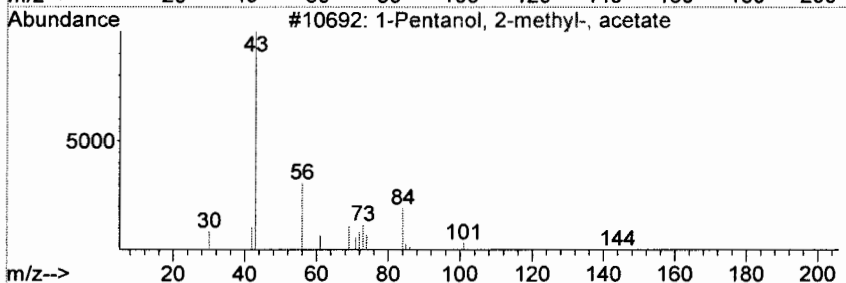
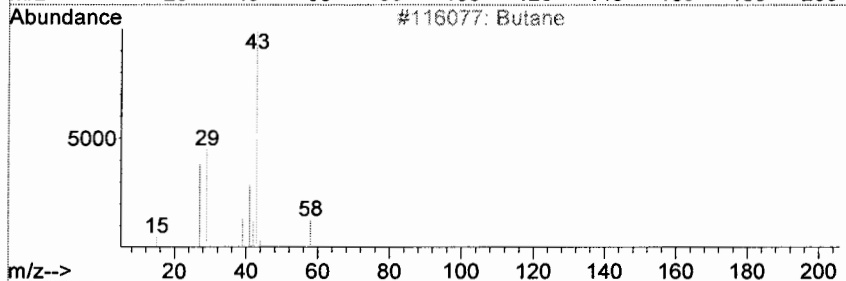
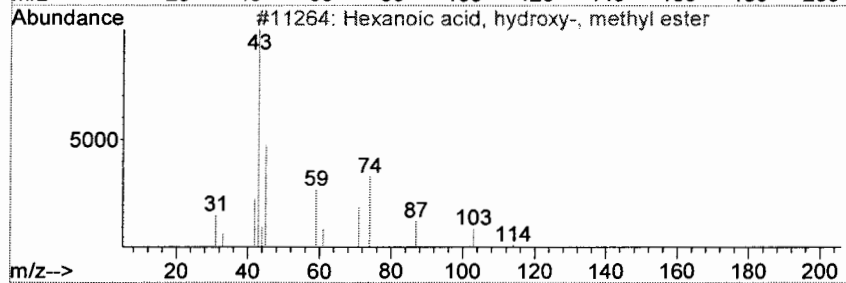
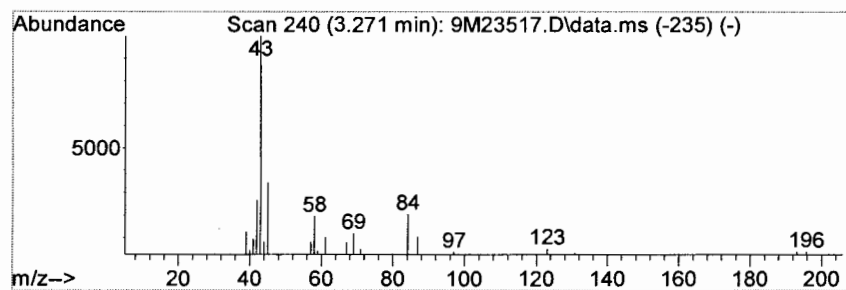
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 1 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	11.71 ng	51213	LibIS-1,4-Dichlorobenzene-d4	5.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanoic acid, hydroxy-, methyl ...	146	C7H14O3	059942-11-9	12
2			Butane	58	C4H10	000106-97-8	9
3			1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	9
4			2-Hexanol, acetate	144	C8H16O2	005953-49-1	9
5			D.G.E.B.A.	608	C39H44O6	000000-00-0	9



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

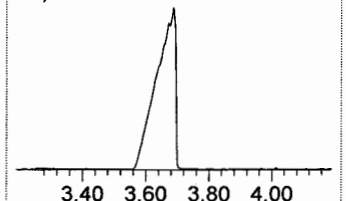
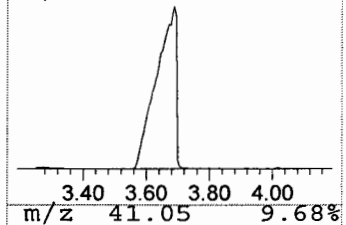
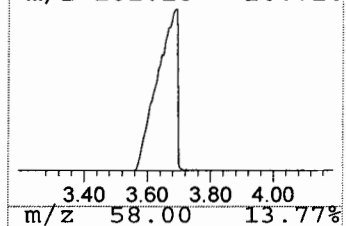
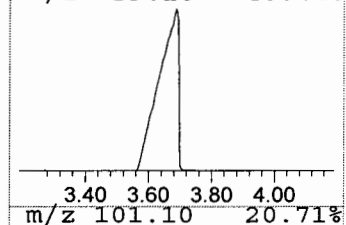
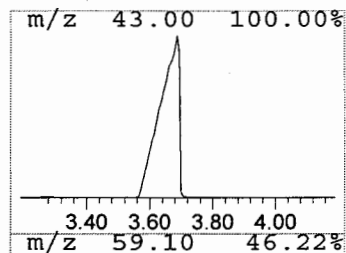
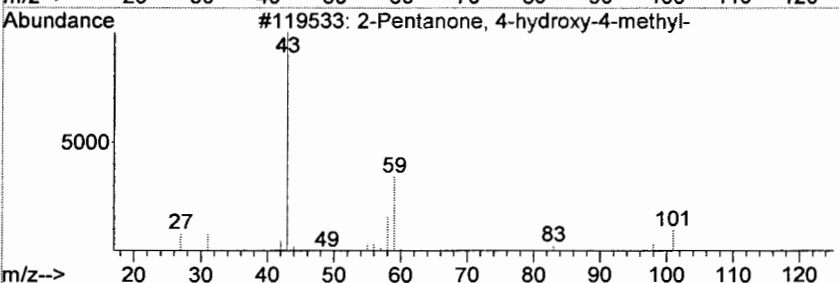
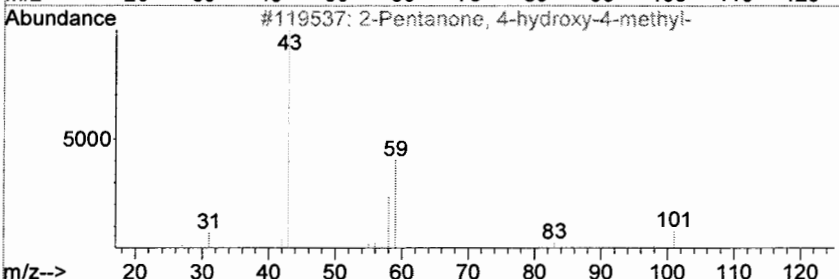
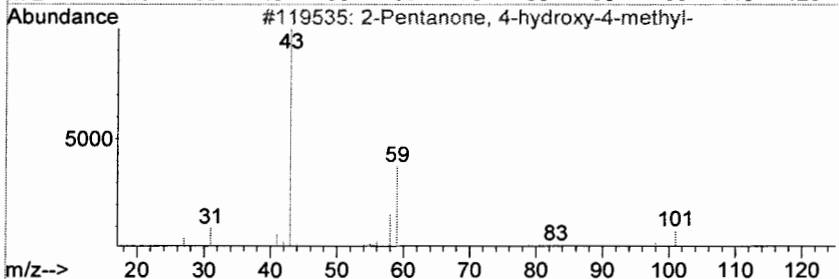
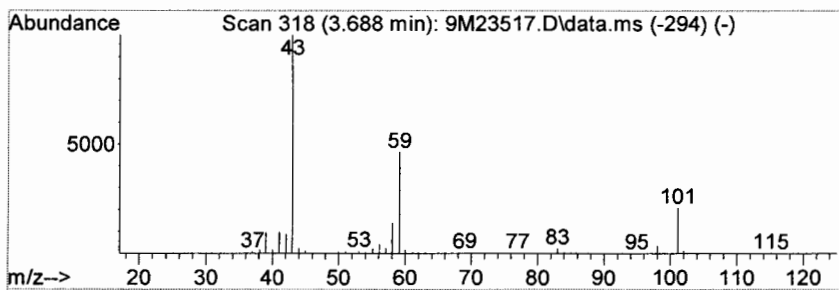
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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	2073.21 ng	9068726	LibIS-1,4-Dichlorobenzene-d4	5.26

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	56
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

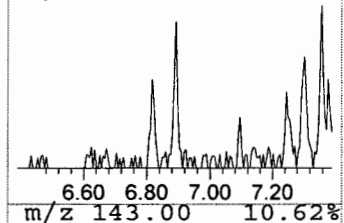
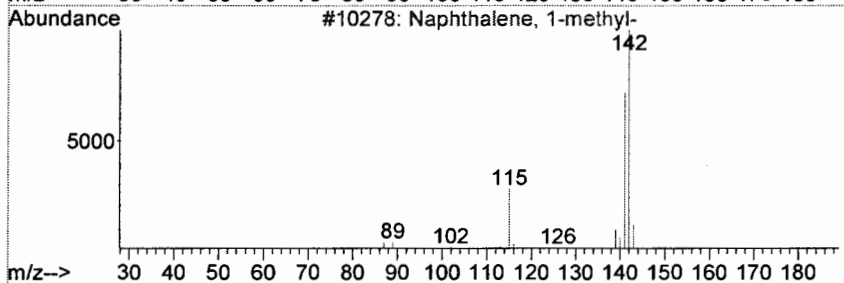
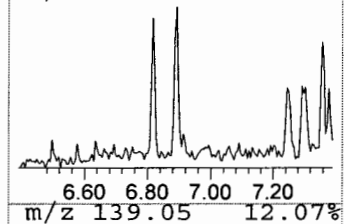
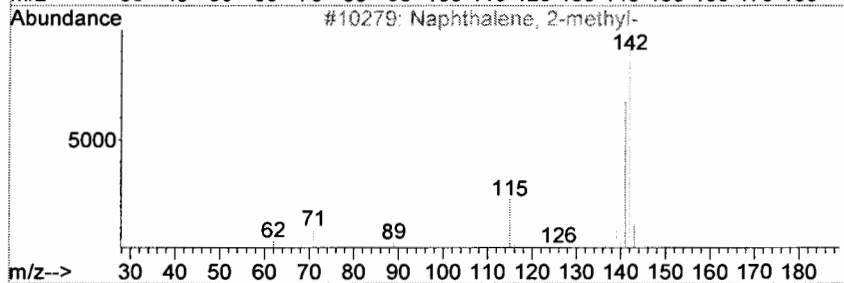
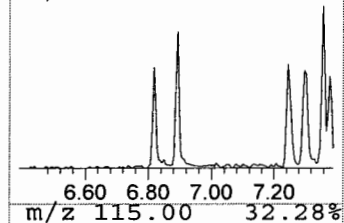
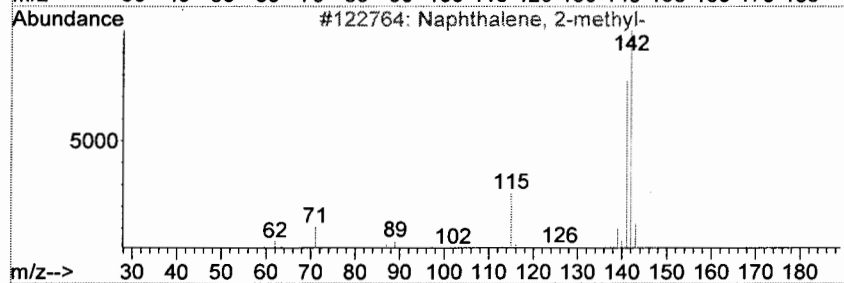
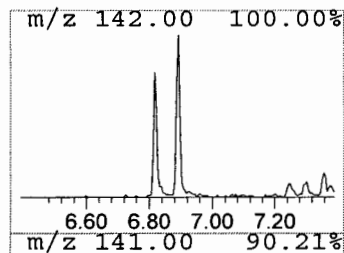
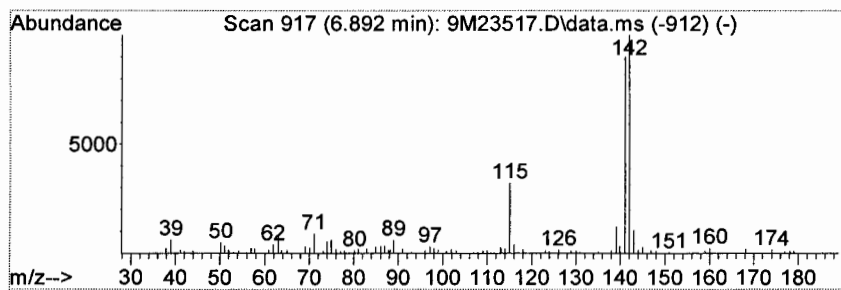
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	8.78 ng	68600	LibIS-Naphthalene-d8	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
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\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

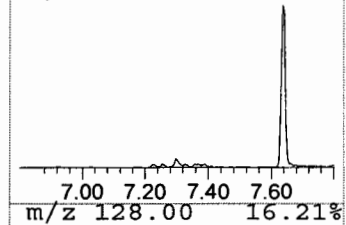
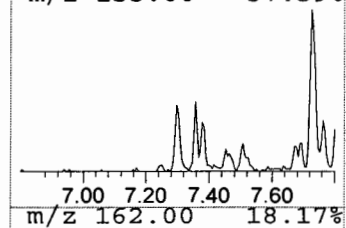
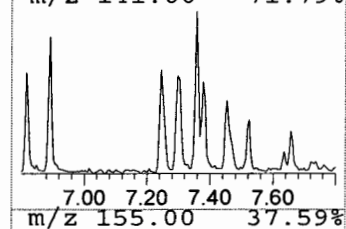
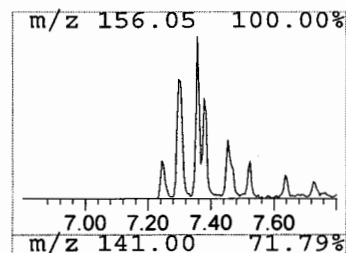
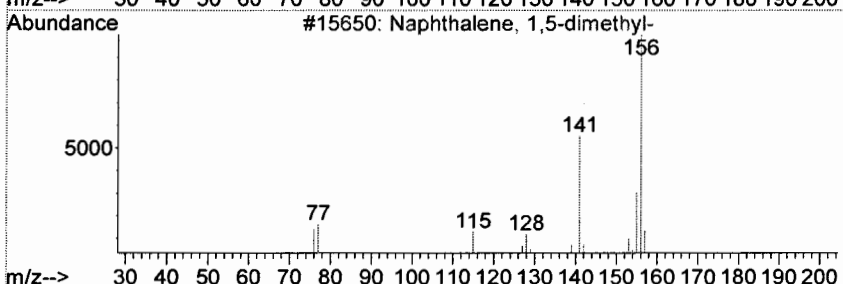
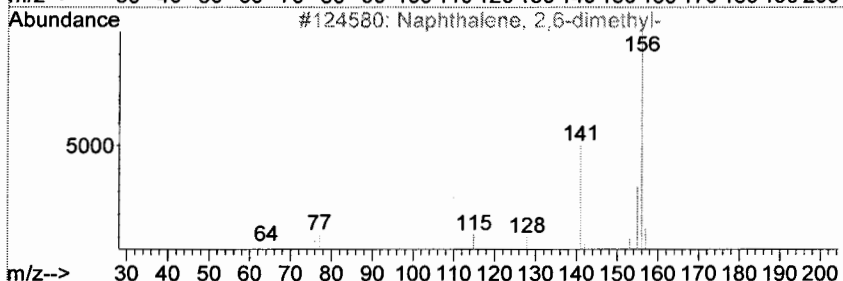
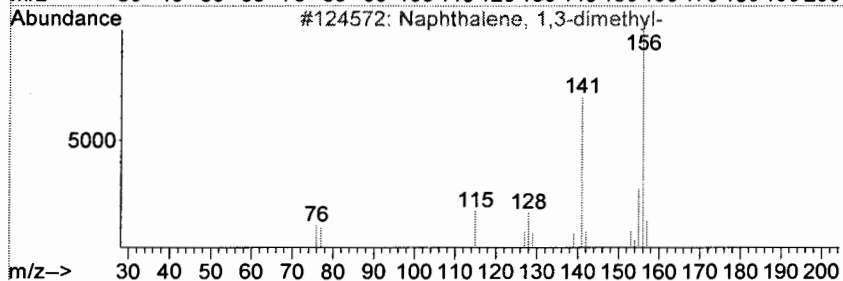
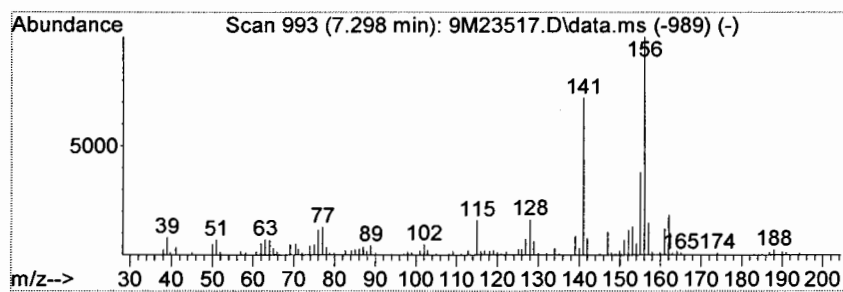
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	13.32 ng	102839	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

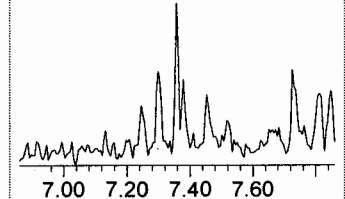
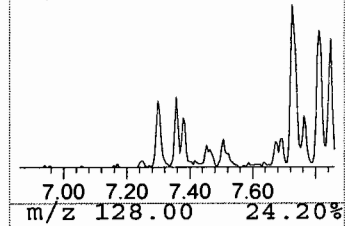
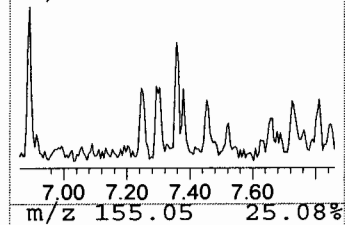
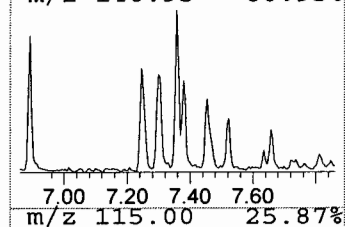
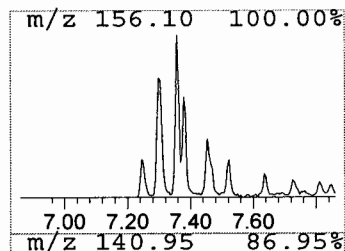
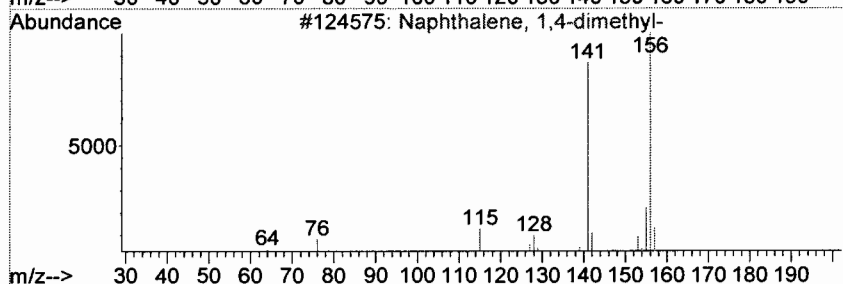
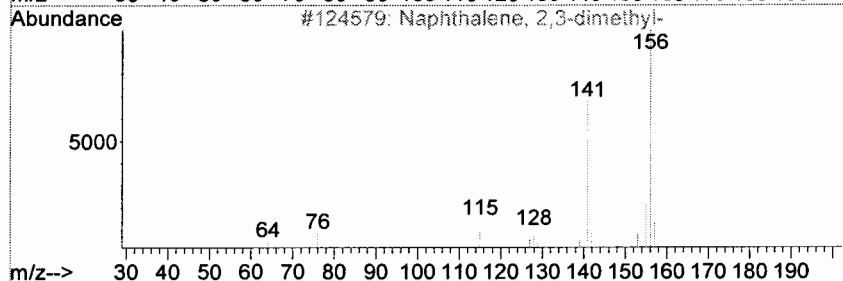
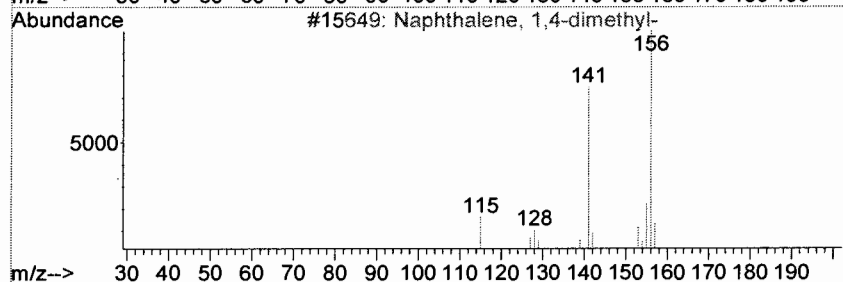
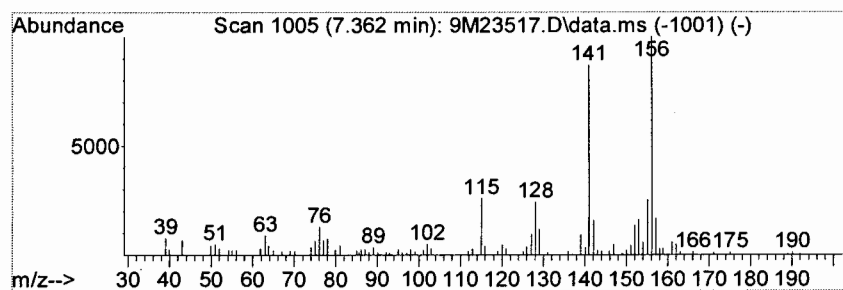
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	12.06 ng	93149	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

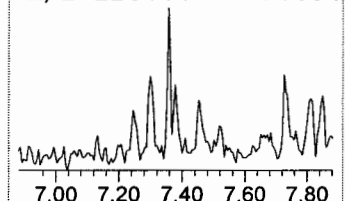
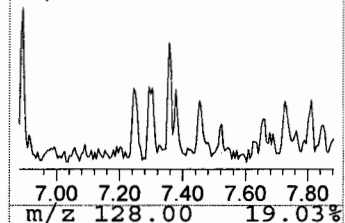
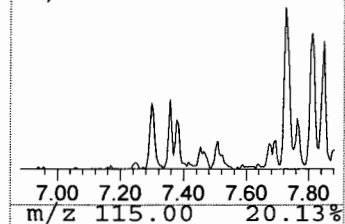
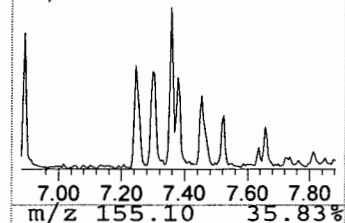
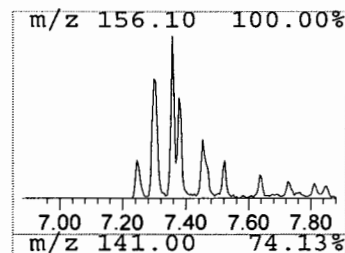
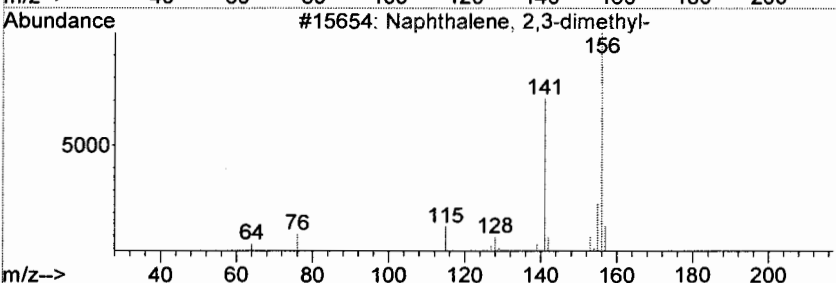
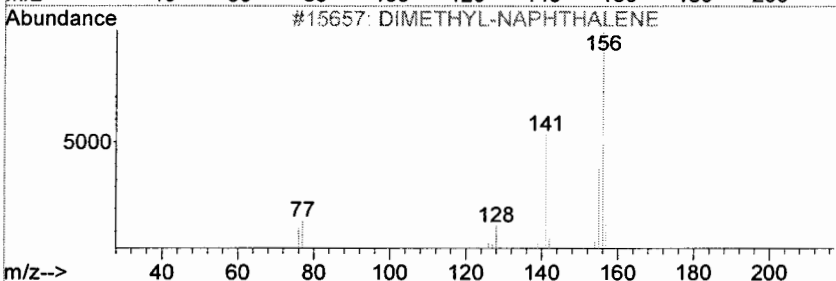
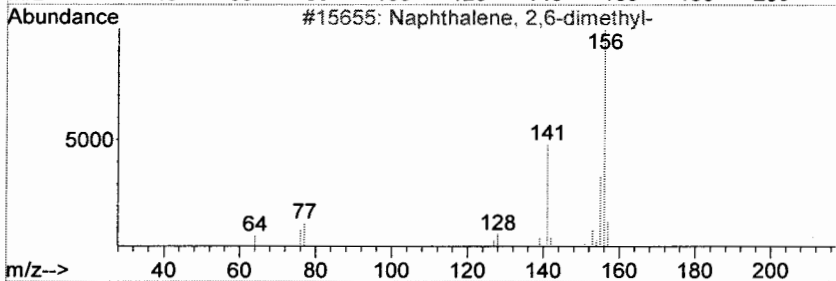
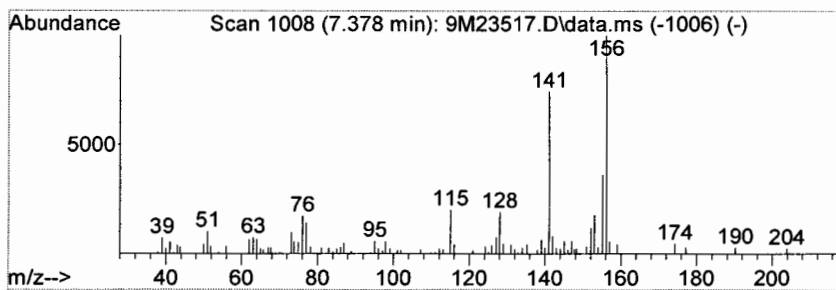
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	9.26 ng	71479	LibIS-Acenaphthene-d10	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
2	DIMETHYL-NAPHTHALENE	156	C12H12	000000-00-0	90
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

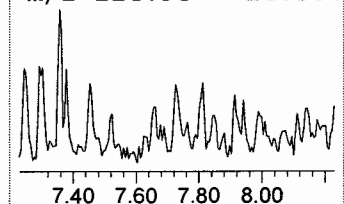
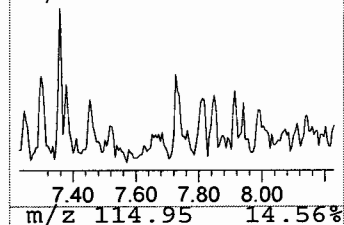
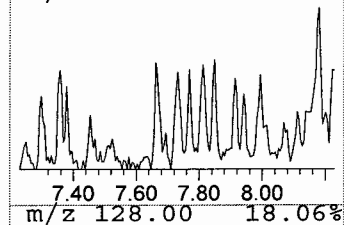
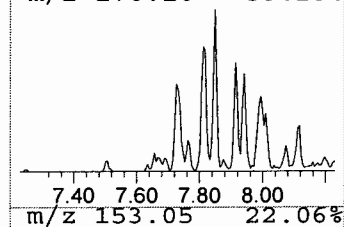
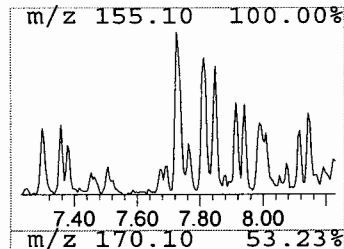
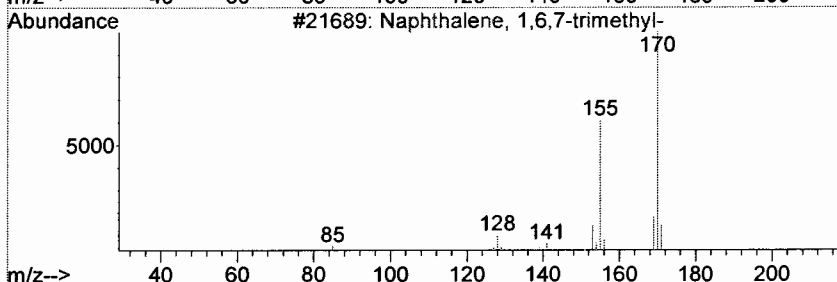
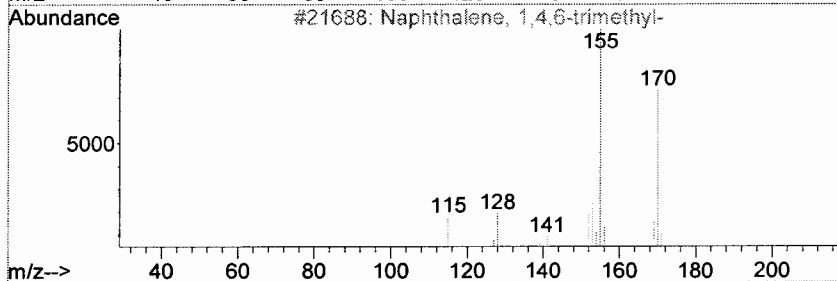
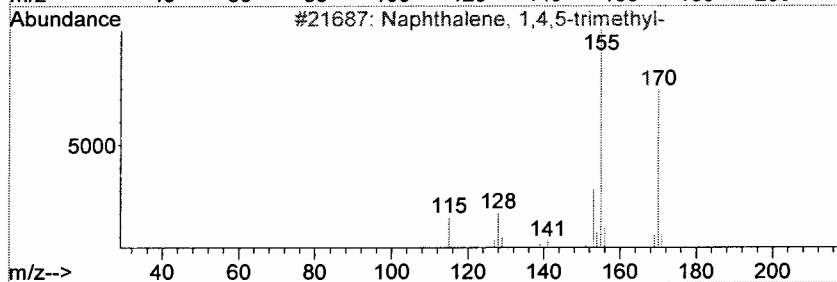
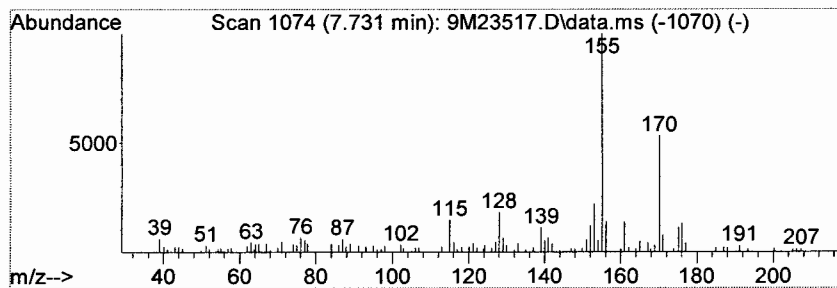
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 7 Naphthalene, 1,4,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	10.36 ng	80024	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	59
5			Naphthalene, (1-methylethyl)-	170	C13H14	029253-36-9	58



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

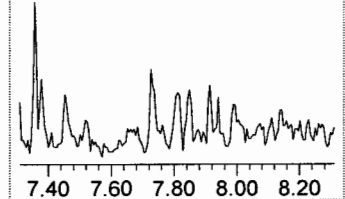
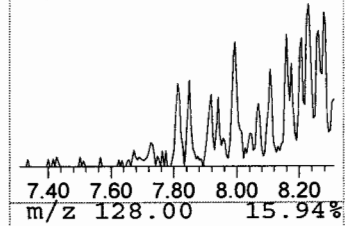
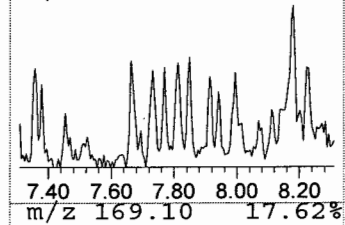
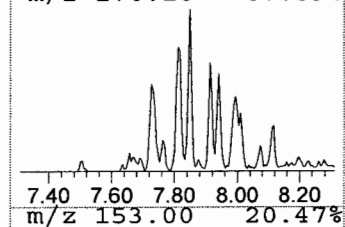
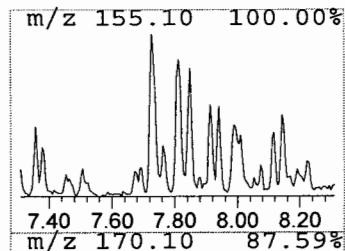
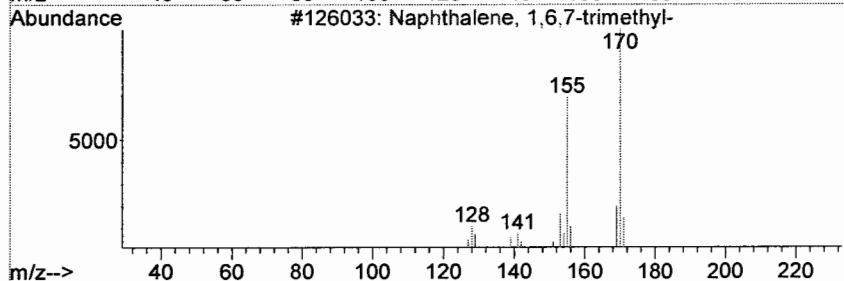
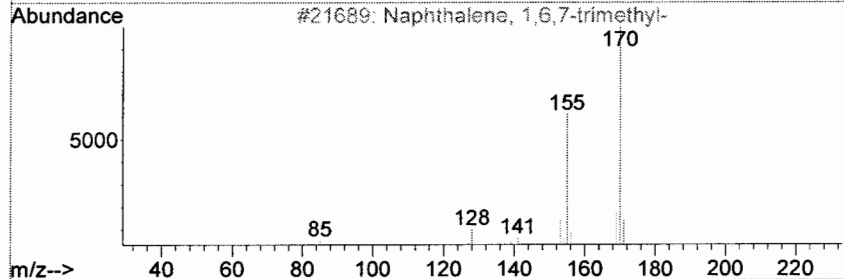
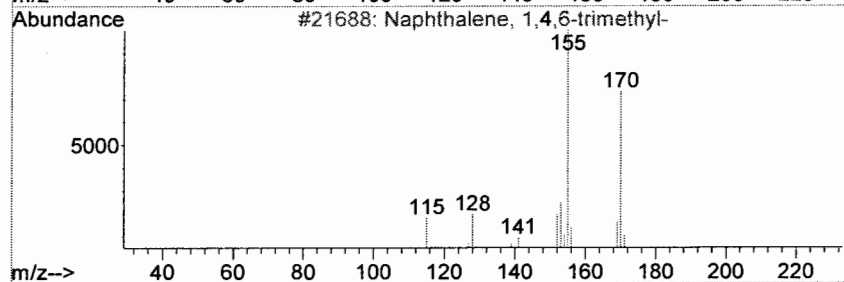
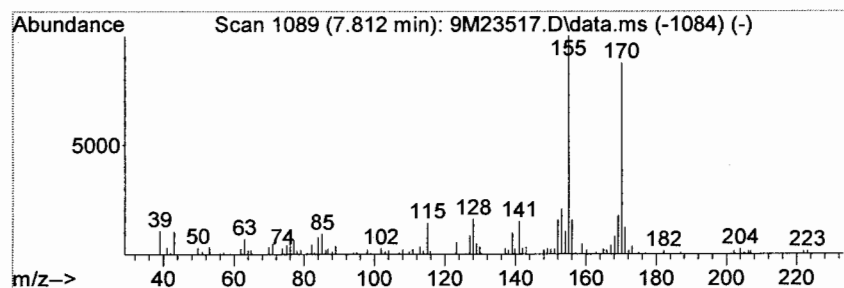
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	8.88 ng	68567	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

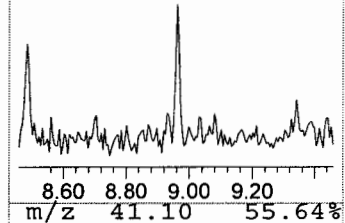
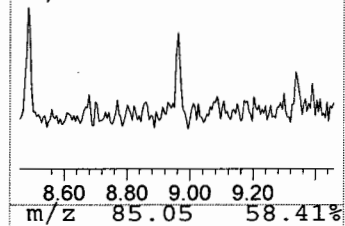
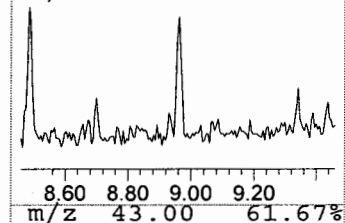
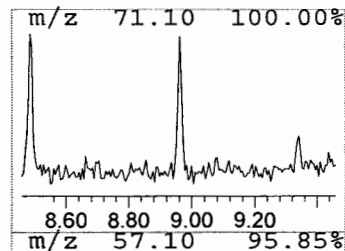
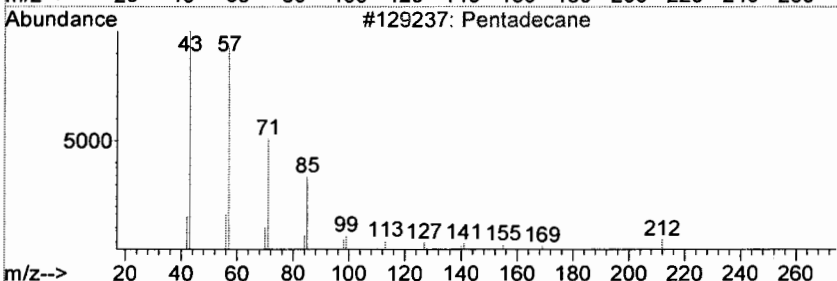
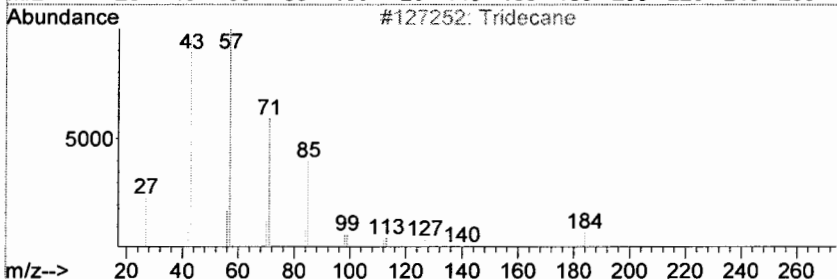
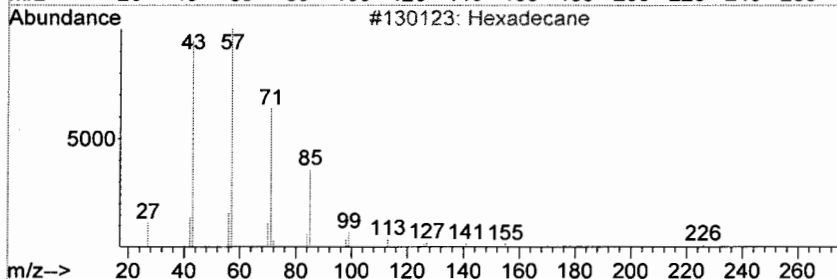
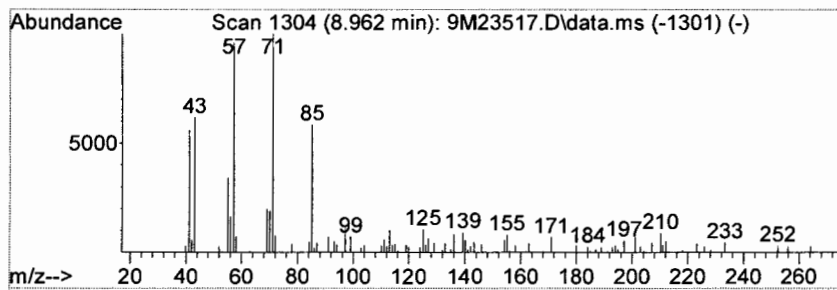
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 9 Hexadecane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	7.96 ng	60090	LibIS-Phenanthrene-d10	9.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	74
2	Tridecane	184	C13H28	000629-50-5	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59
5	Eicosane	282	C20H42	000112-95-8	59



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

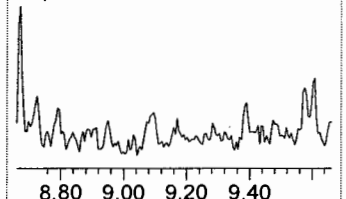
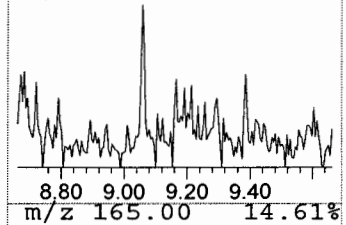
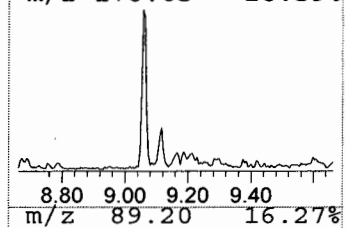
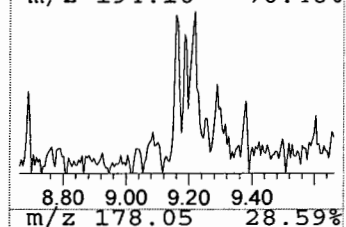
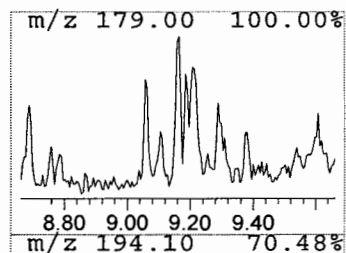
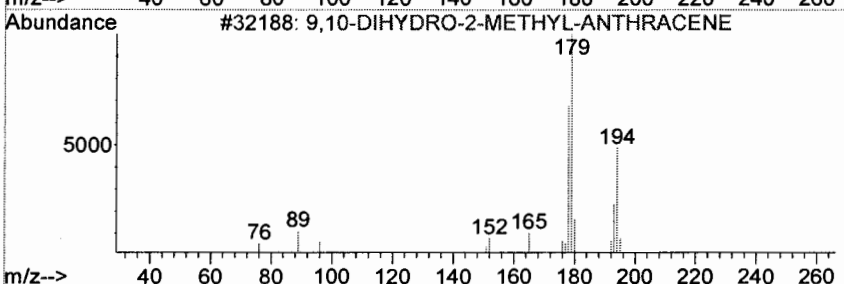
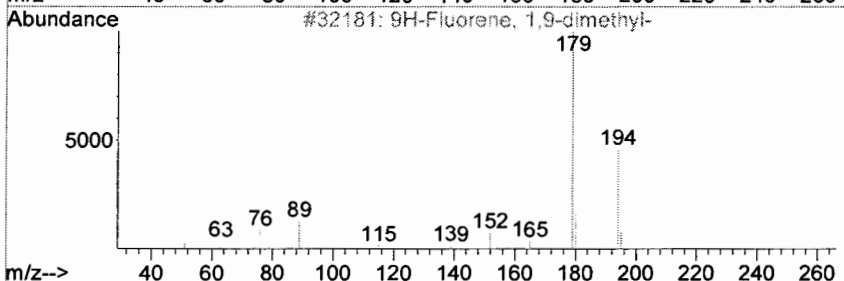
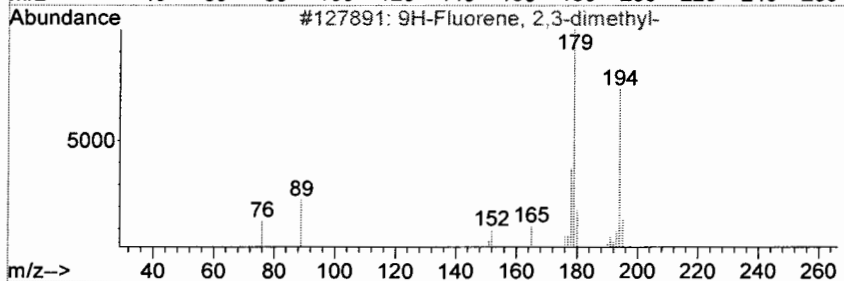
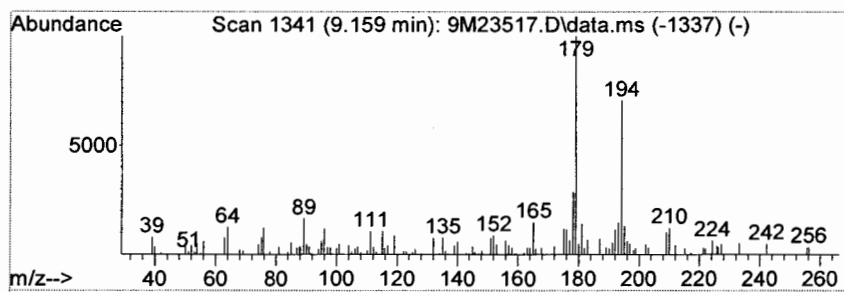
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9H-Fluorene, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	8.07 ng	60876	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	89
2			9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	58
3			9,10-DIHYDRO-2-METHYL-ANTHRACENE	194	C15H14	000000-00-0	52
4			6,7-DIMETHOXY-M-CYMENE	194	C12H18O2	000000-00-0	52
5			5-SEC-BUTYL-4-METHOXY-M-PHENYLEN...	194	C11H18N2O	000000-00-0	52



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
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ALS Vial : 20 Sample Multiplier: 1

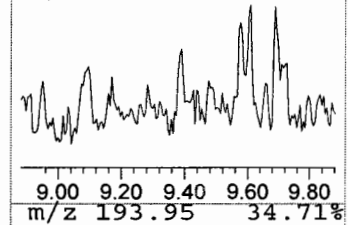
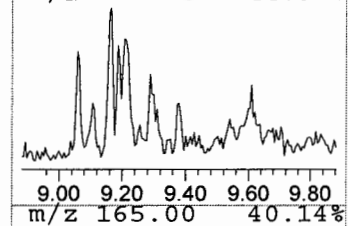
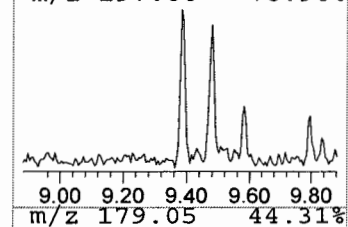
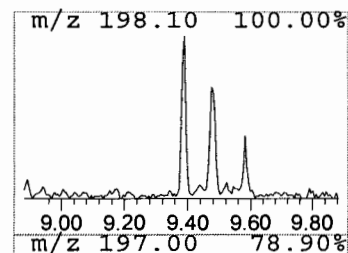
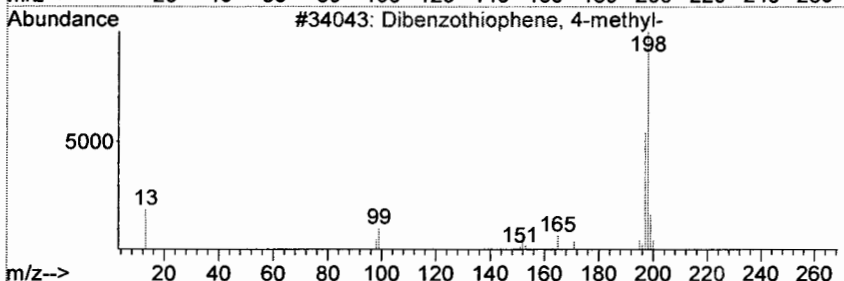
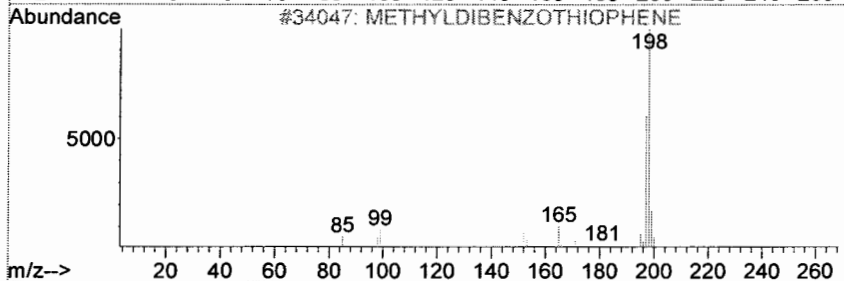
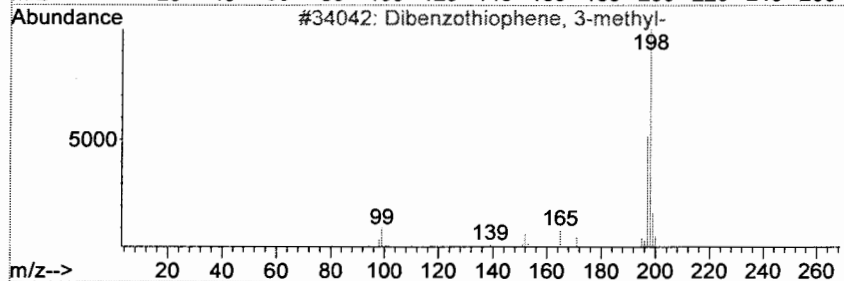
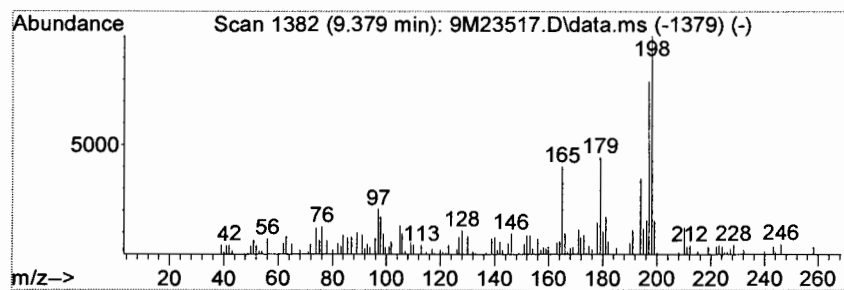
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 11 Dibenzothiophene, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	8.04 ng	60625	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
2			METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	68
3			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	68
4			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	68
5			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	68



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

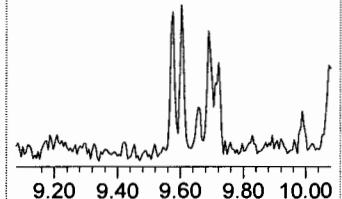
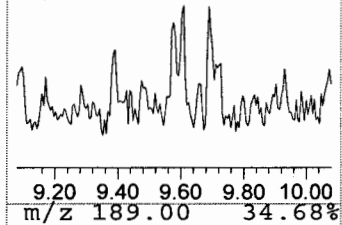
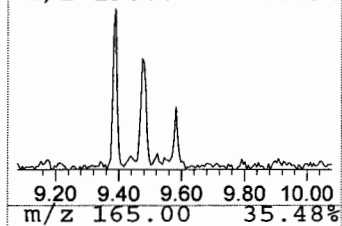
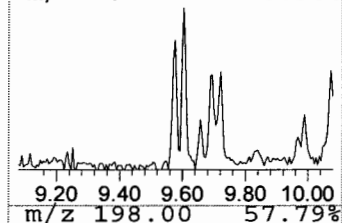
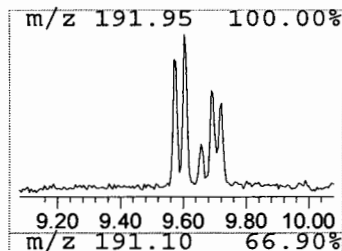
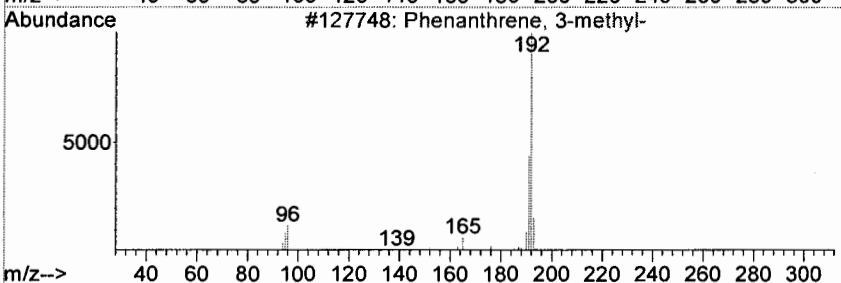
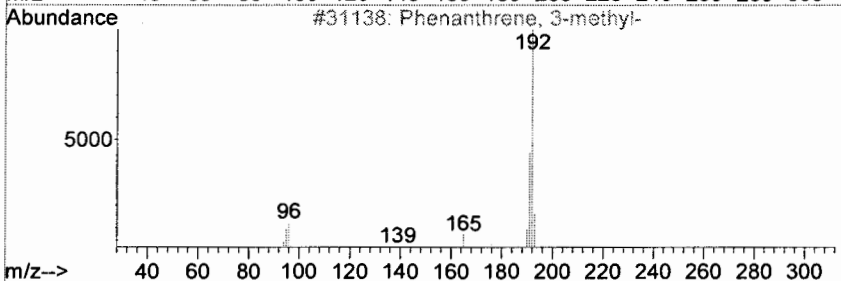
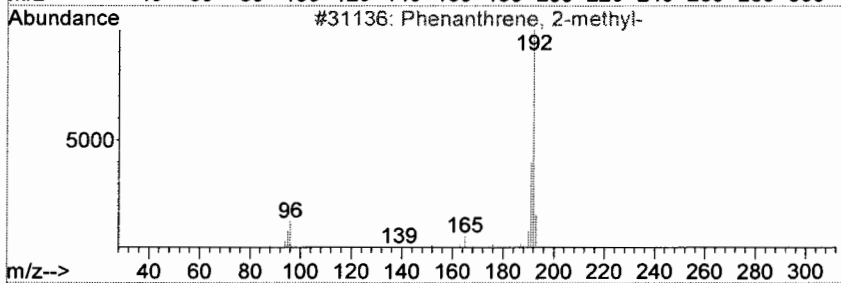
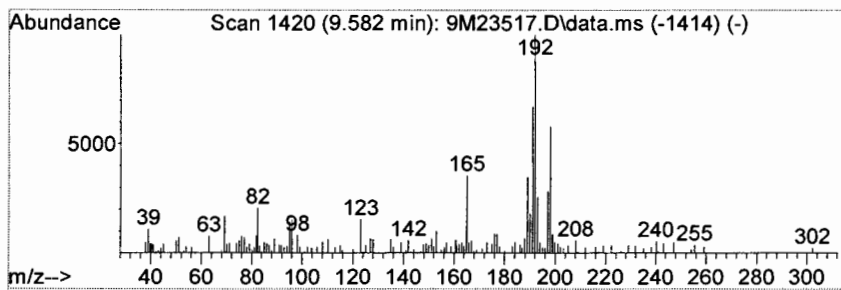
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	12.14 ng	91626	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006 (2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

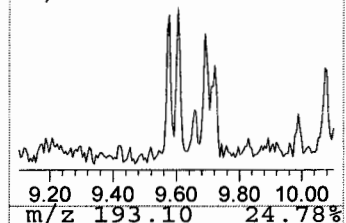
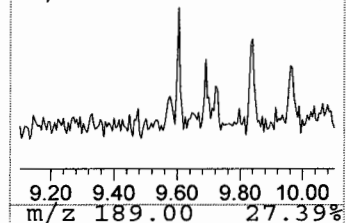
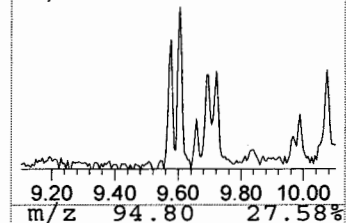
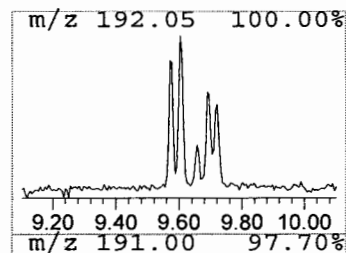
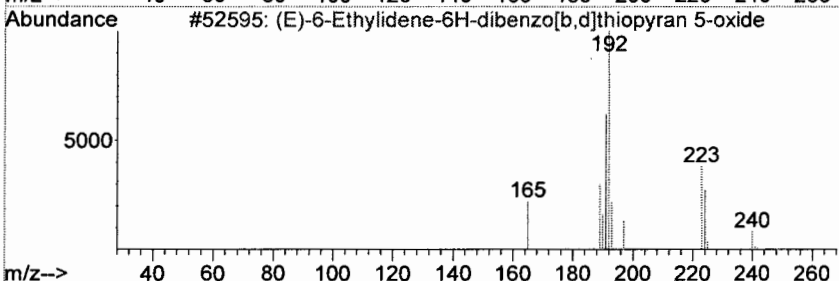
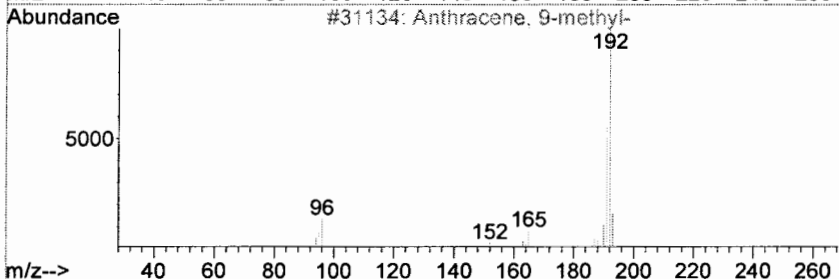
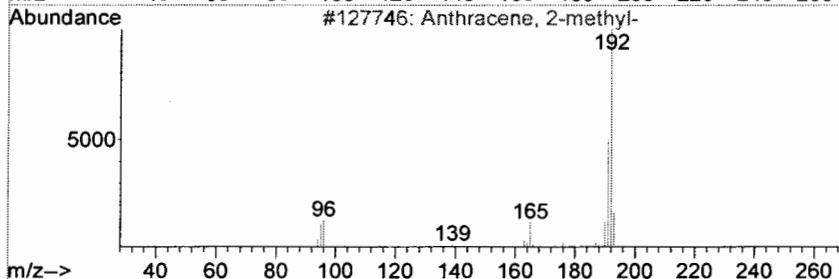
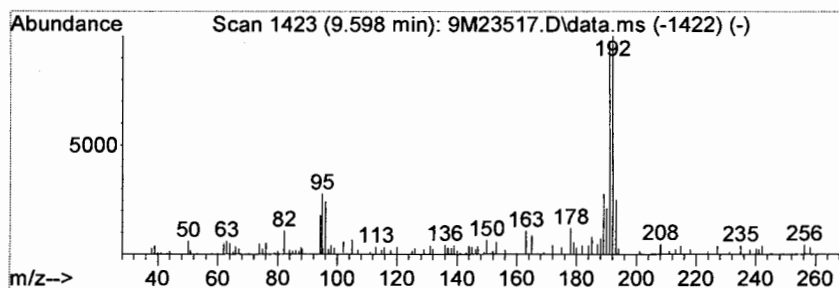
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	10.95 ng	82629	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3			(E)-6-Ethylidene-6H-dibenzo[b,d]...	240	C15H12OS	087221-28-1	78
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

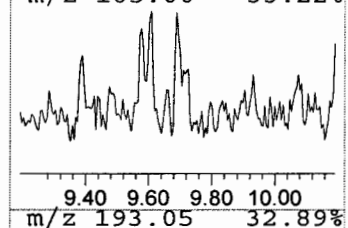
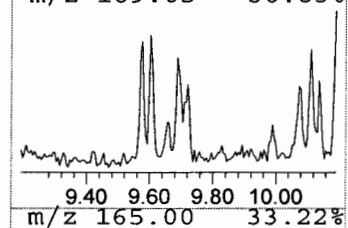
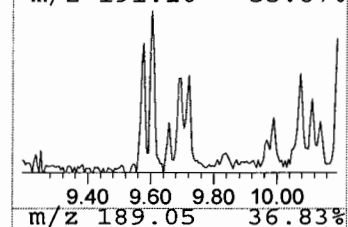
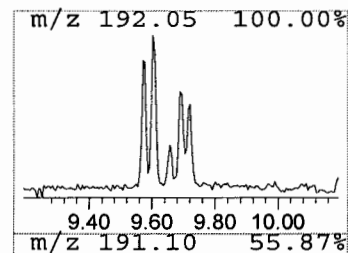
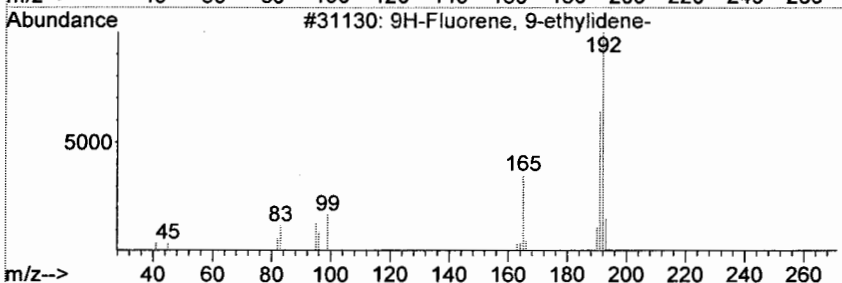
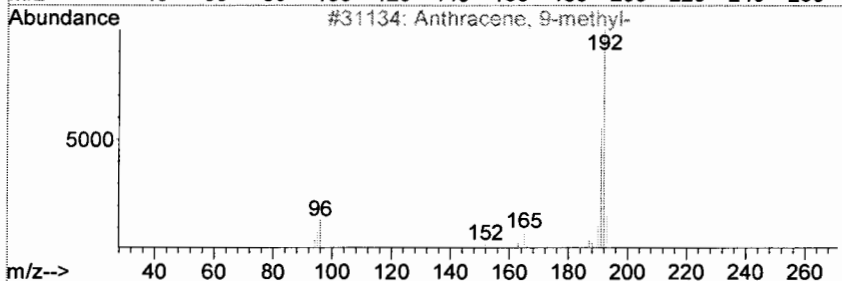
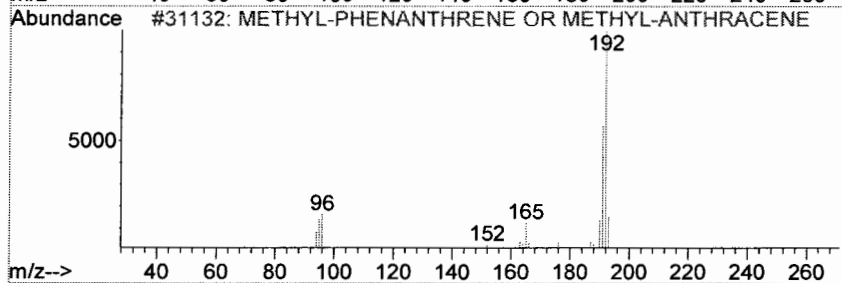
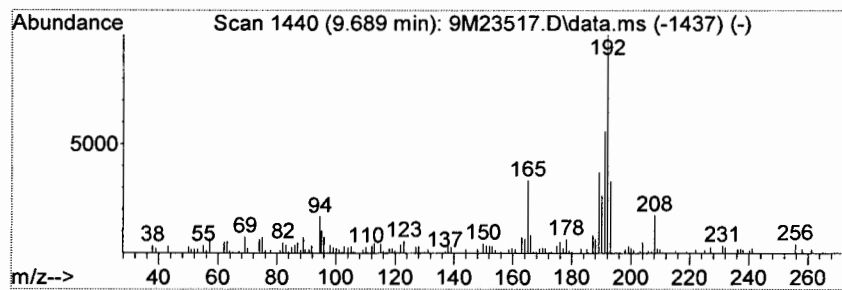
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	11.81 ng	89078	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			METHYL-PHENANTHRENE OR METHYL-AN...	192	C15H12	000610-48-0	68
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
3			9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	62
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	53



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

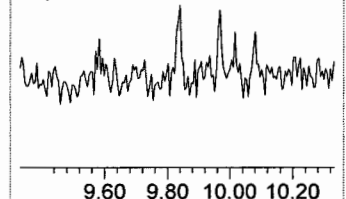
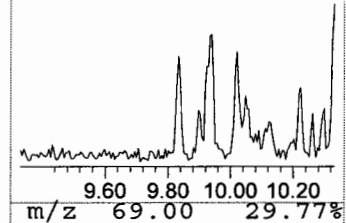
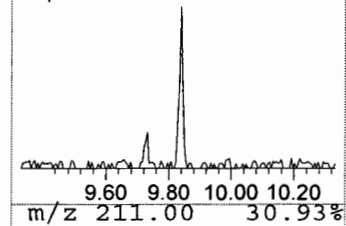
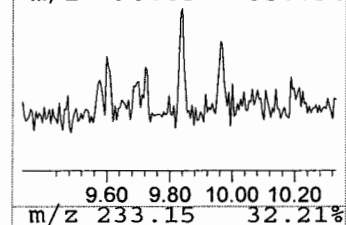
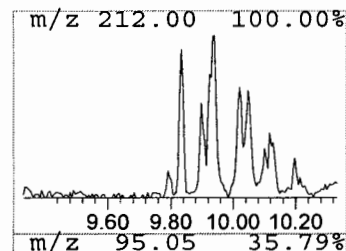
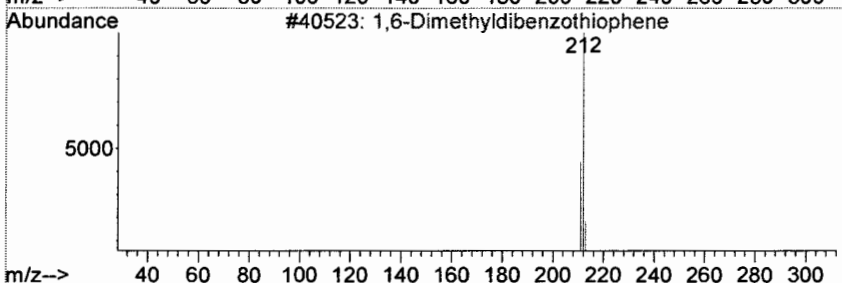
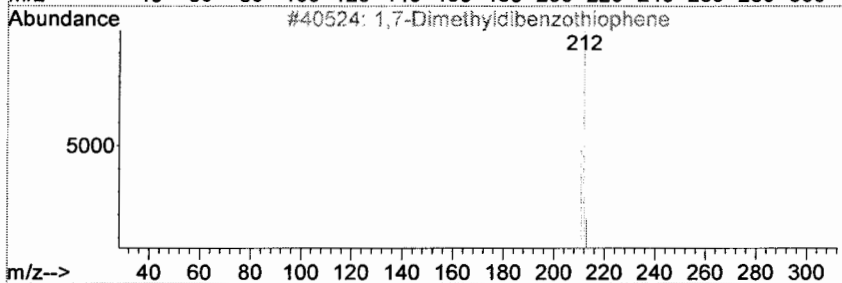
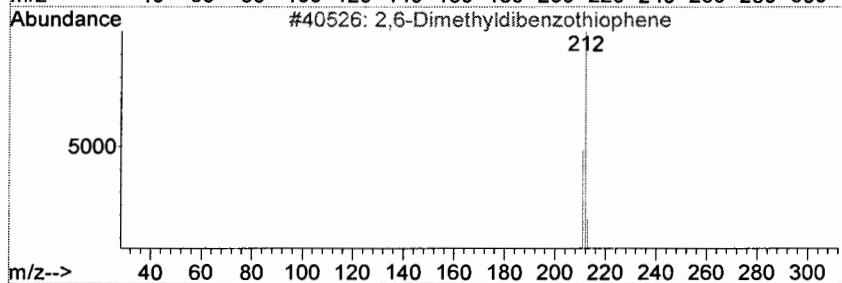
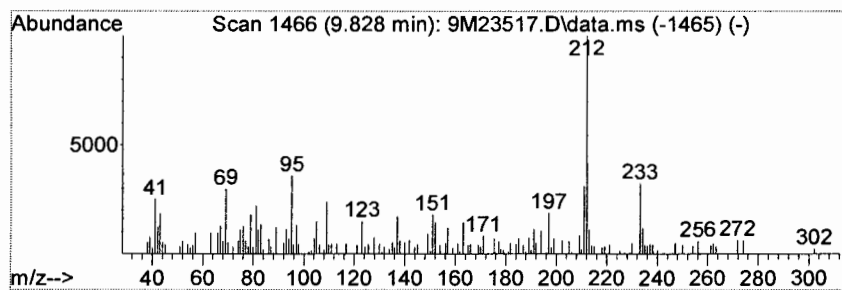
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 15 2,6-Dimethyldibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	15.01 ng	113230	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	50
2			1,7-Dimethyldibenzothiophene	212	C14H12S	089816-53-5	50
3			1,6-Dimethyldibenzothiophene	212	C14H12S	089816-70-6	50
4			3,6-Dimethyldibenzothiophene	212	C14H12S	031613-04-4	50
5			4,6-Dimethyldibenzothiophene	212	C14H12S	001207-12-1	50



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

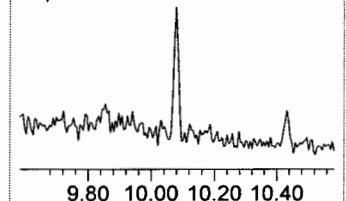
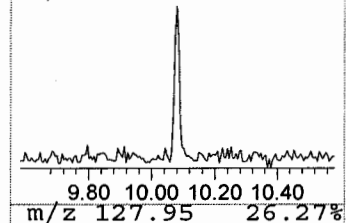
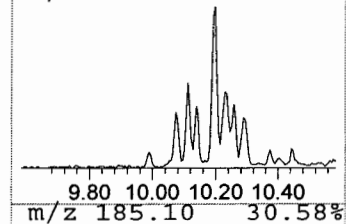
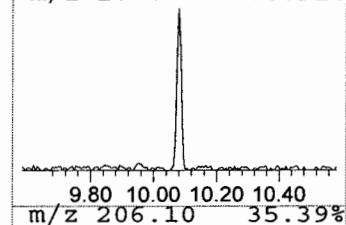
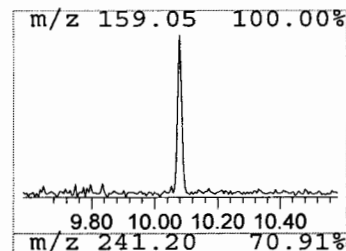
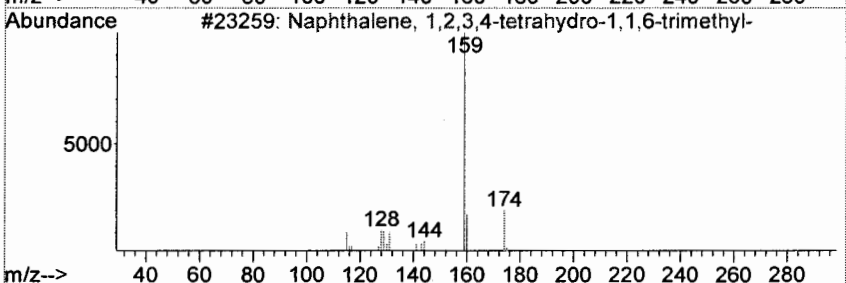
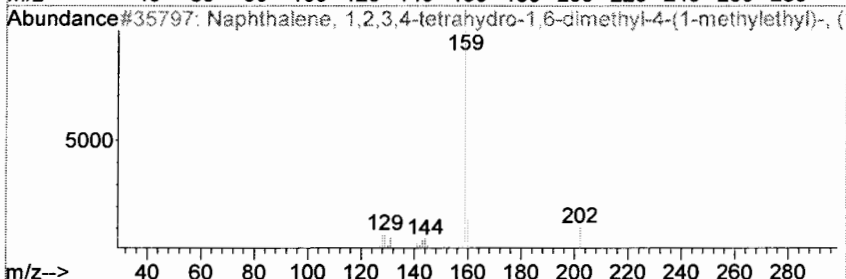
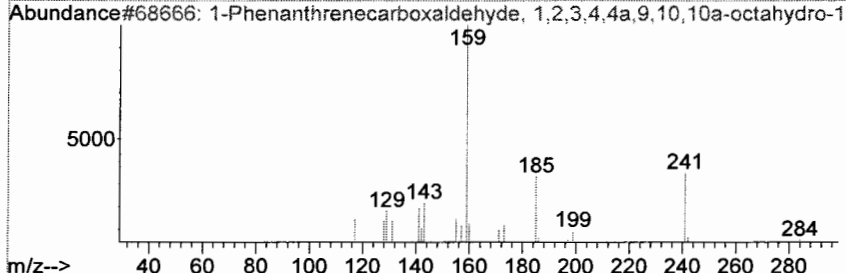
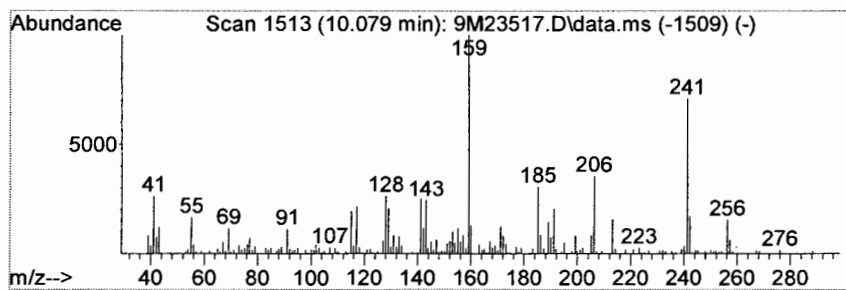
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 16 1-Phenanthrenecarboxaldehyd... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	21.60 ng	162979	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	64
2			Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	38
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	25
4			1H-Indene, 2,3-dihydro-1,1,5,6-t...	174	C13H18	000942-43-8	25
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	23



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
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Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

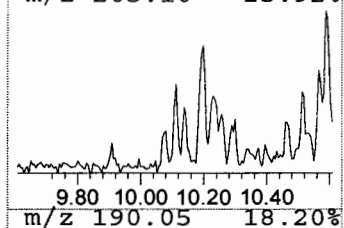
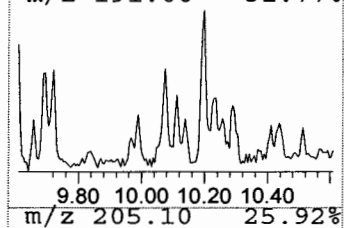
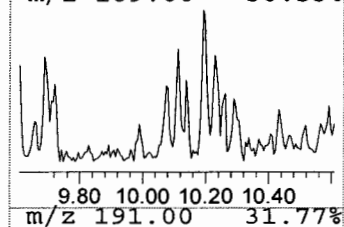
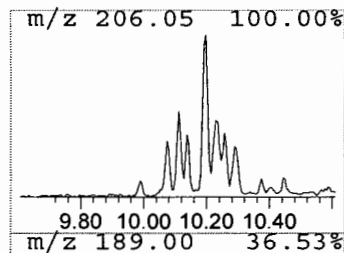
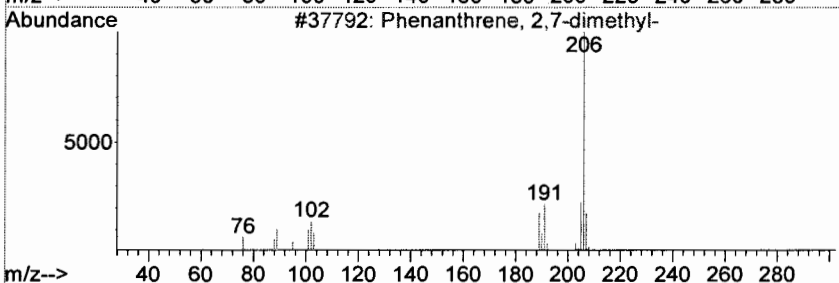
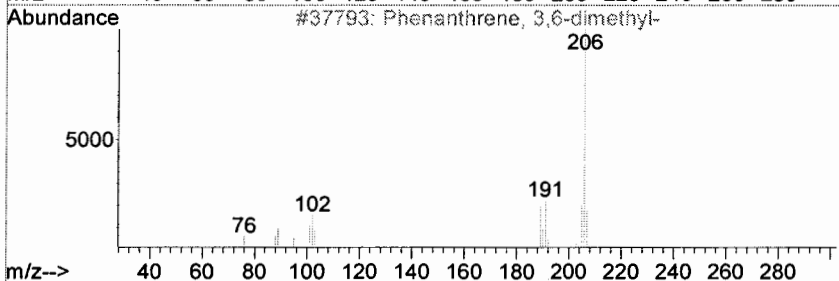
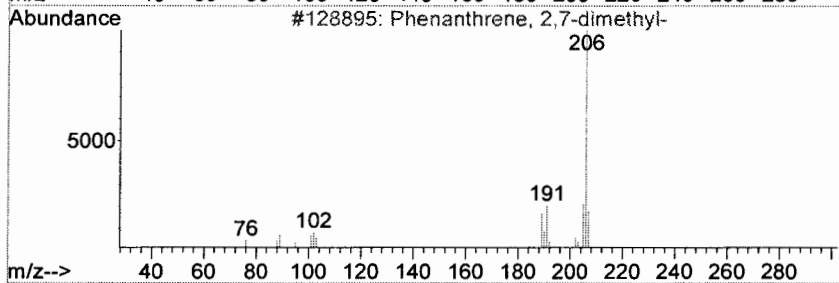
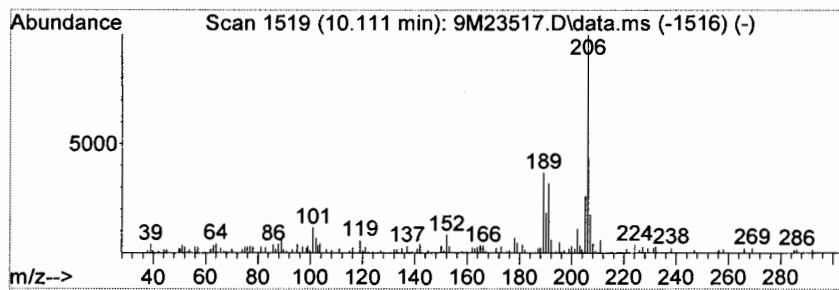
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 17 Phenanthrene, 2,7-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	8.11 ng	61204	LibIS-Phenanthrene-d10	9.04

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	90
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5			(+)-3,3,7-Trimethyltricyclo[5.4...	206	C14H22O	038647-26-6	90



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

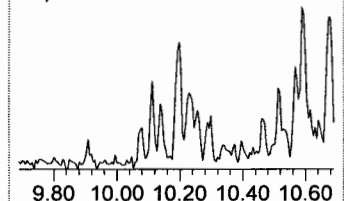
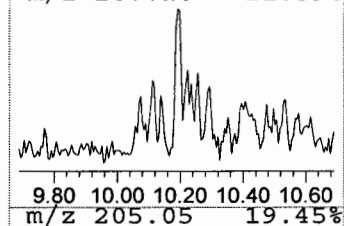
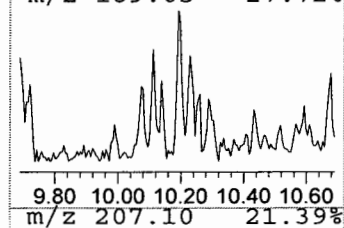
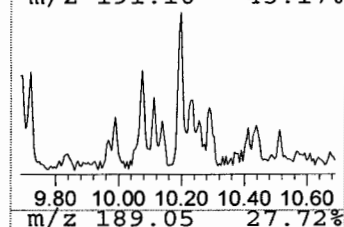
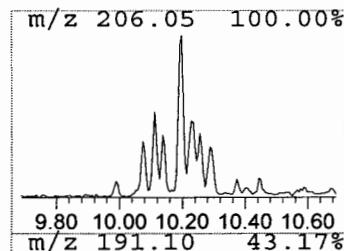
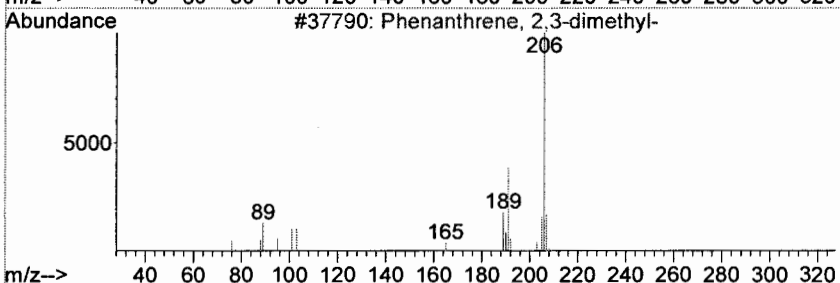
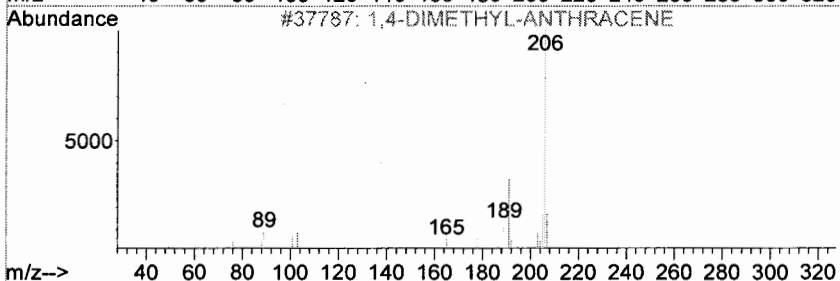
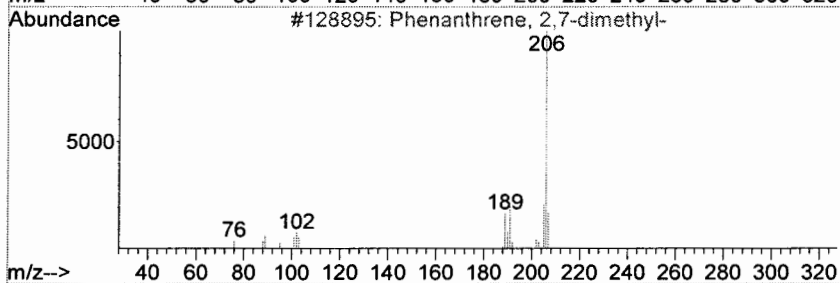
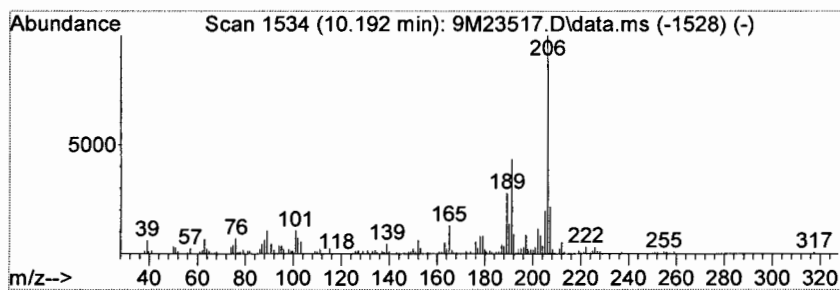
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Phenanthrene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	19.55 ng	147509	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
2			1,4-DIMETHYL-ANTHRACENE	206	C16H14	000000-00-0	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	91



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

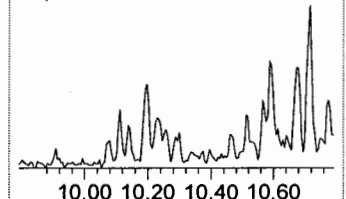
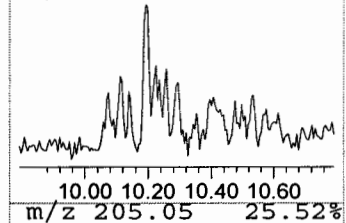
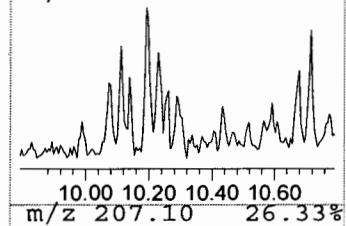
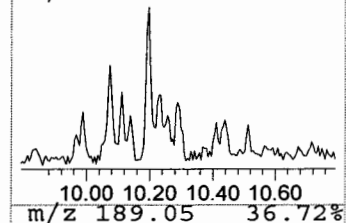
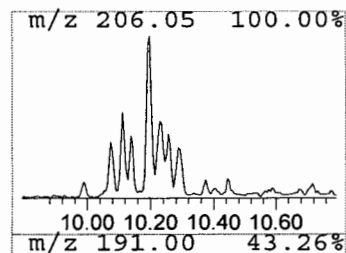
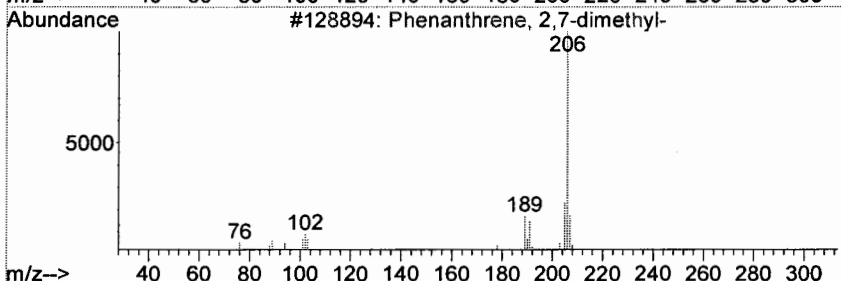
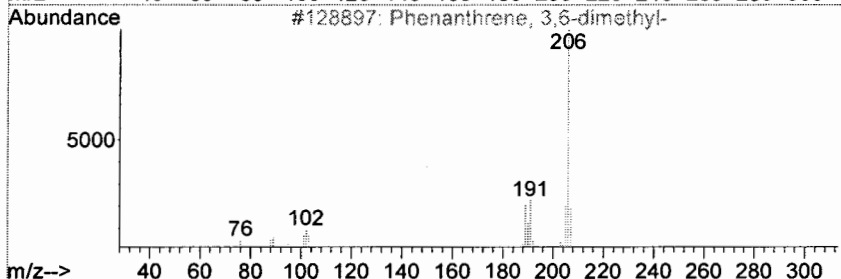
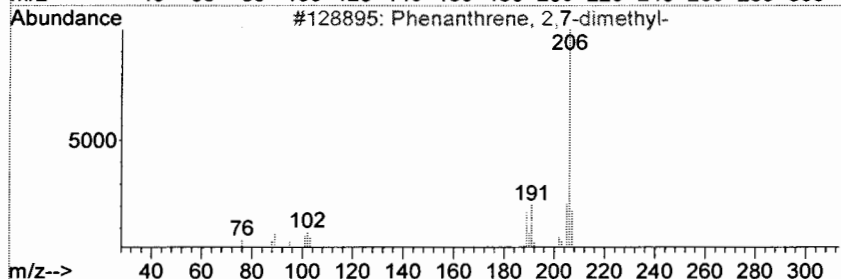
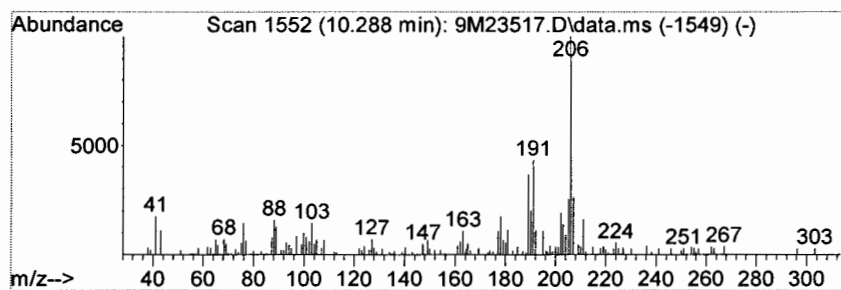
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 19 Phenanthrene, 2,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	8.64 ng	65181	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	72
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72
5			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	70



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

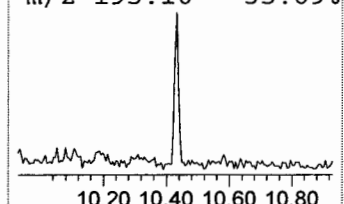
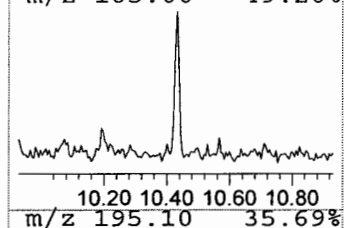
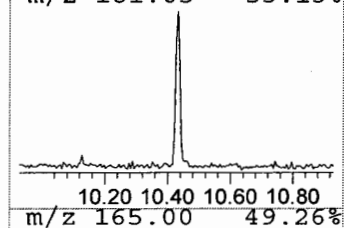
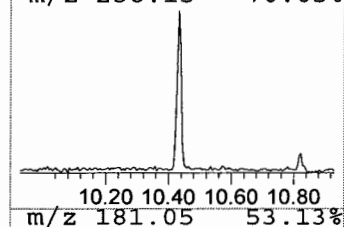
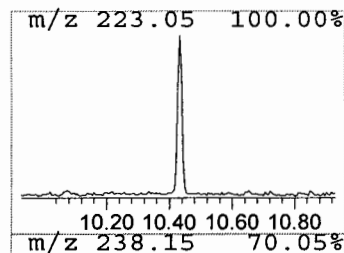
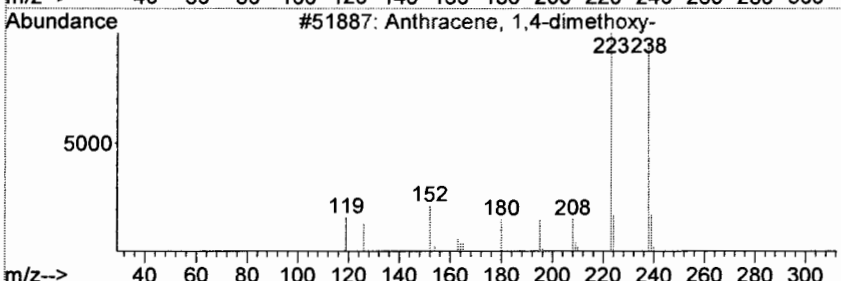
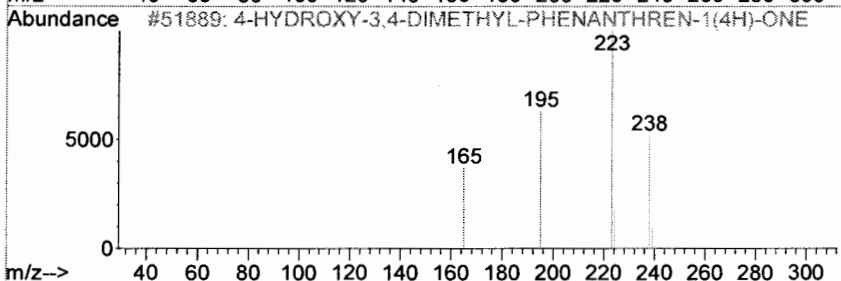
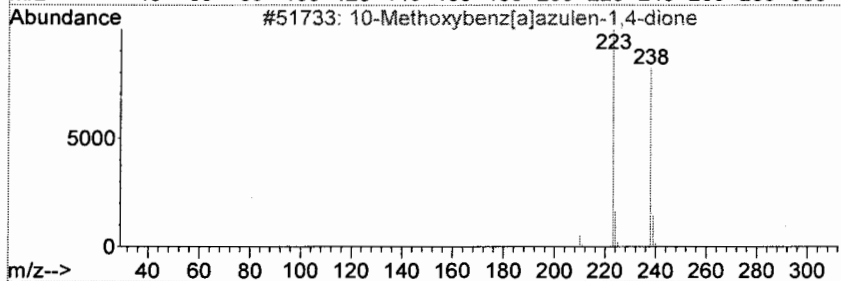
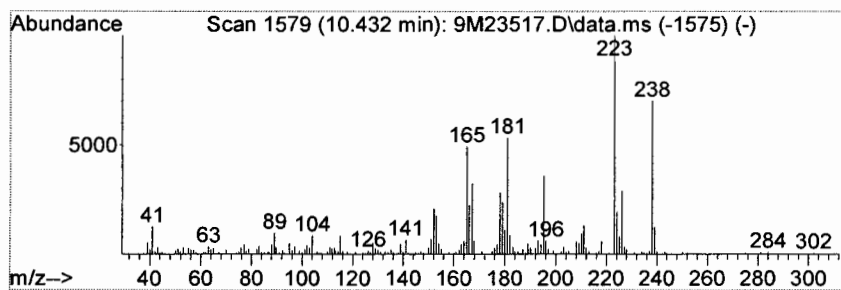
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 20 10-Methoxybenz[a]azulen-1,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	27.81 ng	209802	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methoxybenz[a]azulen-1,4-dione	238	C15H10O3	076319-77-2	64
2			4-HYDROXY-3,4-DIMETHYL-PHENANTHR...	238	C16H14O2	060505-33-1	49
3			Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	46
4			MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	46
5			Hemiketal fo 9,10-Dihydroxy deri...	238	C16H14O2	014923-28-5	43



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

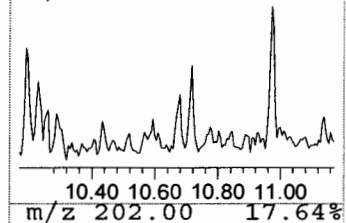
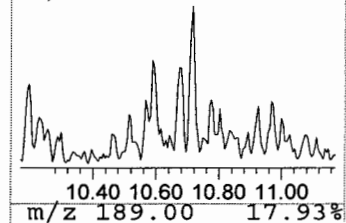
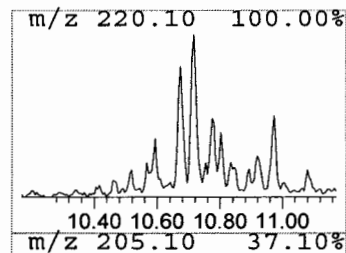
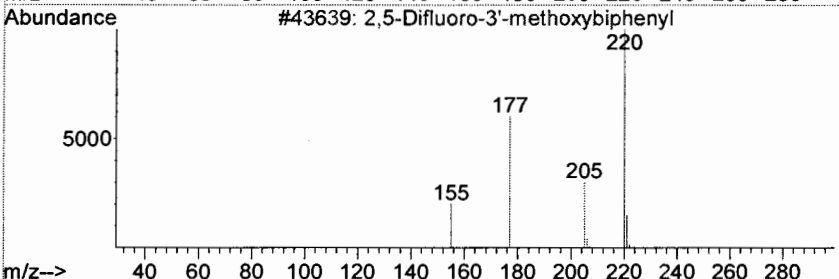
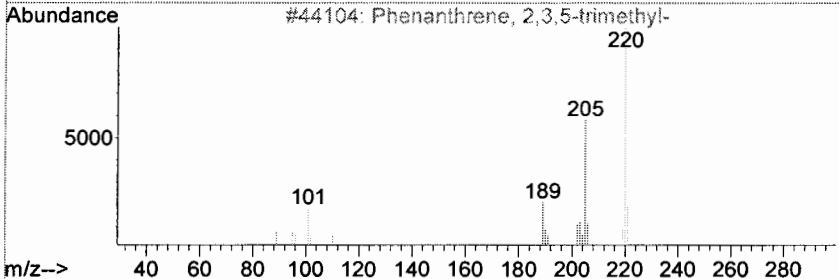
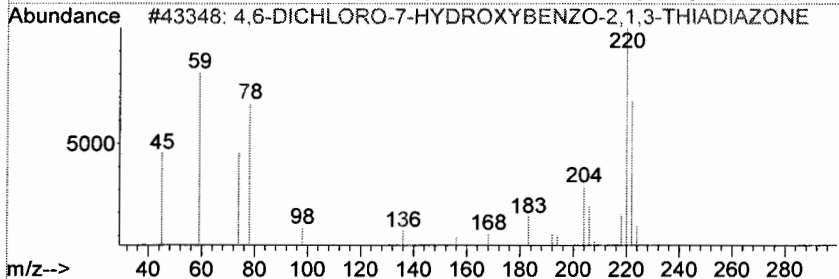
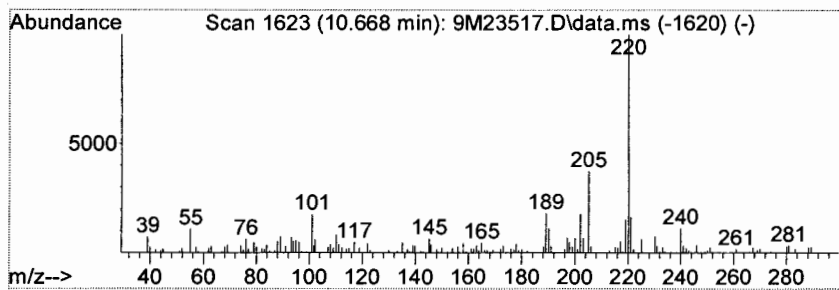
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 21 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	9.00 ng	59491	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6-DICHLORO-7-HYDROXYBENZO-2,1,...	220	C6H2Cl2N2OS	016407-74-2	80
2			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	58
3			2,5-Difluoro-3'-methoxybiphenyl	220	C13H10F2O	066175-45-9	53
4			5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	53
5			3,6,6-Trimethylbicyclo[4.5.1]dod...	220	C15H24O	088802-69-1	53



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

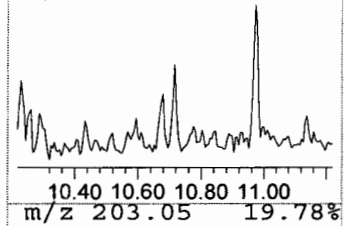
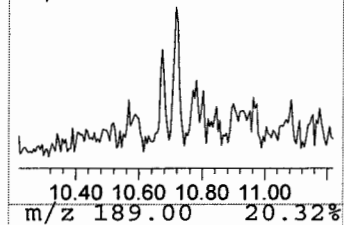
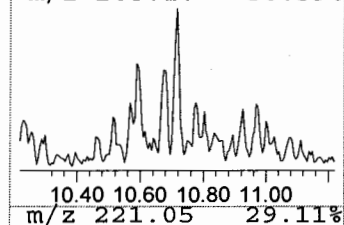
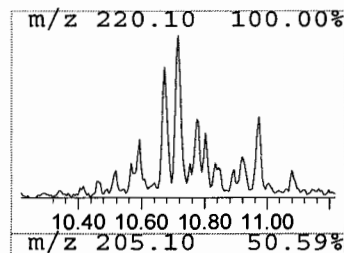
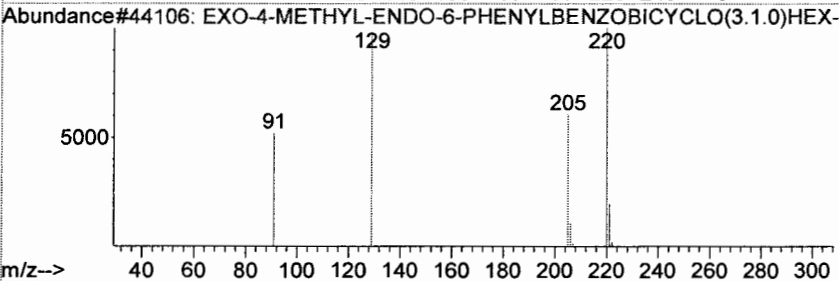
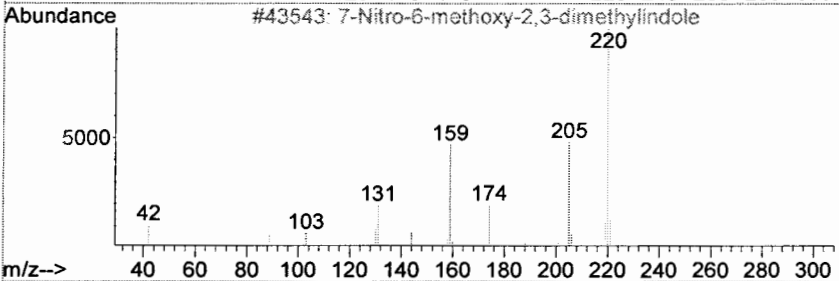
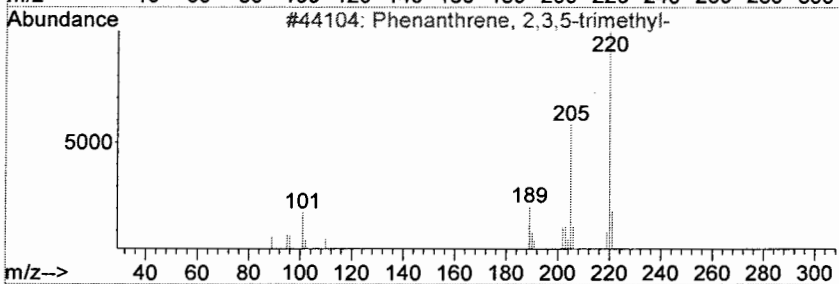
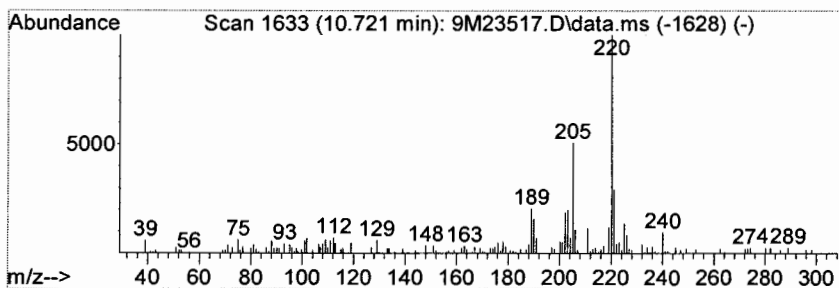
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 22 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	13.40 ng	88579	LibIS-Chrysene-d12	12.05

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	58
3			EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	53
4			3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	50
5			4-O-TOLYL-5-METHYLMINO-4,5-DIHY...	220	C10H12N4S	055695-42-6	38



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

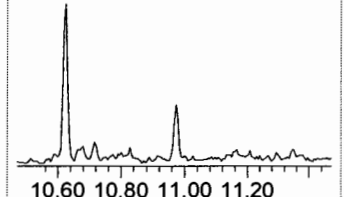
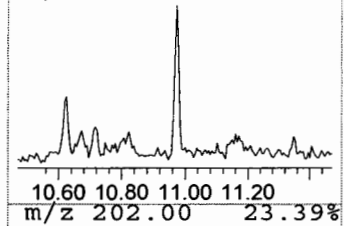
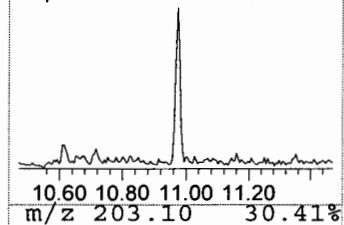
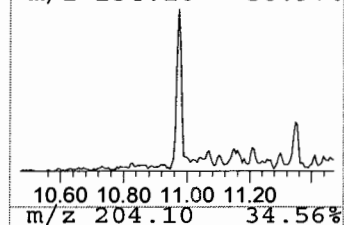
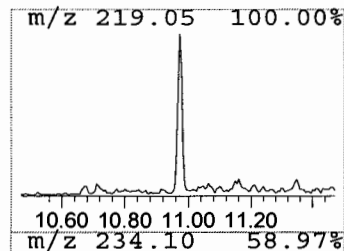
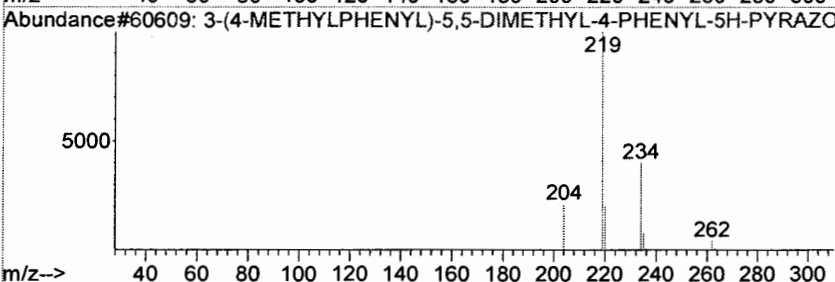
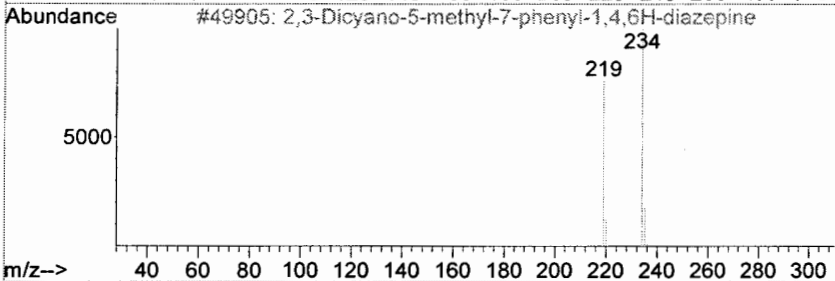
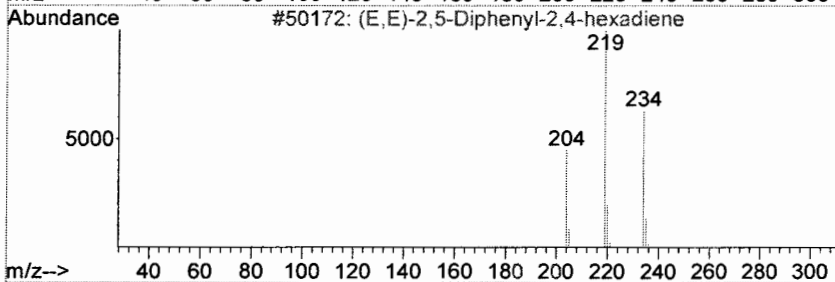
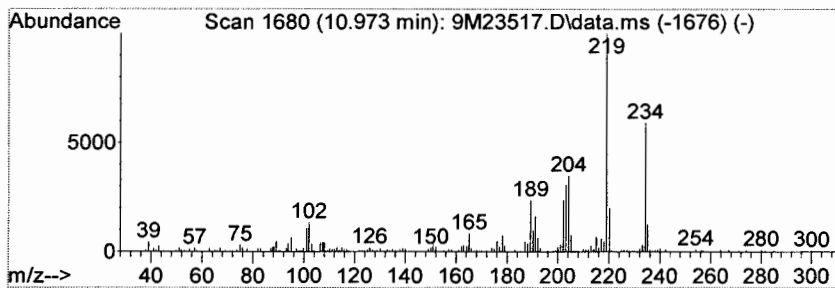
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 23 (E,E)-2,5-Diphenyl-2,4-hexa... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	29.36 ng	194061	LibIS-Chrysene-d12	12.05

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			2,3-Dicyano-5-methyl-7-phenyl-1,...	234	C14H10N4	056984-06-6	83
3			3-(4-METHYLPHENYL)-5,5-DIMETHYL-...	262	C18H18N2	071408-84-9	74
4			6,7-Dihydrindolo[1.7ab][1]benzaz...	219	C16H13N	087941-08-0	60
5			Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	59



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

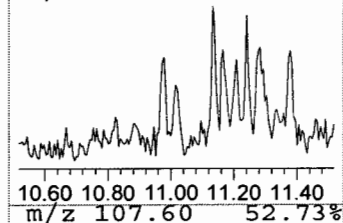
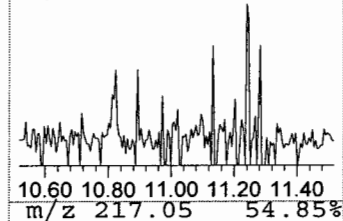
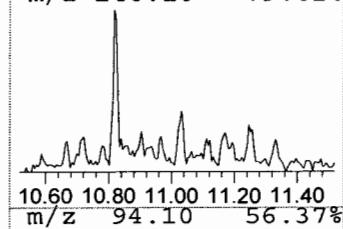
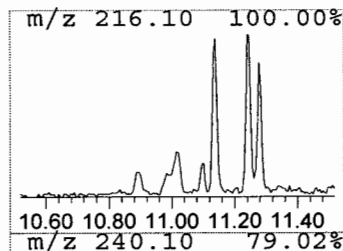
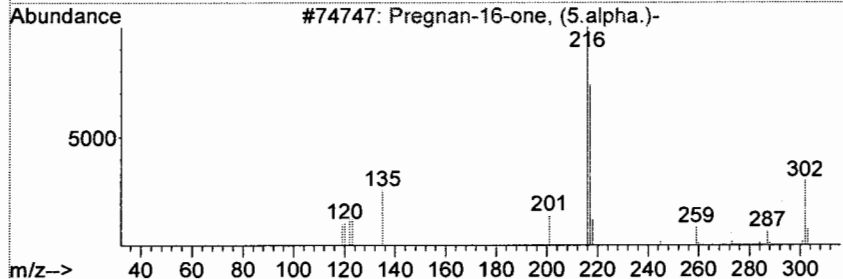
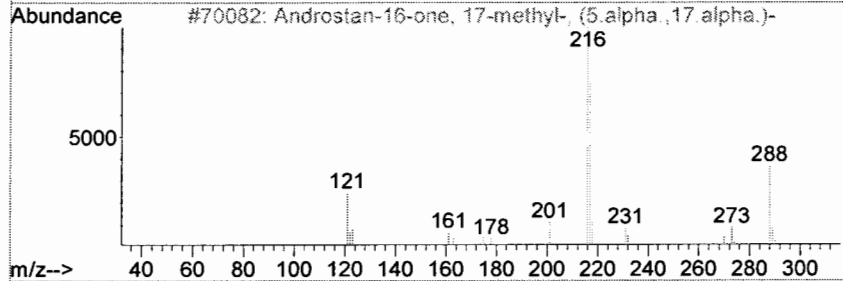
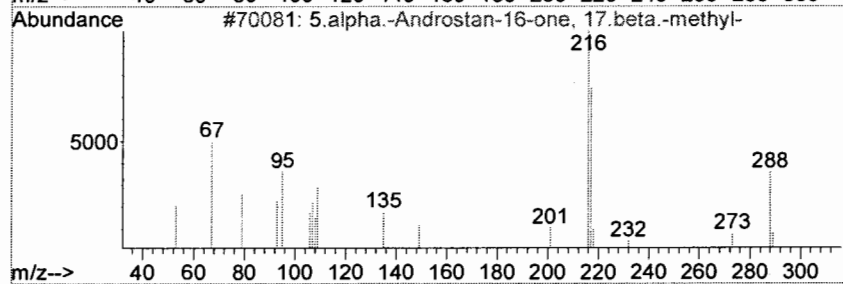
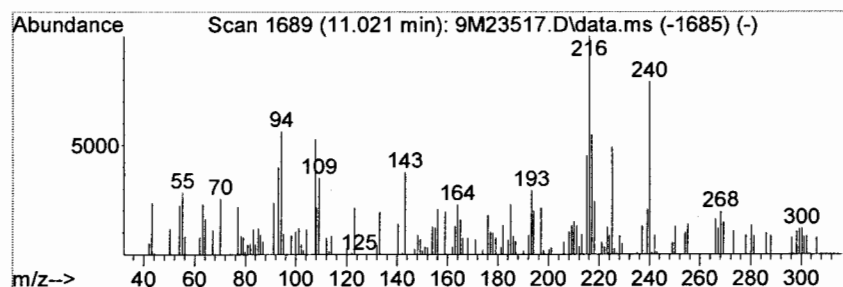
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 24 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	10.60 ng	70083	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5.alpha.-Androstan-16-one, 17.be...	288	C20H32O	025780-31-8	38
2			Androstan-16-one, 17-methyl-, (5...	288	C20H32O	056051-42-4	37
3			Pregnan-16-one, (5.alpha.)-	302	C21H34O	042921-26-6	37
4			2-DEUTEROXY-2'-METHOXYDIPHENYL E...	216	C13H11DO3	021905-61-3	35
5			4-Isothiazolecarbonitrile, 5-(et...	216	C7H8N2S3	025882-58-0	30



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

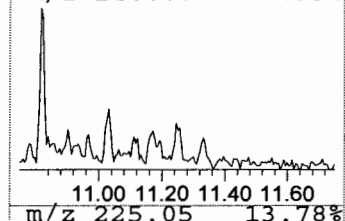
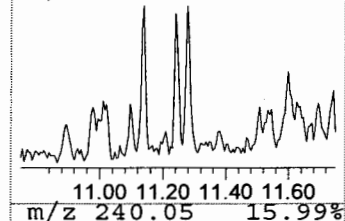
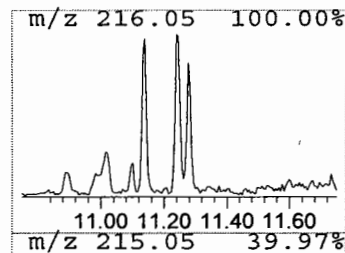
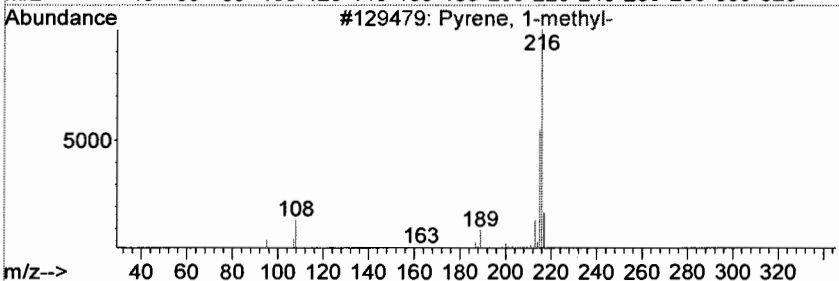
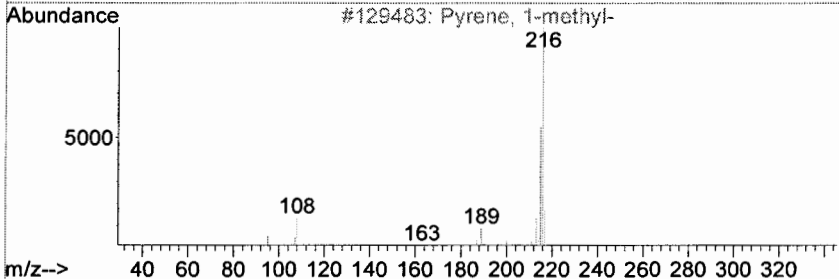
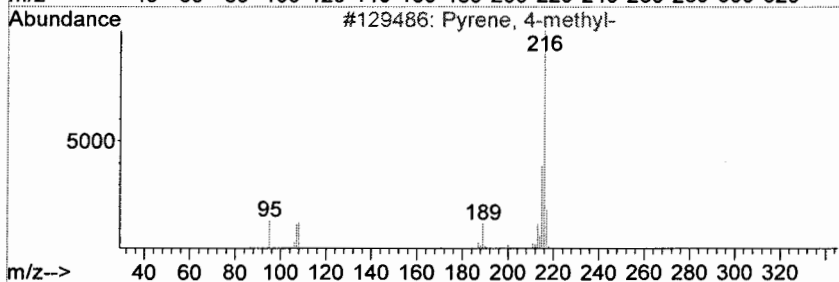
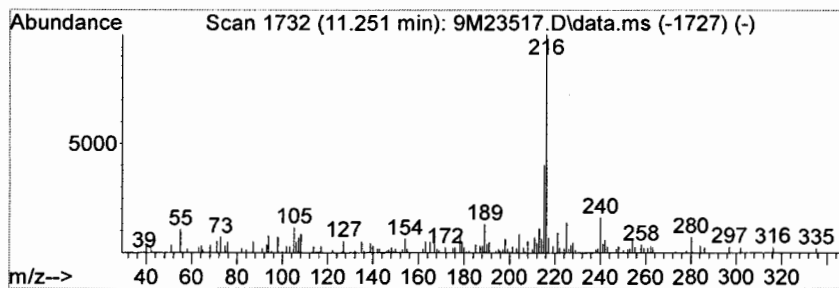
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 25 Pyrene, 4-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	7.98 ng	52781	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

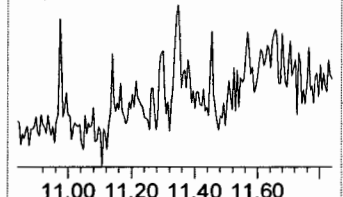
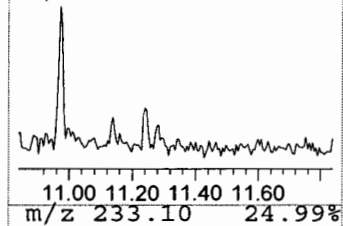
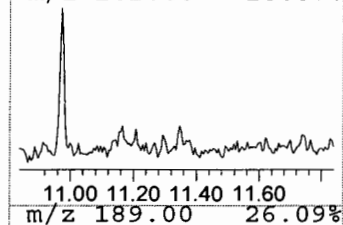
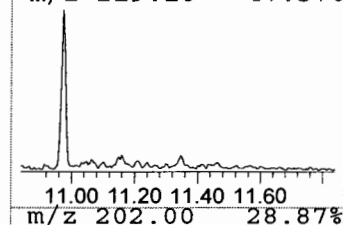
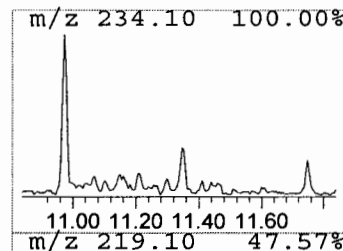
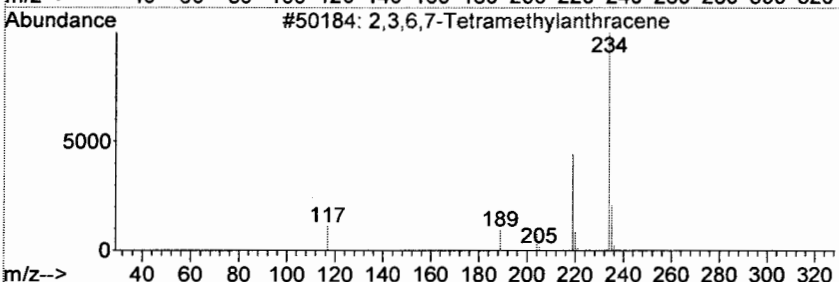
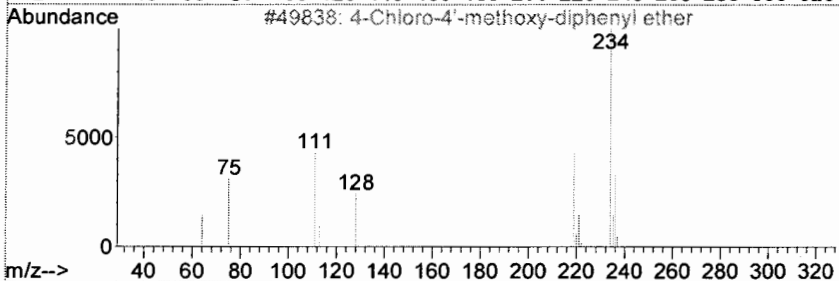
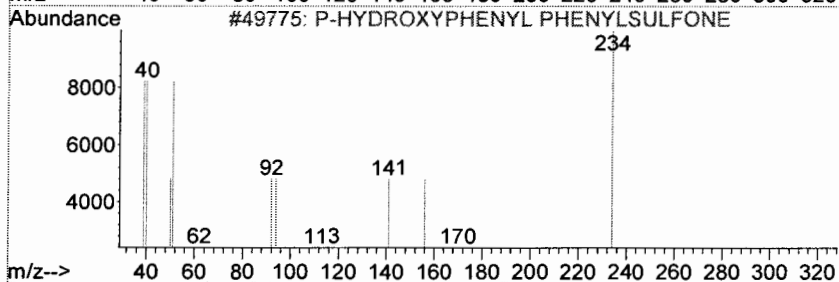
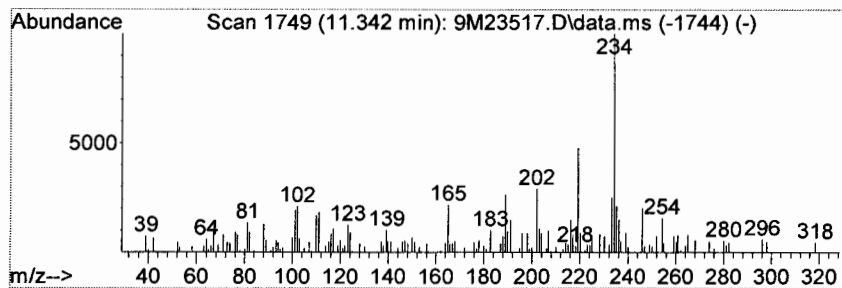
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 26 unknown Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	9.51 ng	62857	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			P-HYDROXYPHENYL PHENYLSULFONE	234	C12H10O3S	000000-00-0	91
2			4-Chloro-4'-methoxy-diphenyl ether	234	C13H11ClO2	000000-00-0	38
3			2,3,6,7-Tetramethylantracene	234	C18H18	015254-25-8	30
4			Isogermacrone-epoxide	234	C15H22O2	089362-62-9	25
5			2-Isopropylidene-5,9-dimethyl-4-...	234	C15H22O2	089293-91-4	25



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

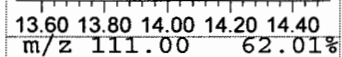
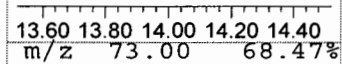
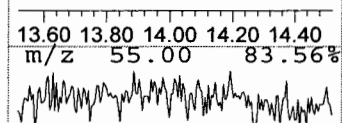
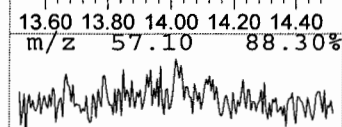
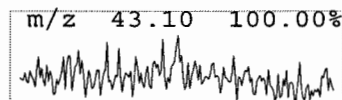
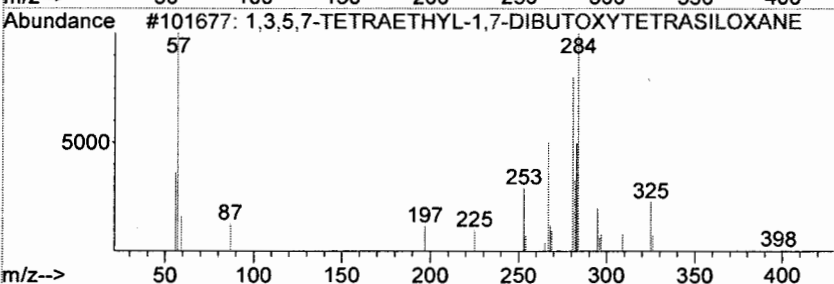
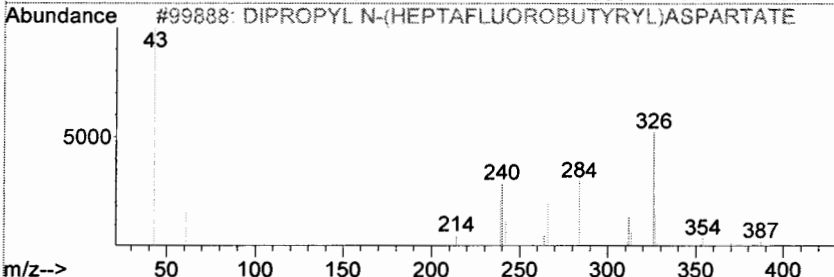
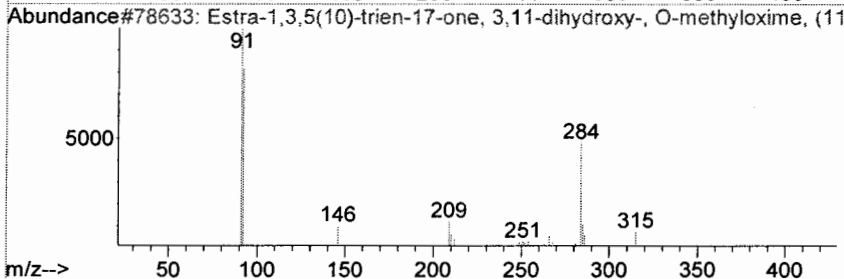
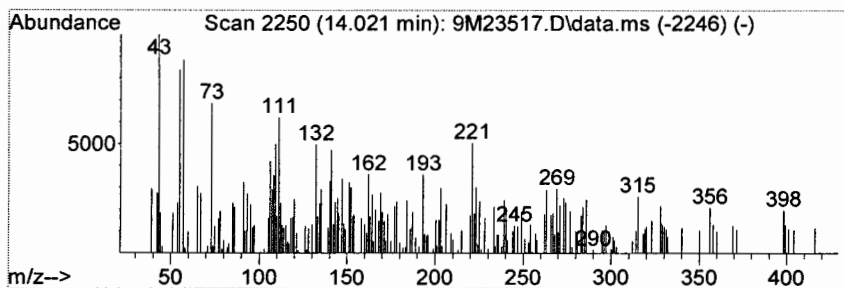
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 27 unknown Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	8.12 ng	51130	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Estra-1,3,5(10)-trien-17-one, 3,...	315	C19H25NO3	069833-88-1	9
2			DIPROPYL N-(HEPTAFLUOROBUTYRYL)A...	413	C14H18F7NO5	075743-04-3	9
3			1,3,5,7-TETRAETHYL-1,7-DIBUTOXYT...	426	C16H42O5Si4	073420-33-4	6
4			2,5-DIBROMOHYDROQUINONE	266	C6H4Br2O2	000000-00-0	4
5			11-ACETOXY-12-FORMYL-6-(1-METHYL...	344	C22H32O3	069301-52-6	2



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23517.D
Acq On : 2 Mar 2010 16:19
Operator : AHD
Sample : AC50034-006(2X)
Misc : S,BNA:2
ALS Vial : 20 Sample Multiplier: 1

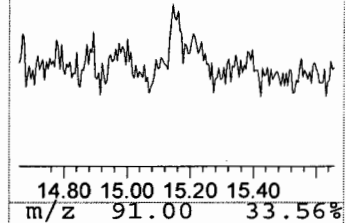
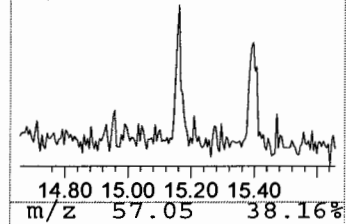
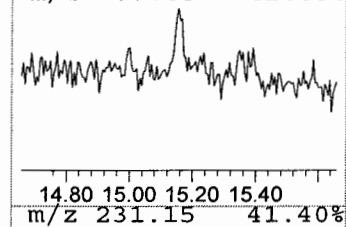
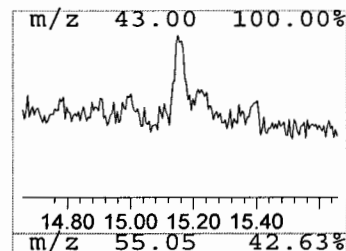
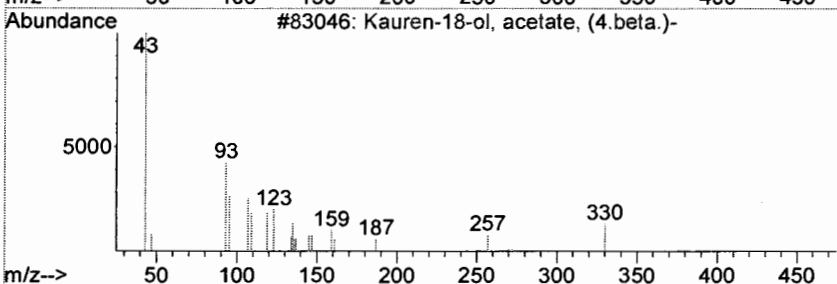
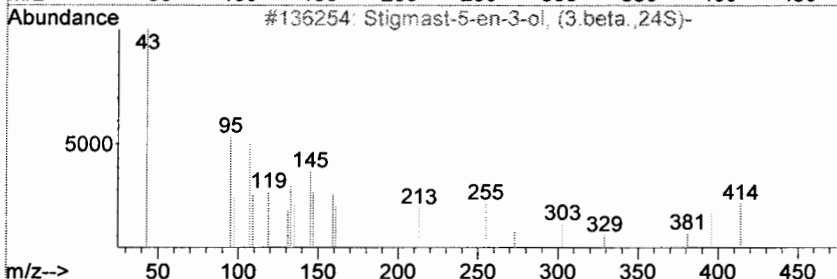
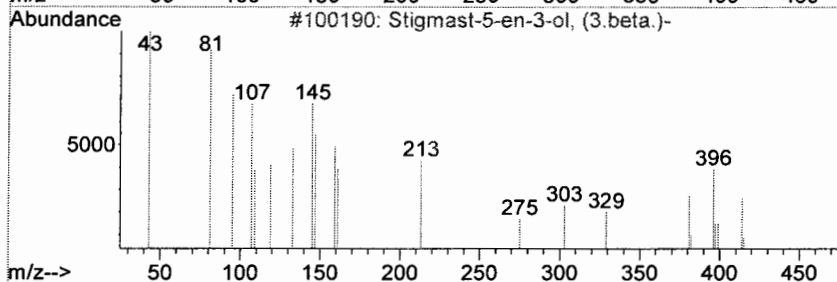
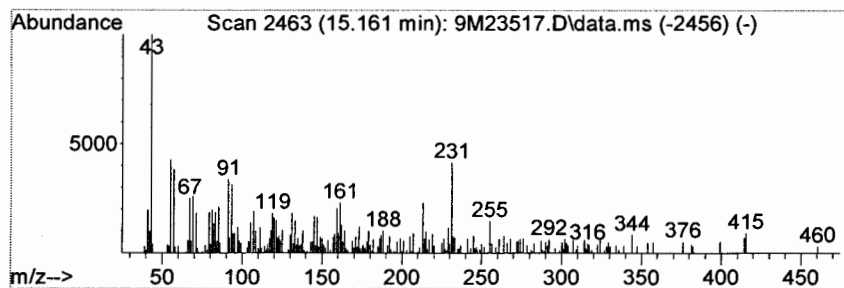
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 28 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	25.83 ng	162686	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Stigmast-5-en-3-ol, (3.beta.)-	414	C29H50O	000083-46-5	12
2			Stigmast-5-en-3-ol, (3.beta.,24S)-	414	C29H50O	000083-47-6	10
3			Kauren-18-ol, acetate, (4.beta.)-	330	C22H34O2	072150-74-4	9
4			KAUREN-19-YL-ACETATE	330	C22H34O2	000000-00-0	9
5			Pregnan-20-one, 3-(acetyloxy)-, ...	360	C23H36O3	001491-77-6	9



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23517.D
 Acq On : 2 Mar 2010 16:19
 Operator : AHD
 Sample : AC50034-006(2X)
 Misc : S,BNA:2
 ALS Vial : 20 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	3.27	11.7	ng	51213	1	5.26	5.26	174970	40.0
2-Pentanone, 4-hy...	3.69	2073.2	ng	9068726	1	5.26	5.26	174970	40.0
Naphthalene, 1-me...	6.89	8.8	ng	68600	2	6.28	6.28	312696	40.0
Naphthalene, 1,3-...	7.30	13.3	ng	102839	3	7.64	7.64	308858	40.0
Naphthalene, 1,4-...	7.36	12.1	ng	93149	3	7.64	7.64	308858	40.0
Naphthalene, 2,6-...	7.38	9.3	ng	71479	3	7.64	7.64	308858	40.0
Naphthalene, 1,4,...	7.73	10.4	ng	80024	3	7.64	7.64	308858	40.0
Naphthalene, 1,4,...	7.81	8.9	ng	68567	3	7.64	7.64	308858	40.0
Hexadecane	8.96	8.0	ng	60090	4	9.04	9.04	301786	40.0
9H-Fluorene, 2,3-...	9.16	8.1	ng	60876	4	9.04	9.04	301786	40.0
Dibenzothiophene,...	9.38	8.0	ng	60625	4	9.04	9.04	301786	40.0
Phenanthrene, 2-m...	9.58	12.1	ng	91626	4	9.04	9.04	301786	40.0
Anthracene, 2-met...	9.60	11.0	ng	82629	4	9.04	9.04	301786	40.0
Anthracene, 9-met...	9.69	11.8	ng	89078	4	9.04	9.04	301786	40.0
2,6-Dimethyldiben...	9.83	15.0	ng	113230	4	9.04	9.04	301786	40.0
1-Phenanthrenecar...	10.08	21.6	ng	162979	4	9.04	9.04	301786	40.0
Phenanthrene, 2,7...	10.11	8.1	ng	61204	4	9.04	9.04	301786	40.0
Phenanthrene, 2,7...	10.19	19.6	ng	147509	4	9.04	9.04	301786	40.0
Phenanthrene, 2,7...	10.29	8.6	ng	65181	4	9.04	9.04	301786	40.0
10-Methoxybenz[a]...	10.43	27.8	ng	209802	4	9.04	9.04	301786	40.0
Phenanthrene, 2,3...	10.67	9.0	ng	59491	5	12.05	12.05	264405	40.0
Phenanthrene, 2,3...	10.72	13.4	ng	88579	5	12.05	12.05	264405	40.0
(E,E)-2,5-Dipheny...	10.97	29.4	ng	194061	5	12.05	12.05	264405	40.0
unknown	11.02	10.6	ng	70083	5	12.05	12.05	264405	40.0
Pyrene, 4-methyl-	11.25	8.0	ng	52781	5	12.05	12.05	264405	40.0
unknown	11.34	9.5	ng	62857	5	12.05	12.05	264405	40.0
unknown	14.02	8.1	ng	51130	6	13.65	13.65	251939	40.0
unknown	15.16	25.8	ng	162686	6	13.65	13.65	251939	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-007(10X)

Client Id: PI01-TP-RAR2022310S01

Data File: 9M23547.D

Analysis Date: 03/03/10 18:11

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 10

Solids: 77

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.87	U	191-24-2	Benzo[g,h,i]perylene	0.87	U
122-66-7	1,2-Diphenylhydrazine	0.87	U	207-08-9	Benzo[k]fluoranthene	0.87	U
95-95-4	2,4,5-Trichlorophenol	0.87	U	65-85-0	Benzoic Acid	4.3	U
88-06-2	2,4,6-Trichlorophenol	0.87	U	111-91-1	bis(2-Chloroethoxy)methan	0.87	U
120-83-2	2,4-Dichlorophenol	0.87	U	111-44-4	bis(2-Chloroethyl)ether	0.87	U
105-67-9	2,4-Dimethylphenol	0.87	U	108-60-1	bis(2-chloroisopropyl)ether	0.87	U
51-28-5	2,4-Dinitrophenol	4.3	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.87	U
121-14-2	2,4-Dinitrotoluene	0.87	U	85-68-7	Butylbenzylphthalate	0.87	U
606-20-2	2,6-Dinitrotoluene	0.87	U	86-74-8	Carbazole	0.87	U
91-58-7	2-Chloronaphthalene	0.87	U	218-01-9	Chrysene	0.87	U
95-57-8	2-Chlorophenol	0.87	U	53-70-3	Dibenzo[a,h]anthracene	0.87	U
91-57-6	2-Methylnaphthalene	0.87	5.3	132-64-9	Dibenzofuran	0.87	U
95-48-7	2-Methylphenol	0.87	U	84-66-2	Diethylphthalate	0.87	U
88-74-4	2-Nitroaniline	0.87	U	131-11-3	Dimethylphthalate	0.87	U
88-75-5	2-Nitrophenol	0.87	U	84-74-2	Di-n-butylphthalate	0.87	U
106-44-5	3&4-Methylphenol	0.87	U	117-84-0	Di-n-octylphthalate	0.87	U
91-94-1	3,3'-Dichlorobenzidine	0.87	U	206-44-0	Fluoranthene	0.87	U
99-09-2	3-Nitroaniline	0.87	U	86-73-7	Fluorene	0.87	U
534-52-1	4,6-Dinitro-2-methylphenol	4.3	U	118-74-1	Hexachlorobenzene	0.87	U
101-55-3	4-Bromophenyl-phenylether	0.87	U	87-68-3	Hexachlorobutadiene	0.87	U
59-50-7	4-Chloro-3-methylphenol	0.87	U	77-47-4	Hexachlorocyclopentadiene	4.3	U
106-47-8	4-Chloroaniline	0.87	U	67-72-1	Hexachloroethane	0.87	U
7005-72-3	4-Chlorophenyl-phenylether	0.87	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.87	U
100-01-6	4-Nitroaniline	0.87	U	78-59-1	Isophorone	0.87	U
100-02-7	4-Nitrophenol	0.87	U	91-20-3	Naphthalene	0.87	U
83-32-9	Acenaphthene	0.87	U	98-95-3	Nitrobenzene	0.87	U
208-96-8	Acenaphthylene	0.87	U	62-75-9	N-Nitrosodimethylamine	0.87	U
62-53-3	Aniline	0.87	U	621-64-7	N-Nitroso-di-n-propylamine	0.87	U
120-12-7	Anthracene	0.87	U	86-30-6	n-Nitrosodiphenylamine	0.87	U
92-87-5	Benzidine	4.3	U	87-86-5	Pentachlorophenol	4.3	U
56-55-3	Benzo[a]anthracene	0.87	U	85-01-8	Phenanthrene	0.87	1.0
50-32-8	Benzo[a]pyrene	0.87	U	108-95-2	Phenol	0.87	U
205-99-2	Benzo[b]fluoranthene	0.87	U	129-00-0	Pyrene	0.87	U

Worksheet #: 144341

Total Target Concentration 6.3

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-007(10X)
 Client Id: PI01-TP-RAR2022310S
 Data File: 9M23547.D
 Analysis Date: 03/03/10 18:11
 Date Rec/Extracted: 02/25/10-03/02/10

Matrix: Soil
 Initial Vol: 30g
 Final Vol: 1ml
 Dilution: 10
 Solids: 77
 Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.60	150 JA B 14.3.4.10
2	264-09-5	BENZOCYCLOHEPTATRIENE	6.89	6.4 J
3	581-40-8	Naphthalene, 2,3-dimethyl-	7.35	3.3 J
4	35281-31-3	Benz[a]anthracene, 7,12-dihydro-7,12-di	9.61	3.7 J
5		unknown	9.66	11 J
6		unknown	9.69	2.7 J
7		unknown	9.75	510 J
8	1686-56-2	Sandaracopimaradiene	9.81	7.7 J
9		unknown	9.89	890 J
10	6790-27-8	3-Dodecyne	10.02	740 J
11	87233-16-7	(Z)-4-Ethyl-1,3-dimethyl-5-(3,4-dimethyl	10.05	14 J
12		unknown	10.09	88 J
13		unknown	10.16	3.1 J
14		unknown	10.22	2.9 J
15	19407-28-4	Phenanthrene, 1,2,3,4,4a,9,10,10a-octa	10.25	3.6 J
16	76319-77-2	10-Methoxybenz[a]azulen-1,4-dione	10.44	84 J
17	88048-73-1	4,8-Dihydrodithieno[2,3-b:3'2'-e]thiepin	10.50	3.6 J
18		unknown	10.58	8.1 J
19		unknown	10.64	4.1 J
20	69576-83-6	7H-Cyclohepta[b]naphthalen-7-one, 8,9-	10.73	11 J
21	69576-83-6	7H-Cyclohepta[b]naphthalen-7-one, 8,9-	10.82	5.0 J
22	7396-38-5	Phenanthrene, 2,4,5,7-tetramethyl-	11.05	1400 J
23		unknown	11.10	130 J
24	568-40-1	Lycorenan-7-one, 1-methyl-9,10-[methyl	11.33	11 J
25		unknown	14.07	3.7 J

Worksheet #: 144341

Total Tentatively Identified Concentration 4100*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 : AC50034-007(10X) Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23547.D Sam Mult : 1 Vial# : 15 Qt On : 03/04/10 06:36
 Acq On : 03/ 3/10 18:11 Misc : S,BNA:10 Qt Upd On: 03/01/10 13:59

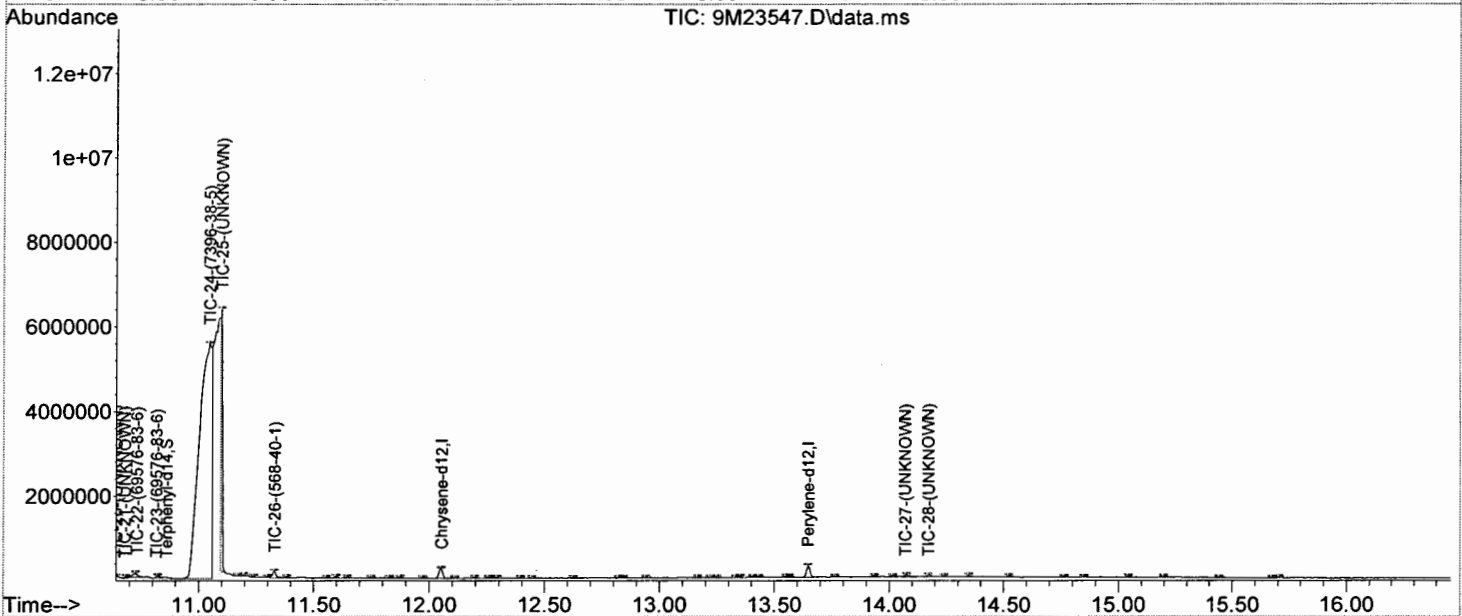
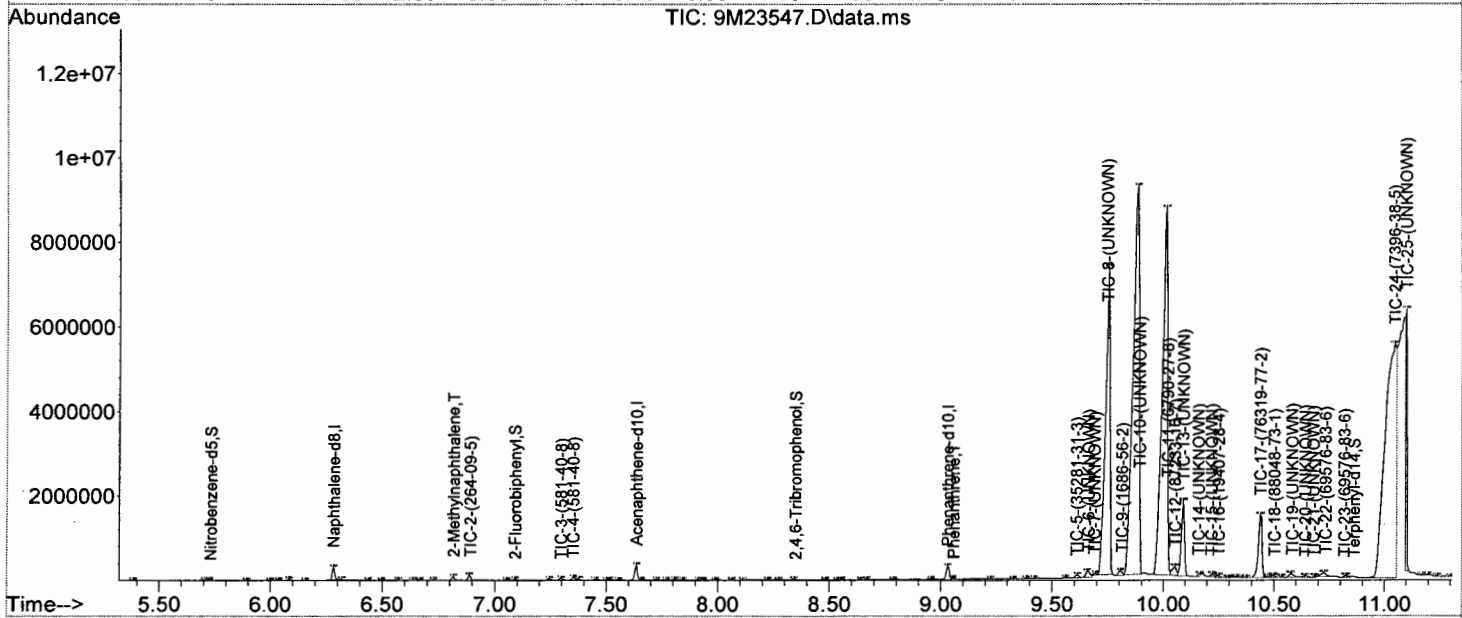
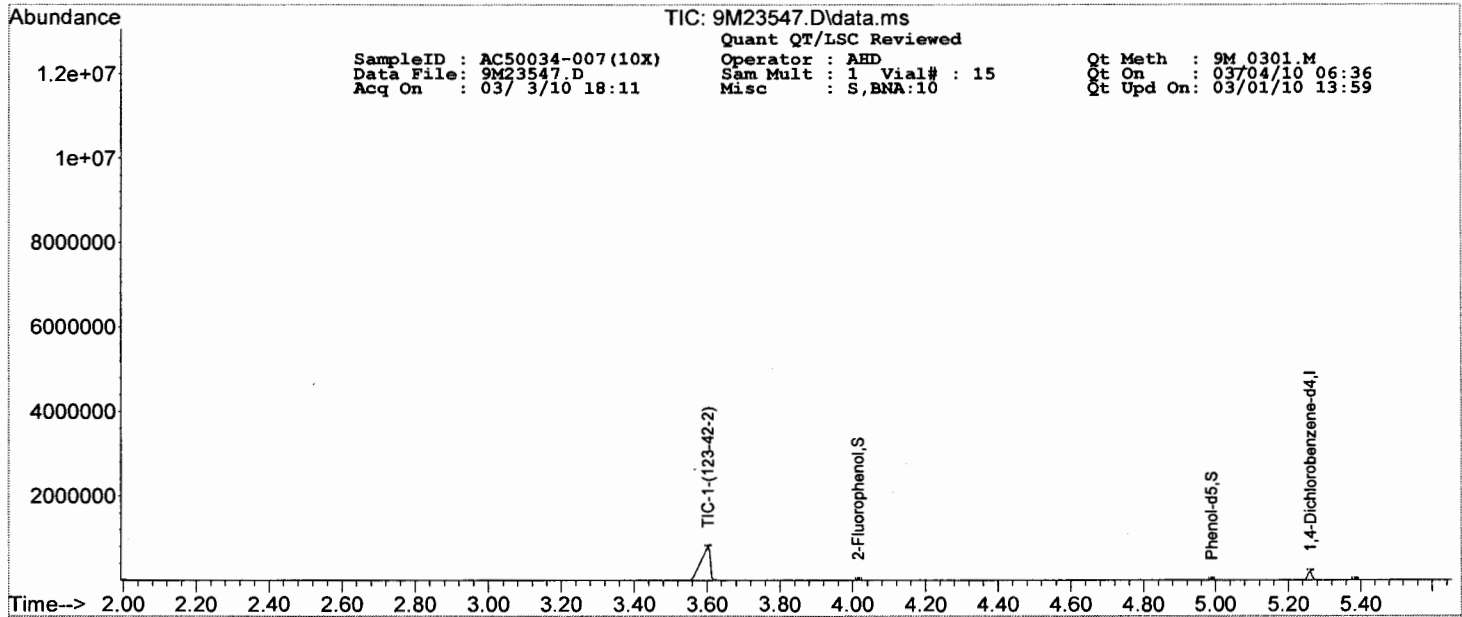
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 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

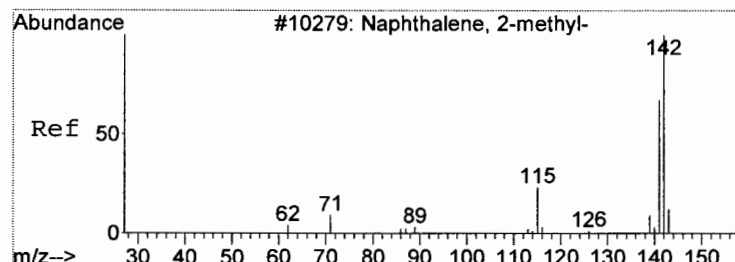
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.260	152	25998	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	101998	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	60465	40.00	ng	-0.01
73) Phenanthrene-d10	9.031	188	99876	40.00	ng	-0.01
87) Chrysene-d12	12.053	240	80451	40.00	ng	0.00
102) Perylene-d12	13.647	264	87375	40.00	ng	-0.01
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	4671	6.68	ng	0.00
Spiked Amount 100.000			Recovery	=	6.68%	
15) Phenol-d5	4.987	99	5117	5.61	ng	0.01
Spiked Amount 100.000			Recovery	=	5.61%	
30) Nitrobenzene-d5	5.731	128	1410	3.30	ng	0.00
Spiked Amount 50.000			Recovery	=	6.60%	
52) 2-Fluorobiphenyl	7.089	172	7991	3.86	ng	0.00
Spiked Amount 50.000			Recovery	=	7.72%	
76) 2,4,6-Tribromophenol	8.346	330	1655	8.91	ng	-0.01
Spiked Amount 100.000			Recovery	=	8.91%	
90) Terphenyl-d14	10.860	244	9169m	3.97	ng	0.03
Spiked Amount 50.000			Recovery	=	7.94%	
Target Compounds						
44) 2-Methylnaphthalene	6.817	142	21805	12.30	ng	93
82) Phenanthrene	9.058	178	6899	2.37	ng	94
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.260		168083	40.00	ng	--
2) Naphthalene-d8	6.282		275337	40.00	ng	--
3) Acenaphthene-d10	7.635		325402	40.00	ng	--
4) Phenanthrene-d10	9.031		348315	40.00	ng	--
5) Chrysene-d12	12.053		262629	40.00	ng	--
6) Perylene-d12	13.647		318824	40.00	ng	--
Library Search Compounds						
1) 123-42-2	3.600		1440975	342.92	ng	50
2) 264-09-5	6.890		101568	14.76	ng	94
3) 581-40-8	7.300		45940	5.65	ng	93
4) 581-40-8	7.350		61092	7.51	ng	96
5) 35281-31-3	9.610		75241	8.64	ng	90
6) UNKNOWN	9.660		217983	25.03	ng	--
7) UNKNOWN	9.690		54338	6.24	ng	--
8) UNKNOWN	9.750		10226389	1174.38	ng	--
9) 1686-56-2	9.810		154895	17.79	ng	93
10) UNKNOWN	9.890		17974394	2064.15	ng	--
11) 6790-27-8	10.020		14903035	1711.44	ng	59
12) 87233-16-7	10.050		275288	31.61	ng	90
13) UNKNOWN	10.090		1765552	202.75	ng	--
14) UNKNOWN	10.160		62516	7.18	ng	--
15) UNKNOWN	10.220		57387	6.59	ng	--
16) 19407-28-4	10.250		72418	8.32	ng	97
17) 76319-77-2	10.440		1691602	194.26	ng	86
18) 88048-73-1	10.500		72587	8.34	ng	78
19) UNKNOWN	10.580		122852	18.71	ng	--
20) UNKNOWN	10.640		62528	9.52	ng	--
21) UNKNOWN	10.680		34822	5.30	ng	--
22) 69576-83-6	10.730		160014	24.37	ng	58
23) 69576-83-6	10.820		75405	11.48	ng	87
24) 7396-38-5	11.050		21715733	3307.44	ng	91
25) UNKNOWN	11.100		2032052	309.49	ng	--
26) 568-40-1	11.330		167088	25.45	ng	50
27) UNKNOWN	14.070		67304	8.44	ng	--
28) UNKNOWN	14.170		49507	6.21	ng	--

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

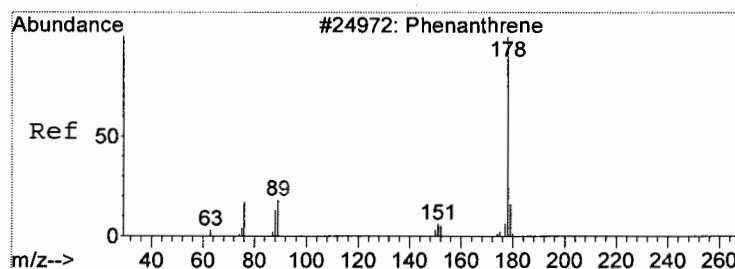
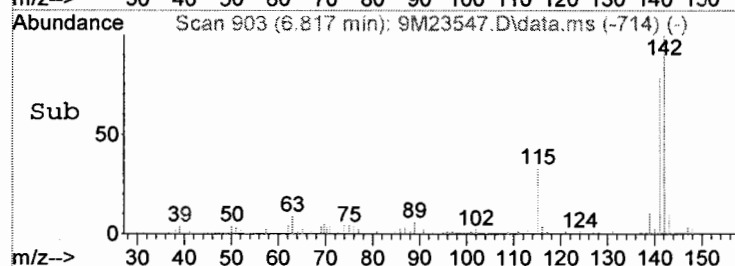
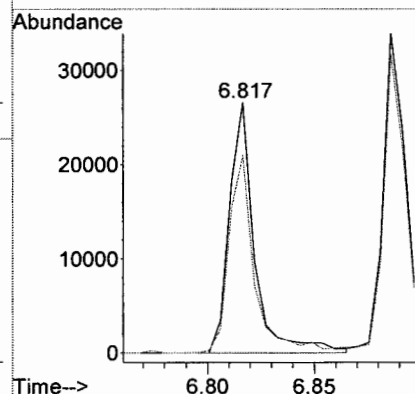
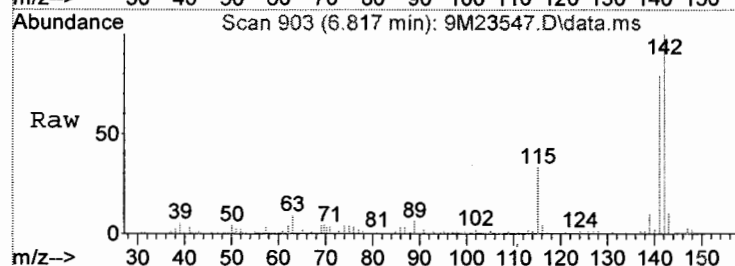
Ice





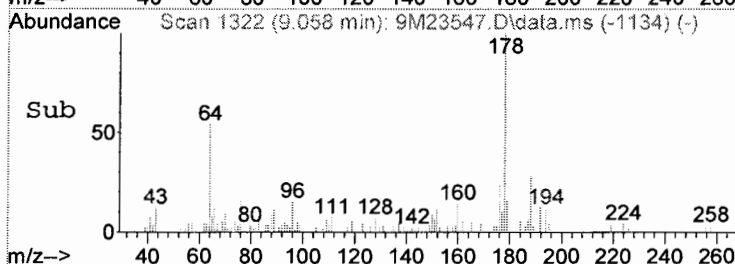
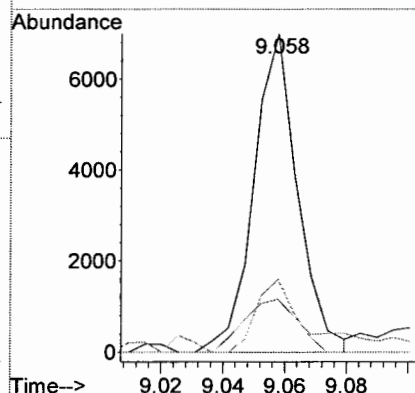
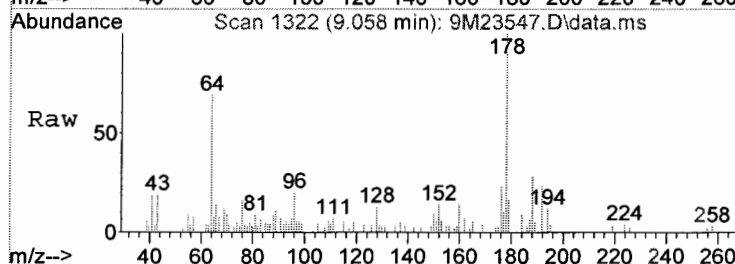
#44
2-Methylnaphthalene
Concen: 12.30 ng
RT: 6.817 min Scan# 903
Delta R.T. -0.005 min
Lab File: 9M23547.D
Acq: 3 Mar 2010 18:11

Tgt Ion:142 Resp: 21805
Ion Ratio Lower Upper
142 100
141 78.7 44.6 124.6



#82
Phenanthrene
Concen: 2.37 ng
RT: 9.058 min Scan# 1322
Delta R.T. -0.011 min
Lab File: 9M23547.D
Acq: 3 Mar 2010 18:11

Tgt Ion:178 Resp: 6899
Ion Ratio Lower Upper
178 100
179 13.5 0.0 55.5
176 22.7 0.0 59.3



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	292	302	305	rBV	790029	1440975	6.64%	1.876%
2	4.014	376	379	388	rVB2	12023	14585	0.07%	0.019%
3	4.987	558	561	569	rBV3	13906	23249	0.11%	0.030%
4	5.260	608	612	619	rBV	197034	164974	0.76%	0.215%
5	5.383	632	635	638	rBV5	4008	5156	0.02%	0.007%
6	5.704	692	695	697	rBV2	7830	6378	0.03%	0.008%
7	5.726	697	699	704	rVB3	13577	13048	0.06%	0.017%
8	5.891	724	730	732	rBV3	5581	6291	0.03%	0.008%
9	5.998	745	750	752	rBV4	3697	5051	0.02%	0.007%
10	6.036	752	757	763	rVB3	8902	12449	0.06%	0.016%
11	6.084	763	766	769	rBV2	28673	23717	0.11%	0.031%
12	6.153	775	779	783	rVB3	4109	5624	0.03%	0.007%
13	6.282	799	803	808	rBV	305471	244649	1.13%	0.318%
14	6.319	808	810	813	rVB	23977	17163	0.08%	0.022%
15	6.437	827	832	835	rVB5	6916	7866	0.04%	0.010%
16	6.496	835	843	848	rBV6	10914	16792	0.08%	0.022%
17	6.571	855	857	860	rVB2	11856	9216	0.04%	0.012%
18	6.635	867	869	871	rVB	9007	6218	0.03%	0.008%
19	6.667	871	875	879	rBV7	5057	6671	0.03%	0.009%
20	6.726	883	886	889	rBV2	10417	7824	0.04%	0.010%
21	6.817	898	903	908	rBV	88635	70228	0.32%	0.091%
22	6.886	912	916	920	rBV	128942	101568	0.47%	0.132%
23	7.052	943	947	949	rVB3	6391	5438	0.03%	0.007%
24	7.089	951	954	957	rBV	26559	19987	0.09%	0.026%
25	7.245	978	983	988	rBV	33808	37608	0.17%	0.049%
26	7.298	988	993	996	rBV2	38774	45940	0.21%	0.060%
27	7.352	1000	1003	1006	rBV	63698	61092	0.28%	0.080%
28	7.378	1006	1008	1012	rVB2	32598	27659	0.13%	0.036%
29	7.448	1018	1021	1026	rVB2	20995	26252	0.12%	0.034%
30	7.501	1029	1031	1032	rBV2	6543	5025	0.02%	0.007%
31	7.517	1032	1034	1038	rVV4	20158	18693	0.09%	0.024%
32	7.555	1038	1041	1043	rVB3	5847	5379	0.02%	0.007%
33	7.635	1052	1056	1059	rBV	349856	272708	1.26%	0.355%
34	7.656	1059	1060	1068	rVB6	16845	24803	0.11%	0.032%
35	7.726	1068	1073	1078	rBV5	18801	28154	0.13%	0.037%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	7.769	1078	1081	1083	rBV4	6471	6421	0.03%	0.008%
37	7.806	1085	1088	1092	rVB2	14553	18378	0.08%	0.024%
38	7.844	1092	1095	1097	rBV2	12836	12472	0.06%	0.016%
39	7.913	1105	1108	1110	rBV3	10484	8927	0.04%	0.012%
40	7.935	1110	1112	1117	rVB6	7406	8273	0.04%	0.011%
41	7.988	1119	1122	1124	rBV4	9514	11171	0.05%	0.015%
42	8.063	1134	1136	1139	rVB3	9174	7954	0.04%	0.010%
43	8.111	1142	1145	1147	rBV4	11167	10198	0.05%	0.013%
44	8.223	1163	1166	1169	rBV5	11889	9824	0.05%	0.013%
45	8.272	1171	1175	1179	rVB7	6542	7756	0.04%	0.010%
46	8.341	1184	1188	1192	rBV6	18708	21055	0.10%	0.027%
47	8.480	1209	1214	1219	rVB7	13794	21741	0.10%	0.028%
48	8.534	1221	1224	1226	rBV4	7200	6512	0.03%	0.008%
49	8.555	1226	1228	1231	rVB4	10919	9478	0.04%	0.012%
50	8.641	1239	1244	1247	rBV7	8027	11227	0.05%	0.015%
51	8.667	1247	1249	1251	rVV3	11197	7792	0.04%	0.010%
52	8.785	1266	1271	1274	rBV7	5984	10512	0.05%	0.014%
53	8.956	1297	1303	1310	rBV7	14022	28856	0.13%	0.038%
54	9.031	1310	1317	1320	rBV	320964	312679	1.44%	0.407%
55	9.052	1320	1321	1325	rVB	22007	19905	0.09%	0.026%
56	9.224	1351	1353	1356	rBV3	8234	9234	0.04%	0.012%
57	9.325	1369	1372	1376	rBV6	7042	8015	0.04%	0.010%
58	9.384	1380	1383	1384	rBV3	8297	7721	0.04%	0.010%
59	9.421	1388	1390	1392	rBV3	12609	9399	0.04%	0.012%
60	9.561	1413	1416	1417	rBV3	21397	17373	0.08%	0.023%
61	9.614	1422	1426	1429	rBV3	73585	75241	0.35%	0.098%
62	9.657	1429	1434	1438	rBV4	150748	217983	1.00%	0.284%
63	9.694	1438	1441	1443	rVV3	44734	54338	0.25%	0.071%
64	9.753	1443	1452	1455	rVV	7287467	10226389	47.09%	13.310%
65	9.807	1457	1462	1465	rBV3	115556	154895	0.71%	0.202%
66	9.887	1465	1477	1480	rVV2	9191395	17974394	82.77%	23.395%
67	10.015	1489	1501	1504	rBV2	8692966	14903035	68.63%	19.397%
68	10.053	1504	1508	1510	rVV3	221702	275288	1.27%	0.358%
69	10.090	1510	1515	1519	rVB	1791601	1765552	8.13%	2.298%
70	10.165	1525	1529	1530	rBV4	68026	62516	0.29%	0.081%
71	10.224	1537	1540	1542	rBV	66788	57387	0.26%	0.075%
72	10.251	1542	1545	1551	rVB7	56275	72418	0.33%	0.094%
73	10.293	1551	1553	1554	rBV2	10452	7223	0.03%	0.009%
74	10.331	1558	1560	1561	rBV2	8109	5912	0.03%	0.008%
75	10.374	1566	1568	1571	rBV3	9228	9201	0.04%	0.012%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	10.438	1572	1580	1584	rVV	1490718	1691602	7.79%	2.202%
77	10.470	1584	1586	1587	rVV2	23194	19808	0.09%	0.026%
78	10.497	1587	1591	1595	rVV4	48187	72587	0.33%	0.094%
79	10.534	1595	1598	1601	rVV4	21197	21294	0.10%	0.028%
80	10.577	1602	1606	1614	rBV9	87325	122852	0.57%	0.160%
81	10.641	1614	1618	1624	rVB8	39483	62528	0.29%	0.081%
82	10.684	1624	1626	1628	rBV3	34508	34822	0.16%	0.045%
83	10.727	1628	1634	1640	rVB8	98574	160014	0.74%	0.208%
84	10.823	1648	1652	1656	rBV4	51159	75405	0.35%	0.098%
85	11.047	1672	1694	1696	rBV5	5540543	21715733	100.00%	28.264%
86	11.101	1703	1704	1706	rVB	6193216	2032052	9.36%	2.645%
87	11.170	1715	1717	1719	rVB3	19935	15367	0.07%	0.020%
88	11.197	1719	1722	1724	rBV4	22175	22577	0.10%	0.029%
89	11.240	1728	1730	1733	rVB4	21154	16004	0.07%	0.021%
90	11.299	1738	1741	1742	rBV2	10546	9069	0.04%	0.012%
91	11.331	1743	1747	1754	rVB	154197	167088	0.77%	0.217%
92	11.384	1754	1757	1761	rBV5	16434	25897	0.12%	0.034%
93	11.556	1787	1789	1791	rVB3	10034	6594	0.03%	0.009%
94	11.598	1794	1797	1801	rBV	33715	32405	0.15%	0.042%
95	11.647	1802	1806	1811	rVV8	10830	17104	0.08%	0.022%
96	11.748	1822	1825	1827	rBV4	12484	13742	0.06%	0.018%
97	11.828	1838	1840	1841	rBV2	10890	7287	0.03%	0.009%
98	11.877	1845	1849	1853	rVB7	19516	24612	0.11%	0.032%
99	11.973	1864	1867	1870	rBV5	10022	13240	0.06%	0.017%
100	12.053	1876	1882	1886	rBV	223912	248310	1.14%	0.323%
101	12.112	1890	1893	1899	rVB8	11991	17328	0.08%	0.023%
102	12.197	1905	1909	1915	rVB8	16996	26093	0.12%	0.034%
103	12.256	1917	1920	1922	rBV4	12953	11836	0.05%	0.015%
104	12.294	1925	1927	1930	rBV4	6737	5868	0.03%	0.008%
105	12.395	1944	1946	1951	rVB6	6098	7658	0.04%	0.010%
106	12.443	1951	1955	1956	rBV4	7990	9738	0.04%	0.013%
107	12.625	1987	1989	1993	rVB5	10374	11675	0.05%	0.015%
108	12.823	2024	2026	2027	rBV2	6258	5378	0.02%	0.007%
109	12.845	2027	2030	2033	rVB5	14996	20249	0.09%	0.026%
110	12.941	2046	2048	2051	rBV4	6412	6641	0.03%	0.009%
111	13.166	2086	2090	2094	rVB7	10407	11359	0.05%	0.015%
112	13.219	2097	2100	2103	rVB5	9976	12591	0.06%	0.016%
113	13.251	2103	2106	2109	rBV5	12497	16996	0.08%	0.022%
114	13.331	2119	2121	2123	rBV3	6643	7084	0.03%	0.009%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	13.353	2123	2125	2129	rVB4	19863	15402	0.07%	0.020%
116	13.406	2132	2135	2138	rBV5	12021	13040	0.06%	0.017%
117	13.433	2138	2140	2142	rVV3	7687	6485	0.03%	0.008%
118	13.551	2158	2162	2163	rBV4	12559	16718	0.08%	0.022%
119	13.567	2163	2165	2169	rVB5	19380	22038	0.10%	0.029%
120	13.647	2175	2180	2187	rBV	274587	315739	1.45%	0.411%
121	13.765	2200	2202	2204	rBV3	8584	7514	0.03%	0.010%
122	13.936	2228	2234	2238	rBV8	21918	35699	0.16%	0.046%
123	14.016	2245	2249	2252	rBV6	23747	29833	0.14%	0.039%
124	14.075	2256	2260	2267	rVB7	41792	67304	0.31%	0.088%
125	14.171	2275	2278	2282	rBV6	39316	49507	0.23%	0.064%
126	14.241	2287	2291	2296	rVB8	19039	27898	0.13%	0.036%
127	14.348	2308	2311	2315	rBV4	33699	36373	0.17%	0.047%
128	14.524	2341	2344	2351	rVB6	30456	40444	0.19%	0.053%
129	14.765	2386	2389	2393	rVB6	9364	11263	0.05%	0.015%
130	14.850	2403	2405	2408	rBV4	7614	7057	0.03%	0.009%
131	15.043	2439	2441	2445	rVB5	19071	19792	0.09%	0.026%
132	15.198	2464	2470	2476	rBV5	16271	36129	0.17%	0.047%
133	15.444	2514	2516	2518	rBV3	6148	5604	0.03%	0.007%
134	15.674	2555	2559	2561	rBV5	6120	9082	0.04%	0.012%
135	15.706	2563	2565	2567	rVB3	7438	6022	0.03%	0.008%

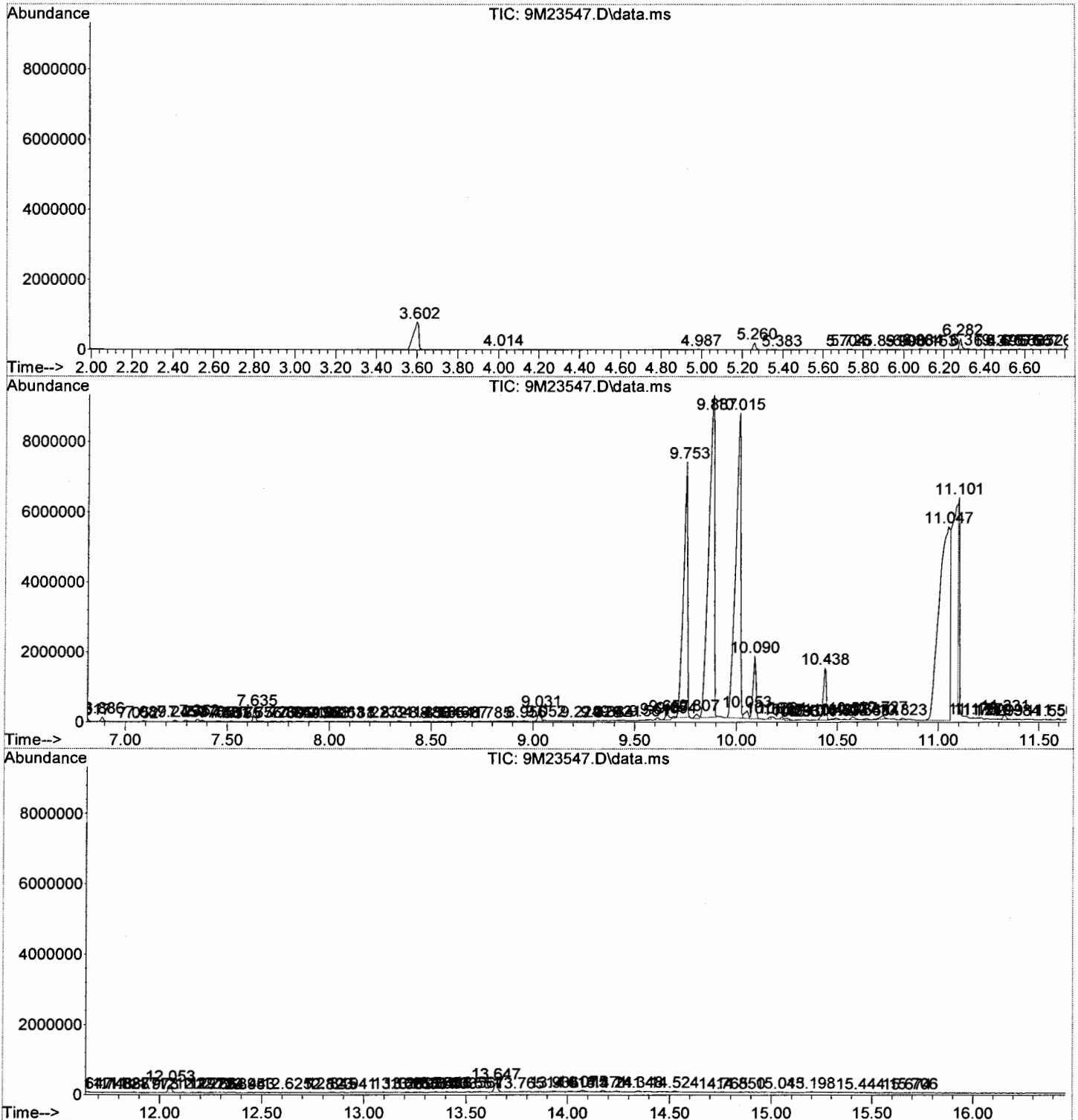
Sum of corrected areas: 76830505

LSC Report - Integrated Chromatogram

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 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\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

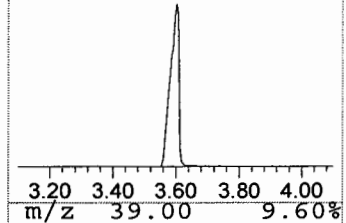
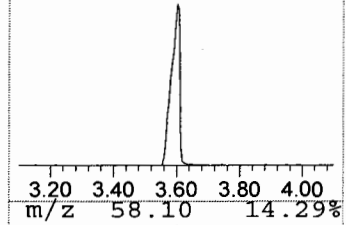
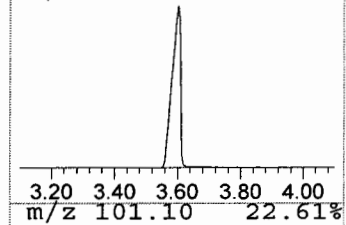
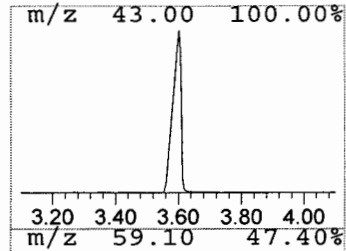
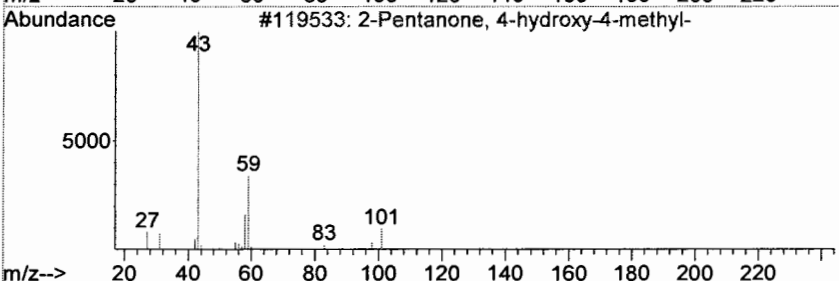
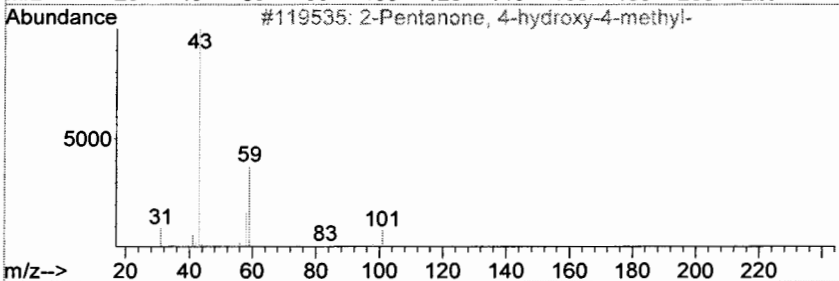
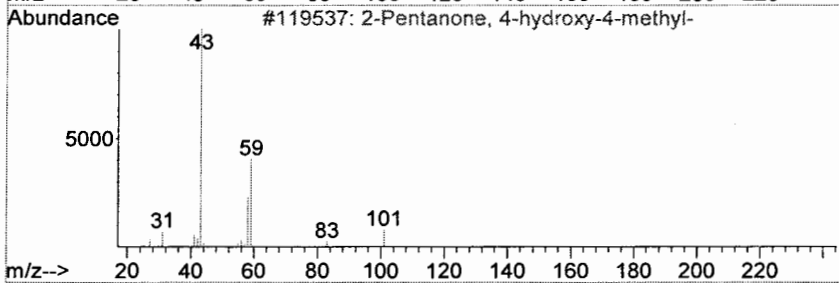
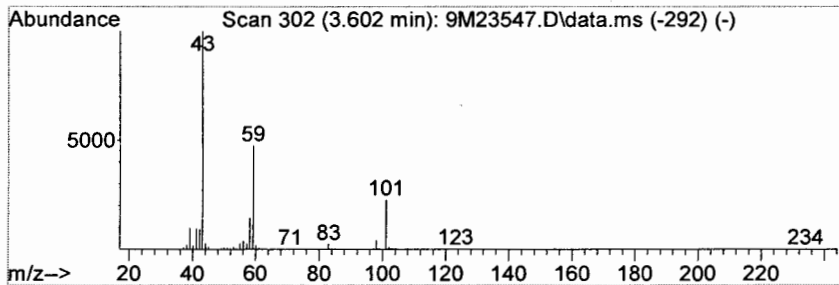
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	342.92 ng	1440975	LibIS-1,4-Dichlorobenzene-d4	5.26

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	38
4		1-Propanamine	59	C3H9N	000107-10-8	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\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

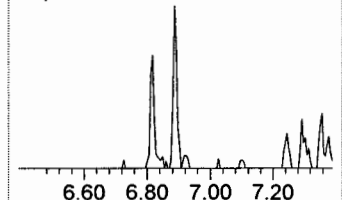
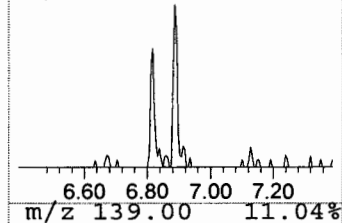
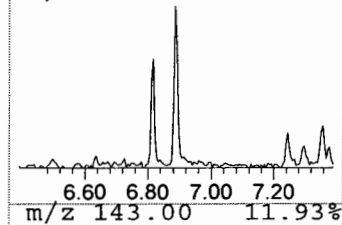
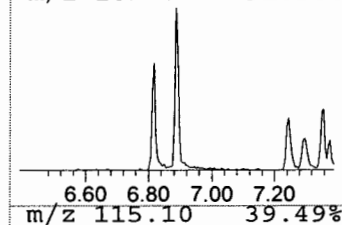
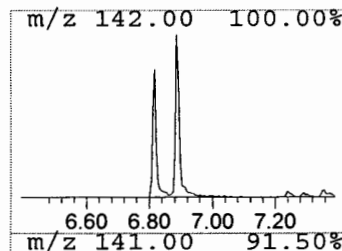
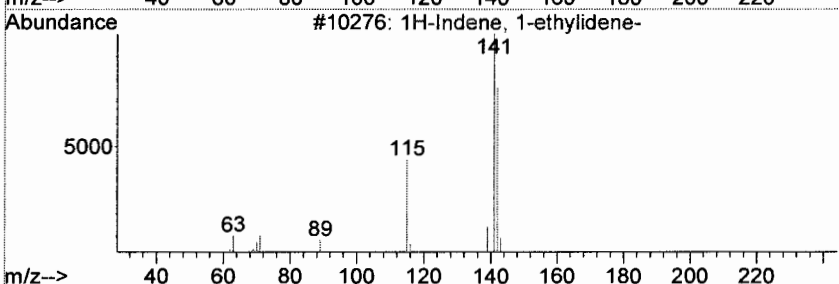
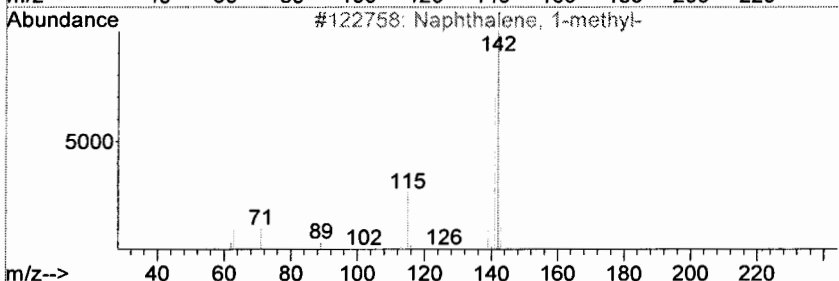
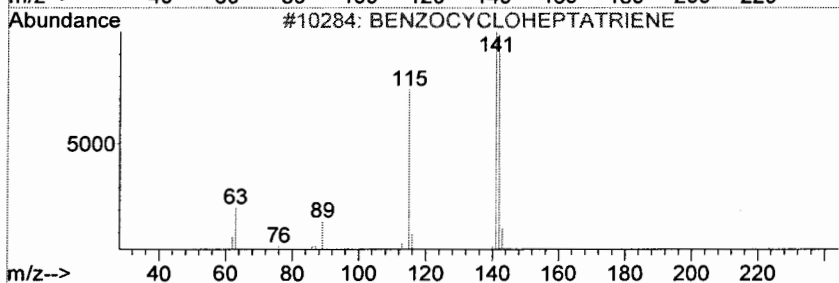
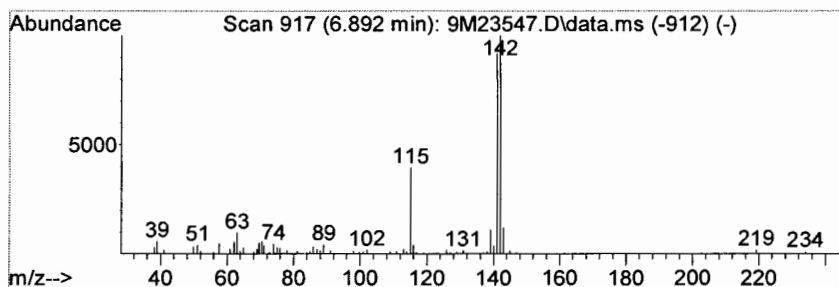
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 2 BENZOCYCLOHEPTATRIENE Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	14.76 ng	101568	LibIS-Naphthalene-d8	6.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		BENZOCYCLOHEPTATRIENE	142	C11H10	000264-09-5	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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 ALS Vial : 15 Sample Multiplier: 1

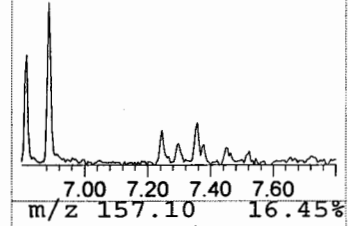
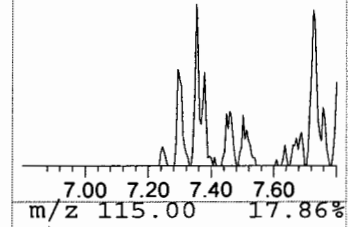
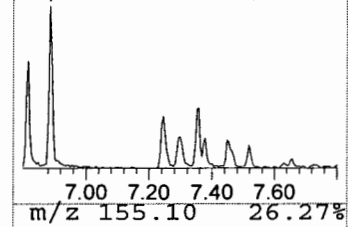
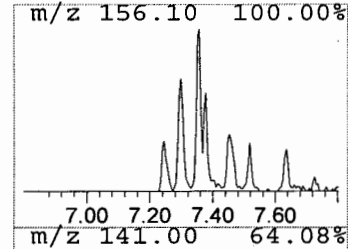
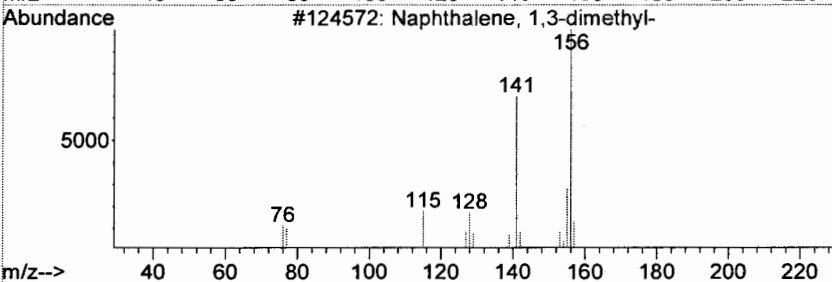
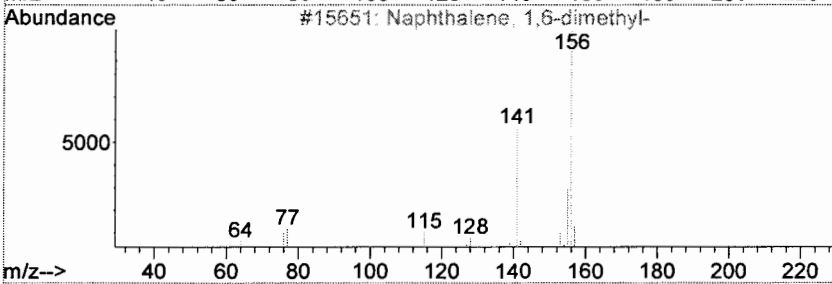
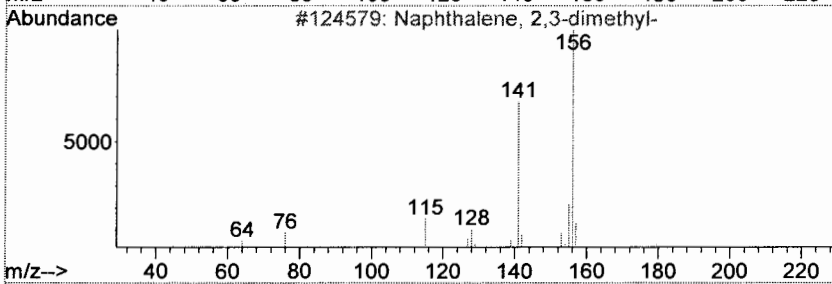
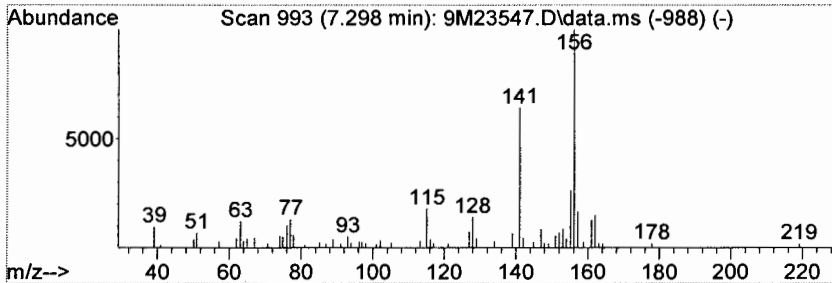
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	5.65 ng	45940	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

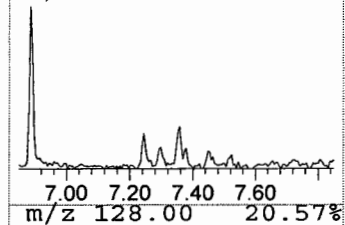
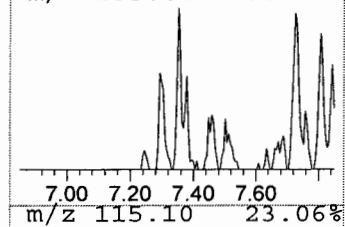
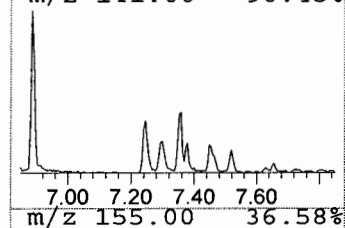
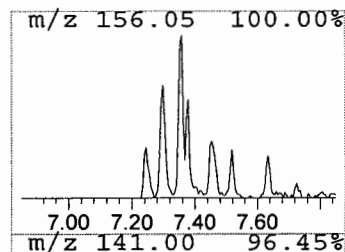
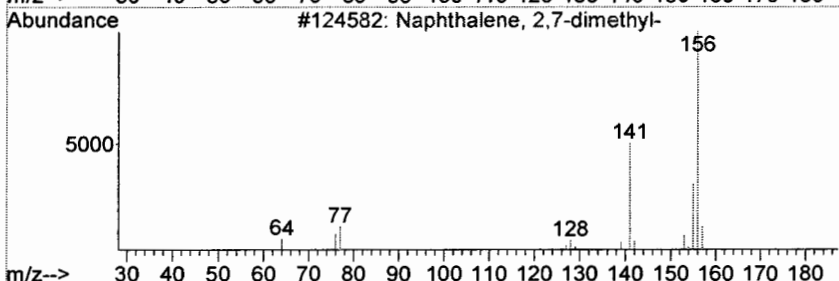
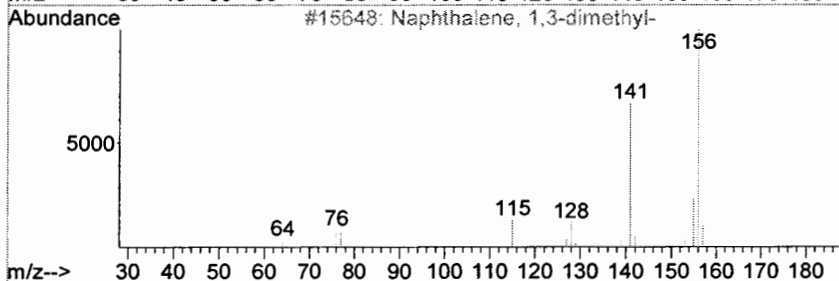
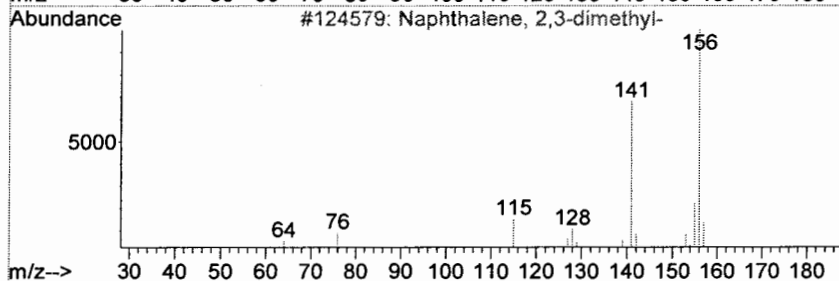
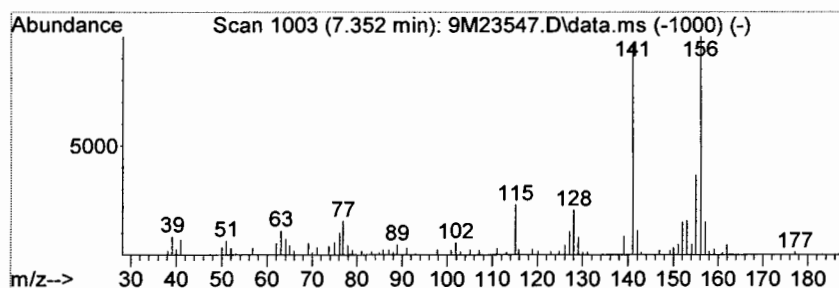
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	7.51 ng	61092	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

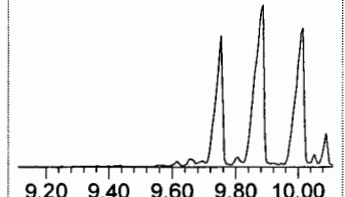
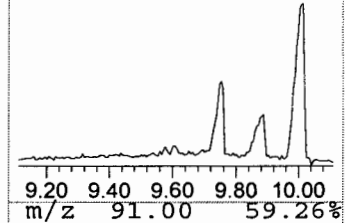
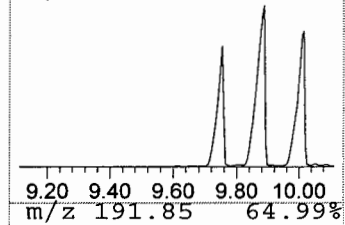
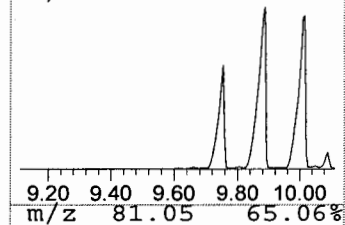
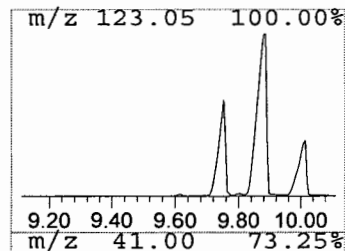
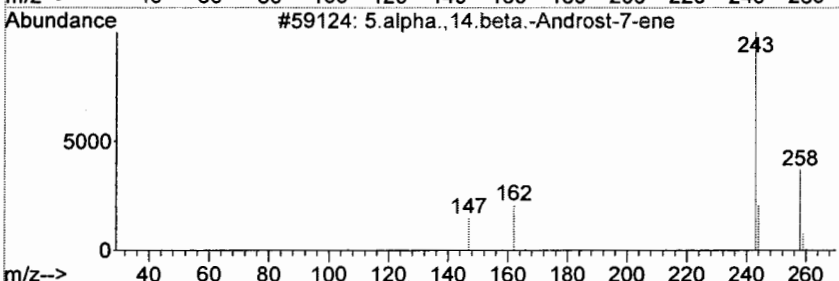
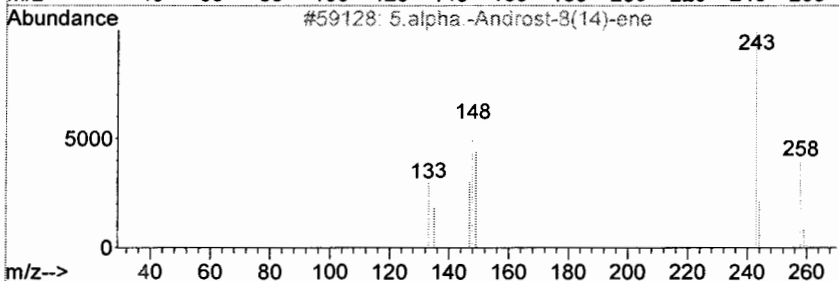
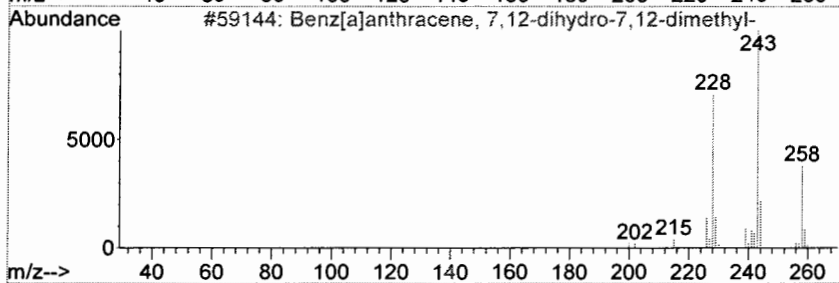
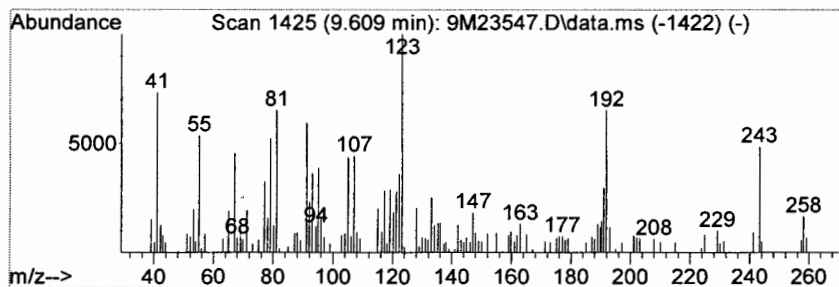
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 5 Benz[a]anthracene, 7,12-dih... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	8.64 ng	75241	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7,12-dihydro-...	258	C20H18	035281-31-3	90
2			5.alpha.-Androst-8(14)-ene	258	C19H30	038863-34-2	64
3			5.alpha.,14.beta.-Androst-7-ene	258	C19H30	063568-61-6	59
4			1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,...	258	C18H26O	000000-00-0	59
5			Benzenemethanol, 3-amino-	123	C7H9NO	001877-77-6	25



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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 ALS Vial : 15 Sample Multiplier: 1

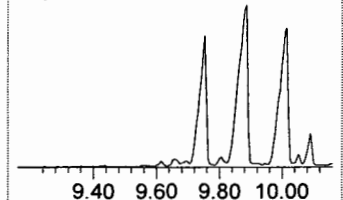
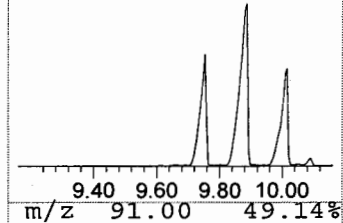
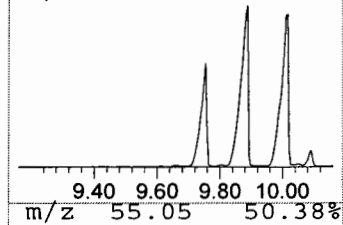
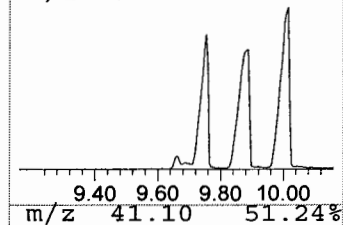
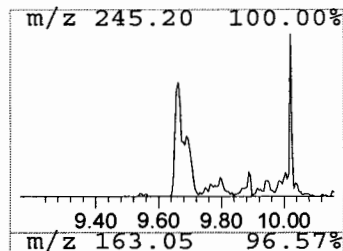
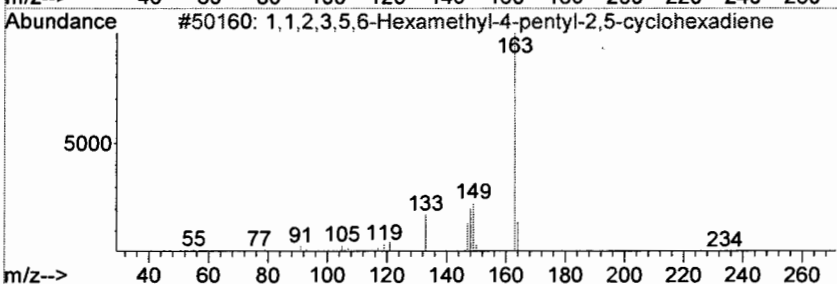
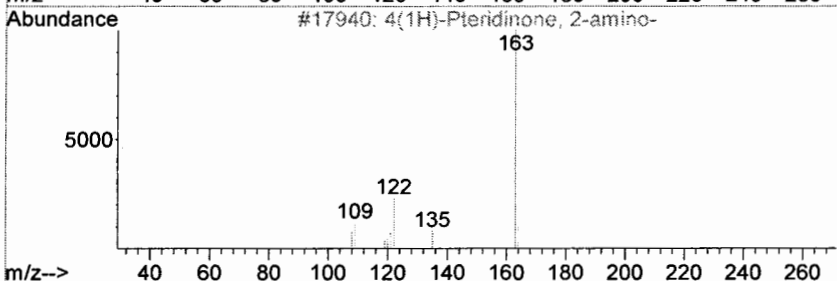
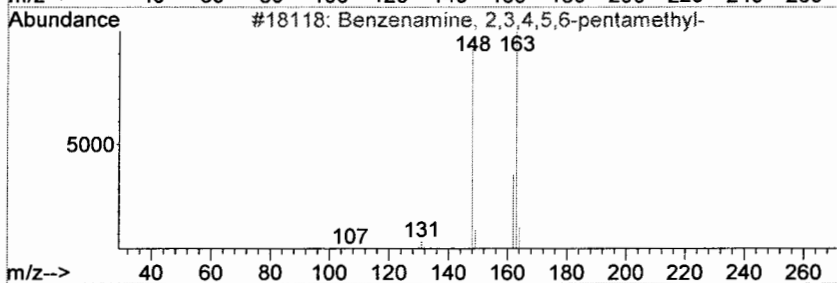
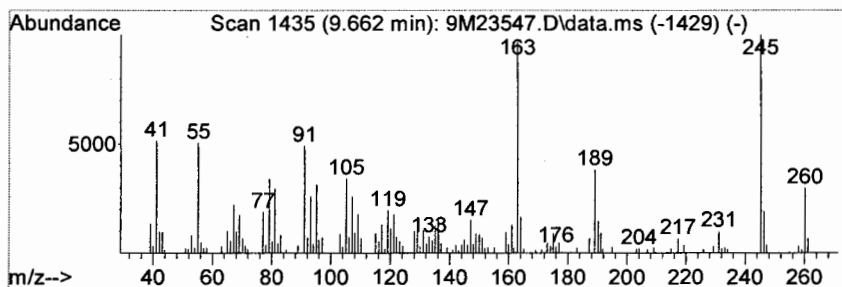
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 6 unknown Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	25.03 ng	217983	LibIS-Phenanthrene-d10	9.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	22
2		4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	22
3		1,1,2,3,5,6-Hexamethyl-4-pentyl-...	234	C17H30	075948-83-3	14
4		N-METHYL-2-DITHIENYL-PYRROLE	245	C13H11NS2	000000-00-0	14
5		TERT-BUTYLKETENE BIS(TRIMETHYLSI...	260	C12H28O2Si2	031469-23-5	14



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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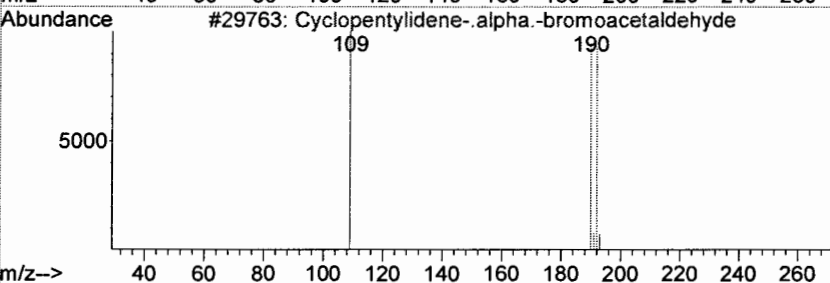
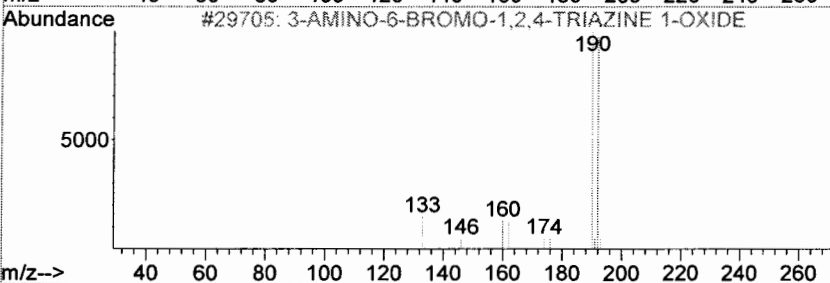
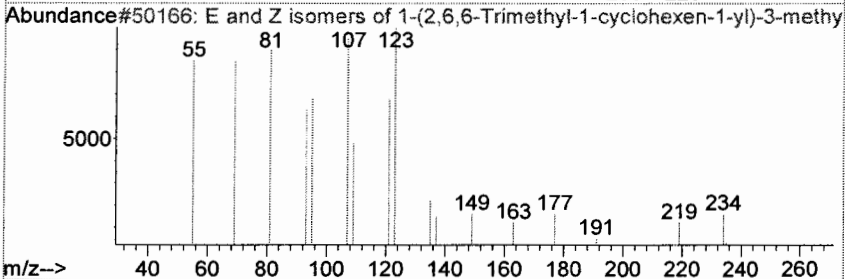
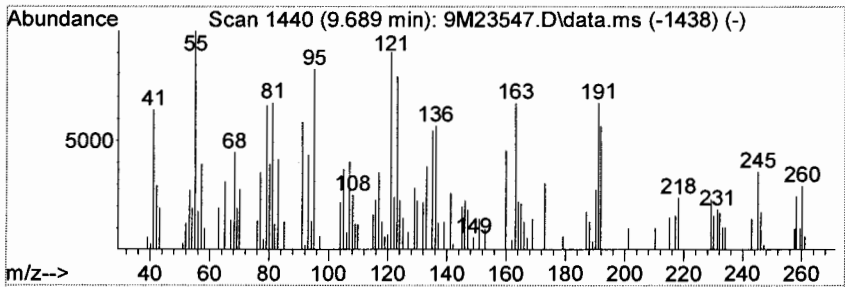
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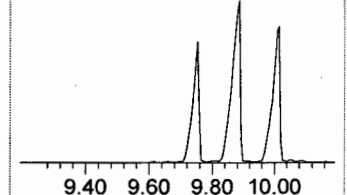
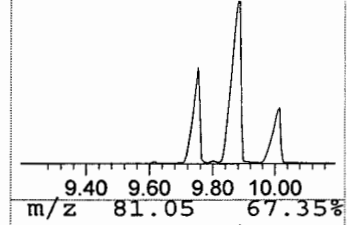
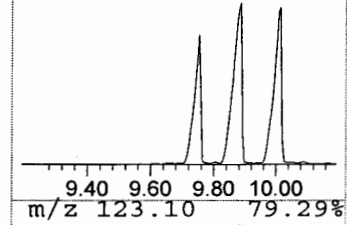
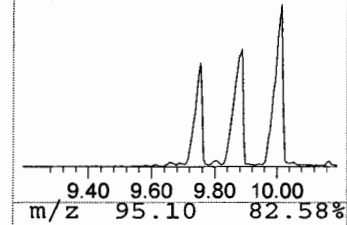
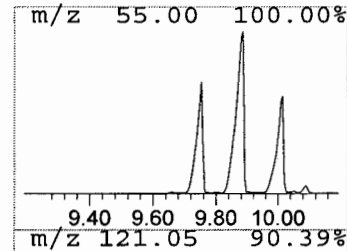
 Peak Number 7 unknown Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	6.24 ng	54338	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E and Z isomers of 1-(2,6,6-Trim...	234	C17H30	068965-69-5	46		
2	3-AMINO-6-BROMO-1,2,4-TRIAZINE 1...	190	C3H3BrN4O	063197-11-5	38		
3	Cyclopentylidene-.alpha.-bromoac...	190	C7H11BrO	000000-00-0	35		
4	BICYCLO[3.3.0]OCTAN-3-ONE, 8-IODO-	250	C8H11IO	000000-00-0	27		
5	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	27		



9M_0301.M Thu Mar 04 18:47:34 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-03-10\
Data File : 9M23547.D
Acq On : 3 Mar 2010 18:11
Operator : AHD
Sample : AC50034-007(10X)
Misc : S,BNA:10
ALS Vial : 15 Sample Multiplier: 1

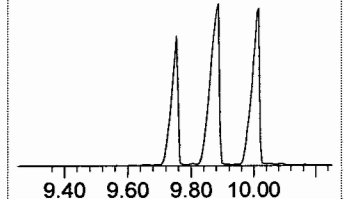
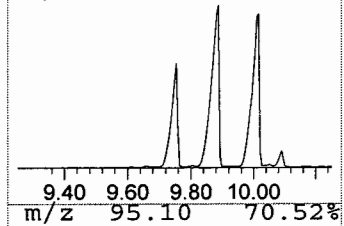
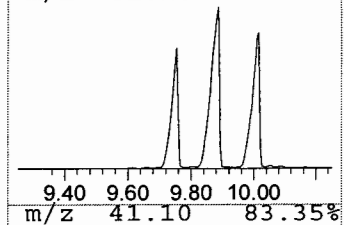
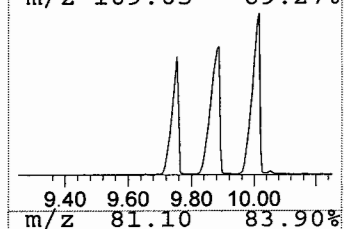
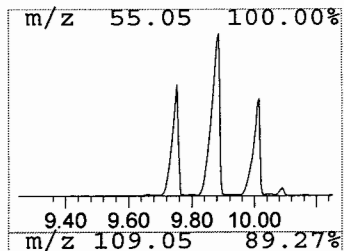
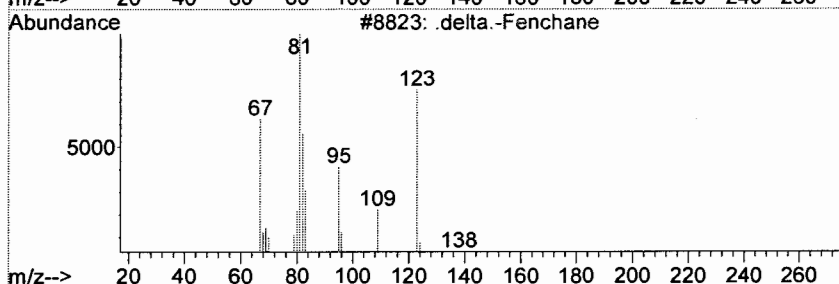
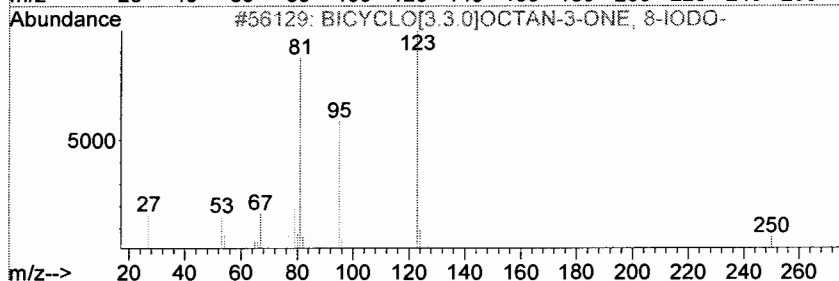
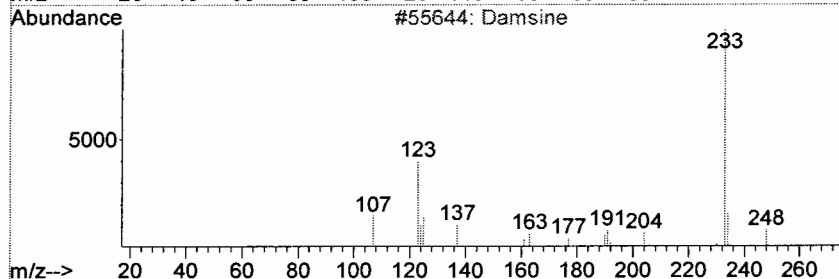
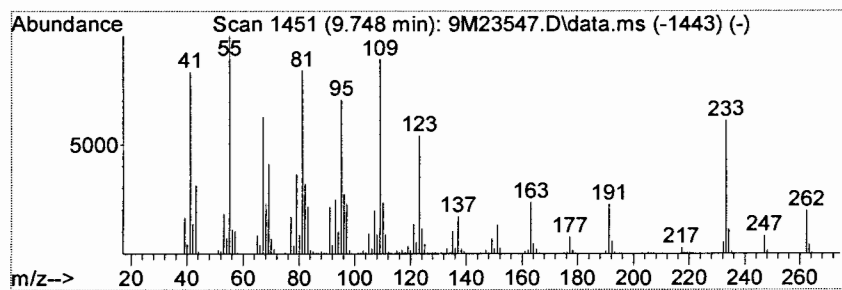
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 8 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	1174.38 ng	10226389	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Damsine	248	C15H20O3	001216-42-8	38
2			BICYCLO[3.3.0]OCTAN-3-ONE, 8-iodo-	250	C8H11IO	000000-00-0	35
3			.delta.-Fenchane	138	C10H18	006248-88-0	27
4			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	25
5			p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	22



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

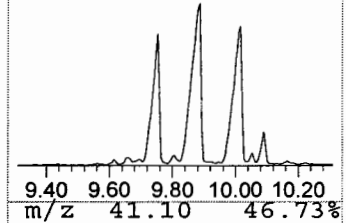
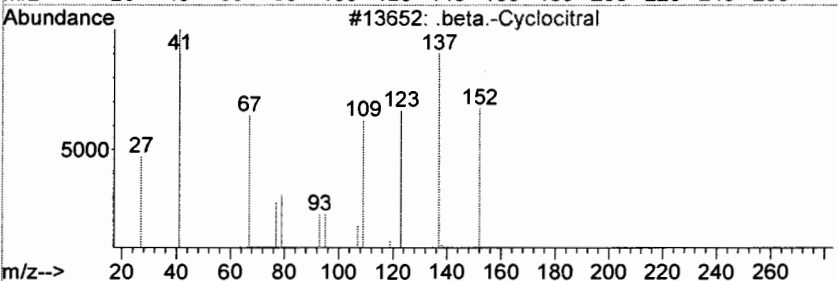
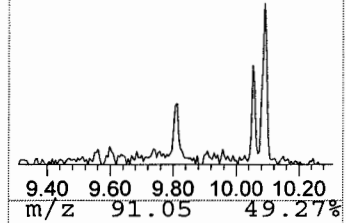
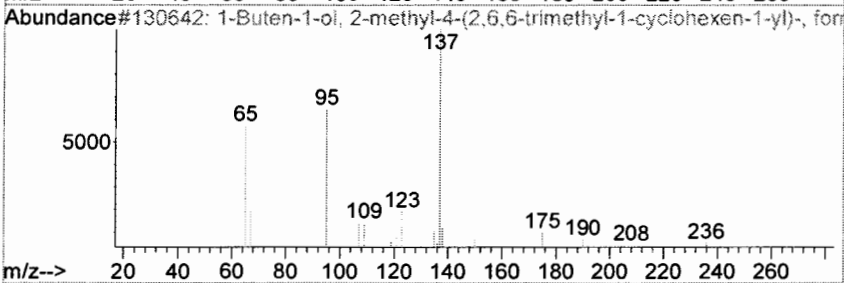
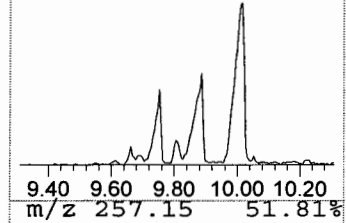
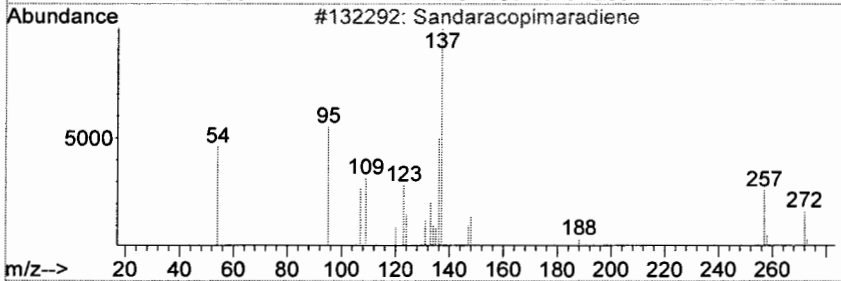
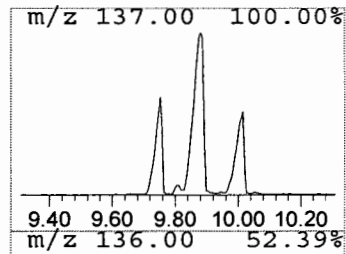
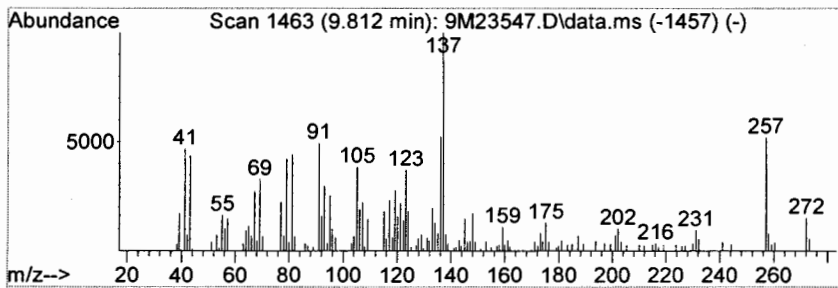
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 9 Sandaracopimaradiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	17.79 ng	154895	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sandaracopimaradiene	272	C20H32	001686-56-2	93
2			1-Buten-1-ol, 2-methyl-4-(2,6,6-...	236	C15H24O2	021730-91-6	27
3			.beta.-Cyclocitral	152	C10H16O	000432-25-7	25
4			cis-anti-cis-Tricyclo[7.3.0.0(2,...	178	C12H18O	073306-76-0	22
5			Phenol, 4-amino-2,5-dimethyl-	137	C8H11NO	003096-71-7	22



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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Sample : AC50034-007(10X)
Misc : S,BNA:10
ALS Vial : 15 Sample Multiplier: 1

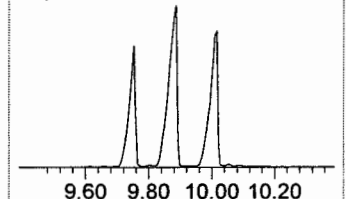
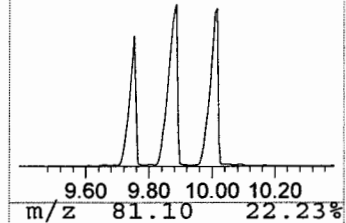
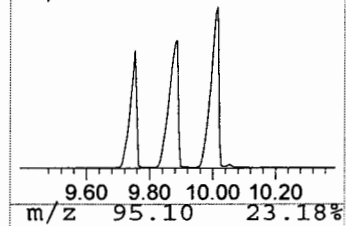
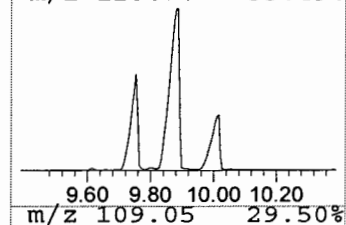
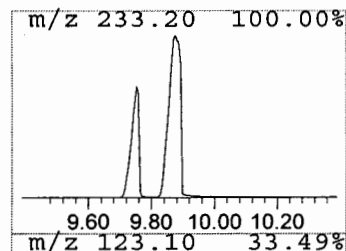
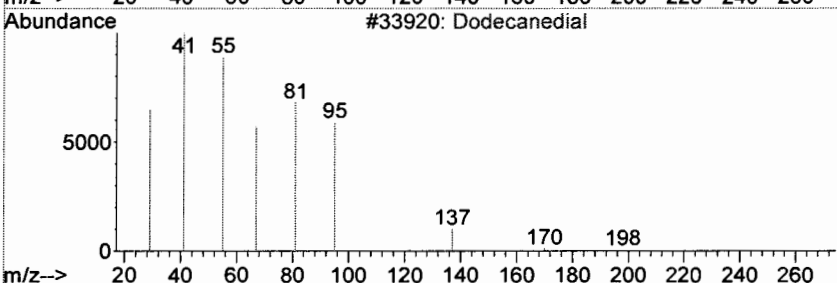
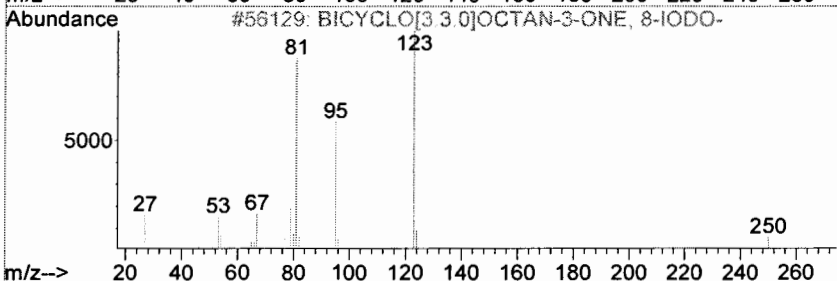
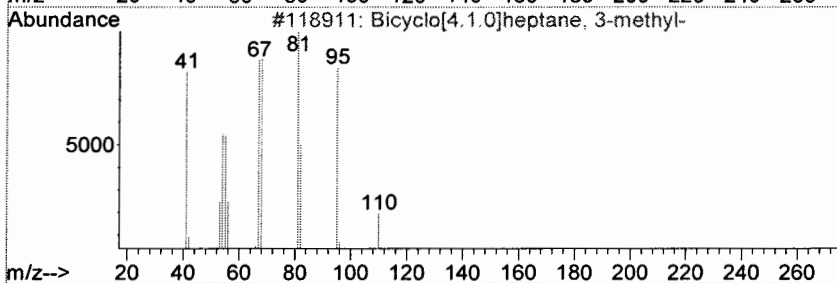
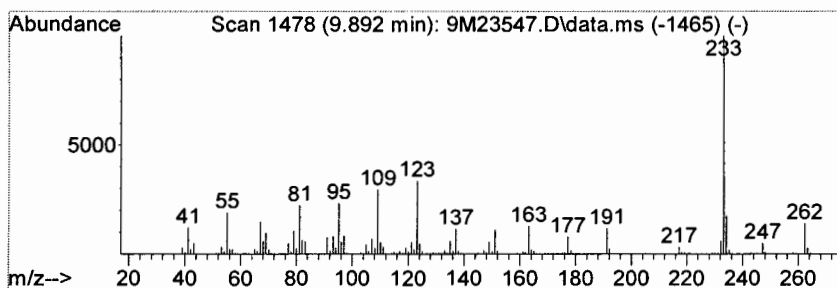
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 10 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	2064.15 ng	17974394	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	38
2			BICYCLO[3.3.0]OCTAN-3-ONE, 8-iodo-	250	C8H11IO	000000-00-0	38
3			Dodecanedial	198	C12H22O2	000000-00-0	38
4			Zinc, bis[2,2-dimethyl-3-(2-meth...	310	C18H30Zn	074842-24-3	35
5			2,2-Dimethyl-1-isopropenyl-cyclo...	138	C10H18	072535-87-6	35



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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 ALS Vial : 15 Sample Multiplier: 1

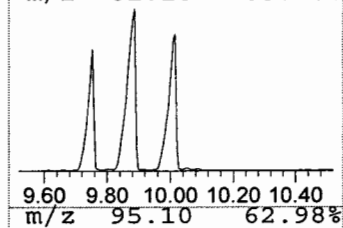
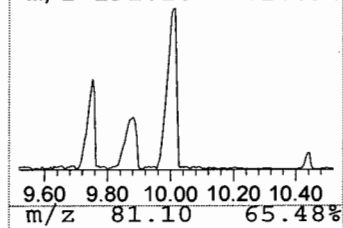
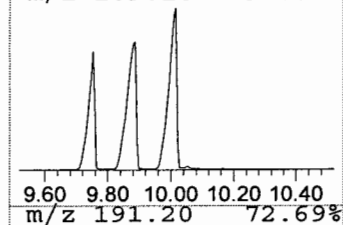
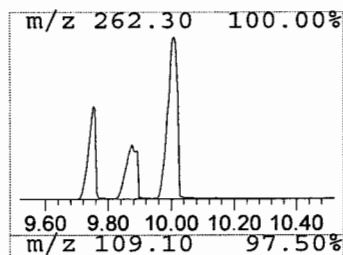
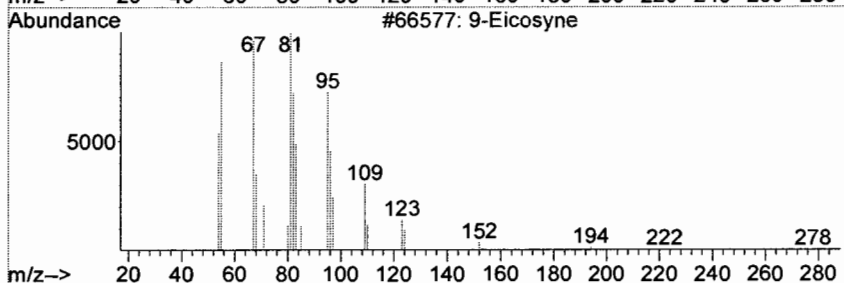
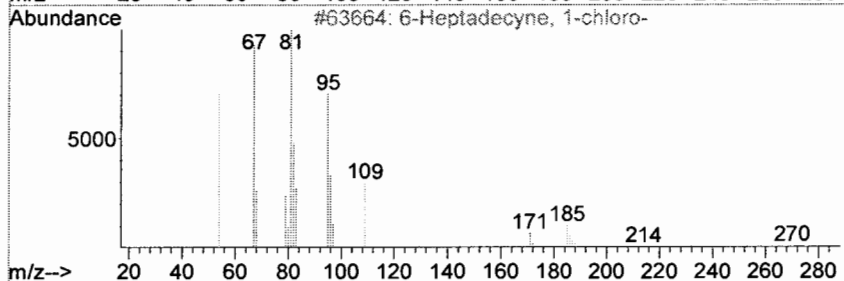
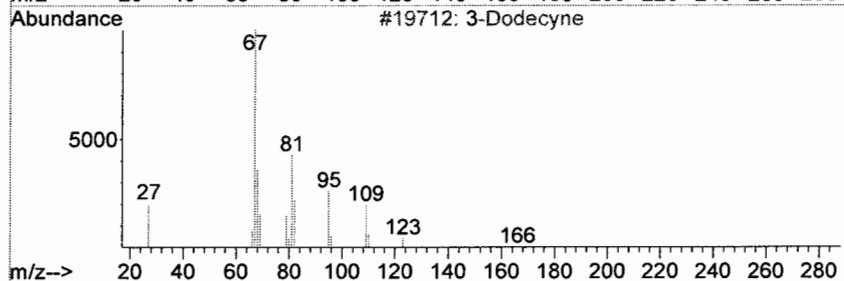
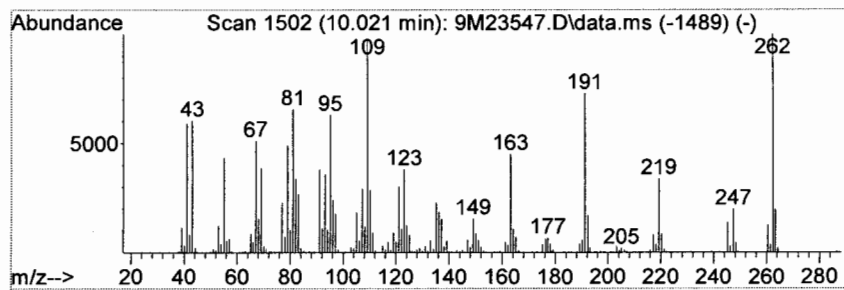
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 11 3-Dodecyne Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	1711.44 ng	14903035	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Dodecyne	166	C12H22	006790-27-8	59
2			6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	43
3			9-Eicosyne	278	C20H38	071899-38-2	43
4			7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	43
5			Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

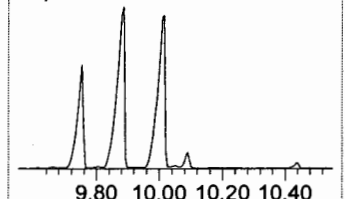
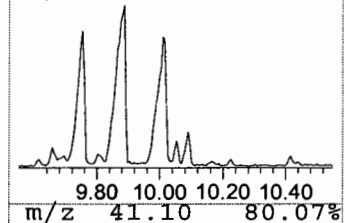
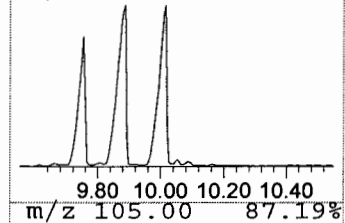
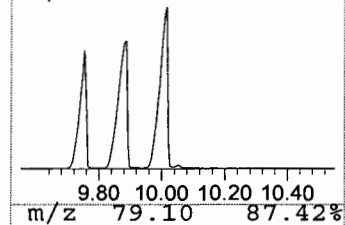
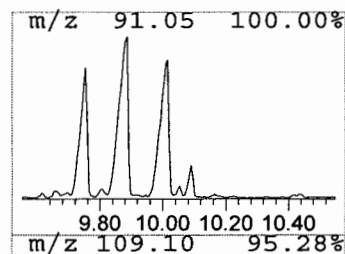
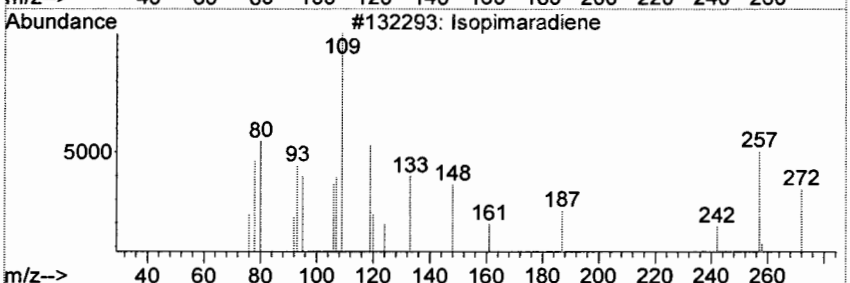
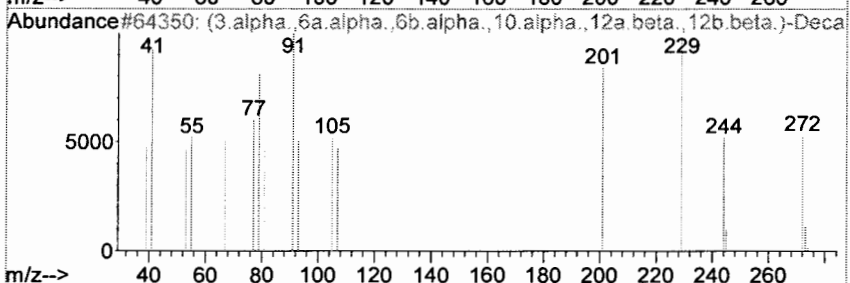
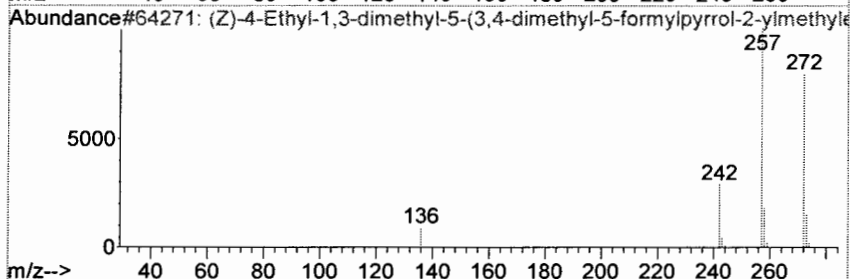
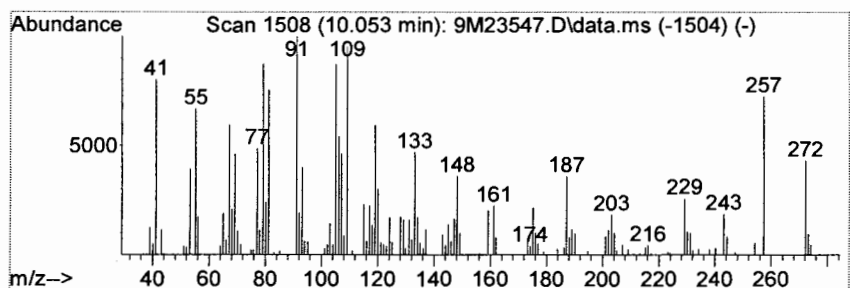
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 12 (Z)-4-Ethyl-1,3-dimethyl-5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	31.61 ng	275288	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(Z)-4-Ethyl-1,3-dimethyl-5-(3,4-...	272	C16H20N2O2	087233-16-7	90
2			(3.alpha.,6a.alpha.,6b.alpha.,10...	272	C18H24O2	071423-37-5	64
3			Isopimaradiene	272	C20H32	001686-66-4	41
4			(3.alpha.,6a.alpha.,6b.beta.,10...	272	C18H24O2	071370-29-1	32
5			1,2-Dipropylcyclopropene	124	C9H16	010306-92-0	27



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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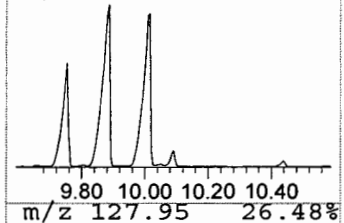
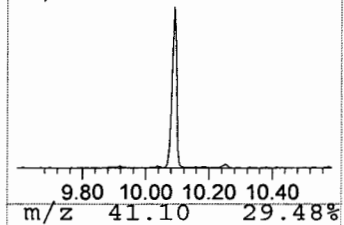
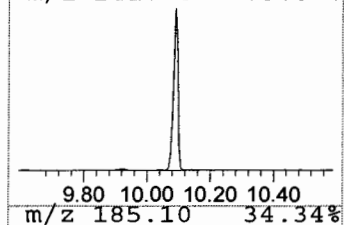
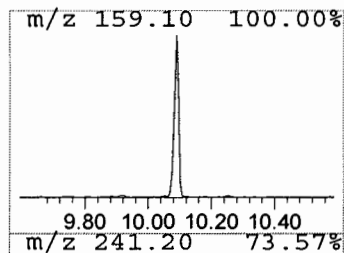
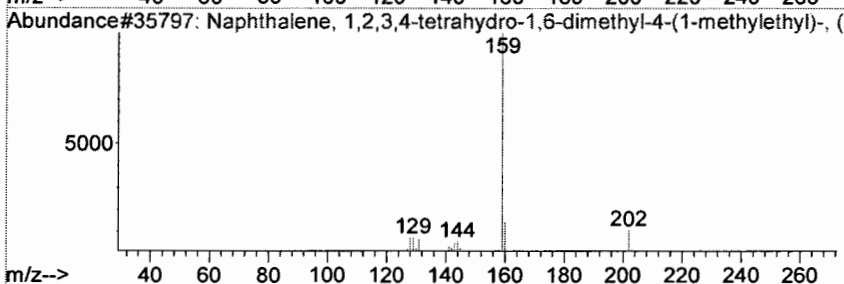
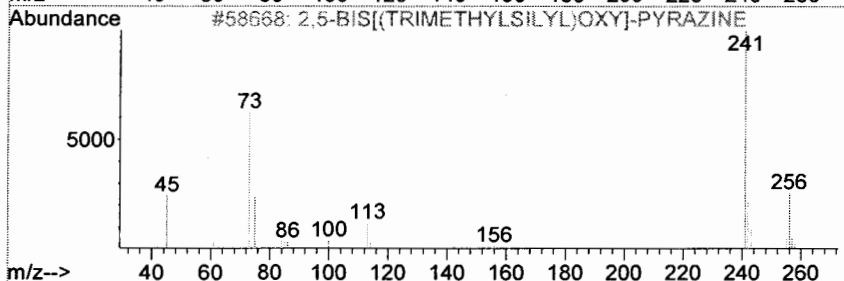
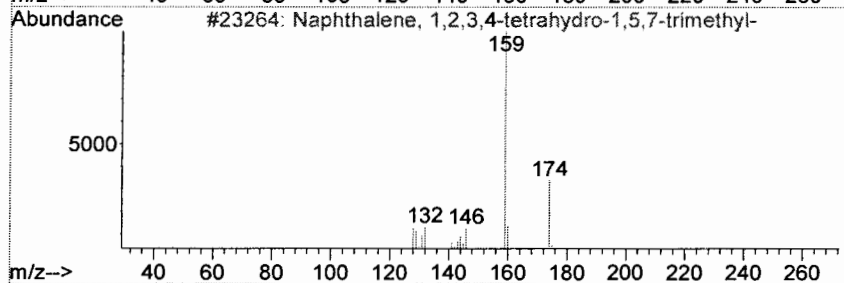
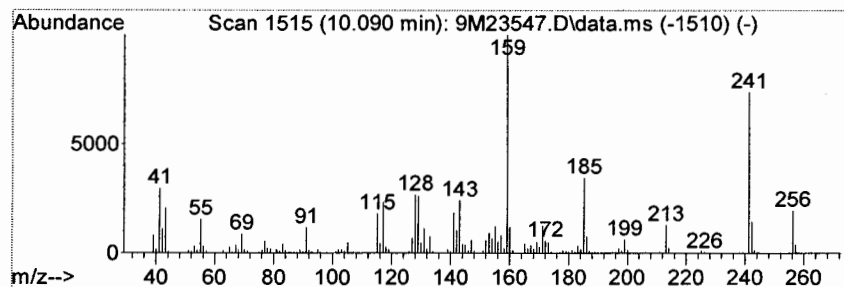
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 13 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	202.75 ng	1765552	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	22
2			2,5-BIS[(TRIMETHYLSILYL)OXY]-PYR...	256	C10H20N2O2Si2	000000-00-0	22
3			Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	16
4			1H-Indene, 2,3-dihydro-1,5,6-t...	174	C13H18	000942-43-8	16
5			1,3-DIMETHYL-5-DEAZA-ALLOXAZINE	241	C13H11N3O2	000000-00-0	16



Library Search Compound Report

Data Path : G:\GcMSData\2010\GCMS_9\Data\03-03-10\
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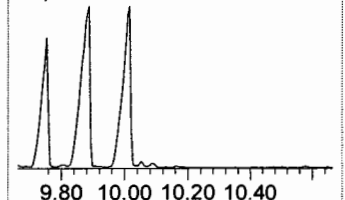
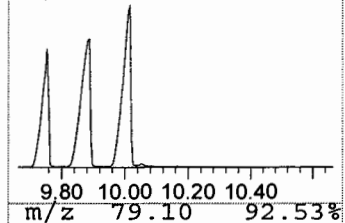
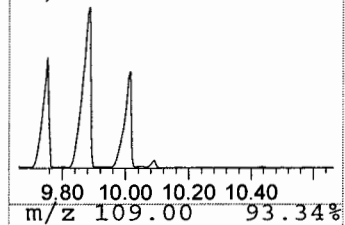
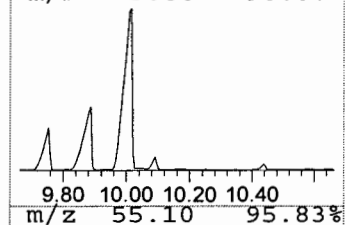
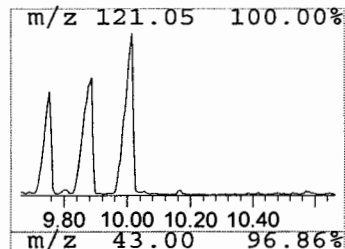
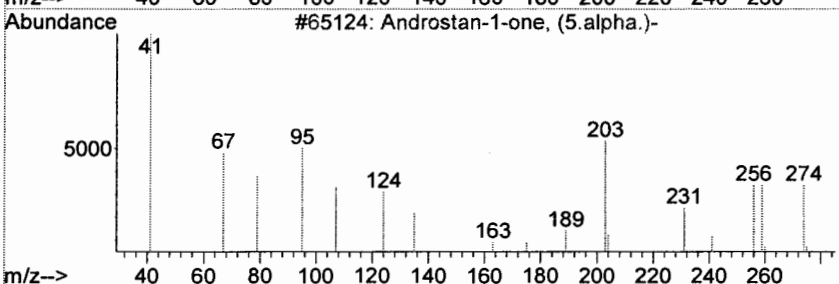
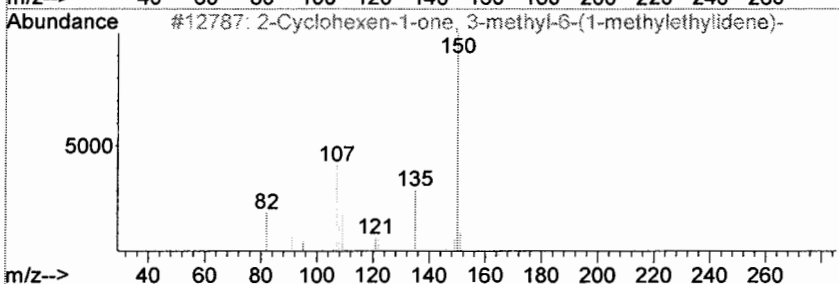
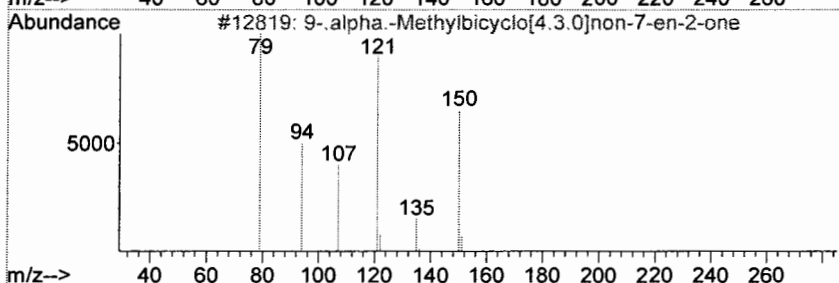
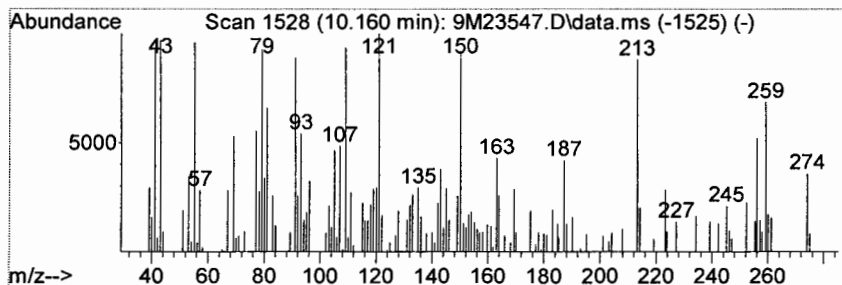
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 14 unknown Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	7.18 ng	62516	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-.alpha.-Methylbicyclo[4.3.0]no...	150	C10H14O	077494-82-7	38
2			2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	000491-09-8	35
3			Androstan-1-one, (5.alpha.)-	274	C19H30O	001755-29-9	25
4			2H-1,4-Benzothiazin-3(4H)-one, 4...	195	C9H9NO2S	004892-06-2	25
5			1,2-exo-Tetramethylenenorbornane	150	C11H18	036150-95-5	25



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
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 ALS Vial : 15 Sample Multiplier: 1

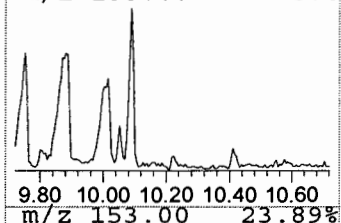
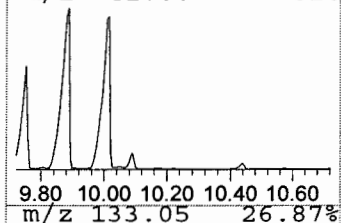
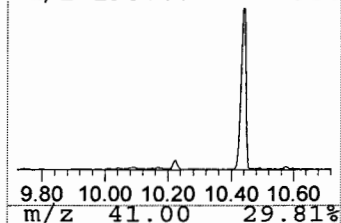
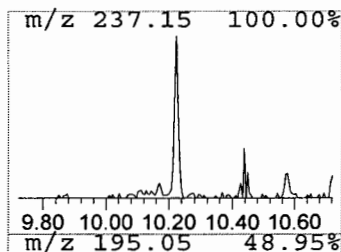
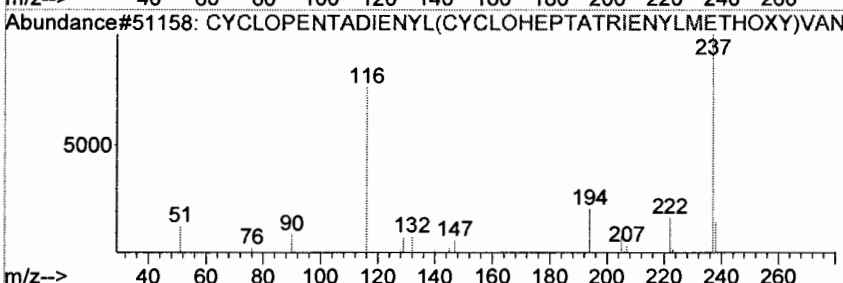
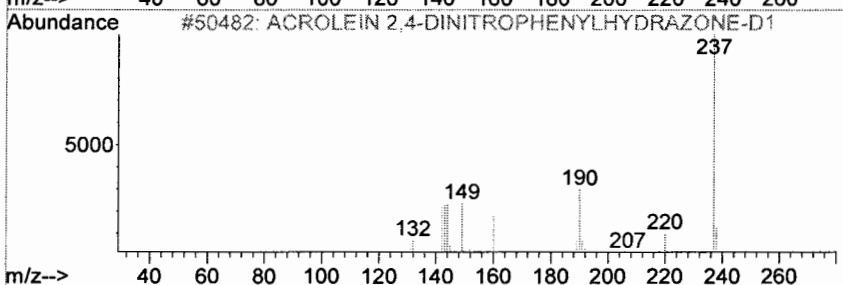
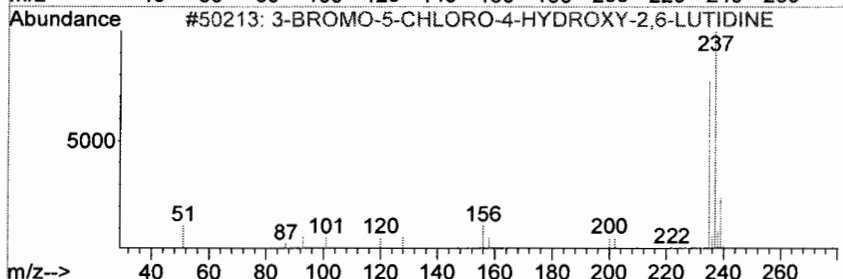
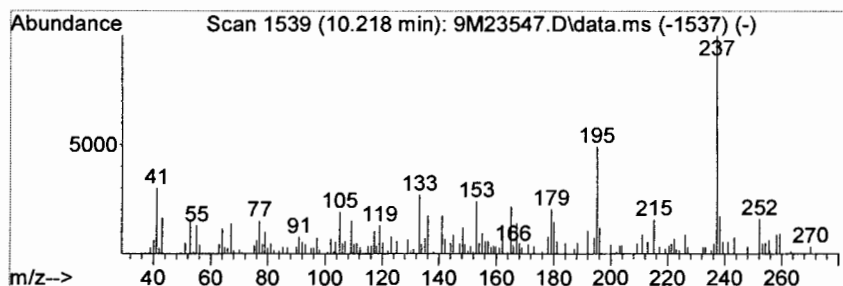
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 15 unknown Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.59 ng	57387	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-BROMO-5-CHLORO-4-HYDROXY-2,6-L...	235	C7H7BrClNO	000000-00-0	38
2			ACROLEIN 2,4-DINITROPHENYLHYDRAZ...	236	C9H7DN4O4	055836-72-1	32
3			CYCLOPENTADIENYL(CYCLOHEPTATRIEN...	237	C13H14OV	036644-26-5	32
4			Isophthalic acid, 2,4-dimethoxy-...	446	C23H26O9	019314-77-3	32
5			DI(PARACHLORO)PHENYLAMINE	237	C12H9Cl2N	000000-00-0	32



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

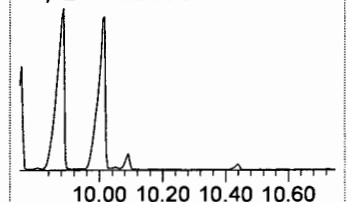
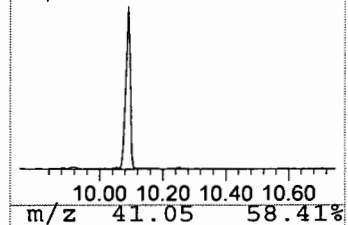
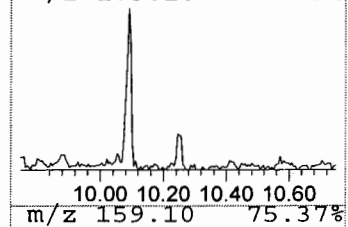
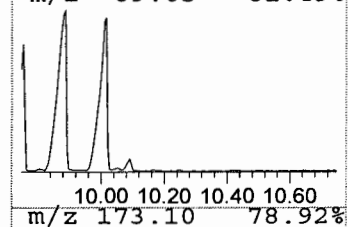
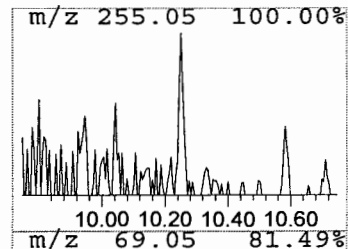
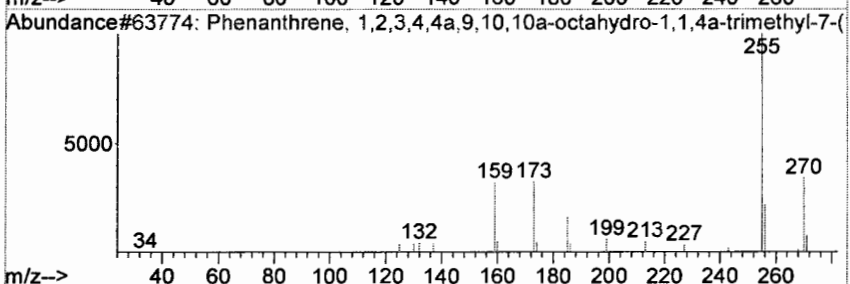
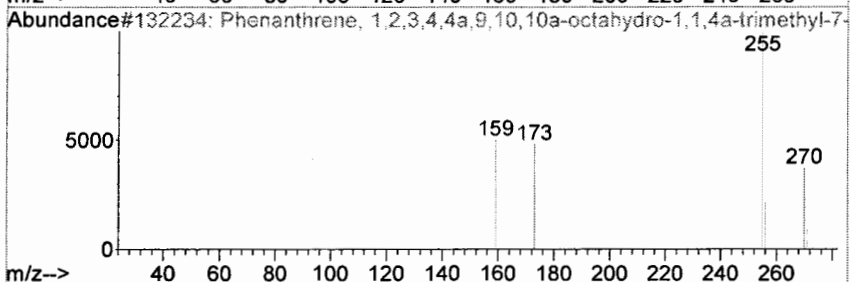
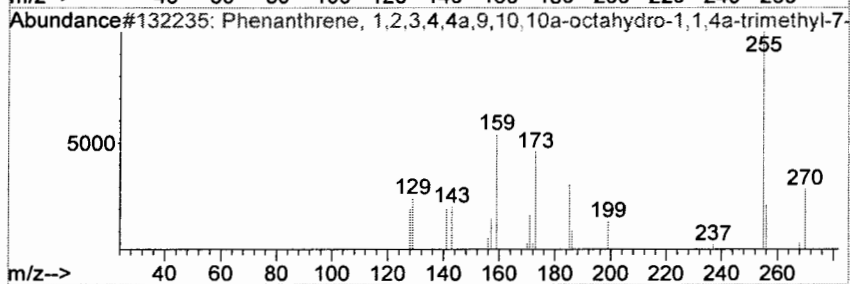
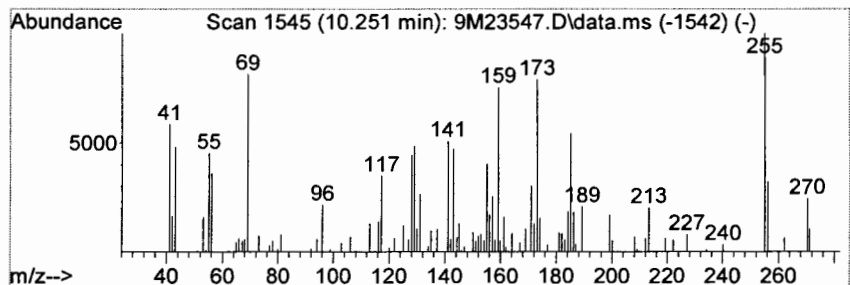
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 16 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	8.32 ng	72418	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	97
2			Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	72
3			Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	32
4			Cleistantha-8,11,13-triene	270	C20H30	088399-25-1	22
5			1-Fluoromethyl-4-methylnaphthalene	174	C12H11F	079797-78-7	22



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

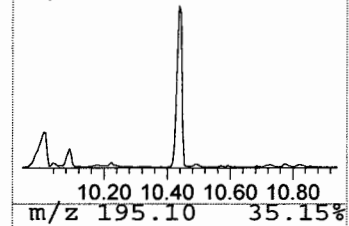
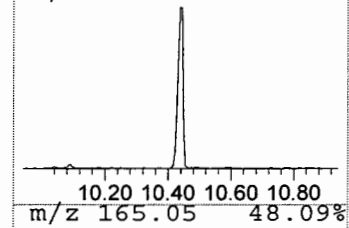
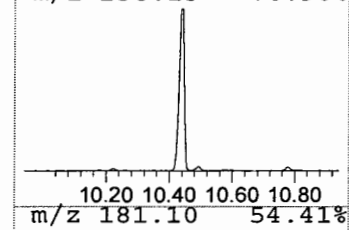
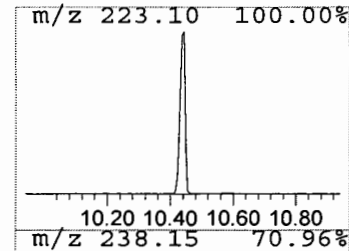
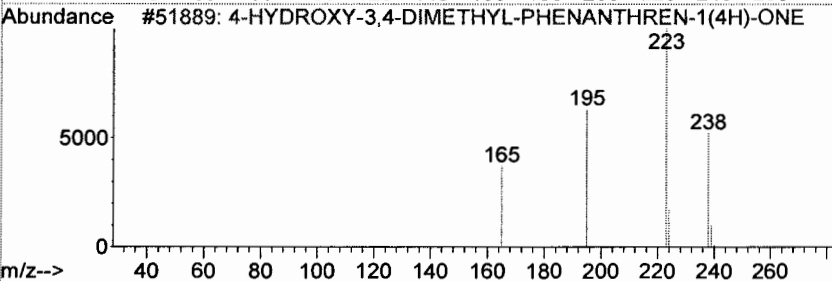
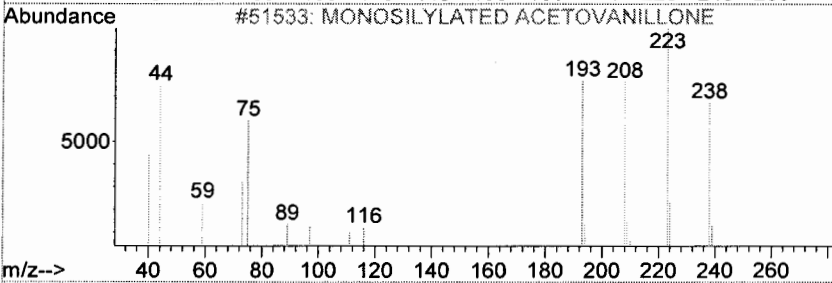
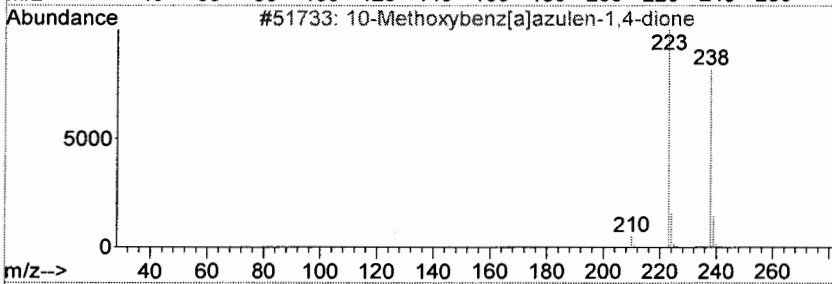
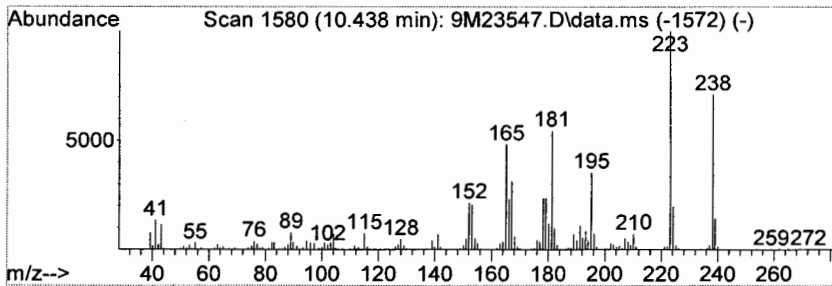
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 17 10-Methoxybenz[a]azulen-1,4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	194.26 ng	1691602	LibIS-Phenanthrene-d10	9.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methoxybenz[a]azulen-1,4-dione	238	C15H10O3	076319-77-2	86
2			MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	83
3			4-HYDROXY-3,4-DIMETHYL-PHENANTHR...	238	C16H14O2	060505-33-1	49
4			5-METHYLDIBENZ(6,F)AZAPINE-10-ONE	223	C15H13NO	000000-00-0	47
5			3,4-DIMETHYL-NAPHTH(2.1-B)OXEPIN...	238	C16H14O2	060505-22-8	38



Library Search Compound Report

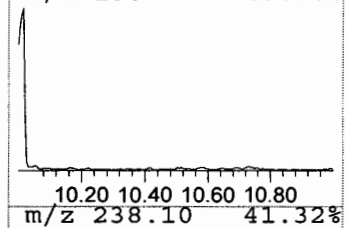
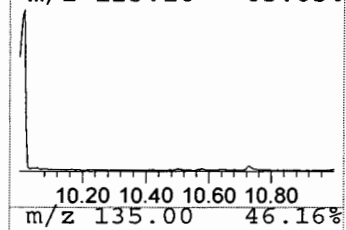
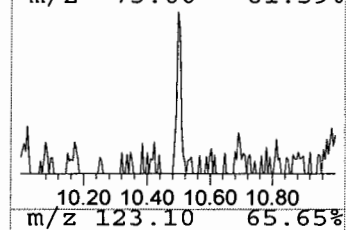
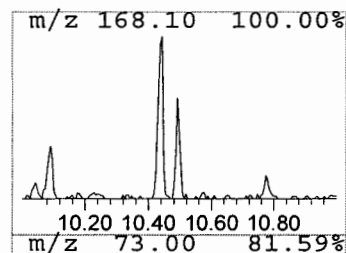
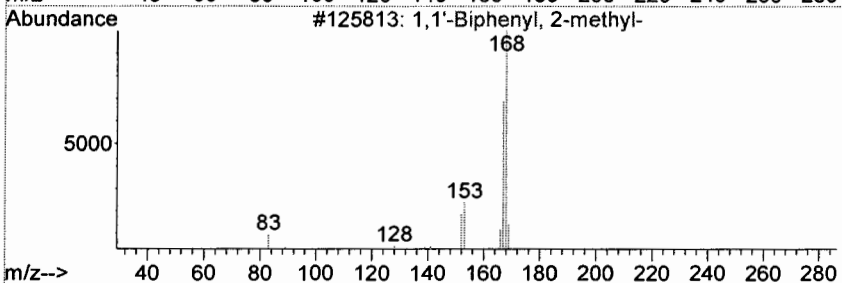
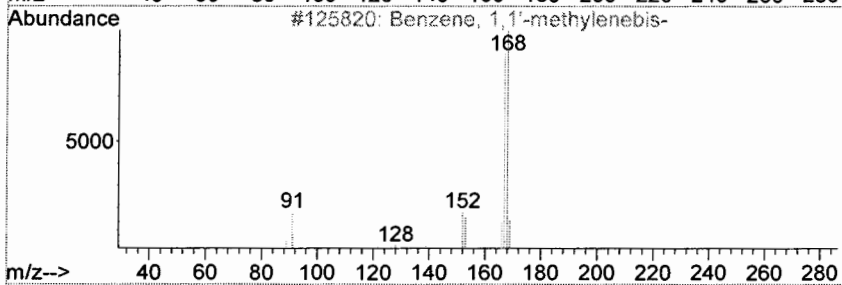
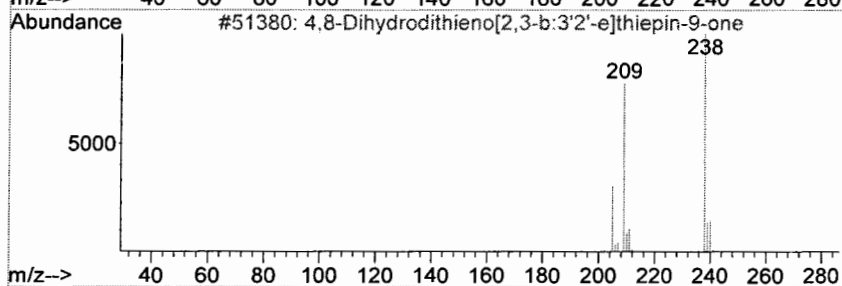
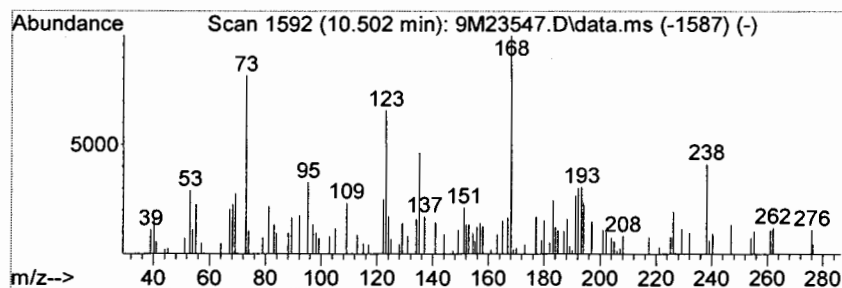
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 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

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 18 4,8-Dihydrodithieno[2,3-b:3'2'-e... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.50	8.34 ng	72587	LibIS-Phenanthrene-d10	9.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8-Dihydrodithieno[2,3-b:3'2'-e...	238	C10H6OS3	088048-73-1	78
2	Benzene, 1,1'-methylenebis-	168	C13H12	000101-81-5	38
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
4	METHYL O-N-TRIDEUTERIOMETHYLAMIN...	165	C9H8D3NO2	042067-38-9	38
5	Benzene, 1,1'-methylenebis-	168	C13H12	000101-81-5	35



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

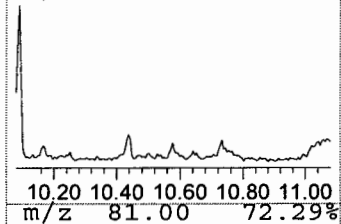
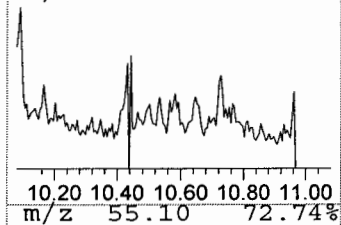
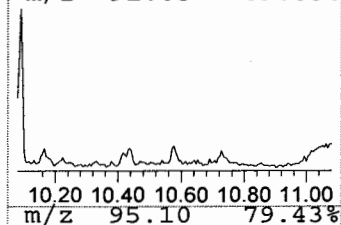
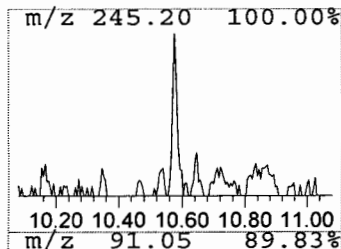
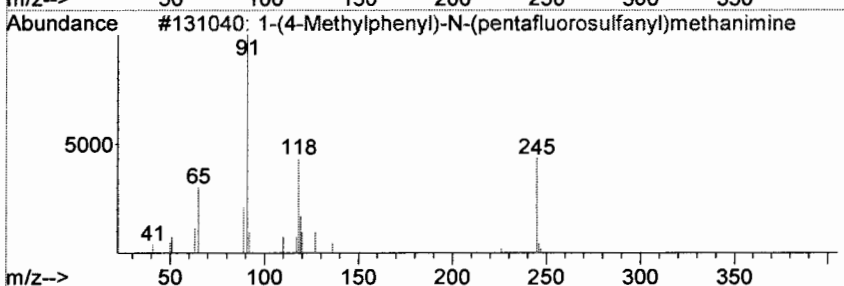
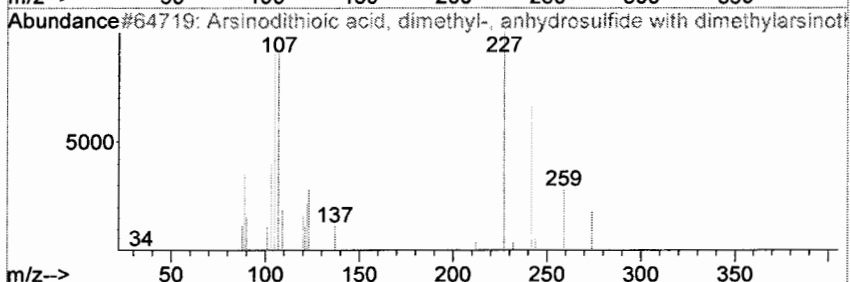
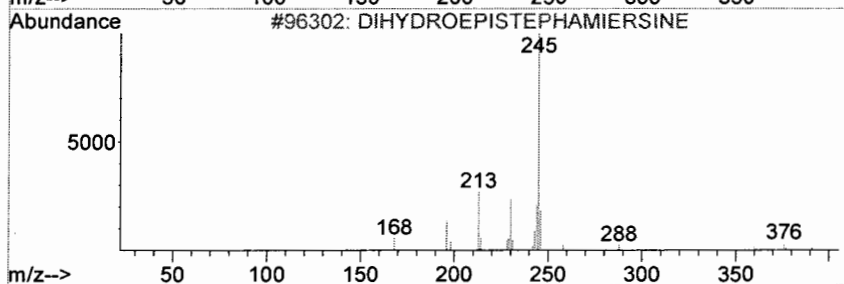
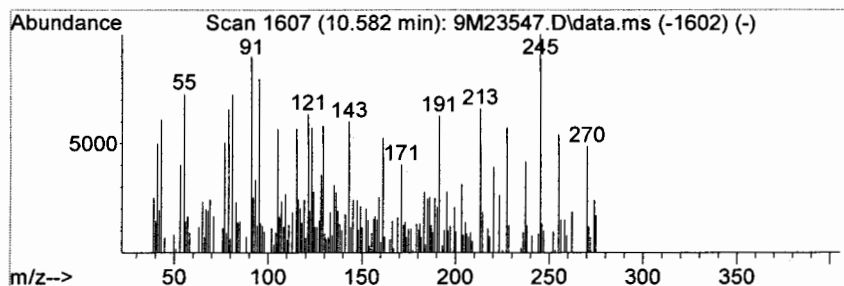
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 19 unknown Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	18.71 ng	122852	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DIHYDROEPISTEPHAMIERSINE	391	C21H29NO6	033111-02-3	12
2			Arsinodithioic acid, dimethyl-, ...	274	C4H12As2S2	007208-00-6	10
3			1-(4-Methylphenyl)-N-(pentafluor...	245	C8H8F5NS	090598-13-3	10
4			FLURAZEPAM-N1-ACETIC ACID DECOMP...	245	C14H9ClFN	000000-00-0	9
5			cis-2-(Dimethylamino)-1-(1-pheny...	245	C16H23NO	086632-95-3	9



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

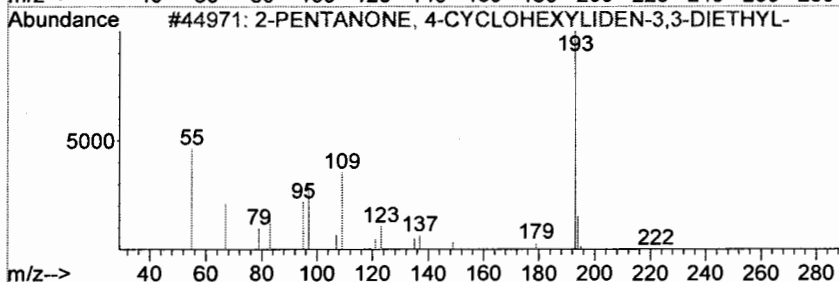
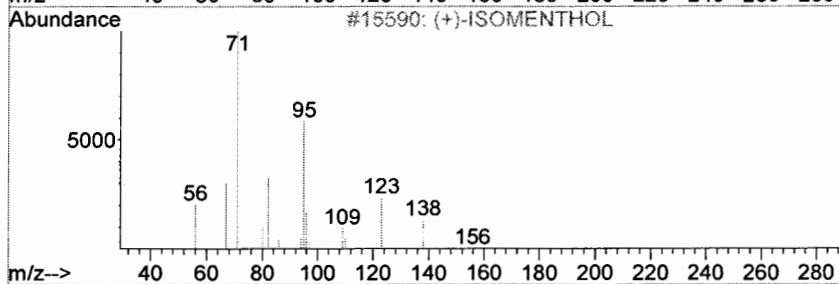
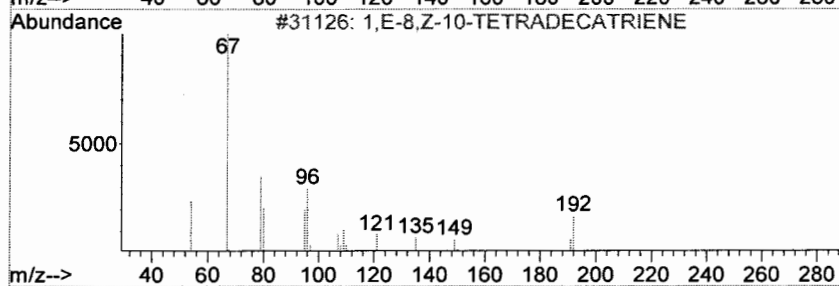
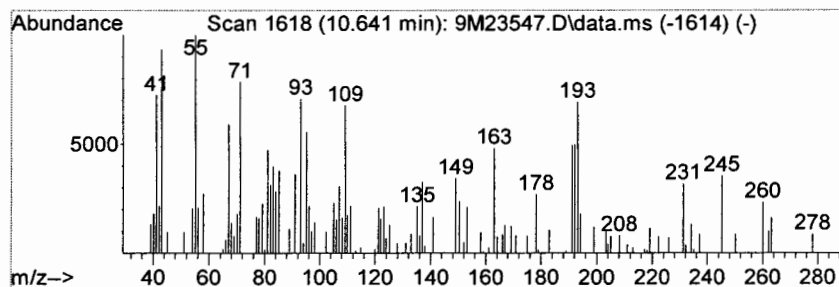
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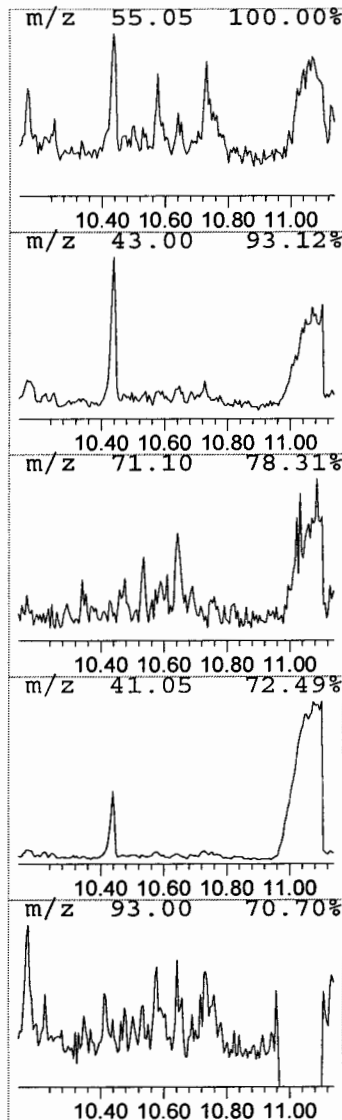
 Peak Number 20 unknown Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	9.52 ng	62528	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,E-8,Z-10-TETRADECATRIENE	192	C14H24	080625-31-6	14
2			(+)-ISOMENTHOL	156	C10H20O	023283-97-8	14
3			2-PENTANONE, 4-CYCLOHEXYLIDEN-3,...	222	C15H26O	000000-00-0	14
4			.ALPHA.-NEO-ISO-MENTHOL	156	C10H20O	000491-02-1	12
5			4-Methylenespiro(4.7)dodecan-1-one	192	C13H20O	088441-57-0	10



9M_0301.M Thu Mar 04 18:48:00 2010 RPT1



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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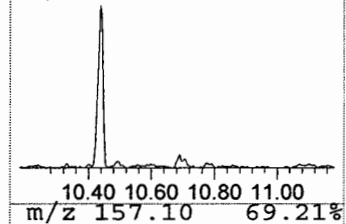
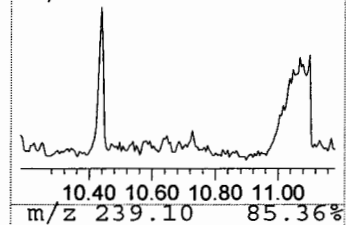
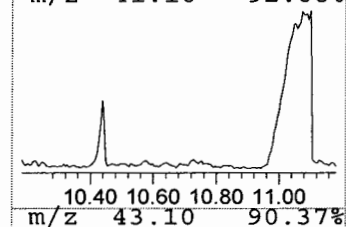
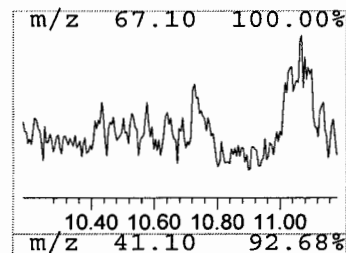
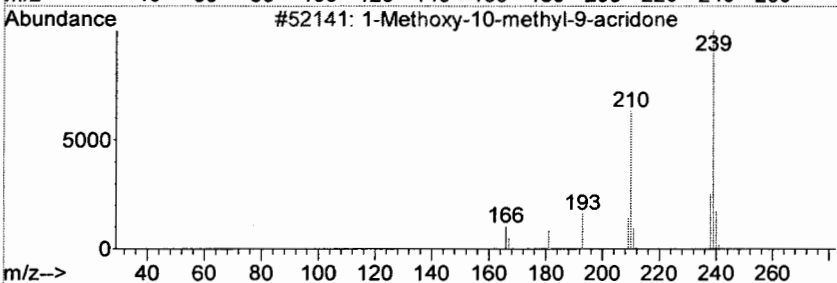
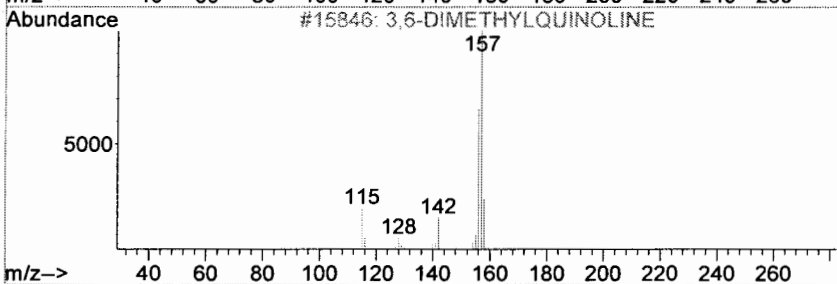
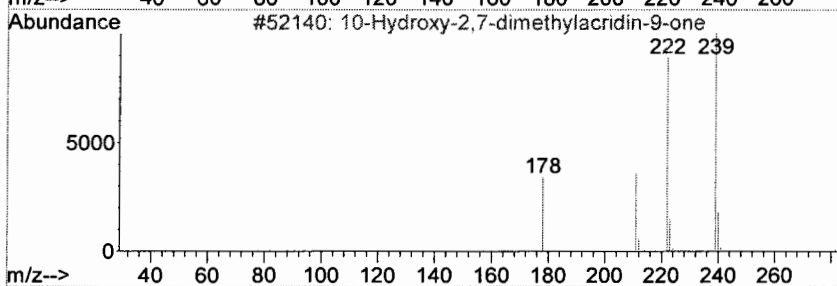
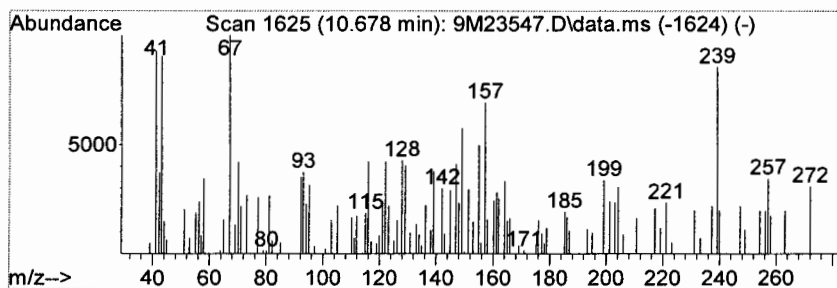
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 21 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	5.30 ng	34822	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Hydroxy-2,7-dimethylacridin-9...	239	C15H13NO2	000000-00-0	16
2			3,6-DIMETHYLQUINOLINE	157	C11H11N	000000-00-0	14
3			1-Methoxy-10-methyl-9-acridone	239	C15H13NO2	016584-58-0	12
4			Pyrimidine, 2-amino-4-phenyl-6-(...	239	C11H8F3N3	026974-09-4	11
5			1,2,4-Triazolidine-1-carboxylic ...	229	C9H15N3O4	039636-04-9	10



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 ALS Vial : 15 Sample Multiplier: 1

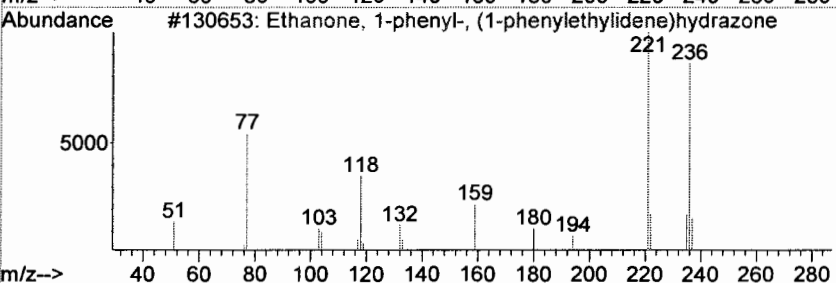
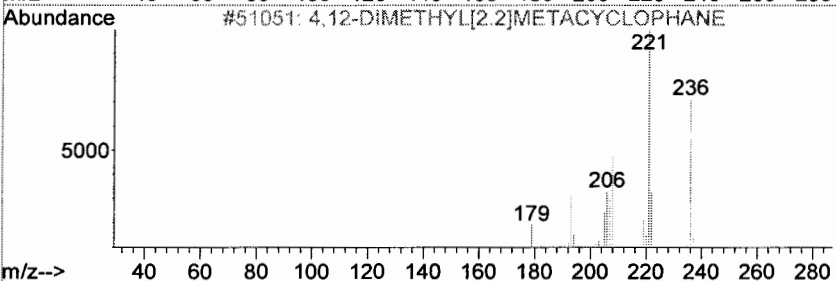
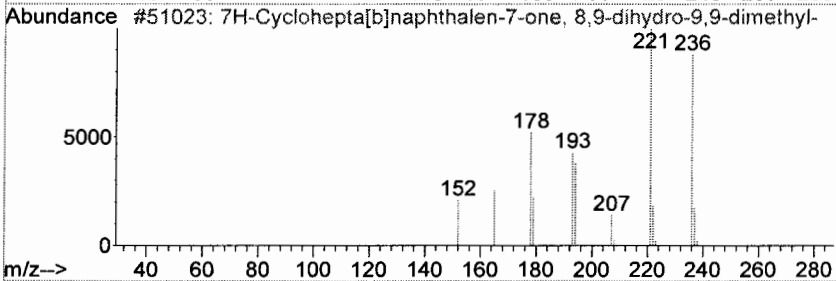
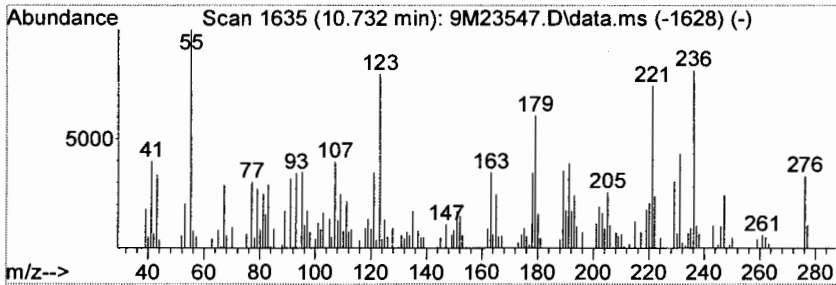
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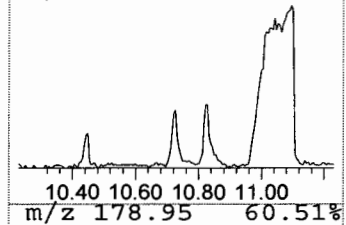
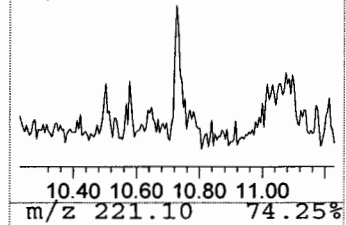
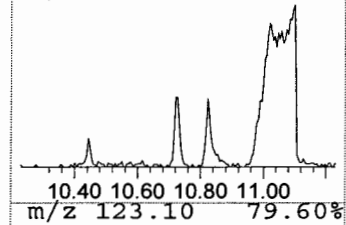
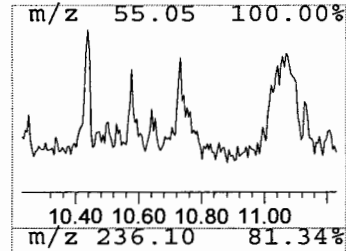
 Peak Number 22 7H-Cyclohepta[b]naphthalen-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	24.37 ng	160014	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Cyclohepta[b]naphthalen-7-one...	236	C17H16O	069576-83-6	58
2			4,12-DIMETHYL[2.2]METACYCLOPHANE	236	C18H20	055705-29-8	45
3			Ethanone, 1-phenyl-, (1-phenylet...	236	C16H16N2	000729-43-1	30
4			4-Methoxy-2,6-di-tert-butylphenol	236	C15H24O2	000000-00-0	27
5			Thiophene, 2,4-diphenyl-	236	C16H12S	003328-86-7	25



9M_0301.M Thu Mar 04 18:48:04 2010 RPT1



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

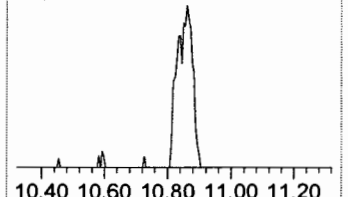
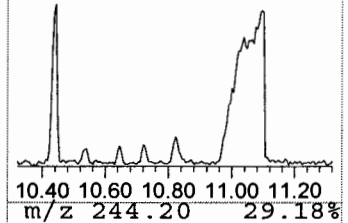
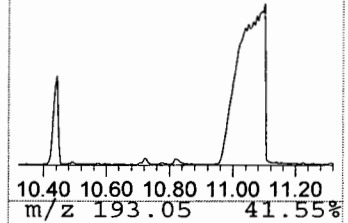
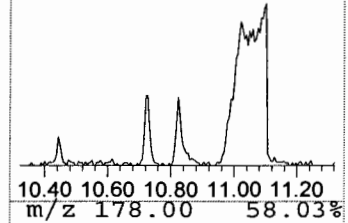
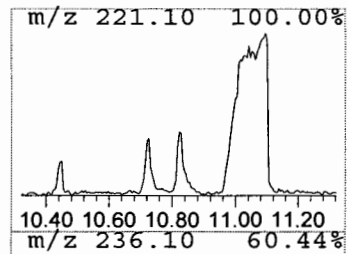
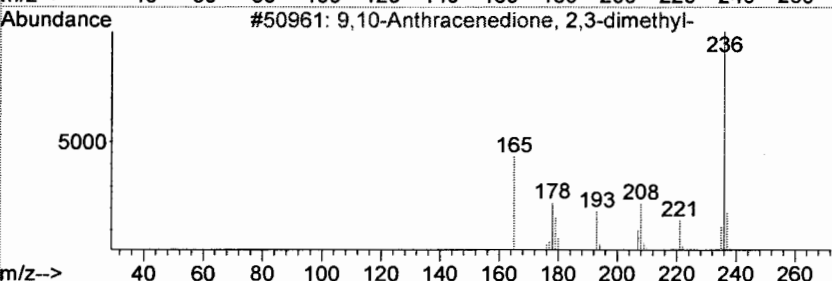
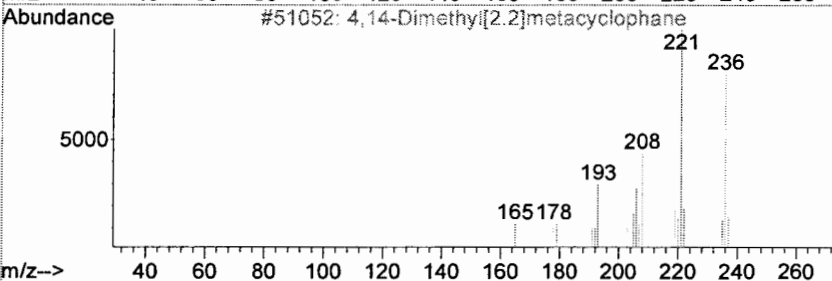
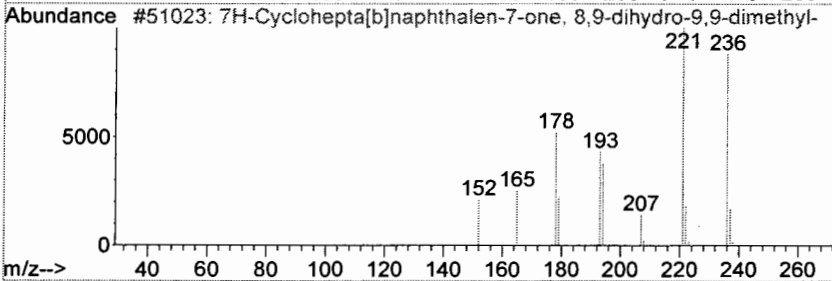
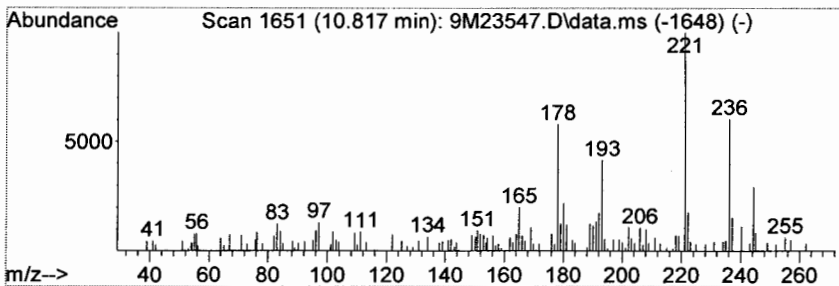
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 23 7H-Cyclohepta[b]naphthalen-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	11.48 ng	75405	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7H-Cyclohepta[b]naphthalen-7-one...	236	C17H16O	069576-83-6	87
2			4,14-Dimethyl[2.2]metacyclopentane	236	C18H20	016620-99-8	62
3			9,10-Anthracenedione, 2,3-dimethyl-	236	C16H12O2	006531-35-7	52
4			4-Methyl-2,4-diphenylpent-2-ene	236	C18H20	000000-00-0	47
5			4'-Methyl-2-benzylidenecoumaran-...	236	C16H12O2	061370-66-9	47



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Sample : AC50034-007(10X)
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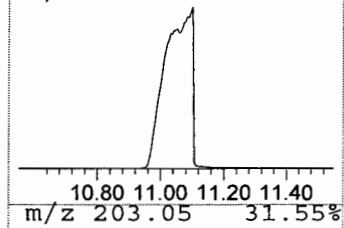
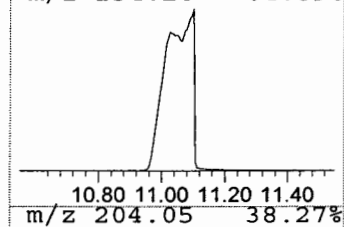
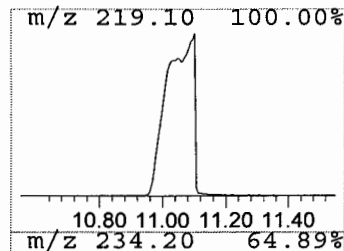
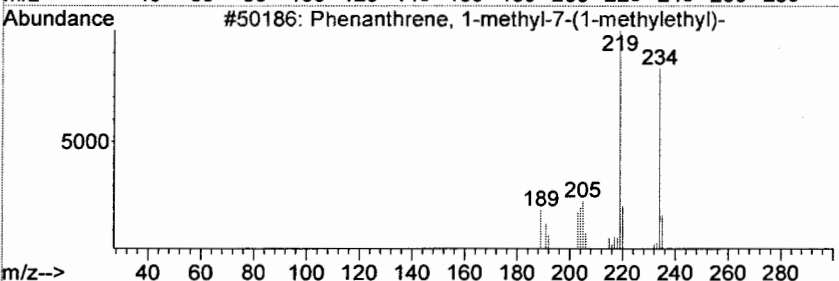
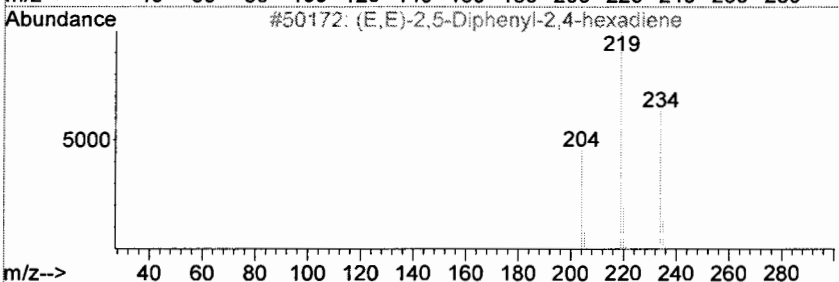
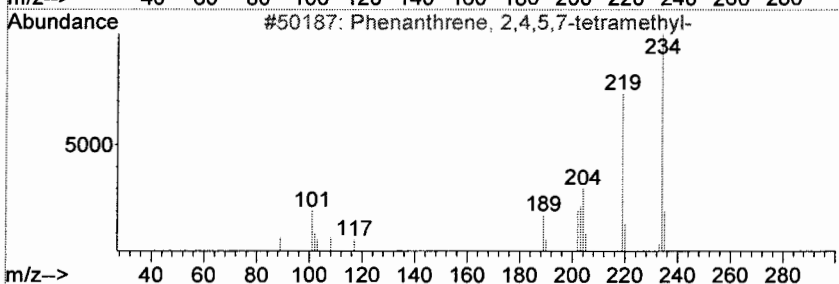
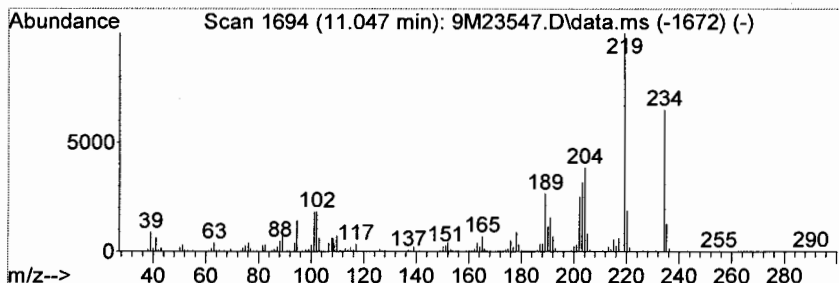
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 24 Phenanthrene, 2,4,5,7-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3307.44 ng	21715733	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	91
2			(E,E)-2,5-Diphenyl-2,4-hexadiene	234	C18H18	016914-12-8	91
3			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	86
4			2,5-Diphenyl-2,4-hexadiene	234	C18H18	016914-12-8	70
5			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	68



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

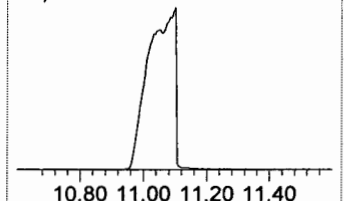
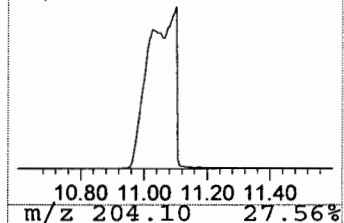
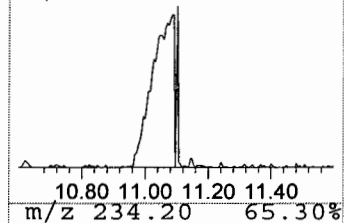
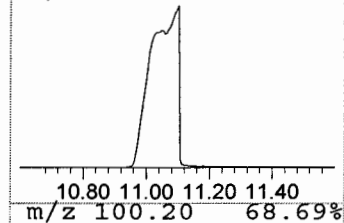
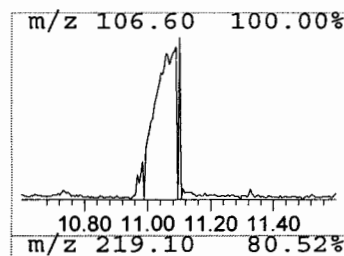
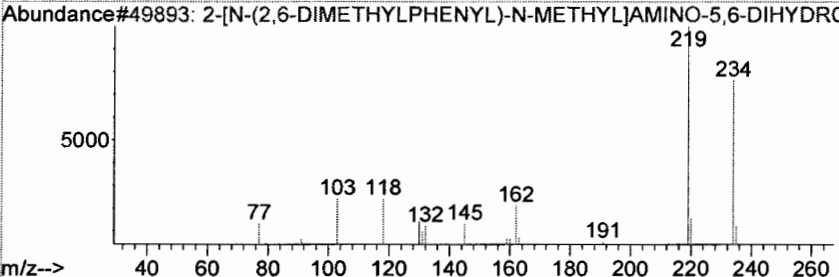
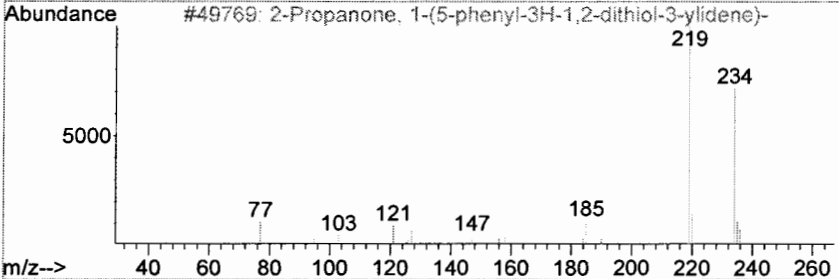
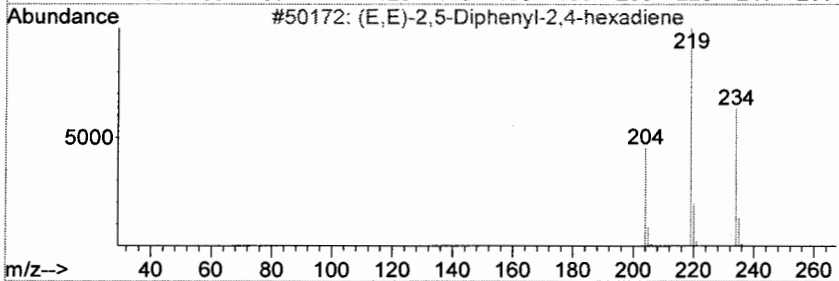
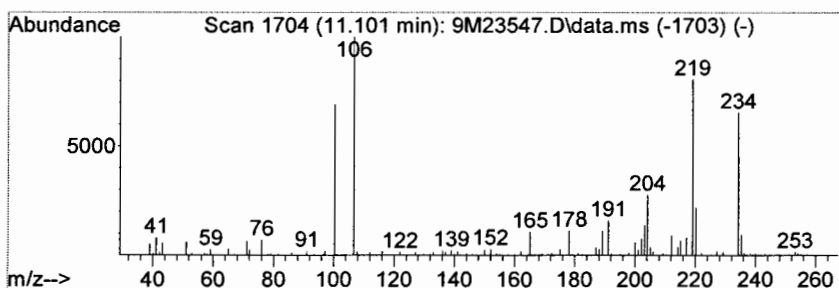
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TIC Library : G:\GCMSDATA\WILEY138.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 25 unknown Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	309.49 ng	2032052	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E,E)-2,5-Diphenyl-2,4-hexadiene	234	C18H18	016914-12-8	40
2			2-Propanone, 1-(5-phenyl-3H-1,2-...	234	C12H10OS2	027315-83-9	35
3			2-[N-(2,6-DIMETHYLPHENYL)-N-METH...	234	C13H18N2S	040496-94-4	35
4			[1,2]Dithiolo[1,5-b][1,2]oxathio...	234	C12H10OS2	074810-14-3	35
5			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	32



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

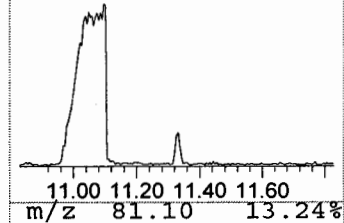
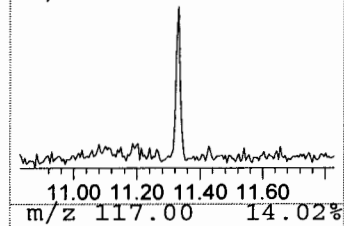
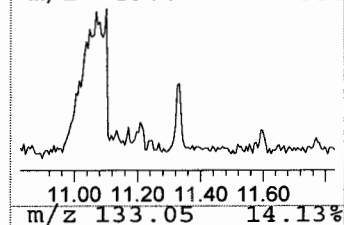
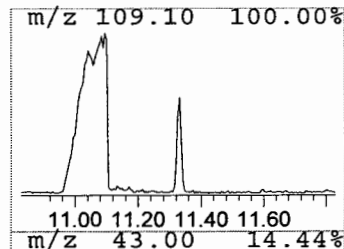
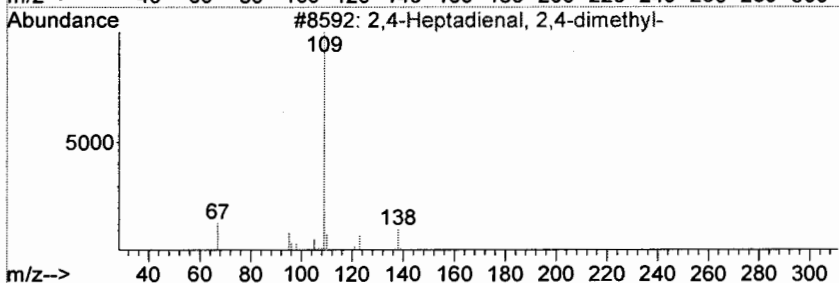
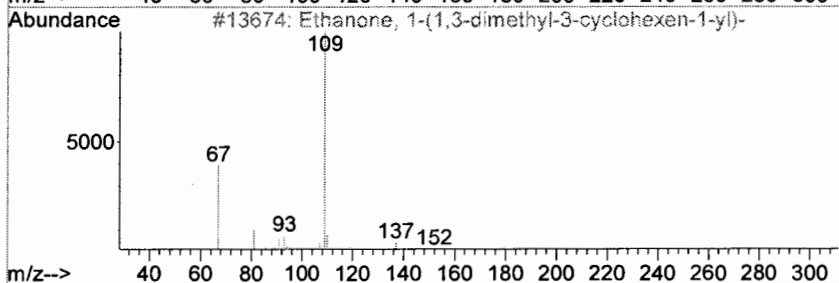
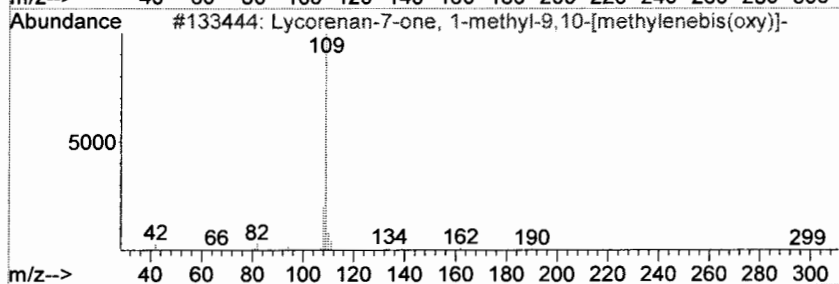
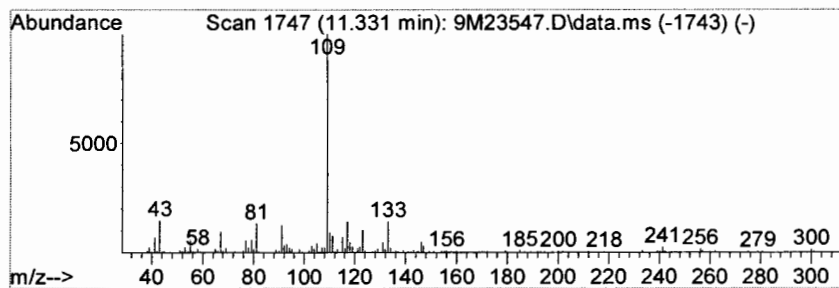
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 26 Lycorenan-7-one, 1-methyl-9... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	25.45 ng	167088	LibIS-Chrysene-d12	12.05

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lycorenan-7-one, 1-methyl-9,10-[...]	299	C17H17NO4	000568-40-1	50
2		Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	47
3		2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	42
4		2-CYCLOPENTENE, 1-HYDROXYMETHYL-...	140	C9H16O	000000-00-0	38
5		Phenol, 4-amino-	109	C6H7NO	000123-30-8	38



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
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 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 ALS Vial : 15 Sample Multiplier: 1

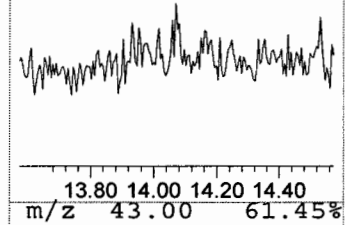
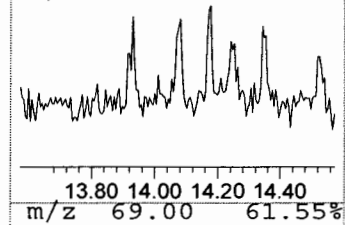
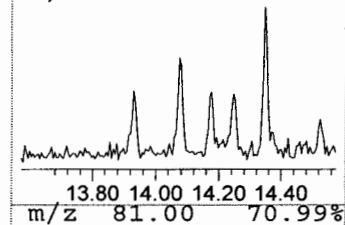
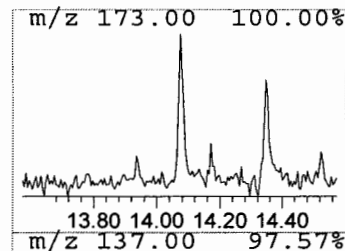
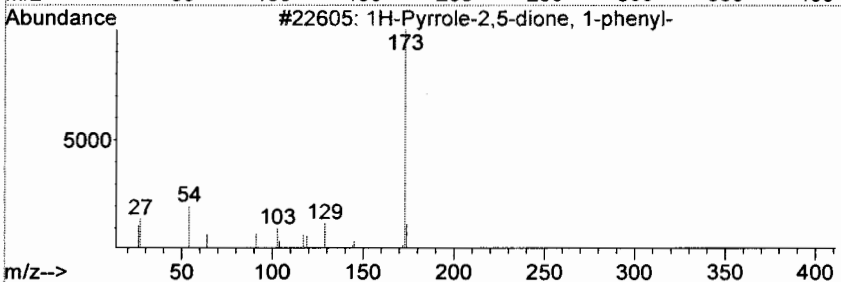
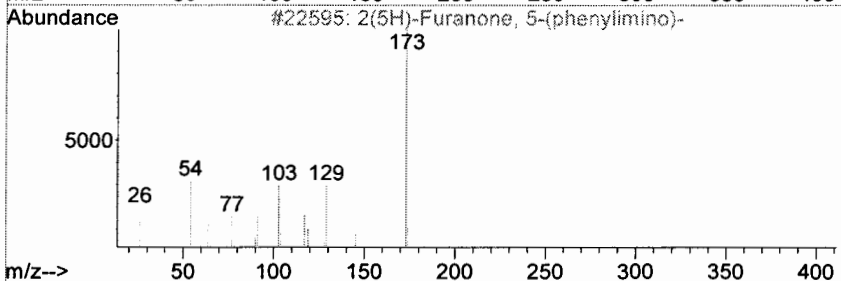
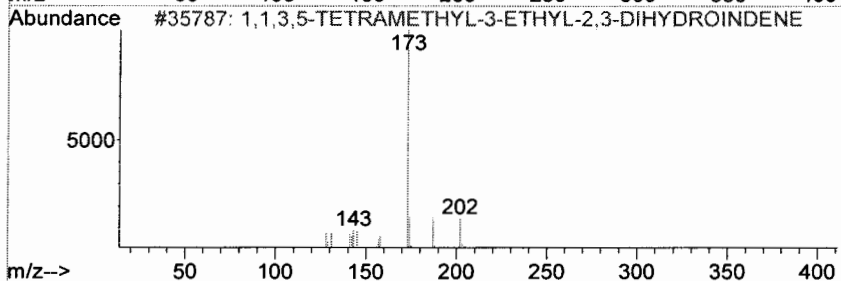
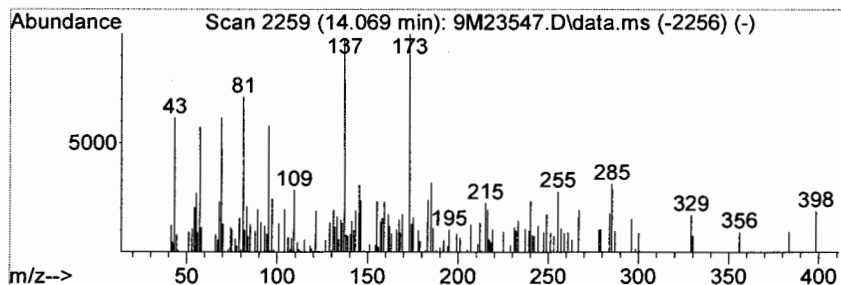
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 27 unknown Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	8.44 ng	67304	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,5-TETRAMETHYL-3-ETHYL-2,3-...	202	C15H22	000000-00-0	35		
2	2(5H)-Furanone, 5-(phenylimino)-	173	C10H7NO2	019990-26-2	27		
3	1H-Pyrrole-2,5-dione, 1-phenyl-	173	C10H7NO2	000941-69-5	22		
4	3-Buten-2-one, 1-(2,3,6-trimethy...	188	C13H16O	054789-45-6	22		
5	1,1,3,3,5-PENTAMETHYL-2,3-DIHYDR...	188	C14H20	000000-00-0	18		



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
Data File : 9M23547.D
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Operator : AHD
Sample : AC50034-007(10X)
Misc : S,BNA:10
ALS Vial : 15 Sample Multiplier: 1

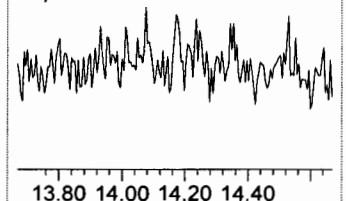
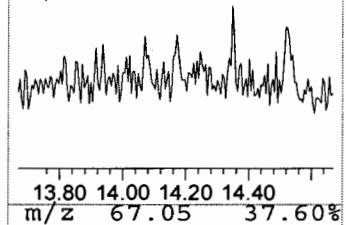
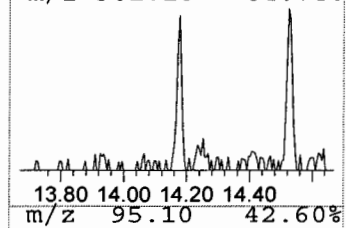
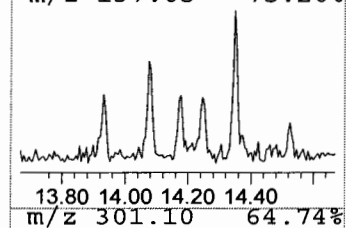
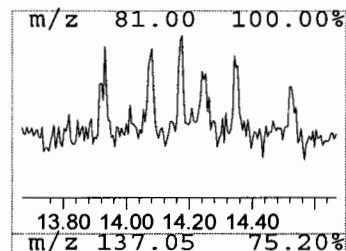
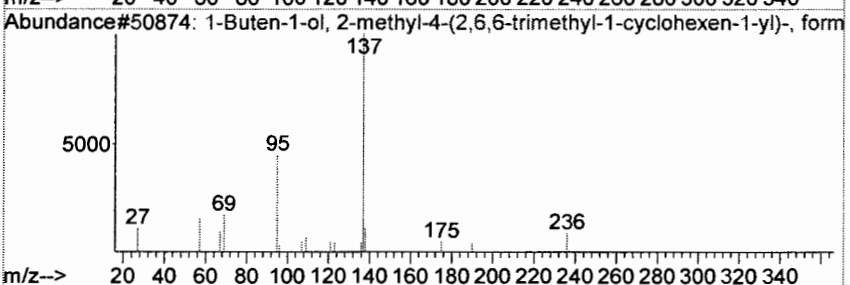
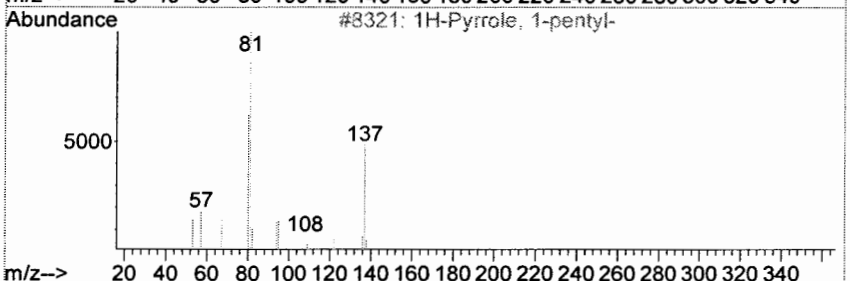
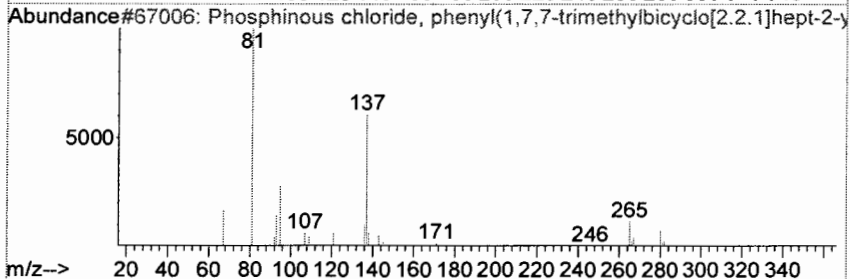
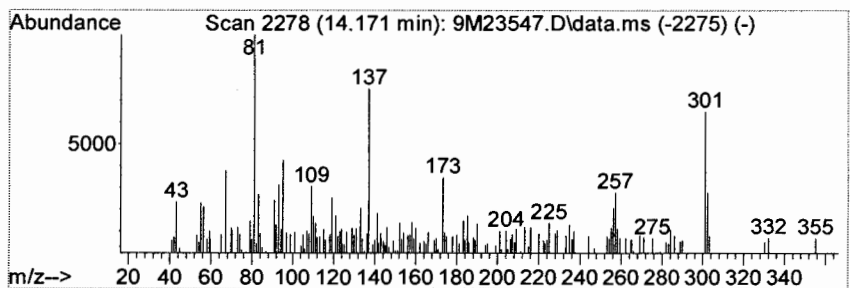
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 28 unknown Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	6.21 ng	49507	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphinous chloride, phenyl(1,7...	280	C16H22ClP	074630-27-6	43
2			1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	32
3			1-Buten-1-ol, 2-methyl-4-(2,6,6-...	236	C15H24O2	021730-91-6	22
4			NERONE	194	C13H22O	031375-17-4	22
5			N-METHYL-N-(3-METHOXYPHENYL)-N'-...	256	C15H16N2O2	067309-71-1	14



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23547.D
 Acq On : 3 Mar 2010 18:11
 Operator : AHD
 Sample : AC50034-007(10X)
 Misc : S,BNA:10
 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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
2-Pentanone, 4-hy...	3.60	342.9	ng	1440975	1	5.26	5.26	168083	40.0
BENZOCYCLOHEPTATR...	6.89	14.8	ng	101568	2	6.28	6.28	275337	40.0
Naphthalene, 2,3-...	7.30	5.6	ng	45940	3	7.64	7.64	325402	40.0
Naphthalene, 2,3-...	7.35	7.5	ng	61092	3	7.64	7.64	325402	40.0
Benz[a]anthracene...	9.61	8.6	ng	75241	4	9.03	9.03	348315	40.0
unknown	9.66	25.0	ng	217983	4	9.03	9.03	348315	40.0
unknown	9.69	6.2	ng	54338	4	9.03	9.03	348315	40.0
unknown	9.75	1174.4	ng	10226389	4	9.03	9.03	348315	40.0
Sandaracopimaradiene	9.81	17.8	ng	154895	4	9.03	9.03	348315	40.0
unknown	9.89	2064.2	ng	17974394	4	9.03	9.03	348315	40.0
3-Dodecyne	10.02	1711.4	ng	14903035	4	9.03	9.03	348315	40.0
(Z)-4-Ethyl-1,3-d...	10.05	31.6	ng	275288	4	9.03	9.03	348315	40.0
unknown	10.09	202.8	ng	1765552	4	9.03	9.03	348315	40.0
unknown	10.16	7.2	ng	62516	4	9.03	9.03	348315	40.0
unknown	10.22	6.6	ng	57387	4	9.03	9.03	348315	40.0
Phenanthrene, 1,2...	10.25	8.3	ng	72418	4	9.03	9.03	348315	40.0
10-Methoxybenz[a]...	10.44	194.3	ng	1691602	4	9.03	9.03	348315	40.0
4,8-Dihydrodithie...	10.50	8.3	ng	72587	4	9.03	9.03	348315	40.0
unknown	10.58	18.7	ng	122852	5	12.05	12.05	262629	40.0
unknown	10.64	9.5	ng	62528	5	12.05	12.05	262629	40.0
unknown	10.68	5.3	ng	34822	5	12.05	12.05	262629	40.0
7H-Cyclohepta[b]n...	10.73	24.4	ng	160014	5	12.05	12.05	262629	40.0
7H-Cyclohepta[b]n...	10.82	11.5	ng	75405	5	12.05	12.05	262629	40.0
Phenanthrene, 2,4...	11.05	3307.4	ng	21715733	5	12.05	12.05	262629	40.0
unknown	11.10	309.5	ng	2032052	5	12.05	12.05	262629	40.0
Lycorenan-7-one, ...	11.33	25.4	ng	167088	5	12.05	12.05	262629	40.0
unknown	14.07	8.4	ng	67304	6	13.65	13.65	318824	40.0
unknown	14.17	6.2	ng	49507	6	13.65	13.65	318824	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: AC50034-008(2X)

Client Id: PI01-TP-RAR3022310S01

Data File: 9M23521.D

Analysis Date: 03/02/10 17:50

Date Rec/Extracted: 02/25/10-03/02/10

Column: DB-5MS 30M 0.250mm ID 0.25um film

Method: EPA 8270C

Matrix: Soil

Initial Vol: 30g

Final Vol: 1ml

Dilution: 2

Solids: 55

Units: mg/Kg

Cas #	Compound	RL	Conc	Cas #	Compound	RL	Conc
120-82-1	1,2,4-Trichlorobenzene	0.24	U	191-24-2	Benzo[g,h,i]perylene	0.24	U
122-66-7	1,2-Diphenylhydrazine	0.24	U	207-08-9	Benzo[k]fluoranthene	0.24	U
95-95-4	2,4,5-Trichlorophenol	0.24	U	65-85-0	Benzoic Acid	1.2	U
88-06-2	2,4,6-Trichlorophenol	0.24	U	111-91-1	bis(2-Chloroethoxy)methan	0.24	U
120-83-2	2,4-Dichlorophenol	0.24	U	111-44-4	bis(2-Chloroethyl)ether	0.24	U
105-67-9	2,4-Dimethylphenol	0.24	U	108-60-1	bis(2-chloroisopropyl)ether	0.24	U
51-28-5	2,4-Dinitrophenol	1.2	U	117-81-7	bis(2-Ethylhexyl)phthalate	0.24	U
121-14-2	2,4-Dinitrotoluene	0.24	U	85-68-7	Butylbenzylphthalate	0.24	U
606-20-2	2,6-Dinitrotoluene	0.24	U	86-74-8	Carbazole	0.24	U
91-58-7	2-Chloronaphthalene	0.24	U	218-01-9	Chrysene	0.24	0.53
95-57-8	2-Chlorophenol	0.24	U	53-70-3	Dibenzo[a,h]anthracene	0.24	U
91-57-6	2-Methylnaphthalene	0.24	U	132-64-9	Dibenzofuran	0.24	U
95-48-7	2-Methylphenol	0.24	U	84-66-2	Diethylphthalate	0.24	U
88-74-4	2-Nitroaniline	0.24	U	131-11-3	Dimethylphthalate	0.24	U
88-75-5	2-Nitrophenol	0.24	U	84-74-2	Di-n-butylphthalate	0.24	U
106-44-5	3&4-Methylphenol	0.24	U	117-84-0	Di-n-octylphthalate	0.24	U
91-94-1	3,3'-Dichlorobenzidine	0.24	U	206-44-0	Fluoranthene	0.24	0.31
99-09-2	3-Nitroaniline	0.24	U	86-73-7	Fluorene	0.24	0.38
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	118-74-1	Hexachlorobenzene	0.24	U
101-55-3	4-Bromophenyl-phenylether	0.24	U	87-68-3	Hexachlorobutadiene	0.24	U
59-50-7	4-Chloro-3-methylphenol	0.24	U	77-47-4	Hexachlorocyclopentadiene	1.2	U
106-47-8	4-Chloroaniline	0.24	U	67-72-1	Hexachloroethane	0.24	U
7005-72-3	4-Chlorophenyl-phenylether	0.24	U	193-39-5	Indeno[1,2,3-cd]pyrene	0.24	U
100-01-6	4-Nitroaniline	0.24	U	78-59-1	Isophorone	0.24	U
100-02-7	4-Nitrophenol	0.24	U	91-20-3	Naphthalene	0.24	0.44
83-32-9	Acenaphthene	0.24	0.31	98-95-3	Nitrobenzene	0.24	U
208-96-8	Acenaphthylene	0.24	U	62-75-9	N-Nitrosodimethylamine	0.24	U
62-53-3	Aniline	0.24	U	621-64-7	N-Nitroso-di-n-propylamine	0.24	U
120-12-7	Anthracene	0.24	0.33	86-30-6	n-Nitrosodiphenylamine	0.24	U
92-87-5	Benzidine	1.2	U	87-86-5	Pentachlorophenol	1.2	U
56-55-3	Benzo[a]anthracene	0.24	0.34	85-01-8	Phenanthrene	0.24	0.67
50-32-8	Benzo[a]pyrene	0.24	0.31	108-95-2	Phenol	0.24	U
205-99-2	Benzo[b]fluoranthene	0.24	U	129-00-0	Pyrene	0.24	1.2

Worksheet #: 144328

Total Target Concentration 4.8

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.*

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: AC50034-008(2X)
 Client Id: PI01-TP-RAR3022310S
 Data File: 9M23521.D
 Analysis Date: 03/02/10 17:50
 Date Rec/Extracted: 02/25/10-03/02/10

Matrix: Soil
 Initial Vol: 30g
 Final Vol: 1ml
 Dilution: 2
 Solids: 55
 Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1		unknown	3.27	1.3 JB
2	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.68	230 JAB
3	90-12-0	Naphthalene, 1-methyl-	6.89	1.4 J
4	582-16-1	Naphthalene, 2,7-dimethyl-	7.30	1.5 J
5	575-41-7	Naphthalene, 1,3-dimethyl-	7.36	1.7 J
6	2027-17-0	Naphthalene, 2-(1-methylethyl)-	7.73	1.6 J
7	2131-42-2	Naphthalene, 1,4,6-trimethyl-	7.81	1.3 J
8	16587-52-3	Dibenzothiophene, 3-methyl-	9.39	1.3 J
9	613-12-7	Anthracene, 2-methyl-	9.58	1.2 J
10	610-48-0	Anthracene, 1-methyl-	9.69	1.2 J
11	3674-66-6	Phenanthrene, 2,5-dimethyl-	10.08	1.8 J
12	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.12	1.2 J
13	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.20	2.0 J
14	1576-69-8	Phenanthrene, 2,7-dimethyl-	10.30	1.2 J
15		unknown	10.44	1.2 J
16	6702-58-5	9H-Xanthen-9-one, 4-methoxy-	10.56	1.2 J
17	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.67	1.5 J
18	3674-73-5	Phenanthrene, 2,3,5-trimethyl-	10.72	3.1 J
19	2381-21-7	Pyrene, 1-methyl-	11.02	1.7 J
20	3353-12-6	Pyrene, 4-methyl-	11.14	1.4 J
21		unknown	11.17	1.3 J
22	2381-21-7	Pyrene, 1-methyl-	11.25	1.2 J
23	54986-63-9	Benzo[c]phenanthrene, 5,8-dimethyl-	12.94	1.6 J
24		unknown	14.03	1.2 J
25		unknown	15.17	1.7 J

Worksheet #: 144328

Total Tentatively Identified Concentration 270*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 : AC50034-008(2X)
 Data File: 9M23521.D
 Acq On : 03/ 2/10 17:50

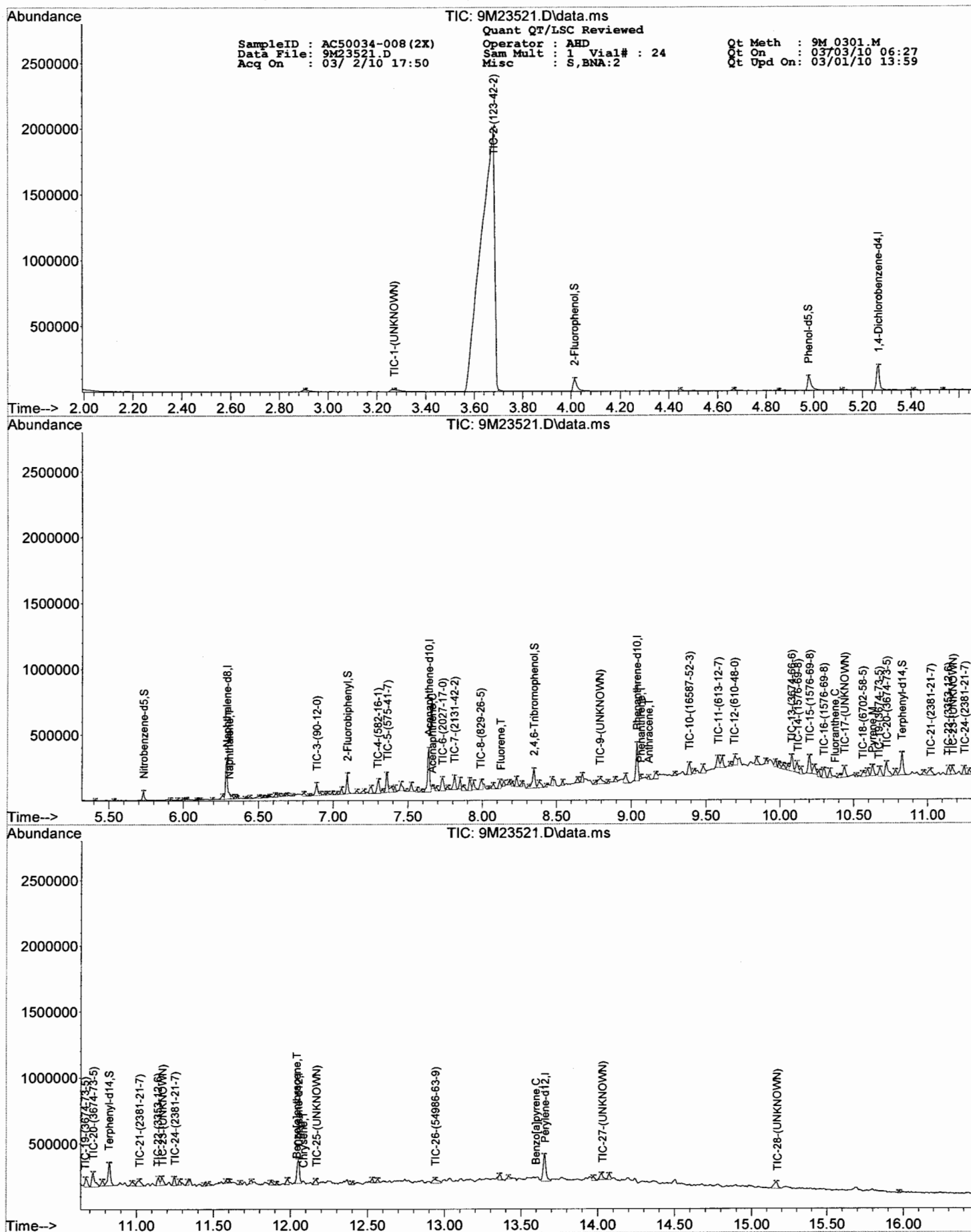
Operator : AHD
 Sam Mult : 1 Vial# : 24
 Misc : S,BNA:2

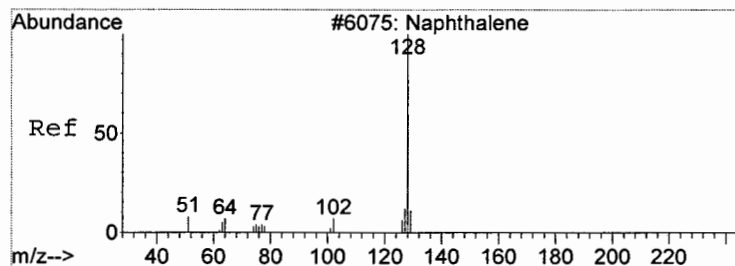
Qt Meth : 9M_0301.M
 Qt On : 03/03/10 06:27
 Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	25976	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	100576	40.00	ng	0.00
47) Acenaphthene-d10	7.640	164	59368	40.00	ng	0.00
73) Phenanthrene-d10	9.036	188	96083	40.00	ng	0.00
87) Chrysene-d12	12.053	240	69437	40.00	ng	0.00
102) Perylene-d12	13.658	264	69366	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.014	112	27270	39.04	ng	0.00
Spiked Amount 100.000			Recovery =	39.04%		
15) Phenol-d5	4.977	99	35997	39.52	ng	0.00
Spiked Amount 100.000			Recovery =	39.52%		
30) Nitrobenzene-d5	5.731	128	7831	18.58	ng	0.00
Spiked Amount 50.000			Recovery =	37.16%		
52) 2-Fluorobiphenyl	7.095	172	36689	18.07	ng	0.00
Spiked Amount 50.000			Recovery =	36.14%		
76) 2,4,6-Tribromophenol	8.346	330	8252	46.20	ng	-0.01
Spiked Amount 100.000			Recovery =	46.20%		
90) Terphenyl-d14	10.823	244	44252	22.21	ng	0.00
Spiked Amount 50.000			Recovery =	44.42%		
Target Compounds						
						Qvalue
39) Naphthalene	6.303	128	9341	3.65	ng	84
61) Acenaphthene	7.662	153	4533	2.57	ng	81
68) Fluorene	8.122	166	6159	3.14	ng	78
82) Phenanthrene	9.063	178	15429	5.52	ng	96
83) Anthracene	9.117	178	7756	2.70	ng	91
86) Fluoranthene	10.373	202	7734	2.54	ng	97
88) Pyrene	10.625	202	28780	10.30	ng	90
99) Benzo[a]anthracene	12.042	228	7084	2.81	ng	87
100) Chrysene	12.085	228	10513	4.35	ng	71
106) Benzo[a]pyrene	13.599	252	5532	2.56	ng	68
Library Search Internal Standards TIC Results						
1) 1,4-Dichlorobenzene-d4	5.266		163555	40.00	ng	--
2) Naphthalene-d8	6.287		338697	40.00	ng	--
3) Acenaphthene-d10	7.640		395622	40.00	ng	--
4) Phenanthrene-d10	9.036		379092	40.00	ng	--
5) Chrysene-d12	12.053		237831	40.00	ng	--
6) Perylene-d12	13.652		261566	40.00	ng	--
Library Search Compounds						
1) UNKNOWN	3.270		45238	11.06	ng	--
2) 123-42-2	3.680		7868094	1924.27	ng	56
3) 90-12-0	6.890		94923	11.21	ng	94
4) 582-16-1	7.300		119056	12.04	ng	90
5) 575-41-7	7.360		139630	14.12	ng	98
6) 2027-17-0	7.730		128349	12.98	ng	91
7) 2131-42-2	7.810		105568	10.67	ng	93
8) 829-26-5	7.990		91940	9.30	ng	90
9) UNKNOWN	8.790		89183	9.41	ng	--
10) 16587-52-3	9.390		102428	10.81	ng	81
11) 613-12-7	9.580		93530	9.87	ng	89
12) 610-48-0	9.690		97201	10.26	ng	53
13) 3674-66-6	10.080		140216	14.79	ng	49
14) 1576-69-8	10.120		90916	9.59	ng	94
15) 1576-69-8	10.200		154444	16.30	ng	93
16) 1576-69-8	10.300		90235	9.52	ng	81
17) UNKNOWN	10.440		94889	10.01	ng	--
18) 6702-58-5	10.560		60068	10.10	ng	64
19) 3674-73-5	10.670		72925	12.27	ng	91
20) 3674-73-5	10.720		153884	25.88	ng	90
21) 2381-21-7	11.020		83992	14.13	ng	49
22) 3353-12-6	11.140		66699	11.22	ng	64
23) UNKNOWN	11.170		66001	11.10	ng	--
24) 2381-21-7	11.250		58687	9.87	ng	91
25) UNKNOWN	12.170		53338	8.97	ng	--
26) 54986-63-9	12.940		84068	12.86	ng	70
27) UNKNOWN	14.030		62423	9.55	ng	--
28) UNKNOWN	15.170		90967	13.91	ng	--

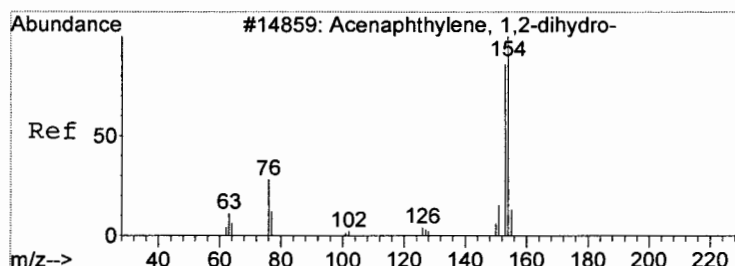
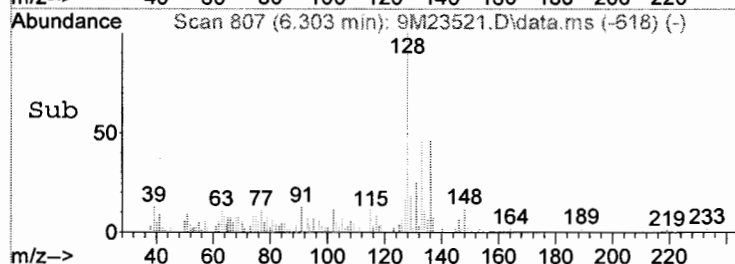
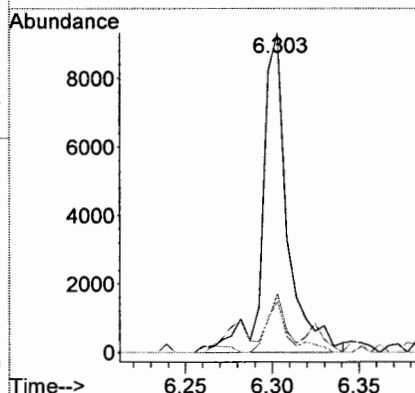
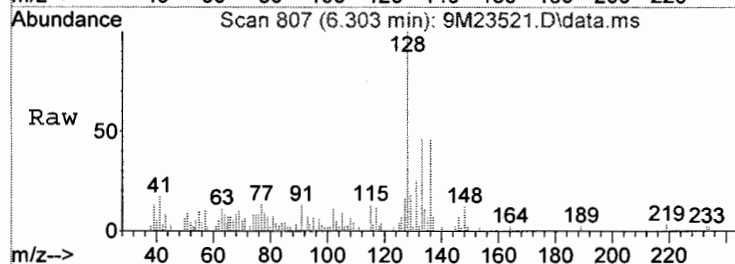
(#) = qualifier out of range (m) = manual integration (+) = signals summed





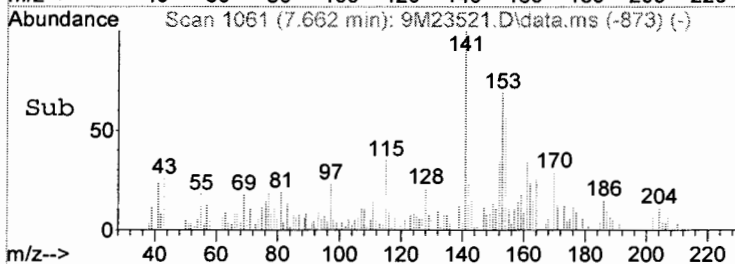
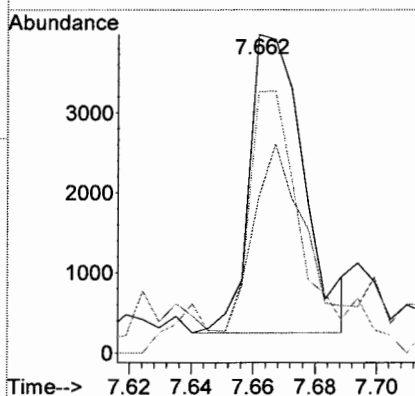
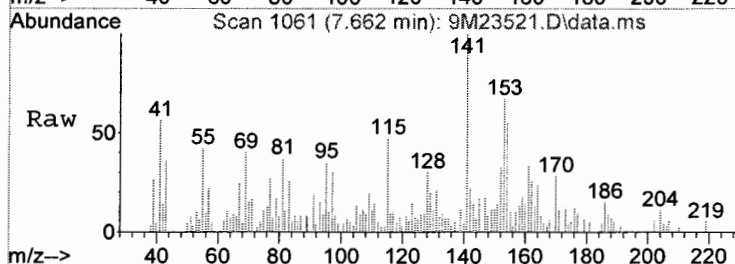
#39
Naphthalene
Concen: 3.65 ng
RT: 6.303 min Scan# 807
Delta R.T. -0.005 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

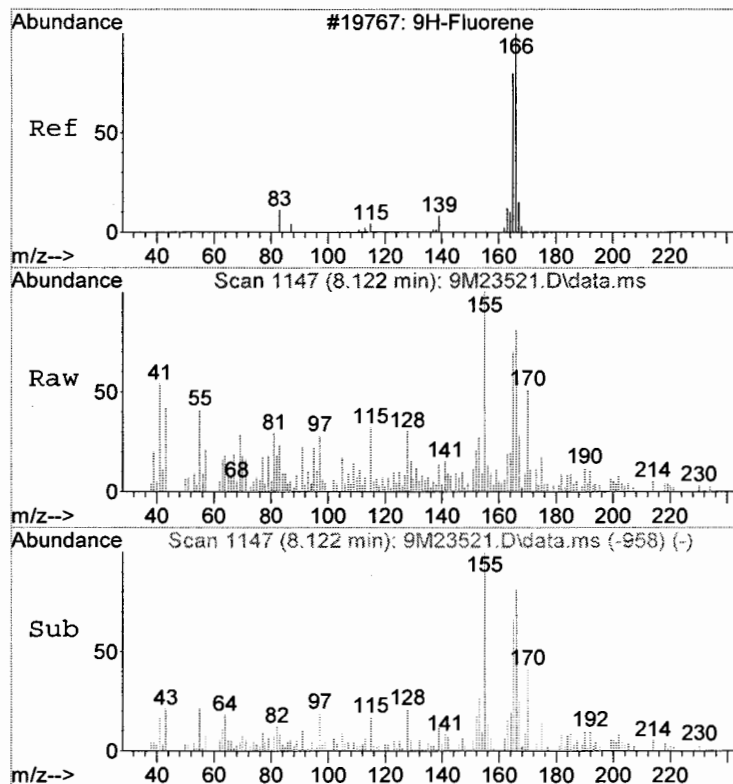
Tgt Ion	Ratio	Lower	Upper
128	100		
129	20.5	0.0	50.9
127	15.8	0.0	52.4



#61
Acenaphthene
Concen: 2.57 ng
RT: 7.662 min Scan# 1061
Delta R.T. -0.011 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

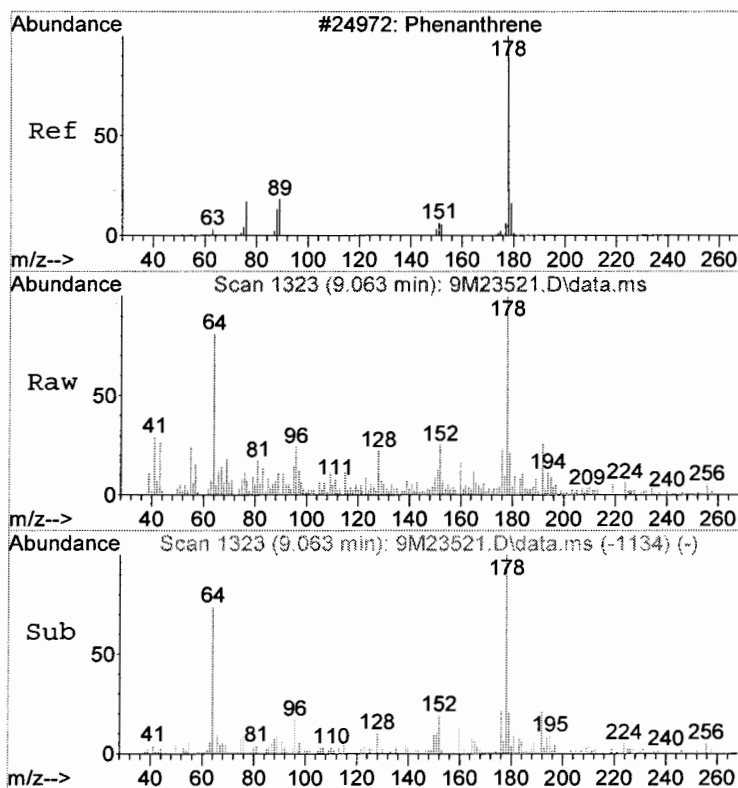
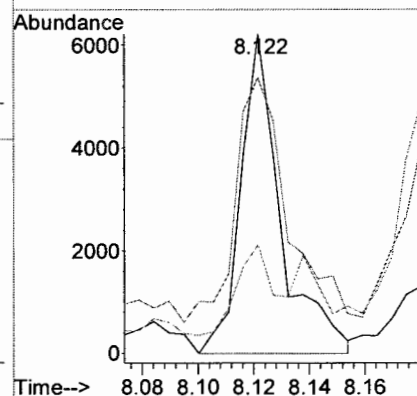
Tgt Ion	Ratio	Lower	Upper
153	100		
152	39.5	10.0	90.0
154	76.6	57.5	137.5





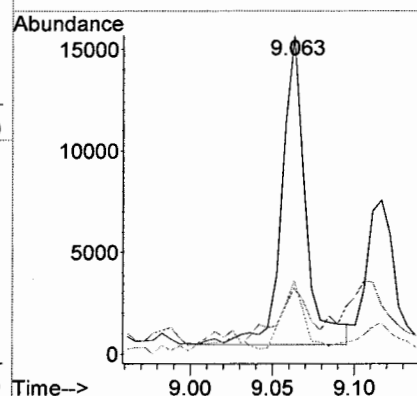
#68
Fluorene
Concen: 3.14 ng
RT: 8.122 min Scan# 1147
Delta R.T. -0.005 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

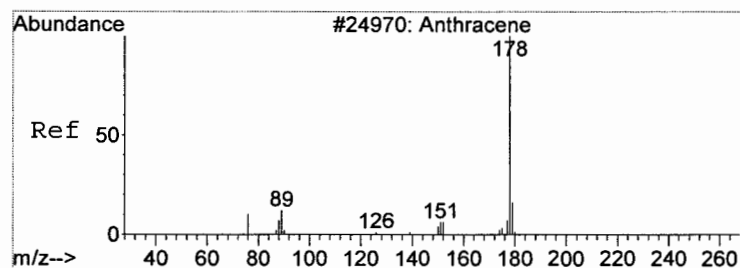
Tgt Ion	Ratio	Lower	Upper
166	100		
165	74.1	0.0	292.6
167	28.4	0.0	213.2



#82
Phenanthrene
Concen: 5.52 ng
RT: 9.063 min Scan# 1323
Delta R.T. -0.005 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

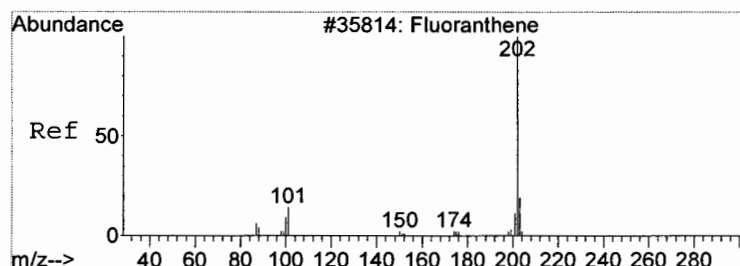
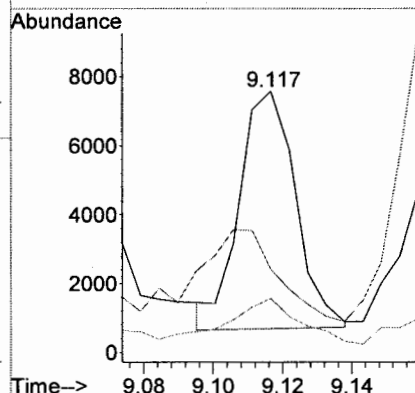
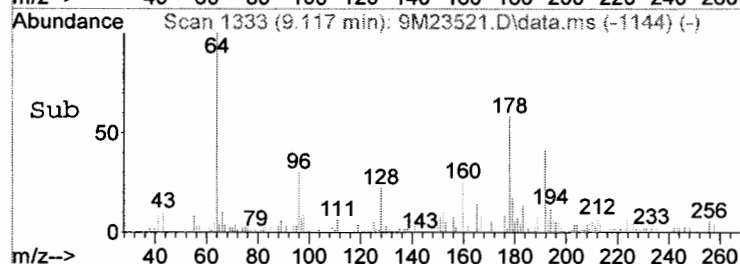
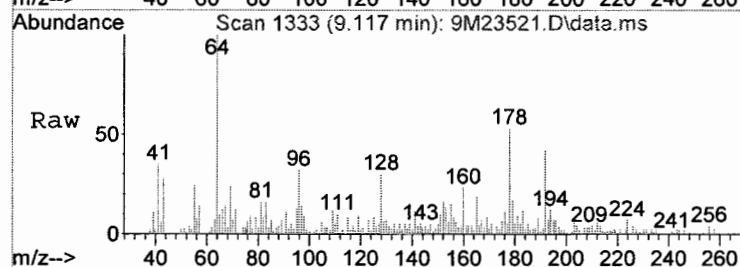
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	0.0	55.5
176	20.3	0.0	59.3





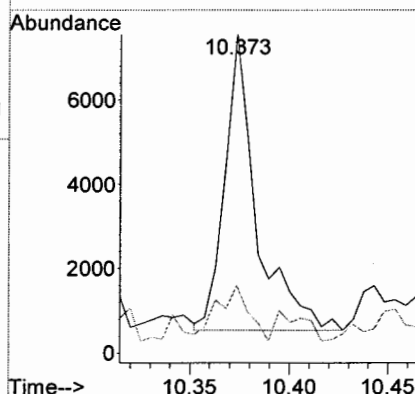
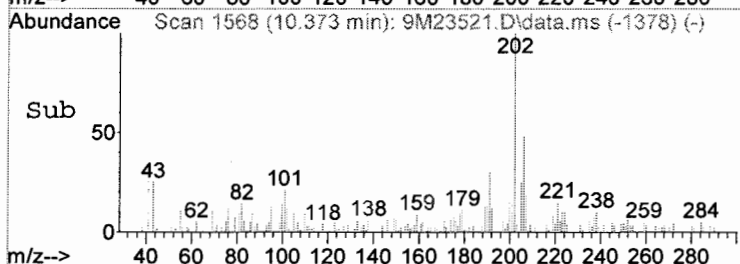
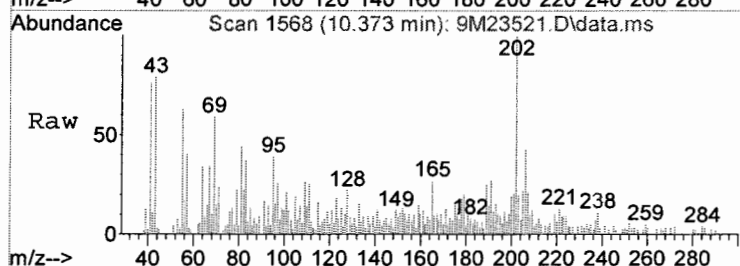
#83
Anthracene
Concen: 2.70 ng
RT: 9.117 min Scan# 1333
Delta R.T. -0.005 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

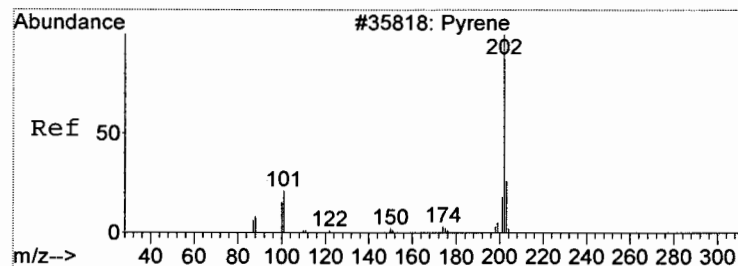
Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.8	0.0	55.2
176	18.6	0.0	58.1



#86
Fluoranthene
Concen: 2.54 ng
RT: 10.373 min Scan# 1568
Delta R.T. -0.000 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	57.6





#88

Pyrene

Concen: 10.30 ng

RT: 10.625 min Scan# 1615

Delta R.T. -0.005 min

Lab File: 9M23521.D

Acq: 2 Mar 2010 17:50

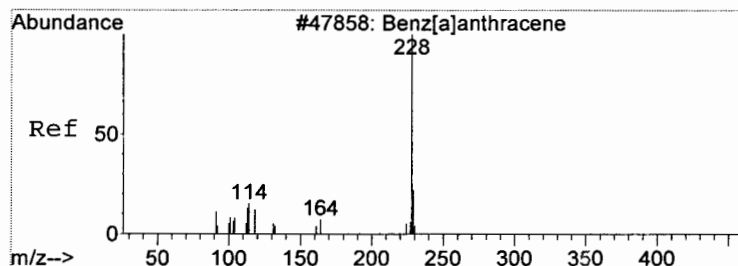
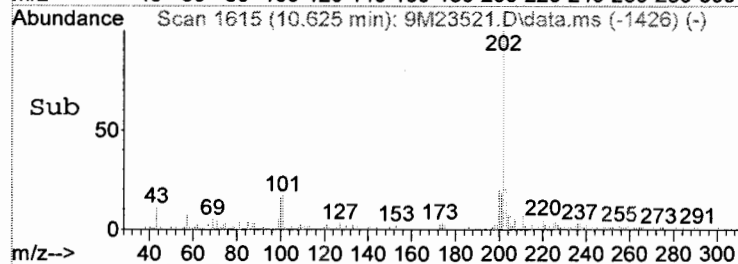
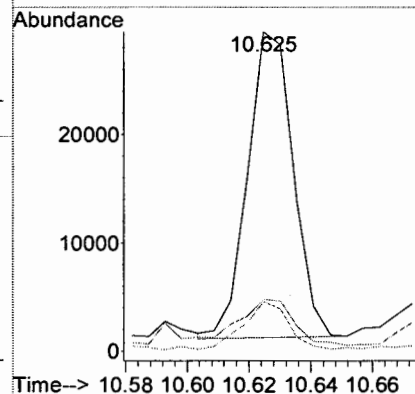
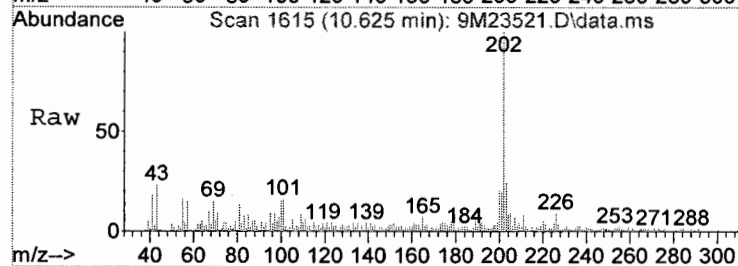
Tgt Ion: 202 Resp: 28780

Ion Ratio Lower Upper

202 100

101 15.1 0.0 62.2

100 15.6 0.0 57.8



#99

Benzo[a]anthracene

Concen: 2.81 ng

RT: 12.042 min Scan# 1880

Delta R.T. -0.005 min

Lab File: 9M23521.D

Acq: 2 Mar 2010 17:50

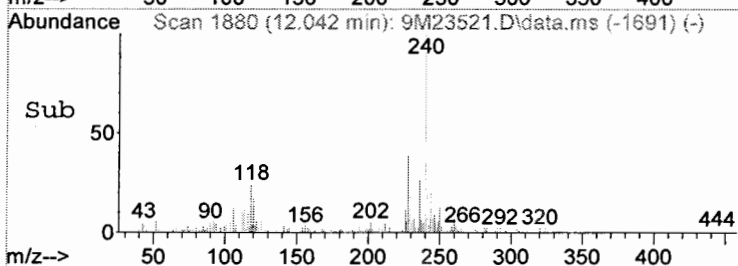
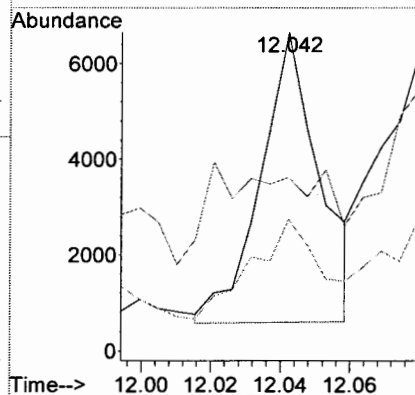
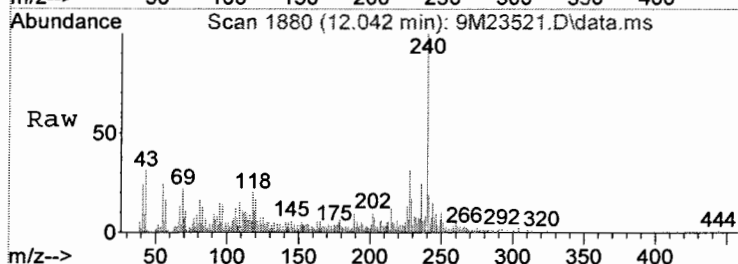
Tgt Ion: 228 Resp: 7084

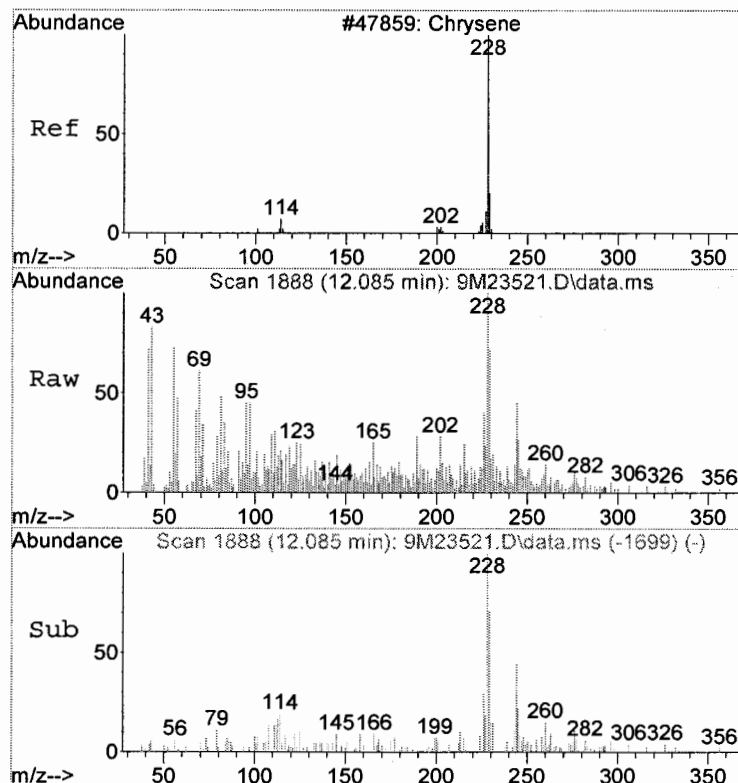
Ion Ratio Lower Upper

228 100

229 22.2 0.0 59.5

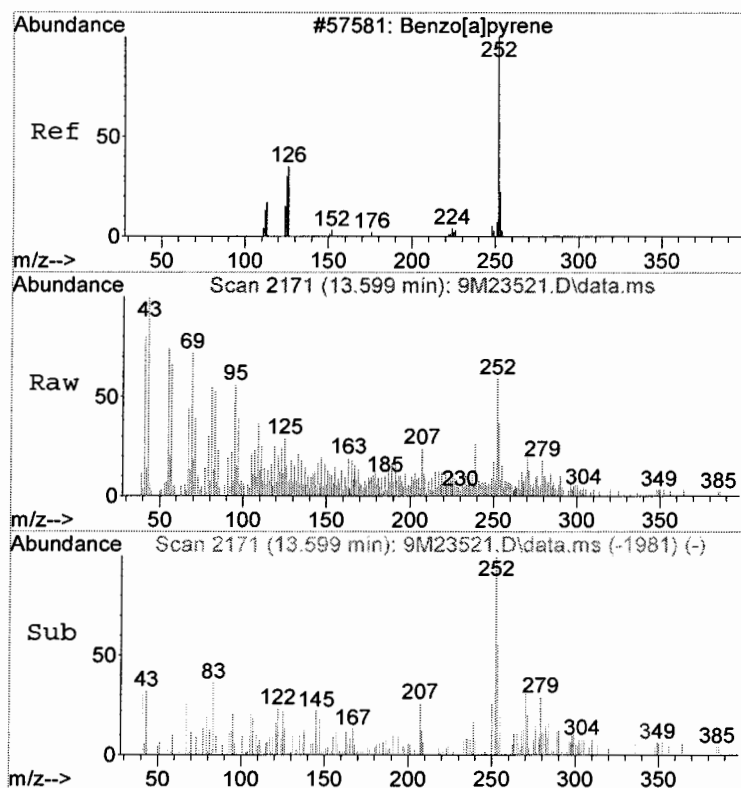
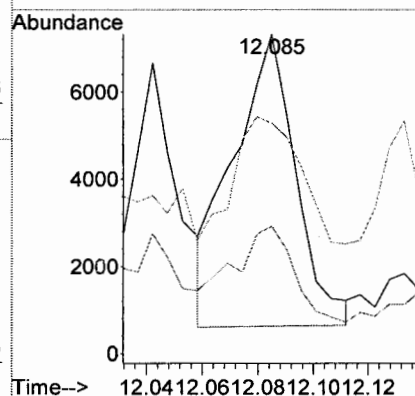
226 35.4 0.0 66.0





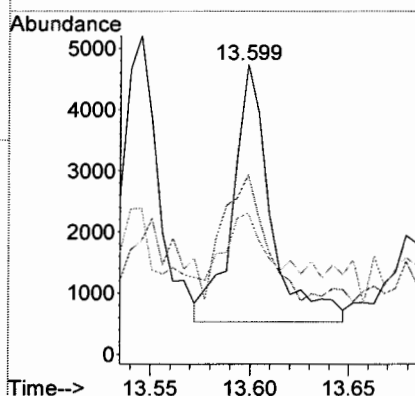
#100
Chrysene
Concen: 4.35 ng
RT: 12.085 min Scan# 1888
Delta R.T. -0.005 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

Tgt Ion: 228 Resp: 10513
Ion Ratio Lower Upper
228 100
226 36.2 9.5 49.5
229 45.3 0.0 60.2



#106
Benzo[a]pyrene
Concen: 2.56 ng
RT: 13.599 min Scan# 2171
Delta R.T. -0.000 min
Lab File: 9M23521.D
Acq: 2 Mar 2010 17:50

Tgt Ion: 252 Resp: 5532
Ion Ratio Lower Upper
252 100
253 46.6 0.0 62.4
125 26.4 0.0 60.9



LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23521.D
 Acq On : 2 Mar 2010 17:50
 Operator : AHD
 Sample : AC50034-008(2X)
 Misc : S,BNA:2
 ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23521.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.907	167	172	181	rBV3	15633	32636	0.41%	0.201%
2	3.270	236	240	250	rBV4	16505	45238	0.57%	0.279%
3	3.682	293	317	320	rBV	1998766	7868094	100.00%	48.496%
4	4.014	376	379	393	rVB	94300	103159	1.31%	0.636%
5	4.447	457	460	464	rBV2	13400	12978	0.16%	0.080%
6	4.666	498	501	504	rBV	14404	11547	0.15%	0.071%
7	4.854	531	536	538	rBV	6219	6396	0.08%	0.039%
8	4.977	556	559	569	rBV	104340	111745	1.42%	0.689%
9	5.116	582	585	587	rBV2	7341	6287	0.08%	0.039%
10	5.266	609	613	620	rBV	183664	163085	2.07%	1.005%
11	5.410	637	640	645	rVB5	6029	6432	0.08%	0.040%
12	5.533	660	663	667	rBV5	4939	5902	0.08%	0.036%
13	5.731	697	700	705	rBV	64505	51825	0.66%	0.319%
14	5.913	733	734	738	rVB3	10122	7558	0.10%	0.047%
15	5.961	738	743	746	rBV5	7045	6910	0.09%	0.043%
16	6.004	746	751	753	rBV4	8875	11869	0.15%	0.073%
17	6.020	753	754	759	rVB5	6788	6194	0.08%	0.038%
18	6.089	764	767	769	rBV4	7265	8097	0.10%	0.050%
19	6.111	769	771	775	rVB6	5654	8205	0.10%	0.051%
20	6.191	784	786	789	rBV4	7596	7365	0.09%	0.045%
21	6.260	795	799	801	rBV2	31328	35898	0.46%	0.221%
22	6.287	801	804	809	rVV	295408	278952	3.55%	1.719%
23	6.325	809	811	813	rVV2	23986	20429	0.26%	0.126%
24	6.346	813	815	816	rVV	24272	16617	0.21%	0.102%
25	6.357	816	817	820	rVB3	11901	9088	0.12%	0.056%
26	6.410	824	827	829	rBV3	8910	8228	0.10%	0.051%
27	6.442	829	833	837	rVV5	15970	17310	0.22%	0.107%
28	6.506	837	845	848	rBV9	17444	36205	0.46%	0.223%
29	6.533	848	850	852	rVB3	9861	6068	0.08%	0.037%
30	6.555	852	854	856	rBV3	6723	7363	0.09%	0.045%
31	6.576	856	858	861	rVV4	12382	10260	0.13%	0.063%
32	6.613	863	865	868	rBV3	24331	29793	0.38%	0.184%
33	6.640	868	870	873	rVB	14986	10385	0.13%	0.064%
34	6.672	873	876	877	rBV3	8990	7130	0.09%	0.044%
35	6.694	877	880	882	rBV3	12079	12926	0.16%	0.080%

LSC Area Percent Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23521.D
 Acq On : 2 Mar 2010 17:50
 Operator : AHD
 Sample : AC50034-008(2X)
 Misc : S,BNA:2
 ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	6.731	885	887	889	rBV3	10114	10249	0.13%	0.063%
37	6.806	899	901	905	rVB4	25338	24624	0.31%	0.152%
38	6.843	905	908	910	rBV4	7449	7356	0.09%	0.045%
39	6.892	910	917	920	rBV2	90607	94923	1.21%	0.585%
40	6.918	920	922	925	rVV3	18377	14613	0.19%	0.090%
41	6.945	925	927	928	rVV	17900	9373	0.12%	0.058%
42	6.961	928	930	934	rVV4	15696	16516	0.21%	0.102%
43	6.993	934	936	939	rVB2	19205	13021	0.17%	0.080%
44	7.025	939	942	944	rBV4	17032	13317	0.17%	0.082%
45	7.057	944	948	951	rBV4	46989	41564	0.53%	0.256%
46	7.095	951	955	961	rVB	148655	118548	1.51%	0.731%
47	7.159	964	967	971	rBV5	25042	25230	0.32%	0.156%
48	7.207	971	976	978	rBV4	23204	28875	0.37%	0.178%
49	7.255	981	985	988	rVB2	51616	60369	0.77%	0.372%
50	7.303	988	994	997	rBV	102243	119056	1.51%	0.734%
51	7.325	997	998	1001	rVV3	19832	19754	0.25%	0.122%
52	7.357	1001	1004	1007	rVV	143701	139630	1.77%	0.861%
53	7.389	1007	1010	1013	rVV4	34799	52004	0.66%	0.321%
54	7.416	1013	1015	1017	rVB	42729	27678	0.35%	0.171%
55	7.453	1019	1022	1026	rVB2	59523	59314	0.75%	0.366%
56	7.485	1026	1028	1030	rVB3	10669	6500	0.08%	0.040%
57	7.523	1030	1035	1040	rVB3	60021	56301	0.72%	0.347%
58	7.560	1040	1042	1045	rVB4	29659	17885	0.23%	0.110%
59	7.592	1045	1048	1050	rBV4	14720	14226	0.18%	0.088%
60	7.640	1050	1057	1060	rBV	329904	331938	4.22%	2.046%
61	7.662	1060	1061	1065	rVB4	16985	17370	0.22%	0.107%
62	7.694	1065	1067	1070	rVB4	28204	23833	0.30%	0.147%
63	7.731	1070	1074	1078	rBV3	99418	128349	1.63%	0.791%
64	7.769	1078	1081	1084	rBV4	25464	25288	0.32%	0.156%
65	7.811	1084	1089	1093	rBV3	100360	105568	1.34%	0.651%
66	7.849	1093	1096	1098	rBV2	77279	57462	0.73%	0.354%
67	7.870	1098	1100	1105	rVB6	31528	41213	0.52%	0.254%
68	7.913	1105	1108	1111	rBV	88845	87567	1.11%	0.540%
69	7.940	1111	1113	1119	rVB	64816	60234	0.77%	0.371%
70	7.993	1119	1123	1125	rBV3	71139	91940	1.17%	0.567%
71	8.041	1130	1132	1133	rBV2	15016	8698	0.11%	0.054%
72	8.074	1135	1138	1141	rVB5	37848	38559	0.49%	0.238%
73	8.116	1143	1146	1148	rBV3	62266	58191	0.74%	0.359%
74	8.143	1148	1151	1153	rVV4	33030	33478	0.43%	0.206%
75	8.181	1155	1158	1160	rBV4	30464	22242	0.28%	0.137%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23521.D
 Acq On : 2 Mar 2010 17:50
 Operator : AHD
 Sample : AC50034-008(2X)
 Misc : S,BNA:2
 ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	8.197	1160	1161	1164	rVB3	26618	22571	0.29%	0.139%
77	8.229	1164	1167	1171	rVB4	69491	66857	0.85%	0.412%
78	8.266	1171	1174	1175	rBV3	33642	30824	0.39%	0.190%
79	8.314	1180	1183	1184	rBV3	21163	20068	0.26%	0.124%
80	8.346	1184	1189	1193	rVV5	144009	176938	2.25%	1.091%
81	8.384	1193	1196	1201	rVB5	46452	67362	0.86%	0.415%
82	8.432	1202	1205	1206	rBV2	18876	16719	0.21%	0.103%
83	8.469	1210	1212	1214	rBV3	58367	56345	0.72%	0.347%
84	8.544	1223	1226	1228	rBV2	37372	32033	0.41%	0.197%
85	8.646	1241	1245	1247	rBV3	34943	37970	0.48%	0.234%
86	8.673	1247	1250	1252	rBV2	65467	58124	0.74%	0.358%
87	8.758	1263	1266	1268	rBV4	19850	21579	0.27%	0.133%
88	8.790	1268	1272	1280	rVB10	44661	89183	1.13%	0.550%
89	8.844	1280	1282	1284	rBV3	21518	19810	0.25%	0.122%
90	8.892	1288	1291	1294	rBV4	29625	31344	0.40%	0.193%
91	8.961	1301	1304	1310	rVB2	66044	81928	1.04%	0.505%
92	9.036	1314	1318	1321	rBV	287640	272417	3.46%	1.679%
93	9.063	1321	1323	1325	rVB	22217	17579	0.22%	0.108%
94	9.117	1331	1333	1335	rVB3	26420	21803	0.28%	0.134%
95	9.165	1338	1342	1345	rBV3	47525	70442	0.90%	0.434%
96	9.293	1363	1366	1369	rBV5	21649	26684	0.34%	0.164%
97	9.389	1380	1384	1387	rBV2	88804	102428	1.30%	0.631%
98	9.421	1387	1390	1392	rBV4	28887	32684	0.42%	0.201%
99	9.480	1397	1401	1405	rBV	59311	77484	0.98%	0.478%
100	9.577	1416	1419	1422	rBV2	81629	93530	1.19%	0.576%
101	9.609	1422	1425	1429	rVB	82107	80228	1.02%	0.494%
102	9.662	1433	1435	1438	rBV4	25859	24857	0.32%	0.153%
103	9.694	1438	1441	1444	rBV2	75309	97201	1.24%	0.599%
104	9.844	1466	1469	1475	rVB5	55283	65493	0.83%	0.404%
105	9.903	1478	1480	1483	rBV3	33327	36813	0.47%	0.227%
106	9.967	1490	1492	1495	rVB4	48883	41852	0.53%	0.258%
107	9.988	1495	1496	1500	rVV4	38534	39630	0.50%	0.244%
108	10.020	1500	1502	1506	rVV3	37477	42989	0.55%	0.265%
109	10.053	1506	1508	1510	rVV3	39780	38533	0.49%	0.238%
110	10.079	1510	1513	1517	rVV2	120929	140216	1.78%	0.864%
111	10.117	1517	1520	1523	rVV	81530	90916	1.16%	0.560%
112	10.143	1523	1525	1529	rVB2	50097	45255	0.58%	0.279%
113	10.202	1532	1536	1539	rBV	131981	154444	1.96%	0.952%
114	10.234	1539	1542	1546	rVV2	63059	84488	1.07%	0.521%

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23521.D
 Acq On : 2 Mar 2010 17:50
 Operator : AHD
 Sample : AC50034-008(2X)
 Misc : S,BNA:2
 ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	10.266	1546	1548	1551	rVB2	49575	41699	0.53%	0.257%
116	10.299	1551	1554	1558	rVB3	71167	90235	1.15%	0.556%
117	10.341	1558	1562	1564	rBV2	65159	64549	0.82%	0.398%
118	10.400	1570	1573	1576	rBV5	22893	34698	0.44%	0.214%
119	10.438	1576	1580	1584	rVB4	78549	94889	1.21%	0.585%
120	10.518	1593	1595	1597	rVB3	20544	15586	0.20%	0.096%
121	10.561	1600	1603	1607	rBV4	36044	60068	0.76%	0.370%
122	10.593	1607	1609	1612	rVB3	51553	48054	0.61%	0.296%
123	10.625	1612	1615	1619	rBV2	77907	89845	1.14%	0.554%
124	10.673	1622	1624	1629	rVB	66694	72925	0.93%	0.449%
125	10.721	1629	1633	1640	rBV2	106589	153884	1.96%	0.948%
126	10.780	1641	1644	1647	rVV3	41206	44506	0.57%	0.274%
127	10.823	1647	1652	1659	rVB2	166311	196076	2.49%	1.209%
128	10.973	1677	1680	1684	rBV6	27578	39717	0.50%	0.245%
129	11.021	1684	1689	1696	rVB10	45569	83992	1.07%	0.518%
130	11.144	1709	1712	1714	rBV3	62517	66699	0.85%	0.411%
131	11.165	1714	1716	1722	rVB6	59303	66001	0.84%	0.407%
132	11.245	1728	1731	1734	rBV2	60208	58687	0.75%	0.362%
133	11.283	1735	1738	1740	rBV2	35999	34577	0.44%	0.213%
134	11.336	1745	1748	1749	rBV3	36566	31388	0.40%	0.193%
135	11.438	1765	1767	1770	rBV4	16269	15834	0.20%	0.098%
136	11.465	1770	1772	1778	rVB7	19499	25309	0.32%	0.156%
137	11.582	1792	1794	1797	rBV4	21908	15208	0.19%	0.094%
138	11.604	1797	1798	1800	rVB2	19662	10248	0.13%	0.063%
139	11.673	1809	1811	1814	rBV4	21314	18121	0.23%	0.112%
140	11.748	1821	1825	1826	rBV3	26812	27693	0.35%	0.171%
141	11.871	1846	1848	1853	rVB6	26077	30585	0.39%	0.189%
142	11.909	1853	1855	1859	rVB5	19016	17840	0.23%	0.110%
143	11.983	1865	1869	1871	rBV5	41748	47879	0.61%	0.295%
144	12.053	1877	1882	1886	rBV	179283	214942	2.73%	1.325%
145	12.165	1899	1903	1906	rBV6	37227	53338	0.68%	0.329%
146	12.401	1945	1947	1950	rBV4	17546	18996	0.24%	0.117%
147	12.529	1969	1971	1974	rVB3	31233	25217	0.32%	0.155%
148	12.566	1975	1978	1981	rVB5	26656	25326	0.32%	0.156%
149	12.941	2043	2048	2056	rBV5	34248	84068	1.07%	0.518%
150	13.358	2124	2126	2131	rVB5	42033	44511	0.57%	0.274%
151	13.417	2135	2137	2141	rBV4	20982	22280	0.28%	0.137%
152	13.652	2177	2181	2189	rVB	198649	257732	3.28%	1.589%
153	13.973	2239	2241	2245	rVB5	32390	32897	0.42%	0.203%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 3 % of largest Peak
Max Peaks: 100
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

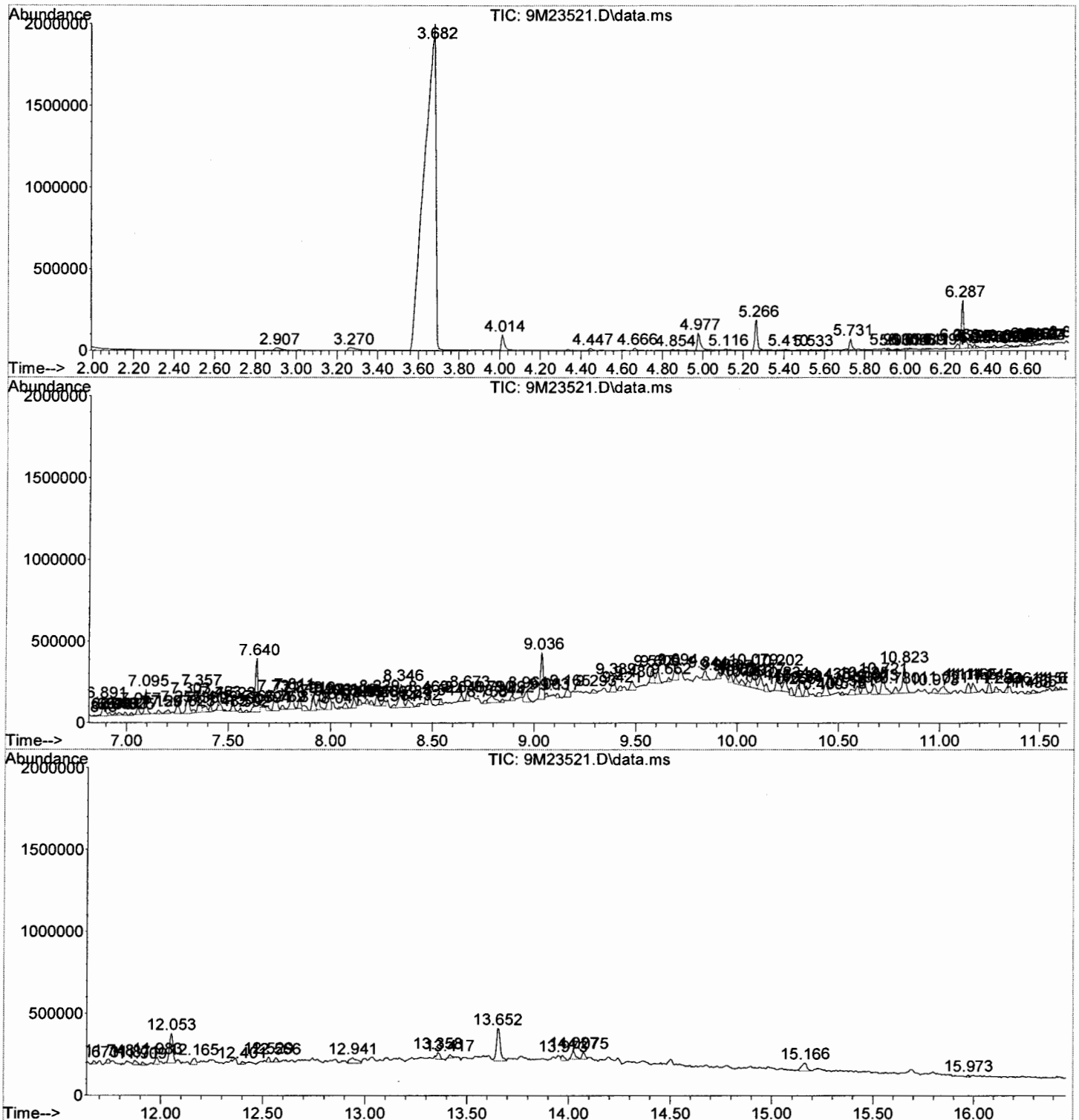
154	14.027	2247	2251	2257	rVB9	45532	62423	0.79%	0.385%
155	14.075	2257	2260	2263	rBV5	41975	46477	0.59%	0.286%
156	15.166	2458	2464	2471	rVB10	50174	90967	1.16%	0.561%
157	15.973	2613	2615	2617	rVB3	12992	9545	0.12%	0.059%

Sum of corrected areas: 16224162

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

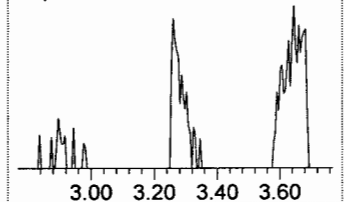
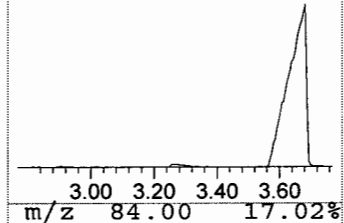
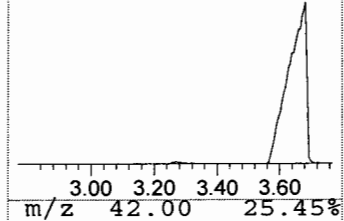
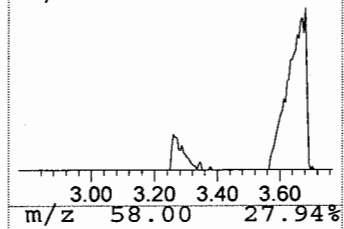
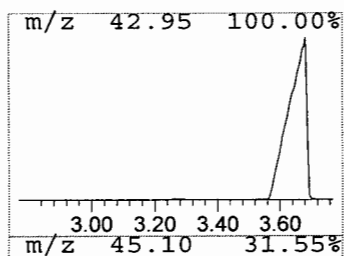
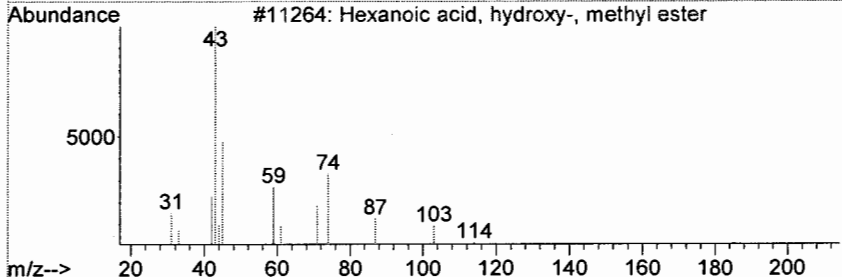
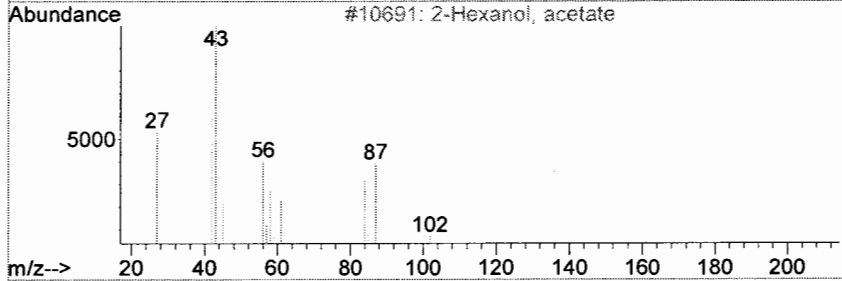
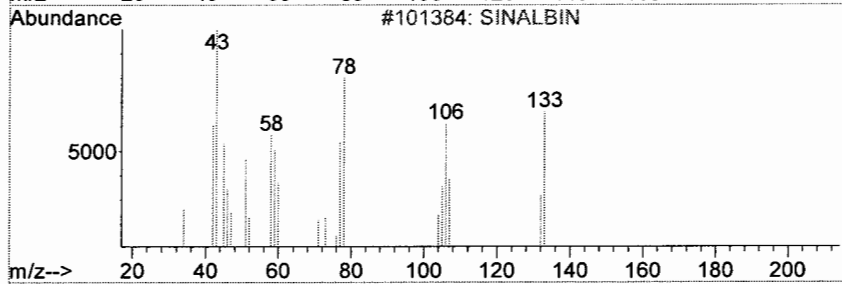
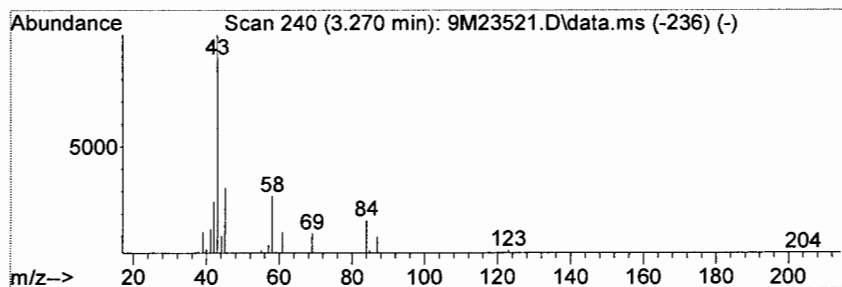
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 1 unknown Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	11.06 ng	45238	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			SINALBIN	424	C14H18NO10S2	027299-07-6	32
2			2-Hexanol, acetate	144	C8H16O2	005953-49-1	25
3			Hexanoic acid, hydroxy-, methyl ...	146	C7H14O3	059942-11-9	23
4			Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	12
5			Butane	58	C4H10	000106-97-8	9



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

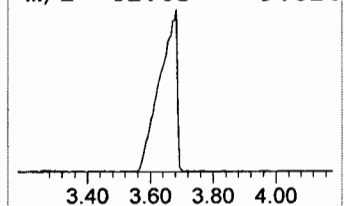
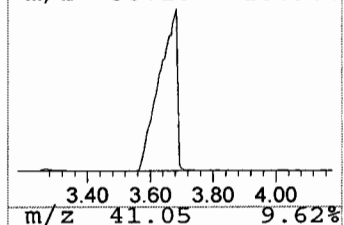
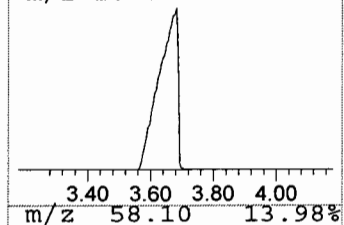
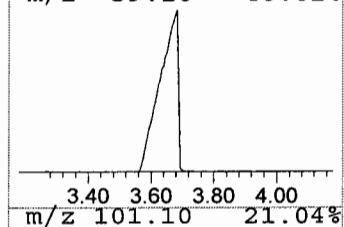
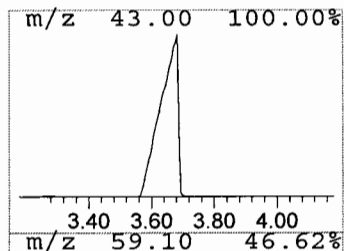
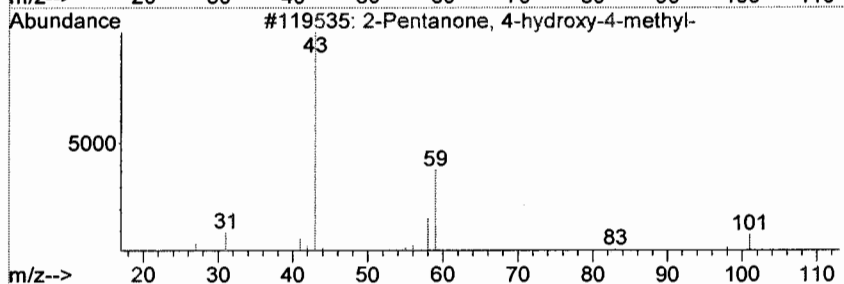
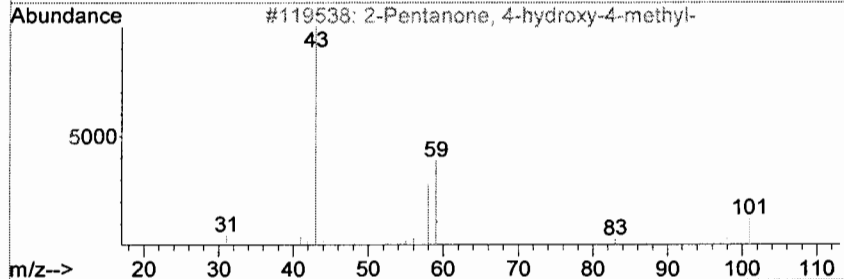
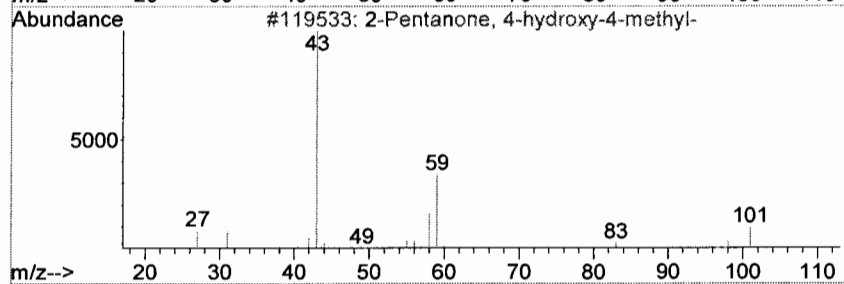
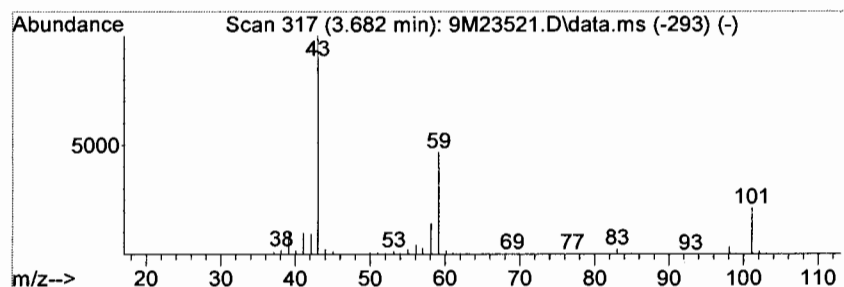
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.68	1924.27 ng	7868094	LibIS-1,4-Dichlorobenzene-d4	5.27

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	50
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	43
5			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

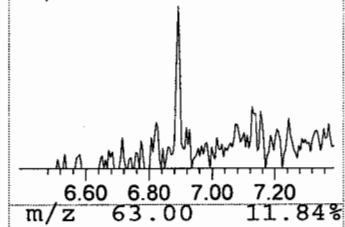
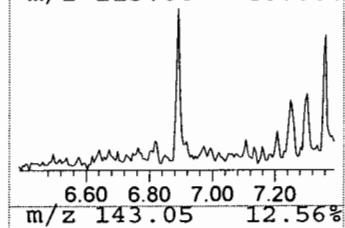
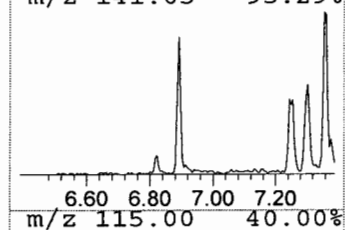
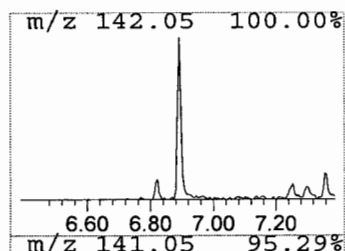
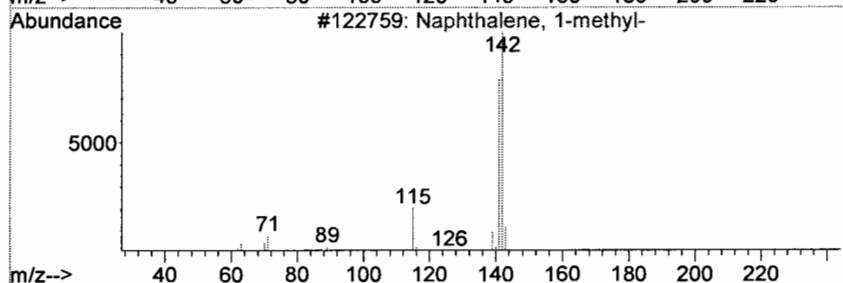
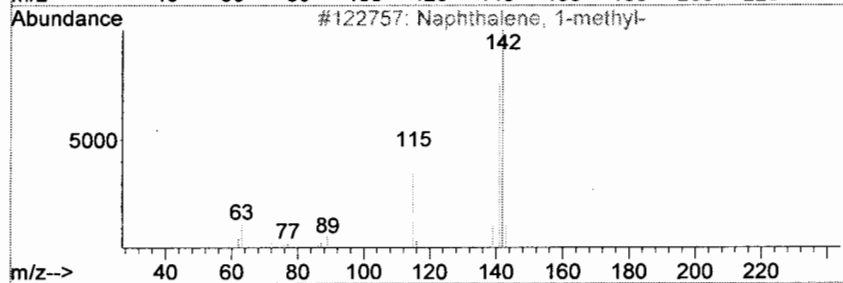
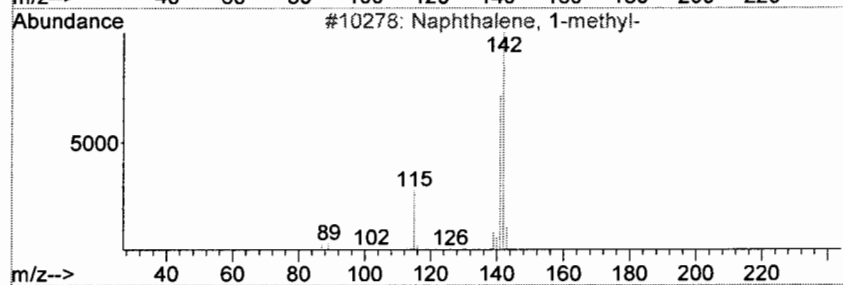
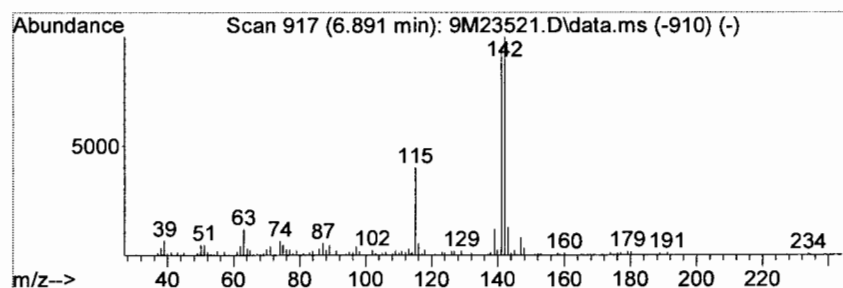
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	11.21 ng	94923	LibIS-Naphthalene-d8	6.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

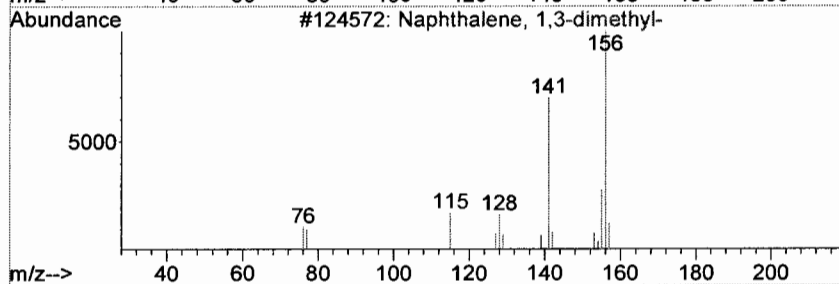
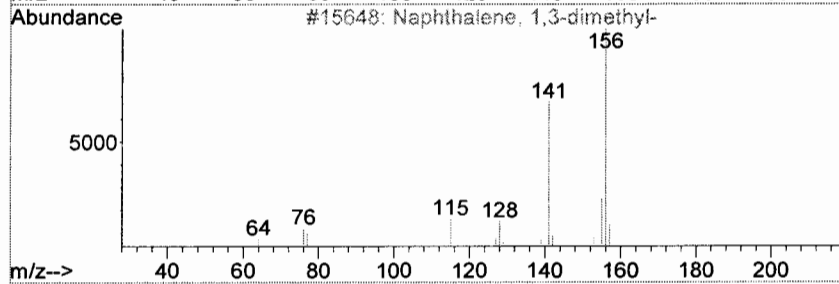
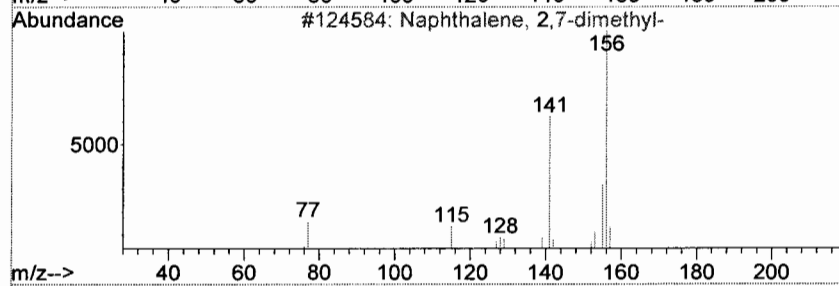
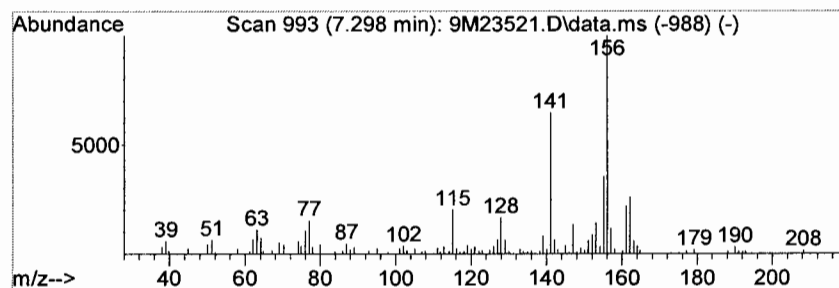
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

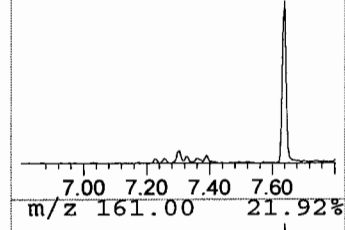
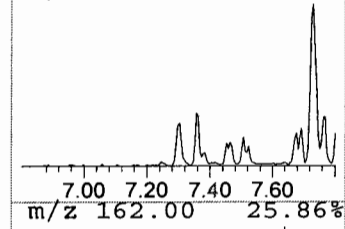
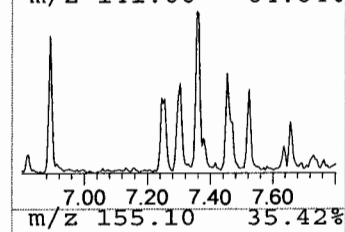
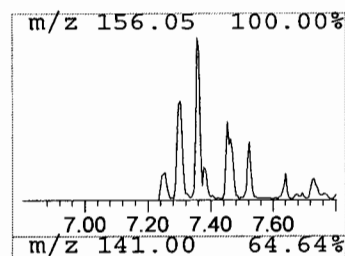
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	12.04 ng	119056	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	89
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	76
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	68



9M_0301.M Thu Mar 04 18:09:12 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

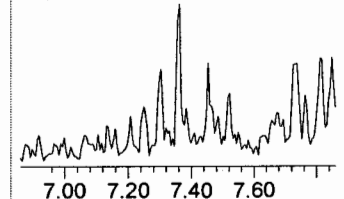
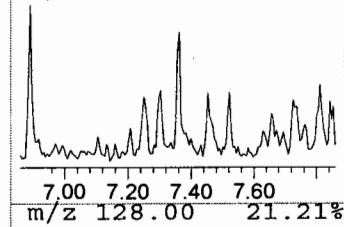
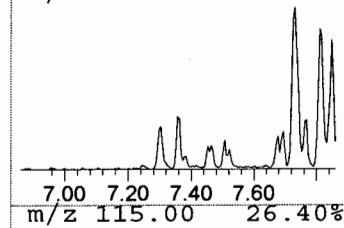
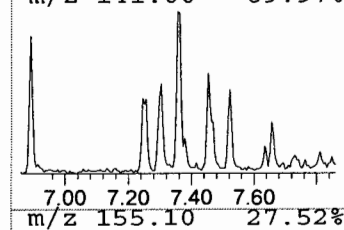
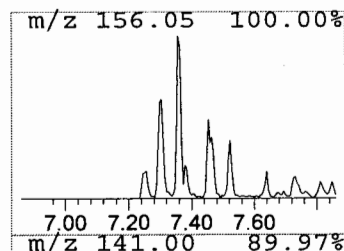
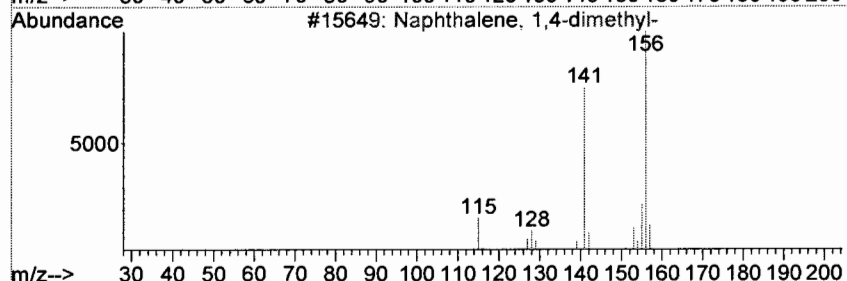
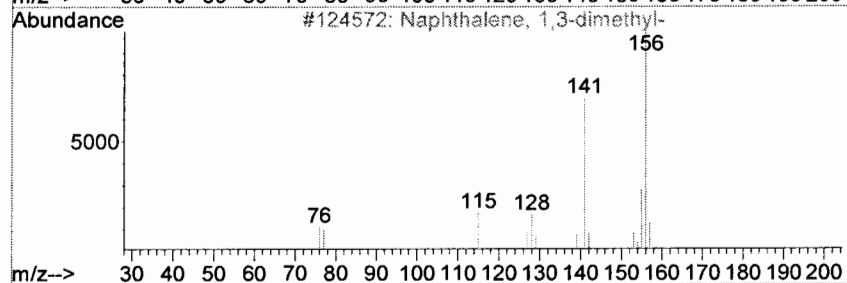
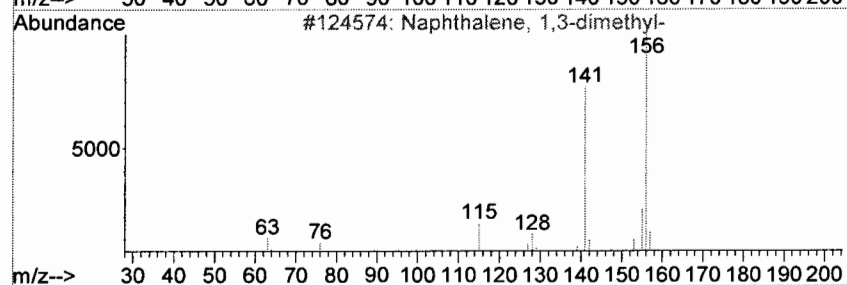
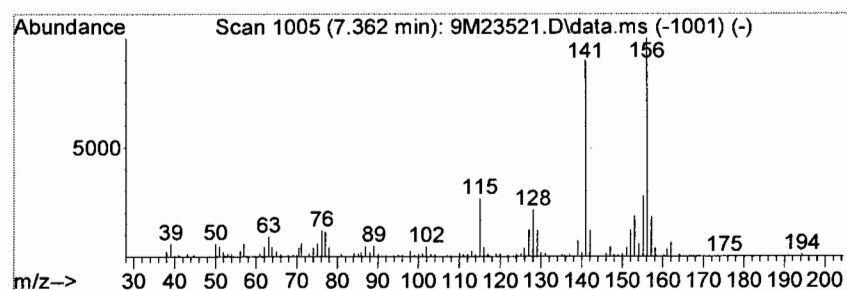
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	14.12 ng	139630	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

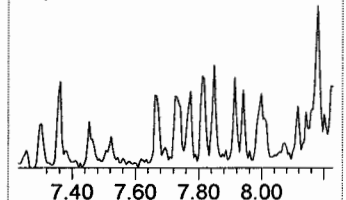
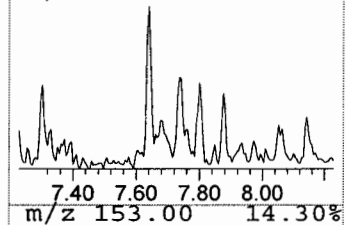
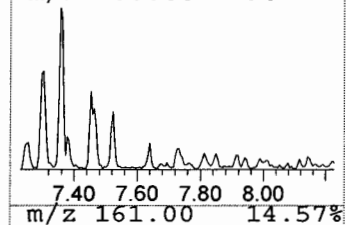
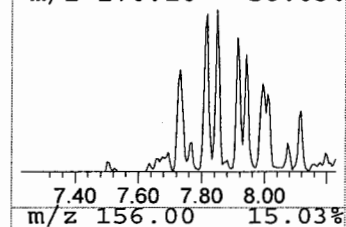
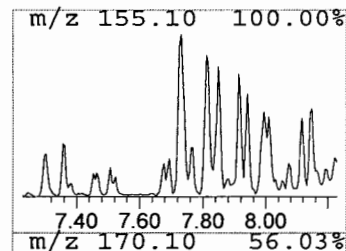
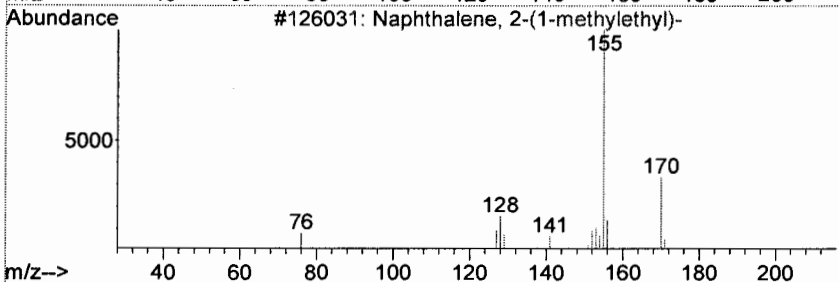
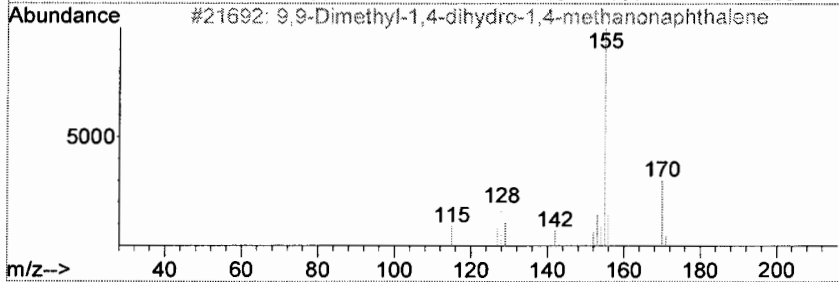
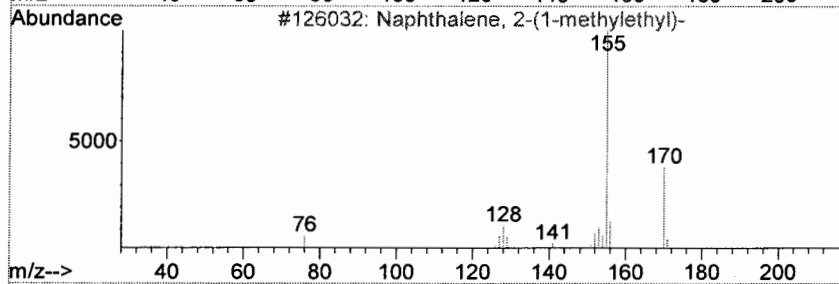
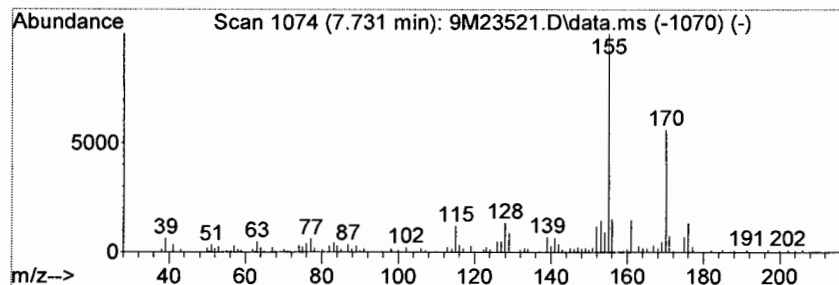
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	12.98 ng	128349	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2			9,9-Dimethyl-1,4-dihydro-1,4-met...	170	C13H14	018242-86-9	91
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

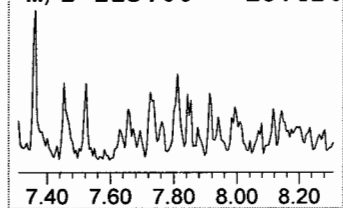
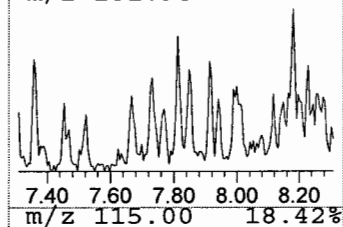
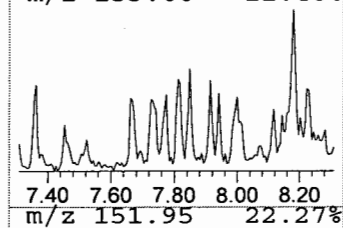
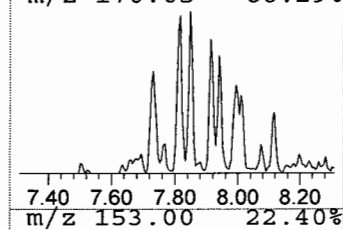
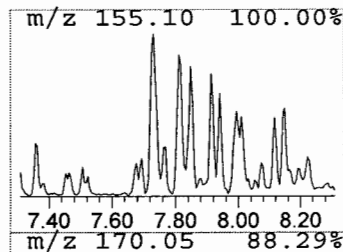
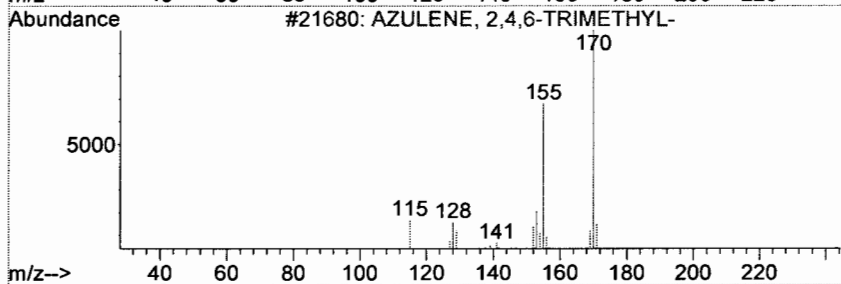
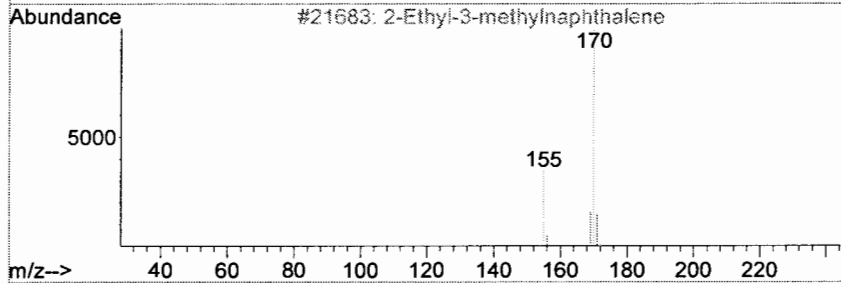
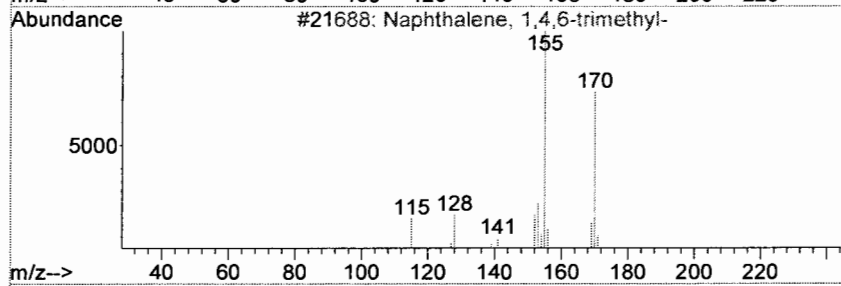
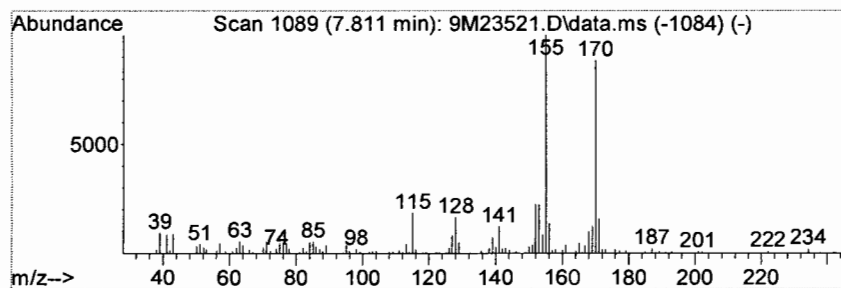
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	10.67 ng	105568	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			2-Ethyl-3-methylnaphthalene	170	C13H14	031032-94-7	90
3			AZULENE, 2,4,6-TRIMETHYL-	170	C13H14	000000-00-0	89
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	80



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

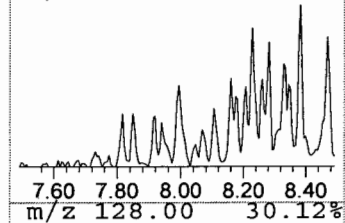
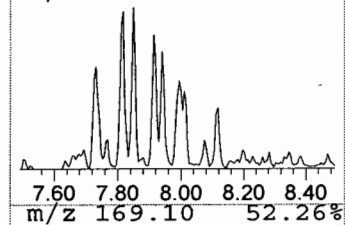
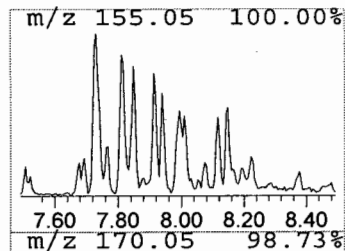
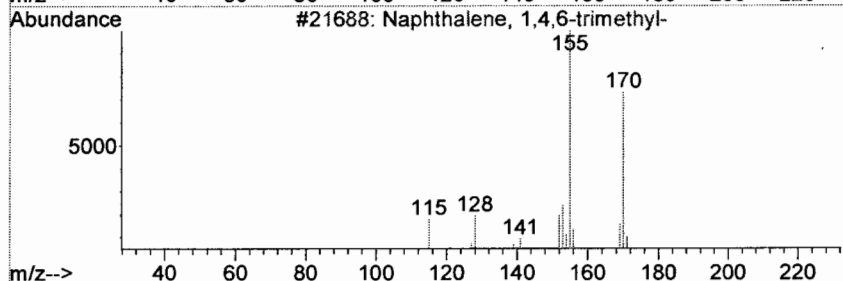
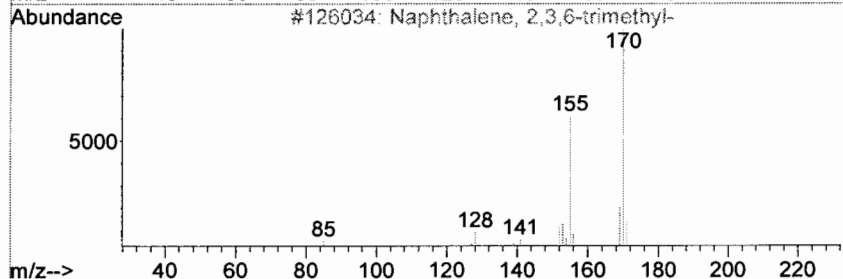
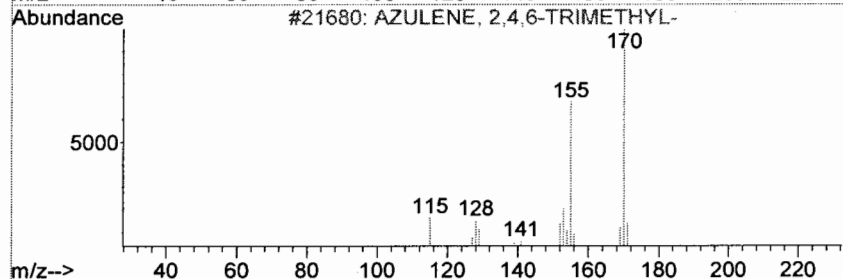
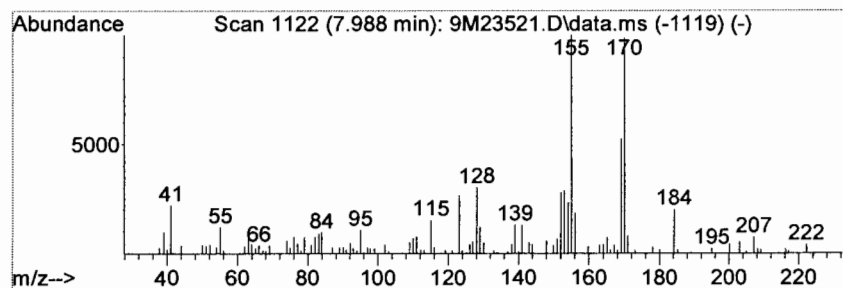
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	9.30 ng	91940	LibIS-Acenaphthene-d10	7.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			AZULENE, 2,4,6-TRIMETHYL-	170	C13H14	000000-00-0	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4			1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	87
5			1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	87



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

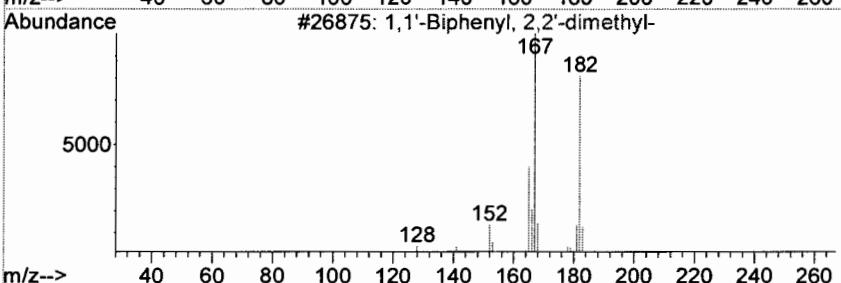
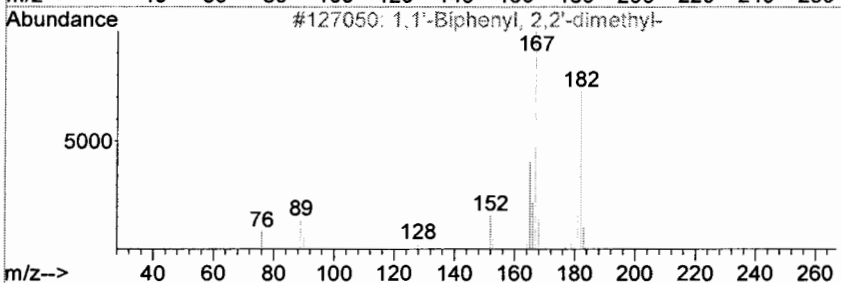
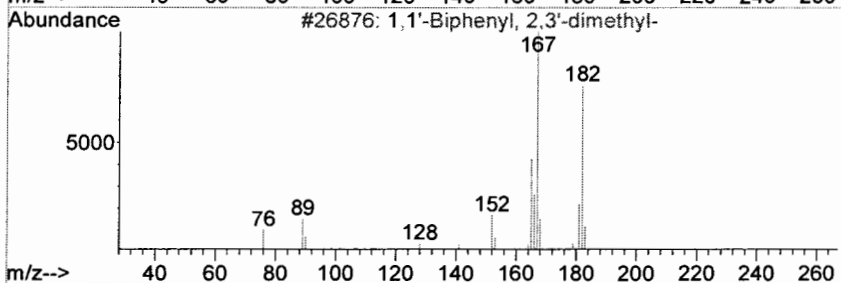
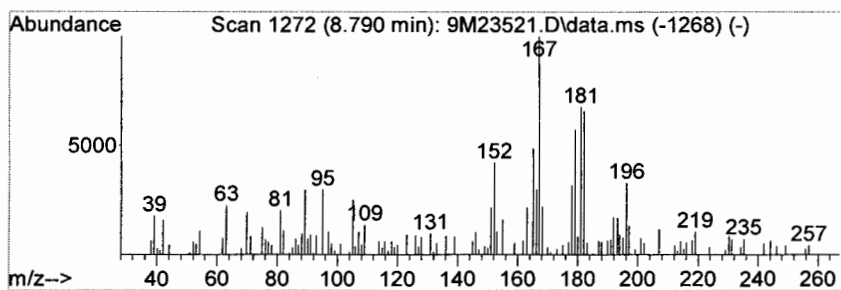
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TIC Integration Parameters: LSCINT.P

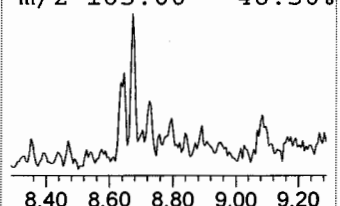
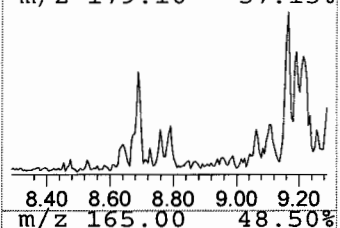
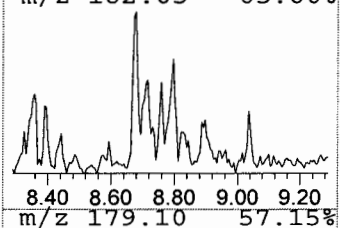
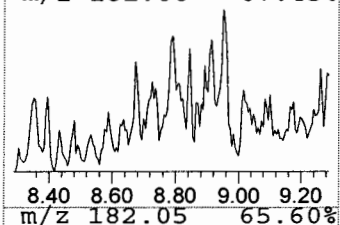
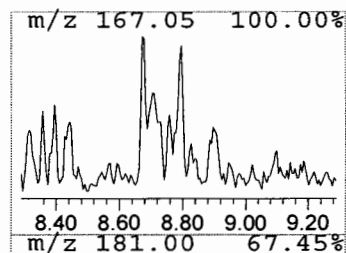
Peak Number 9 unknown Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	9.41 ng	89183	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	46
2			1,1'-Biphenyl, 2,2'-dimethyl-	182	C14H14	000605-39-0	45
3			1,1'-Biphenyl, 2,2'-dimethyl-	182	C14H14	000605-39-0	43
4			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	43
5			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	43



9M_0301.M Thu Mar 04 18:09:22 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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ALS Vial : 24 Sample Multiplier: 1

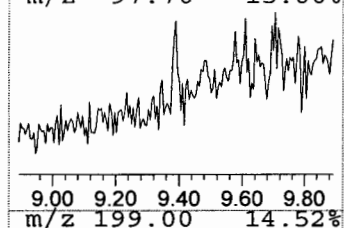
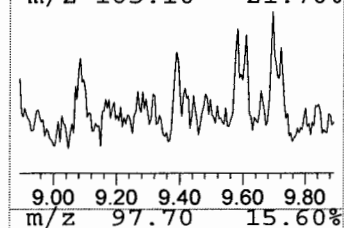
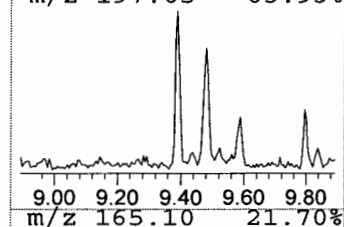
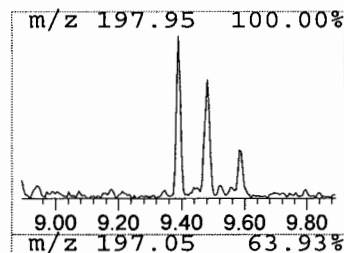
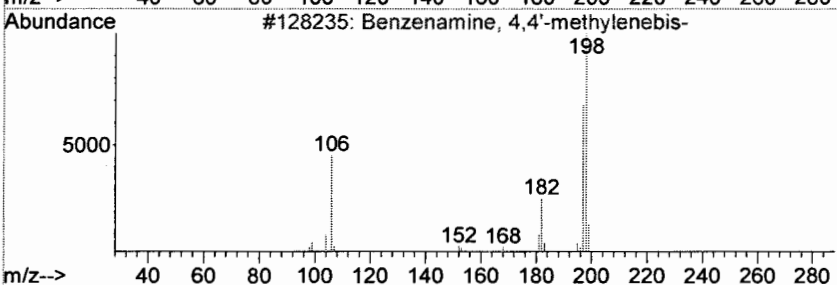
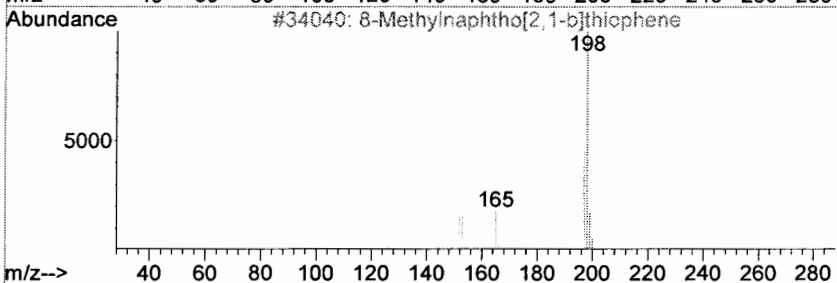
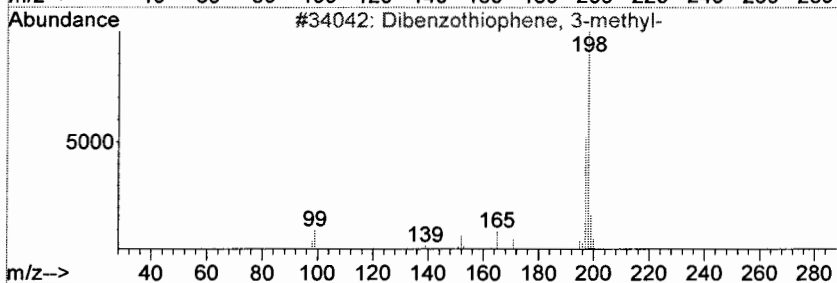
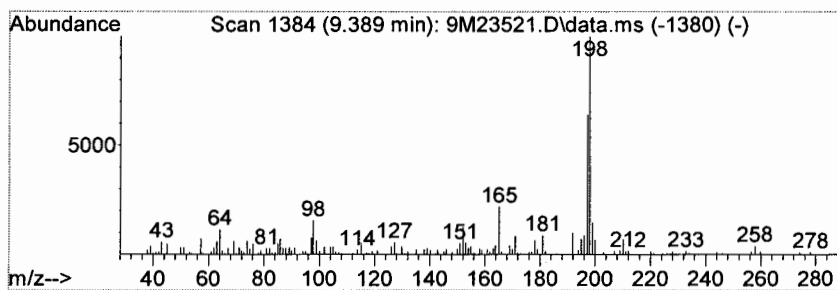
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 10 Dibenzothiophene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	10.81 ng	102428	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
2			8-Methylnaphtho[2,1-b]thiophene	198	C13H10S	004567-36-6	80
3			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	68
4			METHYLDIBENZOTHIOPHENE	198	C13H10S	030995-64-3	64
5			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	62



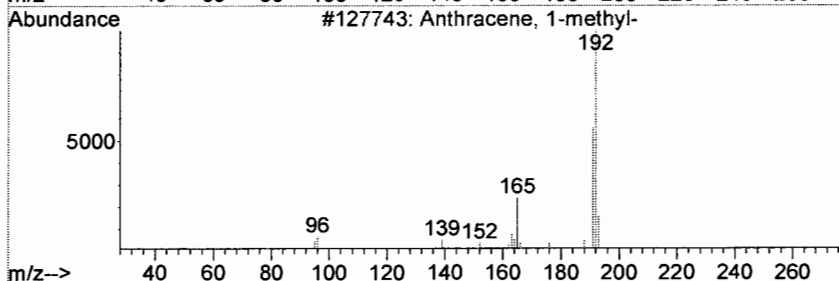
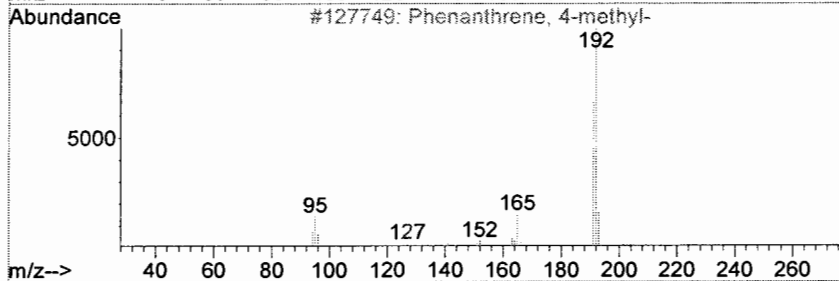
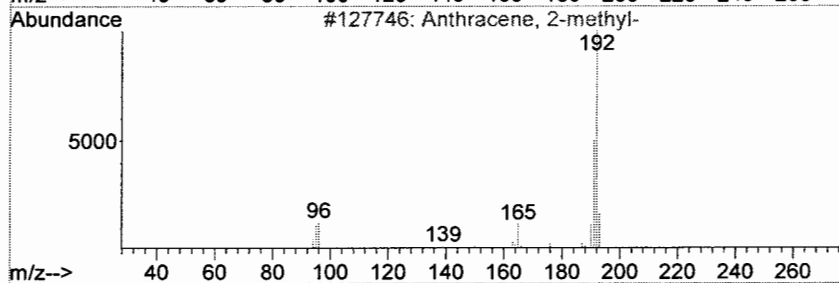
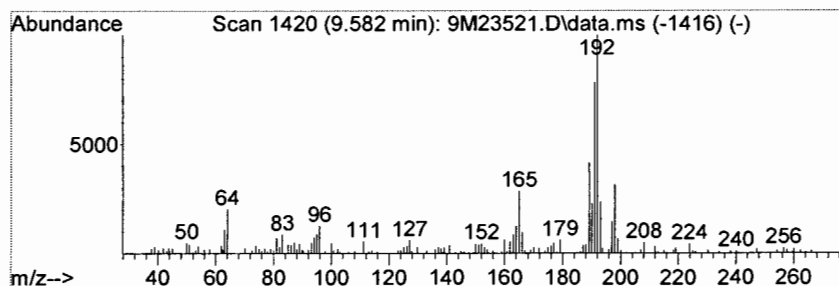
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Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

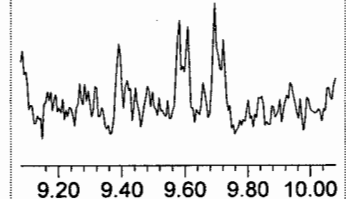
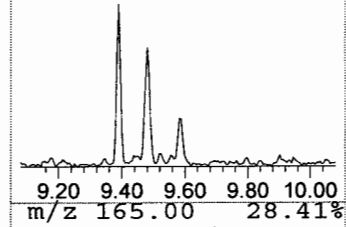
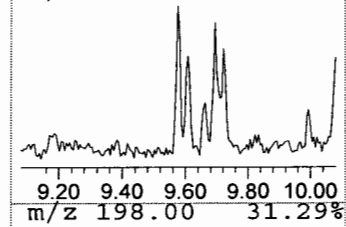
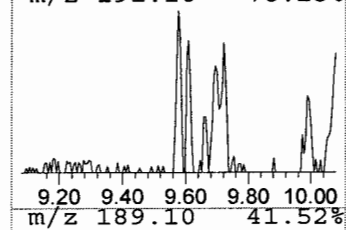
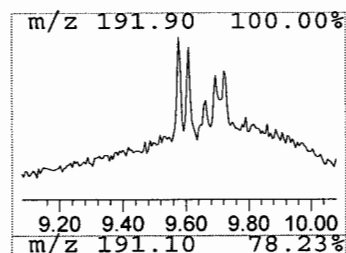
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.58	9.87 ng	93530	LibIS-Phenanthrene-d10		9.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70



9M_0301.M Thu Mar 04 18:09:26 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

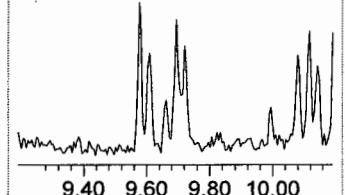
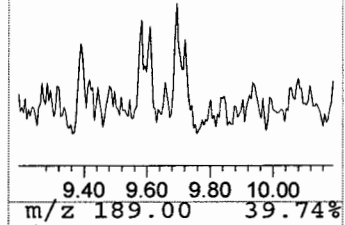
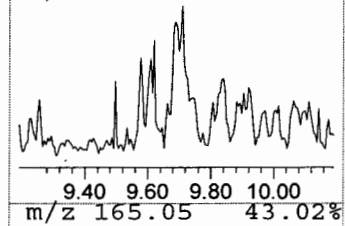
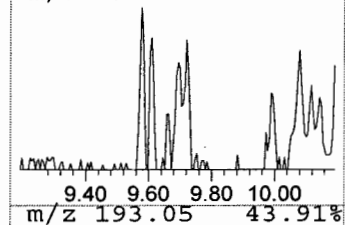
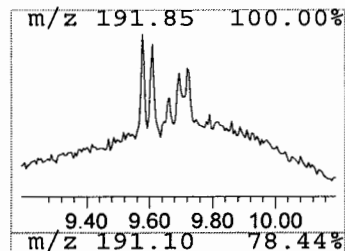
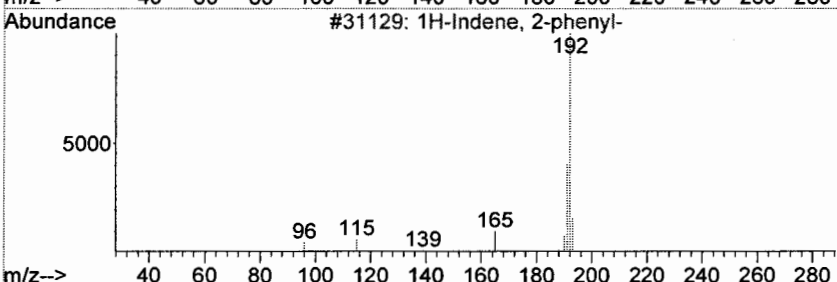
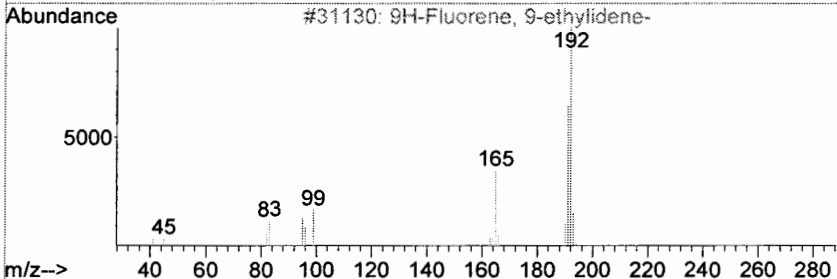
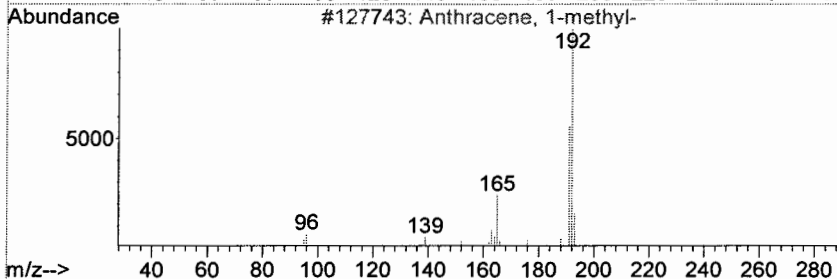
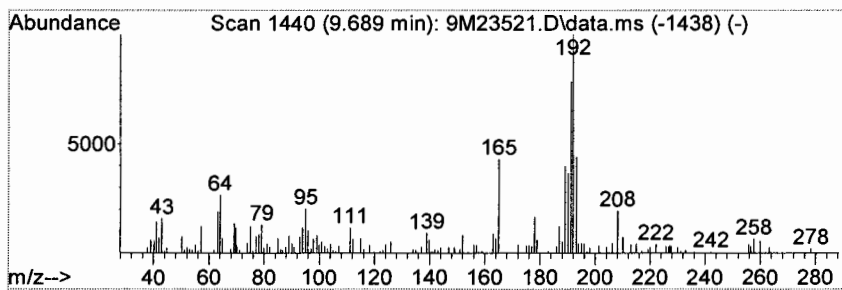
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	10.26 ng	97201	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
2			9H-Fluorene, 9-ethylidene-	192	C15H12	007151-64-6	52
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	49
5			Dihydro-1H-trindenenes	192	C15H12	073255-13-7	47



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

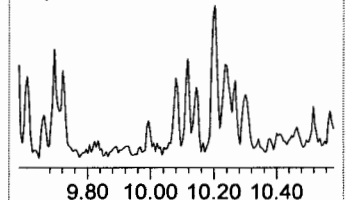
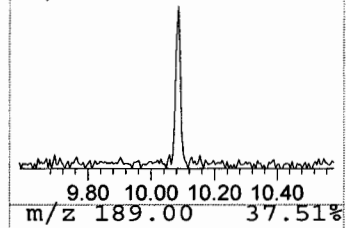
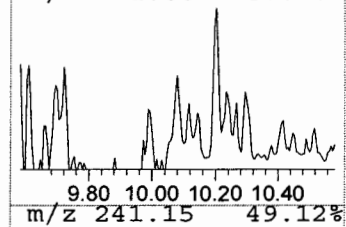
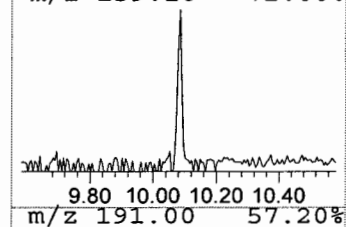
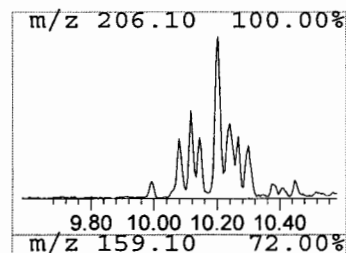
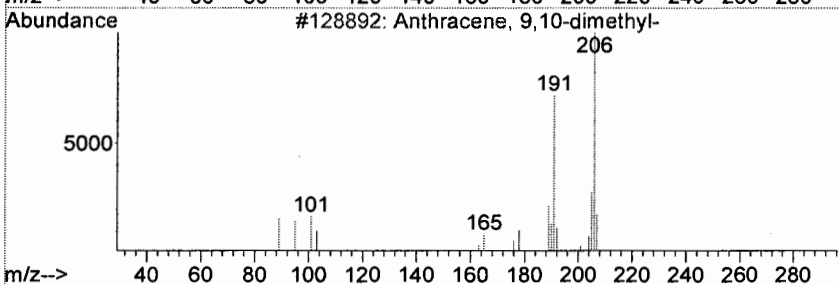
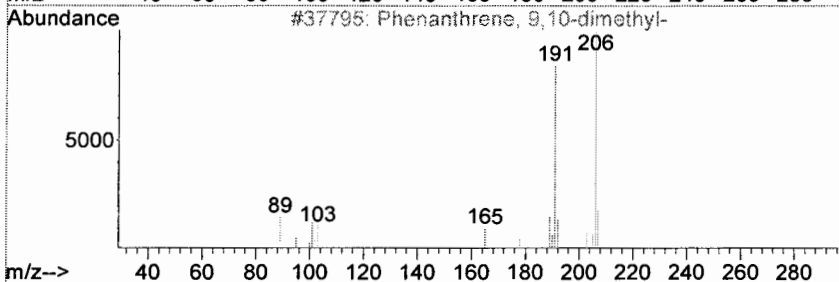
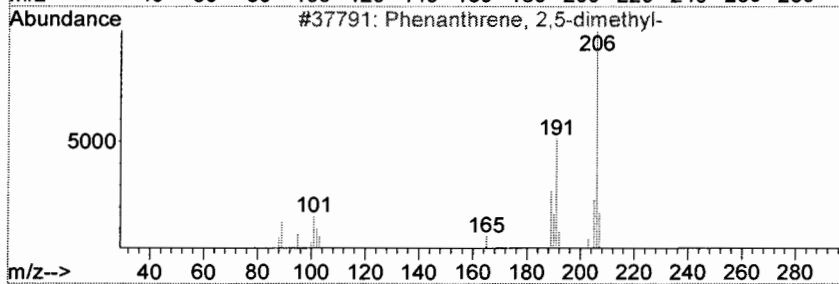
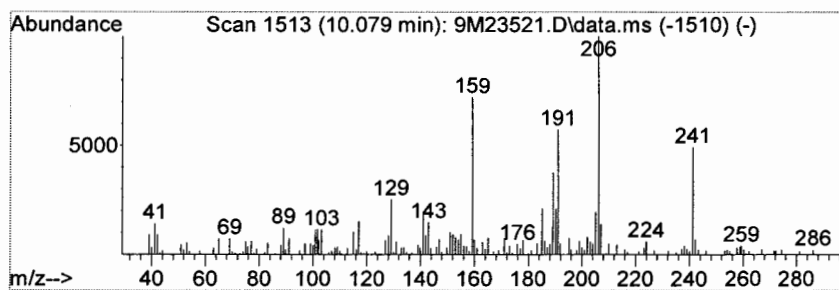
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	14.79 ng	140216	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
2			Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	46
3			Anthracene, 9,10-dimethyl-	206	C16H14	000781-43-1	43
4			SYN-1(6),8(13)-DIMETHANO-[14]ANN...	206	C16H14	000000-00-0	43
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	43



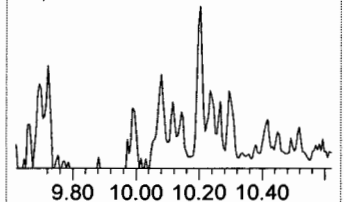
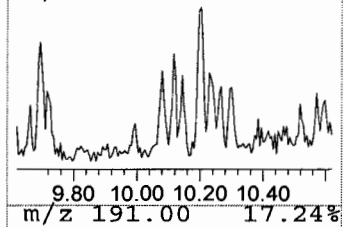
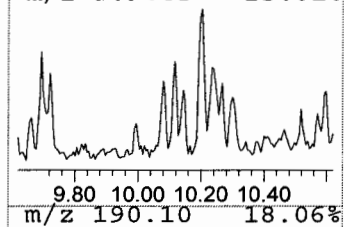
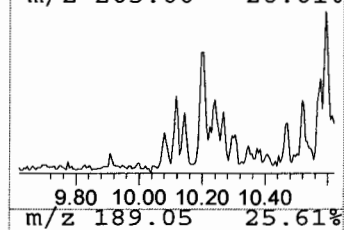
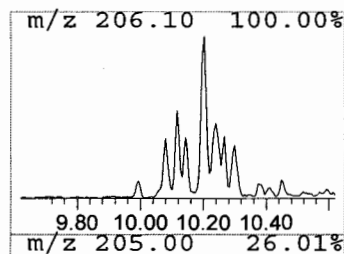
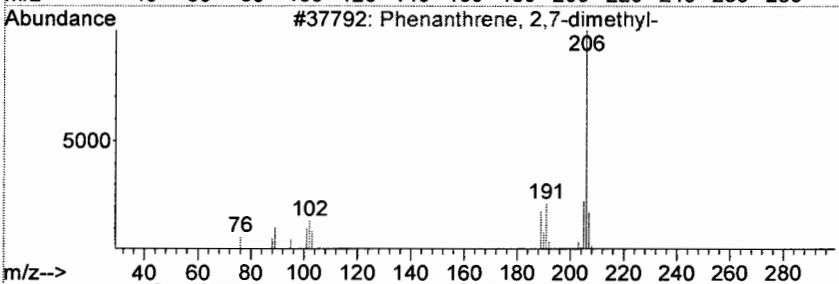
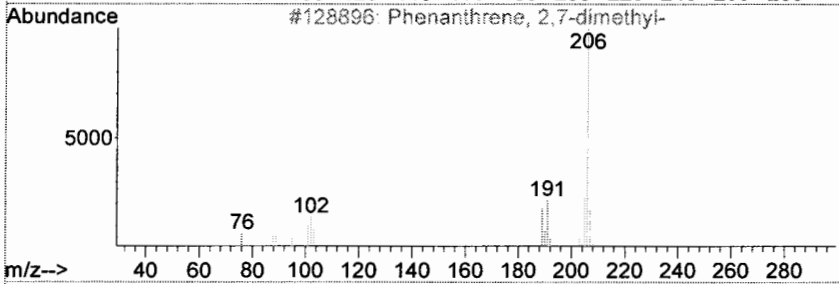
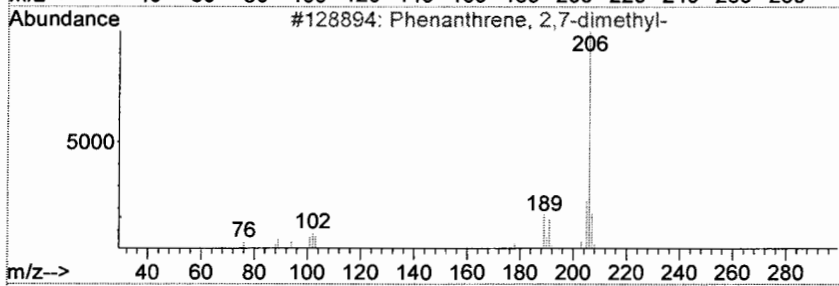
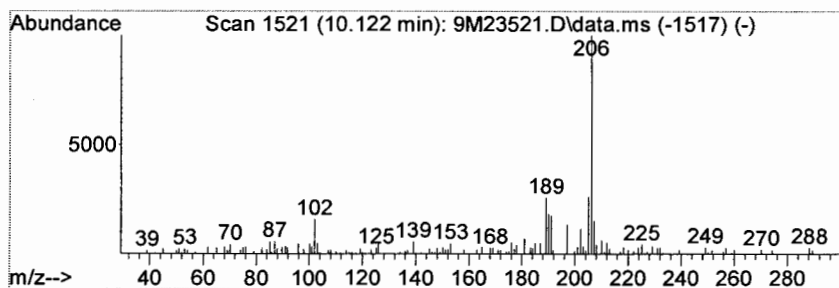
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Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

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 Phenanthrene, 2,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.12	9.59 ng	90916	LibIS-Phenanthrene-d10		9.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	72



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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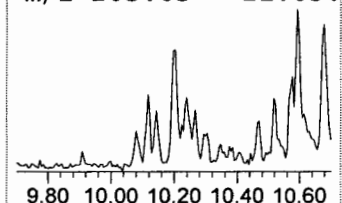
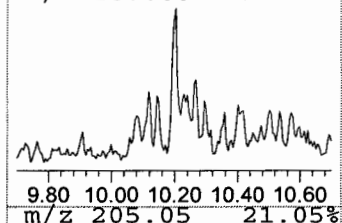
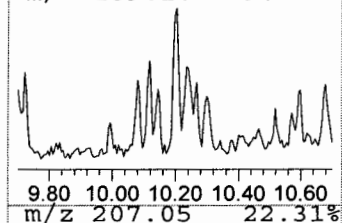
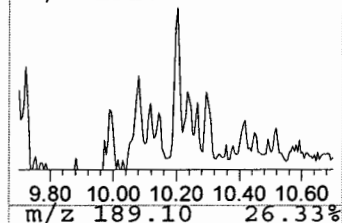
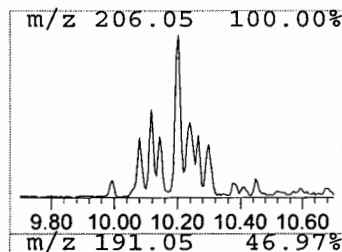
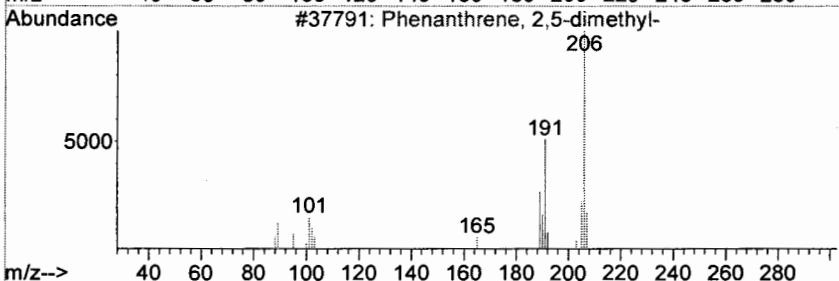
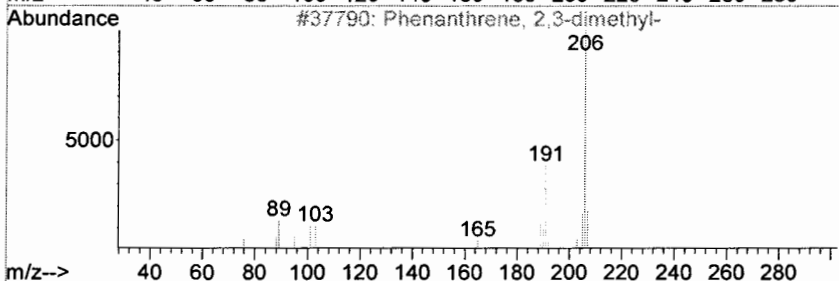
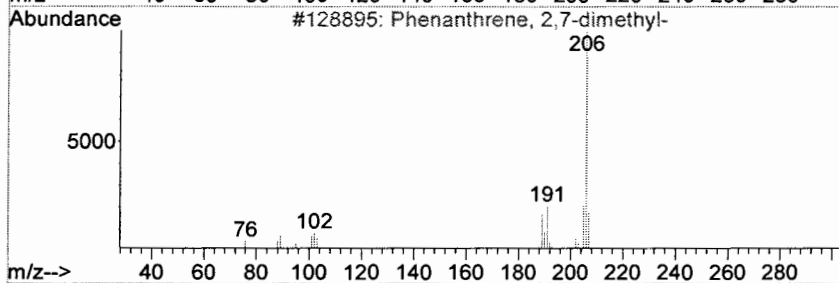
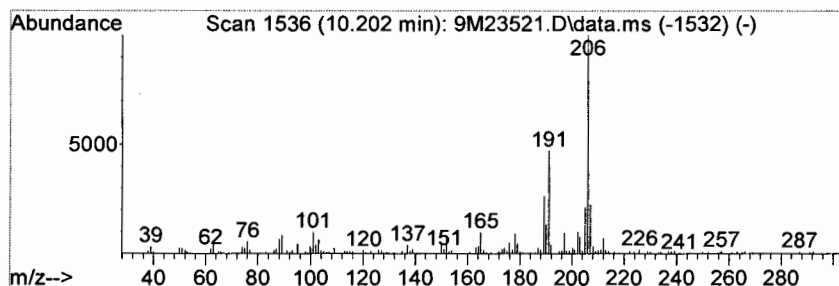
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 15 Phenanthrene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	16.30 ng	154444	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
5			(+)-3,3,7-Trimethyltricyclo[5.4...	206	C14H22O	038647-26-6	86



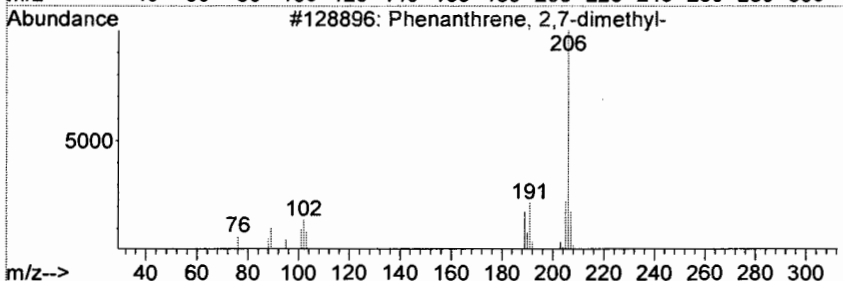
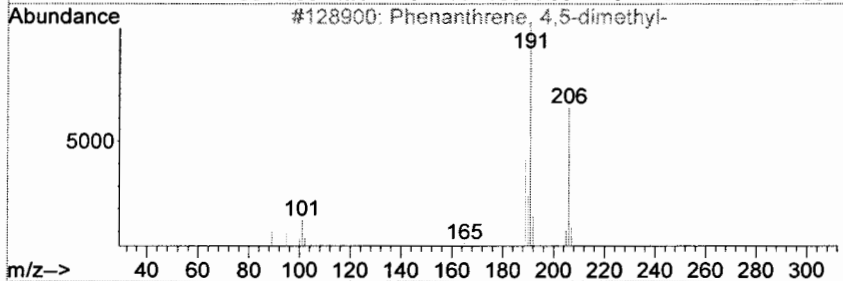
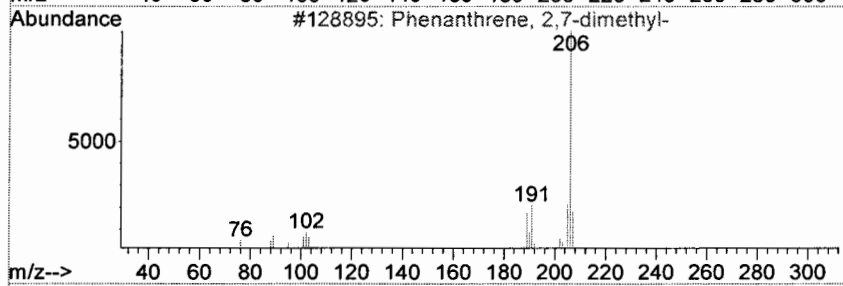
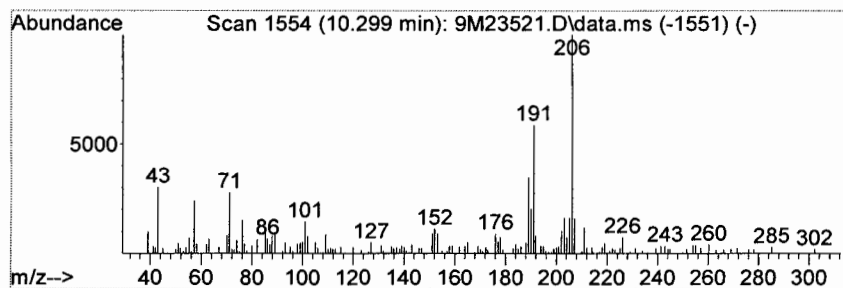
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Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

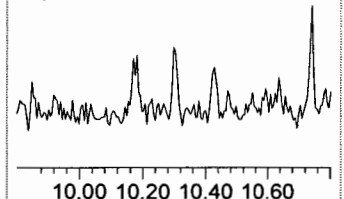
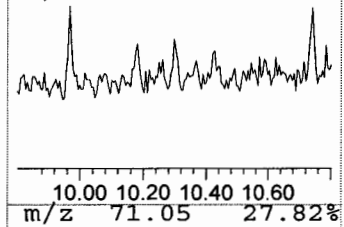
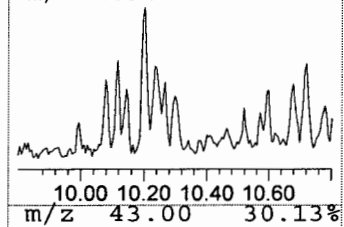
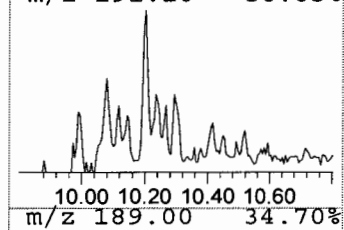
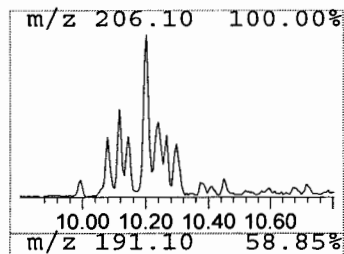
TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 2,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	9.52 ng	90235	LibIS-Phenanthrene-d10	9.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	80
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72



9M_0301.M Thu Mar 04 18:09:36 2010 RPT1



Library Search Compound Report

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
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 Sample : AC50034-008(2X)
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 ALS Vial : 24 Sample Multiplier: 1

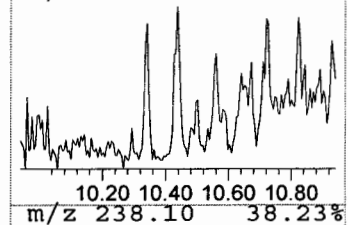
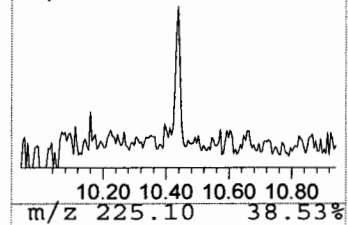
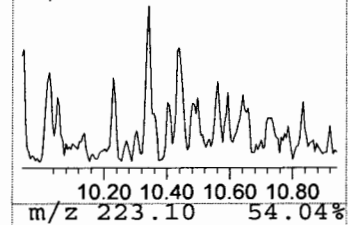
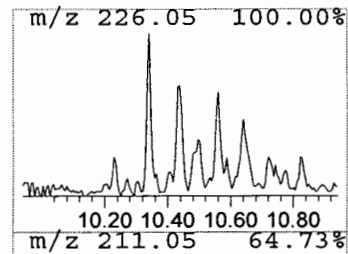
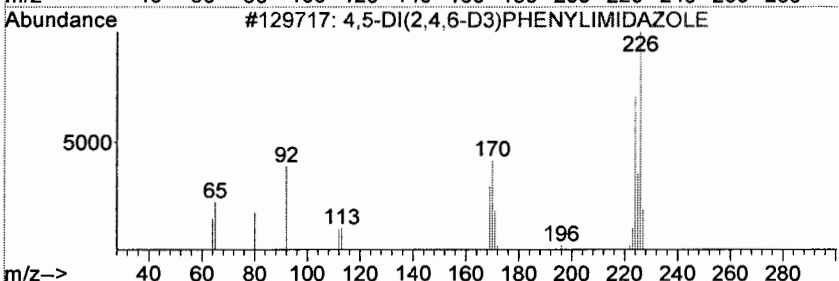
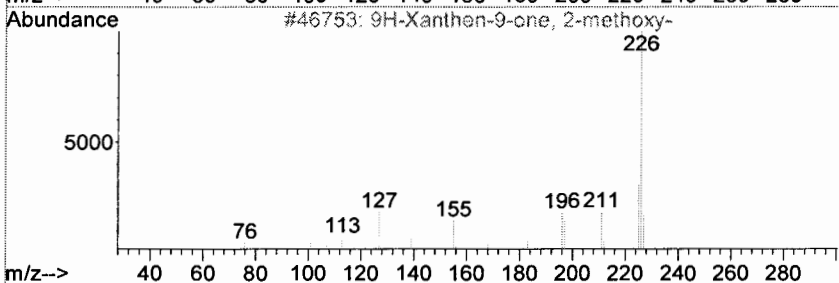
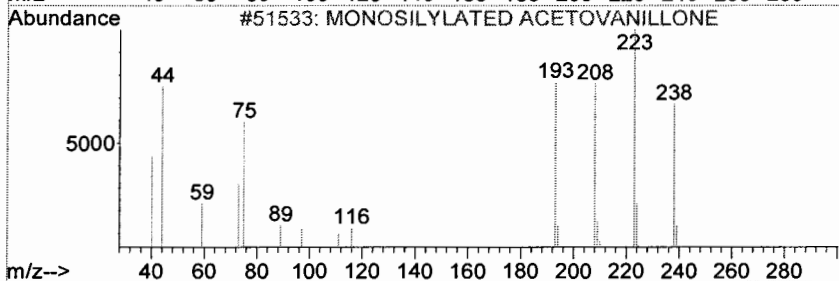
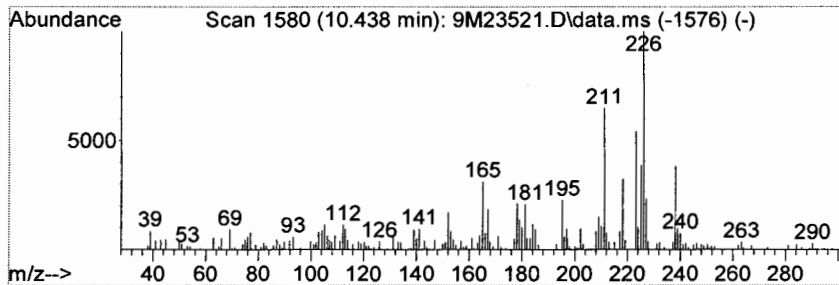
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 Quant Title : @GCMS_9,mg,625,8270

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

 Peak Number 17 unknown Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	10.01 ng	94889	LibIS-Phenanthrene-d10	9.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			MONOSILYLATED ACETOVANILLONE	238	C12H18O3Si	000000-00-0	53
2			9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	46
3			4,5-DI(2,4,6-D3)PHENYLIMIDAZOLE	220	C15H6D6N2	019865-66-8	38
4			Monomethylated Harmine	226	C14H14N2O	000000-00-0	38
5			Ferrocenyldimethylborane	226	C12H15BFe	061649-69-2	38



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

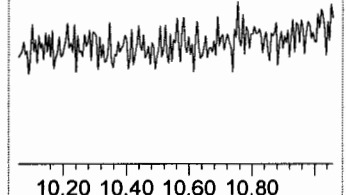
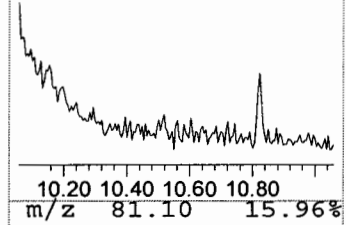
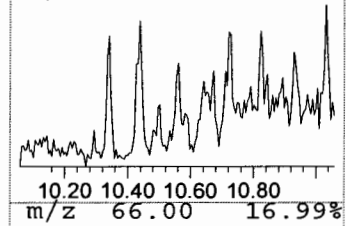
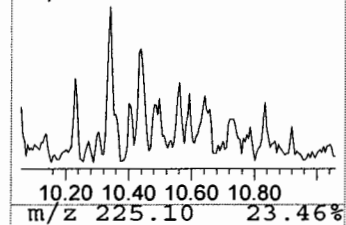
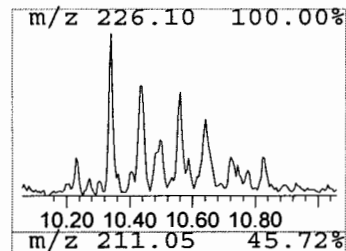
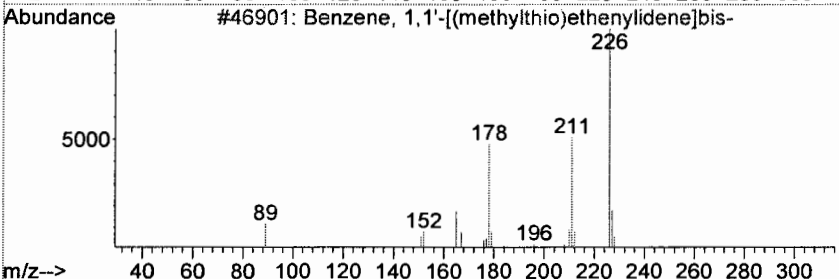
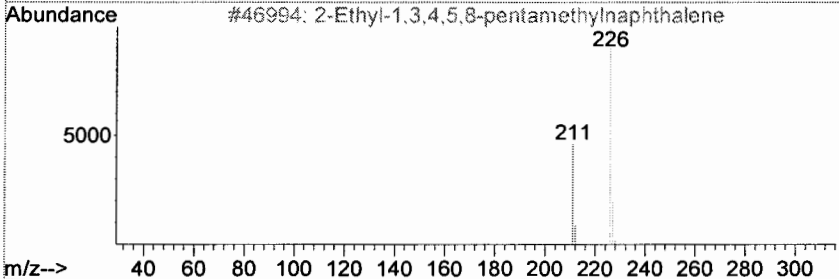
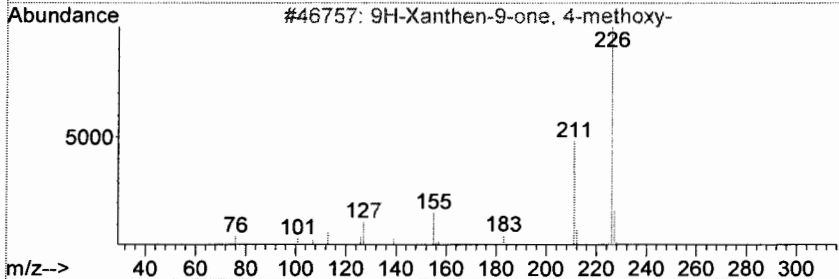
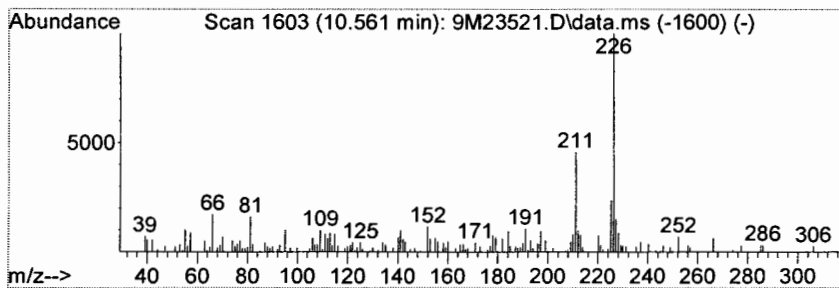
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 18 9H-Xanthen-9-one, 4-methoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	10.10 ng	60068	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	64
2			2-Ethyl-1,3,4,5,8-pentamethylnap...	226	C17H22	071185-29-0	59
3			Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	53
4			Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	53
5			1-ETHYL-4-METHOXY-9H-PYRIDO[3,4-...	226	C14H14N2O	026585-14-8	50



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

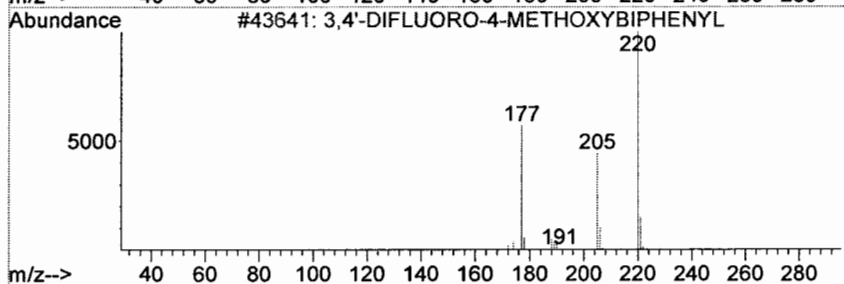
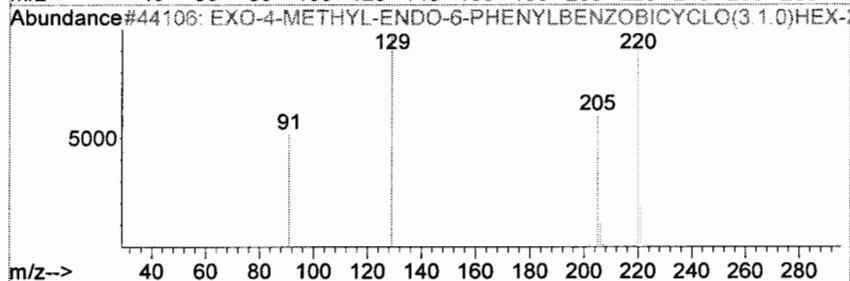
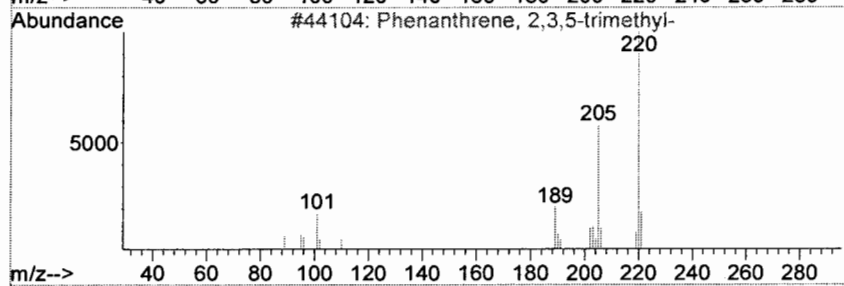
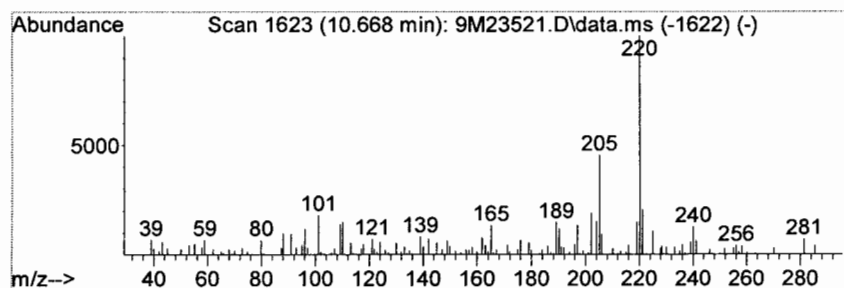
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

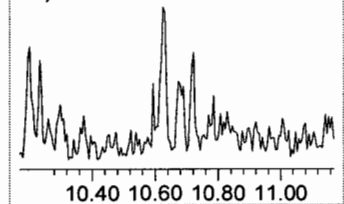
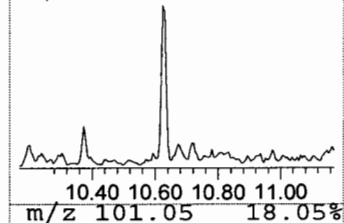
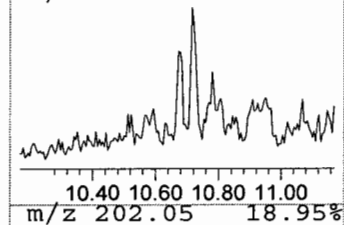
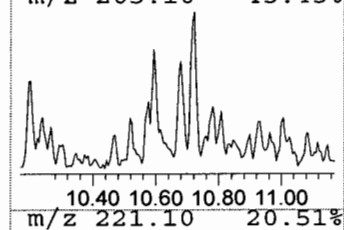
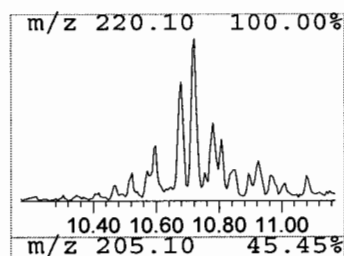
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	12.27 ng	72925	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2			EXO-4-METHYL-ENDO-6-PHENYLBENZOB...	220	C17H16	067457-01-6	58
3			3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	58
4			(+)-2,3-Dihydro-4,5-dimethoxy-3...	220	C13H16O3	077028-42-3	53
5			5-Hydroxy-6-methoxy-4,8-dimethyl...	220	C13H16O3	062192-87-4	53



9M_0301.M Thu Mar 04 18:09:42 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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ALS Vial : 24 Sample Multiplier: 1

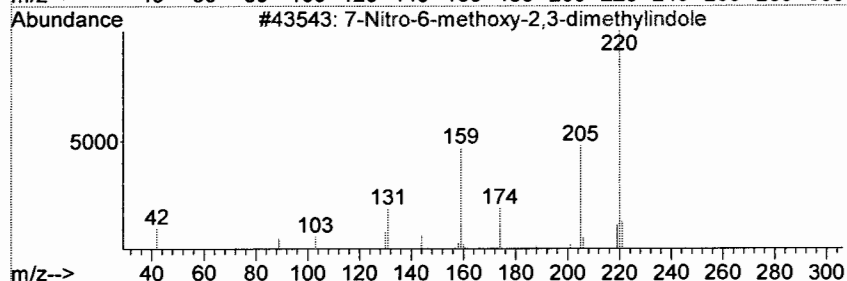
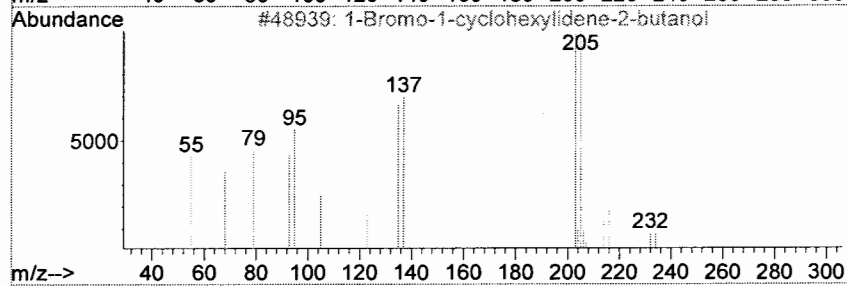
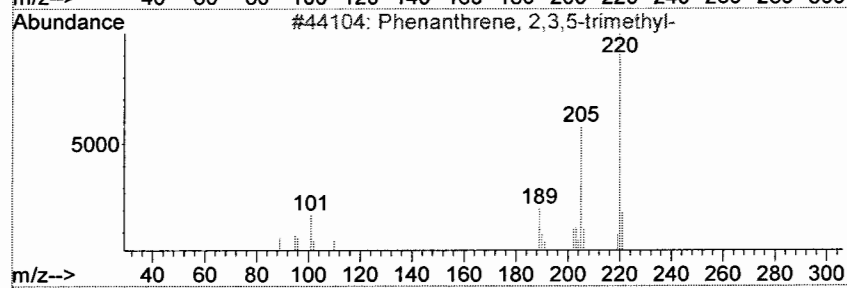
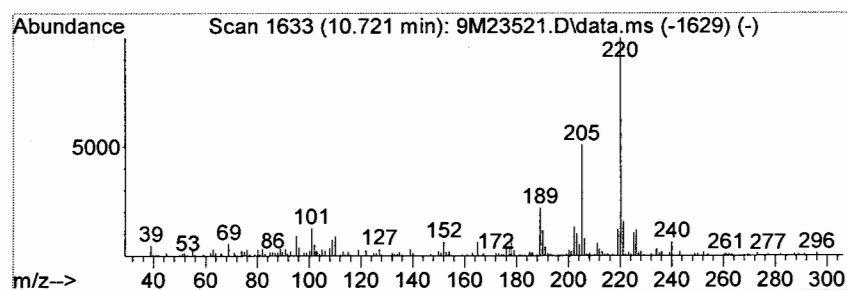
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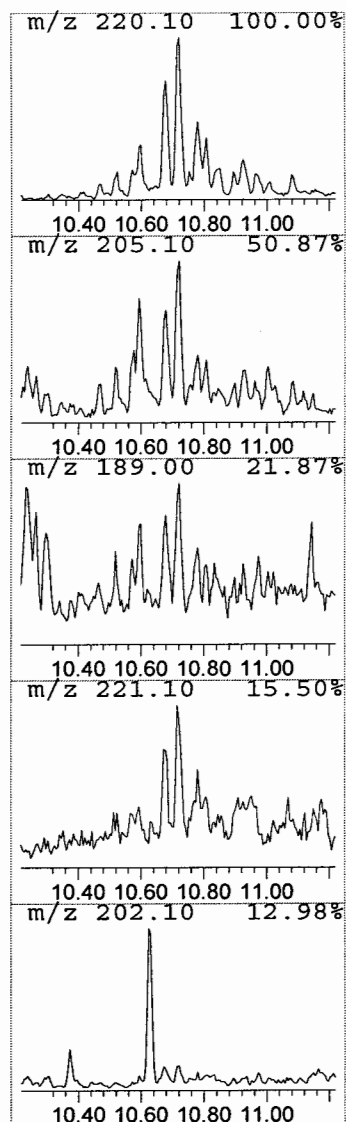
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	25.88 ng	153884	LibIS-Chrysene-d12	12.05

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2		1-Bromo-1-cyclohexylidene-2-butanol	232	C10H17BrO	090598-25-7	56
3		7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	53
4		3,4'-DIFLUORO-4-METHOXYBIPHENYL	220	C13H10F2O	000000-00-0	50
5		Naphthalene, 1,4-bis(methylthio)-	220	C12H12S2	010075-73-7	50



9M_0301.M Thu Mar 04 18:09:44 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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ALS Vial : 24 Sample Multiplier: 1

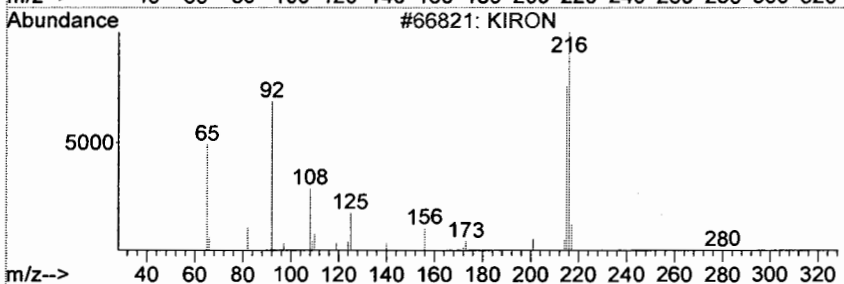
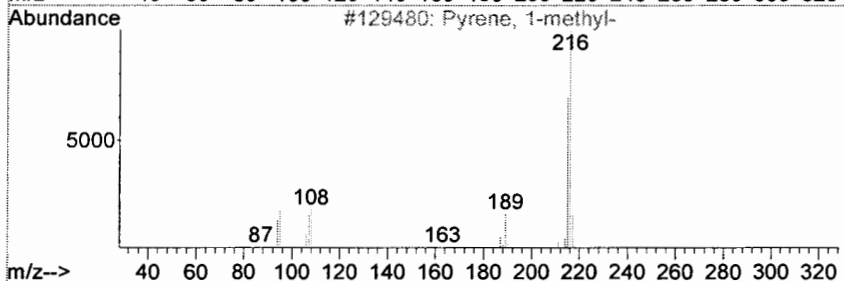
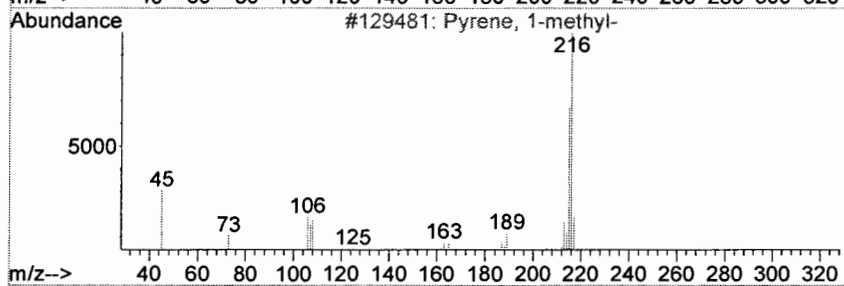
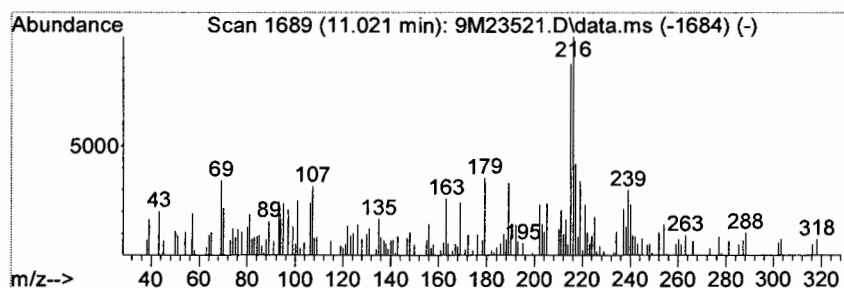
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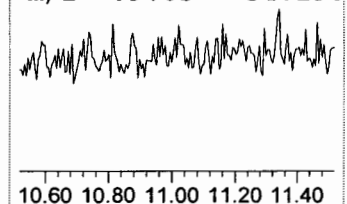
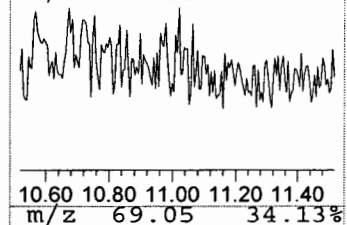
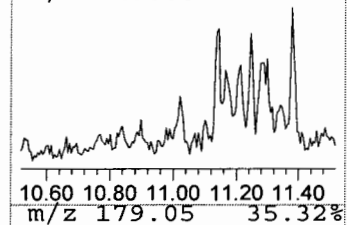
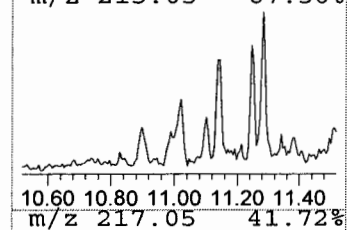
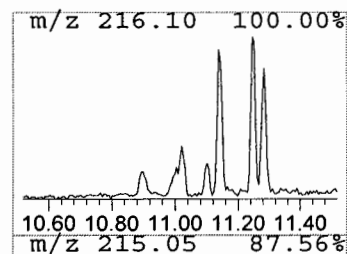
Peak Number 21 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	14.13 ng	83992	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	49
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	43
3			KIRON	280	C11H12N4O3S	000000-00-0	37
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	37
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	37



9M_0301.M Thu Mar 04 18:09:46 2010 RPT1



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
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ALS Vial : 24 Sample Multiplier: 1

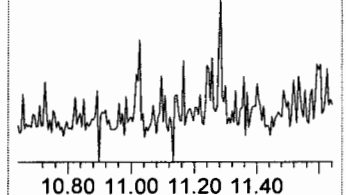
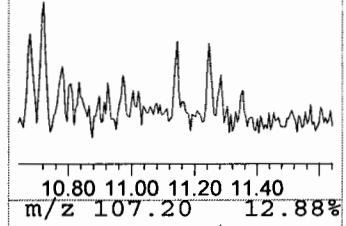
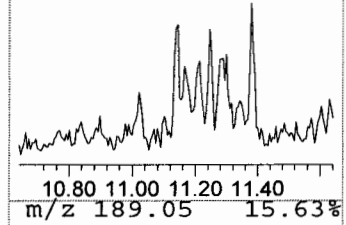
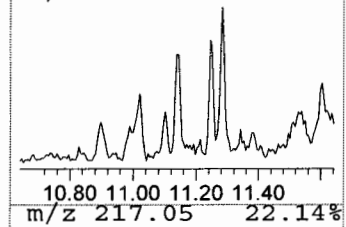
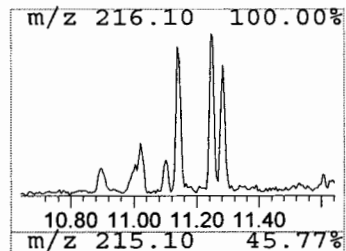
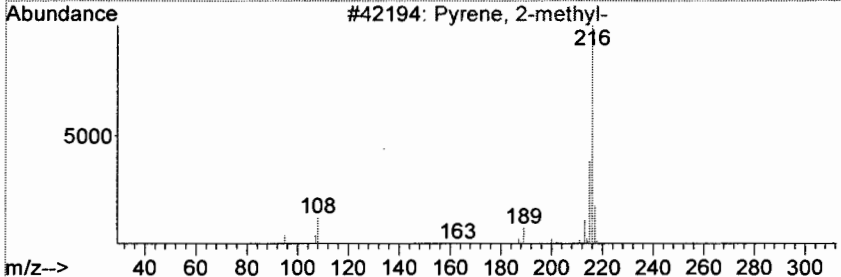
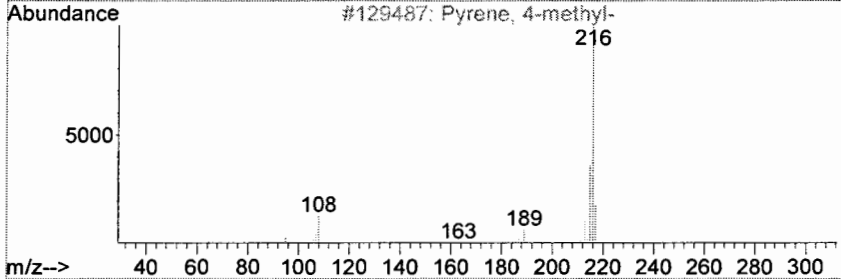
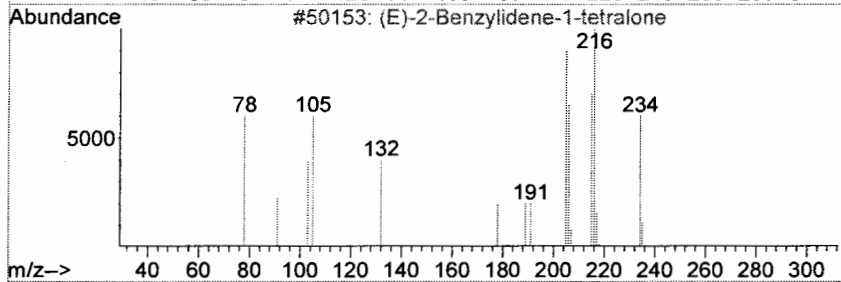
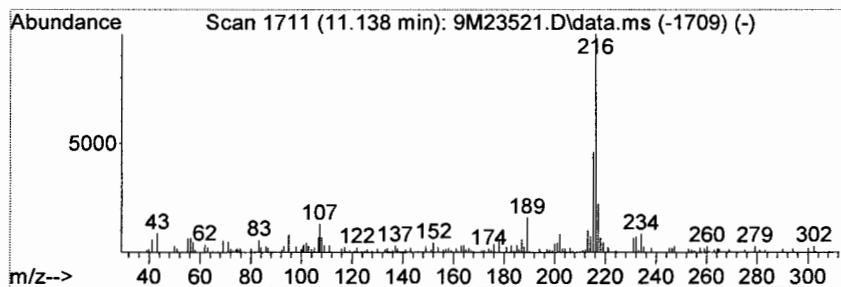
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 22 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	11.22 ng	66699	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Benzylidene-1-tetralone			234	C17H14O	000000-00-0	81
2	Pyrene, 4-methyl-			216	C17H12	003353-12-6	64
3	Pyrene, 2-methyl-			216	C17H12	003442-78-2	64
4	Pyrene, 4-methyl-			216	C17H12	003353-12-6	64
5	Pyrene, 2-methyl-			216	C17H12	003442-78-2	64



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

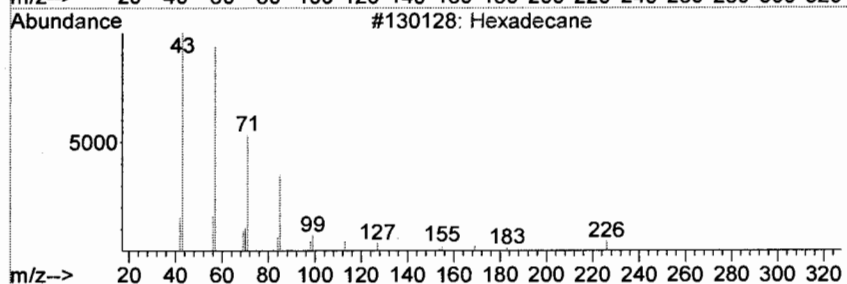
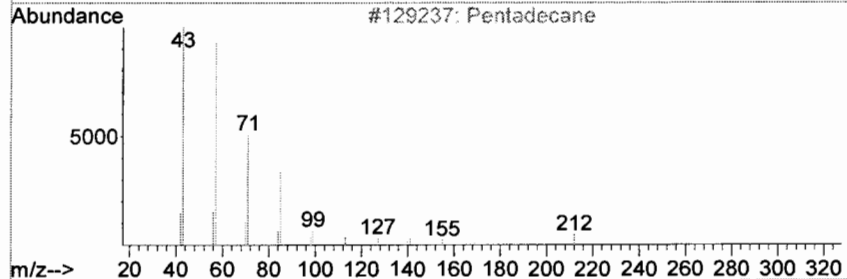
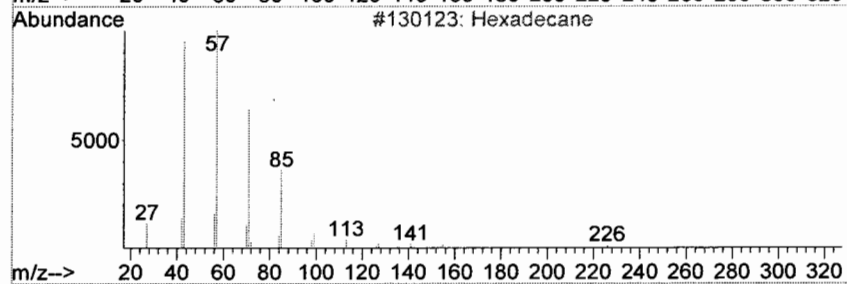
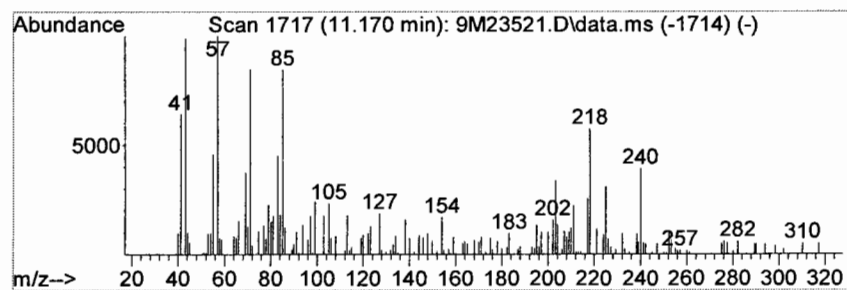
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TIC Library : G:\GCMSDATA\WILEY138.L
TIC Integration Parameters: LSCINT.P

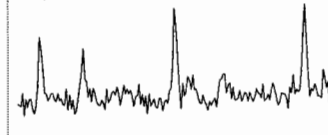
Peak Number 23 unknown Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	11.10 ng	66001	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	42
2			Pentadecane	212	C15H32	000629-62-9	42
3			Hexadecane	226	C16H34	000544-76-3	42
4			Hexadecane	226	C16H34	000544-76-3	42
5			Eicosane	282	C20H42	000112-95-8	38

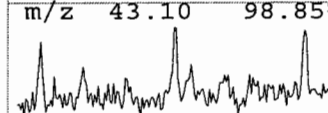


m/z 57.10 100.00%



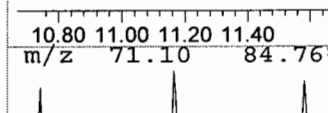
10.80 11.00 11.20 11.40

m/z 43.10 98.85%



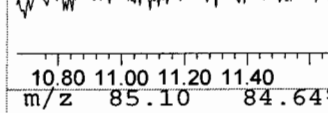
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m/z 71.10 84.76%



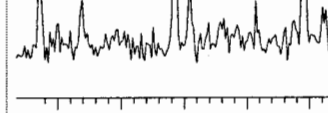
10.80 11.00 11.20 11.40

m/z 85.10 84.64%

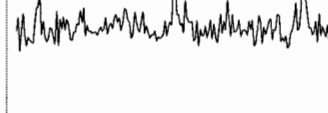


10.80 11.00 11.20 11.40

m/z 41.10 64.24%



10.80 11.00 11.20 11.40



10.80 11.00 11.20 11.40

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

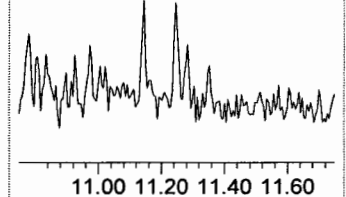
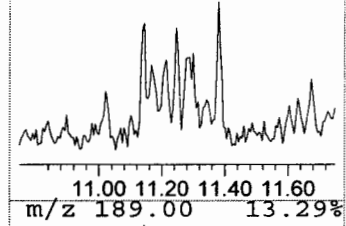
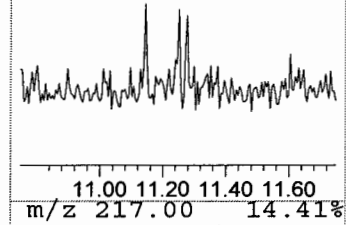
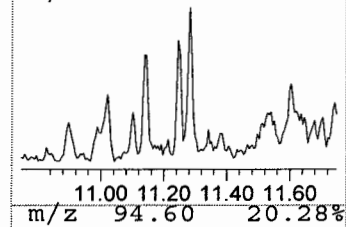
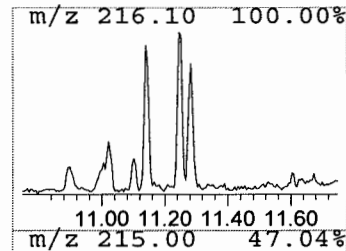
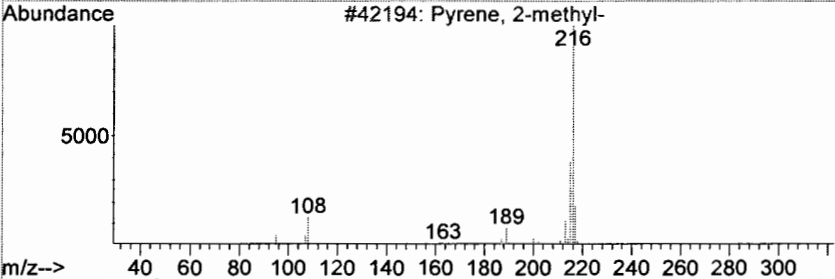
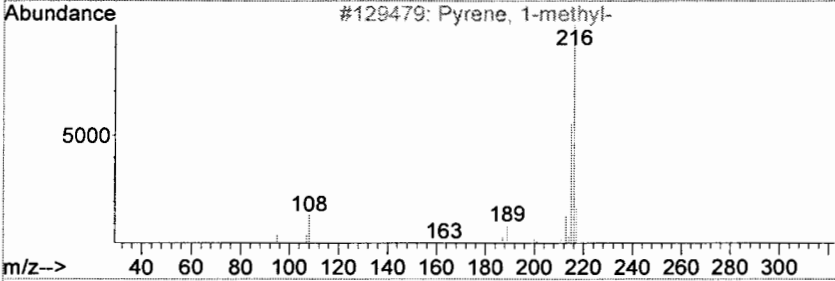
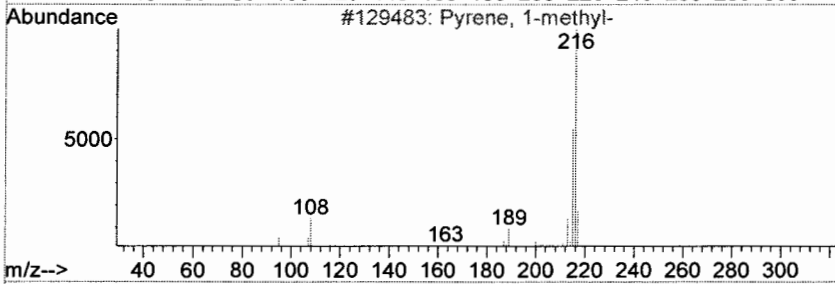
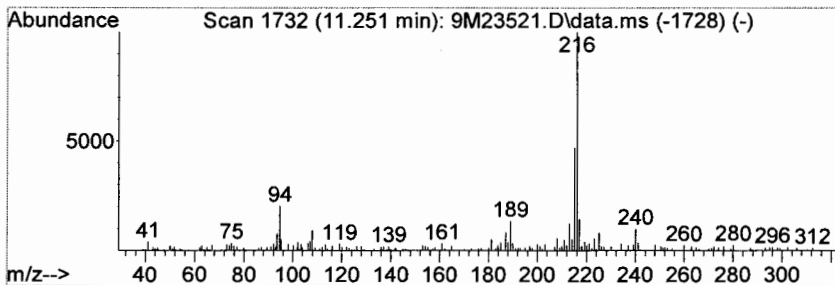
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	9.87 ng	58687	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

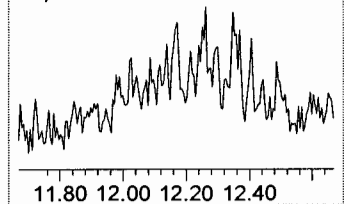
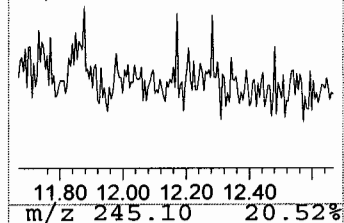
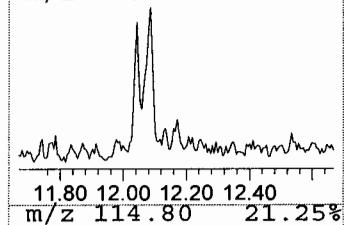
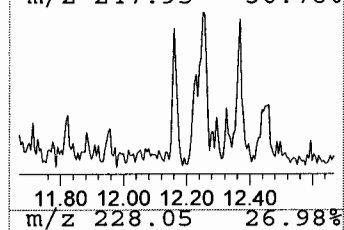
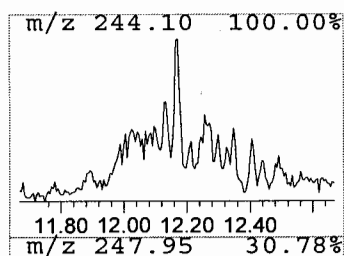
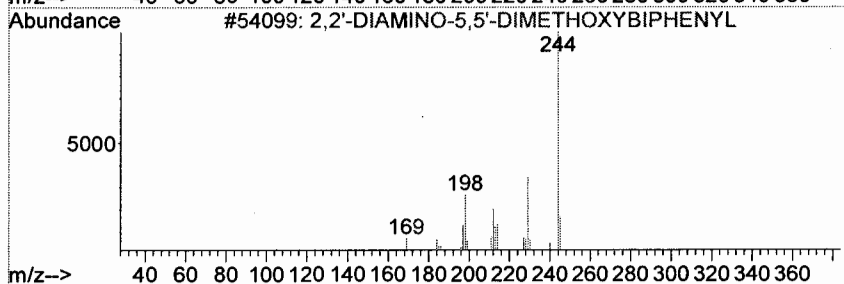
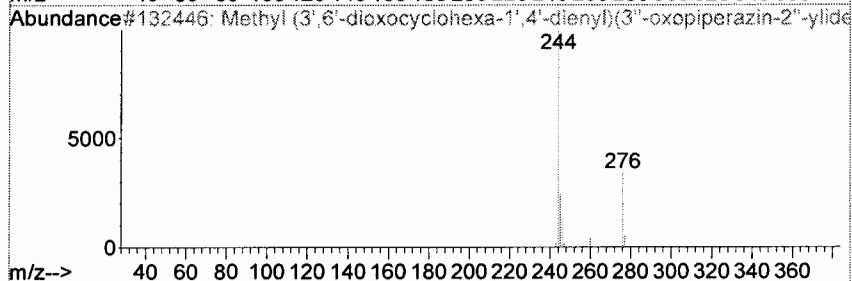
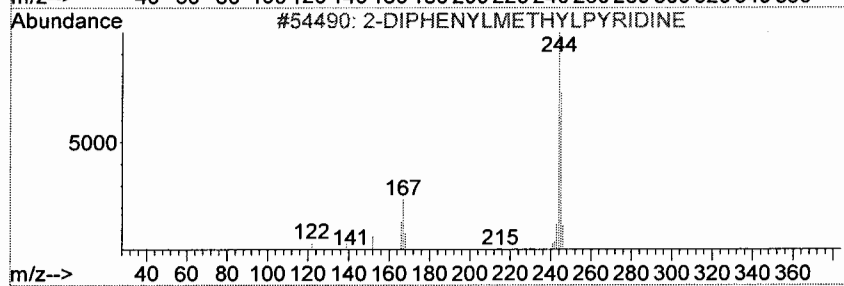
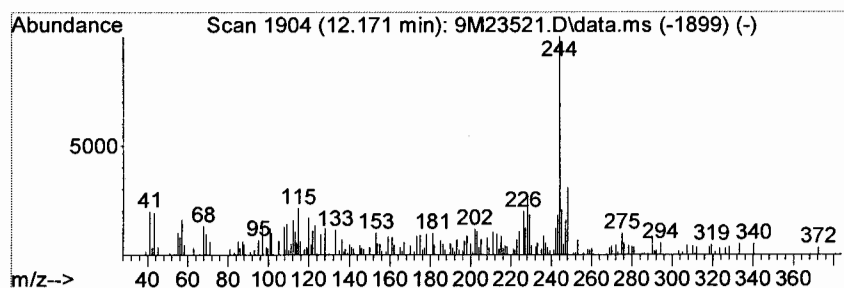
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 25 unknown Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.97 ng	53338	LibIS-Chrysene-d12	12.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-DIPHENYLMETHYLPYRIDINE	245	C18H15N	003678-70-4	38
2			Methyl (3',6'-dioxocyclohexa-1',...	276	C13H12N2O5	092827-55-9	38
3			2,2'-DIAMINO-5,5'-DIMETHOXYBIPHENYL	244	C14H16N2O2	074199-63-6	35
4			Matridin-15-one	248	C15H24N2O	000519-02-8	35
5			Gon-9(11)-en-12-one	244	C17H24O	055029-38-4	30



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

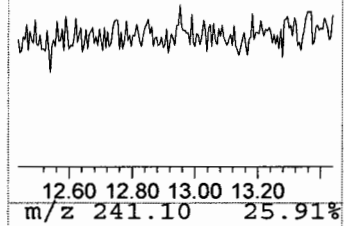
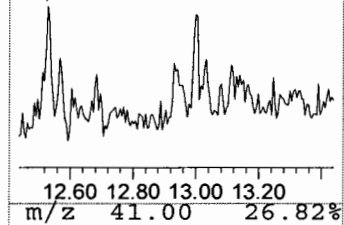
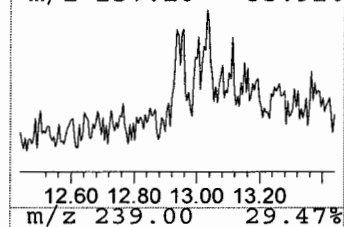
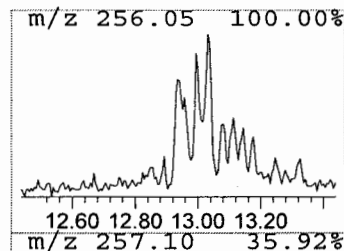
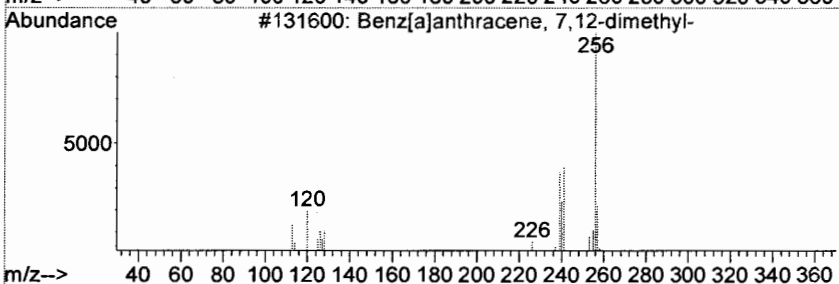
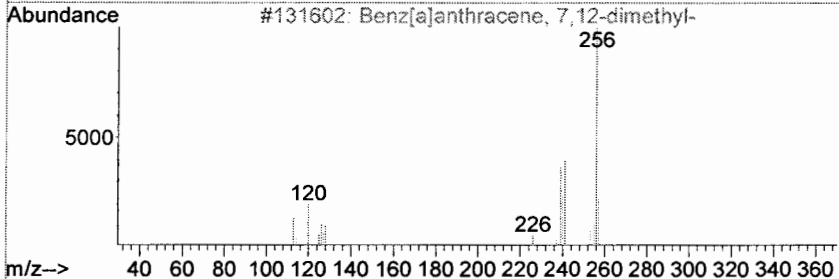
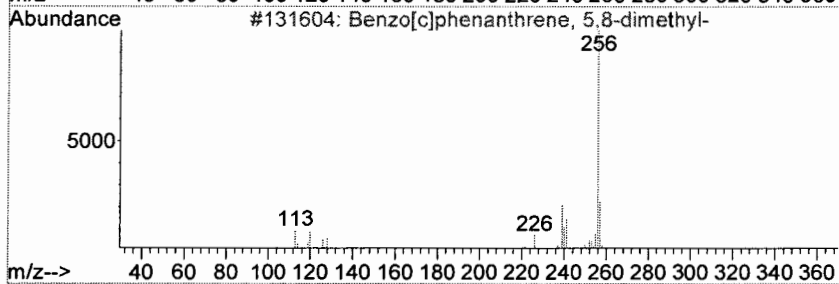
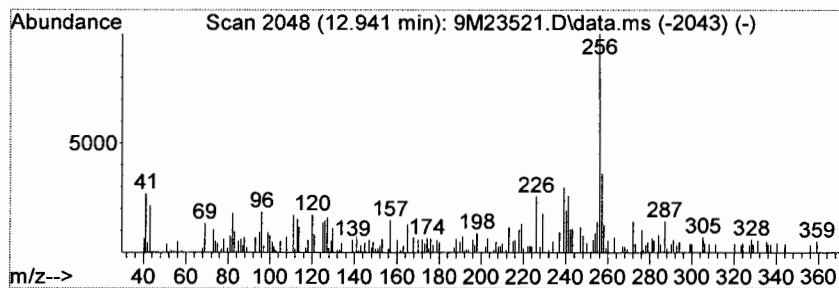
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 26 Benzo[c]phenanthrene, 5,8-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	12.86 ng	84068	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	70
2			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	62
3			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	62
4			Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	58
5			Benz[a]anthracene, 1,12-dimethyl-	256	C20H16	000313-74-6	50



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

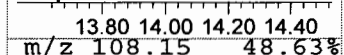
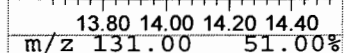
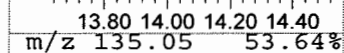
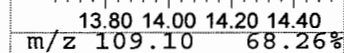
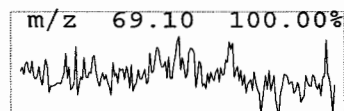
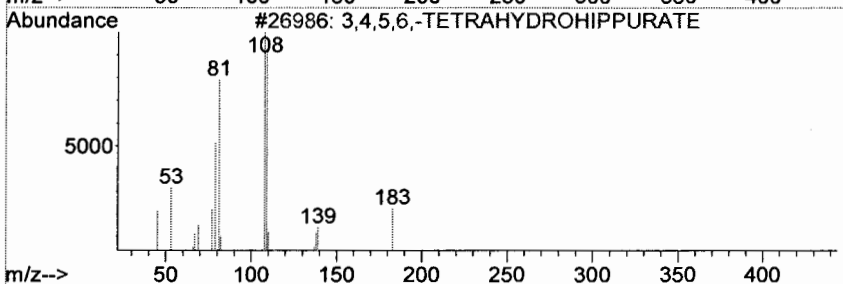
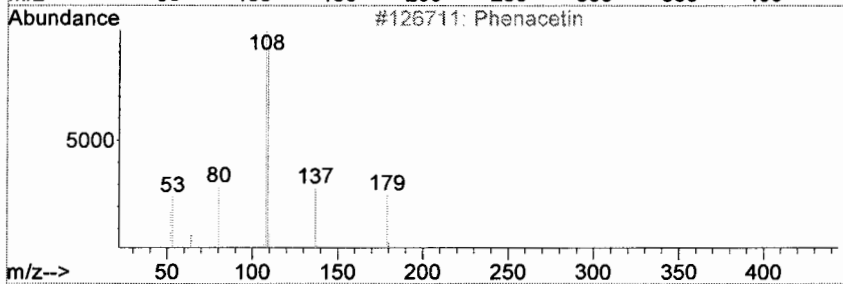
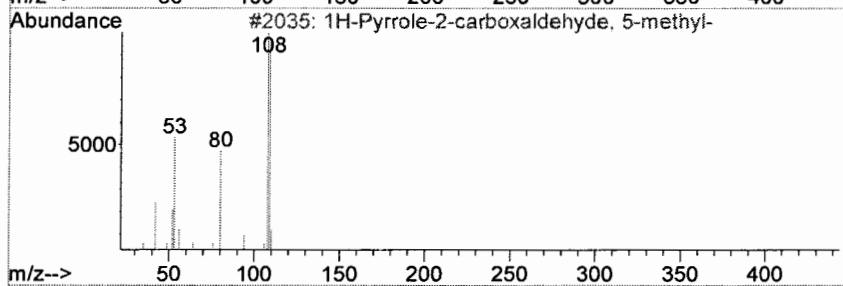
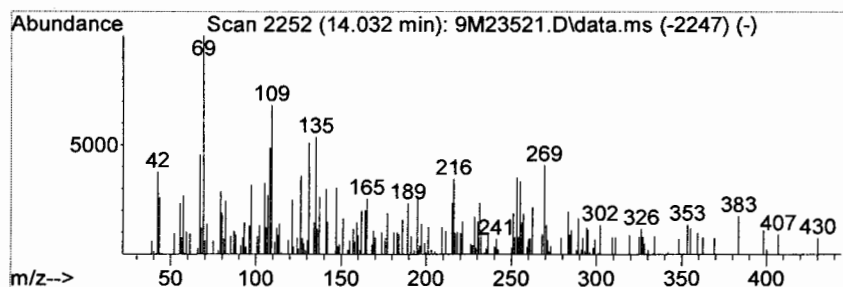
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 27 unknown Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	9.55 ng	62423	LibIS-Perylene-d12	13.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Pyrrole-2-carboxaldehyde, 5-m...	109	C6H7NO	001192-79-6	14
2			Phenacetin	179	C10H13NO2	000062-44-2	10
3			3,4,5,6,-TETRAHYDROHIPPURATE	183	C9H13NO3	000000-00-0	10
4			(3S,6R,7E,9R)-4,7-MEGASTIGMADIEN...	210	C13H22O2	068831-80-1	10
5			Benzenemethanol	108	C7H8O	000100-51-6	10



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23521.D
Acq On : 2 Mar 2010 17:50
Operator : AHD
Sample : AC50034-008(2X)
Misc : S,BNA:2
ALS Vial : 24 Sample Multiplier: 1

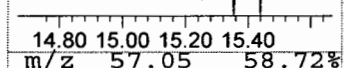
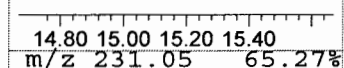
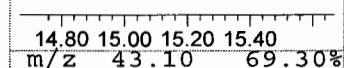
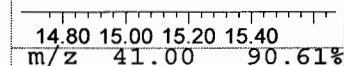
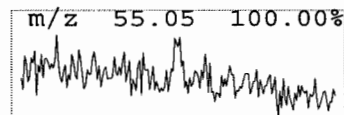
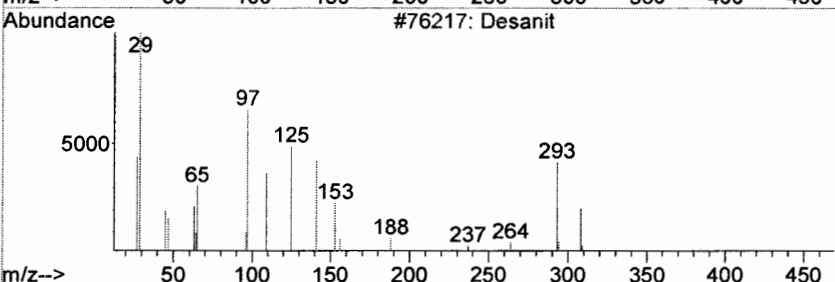
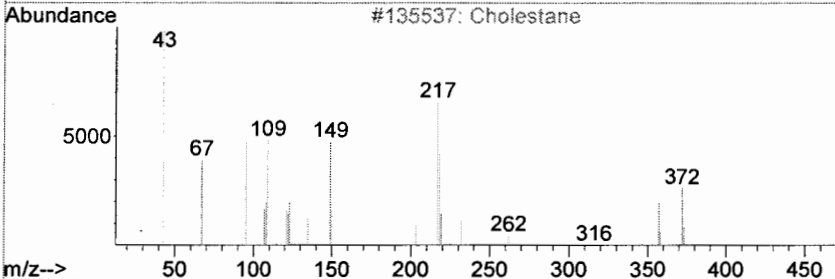
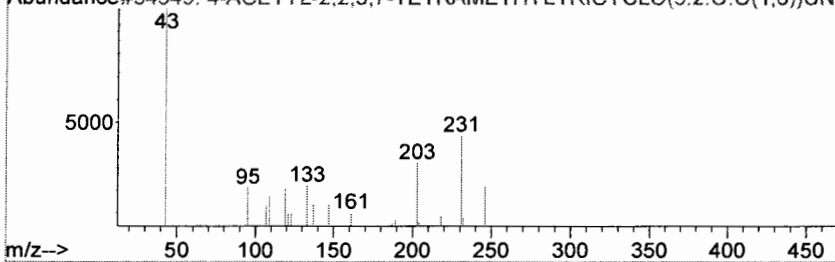
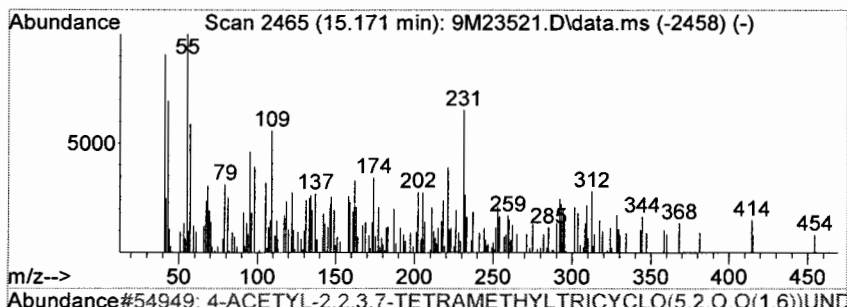
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 28 unknown Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	13.91 ng	90967	LibIS-Perylene-d12	13.65

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-ACETYL-2,2,3,7-TETRAMETHYLTRIC...	246	C17H26O	000000-00-0	10
2		Cholestane	372	C27H48	000481-21-0	10
3		Desanit	308	C11H17O4PS2	000115-90-2	9
4		1.BETA.-CARBOXYMETHYL-6.BETA.-HY...	340	C20H36O4	000000-00-0	9
5		Bicyclo[5.1.0]octane, 8-(1-methy...	150	C11H18	054166-47-1	9



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23521.D
 Acq On : 2 Mar 2010 17:50
 Operator : AHD
 Sample : AC50034-008(2X)
 Misc : S,BNA:2
 ALS Vial : 24 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-----				
					#	ExpRT	ActRt	Resp	Conc
unknown	3.27	11.1	ng	45238	1	5.27	5.27	163555	40.0
2-Pentanone, 4-hy...	3.68	1924.3	ng	7868094	1	5.27	5.27	163555	40.0
Naphthalene, 1-me...	6.89	11.2	ng	94923	2	6.29	6.29	338697	40.0
Naphthalene, 2,7-...	7.30	12.0	ng	119056	3	7.64	7.64	395622	40.0
Naphthalene, 1,3-...	7.36	14.1	ng	139630	3	7.64	7.64	395622	40.0
Naphthalene, 2-(1...	7.73	13.0	ng	128349	3	7.64	7.64	395622	40.0
Naphthalene, 1,4,...	7.81	10.7	ng	105568	3	7.64	7.64	395622	40.0
Naphthalene, 2,3,...	7.99	9.3	ng	91940	3	7.64	7.64	395622	40.0
unknown	8.79	9.4	ng	89183	4	9.04	9.04	379092	40.0
Dibenzothiophene,...	9.39	10.8	ng	102428	4	9.04	9.04	379092	40.0
Anthracene, 2-met...	9.58	9.9	ng	93530	4	9.04	9.04	379092	40.0
Anthracene, 1-met...	9.69	10.3	ng	97201	4	9.04	9.04	379092	40.0
Phenanthrene, 2,5...	10.08	14.8	ng	140216	4	9.04	9.04	379092	40.0
Phenanthrene, 2,7...	10.12	9.6	ng	90916	4	9.04	9.04	379092	40.0
Phenanthrene, 2,7...	10.20	16.3	ng	154444	4	9.04	9.04	379092	40.0
Phenanthrene, 2,7...	10.30	9.5	ng	90235	4	9.04	9.04	379092	40.0
unknown	10.44	10.0	ng	94889	4	9.04	9.04	379092	40.0
9H-Xanthen-9-one,...	10.56	10.1	ng	60068	5	12.05	12.05	237831	40.0
Phenanthrene, 2,3...	10.67	12.3	ng	72925	5	12.05	12.05	237831	40.0
Phenanthrene, 2,3...	10.72	25.9	ng	153884	5	12.05	12.05	237831	40.0
Pyrene, 1-methyl-	11.02	14.1	ng	83992	5	12.05	12.05	237831	40.0
Pyrene, 4-methyl-	11.14	11.2	ng	66699	5	12.05	12.05	237831	40.0
unknown	11.17	11.1	ng	66001	5	12.05	12.05	237831	40.0
Pyrene, 1-methyl-	11.25	9.9	ng	58687	5	12.05	12.05	237831	40.0
unknown	12.17	9.0	ng	53338	5	12.05	12.05	237831	40.0
Benzo[c]phenanthr...	12.94	12.9	ng	84068	6	13.65	13.65	261566	40.0
unknown	14.03	9.5	ng	62423	6	13.65	13.65	261566	40.0
unknown	15.17	13.9	ng	90967	6	13.65	13.65	261566	40.0

GC/MS Semi-Volatile Data
Standards Data

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22851.	CAL BNA@50PPM	01/25/10 10:18	2	9M22852.	CAL BNA@2PPM	01/25/10 10:43
3	9M22853.	CAL BNA@10PPM	01/25/10 11:07	4	9M22854.	CAL BNA@20PPM	01/25/10 11:30
5	9M22855.	CAL BNA@80PPM	01/25/10 11:54	6	9M22856.	CAL BNA@120PPM	01/25/10 12:17
7	9M22857.	CAL BNA@160PPM	01/25/10 12:41	8	9M22858.	CAL BNA@196PPM	01/25/10 13:05

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
LibS-1,4-Dichlorobenz	1	0	Avg	0.3360	0.3360	0.3360	0.3360	0.3360	0.3360	0.3360	0.3360	0.0000	0.336	5.49	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
LibS-Napthalene-d8	1	0	Avg	0.4551	0.4551	0.4551	0.4551	0.4551	0.4551	0.4551	0.4551	0.0000	0.455	6.50	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
LibS-Acenaanthrene-d	1	0	Avg	0.4878	0.4878	0.4878	0.4878	0.4878	0.4878	0.4878	0.4878	0.0000	0.488	7.87	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
LibS-Phenanthrene-d1	1	0	Avg	0.5406	0.5406	0.5406	0.5406	0.5406	0.5406	0.5406	0.5406	0.0000	0.541	9.30	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
LibS-Chrysene-d12	1	0	Avg	0.5056	0.5056	0.5056	0.5056	0.5056	0.5056	0.5056	0.5056	0.0000	0.506	12.32	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
LibS-Pervlene-d12	1	0	Avg	0.5755	0.5755	0.5755	0.5755	0.5755	0.5755	0.5755	0.5755	0.0000	0.576	13.93	-1	-1	-1	40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00 40.00
Puridine	1	0	Avg	1.3658	1.1748	1.3353	1.4434	1.3954	1.3844	1.4800	1.4800	0.0000	1.37	2.49	0.998	0.998	7.2	50.00 10.00 20.00 80.00 120.0 160.0 196.0
N-Nitrosodimethylamin	1	0	Qua	0.8332	0.5022	0.7644	0.8739	0.8400	0.8464	0.8498	0.8702	0.0000	0.798	2.43	1.00	1.00	16	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2-Fluorobenzol	1	0	Qua	1.2203	0.9659	1.1431	1.2976	1.2898	1.3156	1.3494	1.3469	0.0000	1.24	4.25	0.999	1.00	11	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Benzaldehyde	1	0	Qua	1.3247	1.6813	1.4911	1.4531	1.1326	0.8043	0.5344	0.3790	0.0000	1.10	5.09	0.787	0.997	43	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Aniline	1	0	Avg	2.1006	1.6626	1.5134	2.2131	2.1700	2.1175	2.1320	2.0402	0.0000	1.99	5.19	0.999	0.999	13	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Pentachloroethane	1	0	Avg	0.7122	0.9483	0.7536	0.7368	0.7010	0.7176	0.6948	0.7026	0.0000	0.746	5.22	1.00	1.00	11	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
bis(2-Chloroethyl)ether	1	0	Avg	1.3845	1.6417	1.4743	1.4373	1.3215	1.3492	1.3234	1.3364	0.0000	1.41	5.25	1.00	1.00	7.8	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Phenol-d5	1	0	Avg	1.8403	1.7824	1.8540	1.8767	1.7953	1.8234	1.9153	1.8693	0.0000	1.84	5.17	0.999	0.999	2.4	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Phenol	1	0	Avg	1.9482	2.4011	1.6390	2.0366	1.8965	1.9308	1.9288	1.9428	0.0000	1.97	5.18	1.00	1.00	11	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2-Chlorobenzol	1	0	Avg	1.4029	1.5439	1.2781	1.4586	1.3916	1.4159	1.3988	1.4027	0.0000	1.41	5.29	1.00	1.00	5.2	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
N-Decane	1	0	Avg	1.9978	2.5527	1.9886	2.0877	1.9491	1.9746	1.9486	1.9517	0.0000	2.06	5.34	1.00	1.00	10	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1,3-Dichlorobenzene	1	0	Avg	1.4809	1.7329	1.4725	1.5244	1.4730	1.4632	1.4366	1.4393	0.0000	1.50	5.42	1.00	1.00	6.4	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1,4-Dichlorobenzene	1	0	Avg	1.5485	2.0879	1.5430	1.6607	1.5212	1.5325	1.4821	1.4685	0.0000	1.61	5.49	0.999	1.00	13	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1,2-Dichlorobenzene	1	0	Avg	1.4026	1.6033	1.3240	1.5261	1.4108	1.4117	1.3817	1.3673	0.0000	1.43	5.61	1.00	1.00	6.4	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Benzyl alcohol	1	0	Avg	0.9220	0.7516	0.8600	0.9498	0.9250	0.9337	0.9334	0.9330	0.0000	0.901	5.59	1.00	1.00	7.3	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
bis(2-chloroisopropyl)et	1	0	Avg	2.1715	2.6208	2.0600	2.2580	2.1182	2.1121	2.0981	2.0834	0.0000	2.19	5.71	1.00	1.00	8.4	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2-Methylbenzol	1	0	Avg	1.3138	1.5011	1.3665	1.4434	1.2640	1.2768	1.2953	1.3089	0.0000	1.35	5.70	1.00	1.00	6.3	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Acetophenone	1	0	Avg	2.1145	2.8296	2.1912	2.2481	2.0626	2.0492	2.0547	2.0221	0.0000	2.20	5.81	1.00	1.00	12	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Hexachloroethane	1	0	Avg	0.6363	0.7175	0.6620	0.6793	0.6436	0.6369	0.6315	0.6305	0.0000	0.655	5.88	1.00	1.00	4.7	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
N-Nitroso-d-n-propyla	1	0	Avg	1.2278	1.4989	1.2517	1.2763	1.1815	1.2076	1.1889	1.2052	0.0000	1.25	5.81	1.00	1.00	8.3	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
3,4-Methyldienol	1	0	Avg	1.3928	1.3527	1.3208	1.4486	1.3640	1.3335	1.3653	1.3339	0.0000	1.36	5.82	1.00	1.00	3.0	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Nitrobenzene-d5	1	0	Avg	0.1770	0.1626	0.1646	0.1877	0.1761	0.1743	0.1835	0.1771	0.0000	0.175	5.93	0.999	0.999	4.9	25.00 1.00 5.00 10.00 40.00 60.00 80.00 96.00
Nitrobenzene	1	0	Avg	0.4452	0.5498	0.4264	0.4780	0.4311	0.4277	0.4526	0.4371	0.0000	0.456	5.94	0.999	0.999	9.1	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Isobutylene	1	0	Avg	0.7914	0.8897	0.7315	0.8561	0.7692	0.7789	0.8141	0.7839	0.0000	0.802	6.13	0.999	0.999	6.3	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2-Nitrophenol	1	0	Avg	0.1948	0.1819	0.1804	0.2029	0.1929	0.1906	0.1988	0.1952	0.0000	0.192	6.19	1.00	1.00	4.0	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2,4-Dimethylbenzol	1	0	Avg	0.3827	0.3815	0.3731	0.4222	0.3944	0.3919	0.4112	0.3973	0.0000	0.394	6.23	0.999	0.999	4.1	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Benzoic Acid	1	0	Qua	0.1651	0.0479	0.1336	0.2003	0.2451	0.2622	0.2762	0.2762	0.0000	0.190	6.32	0.988	0.999	4.3	50.00 10.00 20.00 80.00 120.0 160.0 196.0
bis(2-Chloroethoxy)mei	1	0	Avg	0.4369	0.4911	0.4209	0.4771	0.4268	0.4295	0.4478	0.4279	0.0000	0.445	6.30	0.999	0.999	5.8	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
2,4-Dichlorophenol	1	0	Avg	0.2903	0.2719	0.2707	0.3157	0.2831	0.2892	0.2940	0.2824	0.0000	0.287	6.39	0.999	0.999	5.0	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
1,2,4-Trichlorobenzene	1	0	Avg	0.3345	0.3934	0.3338	0.3509	0.3263	0.3211	0.3218	0.3144	0.0000	0.337	6.44	1.00	1.00	7.5	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Naochthalene	1	0	Avg	1.0537	1.3191	1.0746	1.1503	1.0544	1.0389	1.0527	1.0193	0.0000	1.10	6.50	1.00	1.00	9.0	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
4-Chloroaniline	1	0	Qua	0.3906	0.2945	0.2801	0.4701	0.3992	0.3270	0.2875	0.2448	0.0000	0.337	6.55	0.941	0.997	23	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Hexachlorobutadiene	1	0	Avg	0.1845	0.2569	0.1740	0.1967	0.1806	0.1775	0.1762	0.1737	0.0000	0.190	6.59	1.00	1.00	15	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
Caprolactam	1	0	Avg	0.1376	0.1308	0.1229	0.1522	0.1364	0.1370	0.1356	0.1184	0.0000	0.134	6.82	0.994	0.998	7.7	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0
4-Chloro-3-methylben	1	0	Avg	0.3366	0.3010	0.3194	0.3753	0.3360	0.3378	0.3574	0.3492	0.0000	0.339	6.91	0.999	0.999	6.7	50.00 2.00 10.00 20.00 80.00 120.0 160.0 196.0

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

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.

Level #:	Data File:	Cal Identifier:	Analysis Date/Time								Level #:	Data File:	Cal Identifier:	Analysis Date/Time													
			RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8				RF9	AvgRt	RT	Corr1	Corr2	%Rsd	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8
1	9M22851.	CAL BNA@50PPM	01/25/10 10:18																								
3	9M22853.	CAL BNA@10PPM	01/25/10 11:07																								
5	9M22855.	CAL BNA@80PPM	01/25/10 11:54																								
7	9M22857.	CAL BNA@160PPM	01/25/10 12:41																								
Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd										
2-Methylnaphthalene	1	0	Avg	0.7191	0.8832	0.6816	0.7858	0.6833	0.6960	0.6981	0.6730	----	0.728	7.02	0.999	0.999	9.9										
Methylnaphthalenes (T	1	0	Avg	0.7191	0.8832	0.6816	0.7858	0.6833	0.6960	0.6981	0.6730	----	0.728	7.02	0.999	0.999	9.9										
1-1-Biphenyl	1	0	Avg	1.1350	1.3596	1.1039	1.2001	1.0942	1.0872	1.1016	1.0482	----	1.14	7.38	0.999	0.999	8.6										
1,2,4,5-Tetrachloroben:	1	0	Avg	0.6399	0.6985	0.5822	0.6485	0.5798	0.5979	0.5811	0.5770	----	0.613	7.15	0.999	0.999	7.3										
Hexachlorocyclopentac	1	0	Qua	0.0982	-----	0.0121	0.0876	0.1291	0.1602	0.1845	0.2009	----	0.125	7.14	0.977	0.999	52	** (0.050)									
2,4,6-Trichlorophenol	1	0	Avg	0.3508	0.3538	0.3148	0.3624	0.3373	0.3412	0.3432	0.3330	----	0.342	7.24	0.999	1.00	4.3	*(30)									
2,4,5-Trichlorophenol	1	0	Avg	0.3807	0.3746	0.3639	0.3782	0.3496	0.3688	0.3624	0.3783	----	0.370	7.27	0.999	0.999	2.9										
2-Fluorobiphenyl	1	0	Avg	1.4057	1.6346	1.3079	1.4828	1.3142	1.3700	1.3366	1.3163	----	1.40	7.30	0.998	0.998	8.1										
2-Chloronaphthalene	1	0	Avg	1.1922	1.3439	1.1416	1.2475	1.1169	1.1635	1.1362	1.1160	----	1.18	7.40	0.999	1.00	6.7										
1,4-Dimethylnaphthalen	1	0	Avg	1.4005	1.6891	1.3965	1.4643	1.2745	1.3036	1.2562	1.2242	----	1.38	7.67	0.998	1.00	11										
Dimethylnaphthalenes	1	0	Avg	1.4005	1.6891	1.3965	1.4643	1.2745	1.3036	1.2562	1.2242	----	1.38	7.67	0.998	1.00	11										
Dibenzyl Ether	1	0	Avg	0.9312	1.0398	0.9032	0.9684	0.8605	0.8928	0.8708	0.8509	----	0.915	7.47	0.999	1.00	7.0										
2-Nitroaniline	1	0	Qua	0.5970	0.5797	0.5573	0.6164	0.4378	0.4328	0.4331	0.4312	----	0.511	7.49	0.985	0.992	16										
Acenaphthylene	1	0	Avg	2.0149	2.4639	2.0138	2.1073	1.8489	1.9029	1.8291	1.7945	----	2.00	7.75	0.999	1.00	11										
Dimethylphthalate	1	0	Avg	1.4219	1.7654	1.3286	1.4912	1.3198	1.3529	1.3308	1.3344	----	1.42	7.63	1.00	1.00	11										
2,6-Dinitrofluorene	1	0	Avg	0.3397	0.3403	0.3113	0.3357	0.2972	0.3068	0.2986	0.2908	----	0.315	7.69	0.998	0.999	6.5										
Acenaphthene	1	0	Avg	1.2739	1.6684	1.2497	1.3293	1.1711	1.2042	1.1815	1.1676	----	1.28	7.89	0.999	1.00	13	*(30)									
3-Nitroaniline	1	0	Avg	0.3339	0.2544	0.2841	0.3480	0.3051	0.2732	0.2583	0.2408	----	0.287	7.83	0.986	0.999	13										
2,4-Dinitrophenol	1	0	Qua	0.1723	-----	0.0475	0.1261	0.1337	0.1558	0.1713	0.1657	----	0.139	7.93	0.992	0.993	32	** (0.050)									
Dibenzofuran	1	0	Avg	1.7294	2.0879	1.7191	1.8285	1.5667	1.6265	1.5891	1.5483	----	1.71	8.05	0.999	0.999	10										
2,4-Dinitrofluorene	1	0	Avg	0.4564	0.4788	0.3972	0.4712	0.4077	0.4274	0.4324	0.4174	----	0.436	8.03	0.999	0.999	6.8										
4-Nitrophenol	1	0	Qua	0.2751	0.1612	0.2020	0.2691	0.2463	0.2863	0.2839	0.2899	----	0.252	7.97	0.997	0.998	19	** (0.050)									
2,3,4,6-Tetrachlorophe	1	0	Avg	0.3118	0.2790	0.2924	0.3200	0.2854	0.2908	0.2936	0.2994	----	0.297	8.16	0.999	0.999	4.6										
Fluorene	1	0	Avg	1.4286	1.7692	1.3914	1.5083	1.3247	1.3427	1.3006	1.2960	----	1.42	8.36	0.999	1.00	11										
4-Chlorophenyl-phenyl	1	0	Avg	0.6469	0.8182	0.6288	0.6628	0.5914	0.6063	0.5786	0.5731	----	0.638	8.35	0.999	1.00	12										
Diethylphthalate	1	0	Avg	1.5421	1.7610	1.4599	1.5305	1.3872	1.4396	1.3917	1.3894	----	1.49	8.24	0.999	0.999	8.5										
4-Nitroaniline	1	0	Avg	0.3669	0.3070	0.3397	0.3958	0.3662	0.3713	0.3569	0.3184	----	0.353	8.38	0.990	0.998	8.4										
Atrazine	1	0	Avg	0.4437	0.5711	0.4573	0.4535	0.4172	0.4268	0.4115	0.4083	----	0.449	9.00	0.999	1.00	12										
4,6-Dinitro-2-methylph	1	0	Qua	0.1439	-----	0.0814	0.1500	0.1466	0.1529	0.1514	0.1485	----	0.139	8.41	0.999	0.999	18										
n-Nitrosodibenzylamine	1	0	Avg	0.7477	0.7866	0.6775	0.7925	0.7271	0.7341	0.7018	0.6804	----	0.731	8.47	0.998	1.00	6.0	*(30)									
2,4,6-Tribromophenol	1	0	Avg	0.0765	0.0723	0.0599	0.0775	0.0765	0.0761	0.0789	0.0782	----	0.074	8.59	1.00	1.00	8.4										
1,2-Dibenzylhydrazine	1	0	Avg	1.0631	1.2150	1.0405	1.1400	1.0701	1.0651	1.0605	1.0071	----	1.08	8.50	0.998	0.999	6.0										
4-Bromophenyl-phenyl	1	0	Avg	0.2232	0.2458	0.2099	0.2272	0.2258	0.2217	0.2171	0.2138	----	0.223	8.83	0.999	1.00	4.9										
Hexachlorobenzene	1	0	Lin	0.2047	0.3141	0.1968	0.2179	0.1971	0.2109	0.2063	0.2013	----	0.219	8.89	0.999	0.999	18										
N-Octadecane	1	0	Avg	0.8226	0.9313	0.7481	0.8466	0.8111	0.8186	0.8202	0.8053	----	0.826	9.17	1.00	1.00	6.2										
Pentachlorophenol	1	0	Qua	0.0900	-----	0.0382	0.0863	0.0972	0.1056	0.1074	0.1093	----	0.096	9.10	0.998	0.999	27	*(30)									
Phenanthrene	1	0	Avg	1.2104	1.5657	1.1789	1.3140	1.2045	1.2063	1.1498	1.1303	----	1.25	9.32	0.999	1.00	11										
Anthracene	1	0	Avg	1.2368	1.5699	1.1875	1.3049	1.2347	1.2194	1.1813	1.1648	----	1.26	9.38	0.999	1.00	10										
Carbazole	1	0	Avg	1.2055	1.4005	1.1905	1.2750	1.1952	1.2017	1.1652	1.1301	----	1.22	9.55	0.999	1.00	6.8										
Di-n-butylphthalate	1	0	Avg	1.5824	1.9593	1.4724	1.7241	1.5884	1.5983	1.5316	1.5049	----	1.62	9.93	0.999	0.999	9.7										
Fluoranthene	1	0	Avg	1.3302	1.5275	1.2380	1.4216	1.3025	1.3246	1.2654	1.2260	----	1.33	10.64	0.998	1.00	7.6	*(30)									

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

Note:

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

Avg Rsd: 10.0

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time
1	9M22851.	CAL BNA@50PPM	01/25/10 10:18	2	9M22852.	CAL BNA@2PPM	01/25/10 10:43
3	9M22853.	CAL BNA@10PPM	01/25/10 11:07	4	9M22854.	CAL BNA@20PPM	01/25/10 11:30
5	9M22855.	CAL BNA@80PPM	01/25/10 11:54	6	9M22856.	CAL BNA@120PPM	01/25/10 12:17
7	9M22857.	CAL BNA@160PPM	01/25/10 12:41	8	9M22858.	CAL BNA@196PPM	01/25/10 13:05

Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations								
																		Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7	Lvl8	Lvl9
Pyrene	1	0	Avg	1.5530	1.8124	1.5760	1.6856	1.6035	1.6221	1.5837	1.5587	---	1.62	10.89	0.999	1.00	5.4	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benztidine	1	0	Qua	0.6672	0.3282	0.3841	0.7556	0.5949	0.3700	---	---	---	0.517	10.80	0.851	0.992	35	50.00	2.00	10.00	20.00	80.00	120.0	---	---	
Terphenyl-d14	1	0	Avg	1.0632	1.2521	1.0263	1.1690	1.1146	1.0975	1.1334	1.1090	---	1.12	11.09	1.00	1.00	6.1	25.00	1.00	5.00	10.00	40.00	60.00	80.00	96.00	
p,p'-DDE	1	0	Avg	0.3473	0.4119	0.3327	0.3827	0.3716	0.3623	0.3649	0.3538	---	0.366	11.02	0.999	0.999	6.6	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin	1	0	Avg	0.1137	0.1360	0.0984	0.1240	0.1147	0.1186	0.1167	0.1127	---	0.117	11.33	0.999	0.999	9.1	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDD	1	0	Avg	0.5953	0.6191	0.5517	0.6330	0.6123	0.5984	0.5868	0.5805	---	0.597	11.42	0.999	1.00	4.2	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Butylbenzophthalate	1	0	Avg	0.8463	0.9430	0.7914	0.8826	0.8606	0.8724	0.8536	0.8336	---	0.860	11.69	0.999	1.00	5.0	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin aldehyde	1	0	Avg	0.0391	---	0.0447	0.0427	0.0404	0.0394	0.0409	0.0405	---	0.041	11.33	0.999	1.00	4.8	50.00	---	10.00	20.00	80.00	120.0	160.0	196.0	
p,p'-DDT	1	0	Avg	0.5400	0.5614	0.5130	0.5772	0.5589	0.5561	0.5506	0.5193	---	0.547	11.78	0.998	0.999	4.0	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Endrin ketone	1	0	Avg	0.0520	---	0.0480	0.0592	0.0576	0.0564	0.0575	0.0568	---	0.0554	12.24	0.999	0.999	7.1	50.00	---	10.00	20.00	80.00	120.0	160.0	196.0	
3,3'-Dichlorobenzidine	1	0	Qua	0.4016	0.4483	0.3475	0.4528	0.4221	0.3502	0.3236	0.3128	---	0.382	12.30	0.983	0.996	15	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzofluoranthene	1	0	Avg	1.4510	1.8685	1.4772	1.5496	1.4734	1.4415	1.3912	1.3794	---	1.50	12.32	0.999	1.00	10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Chrysene	1	0	Avg	1.3880	1.7217	1.3939	1.4795	1.4012	1.3459	1.3101	1.2760	---	1.41	12.36	0.999	1.00	9.8	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
bis(2-Ethylhexyl)phthalate	1	0	Avg	1.2123	1.4854	1.1636	1.2793	1.2158	1.1858	1.1731	1.1258	---	1.23	12.39	0.999	1.00	9.1	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofluoranthene	1	0	Avg	2.0139	2.2628	1.7959	2.1193	1.9587	1.9839	1.9431	1.9301	---	2.00	13.13	1.00	1.00	6.9	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzofluoranthene	1	0	Avg	1.3245	1.6533	1.2477	1.4194	1.2534	1.3261	1.3135	1.2517	---	1.35	13.53	0.998	0.999	10	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzofluoranthene	1	0	Avg	1.2683	1.5306	1.2291	1.3266	1.2434	1.2362	1.1466	1.1803	---	1.27	13.56	0.998	0.999	9.3	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzofluoranthene	1	0	Avg	1.2510	1.5009	1.1647	1.3102	1.1938	1.2355	1.1921	1.1902	---	1.25	13.87	0.999	1.00	8.7	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	1.3000	1.5672	1.2149	1.3713	1.2501	1.2953	1.2419	1.2539	---	1.31	15.10	0.999	1.00	8.7	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofluoranthene	1	0	Avg	1.0607	1.1688	0.9947	1.1245	1.0139	1.0493	0.9980	1.0032	---	1.05	15.11	0.999	0.999	6.1	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Benzofluoranthene	1	0	Avg	1.0745	1.4889	1.0546	1.1256	1.0414	1.0700	1.0322	1.0530	---	1.12	15.42	1.00	1.00	14	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

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.

Avg Rsd: 10.0

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22851.D Sam Mult : 1 Vial# : 3 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 10:18 Misc : A,BNA Qt Upd On: 01/22/10 15:44

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	21080	40.00	ng	-0.01
29) Naphthalene-d8	6.487	136	82204	40.00	ng	-0.01
47) Acenaphthene-d10	7.867	164	44346	40.00	ng	-0.01
73) Phenanthrene-d10	9.295	188	75425	40.00	ng	-0.01
87) Chrysene-d12	12.328	240	68040	40.00	ng	-0.02
102) Perylene-d12	13.927	264	71146	40.00	ng	-0.02
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	32157	48.42	ng	-0.01
Spiked Amount 100.000			Recovery =	48.42%		
15) Phenol-d5	5.171	99	48493	49.11	ng	-0.01
Spiked Amount 100.000			Recovery =	49.11%		
30) Nitrobenzene-d5	5.931	128	9097	25.00	ng	-0.01
Spiked Amount 50.000			Recovery =	50.00%		
52) 2-Fluorobiphenyl	7.300	172	38962	24.87	ng	-0.01
Spiked Amount 50.000			Recovery =	49.74%		
76) 2,4,6-Tribromophenol	8.589	330	7219	47.50	ng	-0.02
Spiked Amount 100.000			Recovery =	47.50%		
90) Terphenyl-d14	11.087	244	45213	23.93	ng	-0.02
Spiked Amount 50.000			Recovery =	47.86%		
Target Compounds						
						Qvalue
8) Pyridine	2.486	79	35991	50.52	ng	80
9) N-Nitrosodimethylamine	2.428	74	21955	49.56	ng	99
11) Benzaldehyde	5.091	77	34908	46.40	ng	90
12) Aniline	5.188	93	55353	62.51	ng	16
13) Pentachloroethane	5.225	117	18767	49.19	ng	86
14) bis(2-Chloroethyl)ether	5.252	93	36482	49.59	ng	88
16) Phenol	5.182	94	51336	48.84	ng	72
17) 2-Chlorophenol	5.289	128	36968	48.75	ng	89
18) N-Decane	5.343	57	52644	50.79	ng	87
19) 1,3-Dichlorobenzene	5.418	146	39023	48.93	ng	100
20) 1,4-Dichlorobenzene	5.487	146	40805	48.82	ng	97
21) 1,2-Dichlorobenzene	5.610	146	36961	48.80	ng	96
22) Benzyl alcohol	5.594	108	24297	47.63	ng	90
23) bis(2-chloroisopropyl)...	5.706	45	57221	48.97	ng	77
24) 2-Methylphenol	5.696	108	34621	47.23	ng	97
25) Acetophenone	5.808	105	55717	46.86	ng	72
26) Hexachloroethane	5.883	117	16768	47.43	ng	95
27) N-Nitroso-di-n-propyla...	5.813	70	32355	46.92	ng	91
28) 3&4-Methylphenol	5.819	108	36701	48.72	ng	90
31) Nitrobenzene	5.942	77	45747	47.96	ng	94
32) Isophorone	6.134	82	81322	47.17	ng	91
33) 2-Nitrophenol	6.193	139	20017	49.99	ng	91
34) 2,4-Dimethylphenol	6.231	107	39330	45.28	ng	97
35) Benzoic Acid	6.321	105	16970m	34.67	ng	
36) bis(2-Chloroethoxy)met...	6.300	93	44903	47.75	ng	96
37) 2,4-Dichlorophenol	6.386	162	29838	49.62	ng	89
38) 1,2,4-Trichlorobenzene	6.444	180	34375	50.79	ng	96
39) Naphthalene	6.503	128	108273	47.35	ng	99
40) 4-Chloroaniline	6.546	127	40139	86.61	ng	97
41) Hexachlorobutadiene	6.589	225	18958	49.59	ng	96
42) Caprolactam	6.819	113	14140	48.98	ng	69
43) 4-Chloro-3-methylphenol	6.910	107	34590	46.17	ng	91
44) 2-Methylnaphthalene	7.022	142	73900	49.30	ng	99
45) Methylnaphthalenes (To...	7.022	142	73900	49.30	ng	99
46) 1,1'-Biphenyl	7.380	154	116634	47.75	ng	99
48) 1,2,4,5-Tetrachloroben...	7.150	216	35474	53.63	ng	96
49) Hexachlorocyclopentadiene	7.140	237	5446	39.10	ng	100
50) 2,4,6-Trichlorophenol	7.241	196	19447	50.99	ng	97
51) 2,4,5-Trichlorophenol	7.273	196	21106	49.58	ng	95
53) 2-Chloronaphthalene	7.402	162	66088	50.56	ng	98
54) 1,4-Dimethylnaphthalene	7.675	156	77638	51.03	ng	96
55) Dimethylnaphthalenes (...)	7.675	156	77638	51.03	ng	96
56) Diphenyl Ether	7.466	170	51622	50.63	ng	85
57) 2-Nitroaniline	7.487	65	33094	59.17	ng	69
58) Acenaphthylene	7.750	152	111692	50.74	ng	98
59) Dimethylphthalate	7.632	163	78824	49.76	ng	98
60) 2,6-Dinitrotoluene	7.685	165	18832	52.90	ng	68
61) Acenaphthene	7.894	153	70620	50.55	ng	93
62) 3-Nitroaniline	7.830	138	18511	69.14	ng	63
63) 2,4-Dinitrophenol	7.926	184	9553	58.65	ng	77
64) Dibenzofuran	8.049	168	95869	51.33	ng	90
65) 2,4-Dinitrotoluene	8.033	165	25301	50.60	ng	91

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@50PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22851.D Sam Mult : 1 Vial# : 3 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 10:18 Misc : A,BNA Qt Upd On: 01/22/10 15:44

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	7.974	65	15254	50.63	ng	88
67) 2,3,4,6-Tetrachlorophenol	8.156	232	17285	51.36	ng	92
68) Fluorene	8.359	166	79249	50.50	ng	98
69) 4-Chlorophenyl-phenyle...	8.354	204	35860	49.51	ng	96
70) Diethylphthalate	8.242	149	85487	50.60	ng	98
71) 4-Nitroaniline	8.381	138	20507	52.46	ng	95
72) Atrazine	8.996	200	24598	49.17	ng	98
74) 4,6-Dinitro-2-methylph...	8.413	198	13570	50.75	ng	45
75) n-Nitrosodiphenylamine	8.466	169	70502	50.59	ng	100
77) 1,2-Diphenylhydrazine	8.504	77	100230	49.62	ng	94
78) 4-Bromophenyl-phenylether	8.830	248	21050	48.21	ng	93
79) Hexachlorobenzene	8.894	284	19302	47.21	ng	81
80) N-Octadecane	9.172	57	77557	50.18	ng	84
81) Pentachlorophenol	9.097	266	8489	48.03	ng	94
82) Phenanthrene	9.317	178	114124	48.93	ng	97
83) Anthracene	9.376	178	116616	48.88	ng	99
84) Carbazole	9.547	167	113658	49.37	ng	98
85) Di-n-butylphthalate	9.932	149	149193	48.77	ng	98
86) Fluoranthene	10.638	202	125417	49.56	ng	90
88) Pyrene	10.895	202	132084	47.87	ng	92
89) Benzidine	10.798	184	56750	82.32	ng	91
91) p,p'-DDE	11.023	246	29541	47.40	ng	88
92) Endrin	11.333	81	9678	48.63	ng	77
93) p,p'-DDD	11.424	235	50637	49.08	ng	87
94) Butylbenzylphthalate	11.686	149	71983	49.42	ng	81
95) Endrin aldehyde	11.333	67	3331	49.77	ng	62
96) p,p'-DDT	11.777	235	45931	49.59	ng	91
97) Endrin ketone	12.242	317	4427	46.98	ng	93
98) 3,3'-Dichlorobenzidine	12.296	252	34162	75.37	ng	96
99) Benzo[a]anthracene	12.317	228	123408	49.41	ng	99
100) Chrysene	12.360	228	118054	50.31	ng	99
101) bis(2-Ethylhexyl)phtha...	12.387	149	103110	50.25	ng	93
103) Di-n-octylphthalate	13.130	149	179108	49.68	ng	100
104) Benzo[b]fluoranthene	13.531	252	117793	49.34	ng	97
105) Benzo[k]fluoranthene	13.563	252	112794	49.88	ng	95
106) Benzo[a]pyrene	13.874	252	111256	50.22	ng	94
107) Indeno[1,2,3-cd]pyrene	15.099	276	115620	51.46	ng	96
108) Dibenzo[a,h]anthracene	15.109	278	94332	51.76	ng	97
109) Benzo[g,h,i]perylene	15.425	276	95559	51.02	ng	93

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

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@2PPM
 Data File: 9M22852.D
 Acq On : 01/25/10 10:43

Operator : AHD
 Sam Mult : 1 Vial# : 4
 Misc : A,BNA

Qt Meth : 9M_0125.M
 Qt On : 01/25/10 15:39
 Qt Upd On: 01/25/10 15:38

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	18200	40.00	ng	0.00
29) Naphthalene-d8	6.482	136	73547	40.00	ng	0.00
47) Acenaphthene-d10	7.867	164	41429	40.00	ng	0.00
73) Phenanthrene-d10	9.296	188	70218	40.00	ng	0.00
87) Chrysene-d12	12.323	240	63794	40.00	ng	0.00
102) Perylene-d12	13.927	264	69931	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.268	112	879	1.56	ng	0.02
Spiked Amount 100.000			Recovery =		1.56%	
15) Phenol-d5	5.182	99	1622	1.93	ng	0.01
Spiked Amount 100.000			Recovery =		1.93%	
30) Nitrobenzene-d5	5.931	128	299	0.93	ng	0.00
Spiked Amount 50.000			Recovery =		1.86%	
52) 2-Fluorobiphenyl	7.300	172	1693	1.17	ng	0.00
Spiked Amount 50.000			Recovery =		2.34%	
76) 2,4,6-Tribromophenol	8.595	330	254	1.94	ng	0.00
Spiked Amount 100.000			Recovery =		1.94%	
90) Terphenyl-d14	11.087	244	1997	1.12	ng	0.00
Spiked Amount 50.000			Recovery =		2.24%	
Target Compounds						
						Qvalue
8) Pyridine	2.604	79	119	0.22	ng	48
9) N-Nitrosodimethylamine	2.487	74	457	1.23	ng	85
11) Benzaldehyde	5.102	77	1530	2.11	ng	95
12) Aniline	5.198	93	1513	1.67	ng	3
13) Pentachloroethane	5.225	117	863	2.54	ng	95
14) bis(2-Chloroethyl)ether	5.257	93	1494	2.33	ng	77
16) Phenol	5.198	94	2185	2.44	ng	72
17) 2-Chlorophenol	5.295	128	1405	2.19	ng	72
18) N-Decane	5.343	57	2323	2.48	ng	79
19) 1,3-Dichlorobenzene	5.423	146	1577	2.31	ng	83
20) 1,4-Dichlorobenzene	5.487	146	1900	2.60	ng	86
21) 1,2-Dichlorobenzene	5.610	146	1459	2.24	ng	91
22) Benzyl alcohol	5.610	108	684m	1.67	ng	
23) bis(2-chloroisopropyl)...	5.707	45	2385	2.39	ng	83
24) 2-Methylphenol	5.696	108	1366	2.23	ng	94
25) Acetophenone	5.814	105	2575	2.58	ng	67
26) Hexachloroethane	5.883	117	653	2.19	ng	85
27) N-Nitroso-di-n-propyla...	5.814	70	1364	2.39	ng	82
28) 3&4-Methylphenol	5.835	108	1231	1.98	ng	66
31) Nitrobenzene	5.947	77	2022	2.41	ng	97
32) Isophorone	6.134	82	3272	2.22	ng	81
33) 2-Nitrophenol	6.199	139	669	1.89	ng	83
34) 2,4-Dimethylphenol	6.236	107	1403	1.94	ng	72
35) Benzoic Acid	0.000		0	N.D.	d	
36) bis(2-Chloroethoxy)met...	6.300	93	1806	2.21	ng	97
37) 2,4-Dichlorophenol	6.391	162	1000	1.89	ng	82
38) 1,2,4-Trichlorobenzene	6.445	180	1447	2.33	ng	98
39) Naphthalene	6.504	128	4851	2.41	ng	94
40) 4-Chloroaniline	6.552	127	1083	1.26	ng	96
41) Hexachlorobutadiene	6.589	225	945	2.70	ng	84
42) Caprolactam	6.792	113	481	1.95	ng	60
43) 4-Chloro-3-methylphenol	6.910	107	1107	1.78	ng	84
44) 2-Methylnaphthalene	7.022	142	3248	2.43	ng	96
45) Methylnaphthalenes (To...	7.022	142	3248	2.43	ng	96
46) 1,1'-Biphenyl	7.386	154	5000	2.38	ng	95
48) 1,2,4,5-Tetrachloroben...	7.151	216	1447	2.28	ng	91
49) Hexachlorocyclopentadiene	0.000		0	N.D.		
50) 2,4,6-Trichlorophenol	7.247	196	733	2.07	ng	98
51) 2,4,5-Trichlorophenol	7.284	196	776m	2.03	ng	
53) 2-Chloronaphthalene	7.407	162	2784	2.27	ng	90
54) 1,4-Dimethylnaphthalene	7.675	156	3499	2.45	ng	96
55) Dimethylnaphthalenes (...)	7.675	156	3499	2.45	ng	96
56) Diphenyl Ether	7.466	170	2154	2.27	ng	97
57) 2-Nitroaniline	7.488	65	1201	2.31	ng	68
58) Acenaphthylene	7.744	152	5104	2.47	ng	88
59) Dimethylphthalate	7.627	163	3657	2.49	ng	96
60) 2,6-Dinitrotoluene	7.680	165	705	2.16	ng	88
61) Acenaphthene	7.894	153	3456	2.61	ng	94
62) 3-Nitroaniline	7.835	138	527	1.77	ng	41
63) 2,4-Dinitrophenol	0.000		0	N.D.		
64) Dibenzofuran	8.049	168	4325	2.44	ng	82
65) 2,4-Dinitrotoluene	8.039	165	992	2.20	ng	68

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@2PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22852.D Sam Mult : 1 Vial# : 4 Qt On : 01/25/10 15:39
 Acq On : 01/25/10 10:43 Misc : A,BNA Qt Upd On: 01/25/10 15:38

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	8.001	65	334	1.31	ng	19
67) 2,3,4,6-Tetrachlorophenol	8.162	232	578	1.88	ng	78
68) Fluorene	8.359	166	3665	2.49	ng	98
69) 4-Chlorophenyl-phenyle...	8.354	204	1695	2.56	ng	74
70) Diethylphthalate	8.236	149	3648	2.37	ng	98
71) 4-Nitroaniline	8.386	138	636	1.74	ng	89
72) Atrazine	8.991	200	1183	2.55	ng	80
74) 4,6-Dinitro-2-methylph...	8.424	198	91	0.35	ng	56
75) n-Nitrosodiphenylamine	8.466	169	2762	2.15	ng	90
77) 1,2-Diphenylhydrazine	8.504	77	4266	2.24	ng	99
78) 4-Bromophenyl-phenylether	8.830	248	863	2.20	ng	93
79) Hexachlorobenzene	8.894	284	1103	3.08	ng	80
80) N-Octadecane	9.172	57	3270	2.26	ng	72
81) Pentachlorophenol	0.000		0	N.D.		
82) Phenanthrene	9.317	178	5497	2.52	ng	94
83) Anthracene	9.376	178	5512	2.49	ng	92
84) Carbazole	9.547	167	4917	2.29	ng	94
85) Di-n-butylphthalate	9.932	149	6879	2.42	ng	97
86) Fluoranthene	10.638	202	5363	2.30	ng	87
88) Pyrene	10.895	202	5781	2.23	ng	90
89) Benzidine	10.809	184	1047	0.89	ng	64
91) p,p'-DDE	11.023	246	1314	2.25	ng	84
92) Endrin	11.339	81	434	2.33	ng	88
93) p,p'-DDD	11.419	235	1975	2.07	ng	74
94) Butylbenzylphthalate	11.681	149	3008	2.19	ng	78
95) Endrin aldehyde	11.339	67	66m	1.07	ng	
96) p,p'-DDT	11.772	235	1791	2.05	ng	86
97) Endrin ketone	12.248	317	61	0.75	ng	54
98) 3,3'-Dichlorobenzidine	12.296	252	1430	2.02	ng	89
99) Benzo[a]anthracene	12.312	228	5960	2.48	ng	95
100) Chrysene	12.355	228	5492	2.43	ng	97
101) bis(2-Ethylhexyl)phtha...	12.387	149	4738	2.41	ng	85
103) Di-n-octylphthalate	13.130	149	7912	2.26	ng	96
104) Benzo[b]fluoranthene	13.532	252	5781	2.45	ng	76
105) Benzo[k]fluoranthene	13.558	252	5352	2.41	ng	100
106) Benzo[a]pyrene	13.874	252	5248	2.39	ng	95
107) Indeno[1,2,3-cd]pyrene	15.099	276	5480	2.39	ng	89
108) Dibenzo[a,h]anthracene	15.109	278	4087	2.22	ng	91
109) Benzo[g,h,i]perylene	15.430	276	5206	2.66	ng	94

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

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22853.D Sam Mult : 1 Vial# : 5 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 11:07 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	20036	40.00	ng	-0.01
29) Naphthalene-d8	6.482	136	81108	40.00	ng	-0.02
47) Acenaphthene-d10	7.867	164	44129	40.00	ng	-0.01
73) Phenanthrene-d10	9.290	188	73807	40.00	ng	-0.02
87) Chrysene-d12	12.323	240	66205	40.00	ng	-0.02
102) Perylene-d12	13.927	264	70504	40.00	ng	-0.02
System Monitoring Compounds						
10) 2-Fluorophenol	4.252	112	5726	9.07	ng	0.00
Spiked Amount 100.000			Recovery	=	9.07%	
15) Phenol-d5	5.172	99	9287	9.89	ng	-0.01
Spiked Amount 100.000			Recovery	=	9.89%	
30) Nitrobenzene-d5	5.931	128	1669	4.65	ng	-0.01
Spiked Amount 50.000			Recovery	=	9.30%	
52) 2-Fluorobiphenyl	7.300	172	7215	4.63	ng	-0.01
Spiked Amount 50.000			Recovery	=	9.26%	
76) 2,4,6-Tribromophenol	8.589	330	1106	7.44	ng	-0.02
Spiked Amount 100.000			Recovery	=	7.44%	
90) Terphenyl-d14	11.087	244	8494	4.62	ng	-0.02
Spiked Amount 50.000			Recovery	=	9.24%	
Target Compounds						
						Qvalue
8) Pyridine	2.535	79	5885	8.69	ng	78
9) N-Nitrosodimethylamine	2.449	74	3829	9.09	ng	92
11) Benzaldehyde	5.091	77	7469	10.44	ng	93
12) Aniline	5.188	93	7581	9.01	ng	8
13) Pentachloroethane	5.225	117	3775	10.41	ng	93
14) bis(2-Chloroethyl)ether	5.252	93	7385	10.56	ng	87
16) Phenol	5.182	94	8210	8.22	ng	78
17) 2-Chlorophenol	5.295	128	6402	8.88	ng	87
18) N-Decane	5.343	57	9961	10.11	ng	85
19) 1,3-Dichlorobenzene	5.423	146	7376	9.73	ng	93
20) 1,4-Dichlorobenzene	5.487	146	7729	9.73	ng	96
21) 1,2-Dichlorobenzene	5.610	146	6632	9.21	ng	90
22) Benzyl alcohol	5.600	108	4308	8.89	ng	75
23) bis(2-chloroisopropyl)...	5.707	45	10319	9.29	ng	66
24) 2-Methylphenol	5.696	108	6845	9.83	ng	87
25) Acetophenone	5.808	105	10976	9.71	ng	78
26) Hexachloroethane	5.883	117	3316	9.87	ng	85
27) N-Nitroso-di-n-propyla...	5.808	70	6270	9.57	ng	90
28) 3&4-Methylphenol	5.824	108	6616	9.24	ng	98
31) Nitrobenzene	5.947	77	8648	9.19	ng	91
32) Isophorone	6.129	82	14834	8.72	ng	96
33) 2-Nitrophenol	6.199	139	3659	9.26	ng	86
34) 2,4-Dimethylphenol	6.231	107	7567	8.83	ng	97
35) Benzoic Acid	6.354	105	972m	2.01	ng	
36) bis(2-Chloroethoxy)met...	6.300	93	8535	9.20	ng	95
37) 2,4-Dichlorophenol	6.386	162	5489	9.25	ng	88
38) 1,2,4-Trichlorobenzene	6.439	180	6770	10.14	ng	95
39) Naphthalene	6.498	128	21791	9.66	ng	97
40) 4-Chloroaniline	6.546	127	5681	12.42	ng	95
41) Hexachlorobutadiene	6.589	225	3530	9.36	ng	95
42) Caprolactam	6.792	113	2492	8.75	ng	79
43) 4-Chloro-3-methylphenol	6.905	107	6477	8.76	ng	93
44) 2-Methylnaphthalene	7.022	142	13821	9.35	ng	98
45) Methylnaphthalenes (To...	7.022	142	13821	9.35	ng	98
46) 1,1'-Biphenyl	7.381	154	22385	9.29	ng	97
48) 1,2,4,5-Tetrachloroben...	7.151	216	6424	9.76	ng	100
49) Hexachlorocyclopentadiene	7.140	237	134m	0.97	ng	
50) 2,4,6-Trichlorophenol	7.242	196	3473	9.15	ng	96
51) 2,4,5-Trichlorophenol	7.274	196	4015	9.48	ng	90
53) 2-Chloronaphthalene	7.402	162	12595	9.68	ng	97
54) 1,4-Dimethylnaphthalene	7.675	156	15407	10.18	ng	94
55) Dimethylnaphthalenes (...)	7.675	156	15407	10.18	ng	94
56) Diphenyl Ether	7.466	170	9965	9.82	ng	80
57) 2-Nitroaniline	7.482	65	6149	11.05	ng	67
58) Acenaphthylene	7.744	152	22217	10.14	ng	99
59) Dimethylphthalate	7.627	163	14658	9.30	ng	98
60) 2,6-Dinitrotoluene	7.680	165	3435	9.70	ng	89
61) Acenaphthene	7.894	153	13787	9.92	ng	93
62) 3-Nitroaniline	7.830	138	3135	11.77	ng	64
63) 2,4-Dinitrophenol	7.942	184	525	3.24	ng	59
64) Dibenzofuran	8.044	168	18966	10.20	ng	95
65) 2,4-Dinitrotoluene	8.033	165	4382	8.81	ng	85

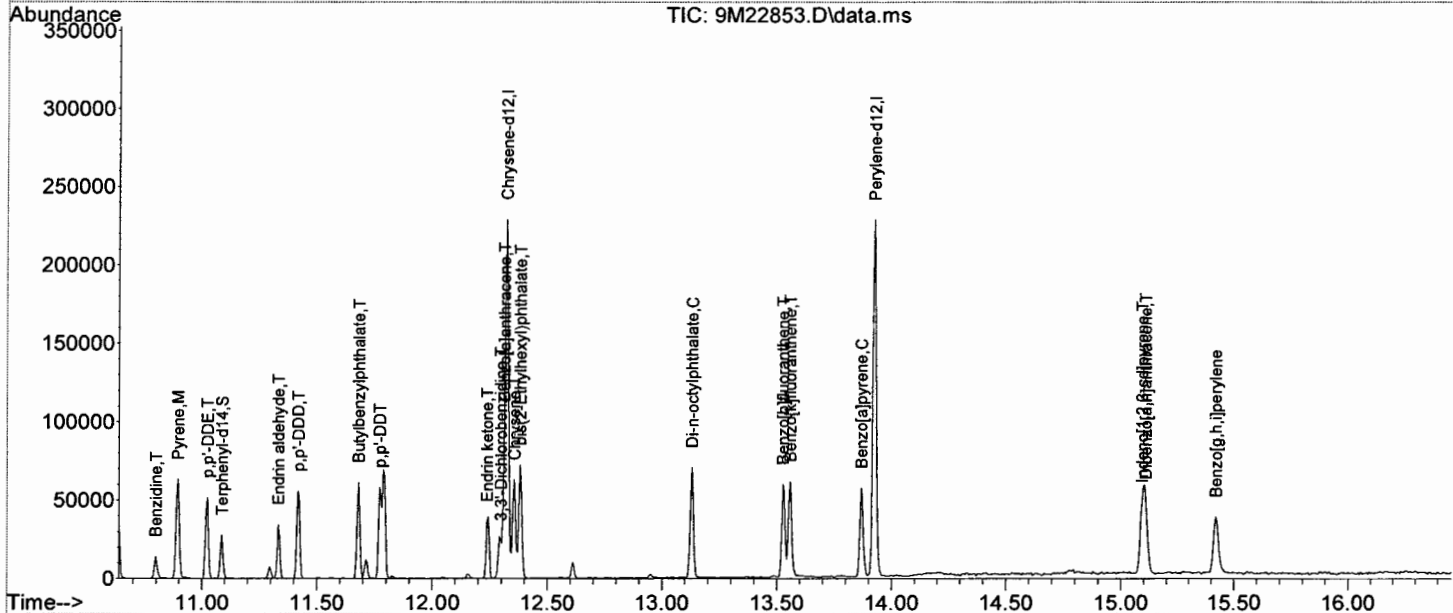
Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@10PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22853.D Sam Mult : 1 Vial# : 5 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 11:07 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GCMSData\2010\GCMS_9\Data\01-25-10\
 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	7.980	65	2229	7.43	ng	51
67) 2,3,4,6-Tetrachlorophenol	8.156	232	3226	9.63	ng	85
68) Fluorene	8.360	166	15351	9.83	ng	95
69) 4-Chlorophenyl-phenyle...	8.354	204	6949	9.64	ng	91
70) Diethylphthalate	8.236	149	16107	9.58	ng	95
71) 4-Nitroaniline	8.376	138	3748	9.63	ng	95
72) Atrazine	8.991	200	5045	10.13	ng	95
74) 4,6-Dinitro-2-methylph...	8.413	198	1502	5.74	ng	24
75) n-Nitrosodiphenylamine	8.461	169	12501	9.17	ng	94
77) 1,2-Diphenylhydrazine	8.504	77	19199	9.71	ng	92
78) 4-Bromophenyl-phenylether	8.825	248	3874	9.07	ng	89
79) Hexachlorobenzene	8.894	284	3632	9.08	ng	68
80) N-Octadecane	9.172	57	13805	9.13	ng	77
81) Pentachlorophenol	9.098	266	705	4.08	ng	85
82) Phenanthrene	9.317	178	21754	9.53	ng	94
83) Anthracene	9.370	178	21913	9.39	ng	99
84) Carbazole	9.542	167	21968	9.75	ng	98
85) Di-n-butylphthalate	9.932	149	27170	9.08	ng	97
86) Fluoranthene	10.633	202	22844	9.22	ng	97
88) Pyrene	10.895	202	26085	9.72	ng	90
89) Benzidine	10.798	184	6358	9.48	ng	92
91) p,p'-DDE	11.023	246	5508	9.08	ng	92
92) Endrin	11.333	81	1629	8.41	ng	81
93) p,p'-DDD	11.419	235	9132	9.10	ng	83
94) Butylbenzylphthalate	11.681	149	13099	9.24	ng	83
95) Endrin aldehyde	11.333	67	740m	11.36	ng	
96) p,p'-DDT	11.772	235	8491	9.42	ng	90
97) Endrin ketone	12.237	317	796	8.68	ng	87
98) 3,3'-Dichlorobenzidine	12.296	252	5753	13.04	ng	94
99) Benzo[a]anthracene	12.312	228	24450	10.06	ng	98
100) Chrysene	12.355	228	23072	10.10	ng	98
101) bis(2-Ethylhexyl)phtha...	12.382	149	19259	9.65	ng	97
103) Di-n-octylphthalate	13.131	149	31655	8.86	ng	99
104) Benzo[b]fluoranthene	13.526	252	21992	9.30	ng	94
105) Benzo[k]fluoranthene	13.558	252	21665	9.67	ng	95
106) Benzo[a]pyrene	13.869	252	20529	9.35	ng	95
107) Indeno[1,2,3-cd]pyrene	15.093	276	21415	9.62	ng	89
108) Dibenzo[a,h]anthracene	15.109	278	17533	9.71	ng	96
109) Benzo[g,h,i]perylene	15.420	276	18590	10.02	ng	92

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



Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@20PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22854.D Sam Mult : 1 Vial# : 6 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 11:30 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	41194	40.00	ng	-0.01
29) Naphthalene-d8	6.487	136	154779	40.00	ng	-0.01
47) Acenaphthene-d10	7.867	164	87022	40.00	ng	-0.01
73) Phenanthrene-d10	9.295	188	141782	40.00	ng	-0.01
87) Chrysene-d12	12.328	240	127550	40.00	ng	-0.02
102) Perylene-d12	13.933	264	134179	40.00	ng	-0.01
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	26727	20.60	ng	-0.01
Spiked Amount 100.000			Recovery	=	20.60%	
15) Phenol-d5	5.172	99	38656	20.03	ng	-0.01
Spiked Amount 100.000			Recovery	=	20.03%	
30) Nitrobenzene-d5	5.931	128	7266	10.61	ng	-0.01
Spiked Amount 50.000			Recovery	=	21.22%	
52) 2-Fluorobiphenyl	7.300	172	32260	10.49	ng	-0.01
Spiked Amount 50.000			Recovery	=	20.98%	
76) 2,4,6-Tribromophenol	8.589	330	5508	19.28	ng	-0.02
Spiked Amount 100.000			Recovery	=	19.28%	
90) Terphenyl-d14	11.087	244	37279	10.53	ng	-0.02
Spiked Amount 50.000			Recovery	=	21.06%	
Target Compounds						
						Qvalue
8) Pyridine	2.497	79	27504	19.75	ng	73
9) N-Nitrosodimethylamine	2.428	74	18000	20.79	ng	90
11) Benzaldehyde	5.091	77	29931	20.36	ng	90
12) Aniline	5.188	93	45584	26.34	ng	18
13) Pentachloroethane	5.225	117	15177	20.36	ng	82
14) bis(2-Chloroethyl)ether	5.252	93	29605	20.59	ng	85
16) Phenol	5.182	94	41949	20.42	ng	74
17) 2-Chlorophenol	5.289	128	30043	20.27	ng	90
18) N-Decane	5.343	57	43001	21.23	ng	82
19) 1,3-Dichlorobenzene	5.418	146	31399	20.15	ng	95
20) 1,4-Dichlorobenzene	5.487	146	34207	20.94	ng	98
21) 1,2-Dichlorobenzene	5.610	146	31435	21.24	ng	96
22) Benzyl alcohol	5.594	108	19563	19.62	ng	100
23) bis(2-chloroisopropyl)...	5.706	45	46509	20.37	ng	79
24) 2-Methylphenol	5.696	108	29731	20.76	ng	97
25) Acetophenone	5.808	105	46306	19.93	ng	72
26) Hexachloroethane	5.883	117	13992	20.25	ng	98
27) N-Nitroso-di-n-propyla...	5.808	70	26289	19.51	ng	98
28) 3&4-Methylphenol	5.819	108	29837	20.27	ng	88
31) Nitrobenzene	5.942	77	36992	20.60	ng	92
32) Isophorone	6.134	82	66253	20.41	ng	95
33) 2-Nitrophenol	6.193	139	15706	20.83	ng	88
34) 2,4-Dimethylphenol	6.231	107	32681	19.98	ng	98
35) Benzoic Acid	6.316	105	10341m	11.22	ng	
36) bis(2-Chloroethoxy)met...	6.300	93	36925	20.86	ng	98
37) 2,4-Dichlorophenol	6.386	162	24439	21.59	ng	92
38) 1,2,4-Trichlorobenzene	6.445	180	27163	21.31	ng	98
39) Naphthalene	6.503	128	89028	20.68	ng	98
40) 4-Chloroaniline	6.546	127	36388	41.70	ng	97
41) Hexachlorobutadiene	6.589	225	15225	21.15	ng	92
42) Caprolactam	6.808	113	11779	21.67	ng	64
43) 4-Chloro-3-methylphenol	6.910	107	29045	20.59	ng	84
44) 2-Methylnaphthalene	7.022	142	60813	21.55	ng	97
45) Methylnaphthalenes (To...	7.022	142	60813	21.55	ng	97
46) 1,1'-Biphenyl	7.381	154	92877	20.20	ng	95
48) 1,2,4,5-Tetrachloroben...	7.151	216	28218	21.74	ng	93
49) Hexachlorocyclopentadiene	7.140	237	3814	13.95	ng	91
50) 2,4,6-Trichlorophenol	7.242	196	15772	21.07	ng	98
51) 2,4,5-Trichlorophenol	7.274	196	16459	19.70	ng	99
53) 2-Chloronaphthalene	7.402	162	54283	21.16	ng	99
54) 1,4-Dimethylnaphthalene	7.675	156	63716	21.34	ng	96
55) Dimethylnaphthalenes (...)	7.675	156	63716	21.34	ng	96
56) Diphenyl Ether	7.466	170	42138	21.06	ng	87
57) 2-Nitroaniline	7.482	65	26824	24.44	ng	78
58) Acenaphthylene	7.750	152	91693	21.23	ng	98
59) Dimethylphthalate	7.627	163	64884	20.87	ng	99
60) 2,6-Dinitrotoluene	7.685	165	14607	20.91	ng	67
61) Acenaphthene	7.894	153	57842	21.10	ng	92
62) 3-Nitroaniline	7.830	138	15144	28.82	ng	61
63) 2,4-Dinitrophenol	7.926	184	5490	17.18	ng	72
64) Dibenzofuran	8.049	168	79560	21.71	ng	87
65) 2,4-Dinitrotoluene	8.033	165	20505	20.90	ng	91

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@20PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22854.D Sam Mult : 1 Vial# : 6 Qt On : 01/25/10 12:30
 Acq On : 01/25/10 11:30 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	7.974	65	11709	19.80	ng	85
67) 2,3,4,6-Tetrachlorophenol	8.156	232	13926	21.08	ng	93
68) Fluorene	8.359	166	65629	21.31	ng	98
69) 4-Chlorophenyl-phenyle...	8.354	204	28841	20.29	ng	95
70) Diethylphthalate	8.242	149	66597	20.09	ng	99
71) 4-Nitroaniline	8.381	138	17223	22.45	ng	94
72) Atrazine	8.996	200	19735	20.10	ng	98
74) 4,6-Dinitro-2-methylph...	8.413	198	10634	21.16	ng	47
75) n-Nitrosodiphenylamine	8.466	169	56184	21.45	ng	96
77) 1,2-Diphenylhydrazine	8.504	77	80819	21.28	ng	93
78) 4-Bromophenyl-phenylether	8.830	248	16110	19.63	ng	91
79) Hexachlorobenzene	8.894	284	15447	20.10	ng	77
80) N-Octadecane	9.172	57	60016	20.66	ng	83
81) Pentachlorophenol	9.098	266	6119	18.42	ng	92
82) Phenanthrene	9.322	178	93157	21.25	ng	97
83) Anthracene	9.376	178	92506	20.63	ng	100
84) Carbazole	9.547	167	90391	20.89	ng	98
85) Di-n-butylphthalate	9.932	149	122223	21.26	ng	98
86) Fluoranthene	10.638	202	100785	21.19	ng	91
88) Pyrene	10.895	202	107502	20.78	ng	93
89) Benzidine	10.798	184	48190	37.29	ng	89
91) p,p'-DDE	11.023	246	24412	20.89	ng	85
92) Endrin	11.339	81	7913	21.21	ng	76
93) p,p'-DDD	11.424	235	40370	20.87	ng	88
94) Butylbenzylphthalate	11.686	149	56288	20.61	ng	81
95) Endrin aldehyde	11.333	67	2724	21.71	ng	58
96) p,p'-DDT	11.777	235	36813	21.20	ng	92
97) Endrin ketone	12.243	317	3781	21.41	ng	97
98) 3,3'-Dichlorobenzidine	12.296	252	28880	33.99	ng	92
99) Benzo[a]anthracene	12.317	228	98826	21.11	ng	98
100) Chrysene	12.360	228	94356	21.45	ng	100
101) bis(2-Ethylhexyl)phtha...	12.387	149	81589	21.21	ng	95
103) Di-n-octylphthalate	13.130	149	142183	20.91	ng	97
104) Benzo[b]fluoranthene	13.532	252	95231	21.15	ng	95
105) Benzo[k]fluoranthene	13.564	252	89005	20.87	ng	94
106) Benzo[a]pyrene	13.874	252	87906	21.04	ng	93
107) Indeno[1,2,3-cd]pyrene	15.099	276	92004	21.71	ng	96
108) Dibenzo[a,h]anthracene	15.109	278	75446	21.95	ng	94
109) Benzo[g,h,i]perylene	15.425	276	75519	21.38	ng	93

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

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@80PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22855.D Sam Mult : 1 Vial# : 7 Qt On : 01/25/10 12:31
 Acq On : 01/25/10 11:54 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	21163	40.00	ng	-0.01
29) Naphthalene-d8	6.487	136	80620	40.00	ng	-0.01
47) Acenaphthene-d10	7.867	164	45826	40.00	ng	-0.01
73) Phenanthrene-d10	9.295	188	71733	40.00	ng	-0.01
87) Chrysene-d12	12.333	240	61909	40.00	ng	-0.01
102) Perylene-d12	13.927	264	67437	40.00	ng	-0.02
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	54594	81.89	ng	-0.01
Spiked Amount 100.000			Recovery =	81.89%		
15) Phenol-d5	5.172	99	75988	76.65	ng	-0.01
Spiked Amount 100.000			Recovery =	76.65%		
30) Nitrobenzene-d5	5.931	128	14201	39.80	ng	-0.01
Spiked Amount 50.000			Recovery =	79.60%		
52) 2-Fluorobiphenyl	7.300	172	60226	37.20	ng	-0.01
Spiked Amount 50.000			Recovery =	74.40%		
76) 2,4,6-Tribromophenol	8.589	330	10980	75.96	ng	-0.02
Spiked Amount 100.000			Recovery =	75.96%		
90) Terphenyl-d14	11.087	244	69004	40.14	ng	-0.02
Spiked Amount 50.000			Recovery =	80.28%		
Target Compounds						
						Qvalue
8) Pyridine	2.481	79	61094	85.42	ng	82
9) N-Nitrosodimethylamine	2.428	74	35554	79.94	ng	96
11) Benzaldehyde	5.091	77	47940	63.47	ng	88
12) Aniline	5.188	93	91848	103.32	ng	17
13) Pentachloroethane	5.225	117	29673	77.47	ng	84
14) bis(2-Chloroethyl) ether	5.252	93	55937	75.73	ng	89
16) Phenol	5.188	94	80274	76.08	ng	48
17) 2-Chlorophenol	5.289	128	58904	77.38	ng	91
18) N-Decane	5.343	57	82501	79.29	ng	86
19) 1,3-Dichlorobenzene	5.423	146	62349	77.87	ng	98
20) 1,4-Dichlorobenzene	5.487	146	64388	76.74	ng	96
21) 1,2-Dichlorobenzene	5.610	146	59716	78.53	ng	99
22) Benzyl alcohol	5.594	108	39155	76.46	ng	97
23) bis(2-chloroisopropyl)...	5.706	45	89655	76.43	ng	71
24) 2-Methylphenol	5.696	108	53501	72.71	ng	96
25) Acetophenone	5.808	105	87303	73.14	ng	75
26) Hexachloroethane	5.883	117	27244	76.76	ng	95
27) N-Nitroso-di-n-propyla...	5.813	70	50008	72.24	ng	91
28) 3&4-Methylphenol	5.824	108	57735	76.34	ng	96
31) Nitrobenzene	5.947	77	69517	74.31	ng	87
32) Isophorone	6.134	82	124026	73.36	ng	95
33) 2-Nitrophenol	6.193	139	31108	79.22	ng	86
34) 2,4-Dimethylphenol	6.231	107	63597	74.65	ng	96
35) Benzoic Acid	6.327	105	32311m	67.31	ng	
36) bis(2-Chloroethoxy)met...	6.300	93	68831	74.64	ng	99
37) 2,4-Dichlorophenol	6.386	162	45659	77.43	ng	89
38) 1,2,4-Trichlorobenzene	6.445	180	52615	79.26	ng	98
39) Naphthalene	6.503	128	170014	75.81	ng	99
40) 4-Chloroaniline	6.546	127	64380	141.64	ng	100
41) Hexachlorobutadiene	6.589	225	29121	77.68	ng	97
42) Caprolactam	6.830	113	22008	77.74	ng	68
43) 4-Chloro-3-methylphenol	6.910	107	54190	73.75	ng	94
44) 2-Methylnaphthalene	7.022	142	110176	74.95	ng	96
45) Methylnaphthalenes (To...	7.022	142	110176	74.95	ng	96
46) 1,1'-Biphenyl	7.386	154	176437	73.66	ng	93
48) 1,2,4,5-Tetrachloroben...	7.151	216	53144	77.76	ng	97
49) Hexachlorocyclopentadiene	7.140	237	11832	82.20	ng	97
50) 2,4,6-Trichlorophenol	7.242	196	30915	78.44	ng	96
51) 2,4,5-Trichlorophenol	7.279	196	32044	72.85	ng	99
53) 2-Chloronaphthalene	7.407	162	102366	75.79	ng	97
54) 1,4-Dimethylnaphthalene	7.675	156	116814	74.30	ng	100
55) Dimethylnaphthalenes (...)	7.675	156	116814	74.30	ng	100
56) Diphenyl Ether	7.466	170	78873	74.86	ng	89
57) 2-Nitroaniline	7.488	65	40132	69.43	ng	77
58) Acenaphthylene	7.750	152	169461	74.49	ng	99
59) Dimethylphthalate	7.632	163	120969	73.90	ng	98
60) 2,6-Dinitrotoluene	7.685	165	27246	74.06	ng	76
61) Acenaphthene	7.899	153	107342	74.35	ng	95
62) 3-Nitroaniline	7.830	138	27968	101.08	ng	50
63) 2,4-Dinitrophenol	7.926	184	12255	72.81	ng	66
64) Dibenzofuran	8.049	168	143592	74.40	ng	93
65) 2,4-Dinitrotoluene	8.038	165	37367	72.32	ng	79

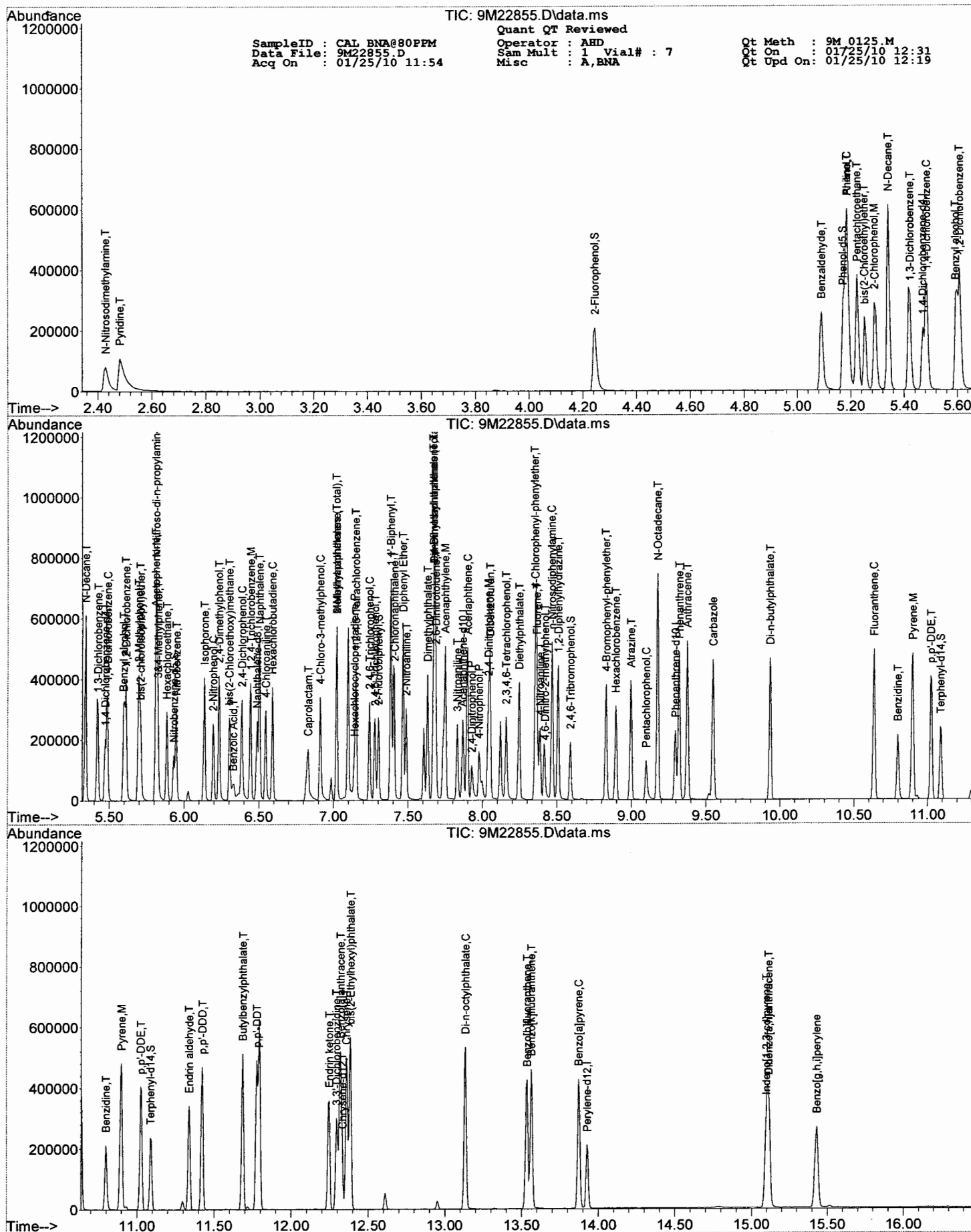
Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@80PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22855.D Sam Mult : 1 Vial# : 7 Qt On : 01/25/10 12:31
 Acq On : 01/25/10 11:54 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	7.974	65	22579	72.52	ng	84
67) 2,3,4,6-Tetrachlorophenol	8.156	232	26164	75.23	ng	90
68) Fluorene	8.365	166	121417	74.87	ng	99
69) 4-Chlorophenyl-phenyle...	8.354	204	54209	72.42	ng	100
70) Diethylphthalate	8.247	149	127148	72.82	ng	99
71) 4-Nitroaniline	8.386	138	33565	83.09	ng	96
72) Atrazine	8.996	200	38245	73.98	ng	97
74) 4,6-Dinitro-2-methylph...	8.418	198	21036	82.73	ng	54
75) n-Nitrosodiphenylamine	8.466	169	104322	78.71	ng	99
77) 1,2-Diphenylhydrazine	8.509	77	153533	79.91	ng	92
78) 4-Bromophenyl-phenylether	8.830	248	32394	78.01	ng	95
79) Hexachlorobenzene	8.894	284	28278	72.73	ng	85
80) N-Octadecane	9.178	57	116366	79.17	ng	82
81) Pentachlorophenol	9.098	266	13948	82.97	ng	93
82) Phenanthrene	9.322	178	172809	77.90	ng	98
83) Anthracene	9.376	178	177145	78.07	ng	100
84) Carbazole	9.547	167	171480	78.32	ng	98
85) Di-n-butylphthalate	9.932	149	227882	78.33	ng	100
86) Fluoranthene	10.638	202	186872	77.64	ng	95
88) Pyrene	10.900	202	198546	79.09	ng	91
89) Benzidine	10.798	184	73660	117.44	ng	87
91) p,p'-DDE	11.023	246	46017	81.14	ng	87
92) Endrin	11.339	81	14209	78.46	ng	75
93) p,p'-DDD	11.424	235	75821	80.76	ng	87
94) Butylbenzylphthalate	11.686	149	106569	80.40	ng	82
95) Endrin aldehyde	11.339	67	5012	82.30	ng	63
96) p,p'-DDT	11.777	235	69212	82.12	ng	90
97) Endrin ketone	12.248	317	7132	83.19	ng	98
98) 3,3'-Dichlorobenzidine	12.296	252	52263	126.73	ng	97
99) Benzo[a]anthracene	12.323	228	182433	80.28	ng	99
100) Chrysene	12.360	228	173495	81.26	ng	98
101) bis(2-Ethylhexyl)phtha...	12.387	149	150547	80.64	ng	95
103) Di-n-octylphthalate	13.136	149	264183	77.31	ng	98
104) Benzo[b]fluoranthene	13.537	252	169058	74.71	ng	94
105) Benzo[k]fluoranthene	13.564	252	167705	78.24	ng	96
106) Benzo[a]pyrene	13.874	252	161022	76.69	ng	95
107) Indeno[1,2,3-cd]pyrene	15.099	276	168608	79.17	ng	95
108) Dibenzo[a,h]anthracene	15.115	278	136760	79.17	ng	94
109) Benzo[g,h,i]perylene	15.430	276	140469	79.12	ng	91

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



Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@120PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22856.D Sam Mult : 1 Vial# : 8 Qt On : 01/25/10 12:57
 Acq On : 01/25/10 12:17 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	19364	40.00	ng	-0.01
29) Naphthalene-d8	6.487	136	74226	40.00	ng	-0.01
47) Acenaphthene-d10	7.867	164	41171	40.00	ng	-0.01
73) Phenanthrene-d10	9.295	188	66425	40.00	ng	-0.01
87) Chrysene-d12	12.333	240	57283	40.00	ng	-0.01
102) Perylene-d12	13.933	264	60016	40.00	ng	-0.01
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	76428	125.29	ng	-0.01
Spiked Amount 100.000			Recovery =	125.29%		
15) Phenol-d5	5.177	99	105928	116.78	ng	0.00
Spiked Amount 100.000			Recovery =	116.78%		
30) Nitrobenzene-d5	5.931	128	19416	59.10	ng	-0.01
Spiked Amount 50.000			Recovery =	118.20%		
52) 2-Fluorobiphenyl	7.306	172	84610	58.18	ng	0.00
Spiked Amount 50.000			Recovery =	116.36%		
76) 2,4,6-Tribromophenol	8.595	330	15171	113.34	ng	-0.01
Spiked Amount 100.000			Recovery =	113.34%		
90) Terphenyl-d14	11.092	244	94310	59.30	ng	-0.01
Spiked Amount 50.000			Recovery =	118.60%		
Target Compounds						
						Qvalue
8) Pyridine	2.476	79	81066	123.87	ng	77
9) N-Nitrosodimethylamine	2.428	74	49169	120.82	ng	96
11) Benzaldehyde	5.091	77	46724	67.61	ng	92
12) Aniline	5.188	93	123011	151.23	ng	16
13) Pentachloroethane	5.225	117	41688	118.94	ng	84
14) bis(2-Chloroethyl)ether	5.257	93	78381	115.98	ng	85
16) Phenol	5.188	94	112167	116.18	ng	56
17) 2-Chlorophenol	5.295	128	82254	118.09	ng	85
18) N-Decane	5.343	57	114709	120.49	ng	86
19) 1,3-Dichlorobenzene	5.423	146	85000	116.02	ng	98
20) 1,4-Dichlorobenzene	5.487	146	89027	115.96	ng	98
21) 1,2-Dichlorobenzene	5.610	146	82012	117.87	ng	96
22) Benzyl alcohol	5.599	108	54245	115.76	ng	91
23) bis(2-chloroisopropyl)...	5.706	45	122699	114.31	ng	73
24) 2-Methylphenol	5.696	108	74172	110.16	ng	99
25) Acetophenone	5.813	105	119045	109.00	ng	74
26) Hexachloroethane	5.883	117	37000	113.93	ng	95
27) N-Nitroso-di-n-propyla...	5.813	70	70157	110.76	ng	98
28) 3&4-Methylphenol	5.824	108	77470	111.95	ng	94
31) Nitrobenzene	5.947	77	95239	110.57	ng	90
32) Isophorone	6.140	82	173465	111.44	ng	92
33) 2-Nitrophenol	6.198	139	42451	117.41	ng	93
34) 2,4-Dimethylphenol	6.236	107	87284	111.29	ng	98
35) Benzoic Acid	6.343	105	54593m	123.52	ng	
36) bis(2-Chloroethoxy)met...	6.305	93	95654	112.66	ng	97
37) 2,4-Dichlorophenol	6.386	162	64401	118.61	ng	92
38) 1,2,4-Trichlorobenzene	6.444	180	71508	117.00	ng	99
39) Naphthalene	6.503	128	231342	112.04	ng	99
40) 4-Chloroaniline	6.546	127	72827	174.03	ng	99
41) Hexachlorobutadiene	6.594	225	39537	114.55	ng	99
42) Caprolactam	6.840	113	30519	117.09	ng	73
43) 4-Chloro-3-methylphenol	6.915	107	75232	111.20	ng	90
44) 2-Methylnaphthalene	7.022	142	155001	114.52	ng	99
45) Methylnaphthalenes (To...	7.022	142	155001	114.52	ng	99
46) 1,1'-Biphenyl	7.386	154	242105	109.78	ng	95
48) 1,2,4,5-Tetrachloroben...	7.151	216	73852	120.27	ng	97
49) Hexachlorocyclopentadiene	7.140	237	19795	153.07	ng	95
50) 2,4,6-Trichlorophenol	7.241	196	42153	119.04	ng	99
51) 2,4,5-Trichlorophenol	7.279	196	45563	115.29	ng	97
53) 2-Chloronaphthalene	7.407	162	143710	118.43	ng	95
54) 1,4-Dimethylnaphthalene	7.680	156	161019	114.00	ng	98
55) Dimethylnaphthalenes (...)	7.680	156	161019	114.00	ng	98
56) Diphenyl Ether	7.466	170	110277	116.50	ng	90
57) 2-Nitroaniline	7.487	65	53468	102.96	ng	86
58) Acenaphthylene	7.750	152	235039	115.00	ng	98
59) Dimethylphthalate	7.637	163	167107	113.63	ng	99
60) 2,6-Dinitrotoluene	7.691	165	37904	114.68	ng	71
61) Acenaphthene	7.899	153	148736	114.68	ng	94
62) 3-Nitroaniline	7.835	138	33745	135.75	ng	59
63) 2,4-Dinitrophenol	7.931	184	19244	127.26	ng	85
64) Dibenzofuran	8.049	168	200904	115.87	ng	93
65) 2,4-Dinitrotoluene	8.038	165	52799	113.75	ng	92

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@120PPM Operator : AHD Qt Meth : 9M 0125.M
 Data File: 9M22856.D Sam Mult : 1 Vial# : 8 Qt On : 01/25/10 12:57
 Acq On : 01/25/10 12:17 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GCMSData\2010\GCMS_9\Data\01-25-10\
 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	7.980	65	35366	126.43	ng	89
67) 2,3,4,6-Tetrachlorophenol	8.161	232	35918	114.95	ng	88
68) Fluorene	8.365	166	165842	113.82	ng	98
69) 4-Chlorophenyl-phenyle...	8.354	204	74896	111.37	ng	99
70) Diethylphthalate	8.247	149	177810	113.35	ng	99
71) 4-Nitroaniline	8.391	138	45870	126.38	ng	94
72) Atrazine	9.001	200	52717	113.51	ng	97
74) 4,6-Dinitro-2-methylph...	8.418	198	30475	129.43	ng	34
75) n-Nitrosodiphenylamine	8.472	169	146302	119.20	ng	98
77) 1,2-Diphenylhydrazine	8.509	77	212252	119.30	ng	94
78) 4-Bromophenyl-phenylether	8.830	248	44183	114.91	ng	96
79) Hexachlorobenzene	8.899	284	42032	116.74	ng	77
80) N-Octadecane	9.178	57	163140	119.86	ng	82
81) Pentachlorophenol	9.097	266	21053	135.24	ng	97
82) Phenanthrene	9.322	178	240389	117.02	ng	98
83) Anthracene	9.376	178	243014	115.65	ng	98
84) Carbazole	9.552	167	239487	118.13	ng	98
85) Di-n-butylphthalate	9.937	149	318517	118.23	ng	98
86) Fluoranthene	10.638	202	263963	118.44	ng	97
88) Pyrene	10.900	202	278762	120.01	ng	93
89) Benzidine	10.798	184	63588	109.57	ng	93
91) p,p'-DDE	11.028	246	62275	118.68	ng	89
92) Endrin	11.338	81	20384	121.65	ng	78
93) p,p'-DDD	11.424	235	102840	118.38	ng	85
94) Butylbenzylphthalate	11.686	149	149927	122.25	ng	84
95) Endrin aldehyde	11.338	67	6771	120.17	ng	64
96) p,p'-DDT	11.777	235	95573	122.56	ng	91
97) Endrin ketone	12.248	317	9702	122.30	ng	97
98) 3,3'-Dichlorobenzidine	12.301	252	60190	157.74	ng	97
99) Benzo[a]anthracene	12.323	228	247724	117.82	ng	100
100) Chrysene	12.365	228	231291	117.08	ng	99
101) bis(2-Ethylhexyl)phtha...	12.387	149	203794	117.98	ng	94
103) Di-n-octylphthalate	13.136	149	357199	117.46	ng	99
104) Benzo[b]fluoranthene	13.537	252	238763	118.57	ng	97
105) Benzo[k]fluoranthene	13.569	252	222583	116.68	ng	95
106) Benzo[a]pyrene	13.879	252	222459	119.05	ng	95
107) Indeno[1,2,3-cd]pyrene	15.109	276	233217	123.05	ng	96
108) Dibenzo[a,h]anthracene	15.120	278	188931	122.89	ng	93
109) Benzo[g,h,i]perylene	15.436	276	192663	121.94	ng	91

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

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@160PPM
 Data File: 9M22857.D
 Acq On : 01/25/10 12:41

Operator : AHD
 Sam Mult : 1 Vial# : 9
 Misc : A,BNA

Qt Meth : 9M_0125.M
 Qt On : 01/25/10 13:06
 Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	21160	40.00	ng	-0.01
29) Naphthalene-d8	6.487	136	79020	40.00	ng	-0.01
47) Acenaphthene-d10	7.873	164	44998	40.00	ng	0.00
73) Phenanthrene-d10	9.295	188	72830	40.00	ng	-0.01
87) Chrysene-d12	12.339	240	61162	40.00	ng	0.00
102) Perylene-d12	13.933	264	64909	40.00	ng	-0.01
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	114219	171.35	ng	-0.01
Spiked Amount 100.000			Recovery =	171.35%		
15) Phenol-d5	5.182	99	162115	163.55	ng	0.00
Spiked Amount 100.000			Recovery =	163.55%		
30) Nitrobenzene-d5	5.936	128	29012	82.96	ng	0.00
Spiked Amount 50.000			Recovery =	165.92%		
52) 2-Fluorobiphenyl	7.306	172	120296	75.68	ng	0.00
Spiked Amount 50.000			Recovery =	151.36%		
76) 2,4,6-Tribromophenol	8.595	330	22985	156.62	ng	-0.01
Spiked Amount 100.000			Recovery =	156.62%		
90) Terphenyl-d14	11.092	244	138652	81.65	ng	-0.01
Spiked Amount 50.000			Recovery =	163.30%		
Target Compounds						
						Qvalue
8) Pyridine	2.481	79	117178	163.85	ng	80
9) N-Nitrosodimethylamine	2.433	74	71934	161.76	ng	94
11) Benzaldehyde	5.091	77	45236	59.90	ng	88
12) Aniline	5.193	93	180459	203.02	ng	15
13) Pentachloroethane	5.225	117	58811	153.56	ng	84
14) bis(2-Chloroethyl)ether	5.257	93	112020	151.69	ng	91
16) Phenol	5.193	94	163255	154.75	ng	55
17) 2-Chlorophenol	5.294	128	118395	155.54	ng	89
18) N-Decane	5.343	57	164931	158.53	ng	87
19) 1,3-Dichlorobenzene	5.423	146	121601	151.89	ng	99
20) 1,4-Dichlorobenzene	5.487	146	125452	149.53	ng	99
21) 1,2-Dichlorobenzene	5.610	146	116951	153.82	ng	99
22) Benzyl alcohol	5.599	108	79004	154.29	ng	98
23) bis(2-chloroisopropyl)...	5.712	45	177583	151.40	ng	75
24) 2-Methylphenol	5.696	108	109639	149.01	ng	97
25) Acetophenone	5.813	105	173915	145.72	ng	74
26) Hexachloroethane	5.888	117	53450	150.61	ng	87
27) N-Nitroso-di-n-propyla...	5.819	70	100636	145.39	ng	97
28) 3,4-Methylphenol	5.829	108	115561	152.81	ng	98
31) Nitrobenzene	5.952	77	143058	156.01	ng	90
32) Isophorone	6.140	82	257321	155.28	ng	96
33) 2-Nitrophenol	6.198	139	62863	163.32	ng	88
34) 2,4-Dimethylphenol	6.236	107	129996	155.69	ng	95
35) Benzoic Acid	6.359	105	82898m	176.18	ng	
36) bis(2-Chloroethoxy)met...	6.305	93	141546	156.60	ng	99
37) 2,4-Dichlorophenol	6.391	162	92941	160.79	ng	91
38) 1,2,4-Trichlorobenzene	6.444	180	101731	156.35	ng	98
39) Naphthalene	6.503	128	332764	151.38	ng	99
40) 4-Chloroaniline	6.546	127	90896	204.03	ng	98
41) Hexachlorobutadiene	6.594	225	55713	151.62	ng	97
42) Caprolactam	6.856	113	42933	154.72	ng	72
43) 4-Chloro-3-methylphenol	6.915	107	112984	156.87	ng	97
44) 2-Methylnaphthalene	7.022	142	220672	153.15	ng	97
45) Methylnaphthalenes (To...	7.022	142	220672	153.15	ng	97
46) 1,1'-Biphenyl	7.386	154	348205	148.31	ng	98
48) 1,2,4,5-Tetrachloroben...	7.156	216	104603	155.86	ng	97
49) Hexachlorocyclopentadiene	7.140	237	33214	234.99	ng	95
50) 2,4,6-Trichlorophenol	7.247	196	61785	159.64	ng	99
51) 2,4,5-Trichlorophenol	7.284	196	65242	151.04	ng	99
53) 2-Chloronaphthalene	7.407	162	204522	154.21	ng	98
54) 1,4-Dimethylnaphthalene	7.680	156	226107	146.47	ng	97
55) Dimethylnaphthalenes (...)	7.680	156	226107	146.47	ng	97
56) Diphenyl Ether	7.471	170	156754	151.51	ng	85
57) 2-Nitroaniline	7.493	65	77959	137.36	ng	81
58) Acenaphthylene	7.755	152	329233	147.39	ng	99
59) Dimethylphthalate	7.643	163	239543	149.03	ng	98
60) 2,6-Dinitrotoluene	7.691	165	53753	148.80	ng	79
61) Acenaphthene	7.899	153	212665	150.02	ng	94
62) 3-Nitroaniline	7.840	138	46500	171.15	ng	64
63) 2,4-Dinitrophenol	7.931	184	30836	186.58	ng	74
64) Dibenzofuran	8.054	168	286032	150.93	ng	92
65) 2,4-Dinitrotoluene	8.044	165	77838	153.43	ng	91

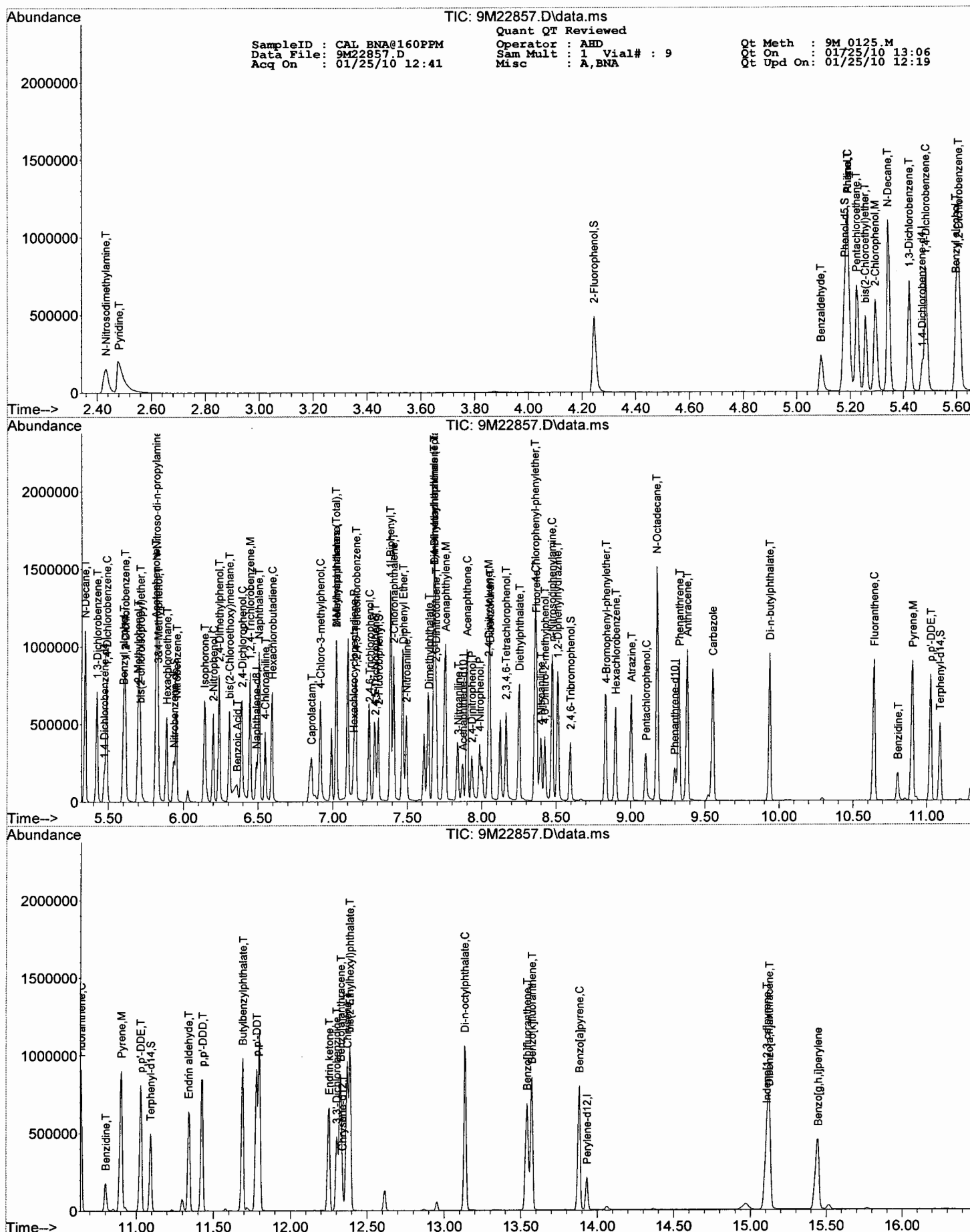
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22857.D Sam Mult : 1 Vial# : 9 Qt On : 01/25/10 13:06
 Acq On : 01/25/10 12:41 Misc : A,BNA Qt Upd On: 01/25/10 12:19

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	7.985	65	51108	167.17	ng	83
67) 2,3,4,6-Tetrachlorophenol	8.161	232	52852	154.75	ng	90
68) Fluorene	8.365	166	234099	147.00	ng	97
69) 4-Chlorophenyl-phenyle...	8.359	204	104159	141.71	ng	96
70) Diethylphthalate	8.252	149	250503	146.11	ng	99
71) 4-Nitroaniline	8.397	138	64250	161.97	ng	94
72) Atrazine	9.006	200	74074	145.93	ng	96
74) 4,6-Dinitro-2-methylph...	8.423	198	44133	170.95	ng	36
75) n-Nitrosodiphenylamine	8.472	169	204464	151.94	ng	98
77) 1,2-Diphenylhydrazine	8.509	77	308945	158.38	ng	95
78) 4-Bromophenyl-phenylether	8.835	248	63269	150.07	ng	97
79) Hexachlorobenzene	8.899	284	60123	152.30	ng	80
80) N-Octadecane	9.178	57	238950	160.12	ng	85
81) Pentachlorophenol	9.103	266	31309	183.44	ng	99
82) Phenanthrene	9.327	178	334978	148.73	ng	98
83) Anthracene	9.381	178	344143	149.38	ng	100
84) Carbazole	9.552	167	339452	152.71	ng	97
85) Di-n-butylphthalate	9.937	149	446187	151.06	ng	99
86) Fluoranthene	10.643	202	368635	150.86	ng	94
88) Pyrene	10.905	202	387455	156.23	ng	91
89) Benzidine	10.804	184	63781	102.93	ng	92
91) p,p'-DDE	11.028	246	89276	159.34	ng	89
92) Endrin	11.338	81	28551	159.58	ng	75
93) p,p'-DDD	11.429	235	143567	154.79	ng	85
94) Butylbenzylphthalate	11.691	149	208840	159.49	ng	82
95) Endrin aldehyde	11.338	67	10024	166.62	ng	64
96) p,p'-DDT	11.782	235	134710	161.79	ng	92
97) Endrin ketone	12.253	317	14067	166.08	ng	98
98) 3,3'-Dichlorobenzidine	12.301	252	79185	194.35	ng	98
99) Benzo[a]anthracene	12.328	228	340354	151.61	ng	99
100) Chrysene	12.371	228	320520	151.95	ng	98
101) bis(2-Ethylhexyl)phtha...	12.387	149	287017	155.62	ng	97
103) Di-n-octylphthalate	13.136	149	504522	153.40	ng	99
104) Benzo[b]fluoranthene	13.542	252	341041	156.59	ng	96
105) Benzo[k]fluoranthene	13.574	252	297703	144.30	ng	95
106) Benzo[a]pyrene	13.884	252	309523	153.16	ng	95
107) Indeno[1,2,3-cd]pyrene	15.109	276	322443	157.31	ng	94
108) Dibenzo[a,h]anthracene	15.125	278	259126	155.84	ng	92
109) Benzo[g,h,i]perylene	15.446	276	267997	156.83	ng	90

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



Quantitation Report (QT Reviewed)

SampleID : CAL BNA@196PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22858.D Sam Mult : 1 Vial# : 10 Qt On : 01/25/10 13:22
 Acq On : 01/25/10 13:05 Misc : A,BNA Qt Upd On: 01/25/10 13:17

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 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	5.471	152	20680	40.00	ng	0.00
29) Naphthalene-d8	6.487	136	79018	40.00	ng	0.00
47) Acenaphthene-d10	7.873	164	44170	40.00	ng	0.00
73) Phenanthrene-d10	9.301	188	72679	40.00	ng	0.00
87) Chrysene-d12	12.339	240	60845	40.00	ng	0.01
102) Perylene-d12	13.933	264	64205	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.246	112	136490	215.34	ng	0.00
Spiked Amount 100.000			Recovery =	215.34%		
15) Phenol-d5	5.182	99	189422	199.00	ng	0.01
Spiked Amount 100.000			Recovery =	199.00%		
30) Nitrobenzene-d5	5.937	128	34294	99.10	ng	0.00
Spiked Amount 50.000			Recovery =	198.20%		
52) 2-Fluorobiphenyl	7.306	172	142448	91.65	ng	0.00
Spiked Amount 50.000			Recovery =	183.30%		
76) 2,4,6-Tribromophenol	8.600	330	27879	207.30	ng	0.01
Spiked Amount 100.000			Recovery =	207.30%		
90) Terphenyl-d14	11.093	244	161946	94.86	ng	0.00
Spiked Amount 50.000			Recovery =	189.72%		
Target Compounds						
						Qvalue
8) Pyridine	2.476	79	149977	246.73	ng	81
9) N-Nitrosodimethylamine	2.433	74	88188	216.70	ng	95
11) Benzaldehyde	5.091	77	38407	61.75	ng	90
12) Aniline	5.193	93	206744	201.25	ng	15
13) Pentachloroethane	5.225	117	71203	183.12	ng	85
14) bis(2-Chloroethyl)ether	5.263	93	135421	184.61	ng	88
16) Phenol	5.193	94	196876	193.42	ng	51
17) 2-Chlorophenol	5.295	128	142144	194.60	ng	92
18) N-Decane	5.343	57	197774	184.68	ng	86
19) 1,3-Dichlorobenzene	5.423	146	145847	186.58	ng	100
20) 1,4-Dichlorobenzene	5.487	146	148811	177.11	ng	99
21) 1,2-Dichlorobenzene	5.610	146	138560	186.48	ng	96
22) Benzyl alcohol	5.605	108	94551	203.99	ng	88
23) bis(2-chloroisopropyl)...	5.712	45	211120	185.15	ng	71
24) 2-Methylphenol	5.701	108	132641	189.82	ng	98
25) Acetophenone	5.819	105	204904	178.41	ng	76
26) Hexachloroethane	5.888	117	63894	187.77	ng	85
27) N-Nitroso-di-n-propyla...	5.824	70	122128	187.20	ng	92
28) 3,4-Methylphenol	5.830	108	135173	191.08	ng	96
31) Nitrobenzene	5.953	77	169240	186.77	ng	92
32) Isophorone	6.145	82	303540	191.01	ng	94
33) 2-Nitrophenol	6.199	139	75583	199.49	ng	88
34) 2,4-Dimethylphenol	6.241	107	153828	197.68	ng	98
35) Benzoic Acid	6.370	105	106956m	308.06	ng	
36) bis(2-Chloroethoxy)met...	6.311	93	165700	187.56	ng	98
37) 2,4-Dichlorophenol	6.391	162	109372	192.31	ng	91
38) 1,2,4-Trichlorobenzene	6.445	180	121743	181.09	ng	100
39) Naphthalene	6.509	128	394695	180.60	ng	99
40) 4-Chloroaniline	6.546	127	94808	137.16	ng	100
41) Hexachlorobutadiene	6.594	225	67290	177.05	ng	96
42) Caprolactam	6.867	113	45870	170.58	ng	75
43) 4-Chloro-3-methylphenol	6.915	107	135206	202.68	ng	96
44) 2-Methylnaphthalene	7.022	142	260597	179.40	ng	98
45) Methylnaphthalenes (To...	7.022	142	260597	179.40	ng	98
46) 1,1'-Biphenyl	7.391	154	405886	177.96	ng	95
48) 1,2,4,5-Tetrachloroben...	7.156	216	124894	182.92	ng	97
49) Hexachlorocyclopentadiene	7.140	237	43487	351.65	ng	96
50) 2,4,6-Trichlorophenol	7.247	196	72077	190.07	ng	99
51) 2,4,5-Trichlorophenol	7.284	196	81893	201.33	ng	96
53) 2-Chloronaphthalene	7.407	162	241552	183.55	ng	99
54) 1,4-Dimethylnaphthalene	7.680	156	264957	171.65	ng	99
55) Dimethylnaphthalenes (...)	7.680	156	264957	171.65	ng	99
56) Diphenyl Ether	7.472	170	184183	180.54	ng	86
57) 2-Nitroaniline	7.493	65	93342	161.91	ng	83
58) Acenaphthylene	7.755	152	388393	173.62	ng	98
59) Dimethylphthalate	7.643	163	288825	182.89	ng	99
60) 2,6-Dinitrotoluene	7.696	165	62942	178.93	ng	71
61) Acenaphthene	7.905	153	252714	176.46	ng	93
62) 3-Nitroaniline	7.841	138	52135	160.65	ng	55
63) 2,4-Dinitrophenol	7.937	184	35874	241.56	ng	80
64) Dibenzofuran	8.055	168	335120	174.88	ng	92
65) 2,4-Dinitrotoluene	8.049	165	90343	186.46	ng	92

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@196PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M22858.D Sam Mult : 1 Vial# : 10 Qt On : 01/25/10 13:22
 Acq On : 01/25/10 13:05 Misc : A,BNA Qt Upd On: 01/25/10 13:17

Data Path : G:\GcMsData\2010\GCMS_9\Data\01-25-10\
 Qt Path : G:\GCMSSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	7.985	65	62760	230.74	ng	87
67) 2,3,4,6-Tetrachlorophenol	8.167	232	64816	198.18	ng	90
68) Fluorene	8.370	166	280513	176.64	ng	98
69) 4-Chlorophenyl-phenyle...	8.360	204	124045	173.41	ng	98
70) Diethylphthalate	8.253	149	300716	181.34	ng	99
71) 4-Nitroaniline	8.402	138	68924	174.27	ng	95
72) Atrazine	9.007	200	88372	176.09	ng	100
74) 4,6-Dinitro-2-methylph...	8.429	198	52885	239.05	ng	41
75) n-Nitrosodiphenylamine	8.477	169	242323	180.65	ng	98
77) 1,2-Diphenylhydrazine	8.515	77	358677	180.52	ng	92
78) 4-Bromophenyl-phenylether	8.836	248	76150	186.75	ng	98
79) Hexachlorobenzene	8.900	284	71716	178.48	ng	80
80) N-Octadecane	9.183	57	286821	190.56	ng	84
81) Pentachlorophenol	9.103	266	38933	244.93	ng	96
82) Phenanthrene	9.328	178	402549	175.63	ng	98
83) Anthracene	9.381	178	414819	178.86	ng	100
84) Carbazole	9.558	167	402493	179.60	ng	98
85) Di-n-butylphthalate	9.937	149	535957	180.23	ng	99
86) Fluoranthene	10.643	202	436631	178.76	ng	96
88) Pyrene	10.905	202	464727	187.00	ng	92
89) Benzidine	10.804	184	66948	91.67	ng	90
91) p,p'-DDE	11.028	246	105485	188.60	ng	89
92) Endrin	11.344	81	33618	188.11	ng	76
93) p,p'-DDD	11.430	235	173083	189.78	ng	86
94) Butylbenzylphthalate	11.692	149	248542	189.04	ng	85
95) Endrin aldehyde	11.344	67	12086	207.43	ng	62
96) p,p'-DDT	11.783	235	154829	184.70	ng	91
97) Endrin ketone	12.253	317	16959	222.91	ng	97
98) 3,3'-Dichlorobenzidine	12.307	252	93259	156.26	ng	97
99) Benzo[a]anthracene	12.328	228	411273	177.67	ng	99
100) Chrysene	12.376	228	380433	174.36	ng	99
101) bis(2-Ethylhexyl)phtha...	12.392	149	335661	177.23	ng	95
103) Di-n-octylphthalate	13.141	149	607247	188.11	ng	100
104) Benzo[b]fluoranthene	13.548	252	393812	180.06	ng	95
105) Benzo[k]fluoranthene	13.580	252	371355	180.32	ng	94
106) Benzo[a]pyrene	13.890	252	374443	184.55	ng	94
107) Indeno[1,2,3-cd]pyrene	15.115	276	394503	186.17	ng	88
108) Dibenzo[a,h]anthracene	15.136	278	315623	185.75	ng	90
109) Benzo[g,h,i]perylene	15.452	276	331296	183.18	ng	90

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

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	AvgRt	RT	Corr1	Corr2	%Rsd	Calibration Level Concentrations															
																		Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8	Lv9							
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) ether	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-propyl	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-Methylenphenol	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							
Isochlorone	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	0.3655	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	3.1		50.00		10.00	20.00	80.00	120.0	160.0	196.0							
bis(2-Chloroethoxy)me	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	-----	0.655	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																										

Level #:	Data File:	Cal Identifier:	Analysis Date/Time								Level #:	Data File:	Cal Identifier:	Analysis Date/Time												
			RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8				RF9	AvgRt	RT	Corr1	Corr2	%Rsd	Lvl1	Lvl2	Lvl3	Lvl4	Lvl5	Lvl6	Lvl7
1	9M23476.	CAL BNA@50PPM	0.3751	0.3381	0.3888	0.3733	0.3760	0.3573	0.3630	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		
3	9M23470.	CAL BNA@10PPM	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		
5	9M23472.	CAL BNA@80PPM	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		
7	9M23474.	CAL BNA@160PPM	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		
			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		
2,4,5-Trichlorophenol	1	0	Avg	0.3751	0.3381	0.3888	0.3733	0.3760	0.3573	0.3630	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-Dimethylnaphthalene	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	
Dimethylbiphenyls	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	
Dibhenyl 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	
Dimethylbipthalate	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	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	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
Dibenzofuran	1	0	Avg	1.6100	1.8410	1.7233	1.6557	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	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-phenyl	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	
Diethylbipthalate	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-methylb	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	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodibenzylamine	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	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	
n-Nitrosodibenzylamine	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	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	---	0.074	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-Dibenzylhydrazine	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-phenyl	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	---	0.087	8.85	0.998	0.999	22	50.00	2.00	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	
D,n-Butylbiphtalate	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	50.00	2.00							

Flags

a - failed the spec criteria
b - failed the ccc criteria
c - failed the minimum correlation coeff criteria (if applicable)

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.

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								
BuVibenzylbthalate	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	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	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	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	2.00	10.00	20.00	80.00	120.0	160.0	196.0	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	196.0
Benzofluoranthracene	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	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	196.0
bis(2-Ethylhexyl)phthalate	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	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	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0
Benzobifluoranthene	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	196.0
Benzokilfluoranthene	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	196.0
Benzofluorene	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	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0
Indenofluorene	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	196.0
Dibenzofluoranthene	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	196.0
Benzofluorene	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	196.0

Flags

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

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.

Avg Rsd: 9.25

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

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						
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

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 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)
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

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

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
 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

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

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

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)
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						
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

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

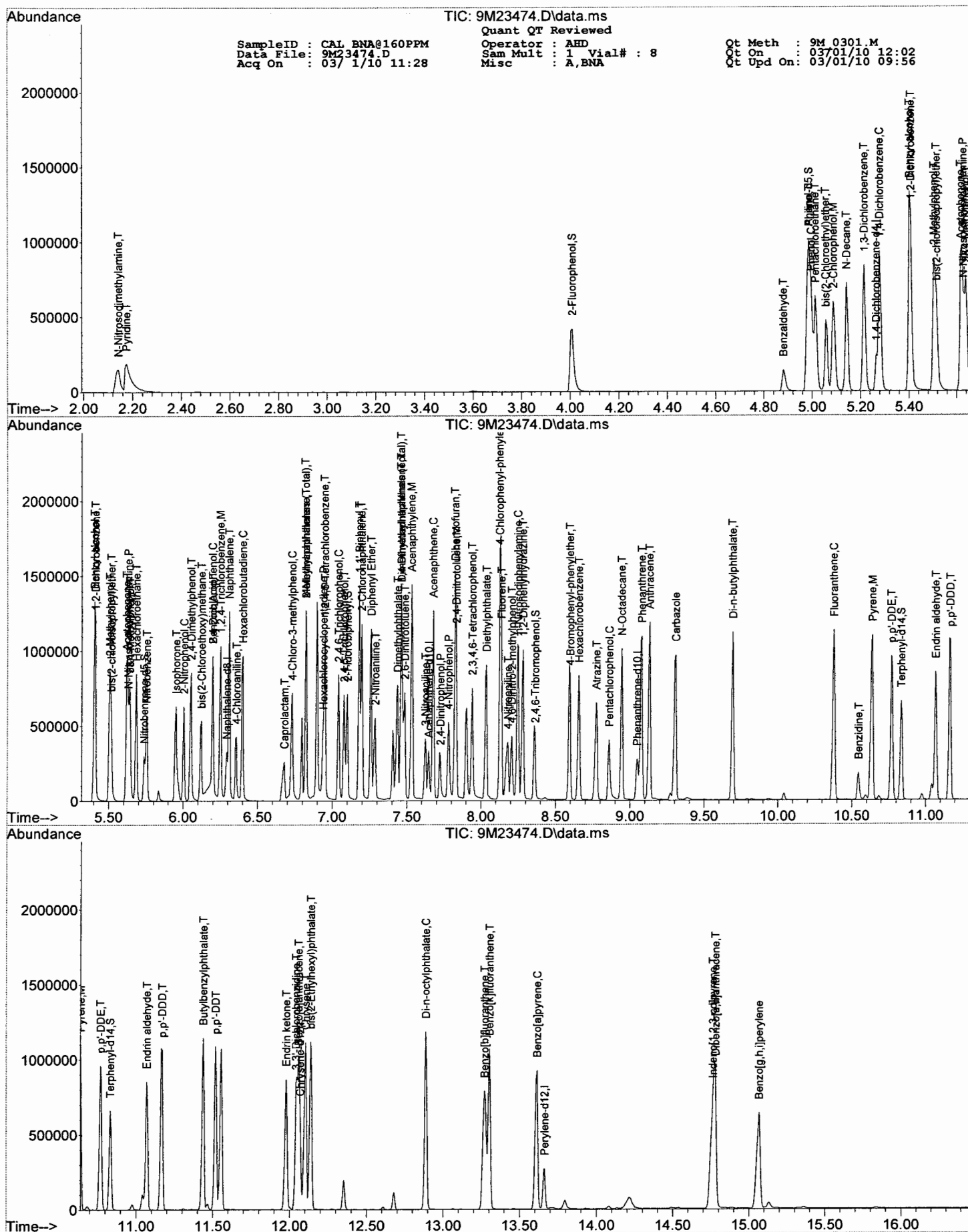
Quantitation Report (QT Reviewed)

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



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

Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Level #:	Data File:	Cal Identifier:	Analysis Date/Time	Calibration Level Concentrations									
								Lv1	Lv2	Lv3	Lv4	Lv5	Lv6	Lv7	Lv8	Lv9	
1	5M55803.	CAL BNA@50PPM	03/01/10 13:39	2	5M55794.	CAL BNA@2PPM	03/01/10 09:27	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0	
3	5M55802.	CAL BNA@10PPM	03/01/10 13:17	4	5M55801.	CAL BNA@20PPM	03/01/10 12:34	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0	
5	5M55804.	CAL BNA@80PPM	03/01/10 14:29	6	5M55798.	CAL BNA@120PPM	03/01/10 11:19	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0	
7	5M55799.	CAL BNA@160PPM	03/01/10 11:41	8	5M55800.	CAL BNA@196PPM	03/01/10 12:04	50.00	2.00	10.00	20.00	80.00	120.0	160.0	196.0	196.0	
Compound	Col	Mr	Fit:	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	RF9	AvgRt	RT	Corr1	Corr2	%Rsd
Pyrindine	1	0	Avg	1.8736	1.5883	1.6089	1.6053	1.9069	1.9302	1.9489	1.8989	---	1.80	3.01	1.00	1.00	9.1
N-Nitrosodimethylamin	1	0	Avg	1.1195	0.8753	0.9666	0.9538	1.1669	1.1612	1.1928	1.1893	---	1.08	2.94	1.00	1.00	12
2-Fluorophenol	1	0	Avg	1.5255	1.2411	1.2879	1.2856	1.5444	1.5104	1.5489	1.5225	---	1.43	4.59	0.999	0.999	9.4
Benzaldehyde	1	0	Qua	1.2590	1.3181	1.2801	1.2343	0.8657	0.4991	---	---	---	1.08	5.42	0.715	0.991	30
Aniline	1	0	Avg	2.4824	1.7256	2.0138	2.1537	2.4109	2.3107	2.2205	2.0466	---	2.17	5.51	0.992	0.999	11
Pentachloroethane	1	0	Avg	0.4698	0.5231	0.4358	0.4227	0.4588	0.4296	0.4309	0.4286	---	0.45	5.56	0.999	0.999	7.5
bis(2-Chloroethyl)ether	1	0	Avg	1.5364	1.5466	1.4644	1.3935	1.5118	1.4294	1.4091	1.3849	---	1.46	5.58	0.999	1.00	4.5
Phenol-d5	1	0	Avg	2.1075	1.9409	1.8099	1.7777	2.0719	2.0520	2.0721	2.0512	---	1.99	5.48	1.00	1.00	6.4
Phenol	1	0	Avg	2.2924	2.0724	2.0010	1.9593	2.2245	2.1678	2.1302	2.0914	---	2.12	5.49	0.999	1.00	5.2
2-Chlorophenol	1	0	Avg	1.4990	1.4197	1.3467	1.3156	1.4559	1.4139	1.4089	1.4110	---	1.41	5.62	1.00	1.00	4.1
N-Decane	1	0	Avg	1.5313	1.8036	1.5230	1.4775	1.4572	1.3819	1.3265	1.2881	---	1.47	5.67	0.997	1.00	11
1,3-Dichlorobenzene	1	0	Avg	1.5970	1.6486	1.5313	1.4386	1.5515	1.4451	1.4309	1.4256	---	1.51	5.75	0.998	0.999	5.7
1,4-Dichlorobenzene	1	0	Avg	1.5754	1.7166	1.5248	1.5095	1.5361	1.4615	1.4506	1.4325	---	1.53	5.81	0.999	1.00	6.0
1,2-Dichlorobenzene	1	0	Avg	1.4820	1.5901	1.4235	1.3668	1.4490	1.3588	1.3493	1.3357	---	1.42	5.94	0.999	1.00	6.1
Benzyl alcohol	1	0	Avg	1.0401	0.9147	0.9326	0.9005	1.0240	1.0125	1.0196	1.0019	---	0.98	5.91	1.00	1.00	5.6
bis(2-chloroisopropyl)et	1	0	Avg	1.7666	2.0484	1.7486	1.6287	1.7020	1.6675	1.6295	1.5918	---	1.72	6.03	0.999	1.00	8.4
2-Methylphenol	1	0	Avg	1.4145	1.3702	1.2794	1.2718	1.3738	1.3549	1.3543	1.3472	---	1.35	6.01	1.00	1.00	3.6
Acetophenone	1	0	Avg	1.9564	2.1658	1.9564	1.8194	1.8018	1.7454	1.6642	1.6094	---	1.84	6.13	0.996	1.00	9.8
Hexachloroethane	1	0	Avg	0.5931	0.6169	0.5601	0.5372	0.5852	0.5566	0.5562	0.5665	---	0.57	6.22	0.999	0.999	4.4
N-Nitroso-di-n-orooxla	1	0	Avg	1.0696	1.2193	1.0681	0.9822	0.9760	0.9592	0.9084	0.8800	---	1.01	6.13	0.996	1.00	11
3,8,4-Methylphenol	1	0	Avg	1.4194	1.4858	1.3557	1.3010	1.3124	1.2715	1.2077	1.1689	---	1.32	6.13	0.996	1.00	8.1
Nitrobenzene-d5	1	0	Avg	0.1777	0.1486	0.1637	0.1691	0.1787	0.1724	0.1767	0.1800	---	0.17	6.25	0.999	1.00	6.2
Nitrobenzene	1	0	Avg	0.3988	0.4169	0.3925	0.3781	0.3941	0.3753	0.3732	0.3741	---	0.38	6.27	0.999	1.00	4.0
Isophorone	1	0	Avg	0.7832	0.8732	0.7479	0.7281	0.7590	0.7430	0.7411	0.7526	---	0.76	6.45	1.00	1.00	6.0
2-Nitrophenol	1	0	Avg	0.1846	0.1351	0.1591	0.1584	0.1890	0.1843	0.1875	0.1918	---	0.17	6.52	0.996	0.998	12
2,4-Dimethylphenol	1	0	Avg	0.3899	0.3874	0.3792	0.3628	0.3802	0.3637	0.3644	0.3660	---	0.37	6.55	1.00	1.00	3.0
Benzoic Acid	1	0	Qua	0.0915	-----	0.0285	0.1021	0.1499	0.1912	0.2583	0.2846	---	0.15	6.61	0.958	0.998	59
bis(2-Chloroethoxy)mei	1	0	Avg	0.4557	0.4723	0.4537	0.4229	0.4402	0.4240	0.4190	0.4146	---	0.43	6.62	0.999	1.00	4.8
2,4-Dichlorophenol	1	0	Avg	0.2890	0.2789	0.2750	0.2669	0.2885	0.2754	0.2733	0.2763	---	0.27	6.70	0.999	1.00	2.7
1,2,4-Trichlorobenzene	1	0	Avg	0.3410	0.3664	0.3512	0.3303	0.3384	0.3157	0.3143	0.3154	---	0.33	6.77	0.999	0.999	5.7
Naphthalene	1	0	Avg	1.0715	1.1883	1.0776	1.0271	1.0212	0.9584	0.9487	0.9325	---	1.03	6.83	0.998	1.00	8.2
4-Chloroaniline	1	0	Qua	0.4301	0.3253	0.3683	0.4004	0.3775	0.3328	0.2875	0.2487	---	0.34	6.87	0.951	0.999	17
Hexachlorobutadiene	1	0	Avg	0.1853	0.2058	0.1856	0.1726	0.1799	0.1673	0.1698	0.1714	---	0.18	6.92	0.999	0.999	7.0
Caprolactam	1	0	Avg	0.1369	0.1214	0.1239	0.1158	0.1397	0.1400	0.1424	0.1426	---	0.13	7.14	1.00	1.00	8.0
4-Chloro-3-methylphen	1	0	Avg	0.3423	0.3129	0.3098	0.2988	0.3389	0.3378	0.3415	0.3387	---	0.32	7.23	1.00	1.00	5.3
2-Methylnaphthalene	1	0	Avg	0.7343	0.7326	0.7255	0.6780	0.6961	0.6534	0.6544	0.6413	---	0.69	7.37	0.999	0.999	7.4
Methylnaphthalenes (T	1	0	Avg	0.7343	0.7326	0.7255	0.6780	0.6961	0.6534	0.6544	0.6413	---	0.69	7.37	0.999	0.999	7.4
1,1-Biphenyl	1	0	Avg	0.8822	1.1006	0.8924	0.8272	0.8317	0.7941	0.7997	0.7852	---	0.86	7.74	0.999	1.00	12
1,2,4,5-Tetrachloroben.	1	0	Avg	0.5800	0.6360	0.6052	0.5780	0.5568	0.5183	0.5038	0.4999	---	0.56	7.50	0.998	0.999	8.8
Hexachlorocyclopentac	1	0	Qua	0.2779	-----	0.2050	0.2334	0.2851	0.2697	0.2793	0.2819	---	0.26	7.49	0.999	0.999	12
2,4,6-Trichlorophenol	1	0	Avg	0.3766	0.3276	0.3555	0.3500	0.3791	0.3597	0.3600	0.3535	---	0.35	7.59	0.999	0.999	4.5

Flags

a - failed the spec criteria

* - ccc compound

b - failed the ccc criteria

** - spec compound

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

Note:

Avg Rsd: 8.89

Corr 1 = Correlation Coefficient for linear Eq.

Corr 2 = Correlation Coefficient for quad Eq.

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

Level #:	Data File:	Cal Identifier:	Analysis Date/Time								Level #:	Data File:	Cal Identifier:	Analysis Date/Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Note:

Avg Rsd: 8.89

Corr 1 = Correlation Coefficient for linear Eq.

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

Level #:	Data File:	Cal Identifier:	Analysis Date/Time								Level #:	Data File:	Cal Identifier:	Analysis Date/Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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Flags

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

Note:

Avg Rsd: 8.89
 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.

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55803.D Sam Mult : 1 Vial# : 2 Qt On : 03/01/10 14:10
 Acq On : 03/ 1/10 13:39 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.803	152	50691	40.00	ng	-0.05
29) Naphthalene-d8	6.812	136	201082	40.00	ng	-0.06
47) Acenaphthene-d10	8.249	164	114396	40.00	ng	-0.06
73) Phenanthrene-d10	9.713	188	214251	40.00	ng	-0.06
87) Chrysene-d12	12.779	240	178915	40.00	ng	-0.07
102) Perylene-d12	14.404	264	182794	40.00	ng	-0.07
System Monitoring Compounds						
10) 2-Fluorophenol	4.590	112	96666	51.62	ng	-0.06
Spiked Amount 100.000			Recovery	=	51.62%	
15) Phenol-d5	5.482	99	133541	53.17	ng	-0.05
Spiked Amount 100.000			Recovery	=	53.17%	
30) Nitrobenzene-d5	6.251	128	22338	29.00	ng	-0.06
Spiked Amount 50.000			Recovery	=	58.00%	
52) 2-Fluorobiphenyl	7.656	172	96576	25.28	ng	-0.06
Spiked Amount 50.000			Recovery	=	50.56%	
76) 2,4,6-Tribromophenol	8.986	330	17699	59.60	ng	-0.06
Spiked Amount 100.000			Recovery	=	59.60%	
90) Terphenyl-d14	11.524	244	122811	24.73	ng	-0.07
Spiked Amount 50.000			Recovery	=	49.46%	
Target Compounds						
						Qvalue
8) Pyridine	3.014	79	118722	46.78	ng	66
9) N-Nitrosodimethylamine	2.944	74	70937	46.49	ng	68
11) Benzaldehyde	5.423	77	79779	45.41	ng	77
12) Aniline	5.514	93	157297	62.87	ng	43
13) Pentachloroethane	5.562	117	29771	35.05	ng	83
14) bis(2-Chloroethyl)ether	5.578	93	97358	51.31	ng	79
16) Phenol	5.493	94	145255	56.44	ng	81
17) 2-Chlorophenol	5.616	128	94984	54.53	ng	85
18) N-Decane	5.669	57	97031	37.15	ng	79
19) 1,3-Dichlorobenzene	5.749	146	101197	52.42	ng	97
20) 1,4-Dichlorobenzene	5.813	146	99827	51.63	ng	96
21) 1,2-Dichlorobenzene	5.941	146	93908	51.75	ng	98
22) Benzyl alcohol	5.915	108	65910	52.37	ng	75
23) bis(2-chloroisopropyl)...	6.027	45	111944	45.14	ng	96
24) 2-Methylphenol	6.006	108	89633	52.51	ng	96
25) Acetophenone	6.128	105	123966	52.64	ng	81
26) Hexachloroethane	6.219	117	37581	51.88	ng	79
27) N-Nitroso-di-n-propyla...	6.134	70	67778	51.72	ng	62
28) 3&4-Methylphenol	6.128	108	89941	55.60	ng	98
31) Nitrobenzene	6.267	77	100257	52.16	ng	84
32) Isophorone	6.454	82	196876	48.70	ng	92
33) 2-Nitrophenol	6.518	139	46403	63.00	ng	89
34) 2,4-Dimethylphenol	6.545	107	98015	51.45	ng	98
35) Benzoic Acid	6.615	105	23019m	22.81	ng	
36) bis(2-Chloroethoxy)met...	6.620	93	114554	49.73	ng	97
37) 2,4-Dichlorophenol	6.700	162	72644	53.46	ng	90
38) 1,2,4-Trichlorobenzene	6.769	180	85729	51.16	ng	98
39) Naphthalene	6.834	128	269348	51.56	ng	100
40) 4-Chloroaniline	6.866	127	108106	70.60	ng	99
41) Hexachlorobutadiene	6.924	225	46583	53.52	ng	97
42) Caprolactam	7.138	113	34424	54.58	ng	69
43) 4-Chloro-3-methylphenol	7.229	107	86039	53.80	ng	88
44) 2-Methylnaphthalene	7.368	142	184574	53.35	ng	100
45) Methylnaphthalenes (To...	7.368	142	184574	53.35	ng	100
46) 1,1'-Biphenyl	7.742	154	221750	42.18	ng	97
48) 1,2,4,5-Tetrachloroben...	7.501	216	82937	52.24	ng	97
49) Hexachlorocyclopentadiene	7.491	237	39748	60.15	ng	98
50) 2,4,6-Trichlorophenol	7.587	196	53853	55.50	ng	100
51) 2,4,5-Trichlorophenol	7.619	196	59488	57.18	ng	99
53) 2-Chloronaphthalene	7.768	162	166354	52.83	ng	92
54) 1,4-Dimethylnaphthalene	8.046	156	125140	35.63	ng	93
55) Dimethylnaphthalenes (...)	8.046	156	125140	35.63	ng	93
56) Diphenyl Ether	7.827	170	118434	51.39	ng	83
57) 2-Nitroaniline	7.843	65	62206	54.12	ng	55
58) Acenaphthylene	8.126	152	273003	52.68	ng	99
59) Dimethylphthalate	7.987	163	194157	52.43	ng	99
60) 2,6-Dinitrotoluene	8.046	165	42342	68.07	ng	70
61) Acenaphthene	8.276	153	169121	52.36	ng	97
62) 3-Nitroaniline	8.196	138	49643	69.97	ng	45
63) 2,4-Dinitrophenol	8.287	184	18560	95.53	ng	83
64) Dibenzofuran	8.431	168	242704	52.90	ng	89
65) 2,4-Dinitrotoluene	8.404	165	59162	68.91	ng	66

Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM
 Data File: 5M55803.D
 Acq On : 03/ 1/10 13:39

Operator : AHD
 Sam Mult : 1 Vial# : 2
 Misc : A,BNA

Qt Meth : 5M_0301.M
 Qt On : 03/01/10 14:10
 Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.319	65	34765	57.51	ng	85
67) 2,3,4,6-Tetrachlorophenol	8.538	232	47708	59.77	ng	86
68) Fluorene	8.757	166	193813	53.10	ng	99
69) 4-Chlorophenyl-phenyle...	8.746	204	97409	53.71	ng	86
70) Diethylphthalate	8.623	149	198314	53.28	ng	97
71) 4-Nitroaniline	8.757	138	54414	61.88	ng	80
72) Atrazine	9.393	200	61579	58.03	ng	95
74) 4,6-Dinitro-2-methylph...	8.789	198	29748	85.71	ng	60
75) n-Nitrosodiphenylamine	8.858	169	168532	50.23	ng	99
77) 1,2-Diphenylhydrazine	8.901	77	220637	46.38	ng	86
78) 4-Bromophenyl-phenylether	9.232	248	53942	51.07	ng	94
79) Hexachlorobenzene	9.302	284	47499	51.14	ng	82
80) N-Octadecane	9.579	57	130561	38.02	ng	71
81) Pentachlorophenol	9.499	266	28520	56.81	ng	99
82) Phenanthrene	9.740	178	307509	50.58	ng	100
83) Anthracene	9.793	178	307616	51.59	ng	100
84) Carbazole	9.959	167	297193	51.42	ng	98
85) Di-n-butylphthalate	10.349	149	363056	54.25	ng	98
86) Fluoranthene	11.075	202	361125	54.92	ng	93
88) Pyrene	11.337	202	373761	50.21	ng	92
89) Benzidine	11.230	184	137115	69.24	ng	87
91) 4,4'-DDE	11.460	246	67342	46.95	ng	89
92) Endrin	11.791	81	16475	48.15	ng	62
93) 4,4'-DDD	11.861	235	115565	49.51	ng	91
94) Butylbenzylphthalate	12.117	149	162001	51.88	ng	96
95) Endrin aldehyde	11.791	67	9007	37.71	ng	65
96) 4,4'-DDT	12.219	235	98437	57.20	ng	97
97) Endrin ketone	12.705	317	11214	51.57	ng	96
98) 3,3'-Dichlorobenzidine	12.737	252	95002	68.54	ng	98
99) Benzo[a]anthracene	12.763	228	336240	50.70	ng	99
100) Chrysene	12.806	228	313772	51.99	ng	99
101) bis(2-Ethylhexyl)phtha...	12.822	149	206708	56.25	ng	94
103) Di-n-octylphthalate	13.570	149	376042	55.60	ng	100
104) Benzo[b]fluoranthene	13.987	252	302613	51.19	ng	95
105) Benzo[k]fluoranthene	14.014	252	314139	54.84	ng	96
106) Benzo[a]pyrene	14.345	252	298777	54.65	ng	93
107) Indeno[1,2,3-cd]pyrene	15.734	276	297866	55.12	ng	93
108) Dibenzo[a,h]anthracene	15.755	278	241998	55.28	ng	96
109) Benzo[g,h,i]perylene	16.113	276	244342	53.53	ng	94

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

SampleID : CAL BNA@2PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55794.D Sam Mult : 1 Vial# : 3 Qt On : 03/01/10 09:49
 Acq On : 03/ 1/10 09:27 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSData\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.824	152	44122	40.00	ng	-0.03
29) Naphthalene-d8	6.834	136	170878	40.00	ng	-0.04
47) Acenaphthene-d10	8.271	164	96068	40.00	ng	-0.04
73) Phenanthrene-d10	9.740	188	171634	40.00	ng	-0.04
87) Chrysene-d12	12.806	240	157885	40.00	ng	-0.04
102) Perylene-d12	14.436	264	157771	40.00	ng	-0.04
System Monitoring Compounds						
10) 2-Fluorophenol	4.617	112	2738	1.68	ng	-0.03
Spiked Amount 100.000			Recovery =		1.68%	
15) Phenol-d5	5.498	99	4282	1.96	ng	-0.04
Spiked Amount 100.000			Recovery =		1.96%	
30) Nitrobenzene-d5	6.273	128	635	0.97	ng	-0.04
Spiked Amount 50.000			Recovery =		1.94%	
52) 2-Fluorobiphenyl	7.678	172	3629	1.13	ng	-0.04
Spiked Amount 50.000			Recovery =		2.26%	
76) 2,4,6-Tribromophenol	9.013	330	451	1.90	ng	-0.04
Spiked Amount 100.000			Recovery =		1.90%	
90) Terphenyl-d14	11.556	244	4467	1.02	ng	-0.04
Spiked Amount 50.000			Recovery =		2.04%	
Target Compounds						
						Qvalue
8) Pyridine	3.148	79	3504m	1.59	ng	
9) N-Nitrosodimethylamine	3.014	74	1931	1.45	ng	78
11) Benzaldehyde	5.445	77	2908	1.90	ng	91
12) Aniline	5.536	93	3807	1.75	ng	48
13) Pentachloroethane	5.578	117	1154	1.56	ng	84
14) bis(2-Chloroethyl)ether	5.594	93	3412	2.07	ng	85
16) Phenol	5.514	94	4572	2.04	ng	81
17) 2-Chlorophenol	5.637	128	3132	2.07	ng	83
18) N-Decane	5.691	57	3979	1.75	ng	86
19) 1,3-Dichlorobenzene	5.771	146	3637	2.16	ng	96
20) 1,4-Dichlorobenzene	5.835	146	3787	2.25	ng	96
21) 1,2-Dichlorobenzene	5.963	146	3508	2.22	ng	98
22) Benzyl alcohol	5.936	108	2018	1.84	ng	85
23) bis(2-chloroisopropyl)...	6.048	45	4519	2.09	ng	96
24) 2-Methylphenol	6.027	108	3023	2.03	ng	97
25) Acetophenone	6.150	105	4778	2.33	ng	77
26) Hexachloroethane	6.241	117	1361	2.16	ng	72
27) N-Nitroso-di-n-propyla...	6.150	70	2690	2.36	ng	72
28) 3&4-Methylphenol	6.150	108	3300	2.34	ng	98
31) Nitrobenzene	6.289	77	3562	2.18	ng	84
32) Isophorone	6.476	82	7461	2.17	ng	88
33) 2-Nitrophenol	6.540	139	1155	1.85	ng	85
34) 2,4-Dimethylphenol	6.567	107	3310	2.04	ng	96
35) Benzoic Acid	6.834	105	296	0.35	ng	# 1
36) bis(2-Chloroethoxy)met...	6.641	93	4036	2.06	ng	96
37) 2,4-Dichlorophenol	6.722	162	2383	2.06	ng	86
38) 1,2,4-Trichlorobenzene	6.791	180	3131	2.20	ng	92
39) Naphthalene	6.850	128	10153	2.29	ng	99
40) 4-Chloroaniline	6.887	127	2780	2.14	ng	97
41) Hexachlorobutadiene	6.946	225	1759	2.38	ng	91
42) Caprolactam	7.133	113	1038	1.94	ng	70
43) 4-Chloro-3-methylphenol	7.250	107	2674	1.97	ng	80
44) 2-Methylnaphthalene	7.389	142	6772	2.30	ng	96
45) Methylnaphthalenes (To...	7.389	142	6772	2.30	ng	96
46) 1,1'-Biphenyl	7.763	154	9404	2.10	ng	95
48) 1,2,4,5-Tetrachloroben...	7.523	216	3055	2.29	ng	97
49) Hexachlorocyclopentadiene	7.512	237	520	0.94	ng	79
50) 2,4,6-Trichlorophenol	7.608	196	1574	1.93	ng	95
51) 2,4,5-Trichlorophenol	7.640	196	1917	2.19	ng	90
53) 2-Chloronaphthalene	7.790	162	6470	2.45	ng	90
54) 1,4-Dimethylnaphthalene	8.068	156	5419	1.84	ng	89
55) Dimethylnaphthalenes (...)	8.068	156	5419	1.84	ng	89
56) Diphenyl Ether	7.849	170	4800	2.48	ng	81
57) 2-Nitroaniline	7.865	65	2091	2.17	ng	71
58) Acenaphthylene	8.148	152	10840	2.49	ng	97
59) Dimethylphthalate	8.004	163	7446	2.39	ng	96
60) 2,6-Dinitrotoluene	8.062	165	1277	2.44	ng	81
61) Acenaphthene	8.298	153	6614	2.44	ng	94
62) 3-Nitroaniline	8.217	138	1431	2.40	ng	34
63) 2,4-Dinitrophenol	0.000		0	N.D.		
64) Dibenzofuran	8.458	168	9723	2.52	ng	86
65) 2,4-Dinitrotoluene	8.426	165	1385	1.92	ng	76

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@2PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55794.D Sam Mult : 1 Vial# : 3 Qt On : 03/01/10 09:49
 Acq On : 03/ 1/10 09:27 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.346	65	943	1.86	ng	95
67) 2,3,4,6-Tetrachlorophenol	8.565	232	1228	1.83	ng	83
68) Fluorene	8.778	166	7962	2.60	ng	97
69) 4-Chlorophenyl-phenyle...	8.768	204	3746	2.46	ng	90
70) Diethylphthalate	8.645	149	7458	2.39	ng	95
71) 4-Nitroaniline	8.778	138	1672	2.26	ng	80
72) Atrazine	9.414	200	2015	2.26	ng	95
74) 4,6-Dinitro-2-methylph...	8.821	198	137	0.49	ng	56
75) n-Nitrosodiphenylamine	8.880	169	6573	2.45	ng	95
77) 1,2-Diphenylhydrazine	8.923	77	8510	2.23	ng	87
78) 4-Bromophenyl-phenylether	9.259	248	1990	2.35	ng	94
79) Hexachlorobenzene	9.329	284	1781	2.39	ng	76
80) N-Octadecane	9.601	57	4798	1.74	ng	81
81) Pentachlorophenol	9.537	266	50	0.12	ng	# 20
82) Phenanthrene	9.761	178	12570	2.58	ng	99
83) Anthracene	9.820	178	11999	2.51	ng	98
84) Carbazole	9.991	167	10972	2.37	ng	94
85) Di-n-butylphthalate	10.376	149	11781	2.20	ng	97
86) Fluoranthene	11.102	202	12192	2.31	ng	93
88) Pyrene	11.369	202	13290	2.02	ng	89
89) Benzidine	11.257	184	2237	1.28	ng	88
91) 4,4'-DDE	11.487	246	2397	1.89	ng	88
92) Endrin	11.823	81	596	1.97	ng	75
93) 4,4'-DDD	11.887	235	3947	1.92	ng	89
94) Butylbenzylphthalate	12.144	149	5172	1.88	ng	94
95) Endrin aldehyde	11.818	67	357m	1.69	ng	
96) 4,4'-DDT	12.251	235	2786	1.83	ng	95
97) Endrin ketone	12.732	317	344m	1.79	ng	
98) 3,3'-Dichlorobenzidine	12.769	252	3363	2.75	ng	87
99) Benzo[a]anthracene	12.790	228	13734	2.35	ng	99
100) Chrysene	12.833	228	13246	2.49	ng	99
101) bis(2-Ethylhexyl)phtha...	12.849	149	7225	2.23	ng	98
103) Di-n-octylphthalate	13.597	149	11048	1.89	ng	100
104) Benzo[b]fluoranthene	14.014	252	11174	2.19	ng	95
105) Benzo[k]fluoranthene	14.040	252	11989	2.43	ng	94
106) Benzo[a]pyrene	14.372	252	10969	2.32	ng	91
107) Indeno[1,2,3-cd]pyrene	15.771	276	11202	2.40	ng	99
108) Dibenzo[a,h]anthracene	15.798	278	9237	2.44	ng	92
109) Benzo[g,h,i]perylene	16.151	276	9700	2.46	ng	96

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

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55802.D Sam Mult : 1 Vial# : 4 Qt On : 03/01/10 14:10
 Acq On : 03/ 1/10 13:17 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.803	152	55466	40.00	ng	-0.05
29) Naphthalene-d8	6.818	136	206969	40.00	ng	-0.05
47) Acenaphthene-d10	8.249	164	113557	40.00	ng	-0.06
73) Phenanthrene-d10	9.718	188	206411	40.00	ng	-0.06
87) Chrysene-d12	12.779	240	180798	40.00	ng	-0.07
102) Perylene-d12	14.409	264	180146	40.00	ng	-0.07
System Monitoring Compounds						
10) 2-Fluorophenol	4.590	112	17859	8.72	ng	-0.06
Spiked Amount 100.000			Recovery	=	8.72%	
15) Phenol-d5	5.482	99	25098	9.13	ng	-0.05
Spiked Amount 100.000			Recovery	=	9.13%	
30) Nitrobenzene-d5	6.251	128	4236	5.34	ng	-0.06
Spiked Amount 50.000			Recovery	=	10.68%	
52) 2-Fluorobiphenyl	7.662	172	19788	5.22	ng	-0.05
Spiked Amount 50.000			Recovery	=	10.44%	
76) 2,4,6-Tribromophenol	8.992	330	3050	10.66	ng	-0.06
Spiked Amount 100.000			Recovery	=	10.66%	
90) Terphenyl-d14	11.529	244	24494	4.88	ng	-0.06
Spiked Amount 50.000			Recovery	=	9.76%	
Target Compounds						
					Qvalue	
8) Pyridine	3.041	79	22311	8.03	ng	67
9) N-Nitrosodimethylamine	2.955	74	13432	8.05	ng	69
11) Benzaldehyde	5.423	77	17751	9.23	ng	77
12) Aniline	5.514	93	27925	10.20	ng	44
13) Pentachloroethane	5.562	117	6043	6.50	ng	84
14) bis(2-Chloroethyl)ether	5.578	93	20307	9.78	ng	81
16) Phenol	5.493	94	27747	9.85	ng	81
17) 2-Chlorophenol	5.621	128	18674	9.80	ng	81
18) N-Decane	5.669	57	21119	7.39	ng	83
19) 1,3-Dichlorobenzene	5.754	146	21234	10.05	ng	99
20) 1,4-Dichlorobenzene	5.819	146	21144	9.99	ng	99
21) 1,2-Dichlorobenzene	5.941	146	19739	9.94	ng	97
22) Benzyl alcohol	5.915	108	12932	9.39	ng	70
23) bis(2-chloroisopropyl)...	6.027	45	24247	8.94	ng	95
24) 2-Methylphenol	6.006	108	17742	9.50	ng	100
25) Acetophenone	6.128	105	27129	10.53	ng	80
26) Hexachloroethane	6.219	117	7767	9.80	ng	84
27) N-Nitroso-di-n-propyla...	6.128	70	14812	10.33	ng	67
28) 3&4-Methylphenol	6.128	108	18799	10.62	ng	100
31) Nitrobenzene	6.267	77	20313	10.27	ng	85
32) Isophorone	6.454	82	38698	9.30	ng	92
33) 2-Nitrophenol	6.518	139	8237	10.86	ng	91
34) 2,4-Dimethylphenol	6.545	107	19621	10.01	ng	98
35) Benzoic Acid	6.588	105	1477	1.42	ng	94
36) bis(2-Chloroethoxy)met...	6.620	93	23478	9.90	ng	99
37) 2,4-Dichlorophenol	6.705	162	14230	10.17	ng	86
38) 1,2,4-Trichlorobenzene	6.769	180	18172	10.54	ng	99
39) Naphthalene	6.834	128	55759	10.37	ng	99
40) 4-Chloroaniline	6.866	127	19060	12.09	ng	99
41) Hexachlorobutadiene	6.924	225	9607	10.72	ng	95
42) Caprolactam	7.117	113	6414	9.88	ng	70
43) 4-Chloro-3-methylphenol	7.229	107	16031	9.74	ng	88
44) 2-Methylnaphthalene	7.368	142	37539	10.54	ng	100
45) Methylnaphthalenes (To...	7.368	142	37539	10.54	ng	100
46) 1,1'-Biphenyl	7.747	154	46178	8.53	ng	96
48) 1,2,4,5-Tetrachloroben...	7.501	216	17183	10.90	ng	99
49) Hexachlorocyclopentadiene	7.496	237	5822	8.88	ng	99
50) 2,4,6-Trichlorophenol	7.592	196	10095	10.48	ng	99
51) 2,4,5-Trichlorophenol	7.619	196	10960	10.61	ng	98
53) 2-Chloronaphthalene	7.768	162	33774	10.80	ng	92
54) 1,4-Dimethylnaphthalene	8.046	156	26376	7.57	ng	93
55) Dimethylnaphthalenes (...)	8.046	156	26376	7.57	ng	93
56) Diphenyl Ether	7.833	170	24768	10.83	ng	81
57) 2-Nitroaniline	7.843	65	11928	10.45	ng	51
58) Acenaphthylene	8.126	152	55145	10.72	ng	99
59) Dimethylphthalate	7.987	163	39718	10.80	ng	99
60) 2,6-Dinitrotoluene	8.046	165	8205	13.29	ng	70
61) Acenaphthene	8.276	153	34361	10.72	ng	95
62) 3-Nitroaniline	8.196	138	9361	13.29	ng	45
63) 2,4-Dinitrophenol	8.292	184	1714	8.89	ng	83
64) Dibenzofuran	8.436	168	49845	10.95	ng	87
65) 2,4-Dinitrotoluene	8.404	165	10363	12.16	ng	70

Quantitation Report (Not Reviewed)

SampleID : CAL BNA@10PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55802.D Sam Mult : 1 Vial# : 4 Qt On : 03/01/10 14:10
 Acq On : 03/ 1/10 13:17 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.319	65	5993	9.99	ng	93
67) 2,3,4,6-Tetrachlorophenol	8.543	232	8570	10.82	ng	85
68) Fluorene	8.757	166	39995	11.04	ng	99
69) 4-Chlorophenyl-phenyle...	8.746	204	19936	11.07	ng	87
70) Diethylphthalate	8.623	149	38998	10.55	ng	96
71) 4-Nitroaniline	8.757	138	10364	11.87	ng	78
72) Atrazine	9.393	200	11338	10.76	ng	98
74) 4,6-Dinitro-2-methylph...	8.789	198	3670	10.98	ng	57
75) n-Nitrosodiphenylamine	8.858	169	34846	10.78	ng	99
77) 1,2-Diphenylhydrazine	8.901	77	44967	9.81	ng	87
78) 4-Bromophenyl-phenylether	9.238	248	10516	10.33	ng	91
79) Hexachlorobenzene	9.307	284	9620	10.75	ng	77
80) N-Octadecane	9.579	57	25208	7.62	ng	79
81) Pentachlorophenol	9.505	266	3293	6.81	ng	96
82) Phenanthrene	9.740	178	64552	11.02	ng	98
83) Anthracene	9.799	178	63066	10.98	ng	98
84) Carbazole	9.964	167	58278	10.47	ng	98
85) Di-n-butylphthalate	10.354	149	65479	10.16	ng	97
86) Fluoranthene	11.075	202	67305	10.63	ng	94
88) Pyrene	11.342	202	74607	9.92	ng	90
89) Benzidine	11.230	184	19831	9.91	ng	85
91) 4,4'-DDE	11.465	246	13227	9.13	ng	91
92) Endrin	11.797	81	3067	8.87	ng	66
93) 4,4'-DDD	11.866	235	21824	9.25	ng	90
94) Butylbenzylphthalate	12.122	149	29351	9.30	ng	92
95) Endrin aldehyde	11.797	67	1828	7.57	ng	55
96) 4,4'-DDT	12.224	235	18018	10.36	ng	96
97) Endrin ketone	12.705	317	1902	8.66	ng	100
98) 3,3'-Dichlorobenzidine	12.742	252	18069	12.90	ng	97
99) Benzo[a]anthracene	12.769	228	68391	10.21	ng	98
100) Chrysene	12.812	228	66150	10.85	ng	98
101) bis(2-Ethylhexyl)phtha...	12.822	149	37756	10.17	ng	94
103) Di-n-octylphthalate	13.575	149	61051	9.16	ng	100
104) Benzo[b]fluoranthene	13.987	252	56987	9.78	ng	96
105) Benzo[k]fluoranthene	14.014	252	63111	11.18	ng	95
106) Benzo[a]pyrene	14.345	252	56557	10.50	ng	94
107) Indeno[1,2,3-cd]pyrene	15.734	276	54648	10.26	ng	92
108) Dibenzo[a,h]anthracene	15.755	278	46008	10.67	ng	96
109) Benzo[g,h,i]perylene	16.113	276	47503	10.56	ng	92

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

SampleID : CAL BNA@20PPM
Data File: 5M55801.D
Acq On : 03/ 1/10 12:34

Operator : AHD
Sam Mult : 1 Vial# : 5
Misc : A,BNA

Qt Meth : 5M_0301.M
Qt On : 03/01/10 12:58
Qt Upd On: 03/01/10 09:46

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.803	152	51094	40.00	ng	-0.05
29) Naphthalene-d8	6.818	136	188775	40.00	ng	-0.05
47) Acenaphthene-d10	8.249	164	102955	40.00	ng	-0.06
73) Phenanthrene-d10	9.713	188	185259	40.00	ng	-0.06
87) Chrysene-d12	12.779	240	163728	40.00	ng	-0.07
102) Perylene-d12	14.404	264	164954	40.00	ng	-0.07
System Monitoring Compounds						
10) 2-Fluorophenol	4.590	112	32844	17.40	ng	-0.06
Spiked Amount 100.000			Recovery =	17.40%		
15) Phenol-d5	5.482	99	45416	17.94	ng	-0.05
Spiked Amount 100.000			Recovery =	17.94%		
30) Nitrobenzene-d5	6.251	128	7982	11.04	ng	-0.06
Spiked Amount 50.000			Recovery =	22.08%		
52) 2-Fluorobiphenyl	7.656	172	33460	9.73	ng	-0.06
Spiked Amount 50.000			Recovery =	19.46%		
76) 2,4,6-Tribromophenol	8.986	330	5520	21.50	ng	-0.06
Spiked Amount 100.000			Recovery =	21.50%		
90) Terphenyl-d14	11.529	244	42025	9.25	ng	-0.06
Spiked Amount 50.000			Recovery =	18.50%		
Target Compounds						
8) Pyridine	3.035	79	41013	16.03	ng	68
9) N-Nitrosodimethylamine	2.955	74	24368	15.85	ng	68
11) Benzaldehyde	5.423	77	31535	17.81	ng	80
12) Aniline	5.514	93	55021	21.82	ng	44
13) Pentachloroethane	5.562	117	10799	12.62	ng	82
14) bis(2-Chloroethyl)ether	5.578	93	35601	18.61	ng	80
16) Phenol	5.493	94	50055	19.30	ng	81
17) 2-Chlorophenol	5.621	128	33610	19.14	ng	80
18) N-Decane	5.669	57	37748	14.34	ng	81
19) 1,3-Dichlorobenzene	5.754	146	36754	18.89	ng	96
20) 1,4-Dichlorobenzene	5.819	146	38565	19.79	ng	95
21) 1,2-Dichlorobenzene	5.941	146	34918	19.09	ng	97
22) Benzyl alcohol	5.915	108	23007	18.14	ng	75
23) bis(2-chloroisopropyl)...	6.027	45	41609	16.65	ng	96
24) 2-Methylphenol	6.006	108	32492	18.88	ng	97
25) Acetophenone	6.128	105	46482	19.58	ng	80
26) Hexachloroethane	6.219	117	13726	18.80	ng	79
27) N-Nitroso-di-n-propyla...	6.128	70	25093	19.00	ng	69
28) 3&4-Methylphenol	6.128	108	33238	20.39	ng	99
31) Nitrobenzene	6.267	77	35689	19.78	ng	84
32) Isophorone	6.454	82	68726	18.11	ng	93
33) 2-Nitrophenol	6.518	139	14957	21.63	ng	91
34) 2,4-Dimethylphenol	6.545	107	34252	19.15	ng	99
35) Benzoic Acid	6.593	105	9644	10.18	ng	90
36) bis(2-Chloroethoxy)met...	6.620	93	39918	18.46	ng	98
37) 2,4-Dichlorophenol	6.700	162	25196	19.75	ng	90
38) 1,2,4-Trichlorobenzene	6.769	180	31179	19.82	ng	98
39) Naphthalene	6.834	128	96954	19.77	ng	99
40) 4-Chloroaniline	6.866	127	37798	26.29	ng	100
41) Hexachlorobutadiene	6.924	225	16296	19.94	ng	99
42) Caprolactam	7.122	113	10939	18.47	ng	68
43) 4-Chloro-3-methylphenol	7.229	107	28208	18.79	ng	88
44) 2-Methylnaphthalene	7.368	142	64001	19.70	ng	100
45) Methylnaphthalenes (To...	7.368	142	64001	19.70	ng	100
46) 1,1'-Biphenyl	7.742	154	78084	15.82	ng	97
48) 1,2,4,5-Tetrachloroben...	7.501	216	29756	20.83	ng	96
49) Hexachlorocyclopentadiene	7.491	237	12016	20.20	ng	99
50) 2,4,6-Trichlorophenol	7.587	196	18021	20.64	ng	98
51) 2,4,5-Trichlorophenol	7.619	196	19829	21.18	ng	98
53) 2-Chloronaphthalene	7.768	162	59093	20.85	ng	93
54) 1,4-Dimethylnaphthalene	8.046	156	44705	14.14	ng	92
55) Dimethylnaphthalenes (...)	8.046	156	44705	14.14	ng	92
56) Diphenyl Ether	7.827	170	41877	20.19	ng	85
57) 2-Nitroaniline	7.838	65	21042	20.34	ng	72
58) Acenaphthylene	8.126	152	95001	20.37	ng	99
59) Dimethylphthalate	7.987	163	66624	19.99	ng	99
60) 2,6-Dinitrotoluene	8.046	165	14118	25.22	ng	71
61) Acenaphthene	8.276	153	57838	19.90	ng	97
62) 3-Nitroaniline	8.196	138	16200	25.37	ng	47
63) 2,4-Dinitrophenol	8.287	184	4282	24.49	ng	73
64) Dibenzofuran	8.431	168	82382	19.95	ng	88
65) 2,4-Dinitrotoluene	8.404	165	18315	23.70	ng	69

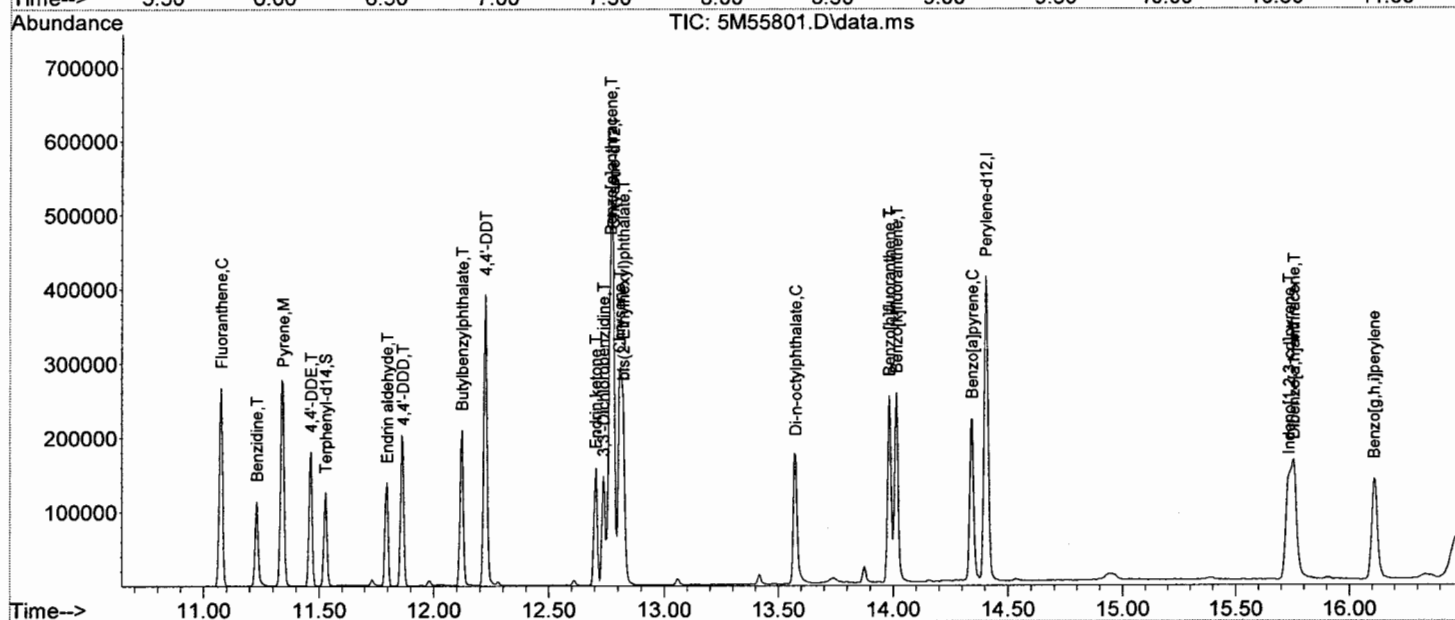
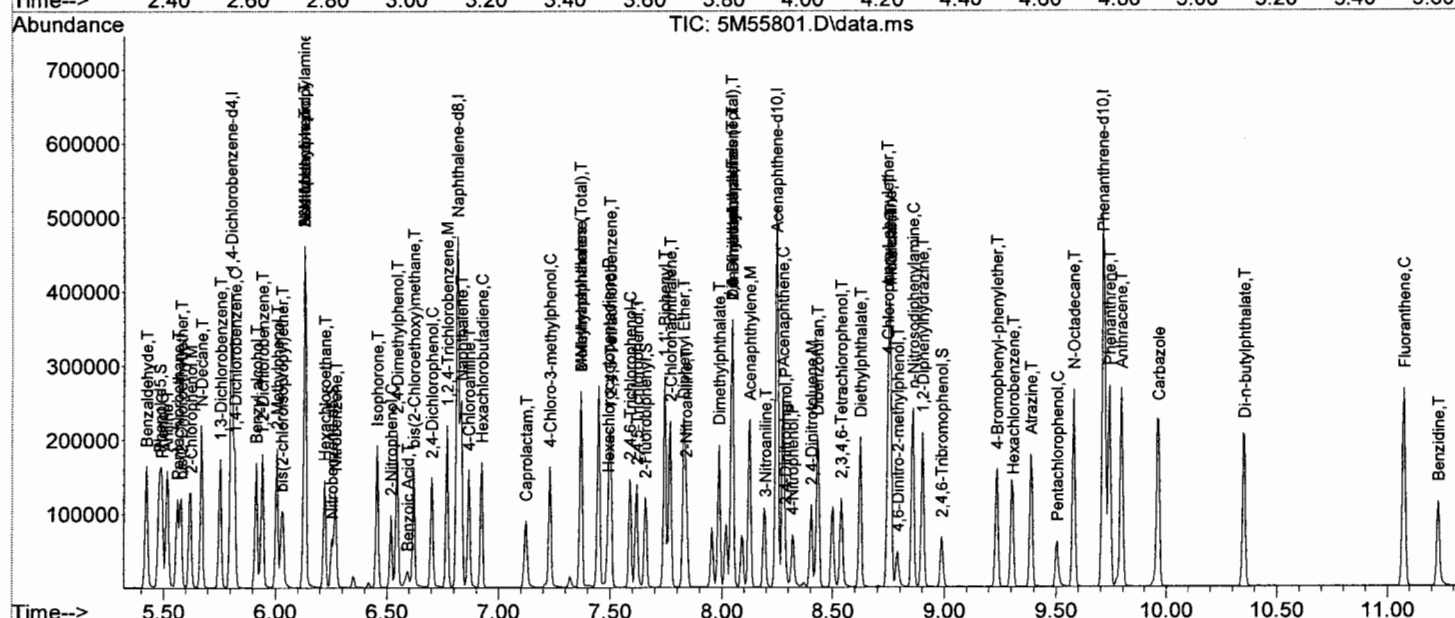
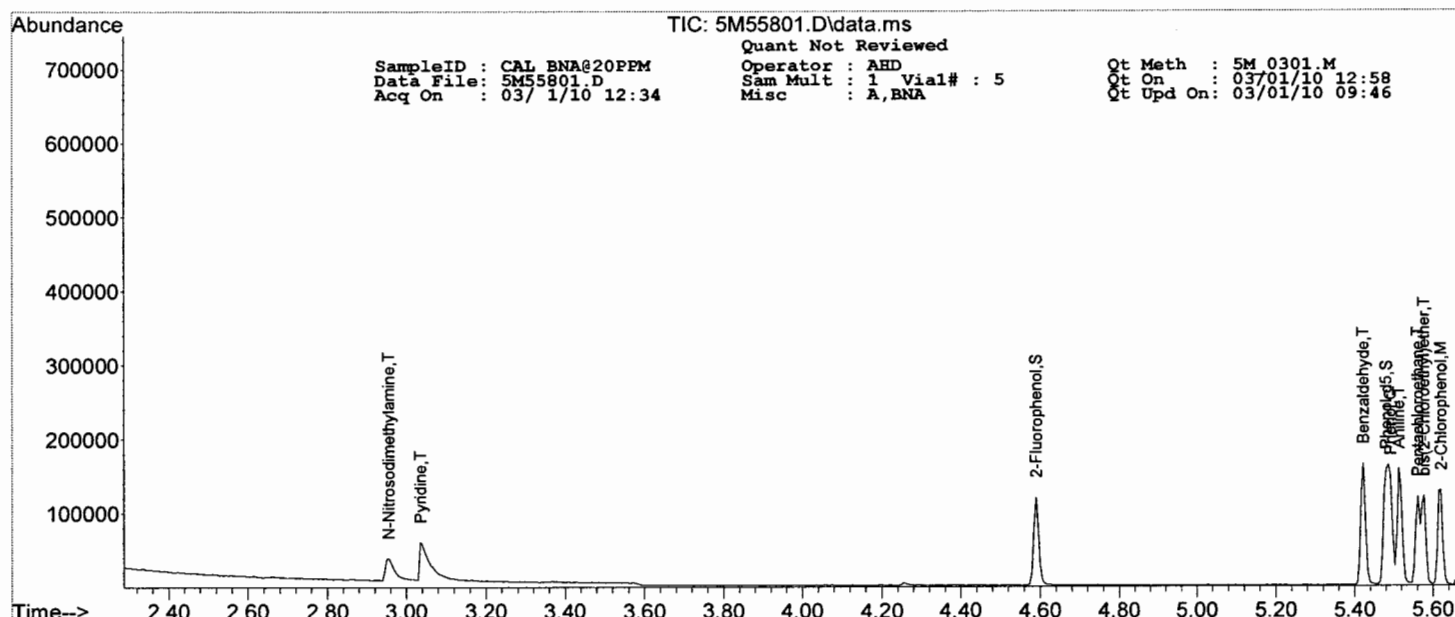
Quantitation Report (Not Reviewed)

SampleID : CAL_BNA@20PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55801.D Sam Mult : 1 Vial# : 5 Qt On : 03/01/10 12:58
 Acq On : 03/ 1/10 12:34 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.319	65	11242	20.66	ng	86
67) 2,3,4,6-Tetrachlorophenol	8.538	232	14903	20.75	ng	84
68) Fluorene	8.757	166	67376	20.51	ng	99
69) 4-Chlorophenyl-phenyle...	8.746	204	32826	20.11	ng	87
70) Diethylphthalate	8.623	149	65762	19.63	ng	96
71) 4-Nitroaniline	8.757	138	17876	22.59	ng	77
72) Atrazine	9.387	200	19785	20.72	ng	96
74) 4,6-Dinitro-2-methylph...	8.789	198	7078	23.59	ng	56
75) n-Nitrosodiphenylamine	8.858	169	57834	19.93	ng	98
77) 1,2-Diphenylhydrazine	8.901	77	74944	18.22	ng	86
78) 4-Bromophenyl-phenylether	9.238	248	17849	19.54	ng	93
79) Hexachlorobenzene	9.307	284	15924	19.83	ng	72
80) N-Octadecane	9.579	57	43772	14.74	ng	74
81) Pentachlorophenol	9.505	266	7213	16.62	ng	98
82) Phenanthrene	9.740	178	103728	19.73	ng	99
83) Anthracene	9.793	178	105562	20.47	ng	99
84) Carbazole	9.964	167	99429	19.90	ng	98
85) Di-n-butylphthalate	10.354	149	112859	19.50	ng	97
86) Fluoranthene	11.075	202	114226	20.09	ng	94
88) Pyrene	11.342	202	125747	18.46	ng	88
89) Benzidine	11.230	184	47134	26.01	ng	87
91) 4,4'-DDE	11.465	246	22072	16.81	ng	89
92) Endrin	11.797	81	5266	16.82	ng	64
93) 4,4'-DDD	11.866	235	37372	17.50	ng	91
94) Butylbenzylphthalate	12.122	149	51274	17.94	ng	89
95) Endrin aldehyde	11.797	67	2899	13.26	ng	62
96) 4,4'-DDT	12.224	235	30778	19.54	ng	96
97) Endrin ketone	12.705	317	3398	17.08	ng	99
98) 3,3'-Dichlorobenzidine	12.737	252	31593	24.91	ng	97
99) Benzo[a]anthracene	12.769	228	116743	19.24	ng	100
100) Chrysene	12.806	228	109721	19.87	ng	99
101) bis(2-Ethylhexyl)phtha...	12.822	149	67213	19.99	ng	94
103) Di-n-octylphthalate	13.575	149	112985	18.51	ng	100
104) Benzo[b]fluoranthene	13.981	252	100484	18.84	ng	96
105) Benzo[k]fluoranthene	14.014	252	106612	20.63	ng	95
106) Benzo[a]pyrene	14.345	252	98864	20.04	ng	93
107) Indeno[1,2,3-cd]pyrene	15.734	276	101698	20.85	ng	92
108) Dibenzo[a,h]anthracene	15.755	278	84255	21.33	ng	96
109) Benzo[g,h,i]perylene	16.108	276	86243	20.94	ng	94

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



SampleID : CAL BNA@80PPM
Data File: 5M55804.D
Acq On : 03/ 1/10 14:29

Operator : AHD
Sam Mult : 1 Vial# : 6
Misc : A,BNA

Qt Meth : 5M_0301.M
Qt On : 03/01/10 14:43
Qt Upd On: 03/01/10 14:21

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.803	152	51398	40.00	ng	0.00
29) Naphthalene-d8	6.818	136	203168	40.00	ng	0.00
47) Acenaphthene-d10	8.249	164	117274	40.00	ng	0.00
73) Phenanthrene-d10	9.713	188	216894	40.00	ng	0.00
87) Chrysene-d12	12.780	240	172706	40.00	ng	0.00
102) Perylene-d12	14.409	264	179788	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.590	112	158761	86.70	ng	0.00
Spiked Amount 100.000			Recovery =	86.70%		
15) Phenol-d5	5.482	99	212985	83.63	ng	0.00
Spiked Amount 100.000			Recovery =	83.63%		
30) Nitrobenzene-d5	6.257	128	36313	41.99	ng	0.00
Spiked Amount 50.000			Recovery =	83.98%		
52) 2-Fluorobiphenyl	7.656	172	151181	38.97	ng	0.00
Spiked Amount 50.000			Recovery =	77.94%		
76) 2,4,6-Tribromophenol	8.992	330	28719	84.92	ng	0.00
Spiked Amount 100.000			Recovery =	84.92%		
90) Terphenyl-d14	11.524	244	193898	40.84	ng	0.00
Spiked Amount 50.000			Recovery =	81.68%		
Target Compounds						
						Qvalue
8) Pyridine	3.009	79	196029	84.93	ng	67
9) N-Nitrosodimethylamine	2.944	74	119961	86.93	ng	68
11) Benzaldehyde	5.423	77	88995	71.85	ng	76
12) Aniline	5.519	93	247840	89.35	ng	43
13) Pentachloroethane	5.562	117	47163	81.77	ng	83
14) bis(2-Chloroethyl)ether	5.578	93	155415	83.14	ng	80
16) Phenol	5.493	94	228678	84.27	ng	84
17) 2-Chlorophenol	5.621	128	149668	82.73	ng	82
18) N-Decane	5.669	57	149802	78.74	ng	79
19) 1,3-Dichlorobenzene	5.754	146	159488	82.53	ng	97
20) 1,4-Dichlorobenzene	5.819	146	157909	80.60	ng	98
21) 1,2-Dichlorobenzene	5.941	146	148960	81.84	ng	99
22) Benzyl alcohol	5.915	108	105269	83.75	ng	75
23) bis(2-chloroisopropyl)...	6.032	45	174967	78.89	ng	97
24) 2-Methylphenol	6.006	108	141230	81.86	ng	97
25) Acetophenone	6.134	105	185222	78.15	ng	75
26) Hexachloroethane	6.219	117	60164	82.24	ng	80
27) N-Nitroso-di-n-propyla...	6.134	70	100329	77.19	ng	63
28) 3&4-Methylphenol	6.134	108	134919	79.71	ng	98
31) Nitrobenzene	6.267	77	160170	81.21	ng	85
32) Isophorone	6.460	82	308414	78.99	ng	88
33) 2-Nitrophenol	6.518	139	76804	87.78	ng	91
34) 2,4-Dimethylphenol	6.545	107	154508	81.19	ng	100
35) Benzoic Acid	6.625	105	60928m	90.41	ng	
36) bis(2-Chloroethoxy)met...	6.620	93	178892	80.13	ng	97
37) 2,4-Dichlorophenol	6.705	162	117233	83.31	ng	88
38) 1,2,4-Trichlorobenzene	6.769	180	137511	81.11	ng	97
39) Naphthalene	6.834	128	414963	79.33	ng	99
40) 4-Chloroaniline	6.866	127	153417	79.90	ng	99
41) Hexachlorobutadiene	6.924	225	73133	80.19	ng	97
42) Caprolactam	7.154	113	56766	84.07	ng	70
43) 4-Chloro-3-methylphenol	7.234	107	137720	82.69	ng	87
44) 2-Methylnaphthalene	7.368	142	282878	79.76	ng	100
45) Methylnaphthalenes (To...	7.368	142	282878	79.76	ng	100
46) 1,1'-Biphenyl	7.742	154	337960	76.69	ng	97
48) 1,2,4,5-Tetrachloroben...	7.501	216	130610	79.44	ng	97
49) Hexachlorocyclopentadiene	7.491	237	66870	86.03	ng	99
50) 2,4,6-Trichlorophenol	7.587	196	88927	84.99	ng	98
51) 2,4,5-Trichlorophenol	7.624	196	91890	79.95	ng	99
53) 2-Chloronaphthalene	7.769	162	250921	76.31	ng	94
54) 1,4-Dimethylnaphthalene	8.046	156	189545	74.98	ng	92
55) Dimethylnaphthalenes (...)	8.046	156	189545	74.98	ng	92
56) Diphenyl Ether	7.827	170	186590	77.93	ng	83
57) 2-Nitroaniline	7.843	65	97786	79.93	ng	58
58) Acenaphthylene	8.126	152	423558	77.89	ng	99
59) Dimethylphthalate	7.993	163	303601	77.83	ng	98
60) 2,6-Dinitrotoluene	8.046	165	63674	79.92	ng	71
61) Acenaphthene	8.276	153	258179	76.95	ng	98
62) 3-Nitroaniline	8.196	138	76202	84.84	ng	43
63) 2,4-Dinitrophenol	8.287	184	34295	87.08	ng	78
64) Dibenzofuran	8.436	168	375312	77.75	ng	88
65) 2,4-Dinitrotoluene	8.404	165	95378	85.62	ng	71

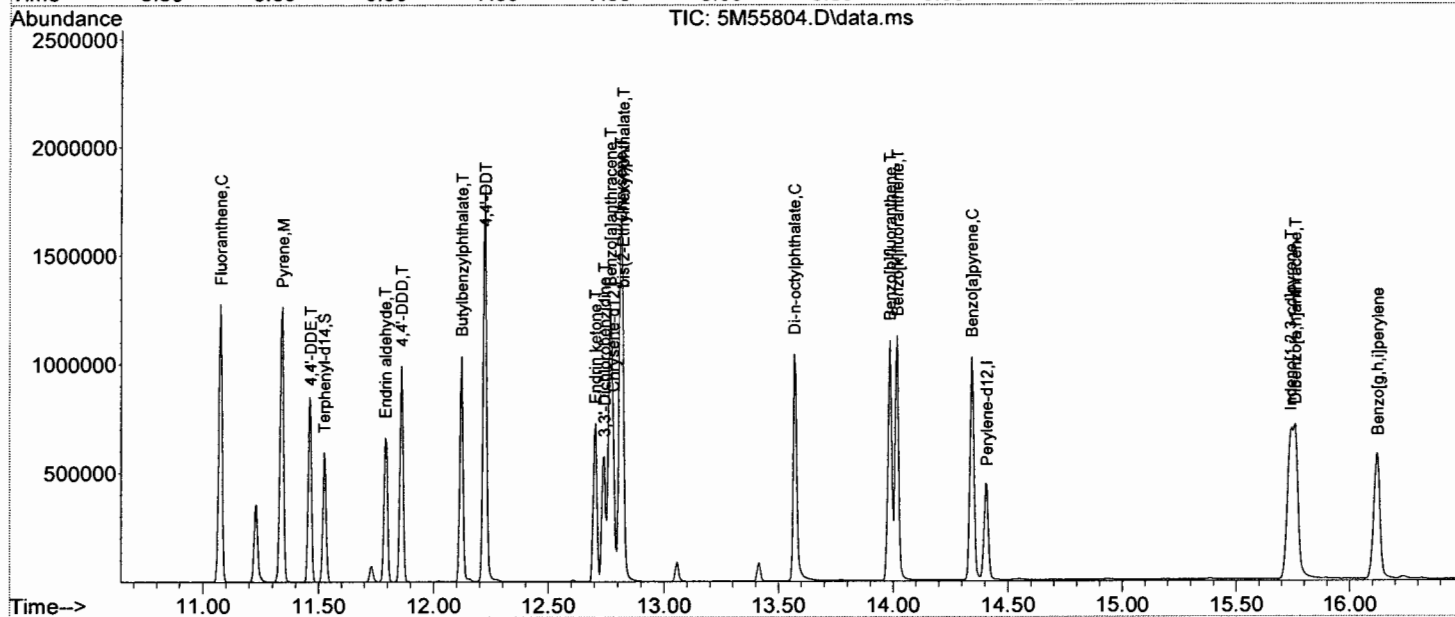
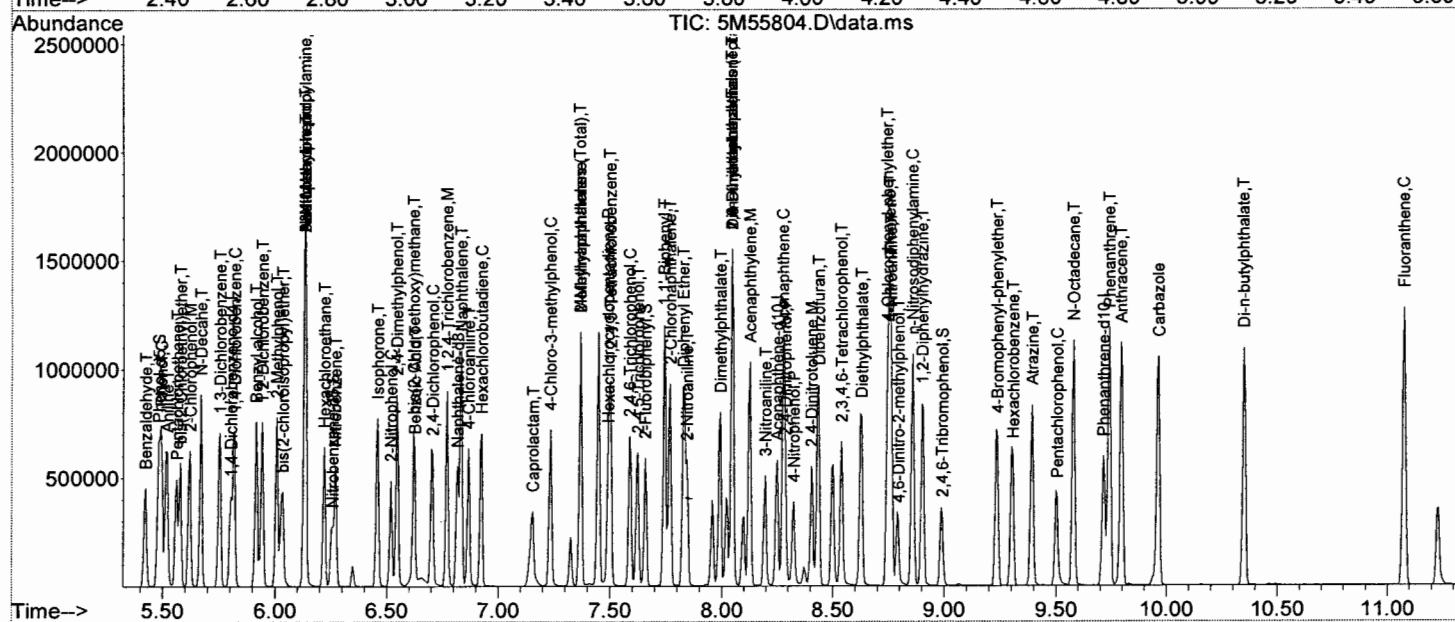
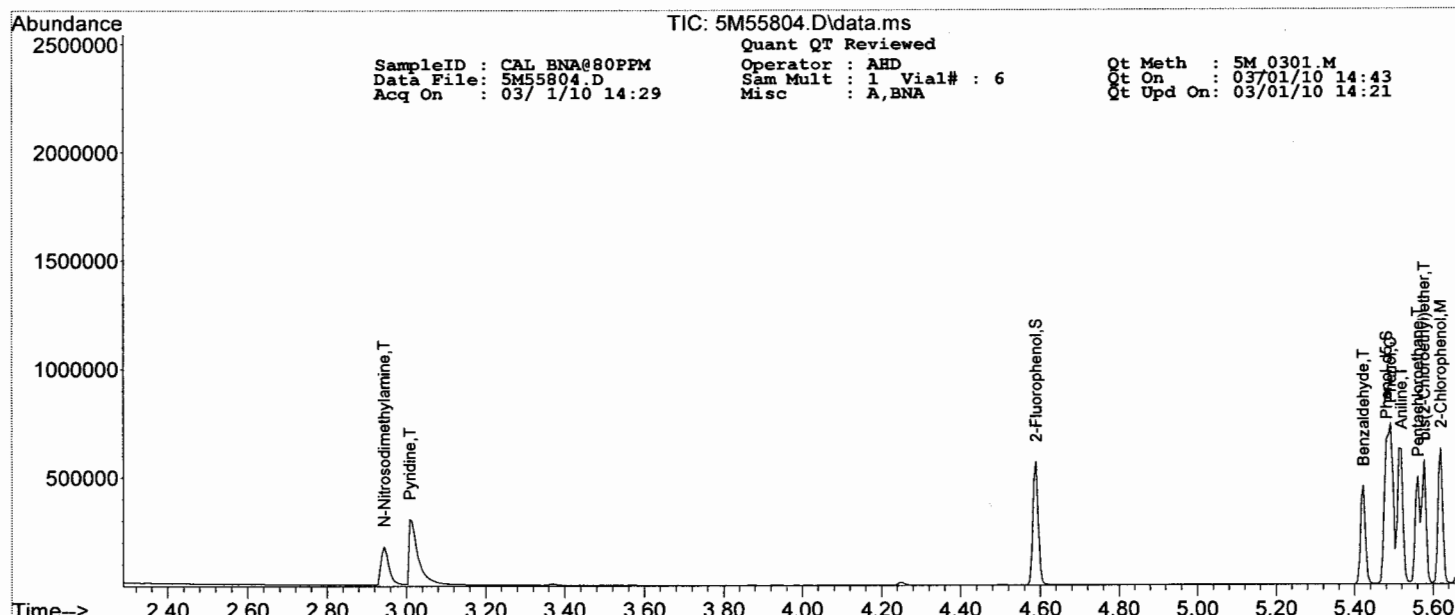
Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@80PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55804.D Sam Mult : 1 Vial# : 6 Qt On : 03/01/10 14:43
 Acq On : 03/ 1/10 14:29 Misc : A,BNA Qt Upd On: 03/01/10 14:21

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.324	65	55892	82.47	ng	83
67) 2,3,4,6-Tetrachlorophenol	8.538	232	74965	83.72	ng	84
68) Fluorene	8.757	166	293845	76.20	ng	100
69) 4-Chlorophenyl-phenyle...	8.746	204	152849	78.47	ng	86
70) Diethylphthalate	8.629	149	309955	78.45	ng	95
71) 4-Nitroaniline	8.762	138	83726	80.31	ng	81
72) Atrazine	9.393	200	97206	81.15	ng	97
74) 4,6-Dinitro-2-methylph...	8.794	198	51709	84.55	ng	67
75) n-Nitrosodiphenylamine	8.858	169	261763	77.86	ng	98
77) 1,2-Diphenylhydrazine	8.901	77	338902	77.45	ng	88
78) 4-Bromophenyl-phenylether	9.238	248	85352	79.41	ng	88
79) Hexachlorobenzene	9.307	284	74980	78.88	ng	75
80) N-Octadecane	9.580	57	192311	76.57	ng	70
81) Pentachlorophenol	9.505	266	48306	85.65	ng	96
82) Phenanthrene	9.740	178	473058	76.48	ng	100
83) Anthracene	9.793	178	472738	77.12	ng	99
84) Carbazole	9.964	167	453685	77.63	ng	98
85) Di-n-butylphthalate	10.349	149	571130	82.06	ng	98
86) Fluoranthene	11.075	202	554725	80.11	ng	95
88) Pyrene	11.342	202	561428	80.24	ng	89
91) 4,4'-DDE	11.465	246	105371	82.83	ng	89
92) Endrin	11.791	81	26337	83.35	ng	59
93) 4,4'-DDD	11.861	235	182067	83.77	ng	91
94) Butylbenzylphthalate	12.122	149	254685	84.10	ng	92
95) Endrin aldehyde	11.791	67	13649	79.66	ng	66
96) 4,4'-DDT	12.224	235	155271	85.80	ng	97
97) Endrin ketone	12.705	317	17214	84.66	ng	98
98) 3,3'-Dichlorobenzidine	12.742	252	133781	83.60	ng	97
99) Benzo[a]anthracene	12.769	228	510821	78.85	ng	99
100) Chrysene	12.812	228	470851	78.63	ng	99
101) bis(2-Ethylhexyl)phtha...	12.822	149	313057	83.84	ng	94
103) Di-n-octylphthalate	13.570	149	604038	86.70	ng	100
104) Benzo[b]fluoranthene	13.987	252	478270	82.10	ng	96
105) Benzo[k]fluoranthene	14.019	252	449858	77.60	ng	95
106) Benzo[a]pyrene	14.345	252	459306	81.41	ng	95
107) Indeno[1,2,3-cd]pyrene	15.739	276	461466	81.74	ng	94
108) Dibenzo[a,h]anthracene	15.761	278	375974	81.77	ng	96
109) Benzo[g,h,i]perylene	16.124	276	382439	80.05	ng	94

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



SampleID : CAL BNA@120PPM
Data File: 5M55798.D
Acq On : 03/ 1/10 11:19

Operator : AHD
Sam Mult : 1 Vial# : 7
Misc : A,BNA

Qt Meth : 5M_0301.M
Qt On : 03/01/10 11:37
Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.824	152	46409	40.00	ng	-0.03
29) Naphthalene-d8	6.834	136	189086	40.00	ng	-0.04
47) Acenaphthene-d10	8.271	164	110244	40.00	ng	-0.04
73) Phenanthrene-d10	9.740	188	212970	40.00	ng	-0.04
87) Chrysene-d12	12.812	240	164776	40.00	ng	-0.04
102) Perylene-d12	14.441	264	178620	40.00	ng	-0.04
System Monitoring Compounds						
10) 2-Fluorophenol	4.611	112	210299	122.66	ng	-0.04
Spiked Amount 100.000			Recovery =	122.66%		
15) Phenol-d5	5.504	99	285703	124.25	ng	-0.03
Spiked Amount 100.000			Recovery =	124.25%		
30) Nitrobenzene-d5	6.273	128	48911	67.53	ng	-0.04
Spiked Amount 50.000			Recovery =	135.06%		
52) 2-Fluorobiphenyl	7.678	172	206713	56.15	ng	-0.04
Spiked Amount 50.000			Recovery =	112.30%		
76) 2,4,6-Tribromophenol	9.019	330	40414	136.91	ng	-0.03
Spiked Amount 100.000			Recovery =	136.91%		
90) Terphenyl-d14	11.556	244	268545	58.72	ng	-0.04
Spiked Amount 50.000			Recovery =	117.44%		
Target Compounds						
8) Pyridine	3.041	79	268748	115.66	ng	66
9) N-Nitrosodimethylamine	2.977	74	161670	115.74	ng	67
11) Benzaldehyde	5.439	77	69501	43.21	ng	81
12) Aniline	5.536	93	321712	140.45	ng	43
13) Pentachloroethane	5.584	117	59820	76.93	ng	84
14) bis(2-Chloroethyl)ether	5.600	93	199015	114.56	ng	80
16) Phenol	5.514	94	301816	128.09	ng	83
17) 2-Chlorophenol	5.642	128	196863	123.44	ng	81
18) N-Decane	5.691	57	192410	80.47	ng	76
19) 1,3-Dichlorobenzene	5.771	146	201204	113.84	ng	99
20) 1,4-Dichlorobenzene	5.835	146	203484	114.96	ng	97
21) 1,2-Dichlorobenzene	5.963	146	189192	113.87	ng	98
22) Benzyl alcohol	5.936	108	140973	122.36	ng	75
23) bis(2-chloroisopropyl)...	6.048	45	232170	102.26	ng	96
24) 2-Methylphenol	6.027	108	188643	120.71	ng	97
25) Acetophenone	6.155	105	243010	112.71	ng	74
26) Hexachloroethane	6.241	117	77498	116.85	ng	75
27) N-Nitroso-di-n-propyla...	6.155	70	133555	111.32	ng	62
28) 3&4-Methylphenol	6.150	108	177031	119.54	ng	95
31) Nitrobenzene	6.289	77	212935	117.82	ng	85
32) Isophorone	6.481	82	421480	110.88	ng	88
33) 2-Nitrophenol	6.540	139	104587	151.00	ng	89
34) 2,4-Dimethylphenol	6.567	107	206333	115.19	ng	100
35) Benzoic Acid	6.652	105	108473m	114.31	ng	
36) bis(2-Chloroethoxy)met...	6.641	93	240542	111.05	ng	98
37) 2,4-Dichlorophenol	6.722	162	156240	122.28	ng	91
38) 1,2,4-Trichlorobenzene	6.791	180	179108	113.66	ng	98
39) Naphthalene	6.855	128	543709	110.69	ng	100
40) 4-Chloroaniline	6.887	127	183110	127.17	ng	99
41) Hexachlorobutadiene	6.941	225	94924	115.97	ng	96
42) Caprolactam	7.181	113	79455	133.97	ng	70
43) 4-Chloro-3-methylphenol	7.256	107	191629	127.44	ng	89
44) 2-Methylnaphthalene	7.389	142	370655	113.92	ng	100
45) Methylnaphthalenes (To...	7.389	142	370655	113.92	ng	100
46) 1,1'-Biphenyl	7.763	154	450511	91.12	ng	97
48) 1,2,4,5-Tetrachloroben...	7.523	216	171422	112.05	ng	97
49) Hexachlorocyclopentadiene	7.512	237	89201	140.07	ng	99
50) 2,4,6-Trichlorophenol	7.614	196	118990	127.26	ng	100
51) 2,4,5-Trichlorophenol	7.646	196	126181	125.86	ng	99
53) 2-Chloronaphthalene	7.790	162	339089	111.74	ng	95
54) 1,4-Dimethylnaphthalene	8.073	156	254155	75.09	ng	90
55) Dimethylnaphthalenes (...)	8.073	156	254155	75.09	ng	90
56) Diphenyl Ether	7.849	170	248558	111.92	ng	85
57) 2-Nitroaniline	7.865	65	136685	123.40	ng	64
58) Acenaphthylene	8.148	152	564061	112.94	ng	98
59) Dimethylphthalate	8.014	163	415416	116.40	ng	99
60) 2,6-Dinitrotoluene	8.068	165	87023	145.18	ng	73
61) Acenaphthene	8.303	153	350264	112.53	ng	96
62) 3-Nitroaniline	8.217	138	97528	142.65	ng	41
63) 2,4-Dinitrophenol	8.314	184	50811	271.38	ng	89
64) Dibenzofuran	8.458	168	503532	113.89	ng	90
65) 2,4-Dinitrotoluene	8.431	165	133647	161.53	ng	69

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@120PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55798.D Sam Mult : 1 Vial# : 7 Qt On : 03/01/10 11:37
 Acq On : 03/ 1/10 11:19 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.351	65	79909	137.18	ng	83
67) 2,3,4,6-Tetrachlorophenol	8.565	232	104146	135.39	ng	84
68) Fluorene	8.784	166	392564	111.60	ng	99
69) 4-Chlorophenyl-phenyle...	8.773	204	206276	118.02	ng	83
70) Diethylphthalate	8.650	149	428722	119.52	ng	96
71) 4-Nitroaniline	8.794	138	113960	134.49	ng	81
72) Atrazine	9.419	200	134424	131.46	ng	97
74) 4,6-Dinitro-2-methylph...	8.821	198	75314	218.31	ng	62
75) n-Nitrosodiphenylamine	8.885	169	356047	106.76	ng	100
77) 1,2-Diphenylhydrazine	8.928	77	461481	97.60	ng	85
78) 4-Bromophenyl-phenylether	9.264	248	118099	112.49	ng	87
79) Hexachlorobenzene	9.334	284	102968	111.54	ng	75
80) N-Octadecane	9.601	57	270723	79.31	ng	70
81) Pentachlorophenol	9.532	266	69877	140.02	ng	98
82) Phenanthrene	9.767	178	646310	106.95	ng	100
83) Anthracene	9.825	178	650715	109.79	ng	99
84) Carbazole	9.991	167	636577	110.81	ng	98
85) Di-n-butylphthalate	10.376	149	802911	120.70	ng	98
86) Fluoranthene	11.108	202	771327	118.02	ng	93
88) Pyrene	11.369	202	786204	114.67	ng	92
89) Benzidine	11.257	184	142295	78.02	ng	90
91) 4,4'-DDE	11.492	246	145234	109.94	ng	89
92) Endrin	11.823	81	37765	119.85	ng	62
93) 4,4'-DDD	11.893	235	252282	117.35	ng	92
94) Butylbenzylphthalate	12.149	149	363763	126.50	ng	95
95) Endrin aldehyde	11.823	67	19387	88.13	ng	66
96) 4,4'-DDT	12.251	235	219007	138.17	ng	98
97) Endrin ketone	12.737	317	24156	120.63	ng	99
98) 3,3'-Dichlorobenzidine	12.769	252	163208	127.84	ng	98
99) Benzo[a]anthracene	12.801	228	709537	116.18	ng	99
100) Chrysene	12.844	228	626194	112.65	ng	99
101) bis(2-Ethylhexyl)phtha...	12.849	149	420103	124.13	ng	94
103) Di-n-octylphthalate	13.597	149	871148	131.80	ng	100
104) Benzo[b]fluoranthene	14.019	252	678479	117.45	ng	96
105) Benzo[k]fluoranthene	14.051	252	614289	109.75	ng	96
106) Benzo[a]pyrene	14.382	252	641835	120.14	ng	94
107) Indeno[1,2,3-cd]pyrene	15.787	276	633413	119.95	ng	96
108) Dibenzo[a,h]anthracene	15.809	278	513305	120.01	ng	96
109) Benzo[g,h,i]perylene	16.177	276	537352	120.47	ng	93

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

SampleID : CAL BNA@160PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55799.D Sam Mult : 1 Vial# : 8 Qt On : 03/01/10 11:59
 Acq On : 03/ 1/10 11:41 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.824	152	44825	40.00	ng	-0.03
29) Naphthalene-d8	6.839	136	181058	40.00	ng	-0.03
47) Acenaphthene-d10	8.271	164	107183	40.00	ng	-0.04
73) Phenanthrene-d10	9.740	188	205100	40.00	ng	-0.04
87) Chrysene-d12	12.812	240	155505	40.00	ng	-0.04
102) Perylene-d12	14.441	264	166069	40.00	ng	-0.04
System Monitoring Compounds						
10) 2-Fluorophenol	4.611	112	277727	167.72	ng	-0.04
Spiked Amount 100.000			Recovery =	167.72%		
15) Phenol-d5	5.503	99	371534	167.28	ng	-0.03
Spiked Amount 100.000			Recovery =	167.28%		
30) Nitrobenzene-d5	6.278	128	64001	92.28	ng	-0.03
Spiked Amount 50.000			Recovery =	184.56%		
52) 2-Fluorobiphenyl	7.678	172	262374	73.30	ng	-0.04
Spiked Amount 50.000			Recovery =	146.60%		
76) 2,4,6-Tribromophenol	9.019	330	52884	186.03	ng	-0.03
Spiked Amount 100.000			Recovery =	186.03%		
90) Terphenyl-d14	11.556	244	343635	79.62	ng	-0.04
Spiked Amount 50.000			Recovery =	159.24%		
Target Compounds						
8) Pyridine	3.041	79	349439	155.71	ng	66
9) N-Nitrosodimethylamine	2.977	74	213879	158.53	ng	69
11) Benzaldehyde	5.445	77	70308	45.25	ng	78
12) Aniline	5.541	93	398136	179.96	ng	39
13) Pentachloroethane	5.584	117	77267	102.88	ng	84
14) bis(2-Chloroethyl)ether	5.600	93	252664	150.58	ng	81
16) Phenol	5.519	94	381961	167.83	ng	83
17) 2-Chlorophenol	5.642	128	252616	164.00	ng	83
18) N-Decane	5.690	57	237854	103.00	ng	76
19) 1,3-Dichlorobenzene	5.776	146	256567	150.30	ng	97
20) 1,4-Dichlorobenzene	5.835	146	260092	152.13	ng	98
21) 1,2-Dichlorobenzene	5.963	146	241940	150.76	ng	99
22) Benzyl alcohol	5.936	108	182821	164.29	ng	77
23) bis(2-chloroisopropyl)...	6.048	45	292183	133.24	ng	98
24) 2-Methylphenol	6.027	108	242838	160.88	ng	97
25) Acetophenone	6.155	105	298405	143.30	ng	75
26) Hexachloroethane	6.241	117	99731	155.68	ng	76
27) N-Nitroso-di-n-propyla...	6.155	70	162882	140.57	ng	64
28) 3&4-Methylphenol	6.155	108	216544	151.38	ng	99
31) Nitrobenzene	6.294	77	270299	156.19	ng	82
32) Isophorone	6.481	82	536784	147.47	ng	90
33) 2-Nitrophenol	6.540	139	135860	204.85	ng	92
34) 2,4-Dimethylphenol	6.567	107	263973	153.90	ng	99
35) Benzoic Acid	6.663	105	187124m	205.94	ng	
36) bis(2-Chloroethoxy)met...	6.641	93	303482	146.32	ng	98
37) 2,4-Dichlorophenol	6.727	162	197934	161.78	ng	89
38) 1,2,4-Trichlorobenzene	6.791	180	227657	150.87	ng	97
39) Naphthalene	6.855	128	687117	146.08	ng	99
40) 4-Chloroaniline	6.887	127	208227	151.03	ng	99
41) Hexachlorobutadiene	6.946	225	123038	156.98	ng	97
42) Caprolactam	7.192	113	103162	181.65	ng	70
43) 4-Chloro-3-methylphenol	7.256	107	247343	171.78	ng	90
44) 2-Methylnaphthalene	7.389	142	473945	152.13	ng	99
45) Methylnaphthalenes (To...	7.389	142	473945	152.13	ng	99
46) 1,1'-Biphenyl	7.769	154	579203	122.34	ng	96
48) 1,2,4,5-Tetrachloroben...	7.523	216	216015	145.23	ng	98
49) Hexachlorocyclopentadiene	7.512	237	119745	193.40	ng	99
50) 2,4,6-Trichlorophenol	7.614	196	154354	169.79	ng	100
51) 2,4,5-Trichlorophenol	7.646	196	166570	170.89	ng	97
53) 2-Chloronaphthalene	7.790	162	430651	145.96	ng	95
54) 1,4-Dimethylnaphthalene	8.073	156	321234	97.62	ng	89
55) Dimethylnaphthalenes (...)	8.073	156	321234	97.62	ng	89
56) Diphenyl Ether	7.854	170	316729	146.70	ng	80
57) 2-Nitroaniline	7.870	65	173522	161.13	ng	57
58) Acenaphthylene	8.153	152	710651	146.35	ng	99
59) Dimethylphthalate	8.020	163	525885	151.56	ng	98
60) 2,6-Dinitrotoluene	8.073	165	108933	186.92	ng	68
61) Acenaphthene	8.303	153	445750	147.30	ng	97
62) 3-Nitroaniline	8.223	138	117512	176.78	ng	43
63) 2,4-Dinitrophenol	8.313	184	69570	382.19	ng	82
64) Dibenzofuran	8.458	168	626046	145.64	ng	91
65) 2,4-Dinitrotoluene	8.436	165	171136	212.75	ng	66

Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@160PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55799.D Sam Mult : 1 Vial# : 8 Qt On : 03/01/10 11:59
 Acq On : 03/ 1/10 11:41 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.356	65	104849	185.13	ng	83
67) 2,3,4,6-Tetrachlorophenol	8.565	232	132864	177.65	ng	84
68) Fluorene	8.784	166	492859	144.11	ng	100
69) 4-Chlorophenyl-phenyle...	8.773	204	261339	153.79	ng	85
70) Diethylphthalate	8.650	149	544517	156.14	ng	96
71) 4-Nitroaniline	8.800	138	145862	177.05	ng	81
72) Atrazine	9.425	200	173599	174.62	ng	96
74) 4,6-Dinitro-2-methylph...	8.821	198	98811	297.41	ng	52
75) n-Nitrosodiphenylamine	8.885	169	444050	138.25	ng	99
77) 1,2-Diphenylhydrazine	8.928	77	594243	130.50	ng	86
78) 4-Bromophenyl-phenylether	9.264	248	151155	149.50	ng	89
79) Hexachlorobenzene	9.334	284	130928	147.27	ng	79
80) N-Octadecane	9.606	57	330386	100.50	ng	66
81) Pentachlorophenol	9.531	266	93713	194.99	ng	96
82) Phenanthrene	9.772	178	817297	140.44	ng	100
83) Anthracene	9.825	178	815922	142.95	ng	99
84) Carbazole	9.991	167	794307	143.57	ng	99
85) Di-n-butylphthalate	10.376	149	1001523	156.34	ng	98
86) Fluoranthene	11.107	202	974319	154.80	ng	93
88) Pyrene	11.375	202	987044	152.55	ng	89
89) Benzidine	11.257	184	145962	84.80	ng	88
91) 4,4'-DDE	11.492	246	184521	148.00	ng	89
92) Endrin	11.823	81	47839	160.87	ng	59
93) 4,4'-DDD	11.893	235	320663	158.06	ng	91
94) Butylbenzylphthalate	12.149	149	458130	168.81	ng	94
95) Endrin aldehyde	11.823	67	23795	114.62	ng	66
96) 4,4'-DDT	12.251	235	277187	185.30	ng	99
97) Endrin ketone	12.737	317	30757	162.75	ng	99
98) 3,3'-Dichlorobenzidine	12.774	252	194151	161.15	ng	96
99) Benzo[a]anthracene	12.801	228	901008	156.33	ng	99
100) Chrysene	12.849	228	804940	153.44	ng	98
101) bis(2-Ethylhexyl)phtha...	12.849	149	521457	163.27	ng	92
103) Di-n-octylphthalate	13.602	149	1118237	181.97	ng	100
104) Benzo[b]fluoranthene	14.024	252	836554	155.76	ng	95
105) Benzo[k]fluoranthene	14.056	252	787016	151.24	ng	94
106) Benzo[a]pyrene	14.388	252	807687	162.61	ng	93
107) Indeno[1,2,3-cd]pyrene	15.793	276	794415	161.81	ng	97
108) Dibenzo[a,h]anthracene	15.814	278	637028	160.19	ng	95
109) Benzo[g,h,i]perylene	16.183	276	674351	162.61	ng	94

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

SampleID : CAL BNA@196PPM
Data File: 5M55800.D
Acq On : 03/ 1/10 12:04

Operator : AHD
Sam Mult : 1 Vial# : 9
Misc : A,BNA

Qt Meth : 5M_0301.M
Qt On : 03/01/10 12:57
Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.824	152	43501	40.00	ng	-0.03
29) Naphthalene-d8	6.839	136	175337	40.00	ng	-0.03
47) Acenaphthene-d10	8.271	164	103098	40.00	ng	-0.04
73) Phenanthrene-d10	9.740	188	191633	40.00	ng	-0.04
87) Chrysene-d12	12.817	240	144088	40.00	ng	-0.03
102) Perylene-d12	14.441	264	157967	40.00	ng	-0.04
System Monitoring Compounds						
10) 2-Fluorophenol	4.611	112	324532	201.95	ng	-0.04
Spiked Amount 100.000			Recovery	=	201.95%	
15) Phenol-d5	5.509	99	437225	202.85	ng	-0.03
Spiked Amount 100.000			Recovery	=	202.85%	
30) Nitrobenzene-d5	6.278	128	77362	115.18	ng	-0.03
Spiked Amount 50.000			Recovery	=	230.36%	
52) 2-Fluorobiphenyl	7.683	172	310286	90.13	ng	-0.03
Spiked Amount 50.000			Recovery	=	180.26%	
76) 2,4,6-Tribromophenol	9.018	330	63185	237.89	ng	-0.03
Spiked Amount 100.000			Recovery	=	237.89%	
90) Terphenyl-d14	11.556	244	402191	100.57	ng	-0.04
Spiked Amount 50.000			Recovery	=	201.14%	
Target Compounds						
8) Pyridine	3.041	79	404776	185.85	ng	65
9) N-Nitrosodimethylamine	2.982	74	253524	193.63	ng	67
11) Benzaldehyde	5.439	77	71927	47.71	ng	83
12) Aniline	5.541	93	436258	203.19	ng	40
13) Pentachloroethane	5.583	117	91361	125.35	ng	83
14) bis(2-Chloroethyl)ether	5.599	93	295210	181.29	ng	82
16) Phenol	5.519	94	445798	201.85	ng	84
17) 2-Chlorophenol	5.642	128	300777	201.21	ng	83
18) N-Decane	5.690	57	274568	122.51	ng	76
19) 1,3-Dichlorobenzene	5.776	146	303892	183.44	ng	96
20) 1,4-Dichlorobenzene	5.835	146	305348	184.04	ng	98
21) 1,2-Dichlorobenzene	5.963	146	284717	182.82	ng	99
22) Benzyl alcohol	5.941	108	213565	197.76	ng	73
23) bis(2-chloroisopropyl)...	6.048	45	339314	159.45	ng	99
24) 2-Methylphenol	6.027	108	287175	196.04	ng	97
25) Acetophenone	6.155	105	343069	169.76	ng	75
26) Hexachloroethane	6.241	117	120763	194.25	ng	77
27) N-Nitroso-di-n-propyla...	6.160	70	187577	166.81	ng	62
28) 3&4-Methylphenol	6.155	108	249169	179.49	ng	98
31) Nitrobenzene	6.294	77	321413	191.79	ng	82
32) Isophorone	6.481	82	646634	183.45	ng	90
33) 2-Nitrophenol	6.540	139	164846	256.66	ng	92
34) 2,4-Dimethylphenol	6.572	107	314454	189.31	ng	99
35) Benzoic Acid	6.673	105	244561	277.93	ng	89
36) bis(2-Chloroethoxy)met...	6.647	93	356251	177.36	ng	97
37) 2,4-Dichlorophenol	6.727	162	237402	200.37	ng	91
38) 1,2,4-Trichlorobenzene	6.791	180	271035	185.48	ng	98
39) Naphthalene	6.855	128	801162	175.89	ng	99
40) 4-Chloroaniline	6.887	127	213715	160.07	ng	100
41) Hexachlorobutadiene	6.946	225	147268	194.03	ng	97
42) Caprolactam	7.197	113	122519	222.77	ng	70
43) 4-Chloro-3-methylphenol	7.261	107	291018	208.71	ng	86
44) 2-Methylnaphthalene	7.389	142	550990	182.63	ng	100
45) Methylnaphthalenes (To...	7.389	142	550990	182.63	ng	100
46) 1,1'-Biphenyl	7.768	154	674683	147.16	ng	95
48) 1,2,4,5-Tetrachloroben...	7.523	216	252575	176.54	ng	97
49) Hexachlorocyclopentadiene	7.517	237	142442	239.18	ng	100
50) 2,4,6-Trichlorophenol	7.613	196	178610	204.26	ng	99
51) 2,4,5-Trichlorophenol	7.651	196	195111	208.10	ng	99
53) 2-Chloronaphthalene	7.790	162	497793	175.40	ng	96
54) 1,4-Dimethylnaphthalene	8.073	156	368496	116.42	ng	89
55) Dimethylnaphthalenes (...)	8.073	156	368496	116.42	ng	89
56) Diphenyl Ether	7.854	170	365509	176.00	ng	80
57) 2-Nitroaniline	7.870	65	200299	193.37	ng	59
58) Acenaphthylene	8.153	152	827128	177.09	ng	99
59) Dimethylphthalate	8.019	163	621589	186.24	ng	98
60) 2,6-Dinitrotoluene	8.073	165	127167	226.85	ng	69
61) Acenaphthene	8.303	153	516371	177.39	ng	97
62) 3-Nitroaniline	8.222	138	134562	210.45	ng	42
63) 2,4-Dinitrophenol	8.319	184	84587	483.10	ng	83
64) Dibenzofuran	8.463	168	726391	175.68	ng	88
65) 2,4-Dinitrotoluene	8.436	165	203052	262.43	ng	71

Quantitation Report (Not Reviewed)

SampleID : CAL_BNA@196PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55800.D Sam Mult : 1 Vial# : 9 Qt On : 03/01/10 12:57
 Acq On : 03/ 1/10 12:04 Misc : A,BNA Qt Upd On: 03/01/10 09:46

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-01-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.356	65	126024	231.33	ng	85
67) 2,3,4,6-Tetrachlorophenol	8.564	232	157881	219.47	ng	84
68) Fluorene	8.783	166	578753	175.93	ng	100
69) 4-Chlorophenyl-phenyle...	8.773	204	311603	190.64	ng	84
70) Diethylphthalate	8.655	149	635093	189.32	ng	96
71) 4-Nitroaniline	8.799	138	173616	219.09	ng	82
72) Atrazine	9.425	200	199604	208.73	ng	97
74) 4,6-Dinitro-2-methylph...	8.826	198	118618	382.11	ng	60
75) n-Nitrosodiphenylamine	8.890	169	525448	175.09	ng	98
77) 1,2-Diphenylhydrazine	8.933	77	667734	156.94	ng	79
78) 4-Bromophenyl-phenylether	9.264	248	179048	189.53	ng	90
79) Hexachlorobenzene	9.334	284	154417	185.89	ng	79
80) N-Octadecane	9.606	57	374061	121.78	ng	66
81) Pentachlorophenol	9.531	266	110789	246.72	ng	97
82) Phenanthrene	9.772	178	950842	174.87	ng	100
83) Anthracene	9.825	178	943843	176.98	ng	99
84) Carbazole	9.996	167	927083	179.34	ng	99
85) Di-n-butylphthalate	10.381	149	1168785	195.27	ng	98
86) Fluoranthene	11.107	202	1119708	190.40	ng	93
88) Pyrene	11.374	202	1143456	190.73	ng	90
89) Benzidine	11.257	184	173096	108.54	ng	90
91) 4,4'-DDE	11.492	246	215820	186.83	ng	88
92) Endrin	11.823	81	54686	198.46	ng	56
93) 4,4'-DDD	11.893	235	375601	199.80	ng	92
94) Butylbenzylphthalate	12.154	149	539045	214.37	ng	90
95) Endrin aldehyde	11.823	67	27435	142.63	ng	67
96) 4,4'-DDT	12.251	235	325926	235.15	ng	100
97) Endrin ketone	12.737	317	36578	208.88	ng	99
98) 3,3'-Dichlorobenzidine	12.774	252	218791	195.99	ng	97
99) Benzo[a]anthracene	12.806	228	1032622	193.36	ng	100
100) Chrysene	12.849	228	914461	188.13	ng	99
101) bis(2-Ethylhexyl)phtha...	12.849	149	594639	200.93	ng	92
103) Di-n-octylphthalate	13.602	149	1298979	222.23	ng	100
104) Benzo[b]fluoranthene	14.024	252	1029559	201.53	ng	96
105) Benzo[k]fluoranthene	14.056	252	864216	174.59	ng	95
106) Benzo[a]pyrene	14.387	252	938269	198.59	ng	94
107) Indeno[1,2,3-cd]pyrene	15.798	276	947076	202.80	ng	96
108) Dibenzo[a,h]anthracene	15.819	278	745884	197.18	ng	94
109) Benzo[g,h,i]perylene	16.188	276	782689	198.42	ng	94

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

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
Pvridine	1	0		59.99	50	120		50	150
N-Nitrosodimethylamine	1	0		52.38	50	105		70	130
Benzaldehyde	1	0		53.48	50	107		50	150
Aniline	1	0		57.71	50	115		50	150
Pentachloroethane	1	0		60.65	50	121		70	130
bis(2-Chloroethyl)ether	1	0		49.59	50	99		70	130
Phenol	1	0		50.24	50	100		70	130
2-Chlorophenol	1	0		51.6	50	103		70	130
1,3-Dichlorobenzene	1	0		49.86	50	100		70	130
1,4-Dichlorobenzene	1	0		49.25	50	99		70	130
1,2-Dichlorobenzene	1	0		53.72	50	107		70	130
Benzyl alcohol	1	0		53.24	50	106		70	130
bis(2-chloroisopropyl)ether	1	0		50.5	50	101		70	130
2-Methylphenol	1	0		51.78	50	104		70	130
Acetophenone	1	0		52.02	50	104		70	130
Hexachloroethane	1	0		53.37	50	107		70	130
N-Nitroso-di-n-propylamine	1	0		51.03	50	102		70	130
3,4,4-Methylphenol	1	0		53.4	50	107		70	130
Nitrobenzene	1	0		50.88	50	102		70	130
Isophorone	1	0		50.12	50	100		70	130
2-Nitrophenol	1	0		51.68	50	103		70	130
2,4-Dimethylphenol	1	0		50.67	50	101		70	130
Benzoic Acid	1	0		58.69	50	117		70	130
bis(2-Chloroethoxy)methane	1	0		50.42	50	101		70	130
2,4-Dichlorophenol	1	0		51.59	50	103		70	130
1,2,4-Trichlorobenzene	1	0		48.08	50	96		70	130
Naphthalene	1	0		49.34	50	99		70	130
4-Chloroaniline	1	0		51.11	50	102		50	150
Hexachlorobutadiene	1	0		48.36	50	97		70	130
Caprolactam	1	0		47.72	50	95		70	130
4-Chloro-3-methylphenol	1	0		51.9	50	104		70	130
2-Methylnaphthalene	1	0		47.32	50	95		70	130
1,1'-Biophenyl	1	0		57.3	50	115		70	130
1,2,4,5-Tetrachlorobenzene	1	0		50.91	50	102		70	130
Hexachlorocyclopentadiene	1	0		56.02	50	112		70	130
2,4,6-Trichlorophenol	1	0		52.52	50	105		70	130
2,4,5-Trichlorophenol	1	0		53.11	50	106		70	130
2-Chloronaphthalene	1	0		51.56	50	103		70	130
1,4-Dimethylnaphthalene	1	0		46.95	50	94		70	130
Diphenyl Ether	1	0		50.22	50	100		70	130
2-Nitroaniline	1	0		59.21	50	118		70	130
Acenaphthylene	1	0		51.15	50	102		70	130
Dimethylphthalate	1	0		49.92	50	100		70	130
2,6-Dinitrotoluene	1	0		50.45	50	101		70	130
Acenaphthene	1	0		49.08	50	98		70	130
3-Nitroaniline	1	0		60.1	50	120		70	130
2,4-Dinitrophenol	1	0		39.63	50	79		70	130
Dibenzofuran	1	0		49.13	50	98		70	130
2,4-Dinitrotoluene	1	0		50.82	50	102		70	130
4-Nitrophenol	1	0		53.88	50	108		70	130
2,3,4,6-Tetrachlorophenol	1	0		75.02	50	150	*	70	130
Fluorene	1	0		49	50	98		70	130
4-Chlorophenyl-phenylether	1	0		50.94	50	102		70	130
Diethylphthalate	1	0		49.62	50	99		70	130
4-Nitroaniline	1	0		53.1	50	106		70	130
Atrazine	1	0		49.23	50	98		70	130
4,6-Dinitro-2-methylphenol	1	0		46.67	50	93		70	130
n-Nitrosodiphenylamine	1	0		41.52	50	83		70	130
1,2-Diphenylhydrazine	1	0		48.59	50	97		70	130
4-Bromophenyl-phenylether	1	0		49.61	50	99		70	130
Hexachlorobenzene	1	0		53.44	50	107		70	130
Pentachlorophenol	1	0		47.89	50	96		70	130
Phenanthrene	1	0		47.9	50	96		70	130
Anthracene	1	0		49.78	50	100		70	130
Carbazole	1	0		48.49	50	97		70	130
Di-n-butylphthalate	1	0		50.28	50	101		70	130
Fluoranthene	1	0		52.89	50	106		70	130
Pvrene	1	0		46.54	50	93		70	130
Benzidine	1	0		40.07	50	80		50	150
Butylbenzylphthalate	1	0		47.46	50	95		70	130
3,3'-Dichlorobenzidine	1	0		63.28	50	127		50	150
Benzofalanthracene	1	0		46.51	50	93		70	130
Chrysene	1	0		48.83	50	98		70	130
bis(2-Ethylhexyl)phthalate	1	0		49.17	50	98		70	130
Di-n-octylphthalate	1	0		50.69	50	101		70	130
Benzobifluoranthene	1	0		49.8	50	100		70	130
Benzokifluoranthene	1	0		52.06	50	104		70	130
Benzoflavorene	1	0		46.95	50	94		70	130
Indeno[1,2,3-cd]pyrene	1	0		50.51	50	101		70	130
Dibenzofalanthracene	1	0		52.57	50	105		70	130
Benzofalanthracene	1	0		49.04	50	98		70	130

TxtDfile: 9M23477.D

ICV FORM

Date/Time: 03/01/10 13:06

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
Pvridine	1	0		58.79	50	118		50	150
N-Nitrosodimethylamine	1	0		55.59	50	111		70	130
Benzaldehyd	1	0		77.78	50	156		50	150
Aniline	1	0		61.54	50	123		50	150
Pentachloroethane	1	0		55.49	50	111		70	130
bis(2-Chloroethyl)ether	1	0		55.26	50	111		70	130
Phenol	1	0		57.8	50	116		70	130
2-Chlorophenol	1	0		58.31	50	117		70	130
1,3-Dichlorobenzene	1	0		52.92	50	106		70	130
1,4-Dichlorobenzene	1	0		54.97	50	110		70	130
1,2-Dichlorobenzene	1	0		54.81	50	110		70	130
Benzyl alcohol	1	0		56.57	50	113		70	130
bis(2-chloroisopropyl)ether	1	0		52.47	50	105		70	130
2-Methylphenol	1	0		53.48	50	107		70	130
Acetophenone	1	0		59.67	50	119		70	130
Hexachloroethane	1	0		54.71	50	109		70	130
N-Nitroso-di-n-propylamine	1	0		52.74	50	105		70	130
3,4-Methylphenol	1	0		55.65	50	111		70	130
Nitrobenzene	1	0		55.37	50	111		70	130
Isophorone	1	0		53.17	50	106		70	130
2-Nitrophenol	1	0		57.68	50	115		70	130
2,4-Dimethylphenol	1	0		53.29	50	107		70	130
Benzoic Acid	1	0		54.9	50	110		70	130
bis(2-Chloroethoxy)methane	1	0		53.73	50	107		70	130
2,4-Dichlorophenol	1	0		55.35	50	111		70	130
1,2,4-Trichlorobenzene	1	0		56.29	50	113		70	130
Naphthalene	1	0		55.1	50	110		70	130
4-Chloroaniline	1	0		60.51	50	121		50	150
Hexachlorobutadiene	1	0		55.7	50	111		70	130
Caprolactam	1	0		60	50	120		70	130
4-Chloro-3-methylphenol	1	0		53.87	50	108		70	130
2-Methylnaphthalene	1	0		52.19	50	104		70	130
1,1'-Biophenyl	1	0		52.17	50	104		70	130
1,2,4,5-Tetrachlorobenzene	1	0		53.78	50	108		70	130
Hexachlorocyclopentadiene	1	0		59.55	50	119		70	130
2,4,6-Trichlorophenol	1	0		52.61	50	105		70	130
2,4,5-Trichlorophenol	1	0		50.46	50	101		70	130
2-Chloronaphthalene	1	0		51.81	50	104		70	130
1,4-Dimethylnaphthalene	1	0		50.94	50	102		70	130
Diphenyl Ether	1	0		56.02	50	112		70	130
2-Nitroaniline	1	0		50.63	50	101		70	130
Acenaphthylene	1	0		55.21	50	110		70	130
Dimethylphthalate	1	0		51.01	50	102		70	130
2,6-Dinitrotoluene	1	0		53.66	50	107		70	130
Acenaphthene	1	0		52.22	50	104		70	130
3-Nitroaniline	1	0		59.9	50	120		70	130
2,4-Dinitrophenol	1	0		47.18	50	94		70	130
Dibenzofuran	1	0		51.85	50	104		70	130
2,4-Dinitrotoluene	1	0		52.78	50	106		70	130
4-Nitrophenol	1	0		48.42	50	97		70	130
2,3,4,6-Tetrachlorophenol	1	0		53.69	50	107		70	130
Fluorene	1	0		51.85	50	104		70	130
4-Chlorophenyl-phenylether	1	0		52.04	50	104		70	130
Diethylphthalate	1	0		52.23	50	104		70	130
4-Nitroaniline	1	0		52.49	50	105		70	130
Atrazine	1	0		56.53	50	113		70	130
4,6-Dinitro-2-methylphenol	1	0		51.38	50	103		70	130
n-Nitrosodiphenylamine	1	0		42.78	50	86		70	130
1,2-Diphenylhydrazine	1	0		53.14	50	106		70	130
4-Bromophenyl-phenylether	1	0		55.9	50	112		70	130
Hexachlorobenzene	1	0		52.57	50	105		70	130
Pentachlorophenol	1	0		52.76	50	106		70	130
Phenanthrene	1	0		52.71	50	105		70	130
Anthracene	1	0		53.6	50	107		70	130
Carbazole	1	0		52.06	50	104		70	130
Di-n-butylphthalate	1	0		53.68	50	107		70	130
Fluoranthene	1	0		55.16	50	110		70	130
Pvrene	1	0		49.96	50	100		70	130
Benzidine	1	0		78.01	50	156		50	150
Butylbenzylphthalate	1	0		51.66	50	103		70	130
3,3'-Dichlorobenzidine	1	0		65.77	50	132		50	150
Benzofalanthracene	1	0		51.49	50	103		70	130
Chrysene	1	0		50.56	50	101		70	130
bis(2-Ethylhexyl)phthalate	1	0		52	50	104		70	130
Di-n-octylphthalate	1	0		53.07	50	106		70	130
Benzobifluoranthene	1	0		51.83	50	104		70	130
Benzokifluoranthene	1	0		55.04	50	110		70	130
Benzoflavrene	1	0		49.76	50	100		70	130
Indenof1,2,3-cdlovrene	1	0		50.01	50	100		70	130
Dibenzofalanthracene	1	0		51.67	50	103		70	130
Benzofalanthracene	1	0		53.4	50	107		70	130

TxtDfile: 5M55805.D

ICV FORM

Date/Time: 03/01/10 14:51

Compound	bytCol Num:	bytMr Num:	Type	sngConc:	Exp Conc	Rec	Flag	sngLoLim:	sngHiLim:
Pvridine	1	0		60.96	50	122		50	150
N-Nitrosodimethylamine	1	0		53.98	50	108		70	130
Benzaldehyde	1	0		72.34	50	145		50	150
Aniline	1	0		59.5	50	119		50	150
Pentachloroethane	1	0		56.38	50	113		70	130
bis(2-Chloroethyl)ether	1	0		54.08	50	108		70	130
Phenol	1	0		55.12	50	110		70	130
2-Chlorophenol	1	0		54.64	50	109		70	130
1,3-Dichlorobenzene	1	0		52.52	50	105		70	130
1,4-Dichlorobenzene	1	0		53.96	50	108		70	130
1,2-Dichlorobenzene	1	0		55.43	50	111		70	130
Benzyl alcohol	1	0		54.35	50	109		70	130
bis(2-chloroisopropyl)ether	1	0		52.84	50	106		70	130
2-Methylphenol	1	0		52.74	50	105		70	130
Acetophenone	1	0		60.9	50	122		70	130
Hexachloroethane	1	0		52.7	50	105		70	130
N-Nitroso-di-n-propylamine	1	0		54.36	50	109		70	130
3,4-Methylphenol	1	0		54.6	50	109		70	130
Nitrobenzene	1	0		53.3	50	107		70	130
Isophorone	1	0		52.94	50	106		70	130
2-Nitrophenol	1	0		57.02	50	114		70	130
2,4-Dimethylphenol	1	0		53.89	50	108		70	130
Benzoic Acid	1	0		40.03	50	80		70	130
bis(2-Chloroethoxy)methane	1	0		54	50	108		70	130
2,4-Dichlorophenol	1	0		54.77	50	110		70	130
1,2,4-Trichlorobenzene	1	0		53.15	50	106		70	130
Naphthalene	1	0		54.4	50	109		70	130
4-Chloroaniline	1	0		58.52	50	117		50	150
Hexachlorobutadiene	1	0		53.48	50	107		70	130
Caprolactam	1	0		52.97	50	106		70	130
4-Chloro-3-methylphenol	1	0		54.01	50	108		70	130
2-Methylnaphthalene	1	0		51.9	50	104		70	130
1,1'-Biophenyl	1	0		51.84	50	104		70	130
1,2,4,5-Tetrachlorobenzene	1	0		57.07	50	114		70	130
Hexachlorocyclopentadiene	1	0		60.37	50	121		70	130
2,4,6-Trichlorophenol	1	0		56.13	50	112		70	130
2,4,5-Trichlorophenol	1	0		53.88	50	108		70	130
2-Chloronaphthalene	1	0		53.36	50	107		70	130
1,4-Dimethylnaphthalene	1	0		50.96	50	102		70	130
Diphenyl Ether	1	0		54.15	50	108		70	130
2-Nitroaniline	1	0		53.68	50	107		70	130
Acenaphthylene	1	0		55.9	50	112		70	130
Dimethylphthalate	1	0		52.47	50	105		70	130
2,6-Dinitrotoluene	1	0		54.52	50	109		70	130
Acenaphthene	1	0		52.4	50	105		70	130
3-Nitroaniline	1	0		60.27	50	121		70	130
2,4-Dinitrophenol	1	0		50.37	50	101		70	130
Dibenzofuran	1	0		51.46	50	103		70	130
2,4-Dinitrotoluene	1	0		55.73	50	111		70	130
4-Nitrophenol	1	0		55.08	50	110		70	130
2,3,4,6-Tetrachlorophenol	1	0		56.67	50	113		70	130
Fluorene	1	0		53.43	50	107		70	130
4-Chlorophenyl-phenylether	1	0		52.06	50	104		70	130
Diethylphthalate	1	0		53.06	50	106		70	130
4-Nitroaniline	1	0		53.36	50	107		70	130
Atrazine	1	0		58.87	50	118		70	130
4,6-Dinitro-2-methylphenol	1	0		52.06	50	104		70	130
n-Nitrosodiphenylamine	1	0		44.17	50	88		70	130
1,2-Diphenylhydrazine	1	0		51.96	50	104		70	130
4-Bromophenyl-phenylether	1	0		51.93	50	104		70	130
Hexachlorobenzene	1	0		51.92	50	104		70	130
Pentachlorophenol	1	0		55.73	50	111		70	130
Phenanthrene	1	0		52.49	50	105		70	130
Anthracene	1	0		54.13	50	108		70	130
Carbazole	1	0		51.7	50	103		70	130
Di-n-butylphthalate	1	0		54.31	50	109		70	130
Fluoranthene	1	0		56.55	50	113		70	130
Pvrene	1	0		51.21	50	102		70	130
Benzidine	1	0		87.84	50	176		50	150
Butylbenzylphthalate	1	0		52.22	50	104		70	130
3,3'-Dichlorobenzidine	1	0		70.62	50	141		50	150
Benzofalanthracene	1	0		51.78	50	104		70	130
Chrysene	1	0		51.57	50	103		70	130
bis(2-Ethylhexyl)phthalate	1	0		53.35	50	107		70	130
Di-n-octylphthalate	1	0		54.52	50	109		70	130
Benzobifluoranthene	1	0		54.2	50	108		70	130
Benzoklfluoranthene	1	0		55.14	50	110		70	130
Benzofalpvrene	1	0		51.97	50	104		70	130
Indenol 1,2,3-cd pvrene	1	0		52.69	50	105		70	130
Dibenzofalanthracene	1	0		54.49	50	109		70	130
Benzofal h ilpervlene	1	0		53.38	50	107		70	130

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM Data File: 9M23325.D
 Cont Calibration Date/Time 2/17/2010 9:43:00 A Method: EPA 8270C

Instrument: GCMS 9

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	5.38	40.00	40				0.000	0.00	
Pyridine	1	0		2.35	57.59	50			1.369	1.398	15.18	
N-Nitrosodimethylamine	1	0		2.29	53.66	50			0.798	0.890	7.32	
2-Fluorophenol	1	0	S	4.14	51.72	50			1.241	1.284	3.44	
Benzaldehyde	1	0		4.99	46.26	50			1.100	1.210	7.48	
Aniline	1	0		5.10	58.58	50			1.994	2.336	17.16	
Pentachloroethane	1	0		5.13	48.16	50			0.746	0.718	3.68	
bis(2-Chloroethyl)ether	1	0		5.17	47.70	50			1.409	1.344	4.60	
Phenol-d5	1	0	S	5.09	53.77	50			1.845	1.984	7.54	
Phenol	1	0	CC	5.10	55.68	50	20		1.966	2.189	11.36	
2-Chlorophenol	1	0		5.20	50.65	50			1.412	1.430	1.30	
N-Decane	1	0		5.25	53.68	50			2.056	2.208	7.36	
1,3-Dichlorobenzene	1	0		5.33	49.88	50			1.503	1.499	0.24	
1,4-Dichlorobenzene	1	0	CC	5.40	47.81	50	20		1.606	1.535	4.38	
1,2-Dichlorobenzene	1	0		5.52	49.63	50			1.428	1.418	0.74	
Benzyl alcohol	1	0		5.51	54.41	50			0.901	0.981	8.82	
bis(2-chloroisopropyl)ether	1	0		5.62	51.32	50			2.190	2.248	2.64	
2-Methylphenol	1	0		5.62	52.61	50			1.346	1.417	5.22	
Acetophenone	1	0		5.72	47.92	50			2.197	2.105	4.16	
Hexachloroethane	1	0		5.80	49.16	50			0.655	0.644	1.68	
N-Nitroso-di-n-propylamine	1	0	CP	5.73	52.92	50	0.05		1.255	1.328	5.84	
3,4-Methylphenol	1	0		5.74	52.53	50			1.364	1.433	5.06	
Naphthalene-d8	1	0	I	6.40	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.85	25.58	25			0.175	0.180	2.32	
Nitrobenzene	1	0		5.86	55.18	50			0.456	0.503	10.36	
Isophorone	1	0		6.05	52.54	50			0.802	0.843	5.08	
2-Nitrophenol	1	0	CC	6.11	53.57	50	20		0.192	0.206	7.14	
2,4-Dimethylphenol	1	0		6.15	55.64	50			0.394	0.439	11.28	
Benzoic Acid	1	0		6.24	60.95	50			0.190	0.219	21.90	
bis(2-Chloroethoxy)methane	1	0		6.22	50.44	50			0.445	0.449	0.88	
2,4-Dichlorophenol	1	0	CC	6.30	51.83	50	20		0.287	0.298	3.66	
1,2,4-Trichlorobenzene	1	0		6.36	46.74	50			0.337	0.315	6.52	
Naphthalene	1	0		6.42	50.17	50			1.095	1.099	0.34	
4-Chloroaniline	1	0		6.46	51.90	50			0.337	0.427	3.80	
Hexachlorobutadiene	1	0	CC	6.50	50.52	50	20		0.190	0.192	1.04	
Caprolactam	1	0		6.73	49.45	50			0.134	0.132	1.10	
4-Chloro-3-methylphenol	1	0	CC	6.83	51.81	50	20		0.339	0.351	3.62	
2-Methylnaphthalene	1	0		6.93	50.06	50			0.728	0.728	0.12	
Methylnaphthalenes	1	0		6.93	50.06	50	20			0.728	0.12	
1,1'-Bi-phenyl	1	0		7.29	49.87	50			1.141	1.138	0.26	
Acenaphthene-d10	1	0	I	7.77	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.06	50.02	50			0.613	0.613	0.04	
Hexachlorocyclopentadiene	1	0	CP	7.05	39.28	50	0.05		0.125	0.075	21.44	
2,4,6-Trichlorophenol	1	0	CC	7.15	55.26	50	20		0.342	0.378	10.52	
2,4,5-Trichlorophenol	1	0		7.19	53.35	50			0.370	0.394	6.70	
2-Fluorobiphenyl	1	0	S	7.21	24.87	25			1.396	1.389	0.52	
2-Chloronaphthalene	1	0		7.31	50.70	50			1.182	1.199	1.40	
1,4-Dimethylnaphthalene	1	0		7.58	51.01	50			1.376	1.404	2.02	
Dimethylnaphthalenes	1	0		7.58	51.01	50	20			1.404	2.02	
Diphenyl Ether	1	0		7.37	47.19	50			0.915	0.863	5.62	
2-Nitroaniline	1	0		7.39	51.83	50			0.511	0.535	3.66	
Acenaphthylene	1	0		7.65	50.63	50			1.997	2.022	1.26	
Dimethylphthalate	1	0		7.54	50.85	50			1.418	1.442	1.70	
2,6-Dinitrotoluene	1	0		7.59	52.48	50			0.315	0.331	4.96	
Acenaphthene	1	0	CC	7.79	50.24	50	20		1.281	1.287	0.48	
3-Nitroaniline	1	0		7.73	58.52	50			0.287	0.336	17.04	
2,4-Dinitrophenol	1	0	CP	7.84	50.63	50	0.05		0.139	0.148	1.26	
Dibenzofuran	1	0		7.95	51.11	50			1.712	1.750	2.22	
2,4-Dinitrotoluene	1	0		7.94	51.51	50			0.436	0.449	3.02	
4-Nitrophenol	1	0	CP	7.89	60.29	50	0.05		0.252	0.314	20.58	
2,3,4,6-Tetrachlorophenol	1	0		8.05	54.39	50			0.297	0.323	8.78	
Fluorene	1	0		8.25	50.99	50			1.420	1.448	1.98	
4-Chlorophenyl-phenylether	1	0		8.25	50.29	50			0.638	0.642	0.58	
Diethylphthalate	1	0		8.14	51.47	50			1.488	1.531	2.94	
4-Nitroaniline	1	0		8.28	53.61	50			0.353	0.379	7.22	
Atrazine	1	0		8.89	45.91	50			0.449	0.412	8.18	
Phenanthrene-d10	1	0	I	9.18	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.31	52.19	50			0.139	0.156	4.38	
n-Nitrosodiphenylamine	1	0	CC	8.36	52.89	50	20		0.731	0.773	5.78	
2,4,6-Tribromophenol	1	0	S	8.48	64.81	50			0.075	0.097	29.62	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound I - Internal Standard
 * - Failed the C or P Criteria

** - No limit specified in method

Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 2/17/2010 9:43:00 AData File: 9M23325.D
Method: EPA 8270C

Instrument: GCMS 9

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diohenvlhvdrazine	1	0		8.40	54.84	50			1.083	1.187	9.68	
4-Bromophenvl-phenvlether	1	0		8.72	52.99	50			0.223	0.236	5.98	
Hexachlorobenzene	1	0		8.79	58.91	50			0.219	0.241	17.82	
N-Octadecane	1	0		9.07	57.36	50			0.826	0.947	14.72	
Pentachlorophenol	1	0	CC	8.99	54.01	50	20		0.091	0.098	8.02	
Phenanthrene	1	0		9.20	50.36	50			1.245	1.254	0.72	
Anthracene	1	0		9.26	50.21	50			1.262	1.268	0.42	
Carbazole	1	0		9.43	50.37	50			1.221	1.230	0.74	
Di-n-butylphthalate	1	0		9.82	50.68	50			1.620	1.642	1.36	
Fluoranthene	1	0	CC	10.51	49.81	50	20		1.330	1.324	0.38	
Chrysene-d12	1	0	I	12.20	40.00	40				0.000	0.00	
Pylene	1	0		10.78	48.70	50			1.624	1.582	2.60	
Benzidine	1	0		10.68	43.22	50			0.517	0.616	13.56	
Terphenyl-d14	1	0	S	10.97	24.81	25			1.121	1.112	0.76	
p,p'-DDE	1	0		10.91	52.87				0.366			
Endrin	1	0		11.21	54.30	50			0.117	0.127	8.60	
p,p'-DDD	1	0		11.31	51.17				0.597			
Butylbenzylphthalate	1	0		11.57	49.92	50			0.860	0.859	0.16	
Endrin aldehyde	1	0		11.21	58.17				0.041			
p,p'-DDT	1	0		11.65	54.24				0.547			
Endrin ketone	1	0		12.12	74.96				0.055			
3,3'-Dichlorobenzidine	1	0		12.18	59.82	50			0.382	0.483	19.64	
Benzo[a]anthracene	1	0		12.19	48.00	50			1.504	1.444	4.00	
Chrysene	1	0		12.24	47.04	50			1.415	1.331	5.92	
bis(2-Ethylhexyl)phthalate	1	0		12.27	49.74	50			1.230	1.224	0.52	
Perylene-d12	1	0	I	13.81	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.02	48.79	50	20		2.001	1.953	2.42	
Benzo[b]fluoranthene	1	0		13.41	49.62	50			1.349	1.339	0.76	
Benzo[k]fluoranthene	1	0		13.44	51.20	50			1.270	1.301	2.40	
Benzo[a]pyrene	1	0	CC	13.75	50.13	50	20		1.255	1.258	0.26	
Indeno[1,2,3-cd]pyrene	1	0		14.94	52.21	50			1.312	1.370	4.42	
Dibenzo[a,h]anthracene	1	0		14.95	53.29	50			1.052	1.121	6.58	
Benzo[a,h]perylene	1	0		15.25	52.02	50			1.118	1.163	4.04	
2,2'-oxybis-(1-Chloropropane)	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	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				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	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.728	0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.376	0.000	100.00	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M23325.D Sam Mult : 1 Vial# : 2 Qt On : 02/17/10 10:00
 Acq On : 02/17/10 09:43 Misc : A,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-17-10\
 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	5.380	152	11940	40.00	ng	-0.09
29) Naphthalene-d8	6.402	136	45660	40.00	ng	-0.09
47) Acenaphthene-d10	7.766	164	24917	40.00	ng	-0.10
73) Phenanthrene-d10	9.183	188	41130	40.00	ng	-0.11
87) Chrysene-d12	12.205	240	36586	40.00	ng	-0.12
102) Perylene-d12	13.810	264	39812	40.00	ng	-0.12
System Monitoring Compounds						
10) 2-Fluorophenol	4.145	112	19161	51.72	ng	-0.10
Spiked Amount 100.000			Recovery =	51.72%		
15) Phenol-d5	5.091	99	29609	53.77	ng	-0.08
Spiked Amount 100.000			Recovery =	53.77%		
30) Nitrobenzene-d5	5.845	128	5123	25.58	ng	-0.09
Spiked Amount 50.000			Recovery =	51.16%		
52) 2-Fluorobiphenyl	7.209	172	21627	24.87	ng	-0.09
Spiked Amount 50.000			Recovery =	49.74%		
76) 2,4,6-Tribromophenol	8.482	330	4968	64.81	ng	-0.11
Spiked Amount 100.000			Recovery =	64.81%		
90) Terphenyl-d14	10.969	244	25430	24.81	ng	-0.12
Spiked Amount 50.000			Recovery =	49.62%		
Target Compounds						
8) Pyridine	2.347	79	20864	57.59	ng	82
9) N-Nitrosodimethylamine	2.294	74	13284	53.66	ng	91
11) Benzaldehyde	4.995	77	18066	46.26	ng	98
12) Aniline	5.097	93	34864	58.58	ng	13
13) Pentachloroethane	5.129	117	10723	48.16	ng	85
14) bis(2-Chloroethyl)ether	5.166	93	20054	47.70	ng	89
16) Phenol	5.102	94	32670	55.68	ng	51
17) 2-Chlorophenol	5.204	128	21344	50.65	ng	87
18) N-Decane	5.252	57	32951	53.68	ng	85
19) 1,3-Dichlorobenzene	5.332	146	22378	49.88	ng	96
20) 1,4-Dichlorobenzene	5.396	146	22913	47.81	ng	94
21) 1,2-Dichlorobenzene	5.519	146	21163	49.63	ng	97
22) Benzyl alcohol	5.508	108	14636	54.41	ng	97
23) bis(2-chloroisopropyl)...	5.621	45	33553	51.32	ng	55
24) 2-Methylphenol	5.615	108	21142	52.61	ng	92
25) Acetophenone	5.722	105	31421	47.92	ng	74
26) Hexachloroethane	5.797	117	9608	49.16	ng	85
27) N-Nitroso-di-n-propyla...	5.728	70	19823	52.92	ng	94
28) 3&4-Methylphenol	5.744	108	21386	52.53	ng	98
31) Nitrobenzene	5.856	77	28723	55.18	ng	95
32) Isophorone	6.049	82	48090	52.54	ng	96
33) 2-Nitrophenol	6.113	139	11755	53.57	ng	90
34) 2,4-Dimethylphenol	6.150	107	25044	55.64	ng	98
35) Benzoic Acid	6.241	105	12471m	60.95	ng	
36) bis(2-Chloroethoxy)met...	6.220	93	25608	50.44	ng	99
37) 2,4-Dichlorophenol	6.300	162	16994	51.83	ng	94
38) 1,2,4-Trichlorobenzene	6.359	180	17984	46.74	ng	96
39) Naphthalene	6.418	128	62729	50.17	ng	100
40) 4-Chloroaniline	6.460	127	24350	51.90	ng	99
41) Hexachlorobutadiene	6.503	225	10961	50.52	ng	94
42) Caprolactam	6.733	113	7560	49.45	ng	79
43) 4-Chloro-3-methylphenol	6.830	107	20055	51.81	ng	92
44) 2-Methylnaphthalene	6.931	142	41575	50.06	ng	94
45) Methylnaphthalenes (To...	6.931	142	41575	50.06	ng	94
46) 1,1'-Biphenyl	7.290	154	64973	49.87	ng	97
48) 1,2,4,5-Tetrachloroben...	7.060	216	19105	50.02	ng	98
49) Hexachlorocyclopentadiene	7.049	237	2339	39.28	ng	77
50) 2,4,6-Trichlorophenol	7.150	196	11777	55.26	ng	98
51) 2,4,5-Trichlorophenol	7.188	196	12284	53.35	ng	97
53) 2-Chloronaphthalene	7.311	162	37341	50.70	ng	97
54) 1,4-Dimethylnaphthalene	7.578	156	43727	51.01	ng	96
55) Dimethylnaphthalenes (...)	7.578	156	43727	51.01	ng	96
56) Diphenyl Ether	7.370	170	26888	47.19	ng	95
57) 2-Nitroaniline	7.391	65	16678	51.83	ng	94
58) Acenaphthylene	7.648	152	62977	50.63	ng	97
59) Dimethylphthalate	7.536	163	44920	50.85	ng	99
60) 2,6-Dinitrotoluene	7.589	165	10301	52.48	ng	78
61) Acenaphthene	7.792	153	40079	50.24	ng	93
62) 3-Nitroaniline	7.733	138	10472	58.52	ng	50
63) 2,4-Dinitrophenol	7.835	184	4611	50.63	ng	73
64) Dibenzofuran	7.947	168	54510	51.11	ng	92
65) 2,4-Dinitrotoluene	7.937	165	13993	51.51	ng	93

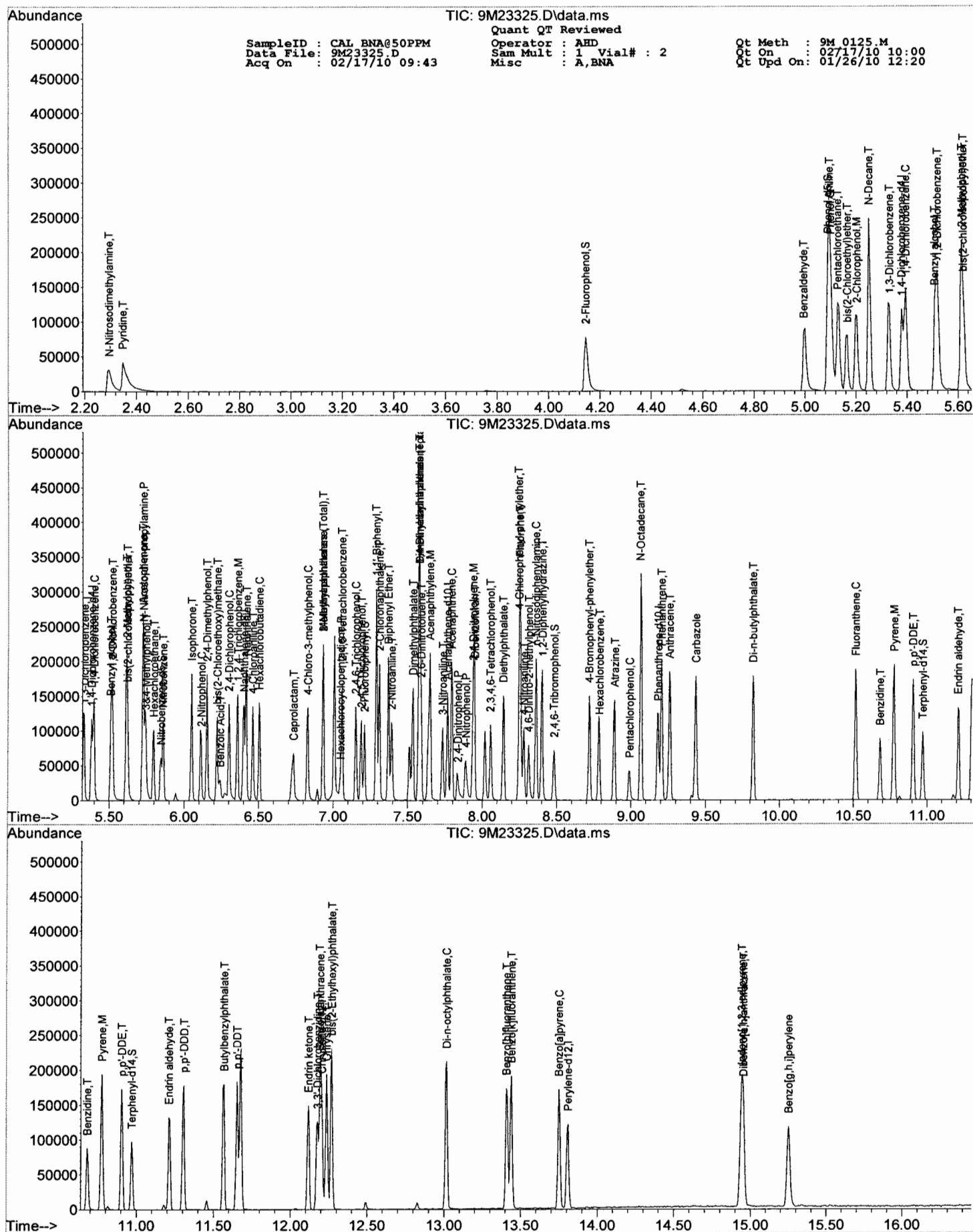
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M 0125.M
 Data File: 9M23325.D Sam Mult : 1 Vial# : 2 Qt On : 02/17/10 10:00
 Acq On : 02/17/10 09:43 Misc : A,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-17-10\
 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	7.889	65	9785	60.29	ng	90
67) 2,3,4,6-Tetrachlorophenol	8.054	232	10049	54.39	ng	86
68) Fluorene	8.252	166	45113	50.99	ng	97
69) 4-Chlorophenyl-phenyle...	8.247	204	20002	50.29	ng	97
70) Diethylphthalate	8.140	149	47700	51.47	ng	97
71) 4-Nitroaniline	8.279	138	11796	53.61	ng	91
72) Atrazine	8.889	200	12832	45.91	ng	96
74) 4,6-Dinitro-2-methylph...	8.311	198	8010	52.19	ng	53
75) n-Nitrosodiphenylamine	8.359	169	39753	52.89	ng	94
77) 1,2-Diphenylhydrazine	8.402	77	61051	54.84	ng	95
78) 4-Bromophenyl-phenylether	8.718	248	12156	52.99	ng	93
79) Hexachlorobenzene	8.787	284	12372	58.91	ng	67
80) N-Octadecane	9.065	57	48689	57.36	ng	82
81) Pentachlorophenol	8.990	266	5018	54.01	ng	85
82) Phenanthrene	9.204	178	64470	50.36	ng	99
83) Anthracene	9.258	178	65178	50.21	ng	99
84) Carbazole	9.434	167	63217	50.37	ng	96
85) Di-n-butylphthalate	9.819	149	84432	50.68	ng	99
86) Fluoranthene	10.515	202	68091	49.81	ng	95
88) Pyrene	10.777	202	72353	48.70	ng	95
89) Benzidine	10.681	184	28174	43.22	ng	97
91) p,p'-DDE	10.905	246	17695	52.87	ng	91
92) Endrin	11.210	81	5806	54.30	ng	74
93) p,p'-DDD	11.306	235	27949	51.17	ng	86
94) Butylbenzylphthalate	11.568	149	39285	49.92	ng	82
95) Endrin aldehyde	11.210	67	2053	58.17	ng	65
96) p,p'-DDT	11.654	235	27144	54.24	ng	92
97) Endrin ketone	12.119	317	3488	74.96	ng	93
98) 3,3'-Dichlorobenzidine	12.178	252	22101	59.82	ng	95
99) Benzo[a]anthracene	12.194	228	66034	48.00	ng	99
100) Chrysene	12.237	228	60864	47.04	ng	98
101) bis(2-Ethylhexyl)phtha...	12.269	149	55962	49.74	ng	93
103) Di-n-octylphthalate	13.018	149	97172	48.79	ng	100
104) Benzo[b]fluoranthene	13.408	252	66616	49.62	ng	97
105) Benzo[k]fluoranthene	13.440	252	64722	51.20	ng	92
106) Benzo[a]pyrene	13.751	252	62609	50.13	ng	95
107) Indeno[1,2,3-cd]pyrene	14.943	276	68174	52.21	ng	93
108) Dibenzo[a,h]anthracene	14.954	278	55784	53.29	ng	91
109) Benzo[g,h,i]perylene	15.254	276	57863	52.02	ng	88

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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM Data File: 9M23357.D
 Cont Calibration Date/Time 2/18/2010 9:41:00 A Method: EPA 8270C

Instrument: GCMS 9

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	5.37	40.00	40				0.000	0.00	
Pvridine	1	0		2.34	60.97	50			1.369	1.480	21.94	
N-Nitrosodimethylamine	1	0		2.29	53.31	50			0.798	0.884	6.62	
2-Fluorophenol	1	0	S	4.14	51.01	50			1.241	1.266	2.02	
Benzaldehyde	1	0		4.99	46.41	50			1.100	1.213	7.18	
Aniline	1	0		5.09	58.26	50			1.994	2.323	16.52	
Pentachloroethane	1	0		5.12	49.40	50			0.746	0.737	1.20	
bis(2-Chloroethyl)ether	1	0		5.16	52.02	50			1.409	1.465	4.04	
Phenol-d5	1	0	S	5.09	55.87	50			1.845	2.061	11.74	
Phenol	1	0	CC	5.10	57.82	50	20		1.966	2.273	15.64	
2-Chlorophenol	1	0		5.19	52.88	50			1.412	1.493	5.76	
N-Decane	1	0		5.25	57.61	50			2.056	2.369	15.22	
1,3-Dichlorobenzene	1	0		5.32	50.60	50			1.503	1.521	1.20	
1,4-Dichlorobenzene	1	0	CC	5.39	50.46	50	20		1.606	1.620	0.92	
1,2-Dichlorobenzene	1	0		5.51	52.51	50			1.428	1.500	5.02	
Benzyl alcohol	1	0		5.50	55.35	50			0.901	0.997	10.70	
bis(2-chloroisopropyl)ether	1	0		5.61	53.51	50			2.190	2.344	7.02	
2-Methylphenol	1	0		5.61	54.53	50			1.346	1.468	9.06	
Acetophenone	1	0		5.72	48.03	50			2.197	2.110	3.94	
Hexachloroethane	1	0		5.79	51.13	50			0.655	0.670	2.26	
N-Nitroso-di-n-propylamine	1	0	CP	5.72	55.70	50	0.05		1.255	1.398	11.40	
3&4-Methylphenol	1	0		5.74	55.81	50			1.364	1.523	11.62	
Naphthalene-d8	1	0	I	6.39	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.83	26.24	25			0.175	0.184	4.96	
Nitrobenzene	1	0		5.85	53.27	50			0.456	0.486	6.54	
Isophorone	1	0		6.04	54.20	50			0.802	0.869	8.40	
2-Nitrophenol	1	0	CC	6.10	54.15	50	20		0.192	0.208	8.30	
2,4-Dimethylphenol	1	0		6.14	53.75	50			0.394	0.424	7.50	
Benzoic Acid	1	0		6.24	59.35	50			0.190	0.211	18.70	
bis(2-Chloroethoxy)methane	1	0		6.21	51.04	50			0.445	0.454	2.08	
2,4-Dichlorophenol	1	0	CC	6.29	50.07	50	20		0.287	0.288	0.14	
1,2,4-Trichlorobenzene	1	0		6.35	48.97	50			0.337	0.330	2.06	
Naphthalene	1	0		6.41	51.16	50			1.095	1.121	2.32	
4-Chloroaniline	1	0		6.45	52.85	50			0.337	0.433	5.70	
Hexachlorobutadiene	1	0	CC	6.50	50.18	50	20		0.190	0.191	0.36	
Caprolactam	1	0		6.73	52.79	50			0.134	0.141	5.58	
4-Chloro-3-methylphenol	1	0	CC	6.82	55.48	50	20		0.339	0.376	10.96	
2-Methylnaphthalene	1	0		6.93	50.21	50			0.728	0.731	0.42	
Methylnaphthalenes	1	0		6.93	50.21	50	20			0.731	0.42	
1,1'-Biphenyl	1	0		7.28	50.60	50			1.141	1.155	1.20	
Acenaphthene-d10	1	0	I	7.76	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.05	46.32	50			0.613	0.568	7.36	
Hexachlorocyclopentadiene	1	0	CP	7.04	35.44	50	0.05		0.125	0.066	29.12	
2,4,6-Trichlorophenol	1	0	CC	7.14	52.22	50	20		0.342	0.357	4.44	
2,4,5-Trichlorophenol	1	0		7.18	54.38	50			0.370	0.402	8.76	
2-Fluorobiphenyl	1	0	S	7.20	25.67	25			1.396	1.433	2.68	
2-Chloronaphthalene	1	0		7.31	50.15	50			1.182	1.186	0.30	
1,4-Dimethylnaphthalene	1	0		7.57	48.82	50			1.376	1.344	2.36	
Dimethylnaphthalenes	1	0		7.57	48.82	50	20			1.344	2.36	
Diphenyl Ether	1	0		7.36	45.59	50			0.915	0.834	8.82	
2-Nitroaniline	1	0		7.39	49.83	50			0.511	0.516	0.34	
Acenaphthylene	1	0		7.64	49.44	50			1.997	1.974	1.12	
Dimethylphthalate	1	0		7.53	50.89	50			1.418	1.443	1.78	
2,6-Dinitrotoluene	1	0		7.58	51.63	50			0.315	0.325	3.26	
Acenaphthene	1	0	CC	7.79	49.02	50	20		1.281	1.256	1.96	
3-Nitroaniline	1	0		7.73	61.10	50			0.287	0.351	22.20	
2,4-Dinitrophenol	1	0	CP	7.82	51.64	50	0.05		0.139	0.151	3.28	
Dibenzofuran	1	0		7.94	49.72	50			1.712	1.702	0.56	
2,4-Dinitrotoluene	1	0		7.93	53.91	50			0.436	0.470	7.82	
4-Nitrophenol	1	0	CP	7.88	57.46	50	0.05		0.252	0.299	14.92	
2,3,4,6-Tetrachlorophenol	1	0		8.05	52.18	50			0.297	0.310	4.36	
Fluorene	1	0		8.25	51.29	50			1.420	1.457	2.58	
4-Chlorophenyl-phenvlether	1	0		8.24	50.82	50			0.638	0.649	1.64	
Diethylphthalate	1	0		8.13	52.30	50			1.488	1.556	4.60	
4-Nitroaniline	1	0		8.27	52.38	50			0.353	0.370	4.76	
Atrazine	1	0		8.88	45.79	50			0.449	0.411	8.42	
Phenanthrene-d10	1	0	I	9.17	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.31	46.77	50			0.139	0.140	6.46	
n-Nitrosodiphenylamine	1	0	CC	8.35	49.71	50	20		0.731	0.727	0.58	
2,4,6-Tribromophenol	1	0	S	8.48	68.72	50			0.075	0.102	37.44	

CC - Continuing Calibration Check Compound
 N/O or N/O - Not applicable for this run

CP - System Performance Check Compound 1 - Internal Standard
 * - Failed the C or P Criteria

Page 1 of 2

** - 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

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 2/18/2010 9:41:00 AData File: 9M23357.D
Method: EPA 8270C

Instrument: GCMS 9

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.39	52.69	50			1.083	1.141	5.38	
4-Bromophenyl-phenylether	1	0		8.71	52.93	50			0.223	0.236	5.86	
Hexachlorobenzene	1	0		8.78	57.68	50			0.219	0.236	15.36	
N-Octadecane	1	0		9.06	55.94	50			0.826	0.924	11.88	
Pentachlorophenol	1	0	CC	8.98	51.94	50	20		0.091	0.094	3.88	
Phenanthrene	1	0		9.20	49.23	50			1.245	1.226	1.54	
Anthracene	1	0		9.25	50.46	50			1.262	1.274	0.92	
Carbazole	1	0		9.43	50.26	50			1.221	1.227	0.52	
Di-n-butylphthalate	1	0		9.81	50.17	50			1.620	1.626	0.34	
Fluoranthene	1	0	CC	10.51	50.92	50	20		1.330	1.354	1.84	
Chrysene-d12	1	0	I	12.20	40.00	40				0.000	0.00	
Pvrene	1	0		10.77	47.32	50			1.624	1.537	5.36	
Benzidine	1	0		10.67	47.32	50			0.517	0.658	5.36	
Terphenyl-d14	1	0	S	10.96	23.91	25			1.121	1.072	4.36	
p,p'-DDE	1	0		10.90	50.92				0.366			
Endrin	1	0		11.20	51.89	50			0.117	0.121	3.78	
p,p'-DDD	1	0		11.30	50.73				0.597			
Butylbenzylphthalate	1	0		11.56	49.23	50			0.860	0.847	1.54	
Endrin aldehyde	1	0		11.20	54.23				0.041			
p,p'-DDT	1	0		11.65	51.91				0.547			
Endrin ketone	1	0		12.11	67.88				0.055			
3,3'-Dichlorobenzidine	1	0		12.17	62.30	50			0.382	0.501	24.60	
Benzo[a]anthracene	1	0		12.19	47.94	50			1.504	1.442	4.12	
Chrysene	1	0		12.23	48.26	50			1.415	1.365	3.48	
bis(2-Ethylhexyl)phthalate	1	0		12.26	50.04	50			1.230	1.231	0.08	
Perylene-d12	1	0	I	13.80	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.01	48.77	50	20		2.001	1.952	2.46	
Benzo[b]fluoranthene	1	0		13.40	49.14	50			1.349	1.326	1.72	
Benzo[k]fluoranthene	1	0		13.43	49.03	50			1.270	1.246	1.94	
Benzo[a]pyrene	1	0	CC	13.75	49.87	50	20		1.255	1.252	0.26	
Indeno[1,2,3-cd]pyrene	1	0		14.93	50.99	50			1.312	1.338	1.98	
Dibenzo[a,h]anthracene	1	0		14.94	51.54	50			1.052	1.084	3.08	
Benzo[a,h]perylene	1	0		15.24	49.53	50			1.118	1.107	0.94	
4-Methylphenol	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	
2,4 Diaminotoluene	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			1.376	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				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	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.728	0.000	100.00	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound 1 - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

Note:

3260/8270 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

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M23357.D Sam Mult : 1 Vial# : 2 Qt On : 02/18/10 09:59
 Acq On : 02/18/10 09:41 Misc : A,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-18-10\
 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	5.374	152	12697	40.00	ng	-0.10
29) Naphthalene-d8	6.391	136	50293	40.00	ng	-0.10
47) Acenaphthene-d10	7.760	164	28744	40.00	ng	-0.11
73) Phenanthrene-d10	9.172	188	47751	40.00	ng	-0.12
87) Chrysene-d12	12.199	240	44827	40.00	ng	-0.13
102) Perylene-d12	13.799	264	51011	40.00	ng	-0.13
System Monitoring Compounds						
10) 2-Fluorophenol	4.139	112	20096	51.01	ng	-0.11
Spiked Amount 100.000			Recovery =	51.01%		
15) Phenol-d5	5.086	99	32714	55.87	ng	-0.09
Spiked Amount 100.000			Recovery =	55.87%		
30) Nitrobenzene-d5	5.834	128	5787	26.24	ng	-0.10
Spiked Amount 50.000			Recovery =	52.48%		
52) 2-Fluorobiphenyl	7.204	172	25751	25.67	ng	-0.10
Spiked Amount 50.000			Recovery =	51.34%		
76) 2,4,6-Tribromophenol	8.477	330	6116	68.72	ng	-0.11
Spiked Amount 100.000			Recovery =	68.72%		
90) Terphenyl-d14	10.964	244	30029	23.91	ng	-0.12
Spiked Amount 50.000			Recovery =	47.82%		
Target Compounds						
8) Pyridine	2.342	79	23489	60.97	ng	88
9) N-Nitrosodimethylamine	2.288	74	14033	53.31	ng	97
11) Benzaldehyde	4.989	77	19259	46.41	ng	95
12) Aniline	5.091	93	36871	58.26	ng	12
13) Pentachloroethane	5.123	117	11696	49.40	ng	81
14) bis(2-Chloroethyl)ether	5.155	93	23258	52.02	ng	90
16) Phenol	5.096	94	36077	57.82	ng	60
17) 2-Chlorophenol	5.193	128	23694	52.88	ng	92
18) N-Decane	5.246	57	37606	57.61	ng	90
19) 1,3-Dichlorobenzene	5.321	146	24139	50.60	ng	99
20) 1,4-Dichlorobenzene	5.391	146	25715	50.46	ng	98
21) 1,2-Dichlorobenzene	5.514	146	23811	52.51	ng	97
22) Benzyl alcohol	5.503	108	15831	55.35	ng	100
23) bis(2-chloroisopropyl)...	5.610	45	37201	53.51	ng	54
24) 2-Methylphenol	5.610	108	23301	54.53	ng	93
25) Acetophenone	5.717	105	33489	48.03	ng	75
26) Hexachloroethane	5.786	117	10627	51.13	ng	95
27) N-Nitroso-di-n-propyla...	5.722	70	22185	55.70	ng	95
28) 3&4-Methylphenol	5.738	108	24164	55.81	ng	96
31) Nitrobenzene	5.851	77	30544	53.27	ng	91
32) Isophorone	6.043	82	54643	54.20	ng	95
33) 2-Nitrophenol	6.102	139	13087	54.15	ng	80
34) 2,4-Dimethylphenol	6.145	107	26649	53.75	ng	95
35) Benzoic Acid	6.236	105	13280m	59.35	ng	
36) bis(2-Chloroethoxy)met...	6.214	93	28545	51.04	ng	98
37) 2,4-Dichlorophenol	6.294	162	18082	50.07	ng	90
38) 1,2,4-Trichlorobenzene	6.348	180	20754	48.97	ng	99
39) Naphthalene	6.407	128	70468	51.16	ng	97
40) 4-Chloroaniline	6.455	127	27240	52.85	ng	96
41) Hexachlorobutadiene	6.498	225	11991	50.18	ng	98
42) Caprolactam	6.728	113	8888	52.79	ng	81
43) 4-Chloro-3-methylphenol	6.824	107	23654	55.48	ng	86
44) 2-Methylnaphthalene	6.926	142	45930	50.21	ng	95
45) Methylnaphthalenes (To...	6.926	142	45930	50.21	ng	95
46) 1,1'-Biphenyl	7.284	154	72611	50.60	ng	97
48) 1,2,4,5-Tetrachloroben...	7.054	216	20408	46.32	ng	97
49) Hexachlorocyclopentadiene	7.043	237	2366	35.44	ng	91
50) 2,4,6-Trichlorophenol	7.145	196	12838	52.22	ng	97
51) 2,4,5-Trichlorophenol	7.182	196	14444	54.38	ng	96
53) 2-Chloronaphthalene	7.305	162	42606	50.15	ng	99
54) 1,4-Dimethylnaphthalene	7.573	156	48276	48.82	ng	98
55) Dimethylnaphthalenes (...)	7.573	156	48276	48.82	ng	98
56) Diphenyl Ether	7.364	170	29966	45.59	ng	94
57) 2-Nitroaniline	7.386	65	18547	49.83	ng	94
58) Acenaphthylene	7.642	152	70941	49.44	ng	97
59) Dimethylphthalate	7.530	163	51859	50.89	ng	99
60) 2,6-Dinitrotoluene	7.583	165	11691	51.63	ng	78
61) Acenaphthene	7.787	153	45116	49.02	ng	96
62) 3-Nitroaniline	7.728	138	12614	61.10	ng	58
63) 2,4-Dinitrophenol	7.824	184	5431	51.64	ng	74
64) Dibenzofuran	7.936	168	61163	49.72	ng	97
65) 2,4-Dinitrotoluene	7.931	165	16893	53.91	ng	92

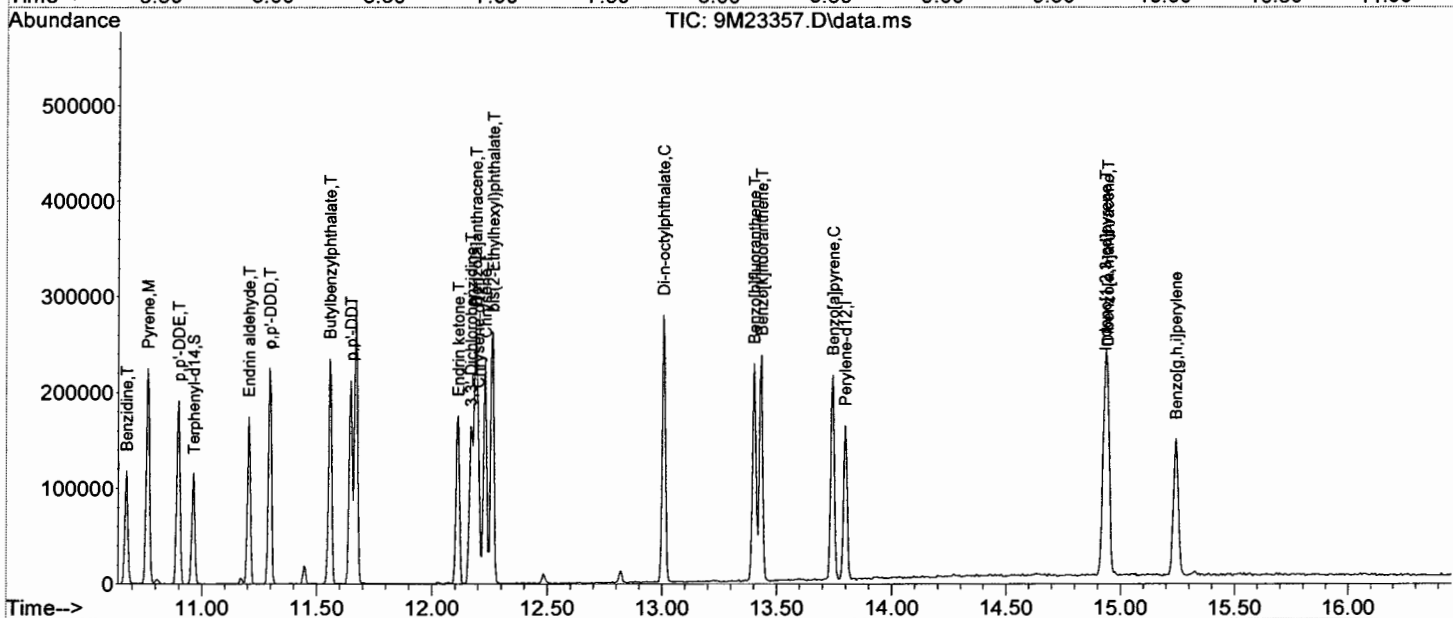
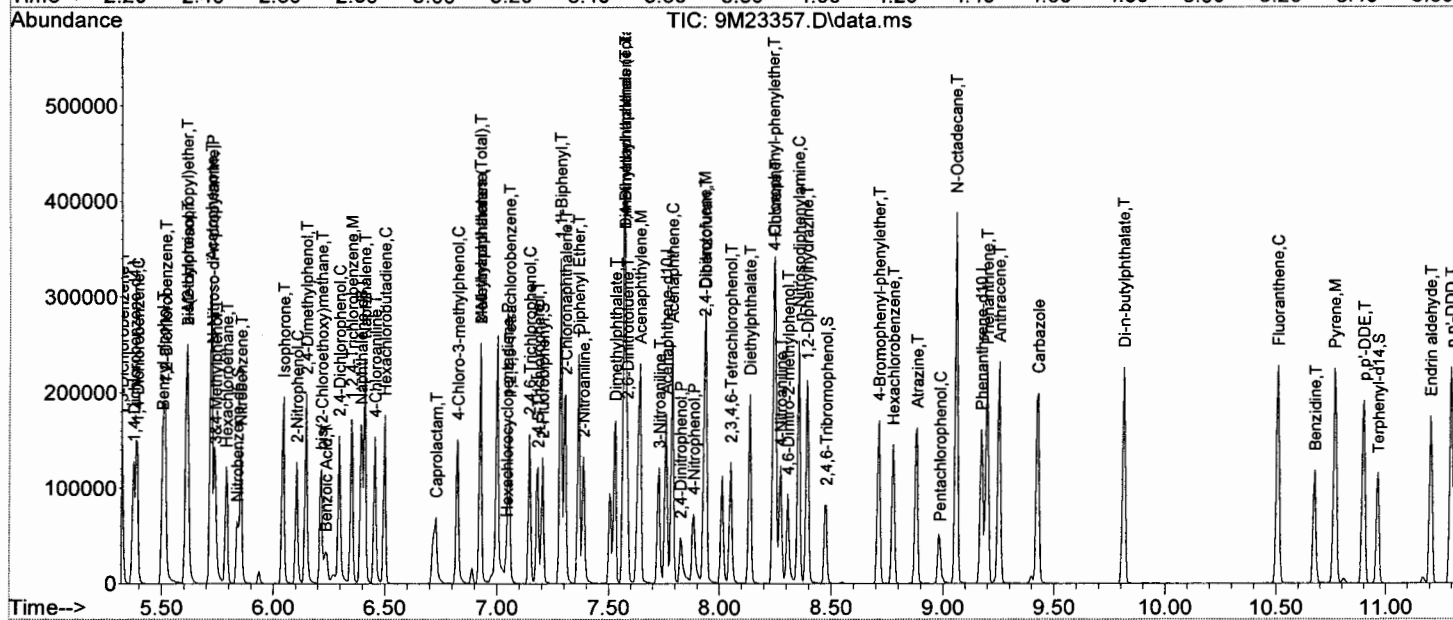
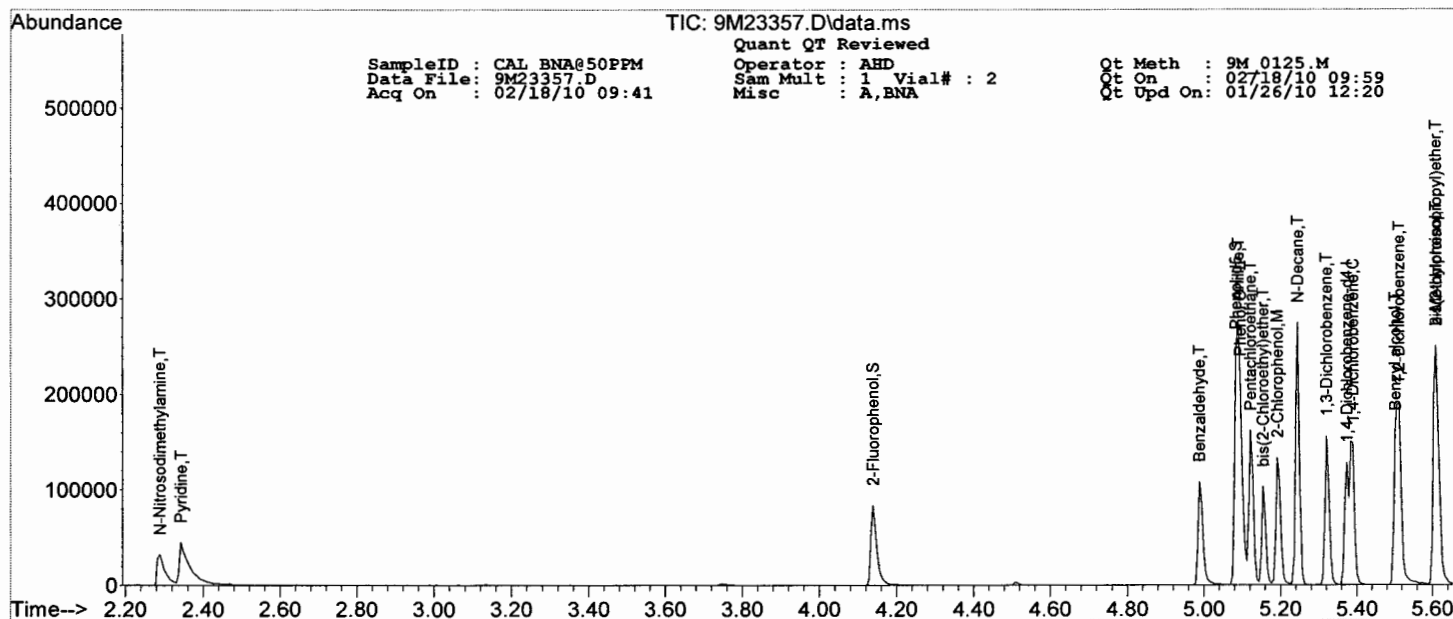
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M 0125.M
 Data File: 9M23357.D Sam Mult : 1 Vial# : 2 Qt On : 02/18/10 09:59
 Acq On : 02/18/10 09:41 Misc : A,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-18-10\
 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	7.883	65	10732	57.46	ng	82
67) 2,3,4,6-Tetrachlorophenol	8.049	232	11121	52.18	ng	91
68) Fluorene	8.247	166	52355	51.29	ng	97
69) 4-Chlorophenyl-phenyle...	8.241	204	23317	50.82	ng	99
70) Diethylphthalate	8.134	149	55914	52.30	ng	99
71) 4-Nitroaniline	8.273	138	13295	52.38	ng	87
72) Atrazine	8.883	200	14765	45.79	ng	96
74) 4,6-Dinitro-2-methylph...	8.306	198	8332	46.77	ng	33
75) n-Nitrosodiphenylamine	8.354	169	43382	49.71	ng	92
77) 1,2-Diphenylhydrazine	8.391	77	68102	52.69	ng	98
78) 4-Bromophenyl-phenylether	8.712	248	14097	52.93	ng	94
79) Hexachlorobenzene	8.776	284	14066	57.68	ng	77
80) N-Octadecane	9.060	57	55128	55.94	ng	84
81) Pentachlorophenol	8.985	266	5583	51.94	ng	94
82) Phenanthrene	9.199	178	73170	49.23	ng	97
83) Anthracene	9.252	178	76048	50.46	ng	99
84) Carbazole	9.429	167	73236	50.26	ng	95
85) Di-n-butylphthalate	9.814	149	97030	50.17	ng	99
86) Fluoranthene	10.509	202	80812	50.92	ng	97
88) Pyrene	10.766	202	86144	47.32	ng	96
89) Benzidine	10.675	184	36851	47.32	ng	89
91) p,p'-DDE	10.900	246	20881	50.92	ng	91
92) Endrin	11.204	81	6798	51.89	ng	72
93) p,p'-DDD	11.295	235	33953	50.73	ng	86
94) Butylbenzylphthalate	11.557	149	47472	49.23	ng	92
95) Endrin aldehyde	11.204	67	2345	54.23	ng	67
96) p,p'-DDT	11.648	235	31826	51.91	ng	90
97) Endrin ketone	12.114	317	3870	67.88	ng	93
98) 3,3'-Dichlorobenzidine	12.167	252	28078	62.30	ng	94
99) Benzo[a]anthracene	12.189	228	80803	47.94	ng	98
100) Chrysene	12.231	228	76506	48.26	ng	96
101) bis(2-Ethylhexyl)phtha...	12.264	149	68988	50.04	ng	94
103) Di-n-octylphthalate	13.007	149	124453	48.77	ng	100
104) Benzo[b]fluoranthene	13.403	252	84528	49.14	ng	98
105) Benzo[k]fluoranthene	13.435	252	79425	49.03	ng	93
106) Benzo[a]pyrene	13.745	252	79806	49.87	ng	97
107) Indeno[1,2,3-cd]pyrene	14.932	276	85307	50.99	ng	88
108) Dibenzo[a,h]anthracene	14.943	278	69129	51.54	ng	90
109) Benzo[g,h,i]perylene	15.243	276	70587	49.53	ng	90

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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/2/2010 8:54:00 AData File: 5M55834.D
Method: EPA 8270C

Instrument: GCMS 5

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	5.80	40.00	40				0.000	0.00	
Pvridine	1	0		3.01	45.76	50			1.795	1.643	8.48	
N-Nitrosodimethylamine	1	0		2.94	46.89	50			1.078	1.011	6.22	
2-Fluorophenol	1	0	S	4.58	49.49	50			1.433	1.419	1.02	
Benzaldehyde	1	0		5.42	48.80	50			1.076	1.161	2.40	
Aniline	1	0		5.51	54.07	50			2.171	2.347	8.14	
Pentachloroethane	1	0		5.56	47.89	50			0.450	0.431	4.22	
bis(2-Chloroethyl)ether	1	0		5.57	49.18	50			1.460	1.436	1.64	
Phenol-d5	1	0	S	5.48	49.54	50			1.985	1.967	0.92	
Phenol	1	0	CC	5.49	50.34	50	20		2.117	2.132	0.68	
2-Chlorophenol	1	0		5.62	50.66	50			1.409	1.428	1.32	
N-Decane	1	0		5.67	48.20	50			1.474	1.421	3.60	
1,3-Dichlorobenzene	1	0		5.75	48.79	50			1.509	1.472	2.42	
1,4-Dichlorobenzene	1	0	CC	5.81	49.57	50	20		1.526	1.513	0.86	
1,2-Dichlorobenzene	1	0		5.94	49.95	50			1.419	1.418	0.10	
Benzyl alcohol	1	0		5.91	50.43	50			0.981	0.989	0.86	
bis(2-chloroisopropyl)ether	1	0		6.03	47.82	50			1.723	1.648	4.36	
2-Methylphenol	1	0		6.01	50.76	50			1.346	1.366	1.52	
Acetophenone	1	0		6.13	51.86	50			1.840	1.908	3.72	
Hexachloroethane	1	0		6.22	48.51	50			0.572	0.554	2.98	
N-Nitroso-di-n-propylamine	1	0	CP	6.13	51.57	50	0.05		1.008	1.040	3.14	
3,4-Methylphenol	1	0		6.13	51.49	50			1.317	1.356	2.98	
Naphthalene-d8	1	0	I	6.81	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	6.25	25.20	25			0.171	0.172	0.80	
Nitrobenzene	1	0		6.27	51.09	50			0.388	0.396	2.18	
Isophorone	1	0		6.45	49.68	50			0.766	0.761	0.64	
2-Nitrophenol	1	0	CC	6.52	51.81	50	20		0.174	0.180	3.62	
2,4-Dimethylphenol	1	0		6.55	51.20	50			0.374	0.383	2.40	
Benzoic Acid	1	0		6.61	26.21	50			0.158	0.043	47.58	
bis(2-Chloroethoxy)methane	1	0		6.62	49.28	50			0.438	0.432	1.44	
2,4-Dichlorophenol	1	0	CC	6.70	51.37	50	20		0.278	0.286	2.74	
1,2,4-Trichlorobenzene	1	0		6.77	50.43	50			0.334	0.337	0.86	
Naphthalene	1	0		6.83	49.27	50			1.028	1.013	1.46	
4-Chloroaniline	1	0		6.87	51.03	50			0.345	0.413	2.06	
Hexachlorobutadiene	1	0	CC	6.92	49.93	50	20		0.180	0.180	0.14	
Caprolactam	1	0		7.14	51.94	50			0.133	0.138	3.88	
4-Chloro-3-methylphenol	1	0	CC	7.23	51.79	50	20		0.328	0.339	3.58	
2-Methylnaphthalene	1	0		7.37	50.74	50			0.697	0.707	1.48	
Methylnaphthalenes	1	0		7.37	50.74	50	20			0.707	1.48	
1,1'-Biophenyl	1	0		7.74	49.65	50			0.864	0.858	0.70	
Acenaphthene-d10	1	0	I	8.25	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		7.50	51.71	50			0.560	0.579	3.42	
Hexachlorocyclopentadiene	1	0	CP	7.49	49.23	50	0.05		0.262	0.261	1.54	
2,4,6-Trichlorophenol	1	0	CC	7.59	53.77	50	20		0.358	0.385	7.54	
2,4,5-Trichlorophenol	1	0		7.62	52.82	50			0.392	0.414	5.64	
2-Fluorobiphenyl	1	0	S	7.66	25.14	25			1.318	1.326	0.56	
2-Chloronaphthalene	1	0		7.76	51.17	50			1.117	1.143	2.34	
1,4-Dimethylnaphthalene	1	0		8.05	50.01	50			0.857	0.857	0.02	
Dimethylnaphthalenes	1	0		8.05	50.01	50	20			0.857	0.02	
Diphenyl Ether	1	0		7.83	50.71	50			0.815	0.827	1.42	
2-Nitroaniline	1	0		7.84	53.13	50			0.416	0.442	6.26	
Acenaphthylene	1	0		8.13	50.91	50			1.845	1.879	1.82	
Dimethylphthalate	1	0		7.99	51.36	50			1.326	1.362	2.72	
2,6-Dinitrotoluene	1	0		8.05	54.67	50			0.271	0.296	9.34	
Acenaphthene	1	0	CC	8.28	50.53	50	20		1.139	1.152	1.06	
3-Nitroaniline	1	0		8.20	57.41	50			0.306	0.352	14.82	
2,4-Dinitrophenol	1	0	CP	8.29	56.16	50	0.05		0.129	0.142	12.32	
Dibenzofuran	1	0		8.43	51.10	50			1.637	1.673	2.20	
2,4-Dinitrotoluene	1	0		8.40	54.57	50			0.379	0.414	9.14	
4-Nitrophenol	1	0	CP	8.32	54.62	50	0.05		0.230	0.252	9.24	
2,3,4,6-Tetrachlorophenol	1	0		8.54	53.81	50			0.305	0.328	7.62	
Fluorene	1	0		8.76	51.50	50			1.308	1.347	3.00	
4-Chlorophenyl-phenylether	1	0		8.75	51.25	50			0.663	0.679	2.50	
Diethylphthalate	1	0		8.62	52.38	50			1.342	1.406	4.76	
4-Nitroaniline	1	0		8.76	52.42	50			0.353	0.370	4.84	
Atrazine	1	0		9.39	54.30	50			0.407	0.442	8.60	
Phenanthrene-d10	1	0	I	9.71	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.79	53.80	50			0.106	0.119	7.60	
n-Nitrosodiphenylamine	1	0	CC	8.86	50.33	50	20		0.620	0.624	0.66	
2,4,6-Tribromophenol	1	0	S	8.99	56.80	50			0.062	0.071	13.60	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

Page 1 of 2

** - 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

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/2/2010 8:54:00 AData File: 5M55834.D
Method: EPA 8270C

Instrument: GCMS 5

TxtCompd:	Co#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Dichloroethane	1	0		8.90	49.66	50			0.804	0.799	0.68	
4-Bromophenyl-phenylether	1	0		9.24	50.80	50			0.198	0.201	1.60	
Hexachlorobenzene	1	0		9.30	51.77	50			0.175	0.181	3.54	
N-Octadecane	1	0		9.58	52.00	50			0.459	0.478	4.00	
Pentachlorophenol	1	0	CC	9.50	55.11	50	20		0.100	0.111	10.22	
Phenanthrene	1	0		9.74	49.42	50			1.137	1.124	1.16	
Anthracene	1	0		9.79	51.49	50			1.127	1.161	2.98	
Carbazole	1	0		9.96	50.67	50			1.074	1.088	1.34	
Di-n-butylphthalate	1	0		10.35	52.82	50			1.282	1.354	5.64	
Fluoranthene	1	0	CC	11.08	52.08	50	20		1.272	1.324	4.16	
Chrysene-d12	1	0	I	12.78	40.00	40				0.000	0.00	
Pvrene	1	0		11.34	50.76	50			1.620	1.645	1.52	
Benzidine	1	0		11.23	53.03	50			0.443	0.608	6.06	
Terphenyl-d14	1	0	S	11.52	25.16	25			1.102	1.109	0.64	
4,4'-DDE	1	0		11.46	50.79				0.296			
Endrin	1	0		11.79	52.23	50			0.074	0.077	4.46	
4,4'-DDD	1	0		11.86	52.01				0.505			
Butylbenzylphthalate	1	0		12.12	52.30	50			0.704	0.736	4.60	
Endrin aldehyde	1	0		11.79	48.12				0.040			
4,4'-DDT	1	0		12.22	54.62				0.421			
Endrin ketone	1	0		12.70	53.56				0.047			
3,3'-Dichlorobenzidine	1	0		12.74	58.25	50			0.372	0.444	16.50	
Benzofluoranthene	1	0		12.77	49.74	50			1.501	1.493	0.52	
Chrysene	1	0		12.81	48.55	50			1.388	1.348	2.90	
bis(2-Ethylhexyl)phthalate	1	0		12.82	53.15	50			0.867	0.921	6.30	
Perylene-d12	1	0	I	14.40	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	13.57	54.85	50	20		1.555	1.706	9.70	
Benzobifluoranthene	1	0		13.98	51.27	50			1.301	1.334	2.54	
Benzokifluoranthene	1	0		14.01	49.09	50			1.286	1.263	1.82	
Benzofluorene	1	0	CC	14.34	49.52	50	20		1.257	1.245	0.96	
Indenofluorene	1	0		15.73	50.73	50			1.257	1.275	1.46	
Dibenzofluoranthene	1	0		15.76	51.23	50			1.025	1.050	2.46	
Benzofluorene	1	0		16.11	51.54	50			1.062	1.094	3.08	
2,2'-oxybis-(1-Chloropropane)	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	
4-Methylphenol	1	100		0.00	0.00	50				0.000	100.00	
Toluene Diisocyanate	1	100		0.00	0.00	50				0.000	100.00	
Dimethylnaphthalenes (Total)	1	100		0.00	0.00	50			0.857	0.000	100.00	
Methoxychlor	1	100		0.00	0.00	10				0.000	100.00	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.697	0.000	100.00	
gamma-BHC	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor	1	100		0.00	0.00	10				0.000	100.00	
Heptachlor epoxide	1	100		0.00	0.00	10				0.000	100.00	
Diaminotoluene Dihydrochloride	1	100		0.00	0.00	50				0.000	100.00	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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 : 5M_0301.M
 Data File: 5M55834.D Sam Mult : 1 Vial# : 2 Qt On : 03/02/10 09:09
 Acq On : 03/ 2/10 08:54 Misc : A,BNA Qt Upd On: 03/01/10 15:19

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	45947	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	180478	40.00	ng	0.00
47) Acenaphthene-d10	8.249	164	102344	40.00	ng	0.00
73) Phenanthrene-d10	9.713	188	192575	40.00	ng	0.00
87) Chrysene-d12	12.780	240	162479	40.00	ng	0.00
102) Perylene-d12	14.404	264	166443	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.585	112	81481	49.49	ng	0.00
Spiked Amount 100.000			Recovery =	49.49%		
15) Phenol-d5	5.477	99	112991	49.54	ng	0.00
Spiked Amount 100.000			Recovery =	49.54%		
30) Nitrobenzene-d5	6.251	128	19435	25.20	ng	0.00
Spiked Amount 50.000			Recovery =	50.40%		
52) 2-Fluorobiphenyl	7.656	172	84804	25.14	ng	0.00
Spiked Amount 50.000			Recovery =	50.28%		
76) 2,4,6-Tribromophenol	8.987	330	17042	56.80	ng	0.00
Spiked Amount 100.000			Recovery =	56.80%		
90) Terphenyl-d14	11.524	244	112627	25.16	ng	0.00
Spiked Amount 50.000			Recovery =	50.32%		
Target Compounds						
						Qvalue
8) Pyridine	3.009	79	94365	45.76	ng	66
9) N-Nitrosodimethylamine	2.939	74	58083	46.89	ng	70
11) Benzaldehyde	5.418	77	66668	48.80	ng	82
12) Aniline	5.514	93	134809	54.07	ng	45
13) Pentachloroethane	5.557	117	24751	47.89	ng	81
14) bis(2-Chloroethyl)ether	5.573	93	82456	49.18	ng	82
16) Phenol	5.487	94	122446	50.34	ng	87
17) 2-Chlorophenol	5.616	128	81990	50.66	ng	83
18) N-Decane	5.669	57	81592	48.20	ng	77
19) 1,3-Dichlorobenzene	5.749	146	84556	48.79	ng	98
20) 1,4-Dichlorobenzene	5.813	146	86884	49.57	ng	98
21) 1,2-Dichlorobenzene	5.936	146	81444	49.95	ng	98
22) Benzyl alcohol	5.909	108	56811	50.43	ng	80
23) bis(2-chloroisopropyl)...	6.027	45	94631	47.82	ng	100
24) 2-Methylphenol	6.006	108	78469	50.76	ng	97
25) Acetophenone	6.128	105	109607	51.86	ng	77
26) Hexachloroethane	6.219	117	31847	48.51	ng	67
27) N-Nitroso-di-n-propyla...	6.128	70	59707	51.57	ng	67
28) 3&4-Methylphenol	6.128	108	77872	51.49	ng	98
31) Nitrobenzene	6.267	77	89420	51.09	ng	83
32) Isophorone	6.454	82	171728	49.68	ng	91
33) 2-Nitrophenol	6.518	139	40623	51.81	ng	88
34) 2,4-Dimethylphenol	6.545	107	86461	51.20	ng	99
35) Benzoic Acid	6.615	105	9788m	26.21	ng	
36) bis(2-Chloroethoxy)met...	6.620	93	97357	49.28	ng	97
37) 2,4-Dichlorophenol	6.700	162	64413	51.37	ng	89
38) 1,2,4-Trichlorobenzene	6.770	180	76020	50.43	ng	97
39) Naphthalene	6.828	128	228574	49.27	ng	100
40) 4-Chloroaniline	6.866	127	93200	51.03	ng	99
41) Hexachlorobutadiene	6.919	225	40502	49.93	ng	95
42) Caprolactam	7.138	113	31142	51.94	ng	69
43) 4-Chloro-3-methylphenol	7.229	107	76557	51.79	ng	92
44) 2-Methylnaphthalene	7.368	142	159578	50.74	ng	99
45) Methylnaphthalenes (To...	7.368	142	159578	50.74	ng	99
46) 1,1'-Biphenyl	7.742	154	193598	49.65	ng	95
48) 1,2,4,5-Tetrachloroben...	7.501	216	74056	51.71	ng	97
49) Hexachlorocyclopentadiene	7.491	237	33416	49.23	ng	98
50) 2,4,6-Trichlorophenol	7.587	196	49226	53.77	ng	100
51) 2,4,5-Trichlorophenol	7.619	196	52951	52.82	ng	99
53) 2-Chloronaphthalene	7.763	162	146199	51.17	ng	96
54) 1,4-Dimethylnaphthalene	8.046	156	109655	50.01	ng	93
55) Dimethylnaphthalenes (...)	8.046	156	109655	50.01	ng	93
56) Diphenyl Ether	7.827	170	105782	50.71	ng	81
57) 2-Nitroaniline	7.838	65	56600	53.13	ng	67
58) Acenaphthylene	8.126	152	240330	50.91	ng	100
59) Dimethylphthalate	7.988	163	174269	51.36	ng	99
60) 2,6-Dinitrotoluene	8.046	165	37863	54.67	ng	70
61) Acenaphthene	8.276	153	147318	50.53	ng	97
62) 3-Nitroaniline	8.196	138	44981	57.41	ng	44
63) 2,4-Dinitrophenol	8.287	184	18221	56.16	ng	82
64) Dibenzofuran	8.431	168	214057	51.10	ng	90
65) 2,4-Dinitrotoluene	8.404	165	52960	54.57	ng	72

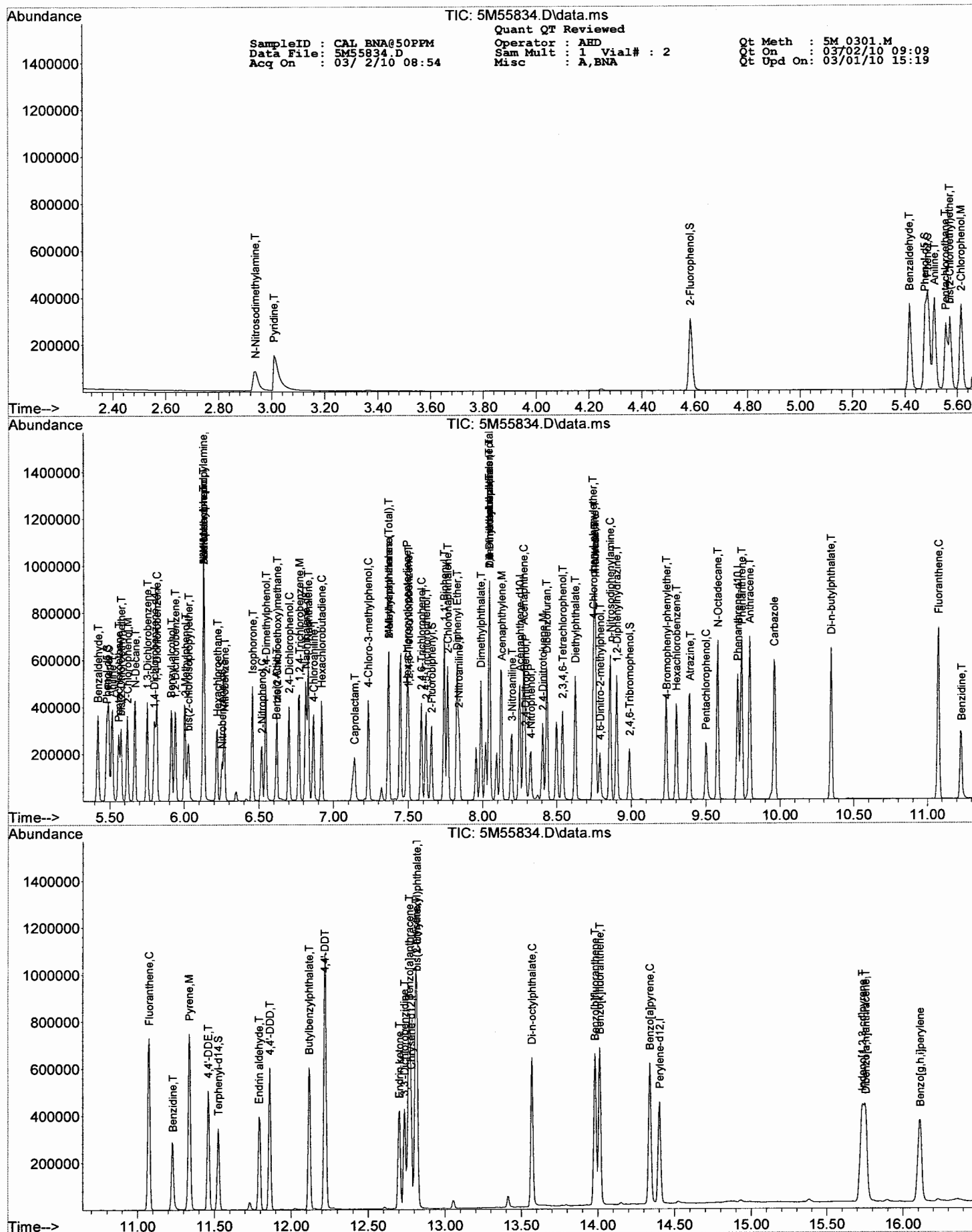
Quantitation Report (QT Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 5M_0301.M
 Data File: 5M55834.D Sam Mult : 1 Vial# : 2 Qt On : 03/02/10 09:09
 Acq On : 03/ 2/10 08:54 Misc : A,BNA Qt Upd On: 03/01/10 15:19

Data Path : G:\GcmsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Nitrophenol	8.324	65	32193	54.62	ng	81
67) 2,3,4,6-Tetrachlorophenol	8.538	232	41953	53.81	ng	83
68) Fluorene	8.757	166	172383	51.50	ng	100
69) 4-Chlorophenyl-phenyle...	8.746	204	86920	51.25	ng	86
70) Diethylphthalate	8.623	149	179852	52.38	ng	96
71) 4-Nitroaniline	8.757	138	47384	52.42	ng	82
72) Atrazine	9.393	200	56529	54.30	ng	97
74) 4,6-Dinitro-2-methylph...	8.789	198	28737	53.80	ng	59
75) n-Nitrosodiphenylamine	8.858	169	150116	50.33	ng	99
77) 1,2-Diphenylhydrazine	8.901	77	192304	49.66	ng	85
78) 4-Bromophenyl-phenylether	9.238	248	48492	50.80	ng	88
79) Hexachlorobenzene	9.302	284	43659	51.77	ng	83
80) N-Octadecane	9.580	57	115035	52.00	ng	71
81) Pentachlorophenol	9.499	266	26653	55.11	ng	97
82) Phenanthrene	9.740	178	270472	49.42	ng	99
83) Anthracene	9.793	178	279397	51.49	ng	100
84) Carbazole	9.959	167	261901	50.67	ng	99
85) Di-n-butylphthalate	10.349	149	325971	52.82	ng	98
86) Fluoranthene	11.075	202	318816	52.08	ng	90
88) Pyrene	11.337	202	334119	50.76	ng	91
89) Benzidine	11.230	184	123584	53.03	ng	85
91) 4,4'-DDE	11.460	246	61068	50.79	ng	90
92) Endrin	11.791	81	15604	52.23	ng	60
93) 4,4'-DDD	11.861	235	106725	52.01	ng	91
94) Butylbenzylphthalate	12.117	149	149452	52.30	ng	96
95) Endrin aldehyde	11.791	67	7750	48.12	ng	65
96) 4,4'-DDT	12.219	235	93388	54.62	ng	97
97) Endrin ketone	12.705	317	10260	53.56	ng	98
98) 3,3'-Dichlorobenzidine	12.737	252	90123	58.25	ng	98
99) Benzo[a]anthracene	12.769	228	303285	49.74	ng	100
100) Chrysene	12.812	228	273738	48.55	ng	99
101) bis(2-Ethylhexyl)phtha...	12.817	149	187098	53.15	ng	95
103) Di-n-octylphthalate	13.570	149	354885	54.85	ng	99
104) Benzo[b]fluoranthene	13.982	252	277615	51.27	ng	95
105) Benzo[k]fluoranthene	14.014	252	262670	49.09	ng	94
106) Benzo[a]pyrene	14.339	252	259023	49.52	ng	94
107) Indeno[1,2,3-cd]pyrene	15.734	276	265332	50.73	ng	90
108) Dibenzo[a,h]anthracene	15.755	278	218471	51.23	ng	93
109) Benzo[g,h,i]perylene	16.113	276	227675	51.54	ng	91

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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/2/2010 9:06:00 AData File: 9M23499.D
Method: EPA 8270C

Instrument: GCMS 9

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
LibIS-1,4-Dichlorobenzene-d4	1	0		5.28	68.42					0.000		
LibIS-Naphthalene-d8	1	0		6.29	31.89					0.000		
LibIS-Acenaphthene-d10	1	0		7.64	30.11					0.000		
LibIS-Phenanthrene-d10	1	0		9.04	32.39					0.000		
LibIS-Chrysene-d12	1	0		12.04	103.51					0.000		
LibIS-Perylene-d12	1	0		13.64	34.57					0.000		
1,4-Dichlorobenzene-d4	1	0	I	5.26	40.00	40				0.000	0.00	
Pyrindine	1	0		2.18	48.85	50			1.141	1.114	2.30	
N-Nitrosodimethylamine	1	0		2.13	50.50	50			0.667	0.674	1.00	
2-Fluorophenol	1	0	S	4.00	54.80	50			1.076	1.179	9.60	
Benzaldehyde	1	0		4.88	53.55	50			0.782	0.903	7.10	
Aniline	1	0		4.98	57.32	50			1.536	1.761	14.64	
Pentachloroethane	1	0		5.01	46.84	50			0.457	0.428	6.32	
bis(2-Chloroethyl)ether	1	0		5.05	48.93	50			1.107	1.084	2.14	
Phenol-d5	1	0	S	4.97	52.97	50			1.403	1.486	5.94	
Phenol	1	0	CC	4.99	51.72	50	20		1.527	1.580	3.44	
2-Chlorophenol	1	0		5.08	52.32	50			1.291	1.351	4.64	
N-Decane	1	0		5.14	48.71	50			0.880	0.857	2.58	
1,3-Dichlorobenzene	1	0		5.21	49.56	50			1.432	1.419	0.88	
1,4-Dichlorobenzene	1	0	CC	5.28	54.24	50	20		1.435	1.556	8.48	
1,2-Dichlorobenzene	1	0		5.40	51.66	50			1.377	1.423	3.32	
Benzyl alcohol	1	0		5.39	57.82	50			0.702	0.811	15.64	
bis(2-chloroisopropyl)ether	1	0		5.51	51.03	50			1.145	1.169	2.06	
2-Methylphenol	1	0		5.50	51.67	50			1.066	1.101	3.34	
Acetophenone	1	0		5.61	51.96	50			1.643	1.707	3.92	
Hexachloroethane	1	0		5.68	50.73	50			0.641	0.651	1.46	
N-Nitroso-di-n-propylamine	1	0	CP	5.61	48.45	50	0.05		0.948	0.919	3.10	
3,4-Methylphenol	1	0		5.63	52.43	50			1.119	1.173	4.86	
Naphthalene-d8	1	0	I	6.29	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.73	26.60	25			0.168	0.178	6.40	
Nitrobenzene	1	0		5.74	52.76	50			0.374	0.395	5.52	
Isophorone	1	0		5.93	48.90	50			0.657	0.642	2.20	
2-Nitrophenol	1	0	CC	6.00	54.63	50	20		0.186	0.203	9.26	
2,4-Dimethylphenol	1	0		6.04	49.07	50			0.357	0.351	1.86	
Benzoic Acid	1	0		6.14	61.83	50			0.192	0.233	23.66	
bis(2-Chloroethoxy)methane	1	0		6.11	52.43	50			0.363	0.381	4.86	
2,4-Dichlorophenol	1	0	CC	6.19	51.13	50	20		0.290	0.296	2.26	
1,2,4-Trichlorobenzene	1	0		6.24	52.58	50			0.336	0.353	5.16	
Naphthalene	1	0		6.30	51.48	50			1.018	1.048	2.96	
4-Chloroaniline	1	0		6.35	53.30	50			0.323	0.413	6.60	
Hexachlorobutadiene	1	0	CC	6.39	51.60	50	20		0.192	0.198	3.20	
Caprolactam	1	0		6.63	56.45	50			0.104	0.117	12.90	
4-Chloro-3-methylphenol	1	0	CC	6.72	50.15	50	20		0.299	0.299	0.30	
2-Methylnaphthalene	1	0		6.82	51.96	50			0.695	0.722	3.92	
Methylnaphthalenes	1	0		6.82	51.96	50	20			0.722	3.92	
1,1'-Biphenyl	1	0		7.17	50.93	50			0.863	0.879	1.86	
Acenaphthene-d10	1	0	I	7.64	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.95	47.27	50			0.599	0.567	5.46	
Hexachlorocyclopentadiene	1	0	CP	6.93	27.84	50	0.05		0.130	0.053	44.32	
2,4,6-Trichlorophenol	1	0	CC	7.04	53.63	50	20		0.350	0.375	7.26	
2,4,5-Trichlorophenol	1	0		7.07	51.11	50			0.372	0.380	2.22	
2-Fluorobiphenyl	1	0	S	7.09	23.31	25			1.368	1.276	6.76	
2-Chloronaphthalene	1	0		7.19	48.97	50			1.171	1.147	2.06	
1,4-Dimethylnaphthalene	1	0		7.45	50.78	50			0.907	0.878	1.56	
Dimethylnaphthalenes	1	0		7.45	50.78	50	20			0.878	1.56	
Diphenyl Ether	1	0		7.25	50.12	50			0.820	0.822	0.24	
2-Nitroaniline	1	0		7.27	49.52	50			0.344	0.341	0.96	
Acenaphthylene	1	0		7.52	49.85	50			1.884	1.878	0.30	
Dimethylphthalate	1	0		7.42	47.89	50			1.400	1.341	4.22	
2,6-Dinitrotoluene	1	0		7.47	53.09	50			0.304	0.323	6.18	
Acenaphthene	1	0	CC	7.67	51.37	50	20		1.188	1.221	2.74	
3-Nitroaniline	1	0		7.61	57.22	50			0.287	0.329	14.44	
2,4-Dinitrophenol	1	0	CP	7.71	50.02	50	0.05		0.148	0.144	0.04	
Dibenzofuran	1	0		7.82	49.09	50			1.610	1.581	1.82	
2,4-Dinitrotoluene	1	0		7.81	48.50	50			0.422	0.409	3.00	
4-Nitrophenol	1	0	CP	7.76	52.32	50	0.05		0.188	0.197	4.64	
2,3,4,6-Tetrachlorophenol	1	0		7.92	49.38	50			0.303	0.299	1.24	
Fluorene	1	0		8.12	50.69	50			1.323	1.341	1.38	
4-Chlorophenyl-phenylether	1	0		8.12	47.40	50			0.628	0.595	5.20	
Diethylphthalate	1	0		8.01	48.79	50			1.428	1.393	2.42	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

Page 1 of 2

** - 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

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/2/2010 9:06:00 AData File: 9M23499.D
Method: EPA 8270C

Instrument: GCMS 9

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
4-Nitroaniline	1	0		8.15	53.27	50			0.335	0.357	6.54	
Atrazine	1	0		8.75	48.96	50			0.406	0.398	2.08	
Phenanthrene-d10	1	0	I	9.04	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.18	50.02	50			0.137	0.137	0.04	
n-Nitrosodiphenylamine	1	0	CC	8.23	48.65	50	20		0.688	0.670	2.70	
2,4,6-Tribromophenol	1	0	S	8.35	54.52	50			0.074	0.081	9.04	
1,2-Diphenylhydrazine	1	0		8.27	47.93	50			0.990	0.949	4.14	
4-Bromophenyl-phenylether	1	0		8.58	49.01	50			0.223	0.218	1.98	
Hexachlorobenzene	1	0		8.65	47.48	50			0.222	0.211	5.04	
N-Octadecane	1	0		8.93	49.22	50			0.356	0.351	1.56	
Pentachlorophenol	1	0	CC	8.85	52.74	50	20		0.087	0.091	5.48	
Phenanthrene	1	0		9.06	48.56	50			1.165	1.131	2.88	
Anthracene	1	0		9.11	48.86	50			1.196	1.169	2.28	
Carbazole	1	0		9.29	50.11	50			1.117	1.120	0.22	
Di-n-butylphthalate	1	0		9.68	49.13	50			1.504	1.477	1.74	
Fluoranthene	1	0	CC	10.36	48.39	50	20		1.268	1.228	3.22	
Chrysene-d12	1	0	I	12.05	40.00	40				0.000	0.00	
Pvrene	1	0		10.62	47.03	50			1.610	1.514	5.94	
Benzidine	1	0		10.53	58.94	50			0.449	0.574	17.88	
Terphenyl-d14	1	0	S	10.82	23.62	25			1.148	1.085	5.52	
p,p'-DDE	1	0		10.75	47.77				0.339			
Endrin	1	0		11.05	44.52	50			0.125	0.112	10.96	
p,p'-DDD	1	0		11.15	49.53				0.550			
Butylbenzylphthalate	1	0		11.42	49.12	50			0.786	0.772	1.76	
Endrin aldehyde	1	0		0.00	0.00				0.031			
p,p'-DDT	1	0		11.50	45.23				0.507			
Endrin ketone	1	0		11.96	44.79				0.052			
3,3'-Dichlorobenzidine	1	0		12.02	56.41	50			0.412	0.461	12.82	
Benzofluoranthene	1	0		12.04	47.73	50			1.453	1.387	4.54	
Chrysene	1	0		12.08	46.83	50			1.391	1.302	6.34	
bis(2-Ethylhexyl)phthalate	1	0		12.12	50.53	50			1.153	1.165	1.06	
Perylene-d12	1	0	I	13.64	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.87	50.77	50	20		1.765	1.792	1.54	
Benzo[b]fluoranthene	1	0		13.25	48.50	50			1.334	1.294	3.00	
Benzo[k]fluoranthene	1	0		13.28	50.24	50			1.249	1.255	0.48	
Benzo[a]pyrene	1	0	CC	13.59	48.31	50	20		1.245	1.203	3.38	
Indeno[1,2,3-cd]pyrene	1	0		14.73	49.92	50			1.255	1.253	0.16	
Dibenzofluoranthene	1	0		14.75	50.86	50			1.040	1.058	1.72	
Benzo[a,h]perylene	1	0		15.03	48.16	50			1.092	1.052	3.68	
2,4-Diaminotoluene	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	
Toluene Diisocyanate	1	100		0.00	0.00	50				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	
Methylnaphthalenes (Total)	1	100		0.00	0.00	50			0.695	0.000	100.00	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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: 9M23499.D Sam Mult : 1 Vial# : 2 Qt On : 03/02/10 09:23
 Acq On : 03/ 2/10 09:06 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	5.260	152	21747	40.00	ng	0.00
29) Naphthalene-d8	6.287	136	81369	40.00	ng	0.00
47) Acenaphthene-d10	7.640	164	47724	40.00	ng	0.00
73) Phenanthrene-d10	9.036	188	82242	40.00	ng	0.00
87) Chrysene-d12	12.048	240	72622	40.00	ng	-0.01
102) Perylene-d12	13.642	264	77574	40.00	ng	-0.02
System Monitoring Compounds						
10) 2-Fluorophenol	4.003	112	32045	54.80	ng	0.00
Spiked Amount 100.000			Recovery =	54.80%		
15) Phenol-d5	4.971	99	40389	52.97	ng	0.00
Spiked Amount 100.000			Recovery =	52.97%		
30) Nitrobenzene-d5	5.731	128	9071	26.60	ng	0.00
Spiked Amount 50.000			Recovery =	53.20%		
52) 2-Fluorobiphenyl	7.095	172	38051	23.31	ng	0.00
Spiked Amount 50.000			Recovery =	46.62%		
76) 2,4,6-Tribromophenol	8.346	330	8335	54.52	ng	-0.01
Spiked Amount 100.000			Recovery =	54.52%		
90) Terphenyl-d14	10.817	244	49226	23.62	ng	-0.01
Spiked Amount 50.000			Recovery =	47.24%		
Target Compounds						
						Qvalue
8) Pyridine	2.179	79	30292	48.85	ng	64
9) N-Nitrosodimethylamine	2.126	74	18321	50.50	ng	80
11) Benzaldehyde	4.875	77	24556	53.55	ng	84
12) Aniline	4.977	93	47881	57.32	ng	18
13) Pentachloroethane	5.009	117	11648	46.84	ng	71
14) bis(2-Chloroethyl)ether	5.046	93	29463	48.93	ng	80
16) Phenol	4.987	94	42950	51.72	ng	98
17) 2-Chlorophenol	5.078	128	36719	52.32	ng	78
18) N-Decane	5.137	57	23296	48.71	ng	56
19) 1,3-Dichlorobenzene	5.212	146	38578	49.56	ng	99
20) 1,4-Dichlorobenzene	5.276	146	42308	54.24	ng	93
21) 1,2-Dichlorobenzene	5.405	146	38681	51.66	ng	97
22) Benzyl alcohol	5.394	108	22053	57.82	ng	87
23) bis(2-chloroisopropyl)...	5.506	45	31771	51.03	ng	56
24) 2-Methylphenol	5.501	108	29938	51.67	ng	95
25) Acetophenone	5.608	105	46409	51.96	ng	65
26) Hexachloroethane	5.677	117	17688	50.73	ng	90
27) N-Nitroso-di-n-propyla...	5.613	70	24974	48.45	ng	81
28) 3&4-Methylphenol	5.629	108	31897	52.43	ng	87
31) Nitrobenzene	5.742	77	40177	52.76	ng	86
32) Isophorone	5.934	82	65346	48.90	ng	84
33) 2-Nitrophenol	5.998	139	20622	54.63	ng	86
34) 2,4-Dimethylphenol	6.041	107	35658	49.07	ng	96
35) Benzoic Acid	6.143	105	23696m	61.83	ng	
36) bis(2-Chloroethoxy)met...	6.111	93	38728	52.43	ng	97
37) 2,4-Dichlorophenol	6.191	162	30133	51.13	ng	82
38) 1,2,4-Trichlorobenzene	6.244	180	35920	52.58	ng	95
39) Naphthalene	6.303	128	106625	51.48	ng	98
40) 4-Chloroaniline	6.351	127	42011	53.30	ng	98
41) Hexachlorobutadiene	6.394	225	20132	51.60	ng	97
42) Caprolactam	6.630	113	11893	56.45	ng	56
43) 4-Chloro-3-methylphenol	6.720	107	30458	50.15	ng	82
44) 2-Methylnaphthalene	6.817	142	73456	51.96	ng	99
45) Methylnaphthalenes (To...	6.817	142	73456	51.96	ng	99
46) 1,1'-Biphenyl	7.170	154	89399	50.93	ng	96
48) 1,2,4,5-Tetrachloroben...	6.945	216	33804	47.27	ng	98
49) Hexachlorocyclopentadiene	6.934	237	3154	27.84	ng	99
50) 2,4,6-Trichlorophenol	7.036	196	22384	53.63	ng	99
51) 2,4,5-Trichlorophenol	7.068	196	22671	51.11	ng	98
53) 2-Chloronaphthalene	7.191	162	68419	48.97	ng	92
54) 1,4-Dimethylnaphthalene	7.453	156	52352	50.78	ng	89
55) Dimethylnaphthalenes (...)	7.453	156	52352	50.78	ng	89
56) Diphenyl Ether	7.250	170	49041	50.12	ng	91
57) 2-Nitroaniline	7.271	65	20343	49.52	ng	65
58) Acenaphthylene	7.523	152	112052	49.85	ng	99
59) Dimethylphthalate	7.416	163	79985	47.89	ng	98
60) 2,6-Dinitrotoluene	7.469	165	19251	53.09	ng	61
61) Acenaphthene	7.667	153	72839	51.37	ng	95
62) 3-Nitroaniline	7.608	138	19601	57.22	ng	75
63) 2,4-Dinitrophenol	7.710	184	8581	50.02	ng	88
64) Dibenzofuran	7.817	168	94317	49.09	ng	89
65) 2,4-Dinitrotoluene	7.812	165	24426	48.50	ng	92

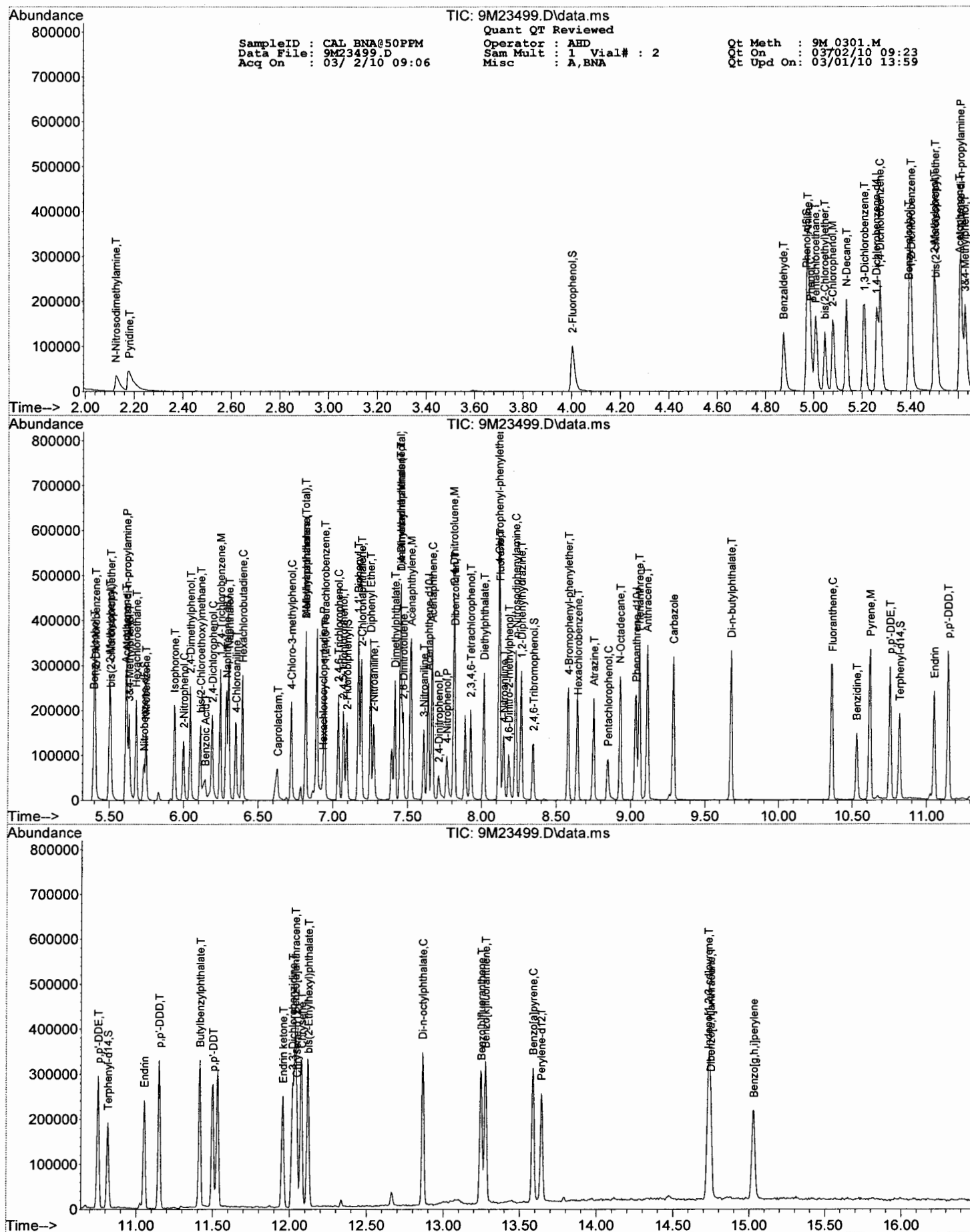
Quantitation Report (QT Reviewed)

SampleID : CAL_BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23499.D Sam Mult : 1 Vial# : 2 Qt On : 03/02/10 09:23
 Acq On : 03/ 2/10 09:06 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	7.763	65	11731	52.32	ng	41
67) 2,3,4,6-Tetrachlorophenol	7.924	232	17833	49.38	ng	89
68) Fluorene	8.122	166	79987	50.69	ng	97
69) 4-Chlorophenyl-phenyle...	8.116	204	35493	47.40	ng	91
70) Diethylphthalate	8.015	149	83113	48.79	ng	99
71) 4-Nitroaniline	8.149	138	21289	53.27	ng	94
72) Atrazine	8.753	200	23715	48.96	ng	95
74) 4,6-Dinitro-2-methylph...	8.181	198	14111	50.02	ng	52
75) n-Nitrosodiphenylamine	8.229	169	68839	48.65	ng	99
77) 1,2-Diphenylhydrazine	8.266	77	97539	47.93	ng	90
78) 4-Bromophenyl-phenylether	8.582	248	22446	49.01	ng	91
79) Hexachlorobenzene	8.646	284	21676	47.48	ng	74
80) N-Octadecane	8.929	57	36074	49.22	ng	62
81) Pentachlorophenol	8.849	266	9399	52.74	ng	90
82) Phenanthrene	9.058	178	116286	48.56	ng	99
83) Anthracene	9.111	178	120171	48.86	ng	99
84) Carbazole	9.288	167	115107	50.11	ng	97
85) Di-n-butylphthalate	9.678	149	151889	49.13	ng	97
86) Fluoranthene	10.363	202	126198	48.39	ng	83
88) Pyrene	10.620	202	137466	47.03	ng	84
89) Benzidine	10.529	184	52115	58.94	ng	85
91) p,p'-DDE	10.753	246	29377	47.77	ng	92
92) Endrin	11.053	81	10136	44.52	ng	70
93) p,p'-DDD	11.149	235	49487	49.53	ng	88
94) Butylbenzylphthalate	11.417	149	70063	49.12	ng	84
96) p,p'-DDT	11.502	235	41606	45.23	ng	91
97) Endrin ketone	11.957	317	4241	44.79	ng	91
98) 3,3'-Dichlorobenzidine	12.021	252	41871	56.41	ng	94
99) Benzo[a]anthracene	12.037	228	125935	47.73	ng	99
100) Chrysene	12.080	228	118234	46.83	ng	98
101) bis(2-Ethylhexyl)phtha...	12.123	149	105762	50.53	ng	98
103) Di-n-octylphthalate	12.866	149	173807	50.77	ng	100
104) Benzo[b]fluoranthene	13.251	252	125488	48.50	ng	93
105) Benzo[k]fluoranthene	13.278	252	121712	50.24	ng	92
106) Benzo[a]pyrene	13.588	252	116680	48.31	ng	92
107) Indeno[1,2,3-cd]pyrene	14.733	276	121525	49.92	ng	99
108) Dibenzo[a,h]anthracene	14.749	278	102554	50.86	ng	88
109) Benzo[g,h,i]perylene	15.032	276	102003	48.16	ng	85

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



Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/3/2010 10:11:00 AData File: 9M23526.D
Method: EPA 8270C

Instrument: GCMS 9

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	5.26	40.00	40				0.000	0.00	
Pvridine	1	0		2.17	52.51	50			1.141	1.198	5.02	
N-Nitrosodimethylamine	1	0		2.12	52.98	50			0.667	0.707	5.96	
2-Fluorophenol	1	0	S	4.00	52.74	50			1.076	1.134	5.48	
Benzaldehyde	1	0		4.87	57.94	50			0.782	0.941	15.88	
Aniline	1	0		4.97	59.56	50			1.536	1.830	19.12	
Pentachloroethane	1	0		5.00	47.78	50			0.457	0.437	4.44	
bis(2-Chloroethyl)ether	1	0		5.05	52.07	50			1.107	1.153	4.14	
Phenol-d5	1	0	S	4.97	55.16	50			1.403	1.547	10.32	
Phenol	1	0	CC	4.98	57.78	50	20		1.527	1.765	15.56	
2-Chlorophenol	1	0		5.08	57.63	50			1.291	1.488	15.26	
N-Decane	1	0		5.13	51.57	50			0.880	0.907	3.14	
1,3-Dichlorobenzene	1	0		5.21	51.16	50			1.432	1.465	2.32	
1,4-Dichlorobenzene	1	0	CC	5.28	54.45	50	20		1.435	1.562	8.90	
1,2-Dichlorobenzene	1	0		5.40	51.51	50			1.377	1.419	3.02	
Benzyl alcohol	1	0		5.39	61.37	50			0.702	0.861	22.74	
bis(2-chloroisopropyl)ether	1	0		5.51	56.11	50			1.145	1.285	12.22	
2-Methylphenol	1	0		5.50	56.58	50			1.066	1.206	13.16	
Acetophenone	1	0		5.61	56.47	50			1.643	1.855	12.94	
Hexachloroethane	1	0		5.67	51.39	50			0.641	0.659	2.78	
N-Nitroso-di-n-propylamine	1	0	CP	5.61	53.60	50	0.05		0.948	1.016	7.20	
3,4-Methylphenol	1	0		5.63	58.00	50			1.119	1.298	16.00	
Naphthalene-d8	1	0	I	6.28	40.00	40				0.000	0.00	
Nitrobenzene-d5	1	0	S	5.73	23.50	25			0.168	0.158	6.00	
Nitrobenzene	1	0		5.74	46.32	50			0.374	0.347	7.36	
Isothorone	1	0		5.93	47.53	50			0.657	0.625	4.94	
2-Nitrophenol	1	0	CC	5.99	49.23	50	20		0.186	0.183	1.54	
2,4-Dimethylphenol	1	0		6.04	47.73	50			0.357	0.341	4.54	
Benzoic Acid	1	0		6.14	25.49	50			0.192	0.086	49.02	
bis(2-Chloroethoxy)methane	1	0		6.11	49.52	50			0.363	0.360	0.96	
2,4-Dichlorophenol	1	0	CC	6.19	50.64	50	20		0.290	0.293	1.28	
1,2,4-Trichlorobenzene	1	0		6.24	49.48	50			0.336	0.332	1.04	
Naphthalene	1	0		6.30	49.74	50			1.018	1.013	0.52	
4-Chloroaniline	1	0		6.35	55.28	50			0.323	0.426	10.56	
Hexachlorobutadiene	1	0	CC	6.39	45.59	50	20		0.192	0.175	8.82	
Caprolactam	1	0		6.63	56.79	50			0.104	0.118	13.58	
4-Chloro-3-methylphenol	1	0	CC	6.72	48.16	50	20		0.299	0.288	3.68	
2-Methylnaphthalene	1	0		6.82	49.60	50			0.695	0.689	0.80	
Methylnaphthalenes	1	0		6.82	49.60	50	20			0.689	0.80	
1,1'-Biophenyl	1	0		7.17	49.07	50			0.863	0.847	1.86	
Acenaphthene-d10	1	0	I	7.63	40.00	40				0.000	0.00	
1,2,4,5-Tetrachlorobenzene	1	0		6.94	47.46	50			0.599	0.569	5.08	
Hexachlorocyclopentadiene	1	0	CP	6.93	27.87	50	0.05		0.130	0.053	44.26	
2,4,6-Trichlorophenol	1	0	CC	7.03	51.71	50	20		0.350	0.362	3.42	
2,4,5-Trichlorophenol	1	0		7.07	50.39	50			0.372	0.375	0.78	
2-Fluorobiphenyl	1	0	S	7.09	25.08	25			1.368	1.373	0.32	
2-Chloronaphthalene	1	0		7.19	50.71	50			1.171	1.188	1.42	
1,4-Dimethylnaphthalene	1	0		7.45	50.50	50			0.907	0.873	1.00	
Dimethylnaphthalenes	1	0		7.45	50.50	50	20			0.873	1.00	
Diphenyl Ether	1	0		7.25	51.82	50			0.820	0.850	3.64	
2-Nitroaniline	1	0		7.27	48.35	50			0.344	0.333	3.30	
Acenaphthylene	1	0		7.52	50.61	50			1.884	1.907	1.22	
Dimethylphthalate	1	0		7.42	51.05	50			1.400	1.429	2.10	
2,6-Dinitrotoluene	1	0		7.47	51.08	50			0.304	0.310	2.16	
Acenaphthene	1	0	CC	7.66	50.65	50	20		1.188	1.204	1.30	
3-Nitroaniline	1	0		7.61	58.08	50			0.287	0.333	16.16	
2,4-Dinitrophenol	1	0	CP	7.71	50.62	50	0.05		0.148	0.146	1.24	
Dibenzofuran	1	0		7.81	50.70	50			1.610	1.633	1.40	
2,4-Dinitrotoluene	1	0		7.81	52.15	50			0.422	0.440	4.30	
4-Nitrophenol	1	0	CP	7.76	48.94	50	0.05		0.188	0.184	2.12	
2,3,4,6-Tetrachlorophenol	1	0		7.92	52.26	50			0.303	0.316	4.52	
Fluorene	1	0		8.12	50.88	50			1.323	1.346	1.76	
4-Chlorophenyl-phenvlether	1	0		8.11	51.27	50			0.628	0.643	2.54	
Diethylphthalate	1	0		8.01	50.21	50			1.428	1.434	0.42	
4-Nitroaniline	1	0		8.15	56.13	50			0.335	0.376	12.26	
Atrazine	1	0		8.75	50.22	50			0.406	0.408	0.44	
Phenanthrene-d10	1	0	I	9.03	40.00	40				0.000	0.00	
4,6-Dinitro-2-methylphenol	1	0		8.18	49.75	50			0.137	0.137	0.50	
n-Nitrosodiphenylamine	1	0	CC	8.22	50.22	50	20		0.688	0.691	0.44	
2,4,6-Tribromophenol	1	0	S	8.34	53.83	50			0.074	0.080	7.66	

CC - Continuing Calibration Check Compound
N/O or N/O - Not applicable for this runCP - System Performance Check Compound
* - Failed the C or P CriteriaI - Internal Standard
** - No limit specified in method

Page 1 of 2

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

Form7

Continuing Calibration

Calibration Name: CAL BNA@50PPM
Cont Calibration Date/Time 3/3/2010 10:11:00 AData File: 9M23526.D
Method: EPA 8270C

Instrument: GCMS 9

TxtCompd:	Col#	Multi Num	Type	RT	Conc	Conc Exp	Lo Lim	Hi Lim	Initial RF	RF	%Diff	Flag
1,2-Diphenylhydrazine	1	0		8.26	49.92	50			0.990	0.988	0.16	
4-Bromophenyl-phenylether	1	0		8.58	53.48	50			0.223	0.238	6.96	
Hexachlorobenzene	1	0		8.64	49.37	50			0.222	0.219	1.26	
N-Octadecane	1	0		8.92	51.66	50			0.356	0.368	3.32	
Pentachlorophenol	1	0	CC	8.84	54.04	50	20		0.087	0.094	8.08	
Phenanthrene	1	0		9.06	49.95	50			1.165	1.163	0.10	
Anthracene	1	0		9.11	50.46	50			1.196	1.207	0.92	
Carbazole	1	0		9.29	52.82	50			1.117	1.180	5.64	
Di-n-butylphthalate	1	0		9.67	50.99	50			1.504	1.533	1.98	
Fluoranthene	1	0	CC	10.36	50.32	50	20		1.268	1.277	0.64	
Chrysene-d12	1	0	I	12.05	40.00	40				0.000	0.00	
Pylene	1	0		10.61	47.03	50			1.610	1.514	5.94	
Benzidine	1	0		10.53	56.22	50			0.449	0.560	12.44	
Terphenyl-d14	1	0	S	10.81	24.79	25			1.148	1.138	0.84	
p,p'-DDE	1	0		10.75	48.92				0.339			
Endrin	1	0		11.05	45.71	50			0.125	0.115	8.58	
p,p'-DDD	1	0		11.15	51.28				0.550			
Butylbenzylphthalate	1	0		11.41	51.06	50			0.786	0.802	2.12	
Endrin aldehyde	1	0		11.05	46.99				0.031			
p,p'-DDT	1	0		11.50	46.09				0.507			
Endrin ketone	1	0		11.96	48.68				0.052			
3,3'-Dichlorobenzidine	1	0		12.02	59.96	50			0.412	0.487	19.92	
Benzofluoranthene	1	0		12.04	48.74	50			1.453	1.417	2.52	
Chrysene	1	0		12.07	49.08	50			1.391	1.365	1.84	
bis(2-Ethylhexyl)phthalate	1	0		12.12	48.75	50			1.153	1.124	2.50	
Perylene-d12	1	0	I	13.64	40.00	40				0.000	0.00	
Di-n-octylphthalate	1	0	CC	12.87	47.50	50	20		1.765	1.677	5.00	
Benzo[b]fluoranthene	1	0		13.25	48.28	50			1.334	1.288	3.44	
Benzo[k]fluoranthene	1	0		13.28	50.29	50			1.249	1.256	0.58	
Benzo[a]pyrene	1	0	CC	13.59	48.37	50	20		1.245	1.205	3.26	
Indeno[1,2,3-cd]pyrene	1	0		14.73	49.46	50			1.255	1.242	1.08	
Dibenzofluoranthene	1	0		14.74	49.53	50			1.040	1.030	0.94	
Benzo[a,h]perylene	1	0		15.03	47.11	50			1.092	1.029	5.78	
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	
2,4 Diaminotoluene	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	
Heptachlor epoxide	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	1	100		0.00	0.00	10				0.000	100.00	
alpha-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
N/O or N/O - Not applicable for this runCP - System Performance Check Compound I - Internal Standard
* - Failed the C or P Criteria

** - No limit specified in method

Page 2 of 2

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 (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23526.D Sam Mult : 1 Vial# : 2 Qt On : 03/03/10 10:29
 Acq On : 03/ 3/10 10:11 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 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	5.260	152	25482	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	108000	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	60589	40.00	ng	-0.01
73) Phenanthrene-d10	9.031	188	103250	40.00	ng	-0.01
87) Chrysene-d12	12.048	240	94050	40.00	ng	-0.01
102) Perylene-d12	13.641	264	108137	40.00	ng	-0.02
System Monitoring Compounds						
10) 2-Fluorophenol	3.998	112	36136	52.74	ng	-0.01
Spiked Amount 100.000			Recovery =	52.74%		
15) Phenol-d5	4.971	99	49287	55.16	ng	0.00
Spiked Amount 100.000			Recovery =	55.16%		
30) Nitrobenzene-d5	5.725	128	10638	23.50	ng	-0.01
Spiked Amount 50.000			Recovery =	47.00%		
52) 2-Fluorobiphenyl	7.089	172	51987	25.08	ng	0.00
Spiked Amount 50.000			Recovery =	50.16%		
76) 2,4,6-Tribromophenol	8.341	330	10331	53.83	ng	-0.02
Spiked Amount 100.000			Recovery =	53.83%		
90) Terphenyl-d14	10.812	244	66897	24.79	ng	-0.02
Spiked Amount 50.000			Recovery =	49.58%		
Target Compounds						
						Qvalue
8) Pyridine	2.169	79	38151	52.51	ng	53
9) N-Nitrosodimethylamine	2.120	74	22524	52.98	ng	83
11) Benzaldehyde	4.870	77	29978	57.94	ng	91
12) Aniline	4.971	93	58297	59.56	ng	16
13) Pentachloroethane	5.003	117	13923	47.78	ng	79
14) bis(2-Chloroethyl)ether	5.046	93	36737	52.07	ng	78
16) Phenol	4.982	94	56222	57.78	ng	91
17) 2-Chlorophenol	5.078	128	47390	57.63	ng	74
18) N-Decane	5.132	57	28897	51.57	ng	69
19) 1,3-Dichlorobenzene	5.207	146	46664	51.16	ng	93
20) 1,4-Dichlorobenzene	5.276	146	49766	54.45	ng	97
21) 1,2-Dichlorobenzene	5.399	146	45190	51.51	ng	94
22) Benzyl alcohol	5.394	108	27427	61.37	ng	84
23) bis(2-chloroisopropyl)...	5.506	45	40934	56.11	ng	62
24) 2-Methylphenol	5.495	108	38416	56.58	ng	96
25) Acetophenone	5.608	105	59095	56.47	ng	60
26) Hexachloroethane	5.672	117	20997	51.39	ng	94
27) N-Nitroso-di-n-propyla...	5.613	70	32375	53.60	ng	73
28) 3&4-Methylphenol	5.629	108	41345	58.00	ng	96
31) Nitrobenzene	5.742	77	46823	46.32	ng	87
32) Isophorone	5.934	82	84308	47.53	ng	83
33) 2-Nitrophenol	5.993	139	24670	49.23	ng	95
34) 2,4-Dimethylphenol	6.041	107	46041	47.73	ng	92
35) Benzoic Acid	6.137	105	11670	25.49	ng	89
36) bis(2-Chloroethoxy)met...	6.105	93	48550	49.52	ng	98
37) 2,4-Dichlorophenol	6.185	162	39613	50.64	ng	85
38) 1,2,4-Trichlorobenzene	6.239	180	44867	49.48	ng	97
39) Naphthalene	6.298	128	136729	49.74	ng	99
40) 4-Chloroaniline	6.346	127	57498	55.28	ng	99
41) Hexachlorobutadiene	6.389	225	23608	45.59	ng	96
42) Caprolactam	6.629	113	15879	56.79	ng	57
43) 4-Chloro-3-methylphenol	6.720	107	38825	48.16	ng	71
44) 2-Methylnaphthalene	6.817	142	93062	49.60	ng	99
45) Methylnaphthalenes (To...	6.817	142	93062	49.60	ng	99
46) 1,1'-Biphenyl	7.170	154	114323	49.07	ng	94
48) 1,2,4,5-Tetrachloroben...	6.940	216	43089	47.46	ng	98
49) Hexachlorocyclopentadiene	6.929	237	4009	27.87	ng	99
50) 2,4,6-Trichlorophenol	7.031	196	27403	51.71	ng	94
51) 2,4,5-Trichlorophenol	7.068	196	28378	50.39	ng	97
53) 2-Chloronaphthalene	7.186	162	89938	50.71	ng	95
54) 1,4-Dimethylnaphthalene	7.448	156	66115	50.50	ng	94
55) Dimethylnaphthalenes (...)	7.448	156	66115	50.50	ng	94
56) Diphenyl Ether	7.250	170	64381	51.82	ng	85
57) 2-Nitroaniline	7.271	65	25218	48.35	ng	59
58) Acenaphthylene	7.517	152	144422	50.61	ng	100
59) Dimethylphthalate	7.416	163	108247	51.05	ng	98
60) 2,6-Dinitrotoluene	7.469	165	23515	51.08	ng	66
61) Acenaphthene	7.662	153	91177	50.65	ng	88
62) 3-Nitroaniline	7.608	138	25258	58.08	ng	80
63) 2,4-Dinitrophenol	7.710	184	11036	50.62	ng	91
64) Dibenzofuran	7.811	168	123679	50.70	ng	92
65) 2,4-Dinitrotoluene	7.811	165	33344	52.15	ng	87

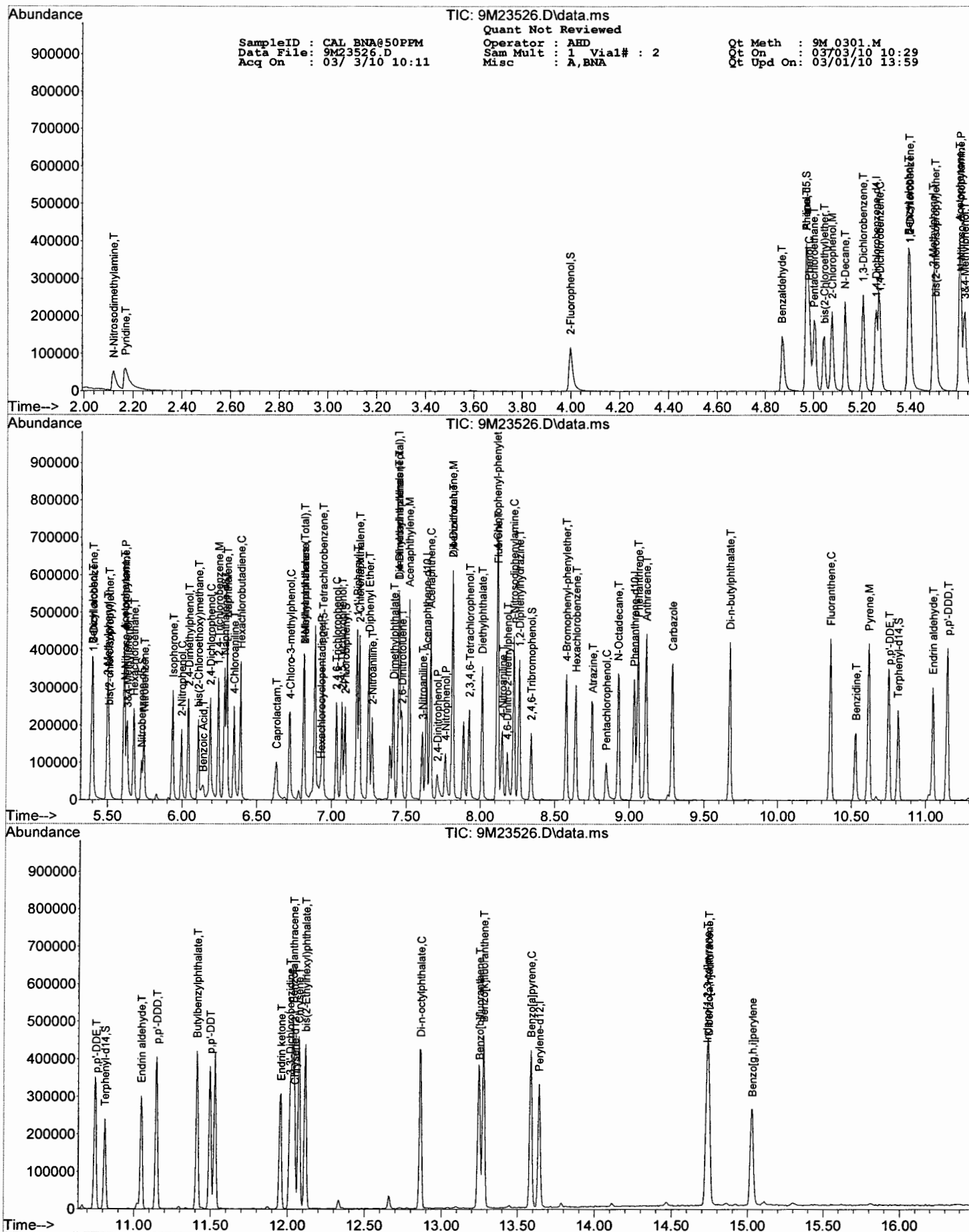
Quantitation Report (Not Reviewed)

SampleID : CAL BNA@50PPM Operator : AHD Qt Meth : 9M_0301.M
 Data File: 9M23526.D Sam Mult : 1 Vial# : 2 Qt On : 03/03/10 10:29
 Acq On : 03/ 3/10 10:11 Misc : A,BNA Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 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	7.763	65	13929	48.94	ng	49
67) 2,3,4,6-Tetrachlorophenol	7.924	232	23961	52.26	ng	89
68) Fluorene	8.116	166	101927	50.88	ng	98
69) 4-Chlorophenyl-phenyle...	8.111	204	48735	51.27	ng	89
70) Diethylphthalate	8.009	149	108605	50.21	ng	99
71) 4-Nitroaniline	8.148	138	28477	56.13	ng	87
72) Atrazine	8.753	200	30883	50.22	ng	99
74) 4,6-Dinitro-2-methylph...	8.181	198	17618	49.75	ng	33
75) n-Nitrosodiphenylamine	8.223	169	89218	50.22	ng	97
77) 1,2-Diphenylhydrazine	8.261	77	127543	49.92	ng	94
78) 4-Bromophenyl-phenylether	8.576	248	30754	53.48	ng	96
79) Hexachlorobenzene	8.640	284	28294	49.37	ng	76
80) N-Octadecane	8.924	57	47540	51.66	ng	63
81) Pentachlorophenol	8.844	266	12115	54.04	ng	92
82) Phenanthrene	9.058	178	150148	49.95	ng	98
83) Anthracene	9.111	178	155786	50.46	ng	99
84) Carbazole	9.288	167	152320	52.82	ng	98
85) Di-n-butylphthalate	9.673	149	197906	50.99	ng	98
86) Fluoranthene	10.357	202	164750	50.32	ng	89
88) Pyrene	10.614	202	178020	47.03	ng	88
89) Benzidine	10.529	184	65862	56.22	ng	85
91) p,p'-DDE	10.753	246	38963	48.92	ng	89
92) Endrin	11.047	81	13478	45.71	ng	74
93) p,p'-DDD	11.149	235	66365	51.28	ng	90
94) Butylbenzylphthalate	11.411	149	94323	51.06	ng	80
95) Endrin aldehyde	11.047	67	3375	46.99	ng	68
96) p,p'-DDT	11.497	235	54908	46.09	ng	93
97) Endrin ketone	11.957	317	5970	48.68	ng	95
98) 3,3'-Dichlorobenzidine	12.015	252	57249	59.96	ng	96
99) Benzo[a]anthracene	12.037	228	166550	48.74	ng	99
100) Chrysene	12.074	228	160478	49.08	ng	96
101) bis(2-Ethylhexyl)phtha...	12.117	149	132132	48.75	ng	99
103) Di-n-octylphthalate	12.866	149	226703	47.50	ng	98
104) Benzo[b]fluoranthene	13.251	252	174145	48.28	ng	89
105) Benzo[k]fluoranthene	13.278	252	169824	50.29	ng	91
106) Benzo[a]pyrene	13.588	252	162841	48.37	ng	92
107) Indeno[1,2,3-cd]pyrene	14.733	276	167834	49.46	ng	89
108) Dibenzo[a,h]anthracene	14.743	278	139217	49.53	ng	89
109) Benzo[g,h,i]perylene	15.032	276	139089	47.11	ng	86

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



GC/MS Semi-Volatile Data
Raw QC Data

Form 5

Tune Name: CAL DFTPP

Data File: 9M22850.D

Instrument: GCMS 9

Analysis Date: 01/25/10 09:54

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.590 to 9.611 min

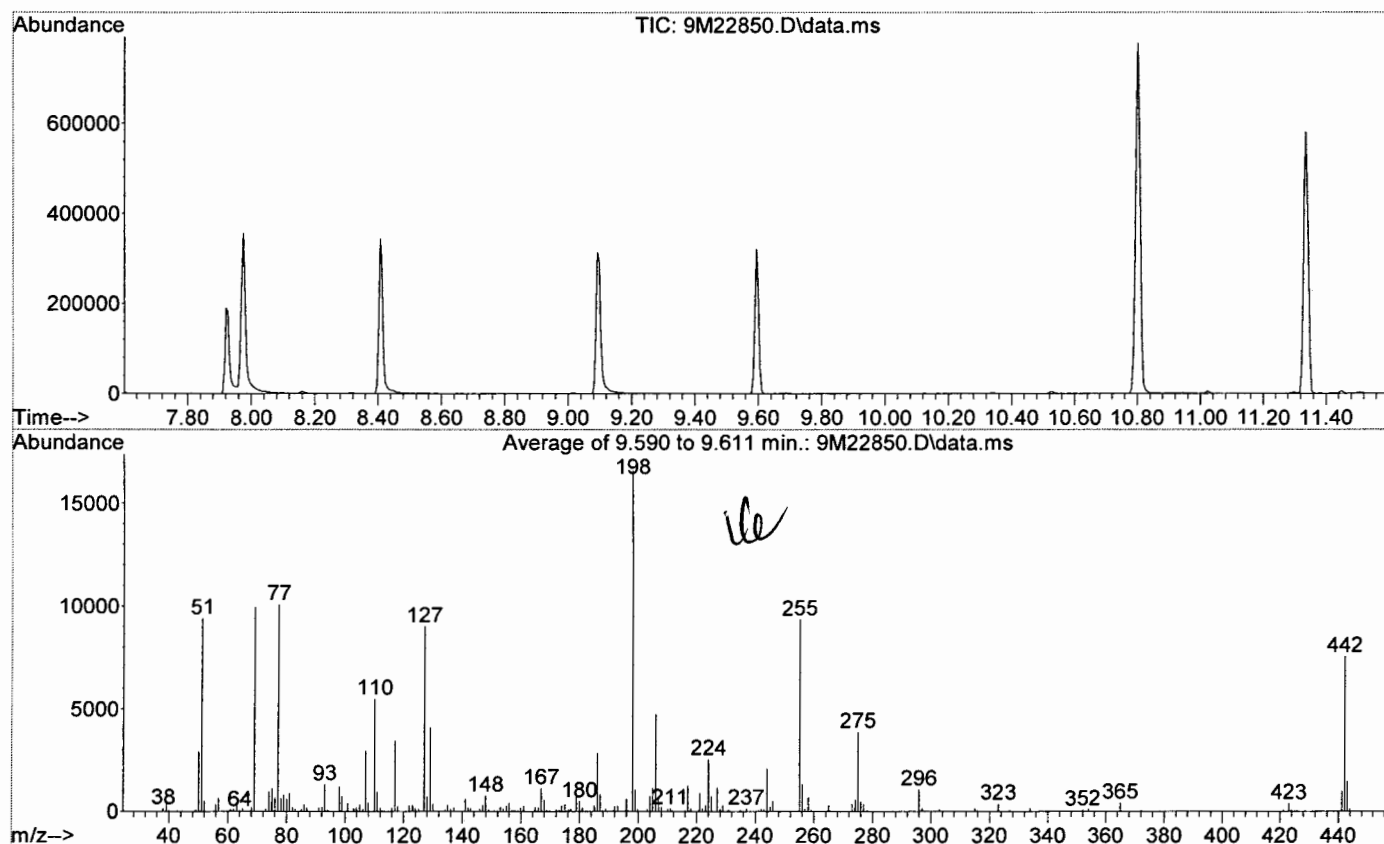
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	56.6	9383	PASS
68	69	0.00	2	1.8	178	PASS
69	198	0.00	100	60.0	9944	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.3	8989	PASS
197	198	0.00	1	0.4	58	PASS
198	198	100	100	100.0	16566	PASS
199	198	5	9	6.3	1040	PASS
275	198	10	30	23.3	3863	PASS
365	198	1	100	2.4	398	PASS
441	443	0.01	100	67.4	977	PASS
442	198	40	100	45.4	7526	PASS
443	442	17	23	19.2	1448	PASS

Data File	Sample Number	Analysis Date:
9M22851.D	CAL BNA@50PPM	01/25/10 10:18
9M22852.D	CAL BNA@2PPM	01/25/10 10:43
9M22853.D	CAL BNA@10PPM	01/25/10 11:07
9M22854.D	CAL BNA@20PPM	01/25/10 11:30
9M22855.D	CAL BNA@80PPM	01/25/10 11:54
9M22856.D	CAL BNA@120PP	01/25/10 12:17
9M22857.D	CAL BNA@160PP	01/25/10 12:41
9M22858.D	CAL BNA@196PP	01/25/10 13:05
9M22859.D	ICV BNA@50PPM	01/25/10 13:32
9M22860.D	WMB4387	01/25/10 14:06
9M22861.D	WMB4387(MS)	01/25/10 14:29
9M22862.D	WMB4385	01/25/10 14:53
9M22863.D	SMB4395	01/25/10 15:16
9M22864.D	SMB4396	01/25/10 15:40
9M22865.D	SMB4396(MS)	01/25/10 16:03
9M22866.D	AC49402-001	01/25/10 16:27
9M22867.D	AC49402-001(3X)	01/25/10 16:50
9M22868.D	AC49402-001(3X)	01/25/10 17:14
9M22869.D	AC49402-001(3X)	01/25/10 17:37
9M22870.D	AC49470-016	01/25/10 18:01
9M22871.D	AC49470-018	01/25/10 18:24
9M22872.D	AC49470-023	01/25/10 18:48
9M22873.D	AC49470-027	01/25/10 19:11
9M22874.D	AC49470-030	01/25/10 19:35
9M22875.D	AC49470-038	01/25/10 19:58
9M22876.D	AC49470-040	01/25/10 20:21
9M22877.D	AC49470-041	01/25/10 20:45
9M22878.D	AC49470-003	01/25/10 21:08
9M22879.D	AC49470-004	01/25/10 21:31
9M22880.D	AC49403-002	01/25/10 21:54
9M22881.D	AC49454-001	01/25/10 22:18
9M22882.D	AC49454-002	01/25/10 22:41
9M22883.D	AC49454-003	01/25/10 23:04
9M22884.D	AC49454-004	01/25/10 23:27
9M22885.D	AC49454-005	01/25/10 23:50
9M22886.D	AC49490-001	01/26/10 00:13
9M22887.D	AC49490-002	01/26/10 00:36
9M22888.D	AC49490-004	01/26/10 00:59
9M22889.D	AC49490-005	01/26/10 01:23
9M22890.D	AC49490-006	01/26/10 01:46
9M22891.D	MECL2 TEST-H50	01/26/10 02:09

Data Path : G:\GCMSData\2010\GCMS_9\Data\01-25-10\
 Data File : 9M22850.D
 Acq On : 25 Jan 2010 9:54
 Operator : AHD
 Sample : CAL DFTPP
 Misc : A,BNA
 ALS Vial : 2 Sample Multiplier: 1

Integration File: RTEINT.P

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0122.M
 Title : @GCMS_9,mg,625,8270
 Last Update : Fri Jan 22 15:44:38 2010



Spectrum Information: Average of 9.590 to 9.611 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.6	9383	PASS
68	69	0.00	2	1.8	178	PASS
69	198	0.00	100	60.0	9944	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	54.3	8989	PASS
197	198	0.00	1	0.4	58	PASS
198	198	100	100	100.0	16566	PASS
199	198	5	9	6.3	1040	PASS
275	198	10	30	23.3	3863	PASS
365	198	1	100	2.4	398	PASS
441	443	0.01	100	67.4	977	PASS
442	198	40	100	45.4	7526	PASS
443	442	17	23	19.2	1448	PASS

Form 5

Tune Name: CAL DFTPP

Data File: 9M23324.D

Instrument: GCMS 9

Analysis Date: 02/17/10 09:19

Method: EPA 8270C

Tune Scan/Time Range: Scan 1365

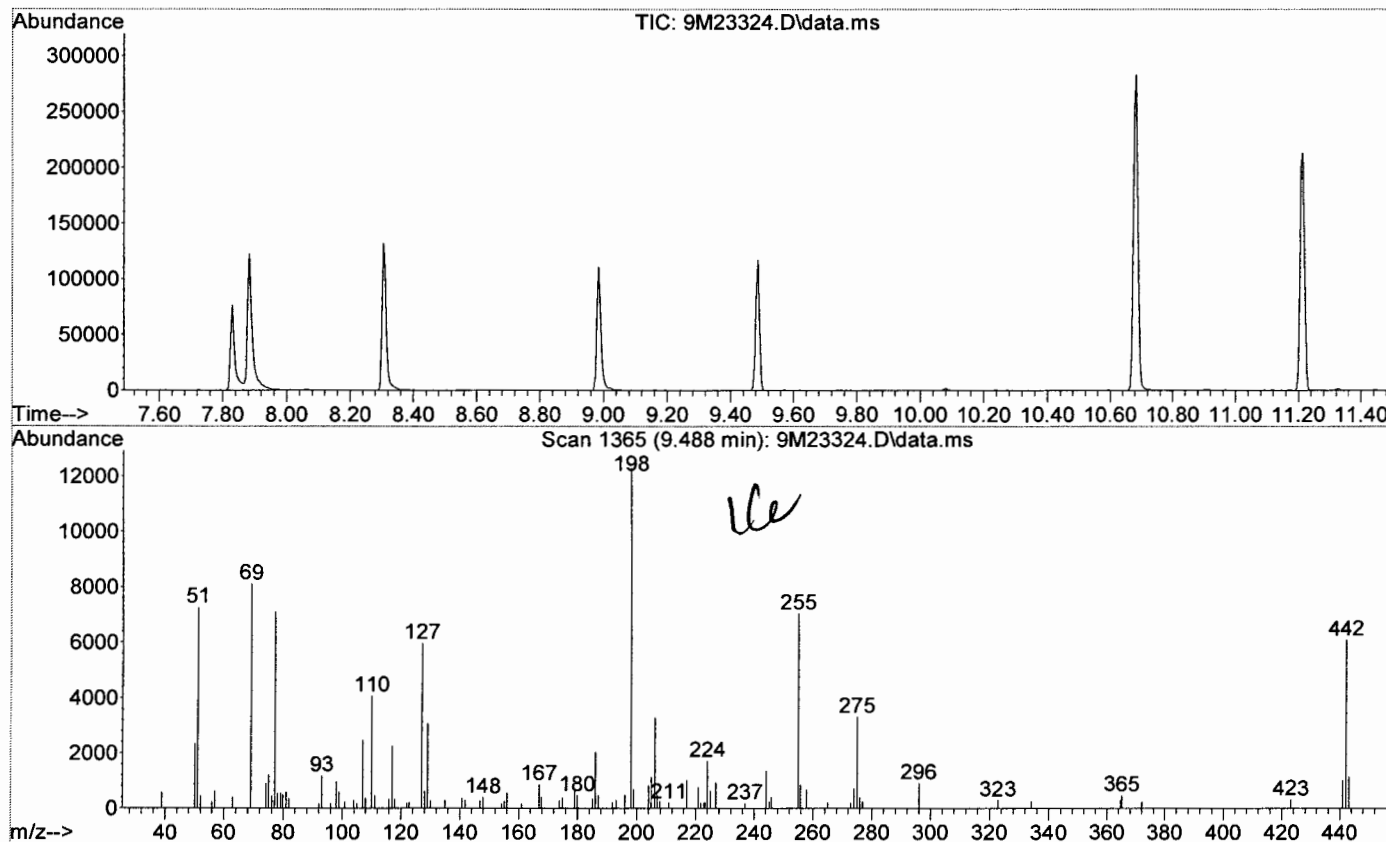
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	59.0	7249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	65.9	8097	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	5963	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12296	PASS
199	198	5	9	5.5	680	PASS
275	198	10	30	26.8	3298	PASS
365	198	1	100	3.7	460	PASS
441	443	0.01	100	87.8	1002	PASS
442	198	40	100	49.5	6083	PASS
443	442	17	23	18.8	1141	PASS

Data File	Sample Number	Analysis Date:
9M23325.D	CAL BNA@50PPM	02/17/10 09:43
9M23326.D	BNA@50PPM	02/17/10 10:06
9M23327.D	OMB1348	02/17/10 10:29
9M23328.D	OMB1348(MS)	02/17/10 10:52
9M23329.D	AC49714-009	02/17/10 11:15
9M23330.D	AC49714-010	02/17/10 11:38
9M23331.D	AC49714-012	02/17/10 12:01
9M23332.D	AC49734-004	02/17/10 12:24
9M23333.D	AC49734-014	02/17/10 12:47
9M23334.D	AC49734-015	02/17/10 13:10
9M23335.D	AC49734-016	02/17/10 13:32
9M23336.D	AC49750-006(5X)	02/17/10 13:55
9M23337.D	AC49741-011(3X)	02/17/10 14:18
9M23338.D	SMB4417(MS)	02/17/10 14:59
9M23339.D	SMB4417	02/17/10 15:21
9M23340.D	SMB4418	02/17/10 15:44
9M23341.D	AC49773-020	02/17/10 16:07
9M23342.D	AC49773-021(MS)	02/17/10 16:30
9M23343.D	AC49773-030(MSD)	02/17/10 16:52
9M23344.D	AC49741-019	02/17/10 17:15
9M23345.D	AC49741-020	02/17/10 17:38
9M23346.D	AC49741-021	02/17/10 18:01
9M23347.D	AC49741-022	02/17/10 18:24
9M23348.D	AC49741-026(2X)	02/17/10 18:46
9M23349.D	AC49741-027	02/17/10 19:09
9M23350.D	AC49741-029	02/17/10 19:32
9M23351.D	AC49741-030(2X)	02/17/10 19:54
9M23352.D	AC49741-031(2X)	02/17/10 20:17
9M23353.D	AC49773-022	02/17/10 20:40
9M23354.D	AC49773-023	02/17/10 21:03

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-17-10\
 Data File : 9M23324.D
 Acq On : 17 Feb 2010 9:19
 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_0125.M
 Title : @GCMS_9,mg,625,8270
 Last Update : Tue Jan 26 13:16:11 2010



Spectrum Information: Scan 1365

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	59.0	7249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	65.9	8097	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	48.5	5963	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12296	PASS
199	198	5	9	5.5	680	PASS
275	198	10	30	26.8	3298	PASS
365	198	1	100	3.7	460	PASS
441	443	0.01	100	87.8	1002	PASS
442	198	40	100	49.5	6083	PASS
443	442	17	23	18.8	1141	PASS

Form 5

0905

Tune Name: CAL DFTPP

Data File: 9M23356.D

Instrument: GCMS 9

Analysis Date: 02/18/10 09:18

Method: EPA 8270C

Tune Scan/Time Range: Scan 1364

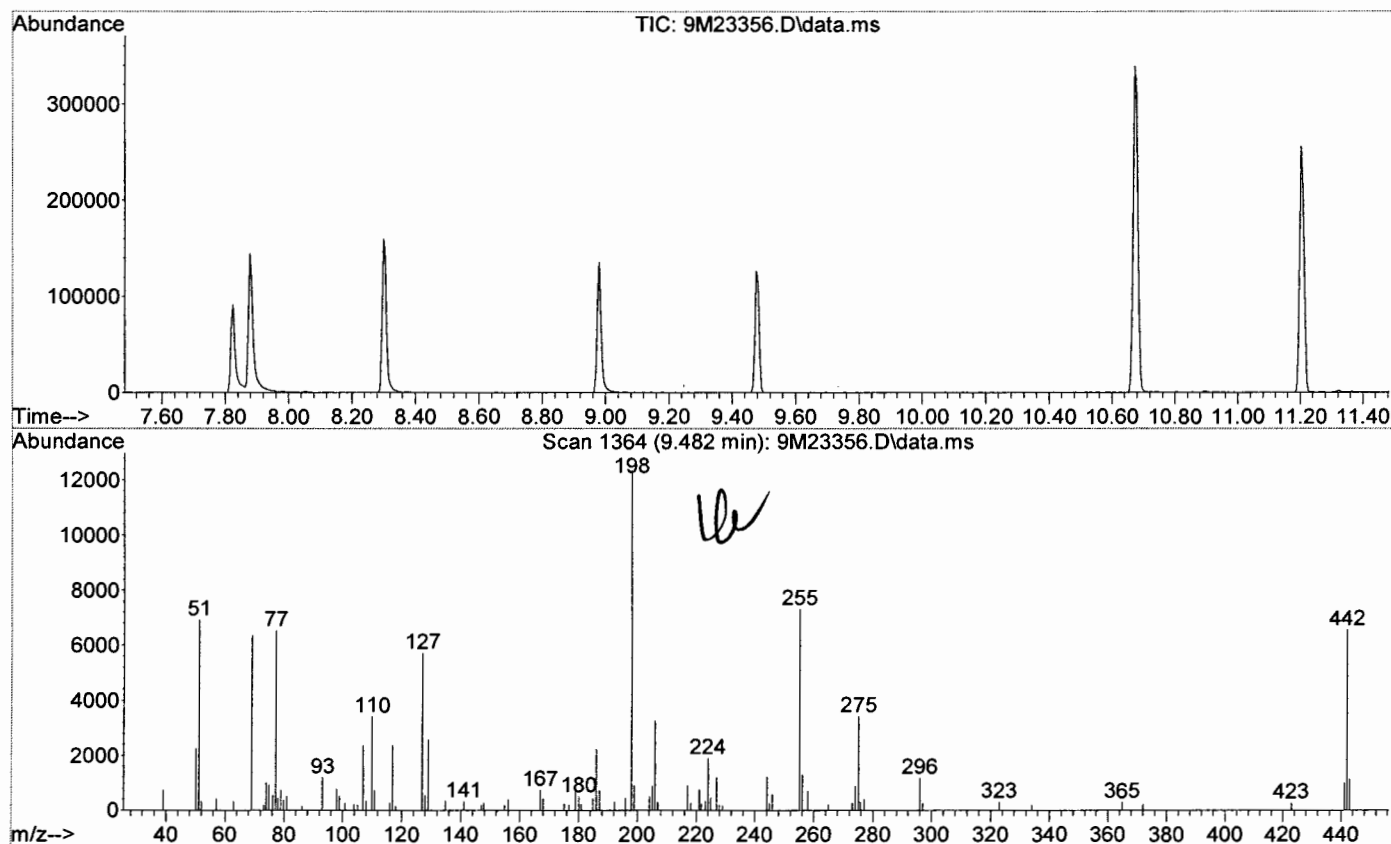
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	56.0	6917	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.4	6351	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.2	5714	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12359	PASS
199	198	5	9	7.2	886	PASS
275	198	10	30	27.7	3419	PASS
365	198	1	100	2.3	287	PASS
441	443	0.01	100	87.0	980	PASS
442	198	40	100	52.9	6543	PASS
443	442	17	23	17.2	1126	PASS

Data File	Sample Number	Analysis Date:
9M23357.D	CAL BNA@50PPM	02/18/10 09:41
9M23358.D	SMB4418(MS)	02/18/10 10:04
9M23359.D	AC49760-001	02/18/10 10:27
9M23360.D	AC49760-001(MS)	02/18/10 10:49
9M23361.D	AC49760-001(MSD)	02/18/10 11:13
9M23362.D	AC49760-003	02/18/10 11:36
9M23363.D	AC49741-026(10X)	02/18/10 11:59
9M23364.D	AC49773-024(3X)	02/18/10 12:22
9M23365.D	SMB4419	02/18/10 12:45
9M23366.D	TEST	02/18/10 13:10
9M23367.D	AC49847-014	02/18/10 13:33
9M23368.D	SMB4419	02/18/10 14:42
9M23369.D	AC49776-003(5X)	02/18/10 15:05
9M23370.D	AC49776-016	02/18/10 15:28
9M23371.D	SMB4420	02/18/10 15:51
9M23372.D	AC49847-008	02/18/10 16:52
9M23373.D	AC49847-010(2X)	02/18/10 17:14
9M23374.D	AC49847-004(2X)	02/18/10 17:37
9M23375.D	AC49847-002(2X)	02/18/10 18:00
9M23376.D	AC49847-006(3X)	02/18/10 18:23
9M23377.D	AC49774-011(3X)	02/18/10 18:46
9M23378.D	AC49774-006(3X)	02/18/10 19:08
9M23379.D	AC49774-005(3X)	02/18/10 19:31
9M23380.D	AC49774-004(3X)	02/18/10 19:54
9M23381.D	AC49774-007(2X)	02/18/10 20:17

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-18-10\
 Data File : 9M23356.D
 Acq On : 18 Feb 2010 9:18
 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_0125.M
 Title : @GCMS_9,mg,625,8270
 Last Update : Tue Jan 26 13:16:11 2010



Spectrum Information: Scan 1364

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	56.0	6917	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	51.4	6351	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	46.2	5714	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	12359	PASS
199	198	5	9	7.2	886	PASS
275	198	10	30	27.7	3419	PASS
365	198	1	100	2.3	287	PASS
441	443	0.01	100	87.0	980	PASS
442	198	40	100	52.9	6543	PASS
443	442	17	23	17.2	1126	PASS

Form 5

0907

Tune Name: CAL DFTPP

Data File: 5M55791.D

Instrument: GCMS 5

~ Analysis Date: 03/01/10 08:13

Method: EPA 8270C

Tune Scan/Time Range: Average of 10.028 to 10.044 min

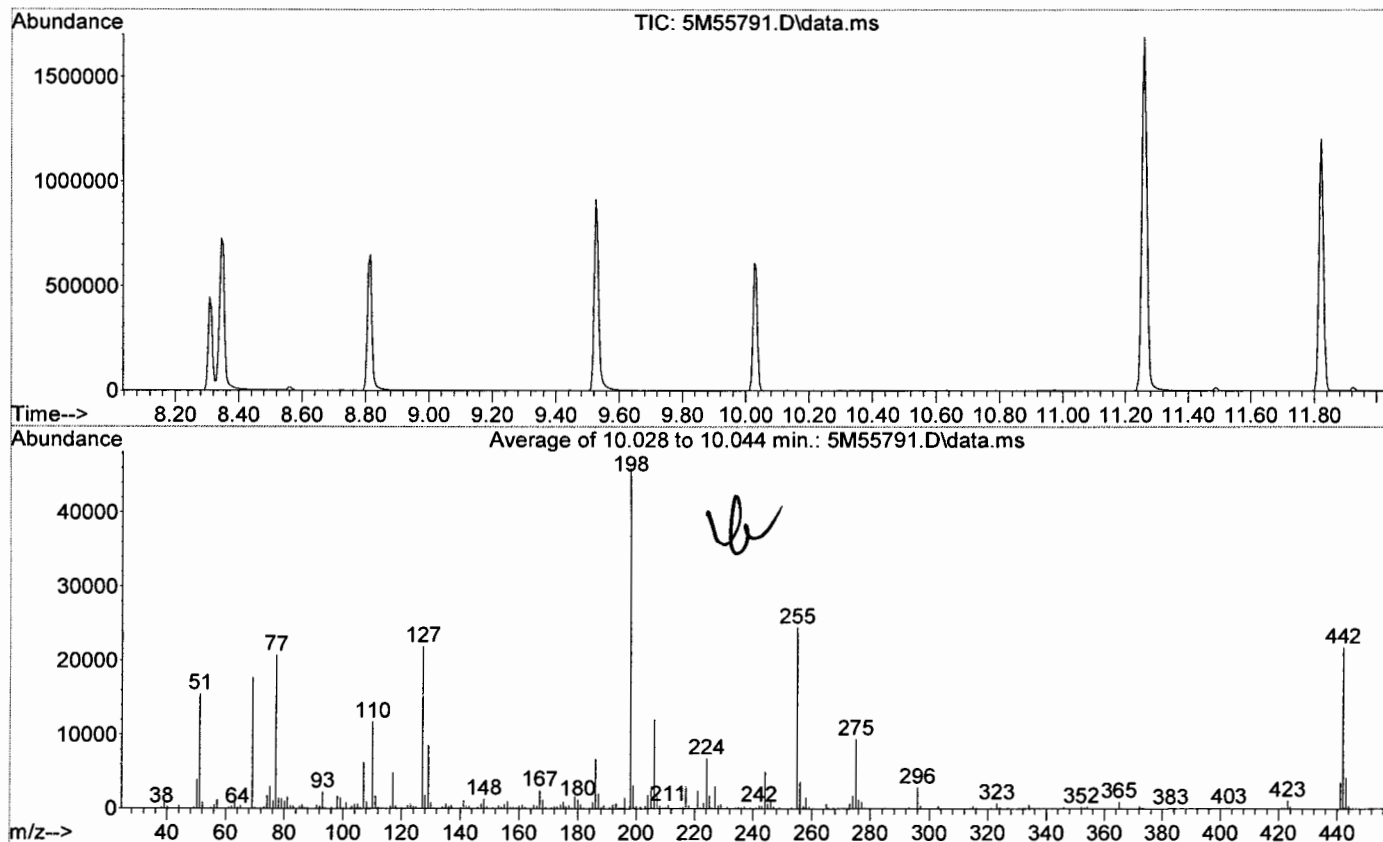
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	33.7	15485	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.5	17675	PASS
70	69	0.00	2	0.6	104	PASS
127	198	40	60	47.6	21889	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	45963	PASS
199	198	5	9	6.7	3094	PASS
275	198	10	30	20.4	9380	PASS
365	198	1	100	1.9	877	PASS
441	443	0.01	100	83.2	3470	PASS
442	198	40	100	47.3	21730	PASS
443	442	17	23	19.2	4170	PASS

Data File	Sample Number	Analysis Date:
5M55792.D	CAL BNA@50PPM	03/01/10 08:37
5M55793.D	CAL BNA@50PPM	03/01/10 09:02
5M55794.D	CAL BNA@2PPM	03/01/10 09:27
5M55795.D	CAL BNA@10PPM	03/01/10 09:49
5M55796.D	CAL BNA@20PPM	03/01/10 10:11
5M55797.D	CAL BNA@80PPM	03/01/10 10:57
5M55798.D	CAL BNA@120PP	03/01/10 11:19
5M55799.D	CAL BNA@160PP	03/01/10 11:41
5M55800.D	CAL BNA@196PP	03/01/10 12:04
5M55801.D	CAL BNA@20PPM	03/01/10 12:34
5M55802.D	CAL BNA@10PPM	03/01/10 13:17
5M55803.D	CAL BNA@50PPM	03/01/10 13:39
5M55804.D	CAL BNA@80PPM	03/01/10 14:29
5M55805.D	ICV BNA@50PPM	03/01/10 14:51

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-01-10\
 Data File : 5M55791.D
 Acq On : 1 Mar 2010 8:13
 Operator : AHD
 Sample : CAL DFTPP
 Misc : A,BNA
 ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0212.M
 Title : @GCMS_5,mg,625,8270
 Last Update : Fri Feb 12 13:54:03 2010



Spectrum Information: Average of 10.028 to 10.044 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.7	15485	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	38.5	17675	PASS
70	69	0.00	2	0.6	104	PASS
127	198	40	60	47.6	21889	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	45963	PASS
199	198	5	9	6.7	3094	PASS
275	198	10	30	20.4	9380	PASS
365	198	1	100	1.9	877	PASS
441	443	0.01	100	83.2	3470	PASS
442	198	40	100	47.3	21730	PASS
443	442	17	23	19.2	4170	PASS

Form 5

0909

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

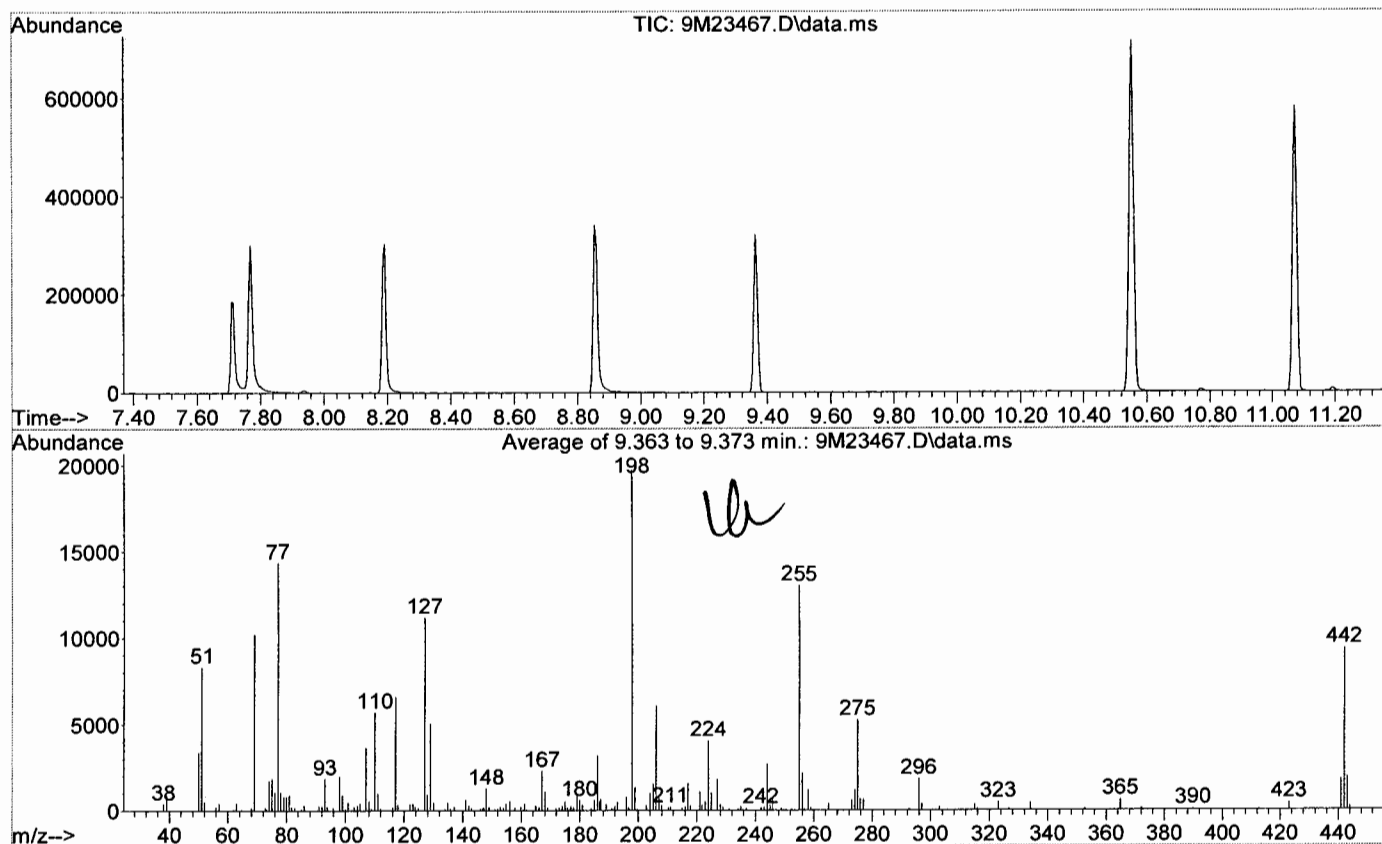
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	42.1	8304	PASS
68	69	0.00	2	1.4	143	PASS
69	198	0.00	100	51.7	10189	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	56.7	11178	PASS
197	198	0.00	1	0.4	79	PASS
198	198	100	100	100.0	19703	PASS
199	198	5	9	6.8	1332	PASS
275	198	10	30	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

0911

Tune Name: CAL DFTPP

Data File: 5M55832.D

Instrument: GCMS 5

Analysis Date: 03/02/10 08:09

Method: EPA 8270C

Tune Scan/Time Range: Average of 10.002 to 10.018 min

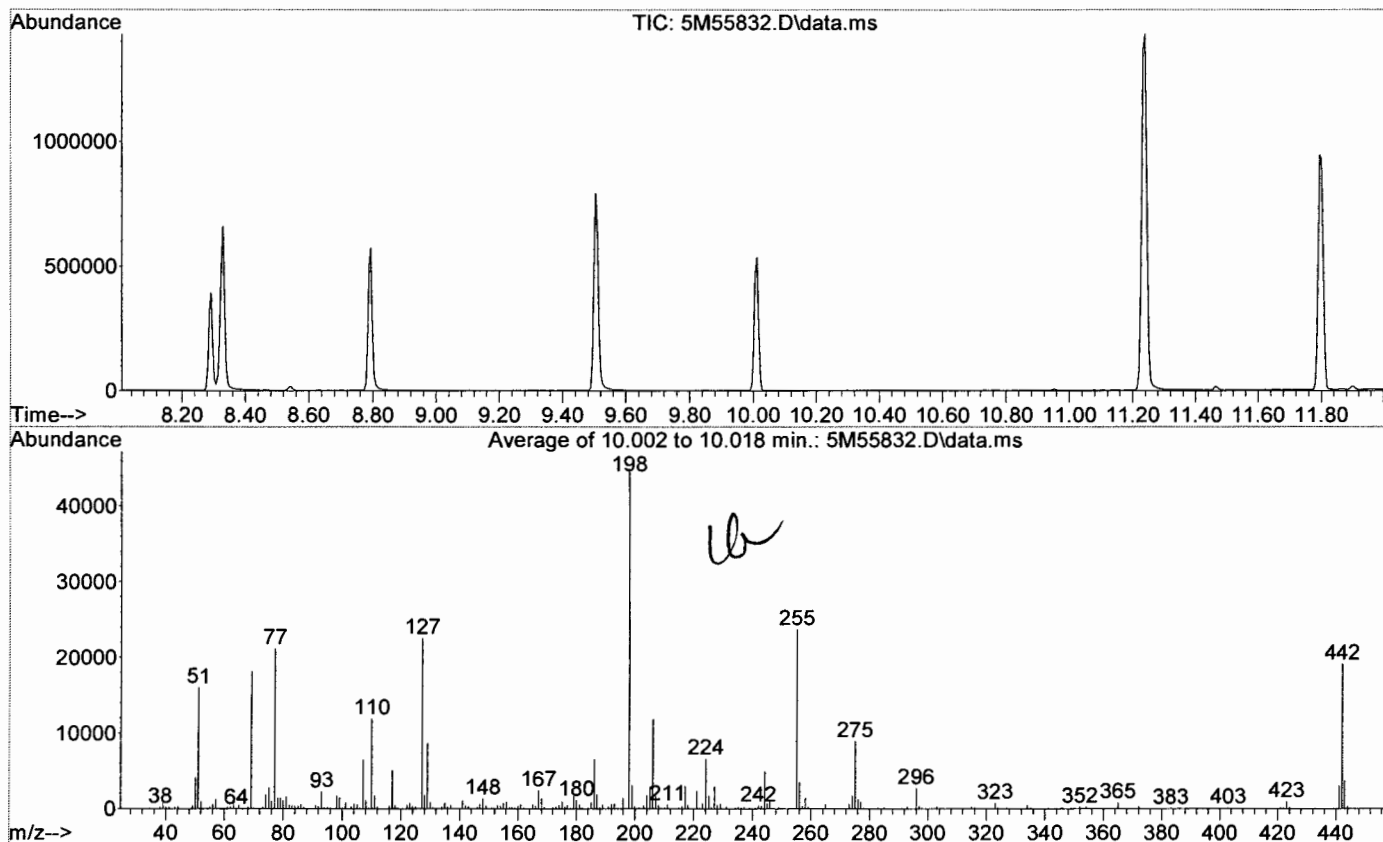
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	35.5	15970	PASS
68	69	0.00	2	1.2	217	PASS
69	198	0.00	100	40.4	18148	PASS
70	69	0.00	2	0.5	100	PASS
127	198	40	60	50.1	22520	PASS
197	198	0.00	1	0.1	38	PASS
198	198	100	100	100.0	44974	PASS
199	198	5	9	6.8	3076	PASS
275	198	10	30	19.8	8919	PASS
365	198	1	100	1.8	796	PASS
441	443	0.01	100	81.4	3000	PASS
442	198	40	100	42.5	19129	PASS
443	442	17	23	19.3	3687	PASS

Data File	Sample Number	Analysis Date:
5M55833.D	BNA@50PPM	03/02/10 08:32
5M55834.D	CAL BNA@50PPM	03/02/10 08:54
5M55835.D	SMB4428	03/02/10 09:16
5M55836.D	SMB4428(MS)	03/02/10 09:38
5M55837.D	AC49985-001	03/02/10 10:00
5M55838.D	AC49985-002	03/02/10 10:22
5M55839.D	AC49985-003	03/02/10 10:44
5M55840.D	AC49985-004	03/02/10 11:06
5M55841.D	AC49985-005(3X)	03/02/10 11:29
5M55842.D	AC50034-003	03/02/10 11:51
5M55843.D	MBS4429-2	03/02/10 12:14
5M55844.D	MBS-3	03/02/10 12:36
5M55845.D	MBS-4	03/02/10 12:58
5M55846.D	AC49985-005(2X)	03/02/10 13:20
5M55847.D	SMB4429(MS)	03/02/10 13:42
5M55848.D	SMB4429	03/02/10 14:05
5M55849.D	AC50025-001(T)	03/02/10 14:27
5M55850.D	WMB4425	03/02/10 14:49
5M55851.D	EF-2 V-81870	03/02/10 15:11
5M55852.D	AC49957-006	03/02/10 15:34
5M55853.D	AC49957-006(MS)	03/02/10 15:57
5M55854.D	AC49957-006(MSD)	03/02/10 16:19
5M55855.D	AC49957-004	03/02/10 16:41
5M55856.D	TEST	03/02/10 17:04
5M55857.D	AC50032-002	03/02/10 17:26
5M55858.D	AC50054-001	03/02/10 17:48
5M55859.D	AC50054-002	03/02/10 18:10

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Data File : 5M55832.D
 Acq On : 2 Mar 2010 8:09
 Operator : AHD
 Sample : CAL DFTPP
 Misc : A,BNA
 ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
 Title : @GCMS_5,mg,625,8270
 Last Update : Mon Mar 01 14:46:26 2010



Spectrum Information: Average of 10.002 to 10.018 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	35.5	15970	PASS
68	69	0.00	2	1.2	217	PASS
69	198	0.00	100	40.4	18148	PASS
70	69	0.00	2	0.5	100	PASS
127	198	40	60	50.1	22520	PASS
197	198	0.00	1	0.1	38	PASS
198	198	100	100	100.0	44974	PASS
199	198	5	9	6.8	3076	PASS
275	198	10	30	19.8	8919	PASS
365	198	1	100	1.8	796	PASS
441	443	0.01	100	81.4	3000	PASS
442	198	40	100	42.5	19129	PASS
443	442	17	23	19.3	3687	PASS

Form 5

0913

Tune Name: CAL DFTPP

Data File: 9M23498.D

Instrument: GCMS 9

Analysis Date: 03/02/10 08:16

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.347 to 9.357 min

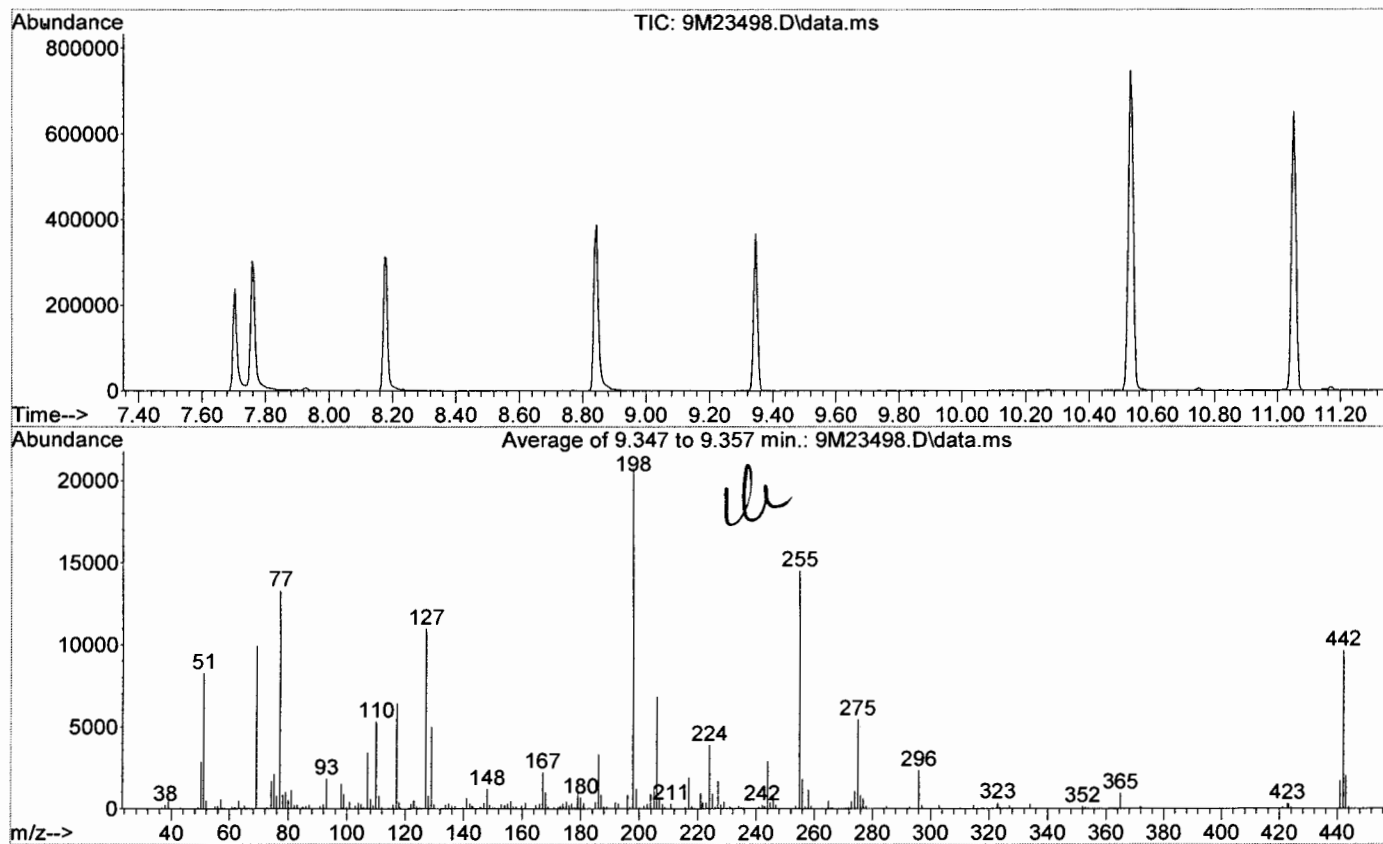
Tgt	Rel	Lo	Hi	Rel	Raw	Pass/
Mass	Mass	Lim	Lim	Abund	Abund	Fail
51	198	30	60	39.8	8249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	47.7	9889	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	52.9	10965	PASS
197	198	0.00	1	0.4	88	PASS
198	198	100	100	100.0	20746	PASS
199	198	5	9	5.7	1185	PASS
275	198	10	30	26.2	5434	PASS
365	198	1	100	4.4	921	PASS
441	443	0.01	100	85.0	1699	PASS
442	198	40	100	46.4	9630	PASS
443	442	17	23	20.8	1999	PASS

Data File	Sample Number	Analysis Date:
9M23499.D	CAL BNA@50PPM	03/02/10 09:06
9M23500.D	AC49987-026	03/02/10 09:29
9M23501.D	AC49987-030	03/02/10 09:52
9M23502.D	AC49987-029(3X)	03/02/10 10:14
9M23503.D	AC50048-002(60X)	03/02/10 10:37
9M23504.D	AC50049-002(60X)	03/02/10 10:59
9M23505.D	AC50049-003(60X)	03/02/10 11:22
9M23506.D	AC50049-004(60X)	03/02/10 11:44
9M23507.D	AC50034-001(3X)	03/02/10 12:07
9M23508.D	AC50034-002(3X)	03/02/10 12:29
9M23509.D	SMB4428	03/02/10 12:52
9M23510.D	SMB4429	03/02/10 13:14
9M23511.D	AC50034-004(2X)	03/02/10 13:37
9M23512.D	AC50034-005(2X)	03/02/10 13:59
9M23513.D	AC50034-001(2X)	03/02/10 14:22
9M23514.D	AC50034-002	03/02/10 14:45
9M23515.D	AC49935-001	03/02/10 15:34
9M23516.D	AC49935-012(3X)	03/02/10 15:57
9M23517.D	AC50034-006(2X)	03/02/10 16:19
9M23518.D	AC50034-007	03/02/10 16:42
9M23519.D	AC49935-001(5X)	03/02/10 17:05
9M23520.D	AC50034-007(20X)	03/02/10 17:27
9M23521.D	AC50034-008(2X)	03/02/10 17:50
9M23522.D	TEST	03/02/10 18:13
9M23523.D	TEST	03/02/10 18:36
9M23524.D	TEST	03/02/10 18:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23498.D
Acq On : 2 Mar 2010 8:16
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 9.347 to 9.357 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	39.8	8249	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	47.7	9889	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	52.9	10965	PASS
197	198	0.00	1	0.4	88	PASS
198	198	100	100	100.0	20746	PASS
199	198	5	9	5.7	1185	PASS
275	198	10	30	26.2	5434	PASS
365	198	1	100	4.4	921	PASS
441	443	0.01	100	85.0	1699	PASS
442	198	40	100	46.4	9630	PASS
443	442	17	23	20.8	1999	PASS

Form 5

0915

Tune Name: CAL DFTPP

Data File: 9M23525.D

Instrument: GCMS 9

Analysis Date: 03/03/10 09:01

Method: EPA 8270C

Tune Scan/Time Range: Average of 9.347 to 9.357 min

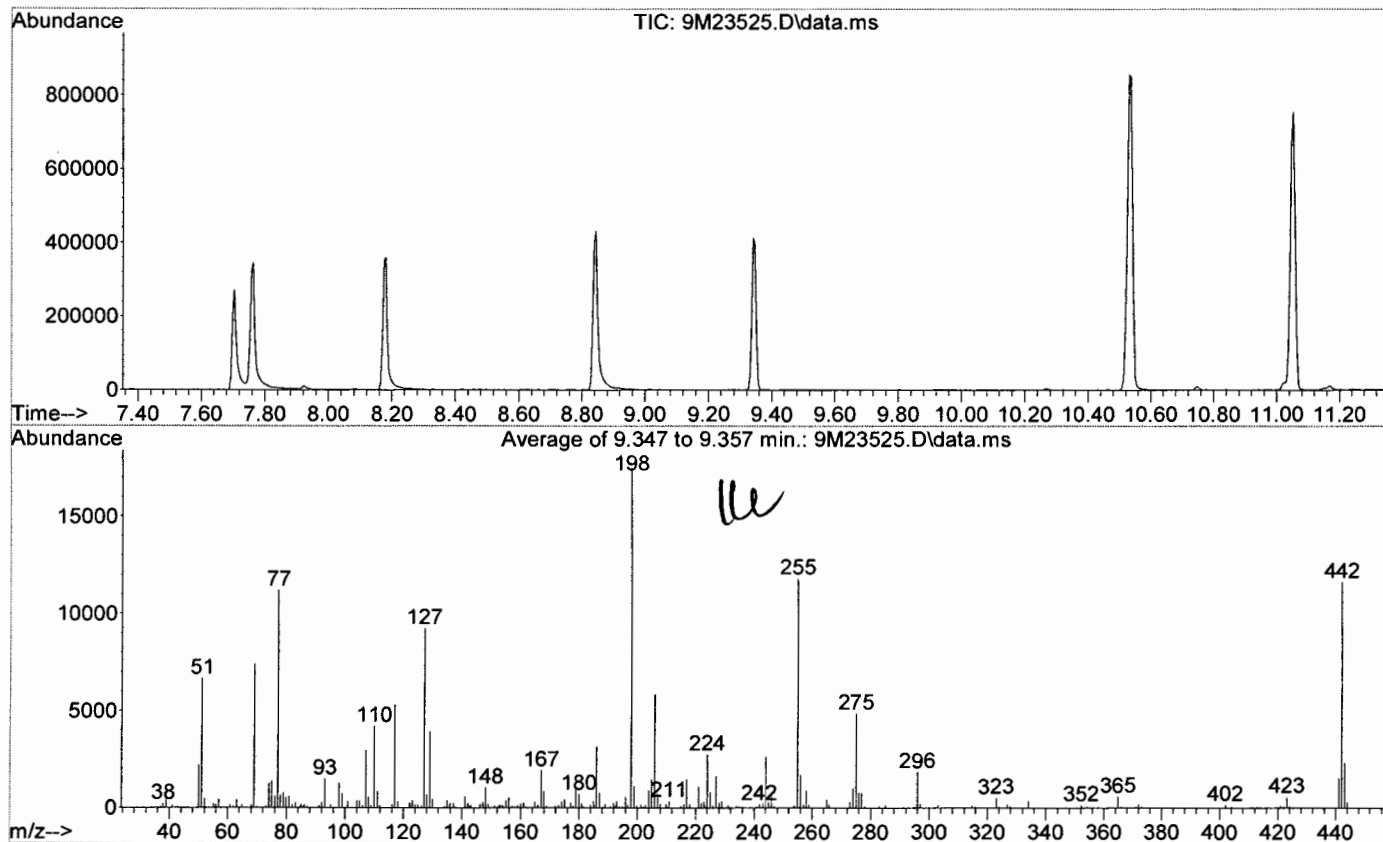
Tgt Mass	Rel Mass	Lo Lim	Hi Lim	Rel Abund	Raw Abund	Pass/ Fail
51	198	30	60	38.0	6659	PASS
68	69	0.00	2	1.9	140	PASS
69	198	0.00	100	42.3	7406	PASS
70	69	0.00	2	0.7	51	PASS
127	198	40	60	52.7	9223	PASS
197	198	0.00	1	0.7	123	PASS
198	198	100	100	100.0	17516	PASS
199	198	5	9	6.2	1090	PASS
275	198	10	30	27.8	4861	PASS
365	198	1	100	3.3	573	PASS
441	443	0.01	100	66.1	1530	PASS
442	198	40	100	66.3	11621	PASS
443	442	17	23	19.9	2313	PASS

Data File	Sample Number	Analysis Date:
9M23526.D	CAL BNA@50PPM	03/03/10 10:11
9M23527.D	SMB4430	03/03/10 10:34
9M23528.D	AC50047-001(2X)	03/03/10 10:56
9M23529.D	AC50047-003	03/03/10 11:19
9M23530.D	AC50047-004	03/03/10 11:42
9M23531.D	WMB4425	03/03/10 12:05
9M23532.D	AC50057-001	03/03/10 12:28
9M23533.D	AC50047-005	03/03/10 12:50
9M23534.D	AC50047-013	03/03/10 13:13
9M23535.D	AC50047-015	03/03/10 13:36
9M23536.D	AC50047-016	03/03/10 13:59
9M23537.D	SMB4431	03/03/10 14:21
9M23538.D	WMB4425	03/03/10 14:44
9M23539.D	WMB4426	03/03/10 15:07
9M23540.D	AC50047-011	03/03/10 15:30
9M23541.D	AC50047-009(3X)	03/03/10 15:52
9M23542.D	AC50047-007(2X)	03/03/10 16:15
9M23543.D	AC50012-007(5X)	03/03/10 16:40
9M23544.D	AC50018-003(5X)	03/03/10 17:03
9M23545.D	AC50047-014	03/03/10 17:25
9M23546.D	AC50034-007(5X)	03/03/10 17:48
9M23547.D	AC50034-007(10X)	03/03/10 18:11
9M23548.D	AC50012-009(10X)	03/03/10 18:34
9M23549.D	AC50012-010(10X)	03/03/10 18:57
9M23550.D	AC50012-007(15X)	03/03/10 19:19
9M23551.D	AC50047-009(2X)	03/03/10 19:42
9M23552.D	AC50075-004(2X)	03/03/10 20:05
9M23553.D	TEST	03/03/10 20:28
9M23554.D	TEST	03/03/10 20:50
9M23555.D	TEST	03/03/10 21:13

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-03-10\
 Data File : 9M23525.D
 Acq On : 3 Mar 2010 9:01
 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 9.347 to 9.357 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	38.0	6659	PASS
68	69	0.00	2	1.9	140	PASS
69	198	0.00	100	42.3	7406	PASS
70	69	0.00	2	0.7	51	PASS
127	198	40	60	52.7	9223	PASS
197	198	0.00	1	0.7	123	PASS
198	198	100	100	100.0	17516	PASS
199	198	5	9	6.2	1090	PASS
275	198	10	30	27.8	4861	PASS
365	198	1	100	3.3	573	PASS
441	443	0.01	100	66.1	1530	PASS
442	198	40	100	66.3	11621	PASS
443	442	17	23	19.9	2313	PASS

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4428

Client Id:

Data File: 5M55835.D

Analysis Date: 03/02/10 09:16

Date Rec/Extracted: NA-03/01/10

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 #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB4428	Matrix: Soil
Client Id:	Initial Vol: 30g
Data File: 5M55835.D	Final Vol: 1ml
Analysis Date: 03/02/10 09:16	Dilution: 1
Date Rec/Extracted: NA-03/01/10	Solids: 100
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	3.73	0.64 JA
2		unknown	4.01	1.1 J
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.35	81 JA
4		unknown	5.00	0.34 J
5	5131-66-8	2-Propanol, 1-butoxy-	5.21	0.15 J
6	108-67-8	Benzene, 1,3,5-trimethyl-	5.65	0.14 J
7		unknown	6.77	0.27 J

Worksheet #: 144328

Total Tentatively Identified Concentration 84*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.*

SampleID : SMB4428
 Data File: 5M55835.D
 Acq On : 03/ 2/10 09:16

Operator : AHD
 Sam Mult : 1 Vial# : 3
 Misc : S,BNA

Qt Meth : 5M_0301.M
 Qt On : 03/02/10 09:51
 Qt Upd On: 03/01/10 15:19

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSData\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	46541	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	185115	40.00	ng	0.00
47) Acenaphthene-d10	8.244	164	109335	40.00	ng	0.00
73) Phenanthrene-d10	9.713	188	194410	40.00	ng	0.00
87) Chrysene-d12	12.774	240	156095	40.00	ng	0.00
102) Perylene-d12	14.398	264	138213	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.601	112	134833	80.85	ng	0.01
Spiked Amount 100.000			Recovery =	80.85%		
15) Phenol-d5	5.477	99	214112	92.68	ng	0.00
Spiked Amount 100.000			Recovery =	92.68%		
30) Nitrobenzene-d5	6.251	128	41129	52.00	ng	0.00
Spiked Amount 50.000			Recovery =	104.00%		
52) 2-Fluorobiphenyl	7.651	172	180588	50.11	ng	0.00
Spiked Amount 50.000			Recovery =	100.22%		
76) 2,4,6-Tribromophenol	8.987	330	32695	107.95	ng	0.00
Spiked Amount 100.000			Recovery =	107.95%		
90) Terphenyl-d14	11.524	244	235569	54.77	ng	0.00
Spiked Amount 50.000			Recovery =	109.54%		

Target Compounds

Qvalue

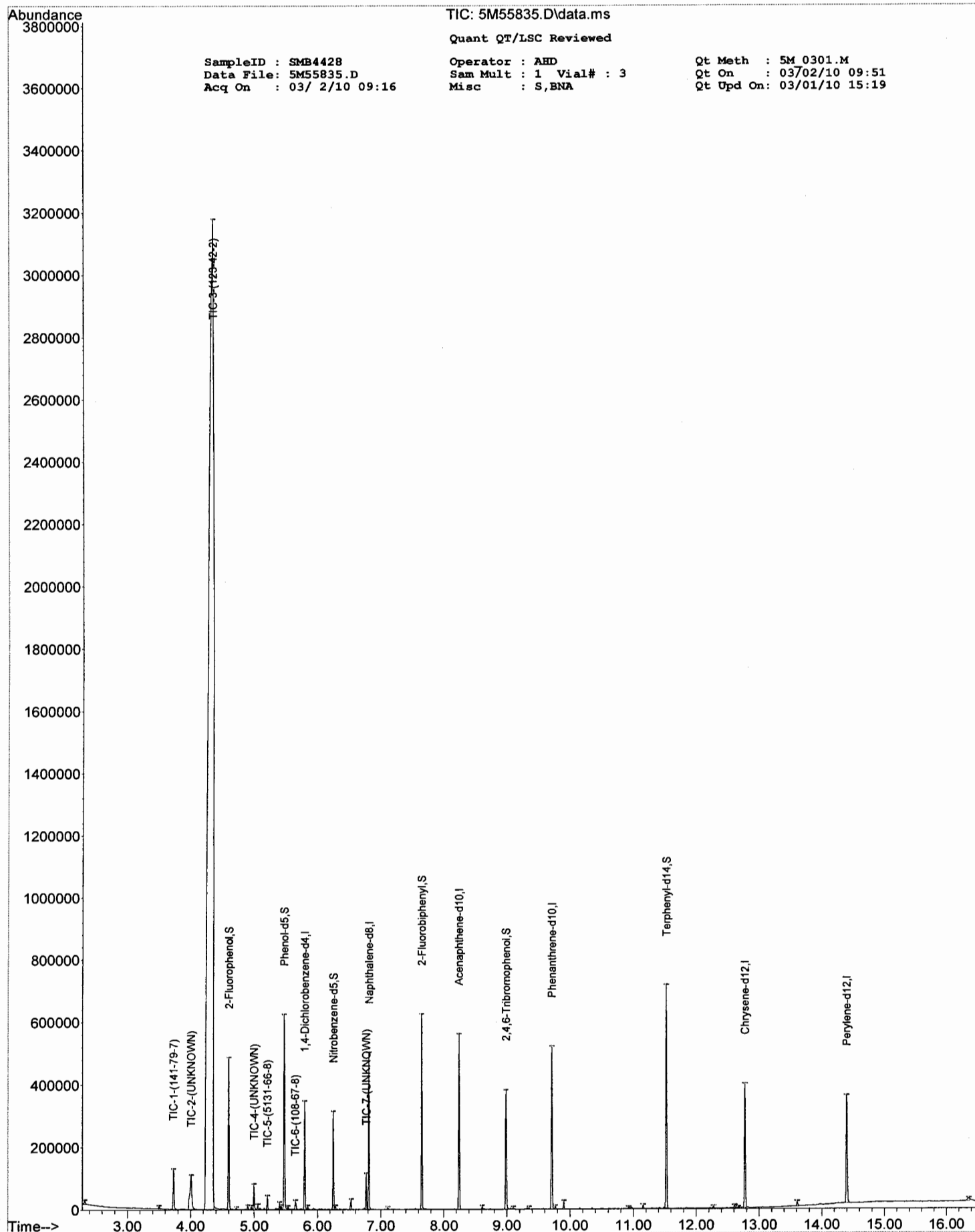
Library Search Internal Standards TIC Results

1) 1,4-Dichlorobenzene-d4	5.797	279277	40.00	ng	--
2) Naphthalene-d8	6.812	394016	40.00	ng	--
3) Acenaphthene-d10	8.244	474188	40.00	ng	--
4) Phenanthrene-d10	9.713	514042	40.00	ng	--
5) Chrysene-d12	12.774	415335	40.00	ng	--
6) Perylene-d12	14.398	430566	40.00	ng	--

Library Search Compounds

1) 141-79-7	3.730	135041	19.34	ng	91
2) UNKNOWN	4.010	229976	32.94	ng	--
3) 123-42-2	4.350	16902948	2420.96	ng	74
4) UNKNOWN	5.000	70529	10.10	ng	--
5) 5131-66-8	5.210	31362	4.49	ng	90
6) 108-67-8	5.650	29917	4.28	ng	97
7) UNKNOWN	6.770	80537	8.18	ng	--

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



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Data File : 5M55835.D
 Acq On : 2 Mar 2010 9:16
 Operator : AHD
 Sample : SMB4428
 Misc : S,BNA
 ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.05

Stop Thrs : 0

Filtering: 5

Min Area: 500 Area counts

Max Peaks: 250

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M

Title : @GCMS_5,mg,625,8270

Signal : TIC: 5M55835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.325	4	8	15	rVB3	10100	13844	0.08%	0.060%
2	3.500	224	228	233	rVB2	6956	8224	0.05%	0.036%
3	3.730	267	271	281	rBV	126443	135041	0.80%	0.585%
4	4.008	314	323	336	rBV	107098	229976	1.36%	0.996%
5	4.350	362	387	390	rBV	3175264	16902948	100.00%	73.196%
6	4.601	429	434	442	rBV	482694	459702	2.72%	1.991%
7	4.718	453	456	464	rVB	5091	5647	0.03%	0.024%
8	4.900	487	490	495	rBV	11477	10457	0.06%	0.045%
9	4.959	498	501	505	rVB	9800	7816	0.05%	0.034%
10	4.996	505	508	517	rBV	78226	70529	0.42%	0.305%
11	5.060	517	520	524	rVV	13208	9475	0.06%	0.041%
12	5.210	545	548	552	rBV	41175	31362	0.19%	0.136%
13	5.402	581	584	587	rBV	19585	14915	0.09%	0.065%
14	5.429	587	589	592	rVB	11458	7619	0.05%	0.033%
15	5.477	592	598	607	rBV	621415	557649	3.30%	2.415%
16	5.536	607	609	613	rVB	7483	6387	0.04%	0.028%
17	5.653	625	631	636	rBV2	26379	29917	0.18%	0.130%
18	5.797	655	658	665	rBV	344378	280291	1.66%	1.214%
19	5.845	665	667	672	rVB2	9281	8375	0.05%	0.036%
20	6.251	739	743	747	rBV	310253	263322	1.56%	1.140%
21	6.283	747	749	753	rVB	9524	6741	0.04%	0.029%
22	6.529	790	795	800	rBV2	30001	30161	0.18%	0.131%
23	6.770	836	840	843	rBV	111316	80537	0.48%	0.349%
24	6.812	844	848	855	rVB	499023	390057	2.31%	1.689%
25	7.111	901	904	911	rVB	5073	4907	0.03%	0.021%
26	7.651	1002	1005	1009	rBV	619374	524699	3.10%	2.272%
27	8.244	1112	1116	1120	rBV	558481	471463	2.79%	2.042%
28	8.607	1181	1184	1187	rBV	8882	7382	0.04%	0.032%
29	8.987	1250	1255	1266	rVB	379107	372039	2.20%	1.611%
30	9.099	1272	1276	1278	rBV3	5030	5050	0.03%	0.022%
31	9.350	1320	1323	1326	rVB2	4960	4657	0.03%	0.020%
32	9.713	1386	1391	1395	rBV	518237	513502	3.04%	2.224%
33	9.767	1399	1401	1408	rVB	8640	9016	0.05%	0.039%
34	9.900	1422	1426	1430	rVB	24516	20036	0.12%	0.087%
35	10.926	1614	1618	1621	rBV4	3475	4796	0.03%	0.021%

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.05

Stop Thrs : 0

Filtering: 5

Min Area: 500 Area counts

Max Peaks: 250

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M

Title : @GCMS_5,mg,625,8270

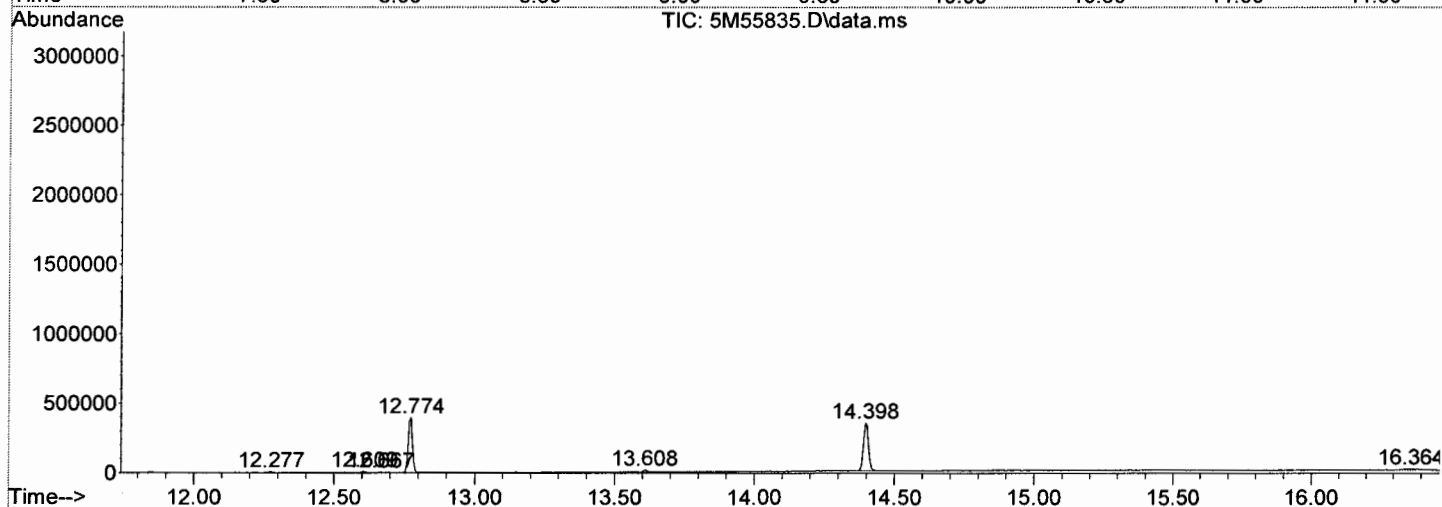
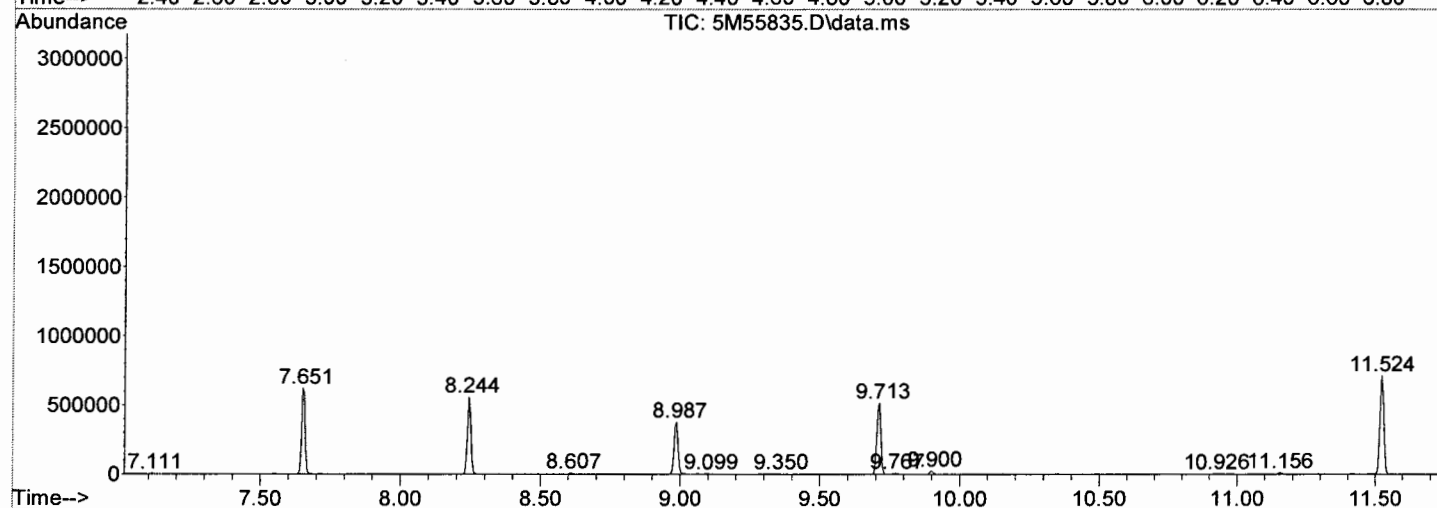
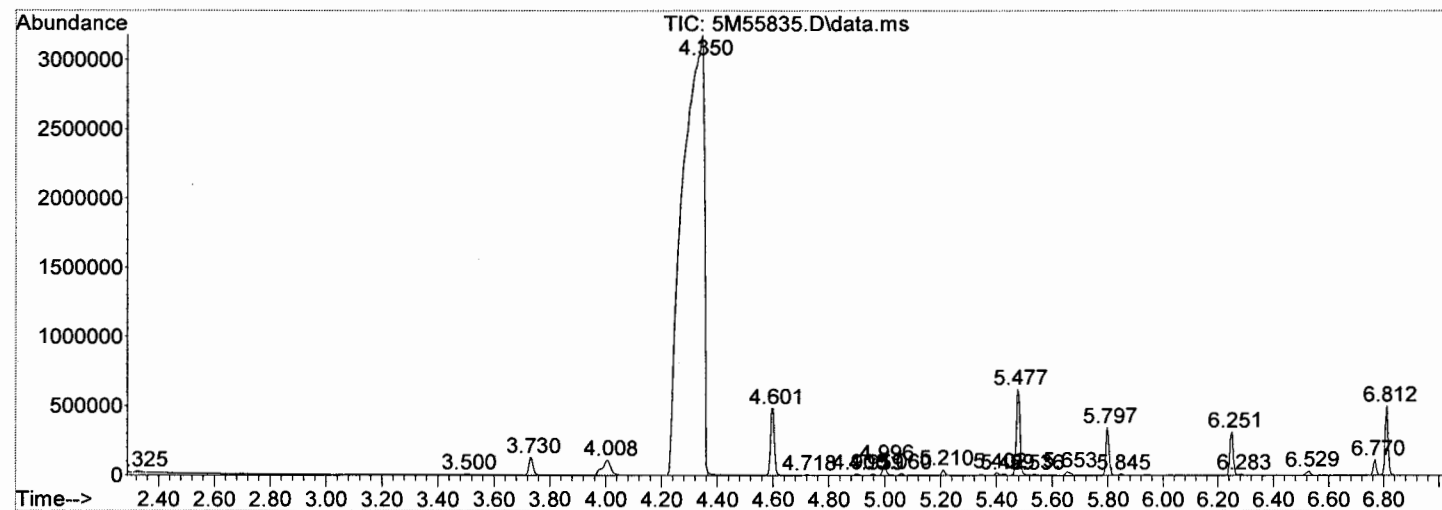
36	11.156	1656	1661	1664	rBV	10401	9270	0.05%	0.040%
37	11.524	1725	1730	1735	rBV	713059	686025	4.06%	2.971%
38	12.277	1863	1871	1875	rBV2	5723	7258	0.04%	0.031%
39	12.609	1929	1933	1936	rBV	7246	7019	0.04%	0.030%
40	12.667	1938	1944	1947	rBV5	3050	5105	0.03%	0.022%
41	12.774	1958	1964	1970	rBV	395560	415335	2.46%	1.799%
42	13.608	2116	2120	2126	rBV	14723	16970	0.10%	0.073%
43	14.398	2262	2268	2276	rBV	343204	424435	2.51%	1.838%
44	16.364	2627	2636	2639	rBV8	8347	22609	0.13%	0.098%

Sum of corrected areas: 23092565

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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



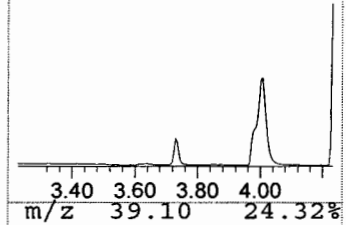
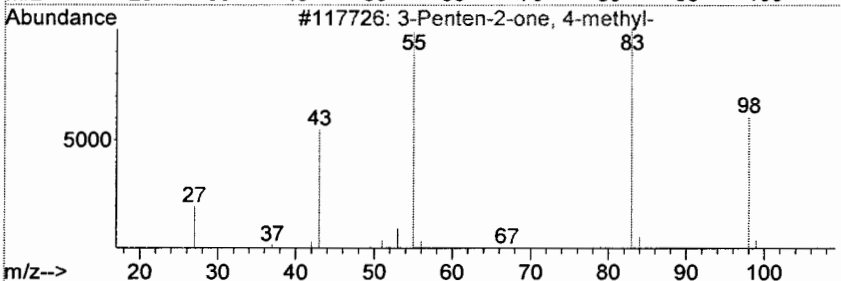
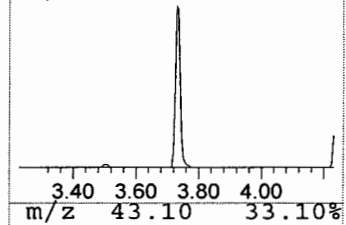
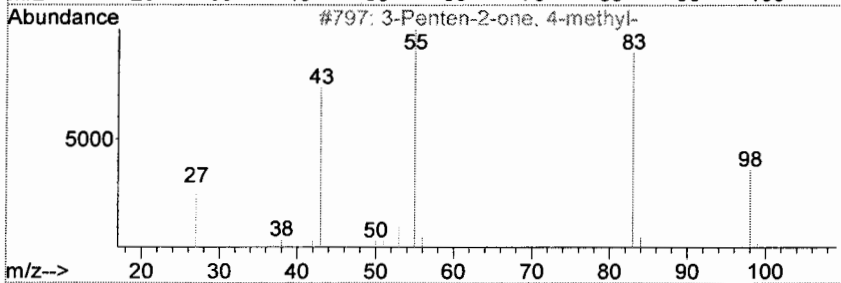
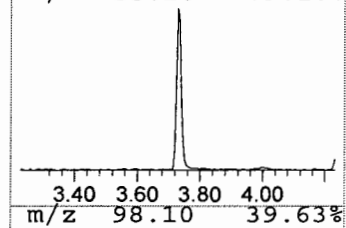
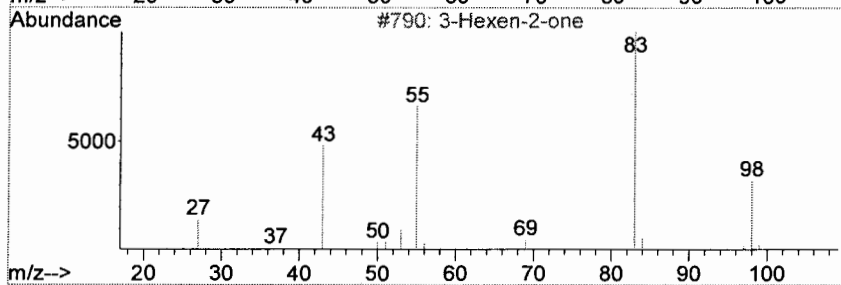
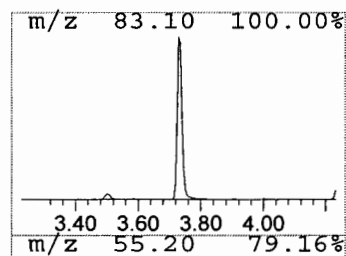
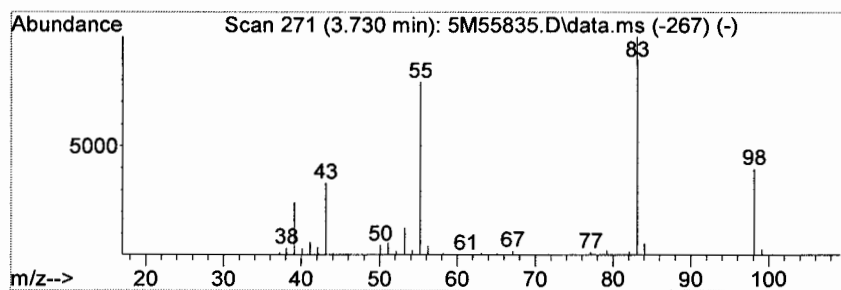
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Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.73	19.34 ng	135041	LibIS-1,4-Dichlorobenzene-d4	5.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91



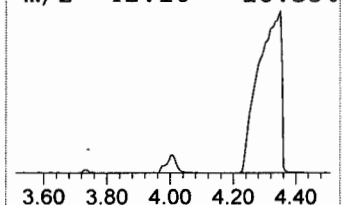
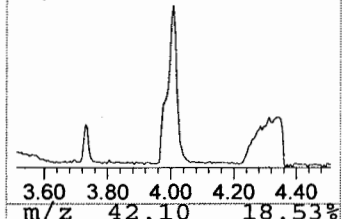
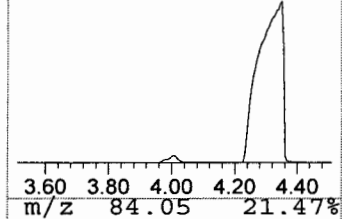
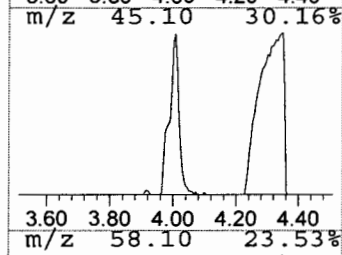
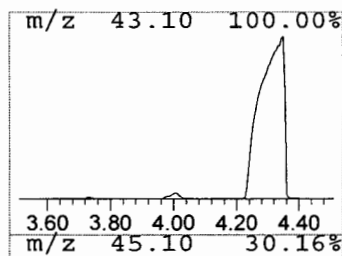
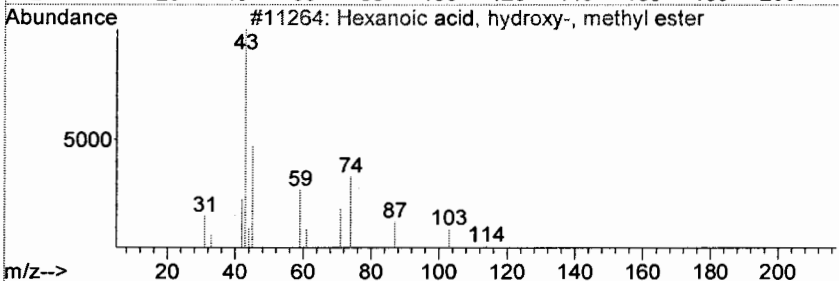
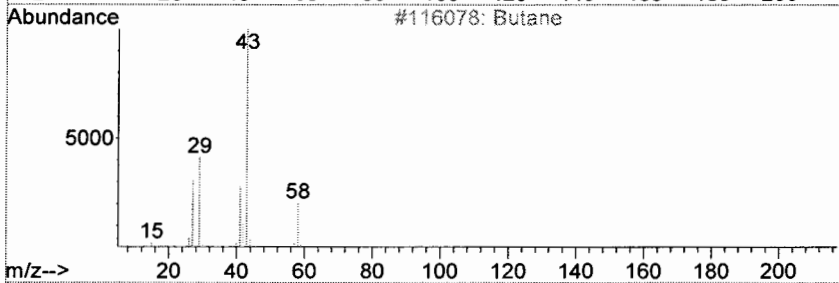
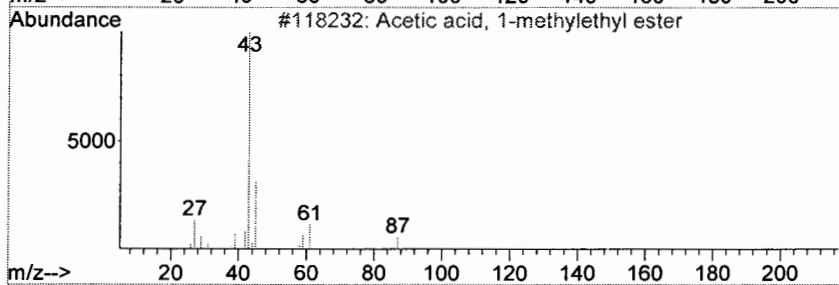
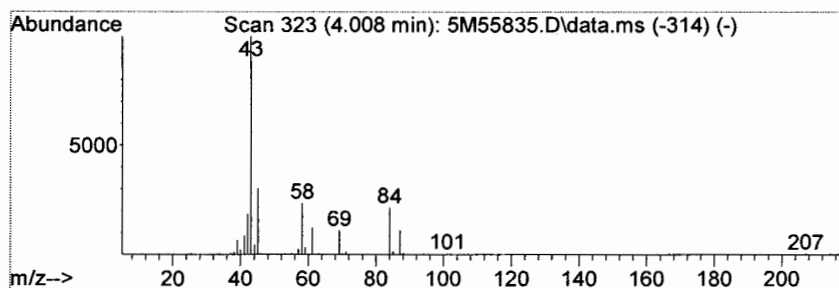
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Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 2 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.01	32.94 ng	229976	LibIS-1,4-Dichlorobenzene-d4	5.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	38
2	Butane	58	C4H10	000106-97-8	27
3	Hexanoic acid, hydroxy-, methyl ...	146	C7H14O3	059942-11-9	17
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	9
5	2-Propanone	58	C3H6O	000067-64-1	9



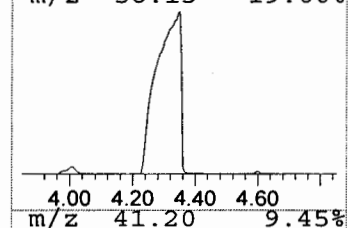
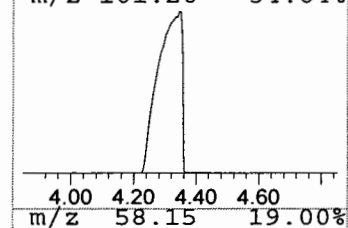
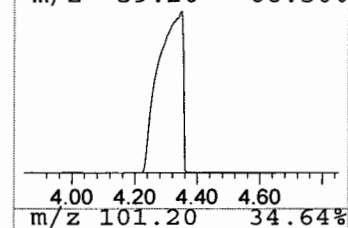
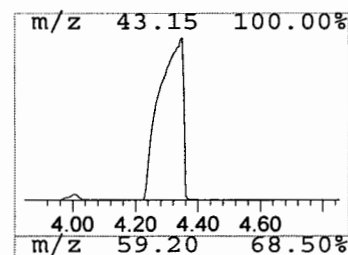
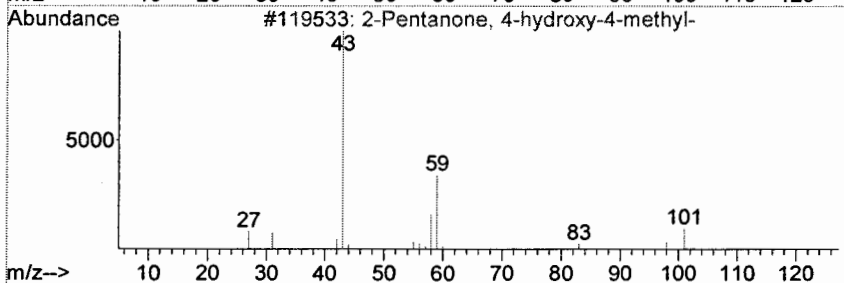
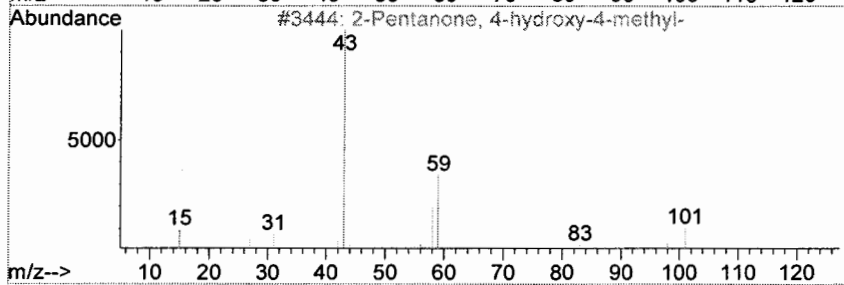
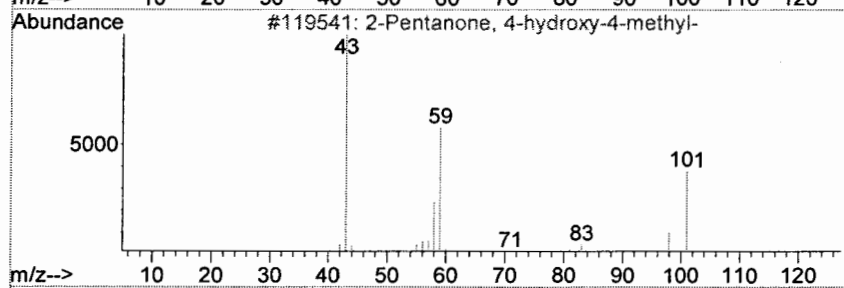
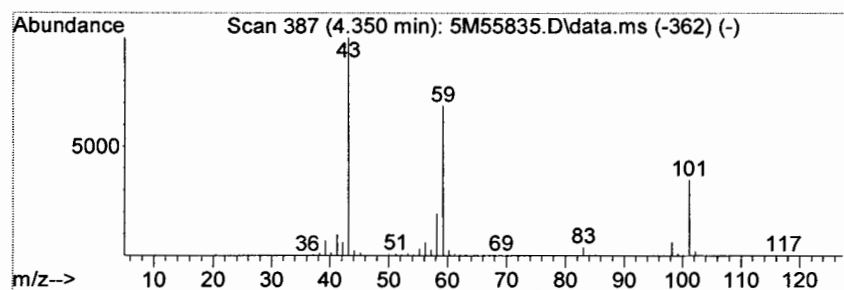
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Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,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.	
4.35	2420.96 ng	16902948	LibIS-1,4-Dichlorobenzene-d4	5.80	
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	53
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	50



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

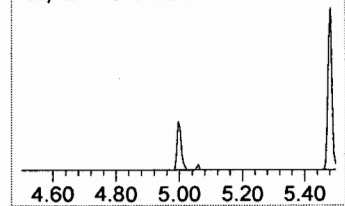
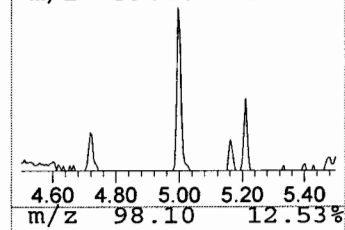
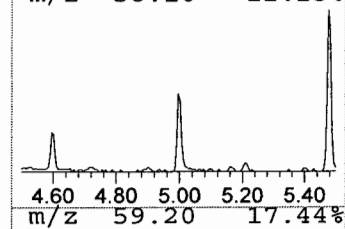
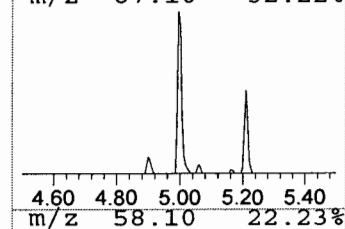
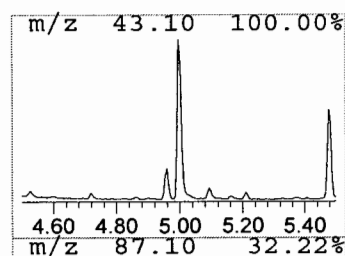
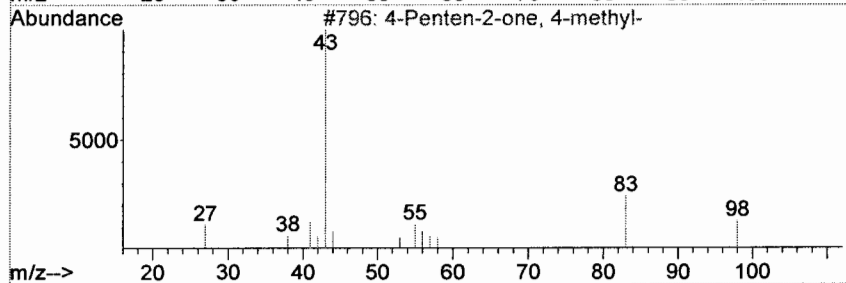
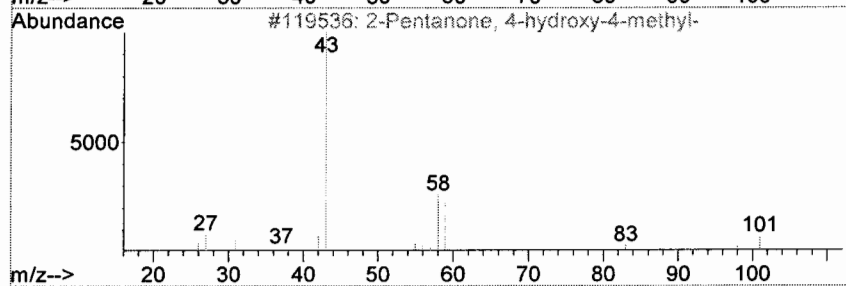
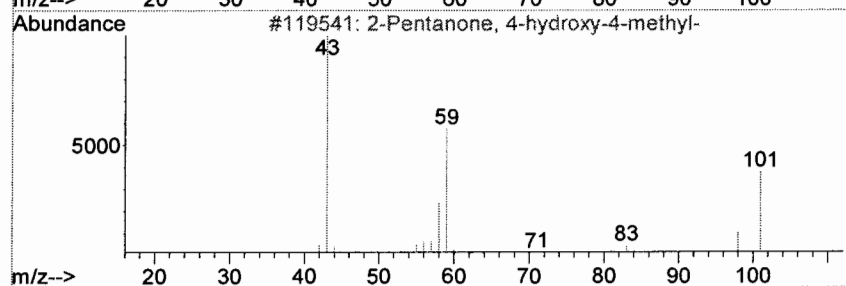
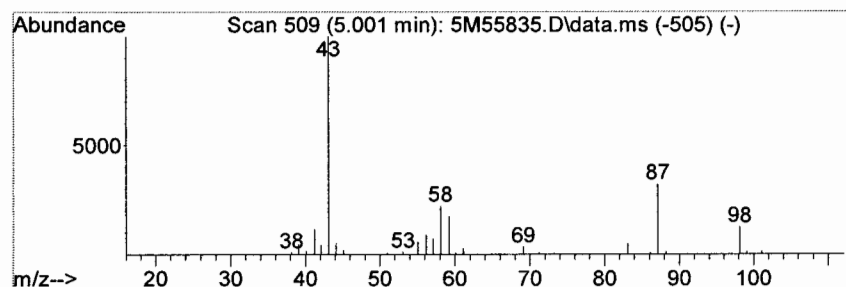
Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 4 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.10 ng	70529	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
3			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	22
4			2-Propanone	58	C3H6O	000067-64-1	9
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

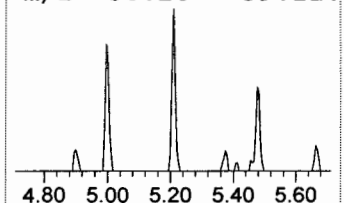
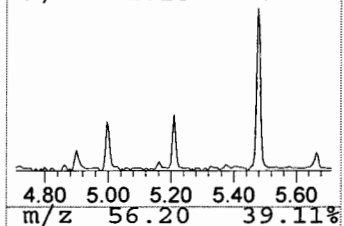
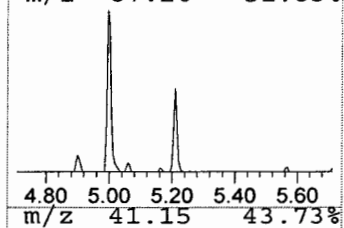
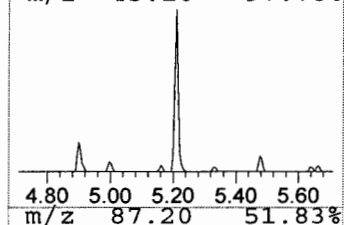
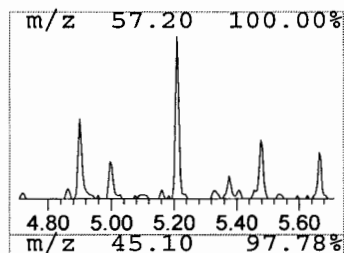
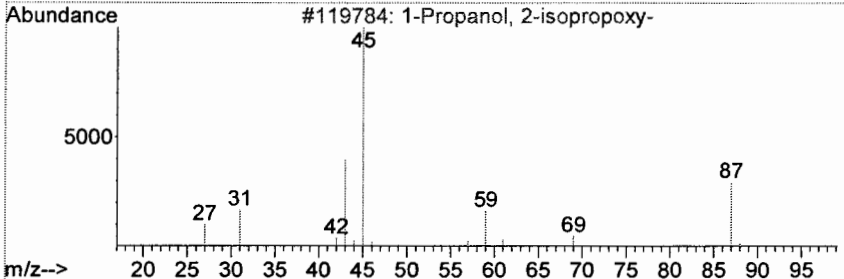
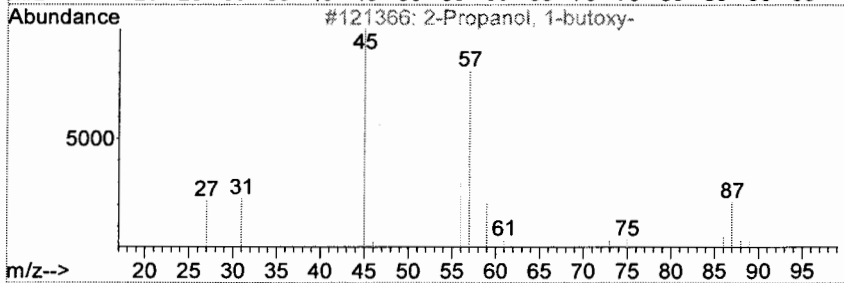
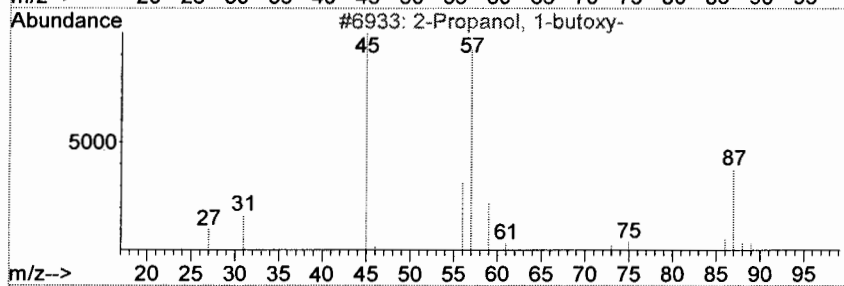
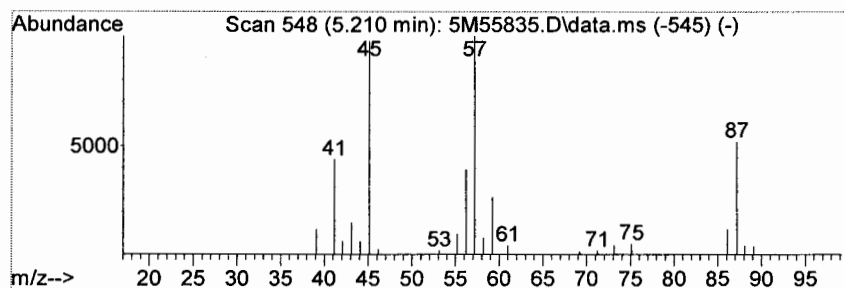
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Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 5 2-Propanol, 1-butoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	4.49 ng	31362	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	90
2	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	78
3	1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	50
4	1-Propanol, 2-isopropoxy-	118	C6H14O2	003944-37-4	50
5	2-Butanol, 3,3-dimethyl-	102	C6H14O	000464-07-3	43



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

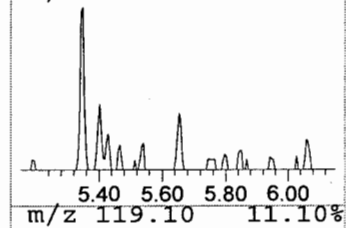
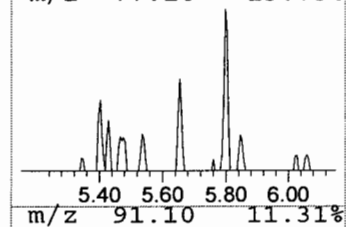
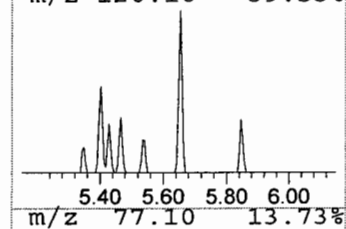
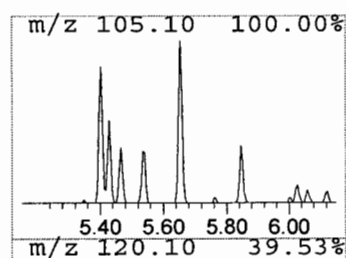
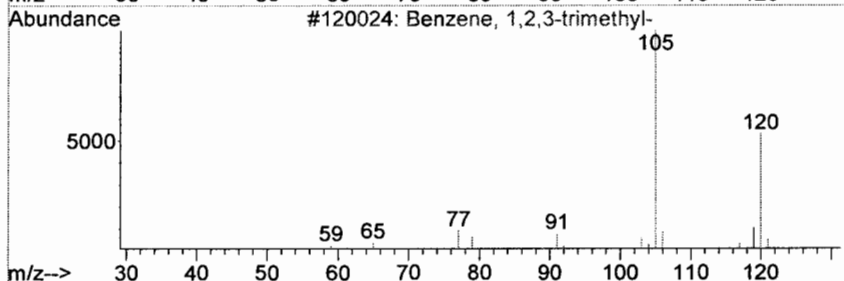
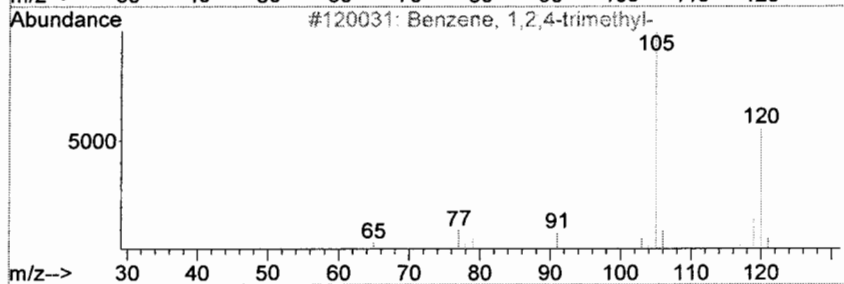
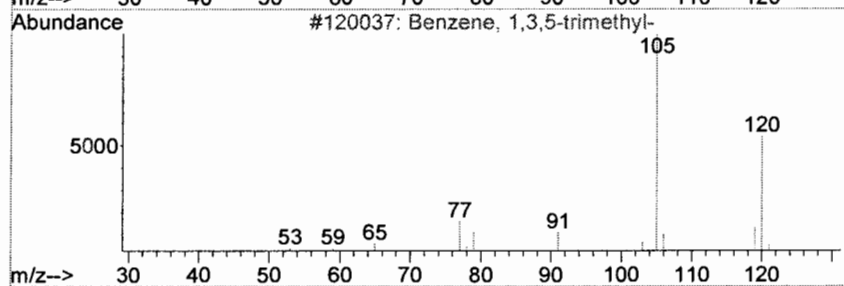
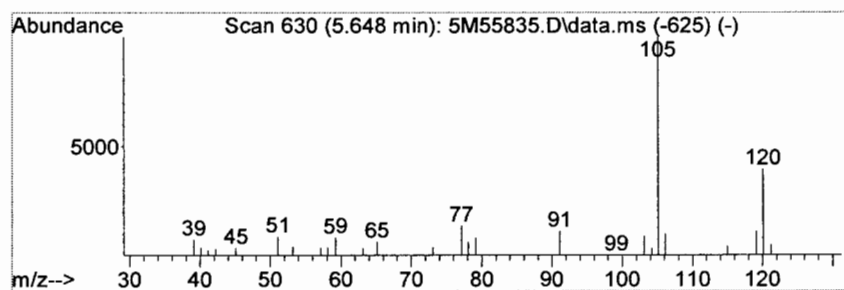
Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 6 Benzene, 1,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	4.28 ng	29917	LibIS-1,4-Dichlorobenzene-d4	5.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95



Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Data File : 5M55835.D
Acq On : 2 Mar 2010 9:16
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 3 Sample Multiplier: 1

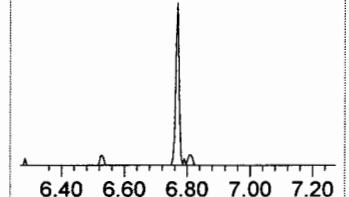
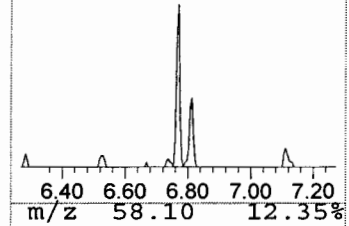
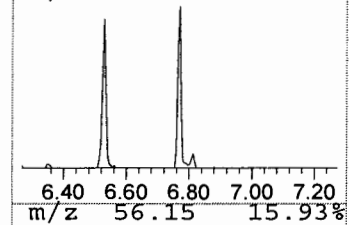
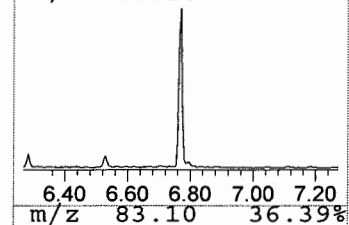
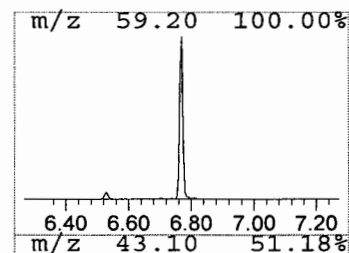
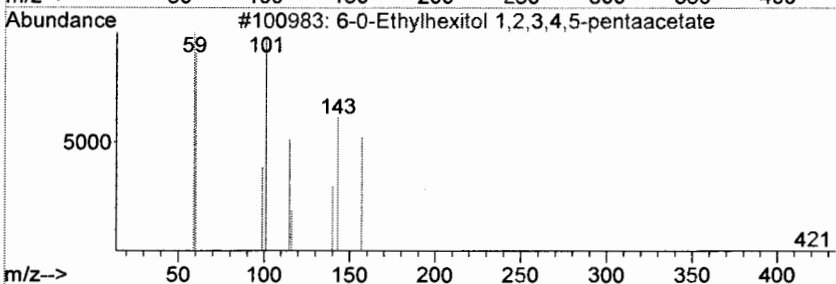
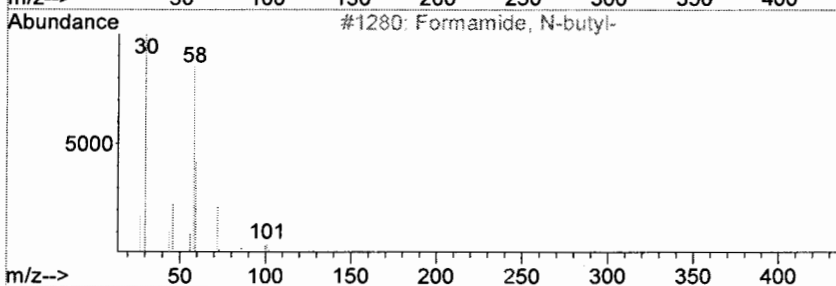
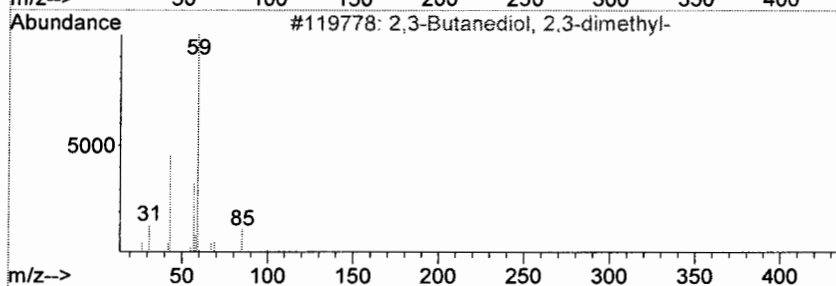
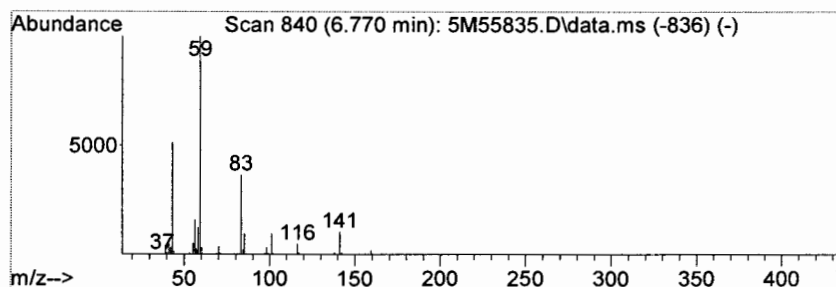
Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
Quant Title : @GCMS_5,mg,625,8270

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

Peak Number 7 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	8.18 ng	80537	LibIS-Naphthalene-d8	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	40
2	Formamide, N-butyl-	101	C5H11NO	000871-71-6	40
3	6-0-Ethylhexitol 1,2,3,4,5-penta...	420	C18H27DO11	000000-00-0	38
4	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	36
5	3-Pentanol	88	C5H12O	000584-02-1	28



Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
 Data File : 5M55835.D
 Acq On : 2 Mar 2010 9:16
 Operator : AHD
 Sample : SMB4428
 Misc : S,BNA
 ALS Vial : 3 Sample Multiplier: 1

Quant Method : G:\GCMSDATA\2010\GCMS_5\METHODQT\5M_0301.M
 Quant Title : @GCMS_5,mg,625,8270

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

TIC Top Hit name	RT	EstConc	Units	Response	-----Internal Standard-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	3.73	19.3	ng	135041	1	5.80	5.80	279277	40.0
unknown	4.01	32.9	ng	229976	1	5.80	5.80	279277	40.0
2-Pentanone, 4-hy...	4.35	2421.0	ng	16902948	1	5.80	5.80	279277	40.0
unknown	5.00	10.1	ng	70529	1	5.80	5.80	279277	40.0
2-Propanol, 1-but...	5.21	4.5	ng	31362	1	5.80	5.80	279277	40.0
Benzene, 1,3,5-tr...	5.65	4.3	ng	29917	1	5.80	5.80	279277	40.0
unknown	6.77	8.2	ng	80537	2	6.81	6.81	394016	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4428

Client Id:

Data File: 9M23509.D

Analysis Date: 03/02/10 12:52

Date Rec/Extracted: NA-03/01/10

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	Benzdine	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 #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB4428	Matrix: Soil
Client Id:	Initial Vol: 30g
Data File: 9M23509.D	Final Vol: 1ml
Analysis Date: 03/02/10 12:52	Dilution: 1
Date Rec/Extracted: NA-03/01/10	Solids: 100
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.90	0.48 JA
2		unknown	3.33	0.47 J
3	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.74	140 JA
4		unknown	4.45	0.22 J
5		unknown	6.26	0.23 J

Worksheet #: 144328

Total Tentatively Identified Concentration 140*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.*

SampleID : SMB4428
 Data File: 9M23509.D
 Acq On : 03/ 2/10 12:52

Operator : AHD
 Sam Mult : 1 Vial# : 12
 Misc : S,BNA

Qt Meth : 9M_0301.M
 Qt On : 03/02/10 13:55
 Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	22527	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	84162	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	48604	40.00	ng	-0.01
73) Phenanthrene-d10	9.031	188	77762	40.00	ng	-0.01
87) Chrysene-d12	12.042	240	63975	40.00	ng	-0.02
102) Perylene-d12	13.642	264	65191	40.00	ng	-0.02

System Monitoring Compounds

10) 2-Fluorophenol	4.019	112	59946	98.97	ng	0.01
Spiked Amount 100.000			Recovery	=	98.97%	
15) Phenol-d5	4.977	99	79020	100.04	ng	0.00
Spiked Amount 100.000			Recovery	=	100.04%	
30) Nitrobenzene-d5	5.731	128	18135	51.41	ng	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
52) 2-Fluorobiphenyl	7.095	172	82557	49.65	ng	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
76) 2,4,6-Tribromophenol	8.346	330	14871	102.88	ng	-0.01
Spiked Amount 100.000			Recovery	=	102.88%	
90) Terphenyl-d14	10.817	244	99022	53.95	ng	-0.01
Spiked Amount 50.000			Recovery	=	107.90%	

Target Compounds

Qvalue

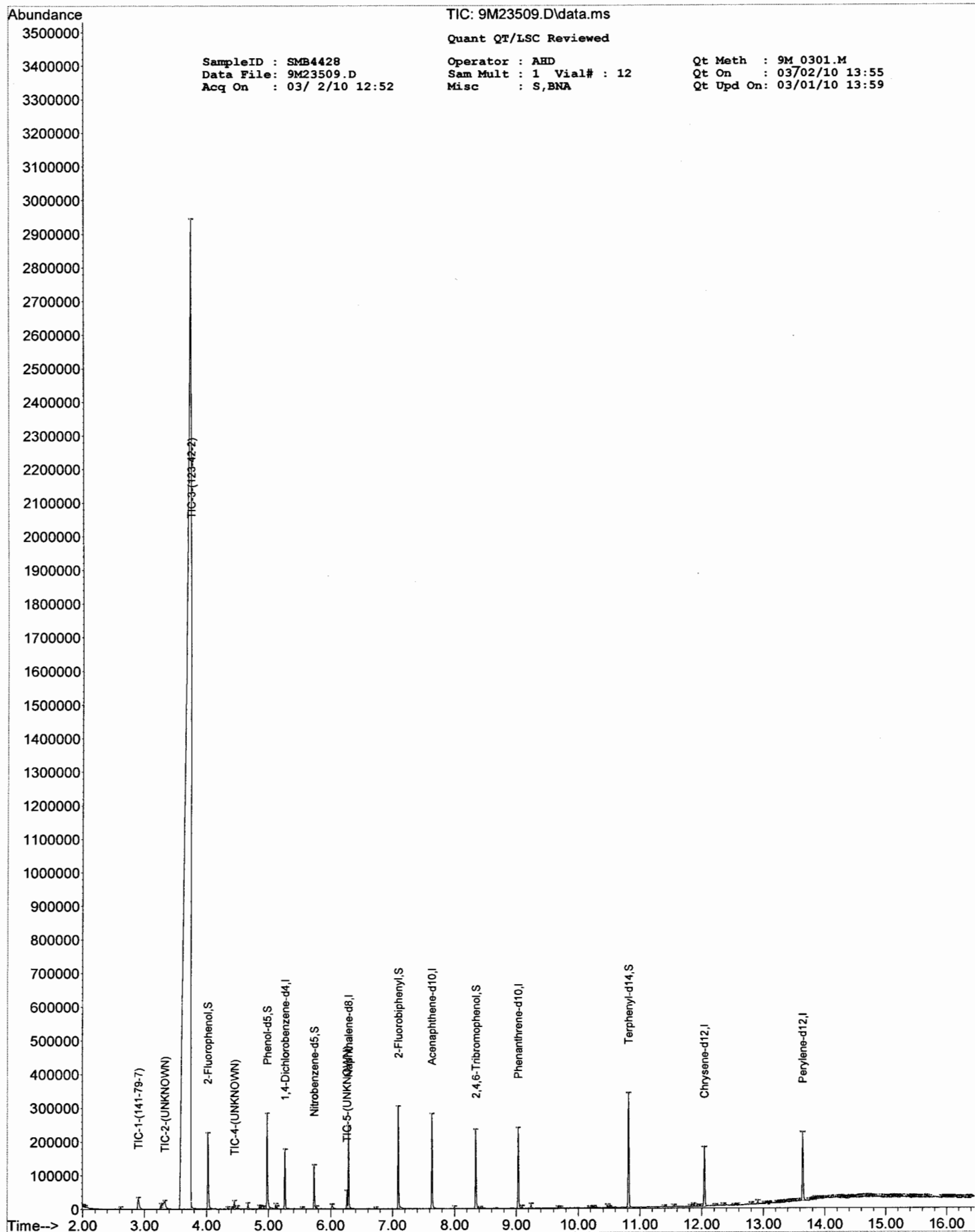
Library Search Internal Standards TIC Results

1) 1,4-Dichlorobenzene-d4	5.266	148733	40.00	ng	--
2) Naphthalene-d8	6.282	195623	40.00	ng	--
3) Acenaphthene-d10	7.635	221929	40.00	ng	--
4) Phenanthrene-d10	9.031	230603	40.00	ng	--
5) Chrysene-d12	12.042	193188	40.00	ng	--
6) Perylene-d12	13.642	226697	40.00	ng	--

Library Search Compounds

1) 141-79-7	2.900	53899	14.50	ng	91
2) UNKNOWN	3.330	52914	14.23	ng	--
3) 123-42-2	3.740	15554467	4183.19	ng	56
4) UNKNOWN	4.450	25026	6.73	ng	--
5) UNKNOWN	6.260	33190	6.79	ng	--

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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23509.D
 Acq On : 2 Mar 2010 12:52
 Operator : AHD
 Sample : SMB4428
 Misc : S,BNA
 ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs : 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.014	3	5	8	rVV4	4369	3359	0.02%	0.018%
2	2.046	8	11	12	rVB3	2829	2471	0.02%	0.013%
3	2.618	111	118	120	rBV3	3145	4353	0.03%	0.023%
4	2.901	167	171	184	rVB	30695	53899	0.35%	0.287%
5	3.271	236	240	241	rBV	13106	14657	0.09%	0.078%
6	3.329	245	251	261	rVB4	21171	52914	0.34%	0.282%
7	3.736	294	327	330	rBV	2940829	15554467	100.00%	82.893%
8	4.019	377	380	389	rBV	222398	208772	1.34%	1.113%
9	4.340	436	440	443	rBV2	3865	3807	0.02%	0.020%
10	4.404	449	452	457	rBV2	2825	4063	0.03%	0.022%
11	4.447	457	460	467	rVV2	21761	25026	0.16%	0.133%
12	4.501	467	470	475	rVB3	5069	5673	0.04%	0.030%
13	4.667	498	501	508	rBV2	14568	12940	0.08%	0.069%
14	4.854	534	536	539	rBV	7144	6017	0.04%	0.032%
15	4.880	539	541	545	rVV	5478	3713	0.02%	0.020%
16	4.923	545	549	552	rVB3	4729	3902	0.03%	0.021%
17	4.977	556	559	568	rBV	279769	238754	1.53%	1.272%
18	5.116	582	585	587	rBV	11969	8862	0.06%	0.047%
19	5.137	587	589	593	rVB3	5606	4641	0.03%	0.025%
20	5.266	609	613	619	rVB	173738	145382	0.93%	0.775%
21	5.538	661	664	668	rBV3	1981	2705	0.02%	0.014%
22	5.731	696	700	705	rBV	126947	114077	0.73%	0.608%
23	5.768	705	707	715	rVB5	5518	6741	0.04%	0.036%
24	6.020	751	754	764	rBV3	10733	15278	0.10%	0.081%
25	6.260	796	799	801	rBV	50646	33190	0.21%	0.177%
26	6.282	801	803	812	rVB	242194	191284	1.23%	1.019%
27	6.731	884	887	890	rVB2	1842	2500	0.02%	0.013%
28	7.089	951	954	958	rBV	300616	246136	1.58%	1.312%
29	7.635	1052	1056	1065	rBV	278364	219425	1.41%	1.169%
30	7.999	1119	1124	1126	rBV	4797	5815	0.04%	0.031%
31	8.341	1184	1188	1197	rBV	232084	204889	1.32%	1.092%
32	8.416	1197	1202	1204	rBV3	1859	2346	0.02%	0.013%
33	9.031	1313	1317	1325	rBV	236813	227028	1.46%	1.210%
34	9.095	1325	1329	1334	rVB2	4655	5168	0.03%	0.028%
35	9.240	1350	1356	1362	rVB	11200	10503	0.07%	0.056%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23509.D
 Acq On : 2 Mar 2010 12:52
 Operator : AHD
 Sample : SMB4428
 Misc : S,BNA
 ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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	9.673	1435	1437	1441	rVB2	3132	2806	0.02%	0.015%
37	9.721	1444	1446	1450	rBV3	2050	2331	0.01%	0.012%
38	10.192	1531	1534	1537	rVB2	2055	2276	0.01%	0.012%
39	10.250	1542	1545	1550	rVB4	2338	2791	0.02%	0.015%
40	10.475	1583	1587	1589	rBV4	6827	5916	0.04%	0.032%
41	10.502	1589	1592	1599	rVB4	1917	2655	0.02%	0.014%
42	10.817	1646	1651	1660	rVB	336665	333405	2.14%	1.777%
43	11.395	1755	1759	1761	rBV5	1977	2542	0.02%	0.014%
44	11.550	1786	1788	1791	rBV4	2987	2258	0.01%	0.012%
45	11.823	1835	1839	1844	rBV5	3213	6257	0.04%	0.033%
46	11.871	1844	1848	1852	rVB7	7366	6971	0.04%	0.037%
47	11.919	1852	1857	1862	rBV6	2893	4446	0.03%	0.024%
48	11.973	1862	1867	1868	rBV5	2622	2770	0.02%	0.015%
49	12.042	1872	1880	1885	rBV	174520	190907	1.23%	1.017%
50	12.219	1908	1913	1914	rBV5	2867	2897	0.02%	0.015%
51	12.353	1937	1938	1942	rBV4	3555	3085	0.02%	0.016%
52	12.529	1966	1971	1972	rBV5	2039	2477	0.02%	0.013%
53	12.577	1977	1980	1982	rVB4	2277	2563	0.02%	0.014%
54	12.807	2021	2023	2025	rBV3	3623	2842	0.02%	0.015%
55	12.914	2036	2043	2047	rBV8	8831	11028	0.07%	0.059%
56	13.021	2061	2063	2065	rBV3	3093	2429	0.02%	0.013%
57	13.085	2073	2075	2076	rVB2	4669	2656	0.02%	0.014%
58	13.096	2076	2077	2079	rBV2	6480	5017	0.03%	0.027%
59	13.224	2098	2101	2104	rVB5	3722	3519	0.02%	0.019%
60	13.251	2104	2106	2110	rBV5	2581	2630	0.02%	0.014%
61	13.278	2110	2111	2114	rBV3	4350	3003	0.02%	0.016%
62	13.315	2116	2118	2121	rVB4	4388	3041	0.02%	0.016%
63	13.347	2121	2124	2125	rBV3	2626	2499	0.02%	0.013%
64	13.374	2125	2129	2131	rBV4	3926	5087	0.03%	0.027%
65	13.428	2137	2139	2140	rBV2	3626	2538	0.02%	0.014%
66	13.460	2140	2145	2146	rVV5	4422	4937	0.03%	0.026%
67	13.492	2149	2151	2157	rBV7	3092	4750	0.03%	0.025%
68	13.577	2165	2167	2170	rBV4	3055	2404	0.02%	0.013%
69	13.642	2175	2179	2188	rVB2	201665	222303	1.43%	1.185%
70	13.749	2197	2199	2201	rBV3	3737	3287	0.02%	0.018%
71	13.797	2205	2208	2209	rBV3	3028	2282	0.01%	0.012%
72	13.818	2209	2212	2213	rBV3	4202	3826	0.02%	0.020%
73	13.845	2216	2217	2221	rBV4	7616	6699	0.04%	0.036%
74	13.893	2224	2226	2228	rBV3	3531	3083	0.02%	0.016%
75	13.952	2236	2237	2240	rBV2	4442	3283	0.02%	0.017%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23509.D
 Acq On : 2 Mar 2010 12:52
 Operator : AHD
 Sample : SMB4428
 Misc : S,BNA
 ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	13.973	2240	2241	2244	rBV3	2765	2809	0.02%	0.015%
77	14.016	2247	2249	2252	rBV4	2289	2595	0.02%	0.014%
78	14.102	2263	2265	2268	rVB4	3424	3558	0.02%	0.019%
79	14.171	2274	2278	2279	rBV4	3142	3712	0.02%	0.020%
80	14.246	2290	2292	2294	rVB3	5317	3808	0.02%	0.020%
81	14.273	2294	2297	2301	rBV5	5879	8924	0.06%	0.048%
82	14.321	2305	2306	2309	rBV3	4263	2988	0.02%	0.016%
83	14.342	2309	2310	2313	rVB3	3826	3268	0.02%	0.017%
84	14.374	2313	2316	2319	rBV5	5629	7101	0.05%	0.038%
85	14.406	2319	2322	2323	rBV3	3541	3148	0.02%	0.017%
86	14.422	2323	2325	2327	rVV3	3953	3807	0.02%	0.020%
87	14.444	2327	2329	2332	rVB4	3527	3469	0.02%	0.018%
88	14.481	2332	2336	2337	rBV4	3166	3736	0.02%	0.020%
89	14.508	2339	2341	2344	rVB4	2782	2794	0.02%	0.015%
90	14.578	2352	2354	2358	rBV5	5743	5789	0.04%	0.031%
91	14.610	2358	2360	2363	rBV4	4793	4741	0.03%	0.025%
92	14.674	2369	2372	2375	rBV5	5598	6792	0.04%	0.036%
93	14.711	2378	2379	2381	rBV2	4711	3063	0.02%	0.016%
94	14.727	2381	2382	2384	rBV2	5715	3480	0.02%	0.019%
95	14.781	2390	2392	2393	rVB2	4523	2732	0.02%	0.015%
96	14.813	2396	2398	2401	rVB4	3059	3077	0.02%	0.016%
97	14.931	2419	2420	2423	rVB3	5526	3602	0.02%	0.019%
98	14.973	2425	2428	2432	rBV6	5003	7008	0.05%	0.037%
99	15.027	2435	2438	2439	rBV3	4822	3018	0.02%	0.016%
100	15.059	2442	2444	2447	rVB4	4615	4297	0.03%	0.023%
101	15.102	2447	2452	2453	rBV5	4611	4432	0.03%	0.024%
102	15.112	2453	2454	2457	rBV3	4956	5902	0.04%	0.031%
103	15.139	2457	2459	2461	rVV3	5299	5039	0.03%	0.027%
104	15.161	2461	2463	2468	rVB6	4383	5257	0.03%	0.028%
105	15.214	2470	2473	2475	rVB3	5898	6573	0.04%	0.035%
106	15.230	2475	2476	2477	rBV	4215	2310	0.01%	0.012%
107	15.273	2482	2484	2487	rVB4	3924	3058	0.02%	0.016%
108	15.385	2504	2505	2507	rBV2	3840	2691	0.02%	0.014%
109	15.417	2509	2511	2513	rBV3	3588	3044	0.02%	0.016%
110	15.433	2513	2514	2517	rVV3	6058	4660	0.03%	0.025%
111	15.460	2517	2519	2521	rVV3	3767	4355	0.03%	0.023%
112	15.476	2521	2522	2526	rVB4	4291	3765	0.02%	0.020%
113	15.535	2532	2533	2537	rVB4	4888	4456	0.03%	0.024%
114	15.567	2537	2539	2542	rBV4	4582	4652	0.03%	0.025%

Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

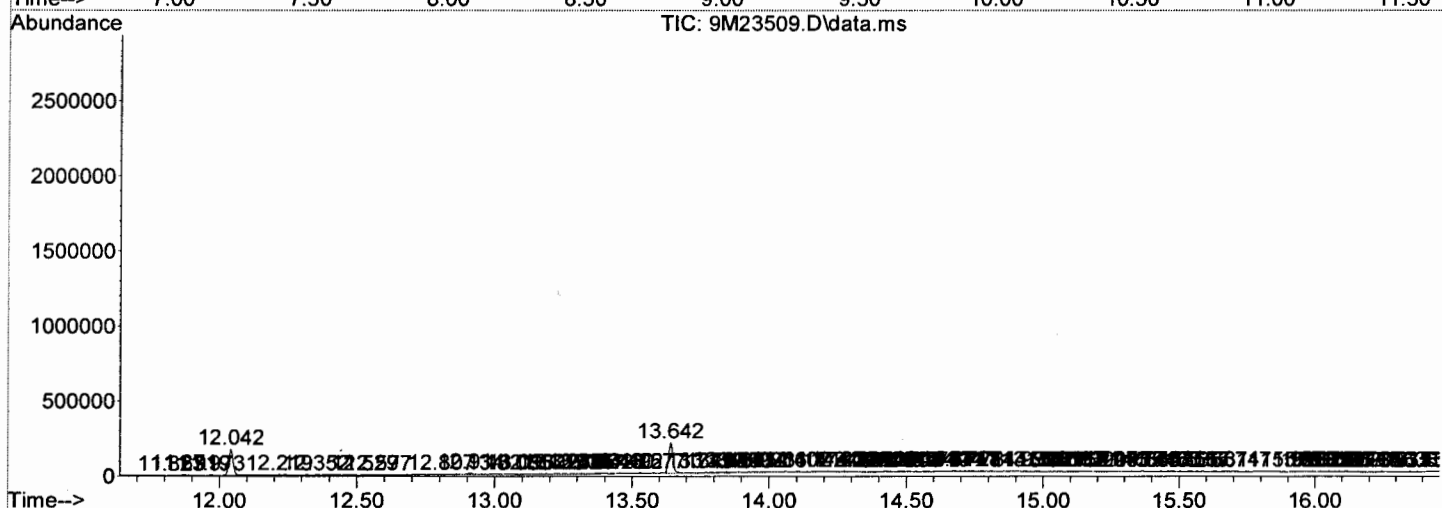
If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Title : @GCMS_9,mg,625,8270

115	15.631	2547	2551	2553	rBV5	3771	4188	0.03%	0.022%
116	15.674	2555	2559	2562	rBV6	5688	8582	0.06%	0.046%
117	15.717	2565	2567	2570	rVB4	3836	3096	0.02%	0.016%
118	15.920	2601	2605	2607	rBV5	4614	5267	0.03%	0.028%
119	15.963	2611	2613	2615	rVB3	3964	2944	0.02%	0.016%
120	15.995	2615	2619	2621	rVV5	3973	4959	0.03%	0.026%
121	16.022	2621	2624	2626	rVB4	3703	3648	0.02%	0.019%
122	16.054	2628	2630	2631	rVB2	3836	2310	0.01%	0.012%
123	16.075	2631	2634	2635	rBV3	3882	2861	0.02%	0.015%
124	16.086	2635	2636	2638	rVB2	4440	2676	0.02%	0.014%
125	16.107	2638	2640	2644	rBV5	4637	6754	0.04%	0.036%
126	16.177	2651	2653	2656	rVB4	4357	3136	0.02%	0.017%
127	16.209	2656	2659	2661	rVB3	5539	3996	0.03%	0.021%
128	16.246	2661	2666	2667	rBV5	5364	6111	0.04%	0.033%
129	16.311	2677	2678	2680	rBV2	4306	2558	0.02%	0.014%
130	16.353	2685	2686	2688	rVB2	5498	2780	0.02%	0.015%
131	16.380	2688	2691	2694	rBV5	5769	5260	0.03%	0.028%
132	16.407	2694	2696	2697	rBV2	2955	2698	0.02%	0.014%

Sum of corrected areas: 18764587

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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

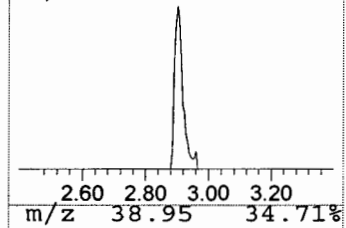
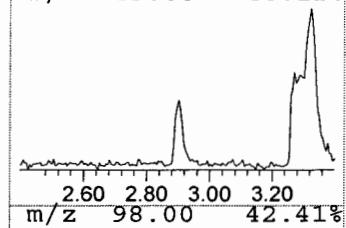
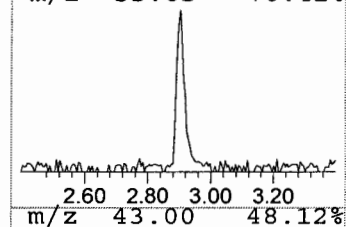
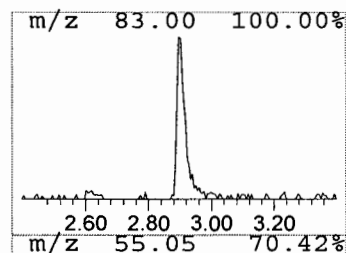
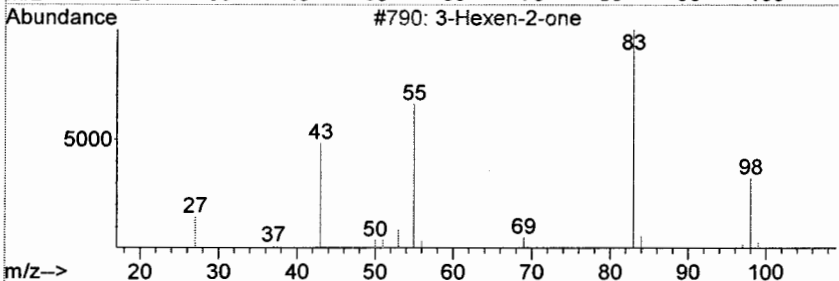
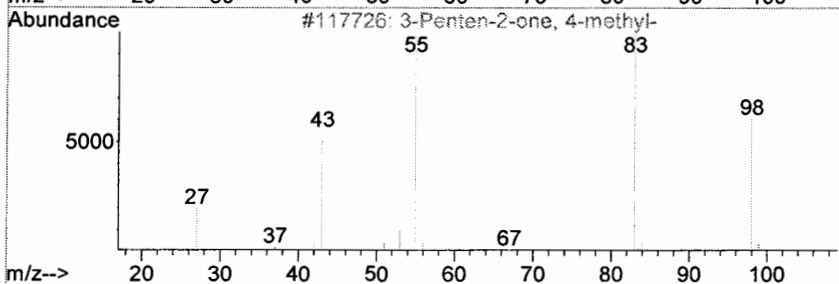
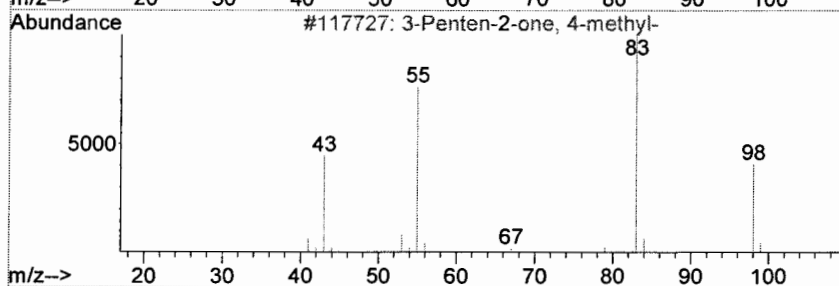
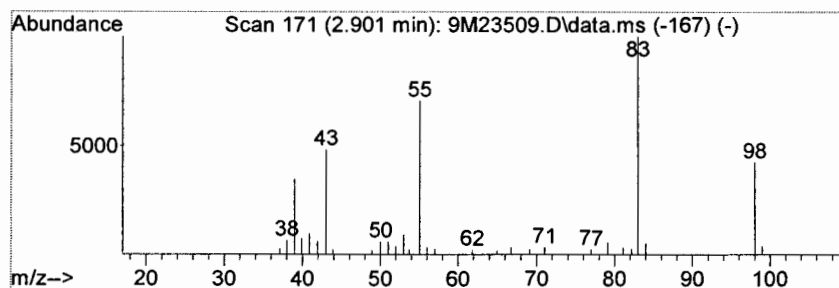
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	14.50 ng	53899	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3		3-Hexen-2-one	98	C6H10O	000763-93-9	87
4		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
5		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

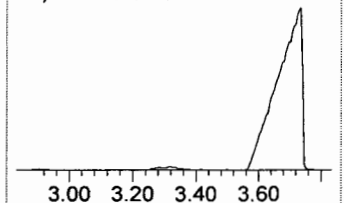
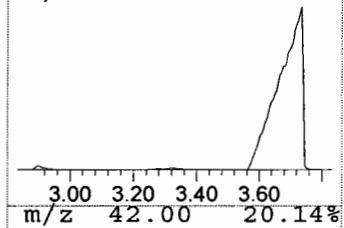
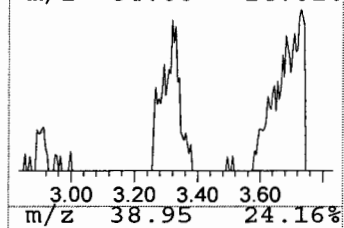
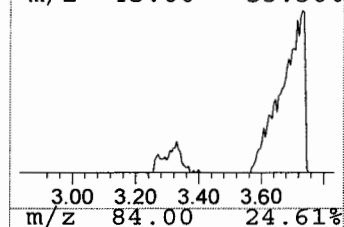
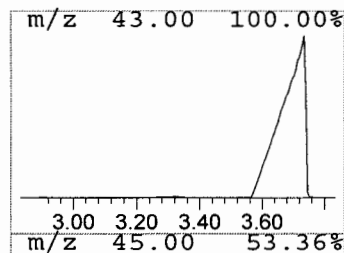
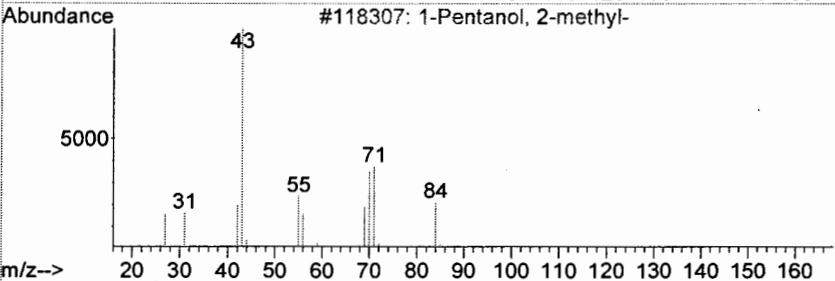
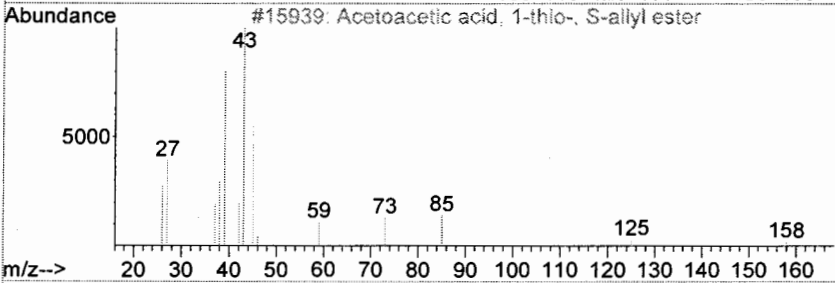
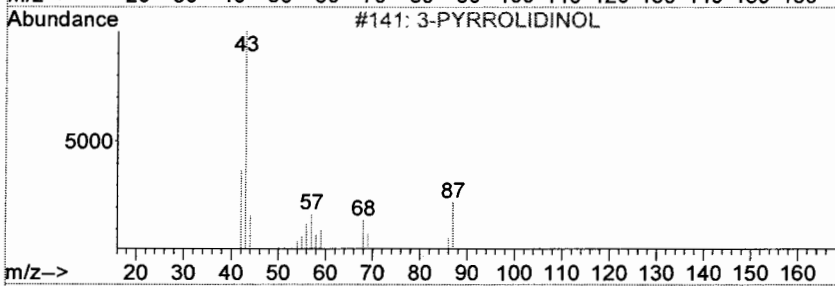
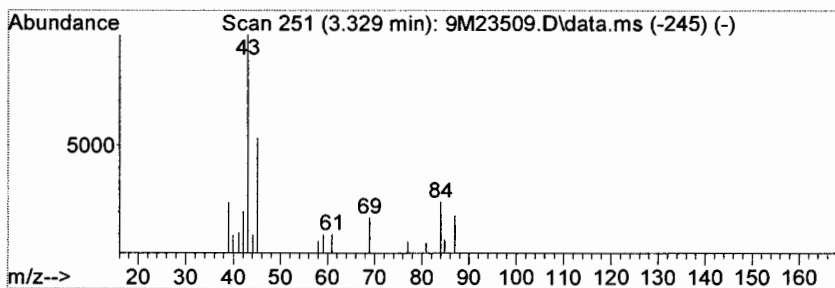
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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.
3.33	14.23 ng	52914	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-PYRROLIDINOL	87	C4H9NO	040499-83-0	16
2		Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	9
3		1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	9
4		Furan, 2,3-dihydro-5-methyl-	84	C5H8O	001487-15-6	7
5		ETHYLAMMONIUMCHLORIDE	45	C2H7N	000075-04-7	5



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

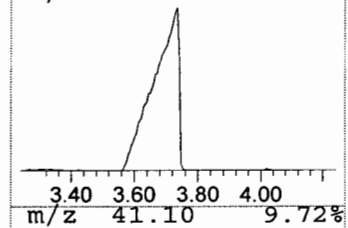
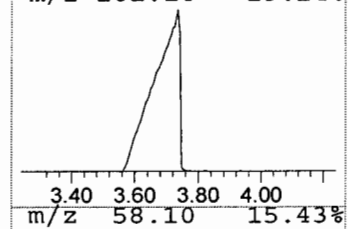
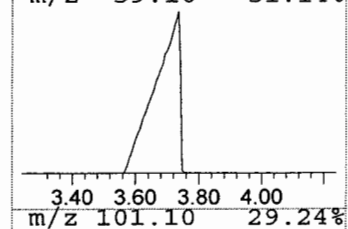
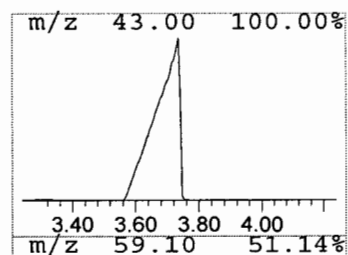
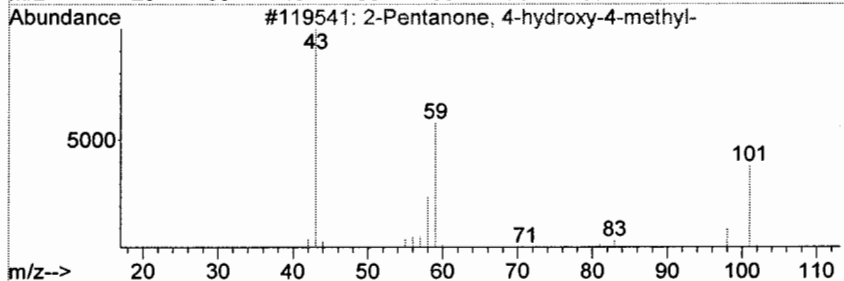
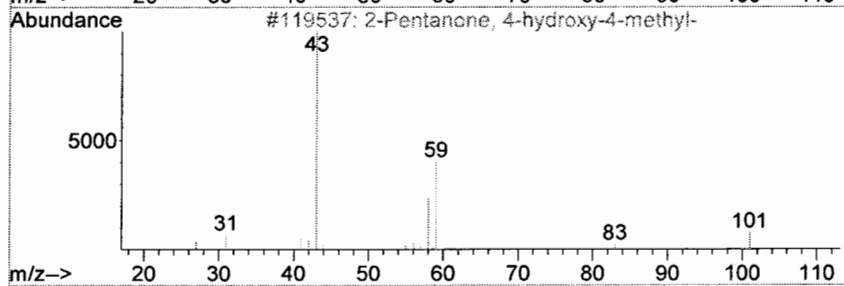
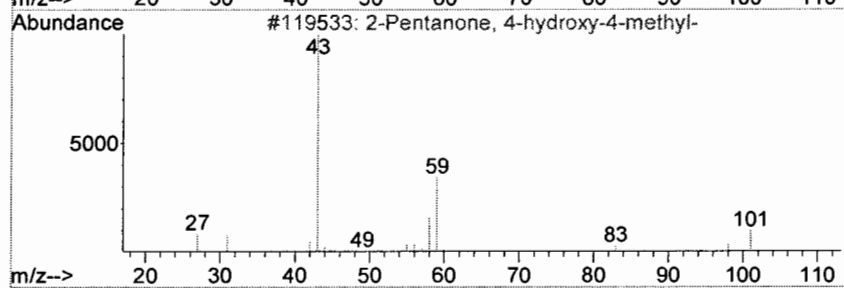
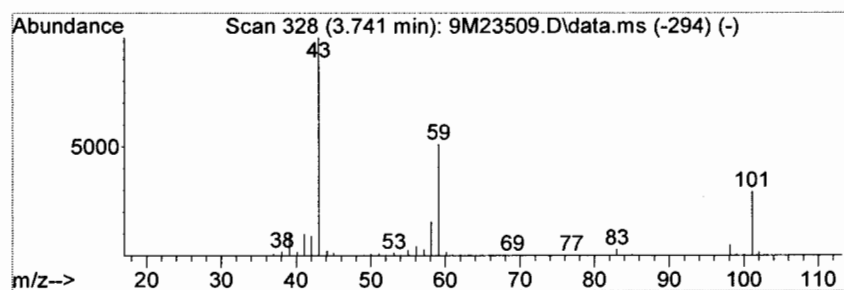
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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.
3.74	4183.19 ng	15554467	LibIS-1,4-Dichlorobenzene-d4	5.27

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	47
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

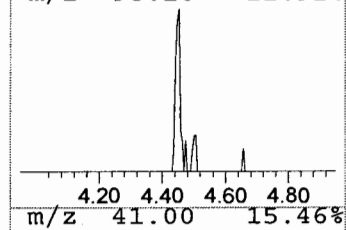
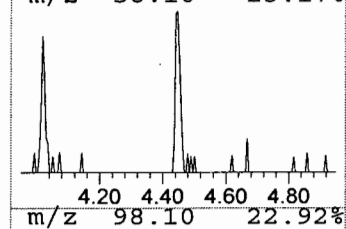
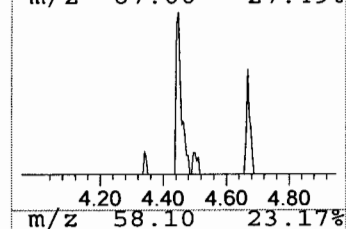
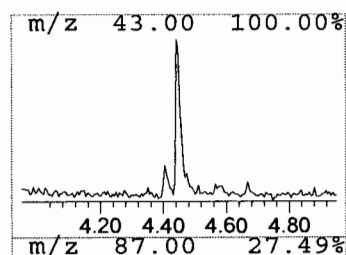
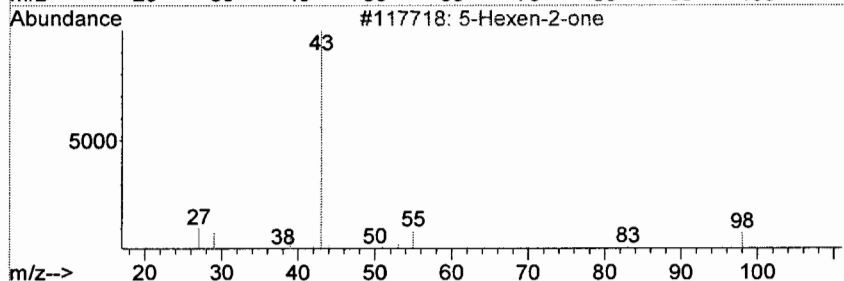
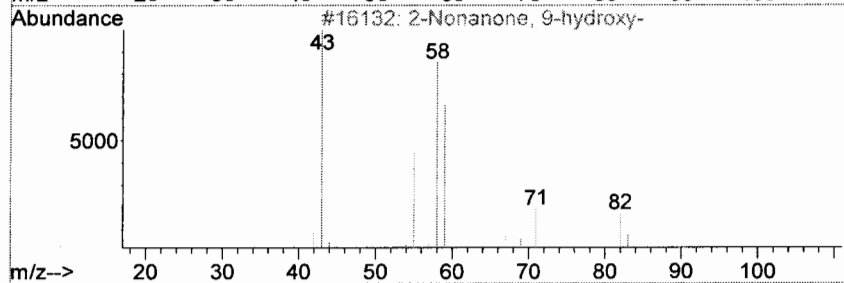
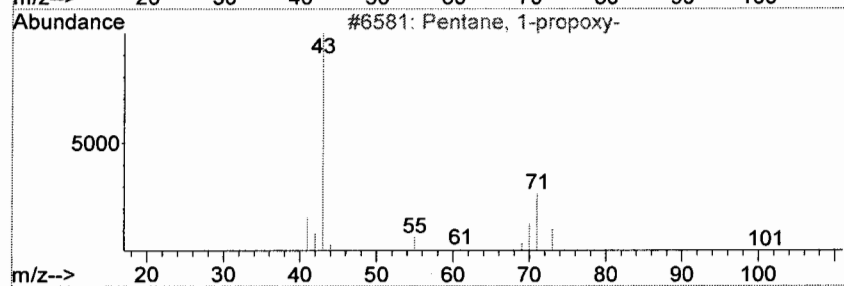
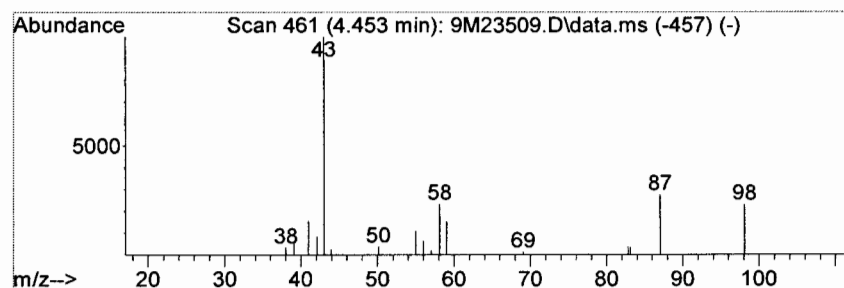
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 4 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	6.73 ng	25026	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 1-propoxy-	130	C8H18O	018641-82-2	10
2			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	10
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5			Butane	58	C4H10	000106-97-8	9



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 Sample Multiplier: 1

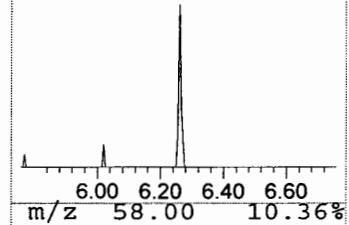
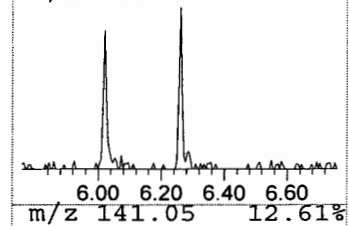
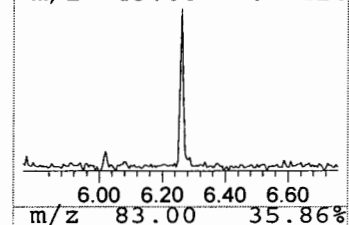
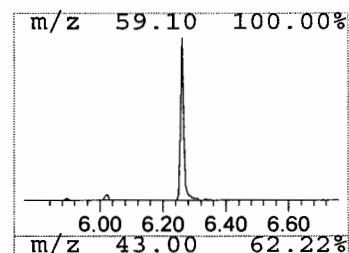
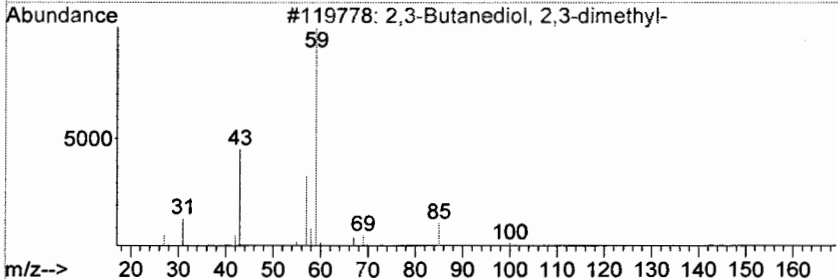
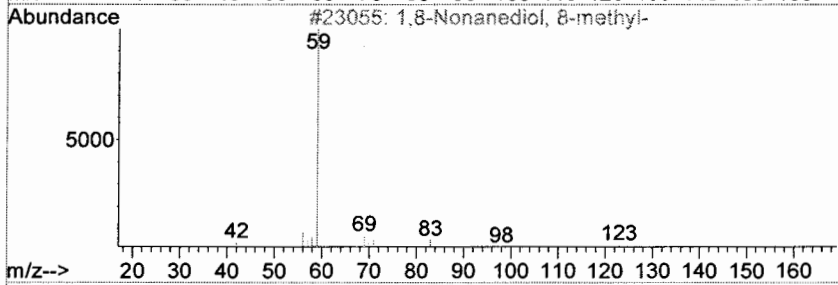
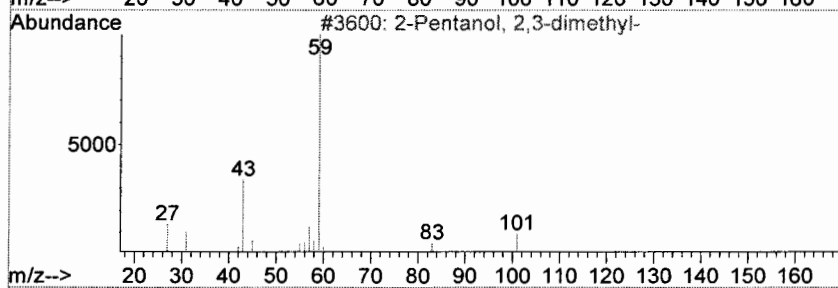
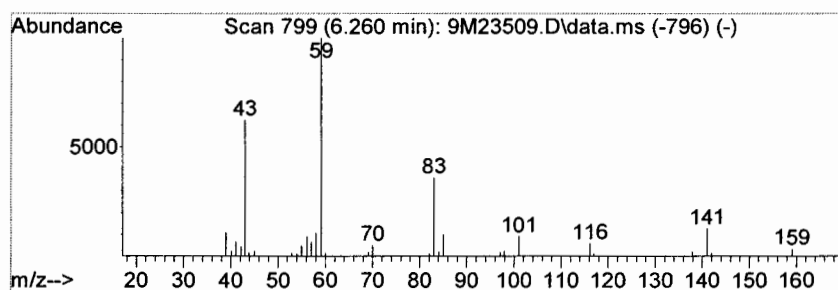
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	6.79 ng	33190	LibIS-Naphthalene-d8	6.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	36
2			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	33
3			2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	33
4			3-Hexanol	102	C6H14O	000623-37-0	28
5			Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	28



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23509.D
Acq On : 2 Mar 2010 12:52
Operator : AHD
Sample : SMB4428
Misc : S,BNA
ALS Vial : 12 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-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.90	14.5	ng	53899	1	5.27	5.27	148733	40.0
unknown	3.33	14.2	ng	52914	1	5.27	5.27	148733	40.0
2-Pentanone, 4-hy...	3.74	4183.2	ng	15554467	1	5.27	5.27	148733	40.0
unknown	4.45	6.7	ng	25026	1	5.27	5.27	148733	40.0
unknown	6.26	6.8	ng	33190	2	6.28	6.28	195623	40.0

Form1

ORGANICS SEMIVOLATILE REPORT

Sample Number: SMB4429

Client Id:

Data File: 9M23510.D

Analysis Date: 03/02/10 13:14

Date Rec/Extracted: NA-03/02/10

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 #: 144328

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.

Form1eORGANICS SEMIVOLATILE REPORT
Tentatively Identified Compounds

Sample Number: SMB4429	Matrix: Soil
Client Id:	Initial Vol: 30g
Data File: 9M23510.D	Final Vol: 1ml
Analysis Date: 03/02/10 13:14	Dilution: 1
Date Rec/Extracted: NA-03/02/10	Solids: 100
	Method: EPA 8270C

Units: mg/Kg

	Cas #	Compound	RT	Conc
1	141-79-7	3-Penten-2-one, 4-methyl-	2.89	0.63 JA
2		unknown	3.29	0.17 J
3		unknown	3.36	0.72 J
4	123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.77	180 JA
5		unknown	4.45	0.30 J
6	5131-66-8	2-Propanol, 1-butoxy-	4.67	0.16 J
7		unknown	6.26	0.22 J

Worksheet #: 144328

Total Tentatively Identified Concentration 180*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.*

SampleID : SMB4429
 Data File: 9M23510.D
 Acq On : 03/ 2/10 13:14

Operator : AHD
 Sam Mult : 1 Vial# : 13
 Misc : S,BNA

Qt Meth : 9M_0301.M
 Qt On : 03/02/10 13:56
 Qt Upd On: 03/01/10 13:59

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 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	26506	40.00	ng	0.00
29) Naphthalene-d8	6.282	136	107177	40.00	ng	-0.01
47) Acenaphthene-d10	7.635	164	60405	40.00	ng	-0.01
73) Phenanthrene-d10	9.031	188	92652	40.00	ng	-0.01
87) Chrysene-d12	12.042	240	71374	40.00	ng	-0.02
102) Perylene-d12	13.642	264	73031	40.00	ng	-0.02

System Monitoring Compounds						
10) 2-Fluorophenol	4.030	112	71693	100.59	ng	0.02
Spiked Amount 100.000			Recovery	=	100.59%	
15) Phenol-d5	4.977	99	89579	96.39	ng	0.00
Spiked Amount 100.000			Recovery	=	96.39%	
30) Nitrobenzene-d5	5.731	128	20933	46.60	ng	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
52) 2-Fluorobiphenyl	7.095	172	92490	44.76	ng	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
76) 2,4,6-Tribromophenol	8.346	330	18188	105.61	ng	-0.01
Spiked Amount 100.000			Recovery	=	105.61%	
90) Terphenyl-d14	10.817	244	101857	49.74	ng	-0.01
Spiked Amount 50.000			Recovery	=	99.48%	

Target Compounds Qvalue

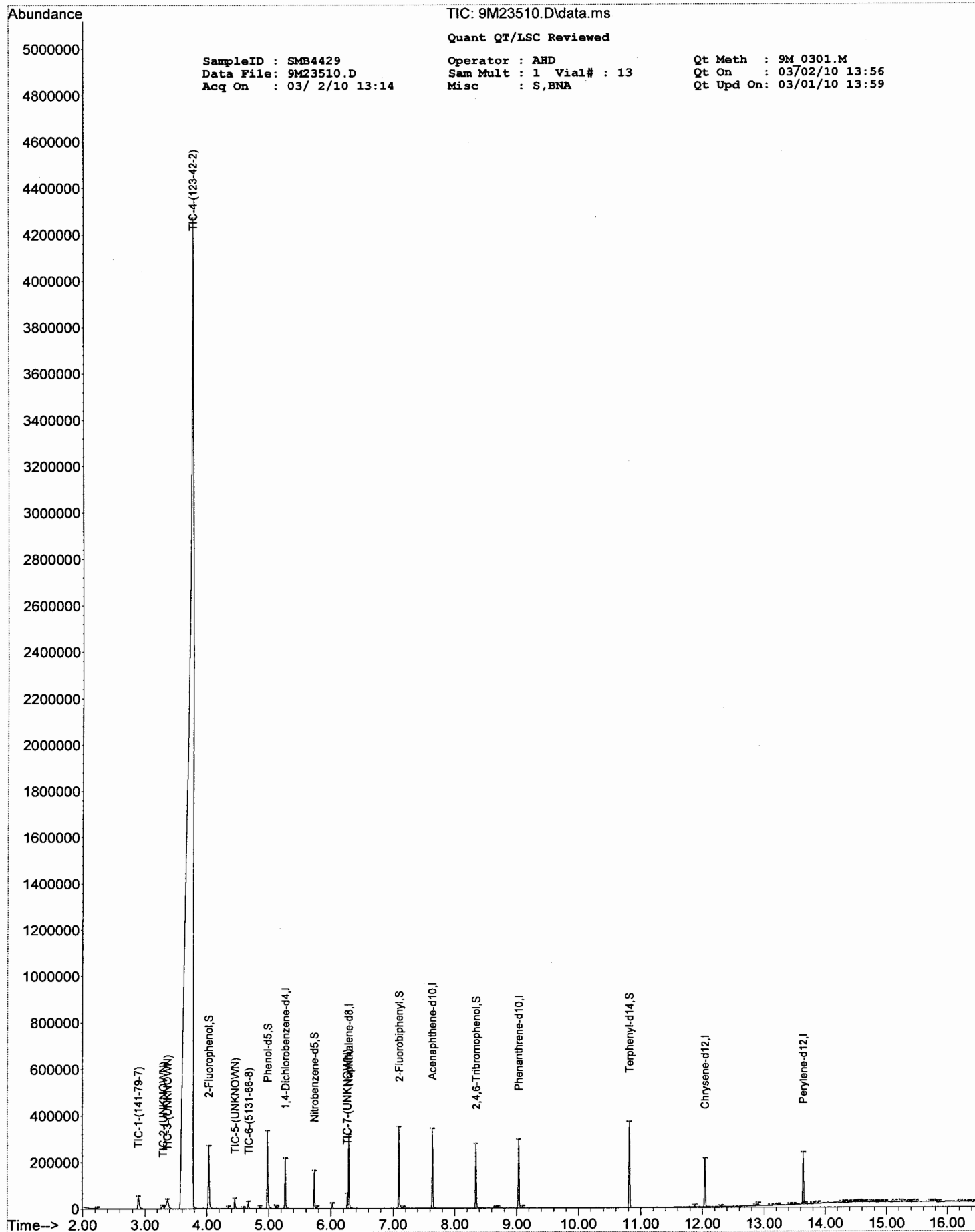
Library Search Internal Standards TIC Results

1) 1,4-Dichlorobenzene-d4	5.266	175917	40.00	ng	--
2) Naphthalene-d8	6.282	244747	40.00	ng	--
3) Acenaphthene-d10	7.635	274911	40.00	ng	--
4) Phenanthrene-d10	9.031	274871	40.00	ng	--
5) Chrysene-d12	12.042	211908	40.00	ng	--
6) Perylene-d12	13.642	248378	40.00	ng	--

Library Search Compounds

1) 141-79-7	2.890	83216	18.92	ng	87
2) UNKNOWN	3.290	22526	5.12	ng	--
3) UNKNOWN	3.360	94612	21.51	ng	--
4) 123-42-2	3.770	23331909	5305.21	ng	74
5) UNKNOWN	4.450	38949	8.86	ng	--
6) 5131-66-8	4.670	21536	4.90	ng	64
7) UNKNOWN	6.260	40129	6.56	ng	--

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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23510.D
 Acq On : 2 Mar 2010 13:14
 Operator : AHD
 Sample : SMB4429
 Misc : S,BNA
 ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: 9M23510.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.233	42	46	49	rVB4	2099	3021	0.01%	0.011%
2	2.891	163	169	182	rBV	49509	83216	0.36%	0.310%
3	3.287	235	243	246	rBV6	9631	22526	0.10%	0.084%
4	3.361	249	257	270	rVB	37061	94612	0.41%	0.353%
5	3.773	293	334	336	rBV	4265704	23331909	100.00%	87.035%
6	4.030	379	382	390	rBV	264143	250835	1.08%	0.936%
7	4.346	439	441	443	rBV	5108	3434	0.01%	0.013%
8	4.447	457	460	468	rBV	40979	38949	0.17%	0.145%
9	4.586	482	486	490	rBV3	2333	2763	0.01%	0.010%
10	4.667	498	501	507	rVB	26147	21536	0.09%	0.080%
11	4.854	533	536	540	rBV3	6891	6684	0.03%	0.025%
12	4.977	556	559	572	rBV	329667	279222	1.20%	1.042%
13	5.116	582	585	587	rBV	9207	7153	0.03%	0.027%
14	5.132	587	588	593	rVB3	4386	4353	0.02%	0.016%
15	5.266	609	613	620	rBV	212272	175917	0.75%	0.656%
16	5.731	697	700	705	rBV	158300	133715	0.57%	0.499%
17	5.768	705	707	710	rVB2	5075	3790	0.02%	0.014%
18	6.020	751	754	758	rVB	18271	12414	0.05%	0.046%
19	6.260	796	799	801	rBV	59541	40129	0.17%	0.150%
20	6.282	801	803	811	rVB	311736	242258	1.04%	0.904%
21	7.089	951	954	964	rBV	346294	290561	1.25%	1.084%
22	7.159	964	967	974	rVB3	2961	3483	0.01%	0.013%
23	7.635	1052	1056	1065	rBV	338191	273337	1.17%	1.020%
24	8.341	1184	1188	1198	rBV	271695	247737	1.06%	0.924%
25	8.667	1246	1249	1251	rBV2	2824	3091	0.01%	0.012%
26	8.694	1251	1254	1257	rVB3	3438	4027	0.02%	0.015%
27	9.031	1313	1317	1326	rBV	290795	274916	1.18%	1.026%
28	9.095	1326	1329	1334	rVB3	5328	5983	0.03%	0.022%
29	10.817	1646	1651	1657	rBV	365198	344859	1.48%	1.286%
30	11.877	1844	1849	1853	rBV3	5566	6849	0.03%	0.026%
31	12.042	1875	1880	1885	rBV	206476	202356	0.87%	0.755%
32	12.304	1923	1929	1932	rBV6	3594	7375	0.03%	0.028%
33	12.866	2032	2034	2037	rBV4	2355	2872	0.01%	0.011%
34	12.909	2039	2042	2045	rBV3	9983	9266	0.04%	0.035%
35	13.112	2075	2080	2082	rBV5	2370	3321	0.01%	0.012%

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
 Data File : 9M23510.D
 Acq On : 2 Mar 2010 13:14
 Operator : AHD
 Sample : SMB4429
 Misc : S,BNA
 ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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

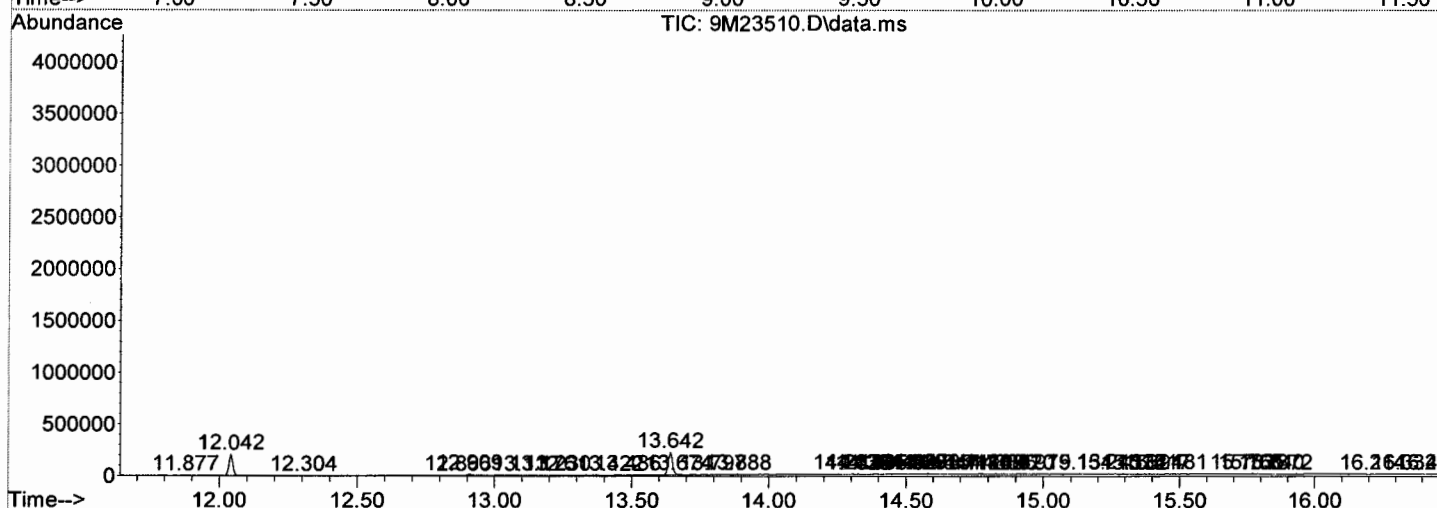
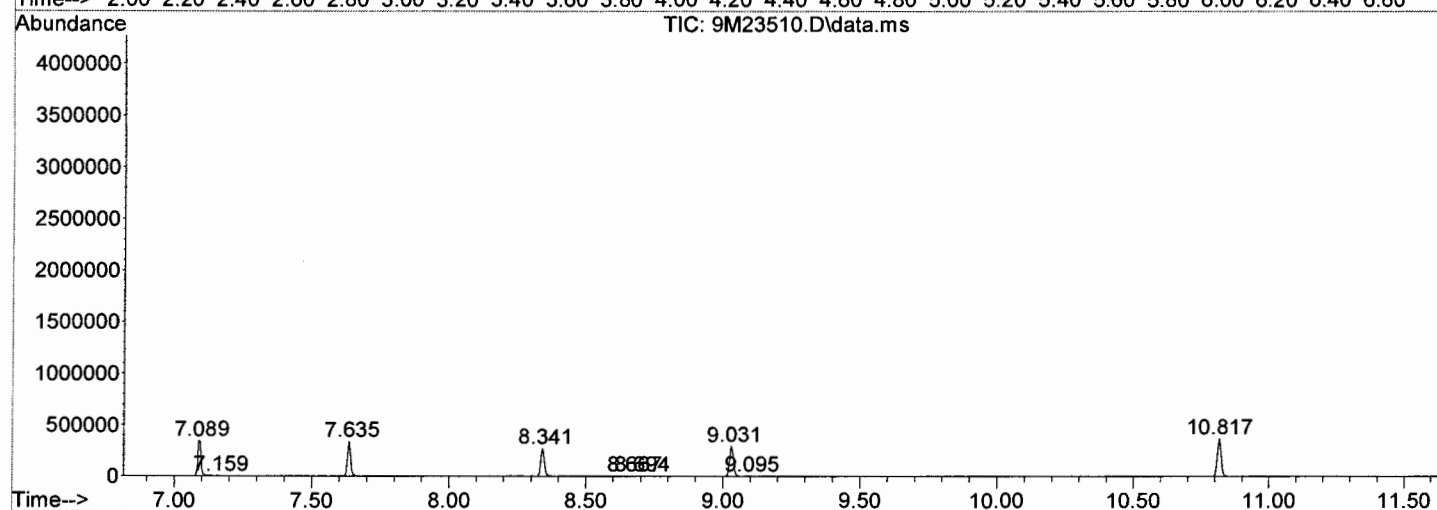
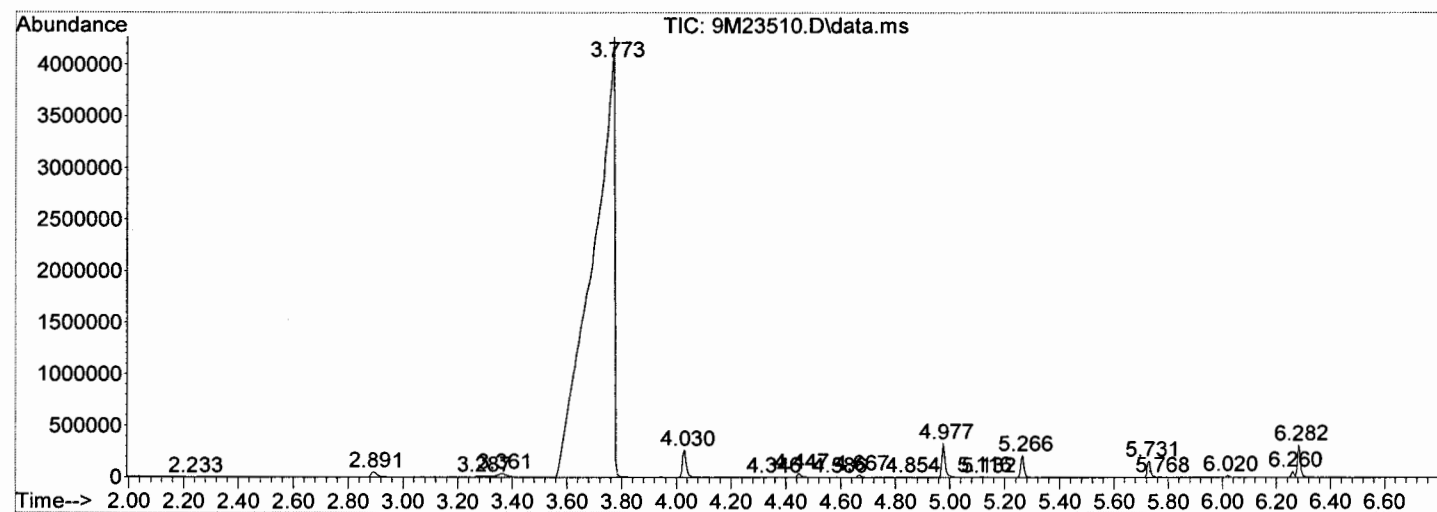
36	13.176	2088	2092	2095	rVB6	2390	3007	0.01%	0.011%
37	13.230	2095	2102	2104	rBV7	3519	5270	0.02%	0.020%
38	13.422	2130	2138	2140	rBV6	2672	5506	0.02%	0.021%
39	13.486	2148	2150	2153	rBV4	2993	3324	0.01%	0.012%
40	13.642	2175	2179	2184	rBV2	218035	234864	1.01%	0.876%
41	13.674	2184	2185	2189	rVB4	3989	3339	0.01%	0.012%
42	13.797	2205	2208	2209	rBV2	3626	3171	0.01%	0.012%
43	13.888	2222	2225	2227	rBV4	4407	3904	0.02%	0.015%
44	14.283	2296	2299	2302	rBV5	2950	3514	0.02%	0.013%
45	14.326	2304	2307	2308	rVB3	4608	2944	0.01%	0.011%
46	14.364	2311	2314	2315	rBV3	4056	3183	0.01%	0.012%
47	14.385	2315	2318	2319	rVV3	3499	2785	0.01%	0.010%
48	14.449	2325	2330	2331	rBV5	3699	3271	0.01%	0.012%
49	14.492	2336	2338	2341	rBV3	3759	3433	0.01%	0.013%
50	14.529	2341	2345	2348	rBV6	4308	5149	0.02%	0.019%
51	14.578	2351	2354	2358	rVB6	5614	6778	0.03%	0.025%
52	14.615	2358	2361	2364	rBV5	3446	3220	0.01%	0.012%
53	14.647	2364	2367	2370	rBV5	3599	3401	0.01%	0.013%
54	14.717	2378	2380	2383	rVB4	3295	2971	0.01%	0.011%
55	14.808	2394	2397	2399	rBV4	3617	2975	0.01%	0.011%
56	14.834	2399	2402	2404	rVB4	3903	3194	0.01%	0.012%
57	14.856	2404	2406	2411	rBV6	2615	4037	0.02%	0.015%
58	14.920	2417	2418	2423	rVB4	3530	4395	0.02%	0.016%
59	14.979	2428	2429	2431	rBV2	3510	3000	0.01%	0.011%
60	15.134	2455	2458	2461	rBV4	3283	2887	0.01%	0.011%
61	15.241	2477	2478	2481	rVB3	4802	3261	0.01%	0.012%
62	15.332	2492	2495	2497	rBV4	2740	2787	0.01%	0.010%
63	15.391	2504	2506	2508	rVB3	4496	3820	0.02%	0.014%
64	15.417	2508	2511	2513	rBV4	4552	5217	0.02%	0.019%
65	15.481	2520	2523	2524	rBV3	4617	3323	0.01%	0.012%
66	15.733	2567	2570	2571	rBV3	3254	2816	0.01%	0.011%
67	15.765	2575	2576	2580	rBV4	4358	4445	0.02%	0.017%
68	15.840	2588	2590	2593	rVB4	3540	3919	0.02%	0.015%
69	15.872	2593	2596	2598	rBV3	4575	4613	0.02%	0.017%
70	16.214	2656	2660	2661	rBV4	3658	3051	0.01%	0.011%
71	16.332	2680	2682	2686	rVB5	2954	3500	0.02%	0.013%
72	16.423	2696	2699	2701	rBV4	3700	4608	0.02%	0.017%

Sum of corrected areas: 26807351

Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 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



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

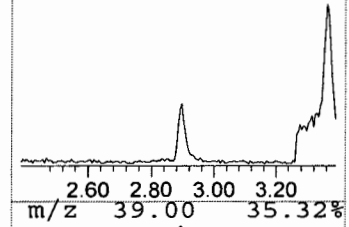
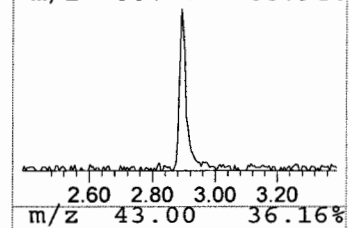
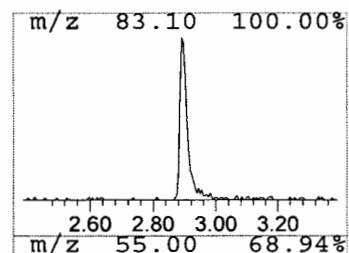
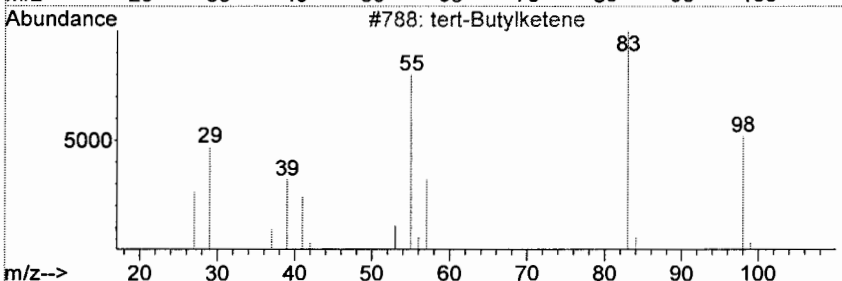
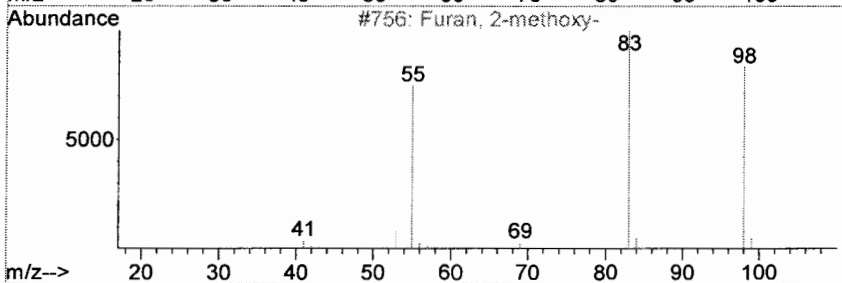
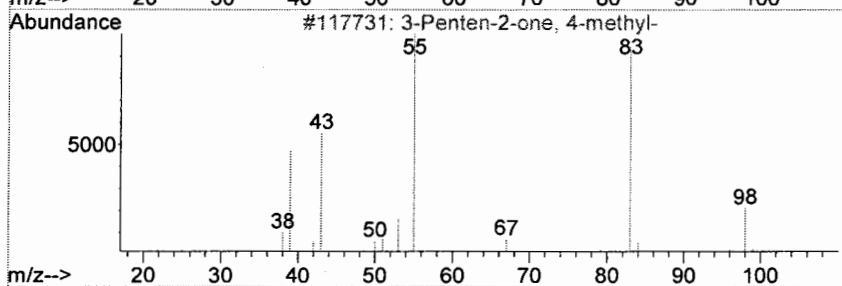
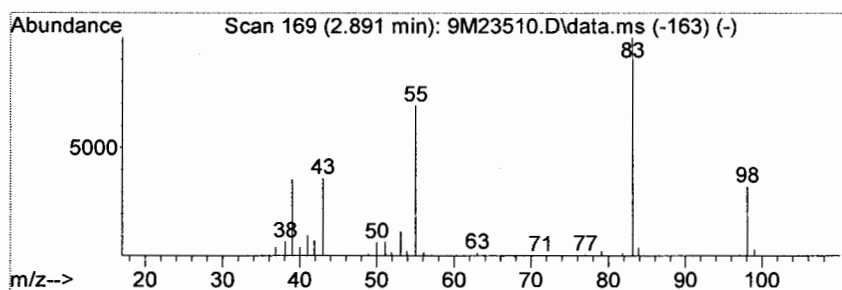
Quant Method : G:\GCMSDATA\2010\GCMS_9\METHODQT\9M_0301.M
Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	18.92 ng	83216	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
3	tert-Butylketene	98	C6H10O	059005-31-1	78
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
5	3-Hexen-2-one	98	C6H10O	000763-93-9	72



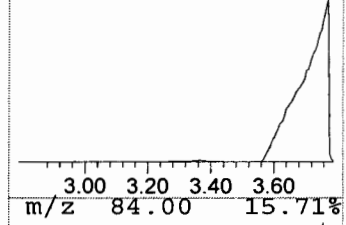
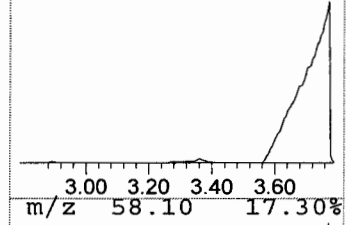
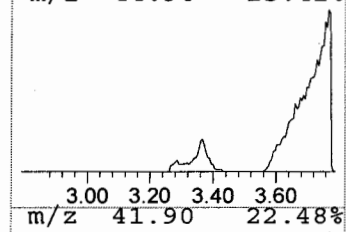
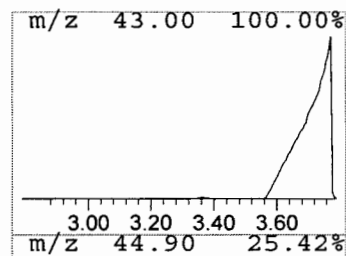
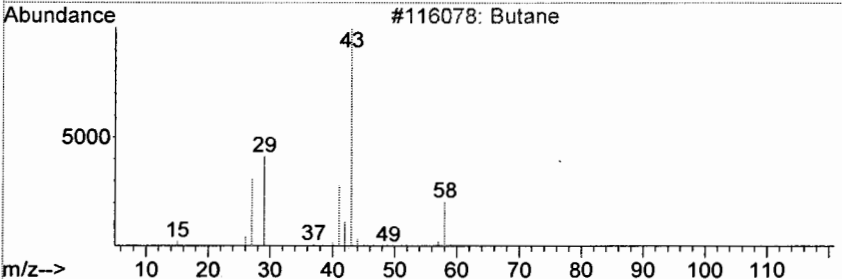
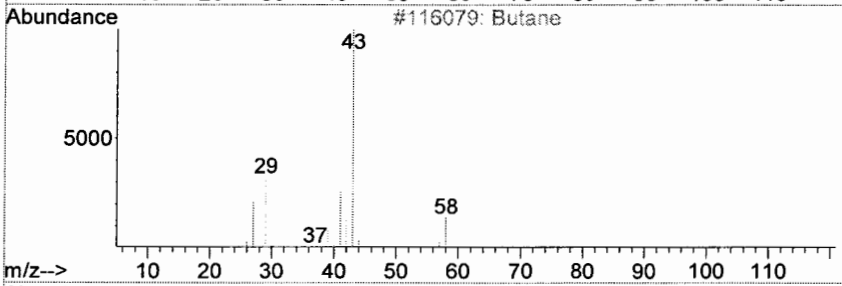
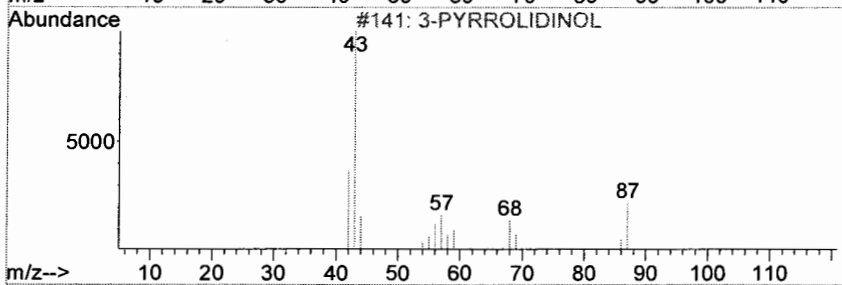
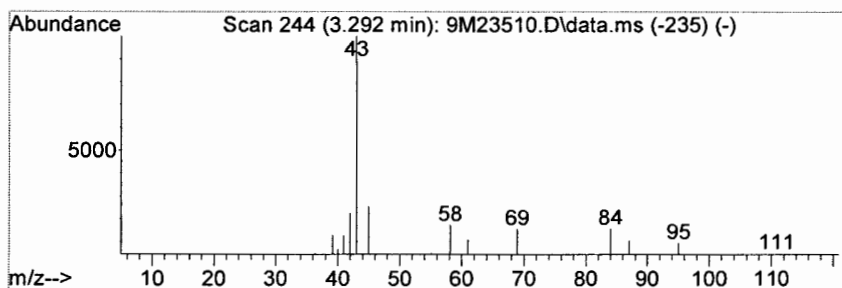
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Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.29	5.12 ng	22526	LibIS-1,4-Dichlorobenzene-d4	5.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	9
2	Butane	58	C4H10	000106-97-8	7
3	Butane	58	C4H10	000106-97-8	5
4	ETHYLAMMONIUMCHLORIDE	45	C2H7N	000075-04-7	4
5	Butane	58	C4H10	000106-97-8	4



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

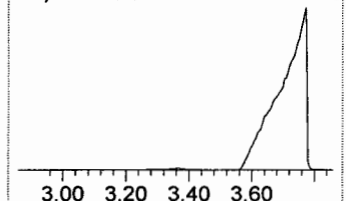
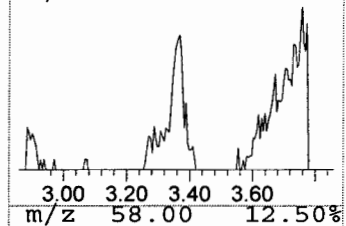
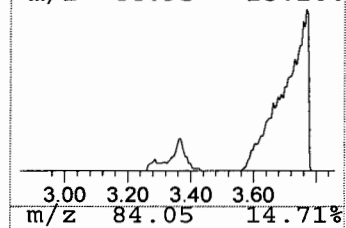
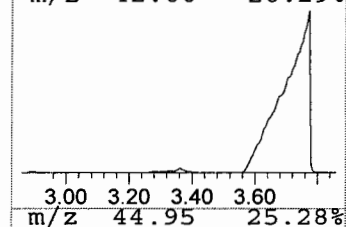
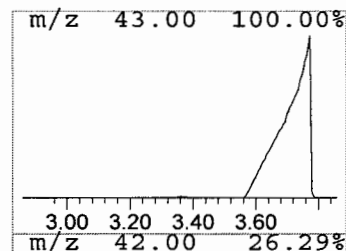
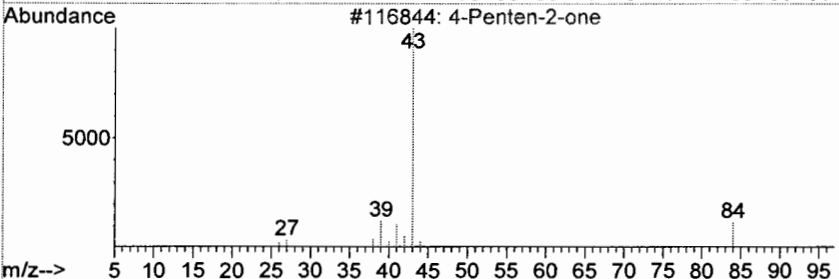
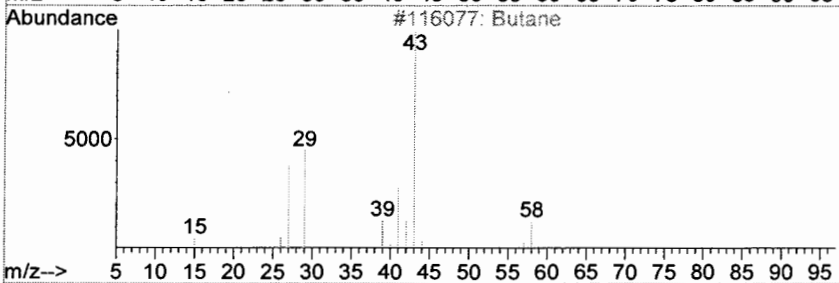
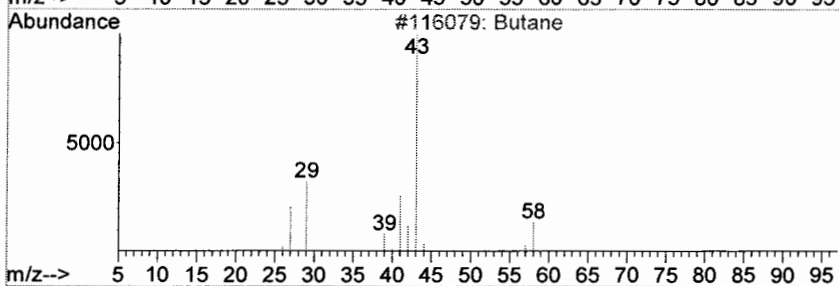
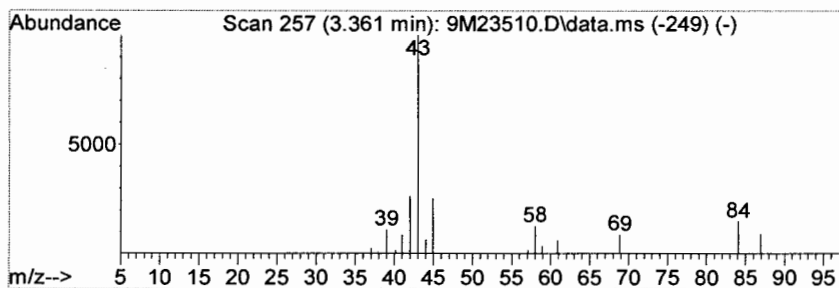
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 3 unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	21.51 ng	94612	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane	58	C4H10	000106-97-8	9
2			Butane	58	C4H10	000106-97-8	5
3			4-Penten-2-one	84	C5H8O	013891-87-7	4
4			3-PYRROLIDINOL	87	C4H9NO	040499-83-0	4
5			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	4



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

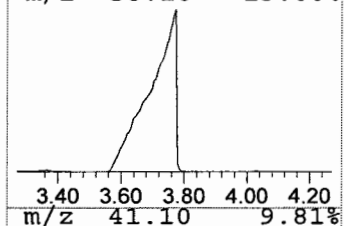
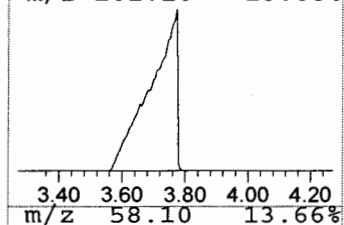
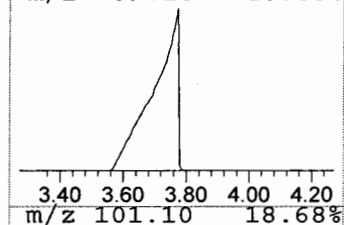
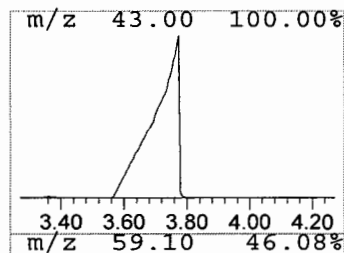
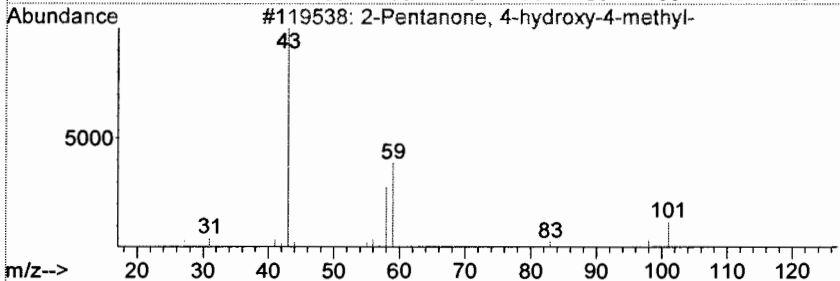
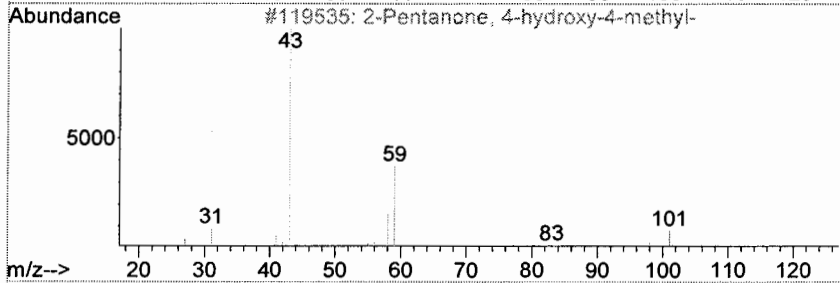
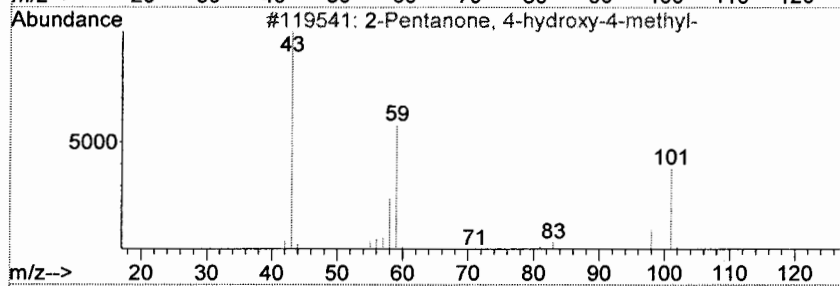
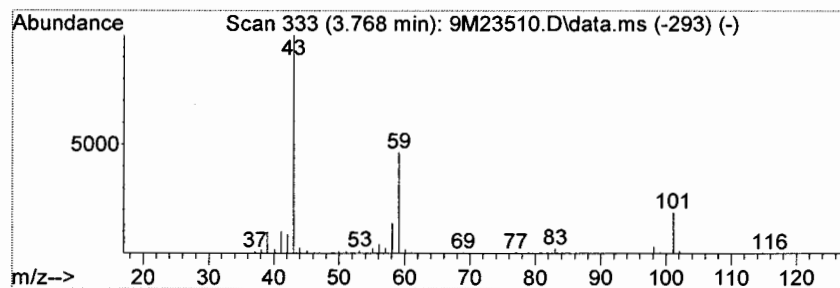
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	5305.21 ng	23331909	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	56
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	39



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

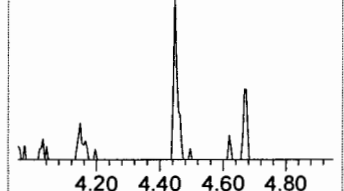
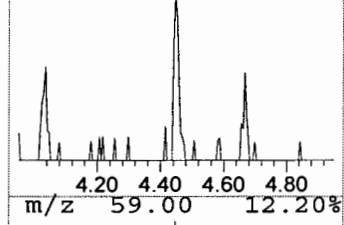
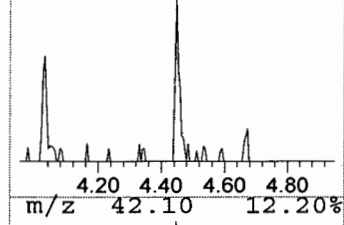
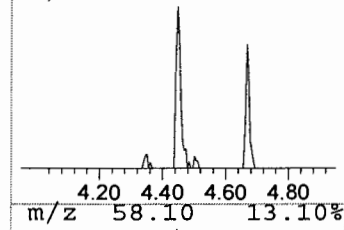
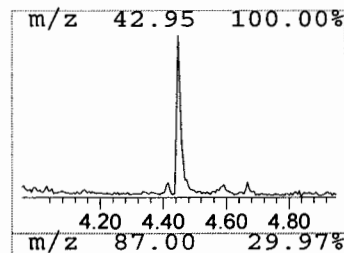
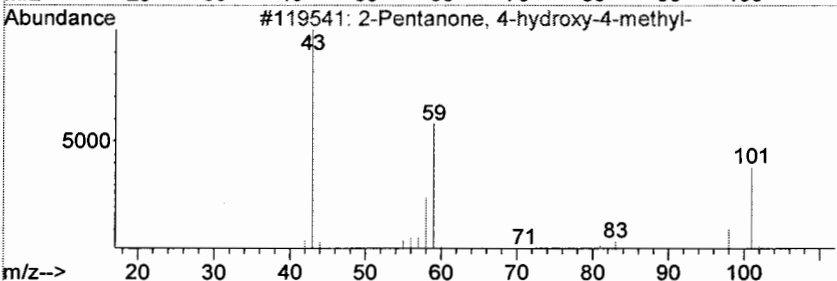
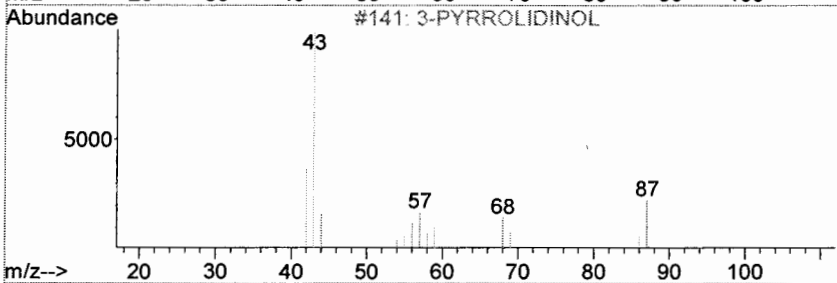
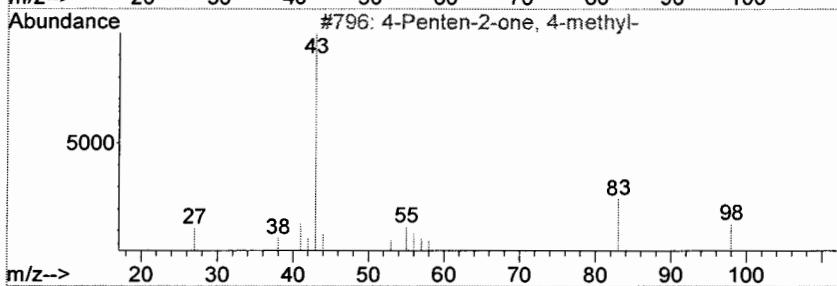
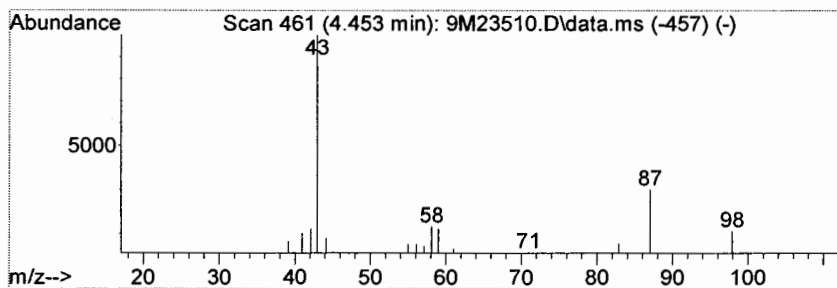
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 5 unknown Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	8.86 ng	38949	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	35
2	3-PYRROLIDINOL	87	C4H9NO	040499-83-0	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	12
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	9



Data Path : G:\GCMSData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

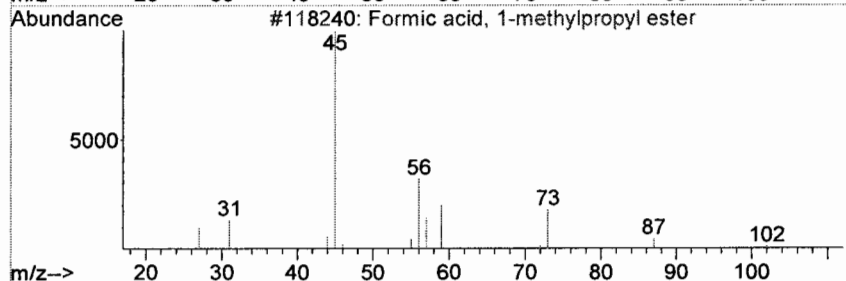
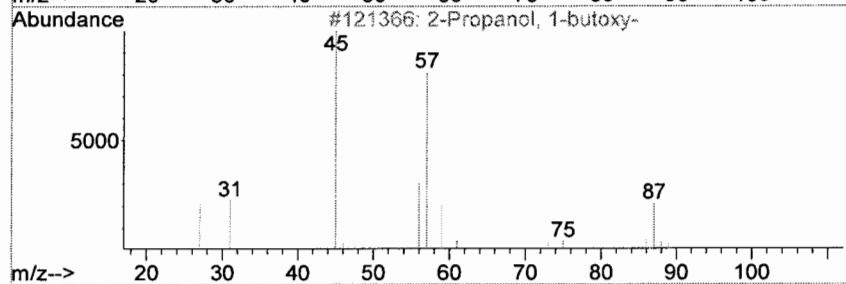
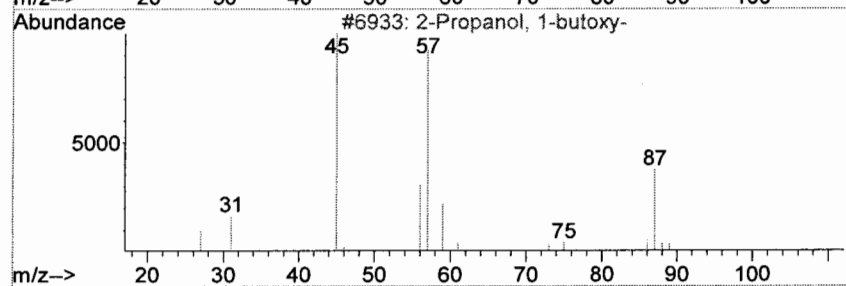
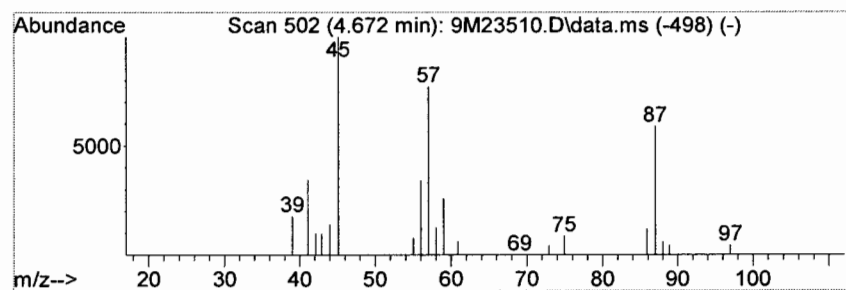
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Quant Title : @GCMS_9,mg,625,8270

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

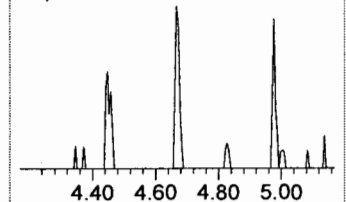
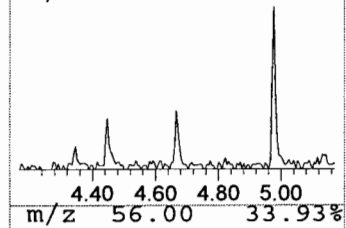
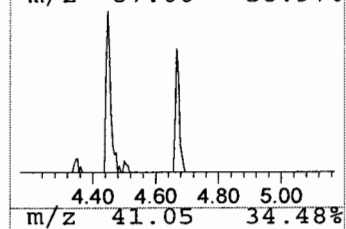
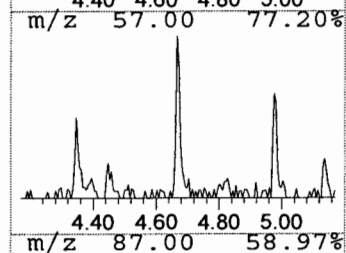
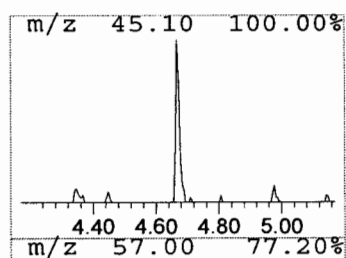
Peak Number 6 2-Propanol, 1-butoxy- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	4.90 ng	21536	LibIS-1,4-Dichlorobenzene-d4	5.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	64
2			2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	45
3			Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	33
4			Morpholine	87	C4H9NO	000110-91-8	27
5			Propane, 1,1'-oxybis[2-methyl-	130	C8H18O	000628-55-7	25



9M_0301.M Thu Mar 04 18:01:18 2010 RPT1



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 Sample Multiplier: 1

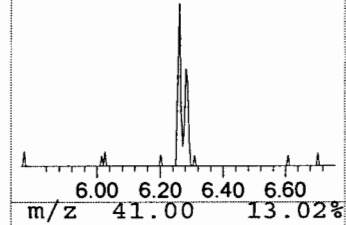
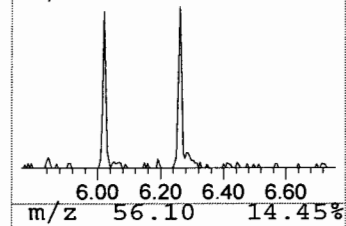
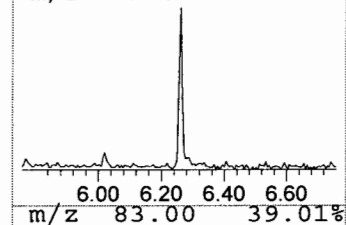
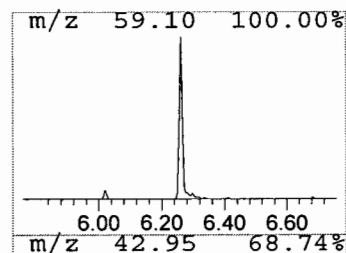
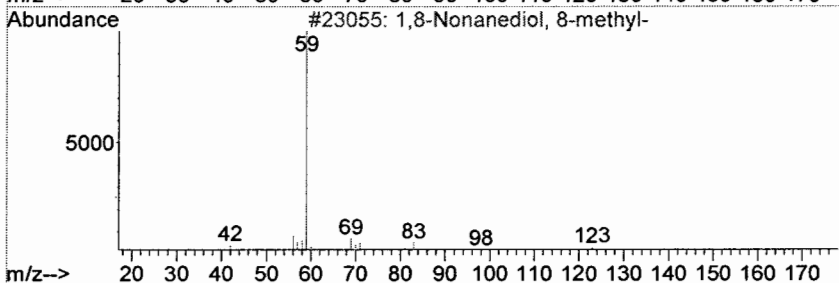
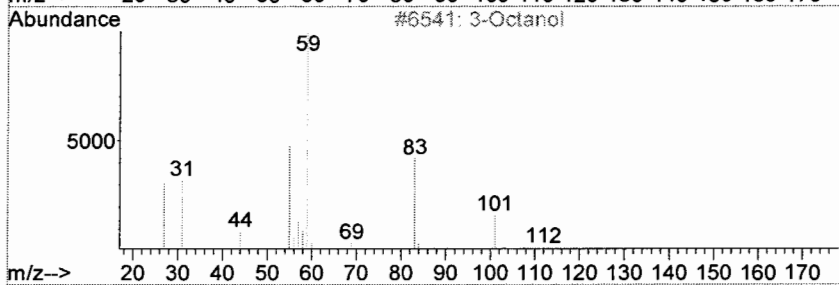
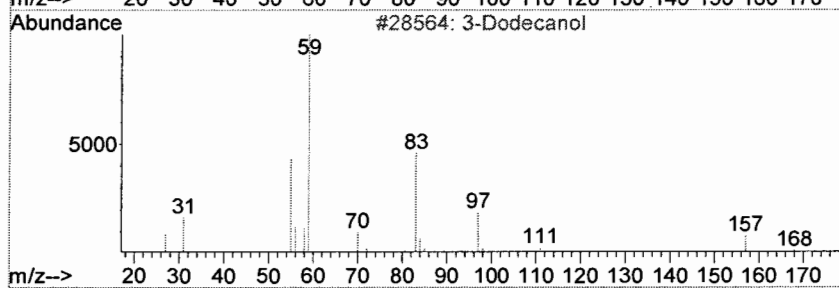
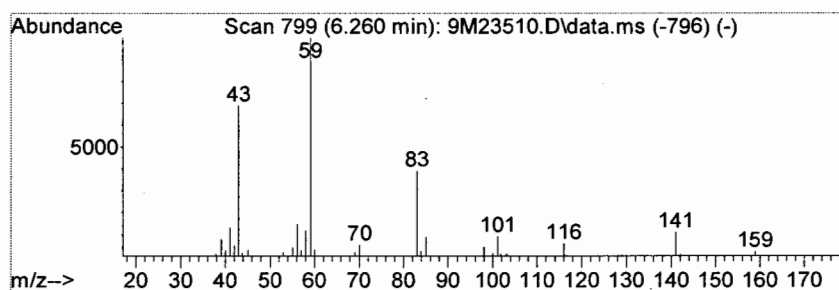
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Quant Title : @GCMS_9,mg,625,8270

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

Peak Number 7 unknown Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	6.56 ng	40129	LibIS-Naphthalene-d8	6.28

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Dodecanol	186	C12H26O	010203-30-2	40
2		3-Octanol	130	C8H18O	000589-98-0	38
3		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	38
4		6-0-Ethylhexitol 1,2,3,4,5-penta...	420	C18H27DO11	000000-00-0	37
5		2-Butanone, 3-hydroxy-3-methyl-	102	C5H10O2	000115-22-0	35



Data Path : G:\GcMsData\2010\GCMS_9\Data\03-02-10\
Data File : 9M23510.D
Acq On : 2 Mar 2010 13:14
Operator : AHD
Sample : SMB4429
Misc : S,BNA
ALS Vial : 13 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-----				
					#	ExpRT	ActRt	Resp	Conc
3-Penten-2-one, 4...	2.89	18.9	ng	83216	1	5.27	5.27	175917	40.0
unknown	3.29	5.1	ng	22526	1	5.27	5.27	175917	40.0
unknown	3.36	21.5	ng	94612	1	5.27	5.27	175917	40.0
2-Pentanone, 4-hy...	3.77	5305.2	ng	23331909	1	5.27	5.27	175917	40.0
unknown	4.45	8.9	ng	38949	1	5.27	5.27	175917	40.0
2-Propanol, 1-but...	4.67	4.9	ng	21536	1	5.27	5.27	175917	40.0
unknown	6.26	6.6	ng	40129	2	6.28	6.28	244747	40.0

Data File: 5M55836.D
 Data/Batch/Sample ID: SMB4428(MS)-So
 Date/Time: 03/02/10 09:38

Compound	Limit(s)		Col	Mr	Conc			Conc			Conc			Conc			Conc		
	Soil	Aq			Conc	Exp	% Rec	Conc	Exp	% Rec	Conc	Exp	% Rec	Conc	Exp	% Rec	Conc	Exp	% Rec
1,2,4-Trichlorobenz	40-129		1	0	51.88	50	104												
1,4-Dichlorobenzen	26-128		1	0	49.03	50	98												
2,4-Dimethylphenol	47-135		1	0	107.8	100	108												
2,4-Dinitrotoluene	30-139		1	0	49.76	50	100												
2-Chlorophenol	43-131		1	0	100.2	100	100												
2-Methylphenol	40-137		1	0	103.0	100	103												
4-Chloro-3-methylph	45-142		1	0	110.2	100	110												
4-Nitrophenol	35-146		1	0	103.5	100	104												
Acenaphthene	47-137		1	0	52.1	50	104												
Butylbenzylphthalat	45-157		1	0	53.03	50	106												
Fluorene	42-135		1	0	54.36	50	109												
Naphthalene	44-132		1	0	51.94	50	104												
N-Nitroso-di-n-propy	23-147		1	0	58.01	50	116												
Pentachlorophenol	38-132		1	0	102.1	100	102												
Phenol	35-130		1	0	90.33	100	90												
Pyrene	45-167		1	0	52.47	50	105												

SampleID : SMB4428(MS)
 Data File: 5M55836.D
 Acq On : 03/ 2/10 09:38

Operator : AHD
 Sam Mult : 1 Vial# : 4
 Misc : S,BNA

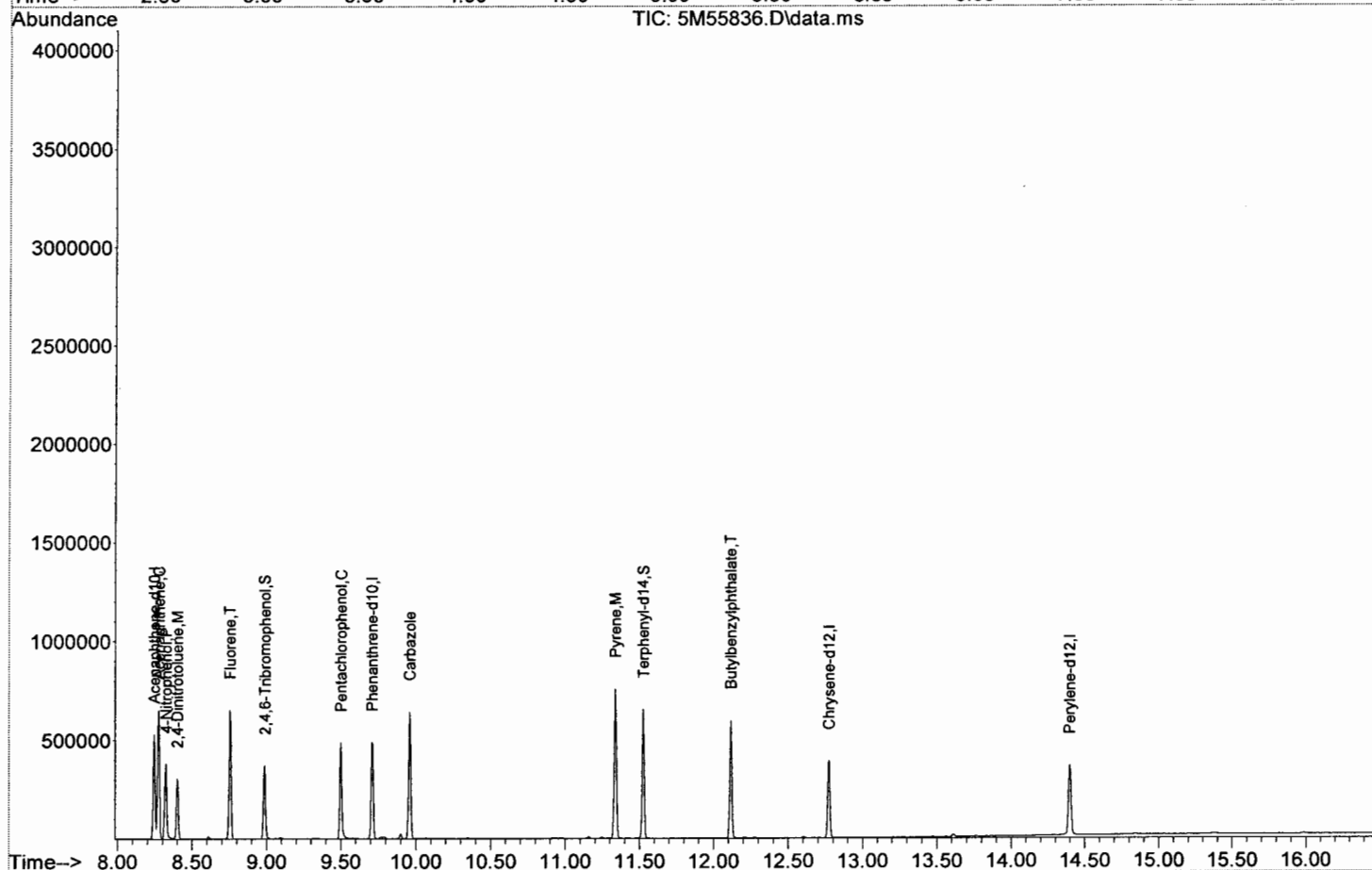
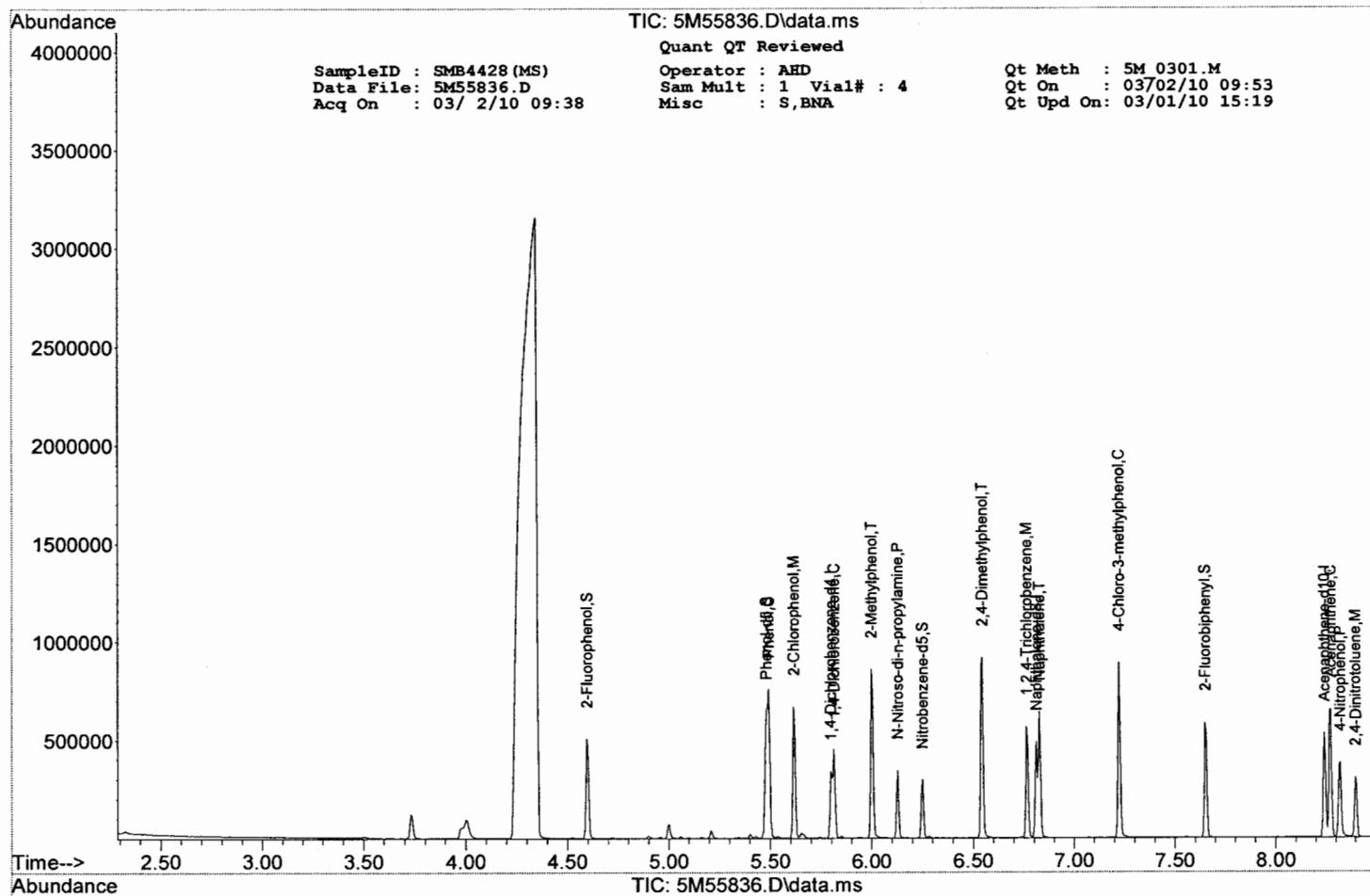
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 Qt On : 03/02/10 09:53
 Qt Upd On: 03/01/10 15:19

Data Path : G:\GCMSData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	44592	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	174737	40.00	ng	0.00
47) Acenaphthene-d10	8.244	164	106500	40.00	ng	0.00
73) Phenanthrene-d10	9.708	188	184028	40.00	ng	0.00
87) Chrysene-d12	12.774	240	153725	40.00	ng	0.00
102) Perylene-d12	14.398	264	142706	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.595	112	134655	84.27	ng	0.00
Spiked Amount 100.000			Recovery	=	84.27%	
15) Phenol-d5	5.482	99	204388	92.34	ng	0.00
Spiked Amount 100.000			Recovery	=	92.34%	
30) Nitrobenzene-d5	6.251	128	36640	49.08	ng	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
52) 2-Fluorobiphenyl	7.651	172	165526	47.15	ng	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
76) 2,4,6-Tribromophenol	8.987	330	31660	110.43	ng	0.00
Spiked Amount 100.000			Recovery	=	110.43%	
90) Terphenyl-d14	11.524	244	208329	49.18	ng	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
16) Phenol	5.493	94	213219	90.33	ng	86
17) 2-Chlorophenol	5.616	128	157348	100.18	ng	85
20) 1,4-Dichlorobenzene	5.813	146	83399	49.03	ng	98
24) 2-Methylphenol	6.000	108	154583	103.03	ng	98
27) N-Nitroso-di-n-propyla...	6.128	70	65176	58.01	ng	63
34) 2,4-Dimethylphenol	6.545	107	176289	107.83	ng	99
38) 1,2,4-Trichlorobenzene	6.764	180	75721	51.88	ng	97
39) Naphthalene	6.828	128	233287	51.94	ng	100
43) 4-Chloro-3-methylphenol	7.224	107	157744	110.22	ng	90
61) Acenaphthene	8.276	153	158058	52.10	ng	97
65) 2,4-Dinitrotoluene	8.399	165	50257	49.76	ng	75
66) 4-Nitrophenol	8.324	65	63490	103.52	ng	81
68) Fluorene	8.752	166	189338	54.36	ng	99
81) Pentachlorophenol	9.499	266	50124	102.07	ng	97
84) Carbazole	9.959	167	259712	52.58	ng	98
88) Pyrene	11.337	202	326792	52.47	ng	89
94) Butylbenzylphthalate	12.117	149	143381	53.03	ng	91

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

be



FORM 3
Spike Recovery

0965

Batch Number: SMB4418

Mbs File: 9M23358.D

Mbs Date: 02/18/10 10:04

Mbs Name: SMB4418(MS)

Non Spk'd File: 9M23359.D

Non Spk'd Date: 02/18/10 10:27

Ns Name: AC49760-001

Spike File: 9M23360.D

Spike Date : 02/18/10 10:49

Ms Name: AC49760-001(MS)

Spike Dup File: 9M23361.D

Spike Dup Date: 02/18/10 11:13

Msd Name: AC49760-001(MSD)

Matrix: Soil

Method: EPA 8270C

Compound	C#	Co	Mr	Conc Exp	Lo Lim	Hi Lim	Rpd Lim	Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
Phenol	16	1	0	100	35	130	31	81.39	0.00	80.87	83.78	81	81	84	3.5
2-Chlorophenol	17	1	0	100	43	131	32	82.10	0.00	75.40	80.89	82	75	81	7
1,4-Dichlorobenzene	20	1	0	50	26	128	41	37.61	0.00	31.00	34.26	75	62	69	10
2-Methylphenol	24	1	0	100	40	137	32	83.36	0.00	79.50	84.61	83	80	85	6.2
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	41.45	0.00	89.12	106.66	83	178 Mo	213 Mo	18
2,4-Dimethylphenol	34	1	0	100	47	135	32	90.20	0.00	127.60	96.69	90	128	97	28
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	38.97	0.00	35.22	39.38	78	70	79	11
Naphthalene	39	1	0	50	44	132	41	40.83	0.00	44.29	39.04	82	89	78	13
4-Chloro-3-methylphe	43	1	0	100	45	142	32	102.36	0.00	93.86	97.94	102	94	98	4.3
Acenaphthene	61	1	0	50	47	137	58	42.73	0.00	37.91	41.18	85	76	82	8.3
2,4-Dinitrotoluene	65	1	0	50	30	139	47	46.67	0.00	41.13	41.71	93	82	83	1.4
4-Nitrophenol	66	1	0	100	35	146	36	107.64	0.00	107.48	105.74	108	107	106	1.6
Fluorene	68	1	0	50	42	135	43	45.98	0.00	42.99	43.85	92	86	88	2
Pentachlorophenol	81	1	0	100	38	132	37	117.24	0.00	107.32	108.91	117	107	109	1.5
Pyrene	88	1	0	50	45	167	53	45.09	0.00	44.39	50.20	90	89	100	12
Butylbenzylphthalate	94	1	0	50	45	157	40	45.93	0.00	36.93	38.68	92	74	77	4.6

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

SampleID : SMB4418(MS)
 Data File: 9M23358.D
 Acq On : 02/18/10 10:04

Operator : AHD
 Sam Mult : 1 Vial# : 3
 Misc : S,BNA

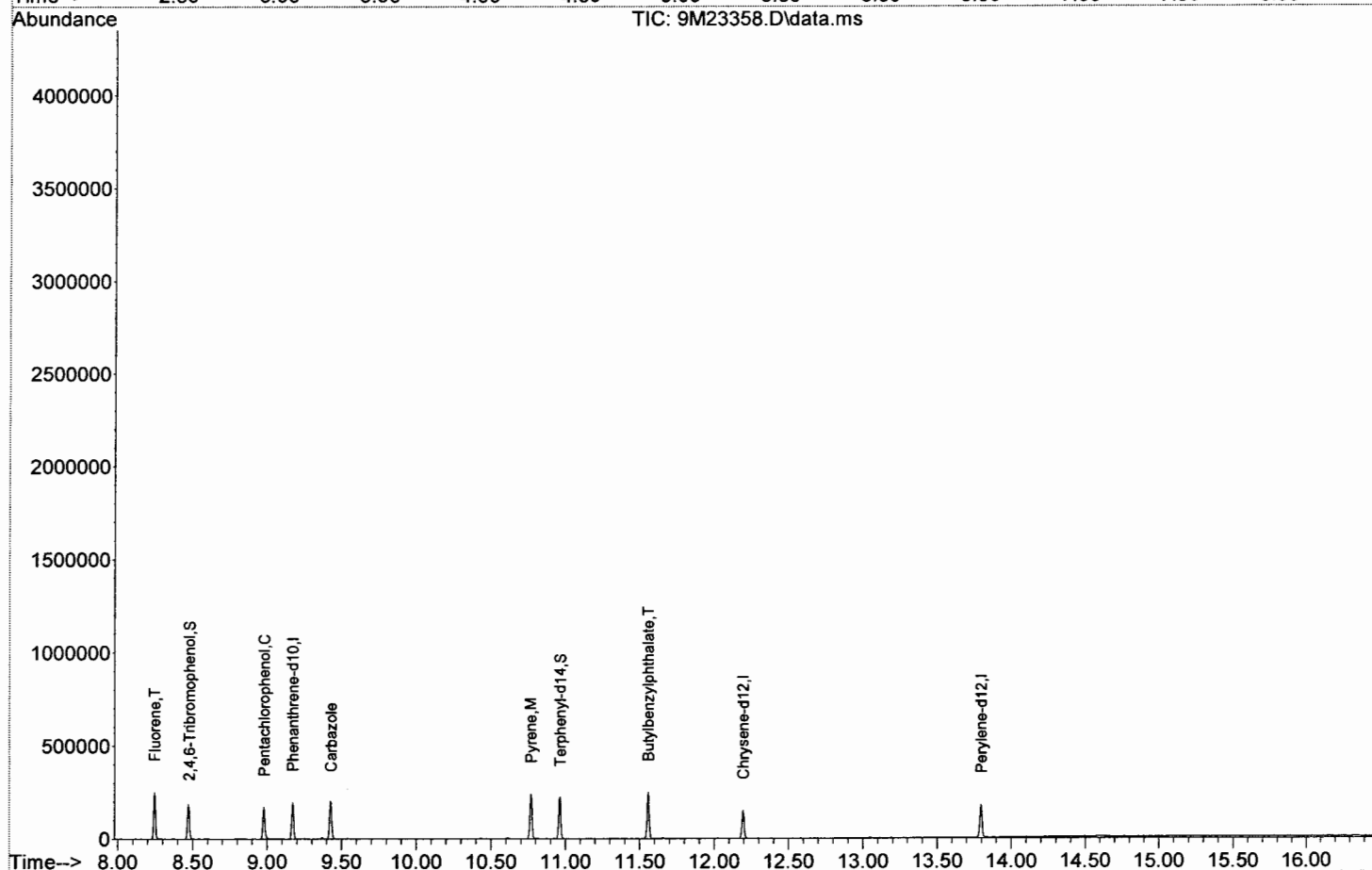
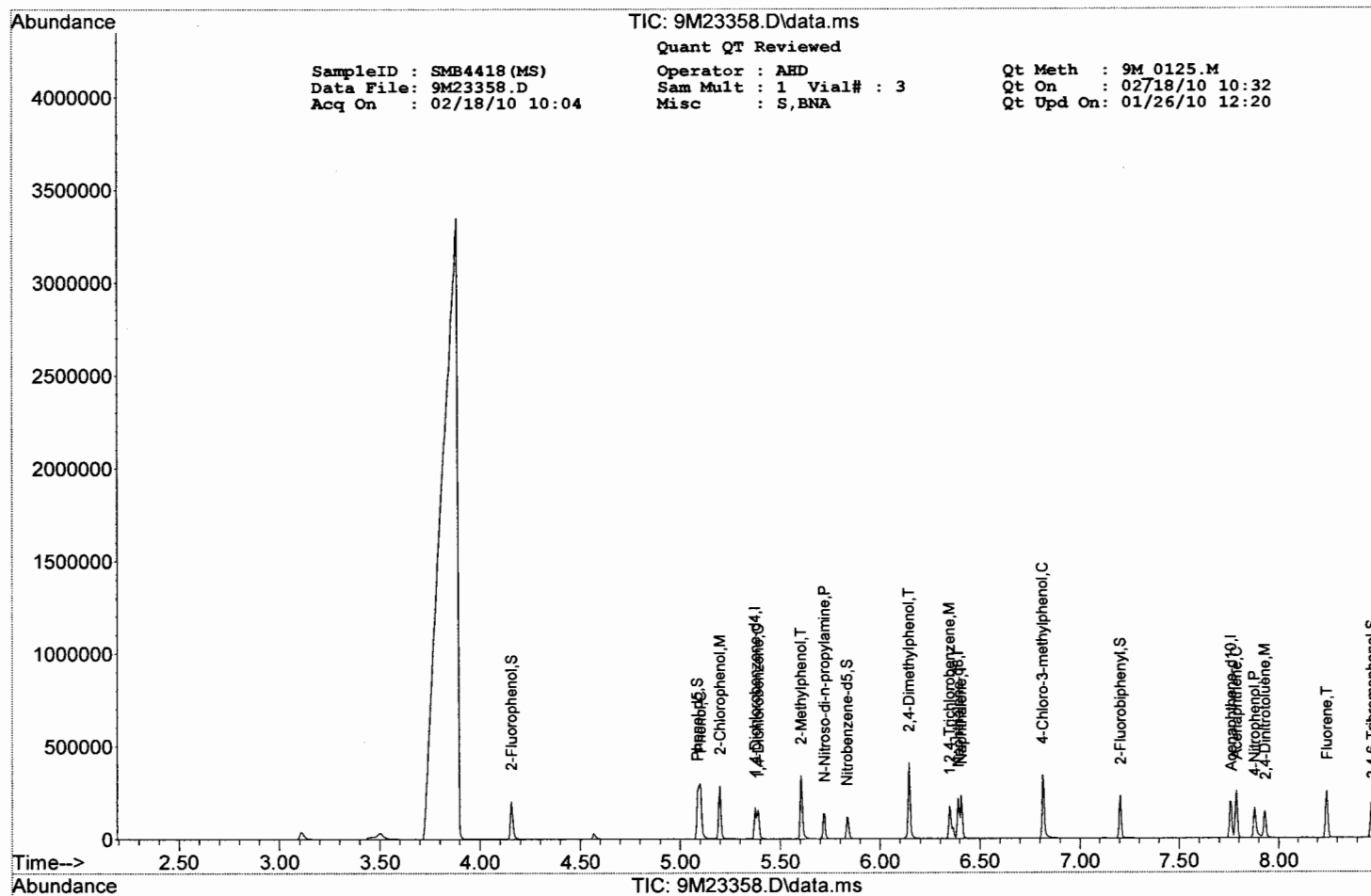
Qt Meth : 9M_0125.M
 Qt On : 02/18/10 10:32
 Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-18-10\
 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	5.375	152	16268	40.00	ng	-0.10
29) Naphthalene-d8	6.391	136	61895	40.00	ng	-0.10
47) Acenaphthene-d10	7.760	164	35120	40.00	ng	-0.11
73) Phenanthrene-d10	9.172	188	55469	40.00	ng	-0.12
87) Chrysene-d12	12.194	240	50407	40.00	ng	-0.13
102) Perylene-d12	13.799	264	55425	40.00	ng	-0.13
System Monitoring Compounds						
10) 2-Fluorophenol	4.155	112	40955	81.14	ng	-0.09
Spiked Amount 100.000			Recovery	=	81.14%	
15) Phenol-d5	5.086	99	63611	84.79	ng	-0.09
Spiked Amount 100.000			Recovery	=	84.79%	
30) Nitrobenzene-d5	5.835	128	10850	39.97	ng	-0.10
Spiked Amount 50.000			Recovery	=	79.94%	
52) 2-Fluorobiphenyl	7.204	172	49798	40.63	ng	-0.10
Spiked Amount 50.000			Recovery	=	81.26%	
76) 2,4,6-Tribromophenol	8.477	330	12863	124.42	ng	-0.11
Spiked Amount 100.000			Recovery	=	124.42%	
90) Terphenyl-d14	10.964	244	62212	44.05	ng	-0.12
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
16) Phenol	5.102	94	65064	81.39	ng	98
17) 2-Chlorophenol	5.198	128	47135	82.10	ng	88
20) 1,4-Dichlorobenzene	5.391	146	24557	37.61	ng	97
24) 2-Methylphenol	5.605	108	45642	83.36	ng	100
27) N-Nitroso-di-n-propyla...	5.722	70	21155	41.45	ng	94
34) 2,4-Dimethylphenol	6.145	107	55040	90.20	ng	95
38) 1,2,4-Trichlorobenzene	6.348	180	20325	38.97	ng	99
39) Naphthalene	6.407	128	69209	40.83	ng	99
43) 4-Chloro-3-methylphenol	6.814	107	53711	102.36	ng	99
61) Acenaphthene	7.787	153	48049	42.73	ng	97
65) 2,4-Dinitrotoluene	7.931	165	17869	46.67	ng	86
66) 4-Nitrophenol	7.878	65	25674	107.64	ng	89
68) Fluorene	8.247	166	57344	45.98	ng	100
81) Pentachlorophenol	8.980	266	16271	117.24	ng	97
84) Carbazole	9.429	167	76964	45.47	ng	97
88) Pyrene	10.766	202	92296	45.09	ng	95
94) Butylbenzylphthalate	11.558	149	49805	45.93	ng	84

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

lu



SampleID : AC49760-001
 Data File: 9M23359.D
 Acq On : 02/18/10 10:27

Operator : AHD
 Sam Mult : 1 Vial# : 4
 Misc : S,BNA

Qt Meth : 9M_0125.M
 Qt On : 02/18/10 10:44
 Qt Upd On: 01/26/10 12:20

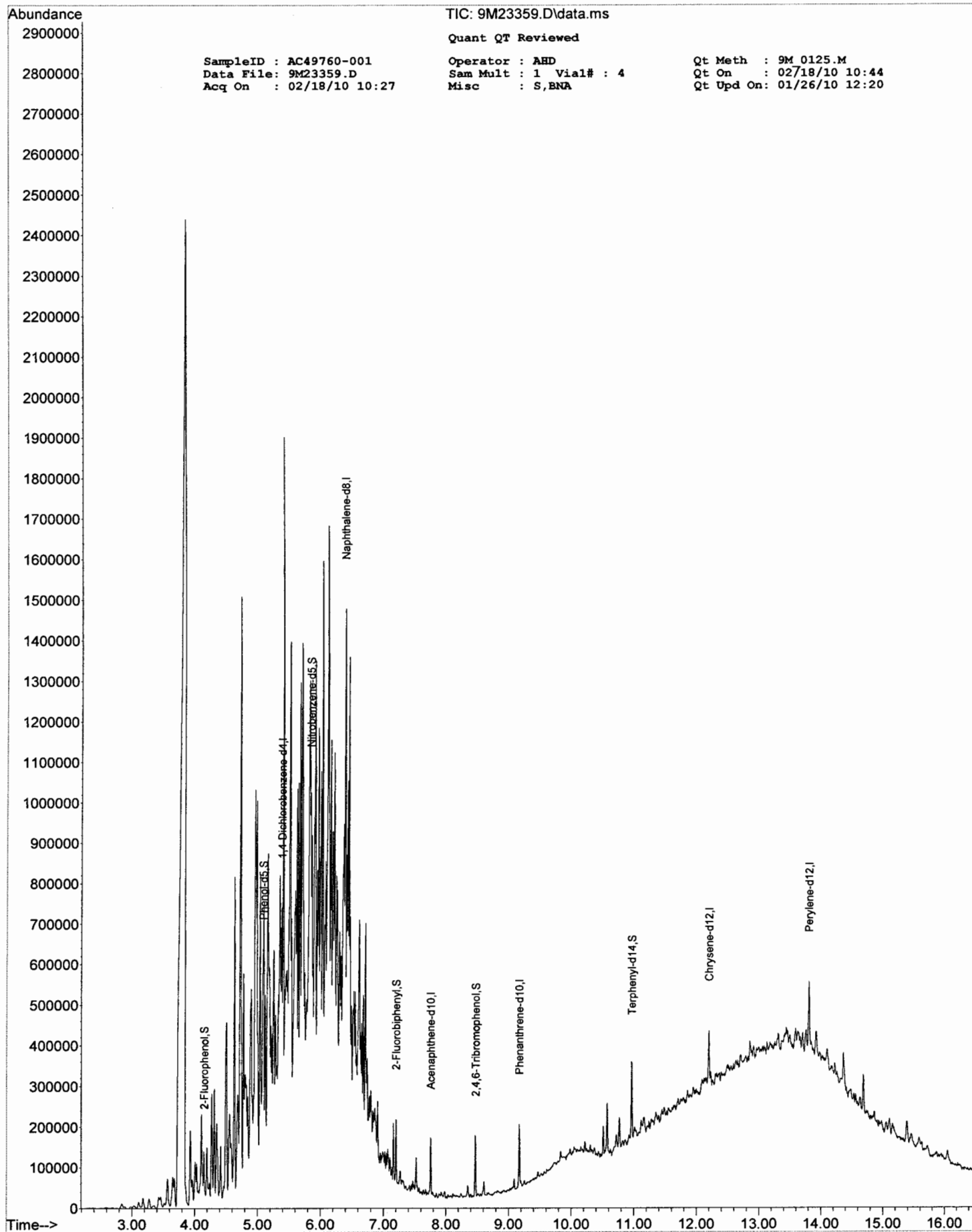
Data Path : G:\GCMSData\2010\GCMS_9\Data\02-18-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_9\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.380	152	8092	40.00	ng	-0.09
29) Naphthalene-d8	6.396	136	32615	40.00	ng	-0.09
47) Acenaphthene-d10	7.760	164	24500	40.00	ng	-0.11
73) Phenanthrene-d10	9.172	188	45631	40.00	ng	-0.12
87) Chrysene-d12	12.205	240	43181	40.00	ng	-0.12
102) Perylene-d12	13.815	264	42626	40.00	ng	-0.11
System Monitoring Compounds						
10) 2-Fluorophenol	4.150	112	24686	98.32	ng	-0.10
Spiked Amount 100.000			Recovery	=	98.32%	
15) Phenol-d5	5.086	99	36230	97.09	ng	-0.09
Spiked Amount 100.000			Recovery	=	97.09%	
30) Nitrobenzene-d5	5.840	128	7773m	54.35	ng	-0.09
Spiked Amount 50.000			Recovery	=	108.70%	
52) 2-Fluorobiphenyl	7.204	172	33641	39.34	ng	-0.10
Spiked Amount 50.000			Recovery	=	78.68%	
76) 2,4,6-Tribromophenol	8.477	330	10437	122.72	ng	-0.11
Spiked Amount 100.000			Recovery	=	122.72%	
90) Terphenyl-d14	10.969	244	53623	44.32	ng	-0.12
Spiked Amount 50.000			Recovery	=	88.64%	

Target Compounds Qvalue

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

lu



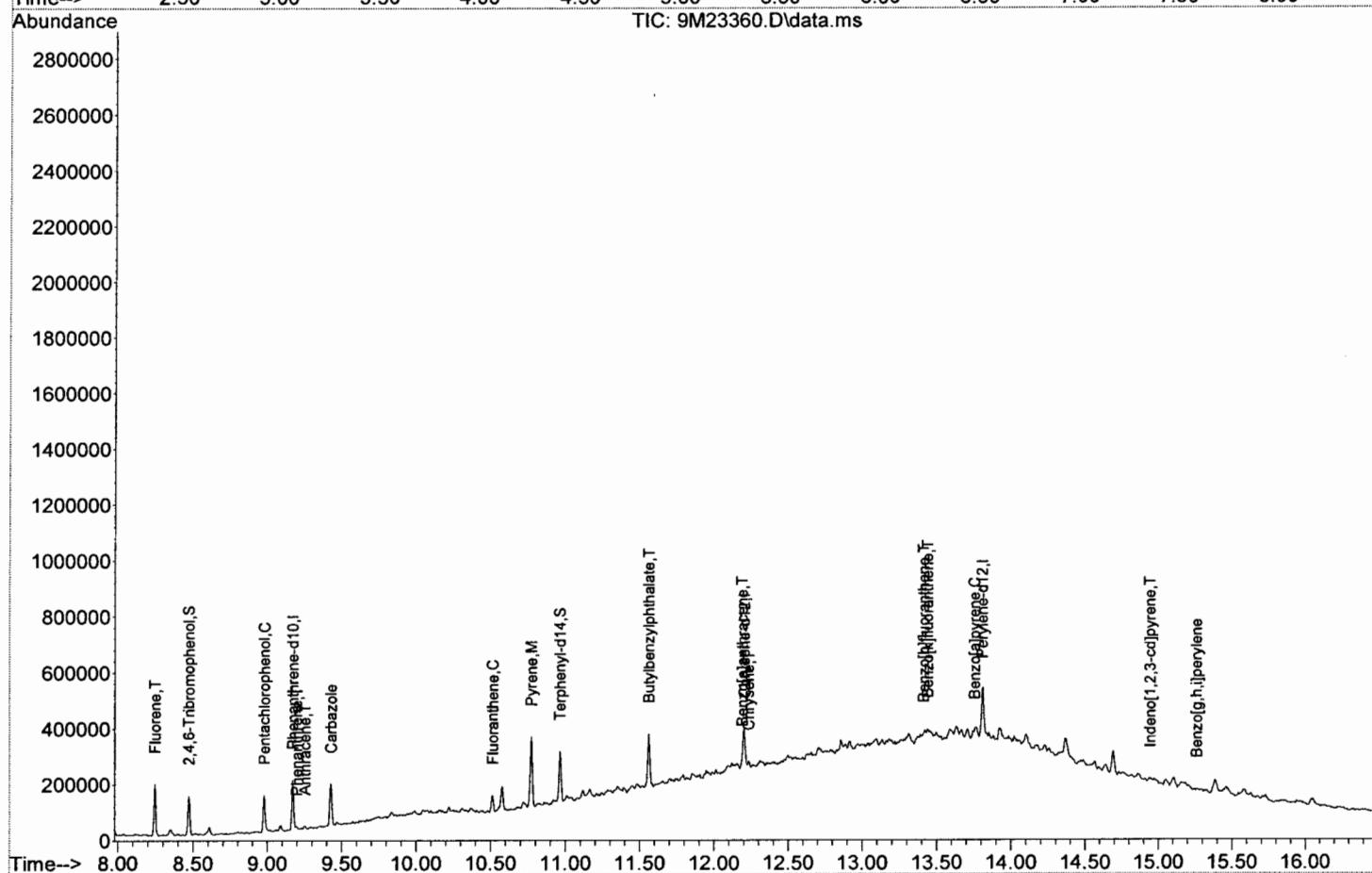
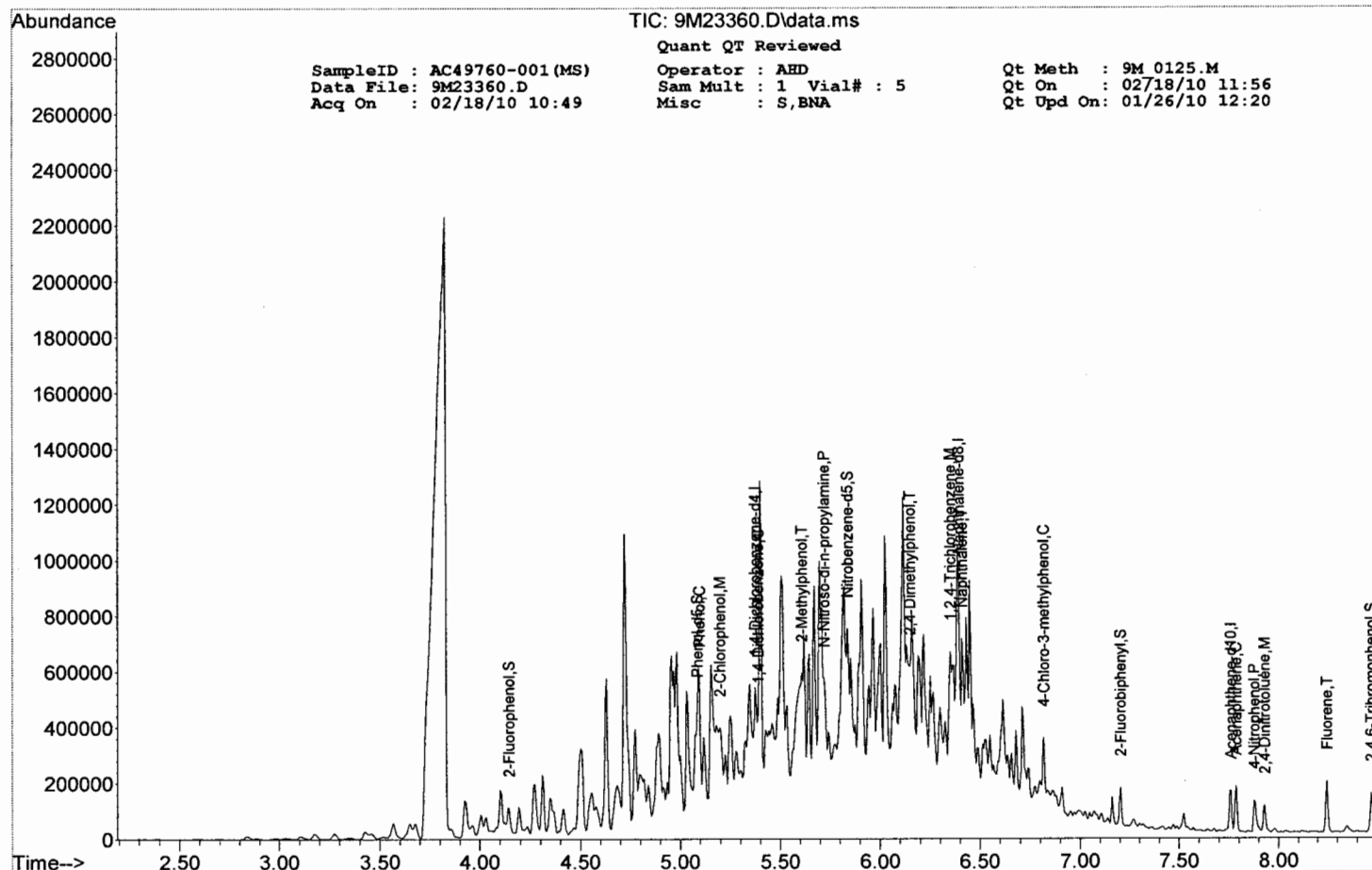
SampleID : AC49760-001(MS) Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M23360.D Sam Mult : 1 Vial# : 5 Qt On : 02/18/10 11:56
 Acq On : 02/18/10 10:49 Misc : S,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GCMSData\2010\GCMS_9\Data\02-18-10\
 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	5.375	152	9009	40.00	ng	-0.10
29) Naphthalene-d8	6.396	136	34966	40.00	ng	-0.09
47) Acenaphthene-d10	7.760	164	25259	40.00	ng	-0.11
73) Phenanthrene-d10	9.172	188	48382	40.00	ng	-0.12
87) Chrysene-d12	12.205	240	47552	40.00	ng	-0.12
102) Perylene-d12	13.809	264	51400	40.00	ng	-0.12
System Monitoring Compounds						
10) 2-Fluorophenol	4.144	112	21439	76.70	ng	-0.10
Spiked Amount 100.000			Recovery =	76.70%		
15) Phenol-d5	5.086	99	31788	76.51	ng	-0.09
Spiked Amount 100.000			Recovery =	76.51%		
30) Nitrobenzene-d5	5.840	128	8295	54.10	ng	-0.09
Spiked Amount 50.000			Recovery =	108.20%		
52) 2-Fluorobiphenyl	7.204	172	29431	33.38	ng	-0.10
Spiked Amount 50.000			Recovery =	66.76%		
76) 2,4,6-Tribromophenol	8.472	330	9282	102.94	ng	-0.12
Spiked Amount 100.000			Recovery =	102.94%		
90) Terphenyl-d14	10.964	244	48462	36.38	ng	-0.12
Spiked Amount 50.000			Recovery =	72.76%		
Target Compounds						
16) Phenol	5.097	94	35800	80.87	ng	92
17) 2-Chlorophenol	5.198	128	23971	75.40	ng	91
20) 1,4-Dichlorobenzene	5.391	146	11209	31.00	ng	96
24) 2-Methylphenol	5.610	108	24106	79.50	ng	98
27) N-Nitroso-di-n-propyla...	5.722	70	25186	89.12	ng	99
34) 2,4-Dimethylphenol	6.150	107	43986	127.60	ng	94
38) 1,2,4-Trichlorobenzene	6.353	180	10378	35.22	ng	99
39) Naphthalene	6.412	128	42415	44.29	ng	85
43) 4-Chloro-3-methylphenol	6.819	107	27823	93.86	ng	95
61) Acenaphthene	7.787	153	30662	37.91	ng	94
65) 2,4-Dinitrotoluene	7.931	165	11327	41.13	ng	76
66) 4-Nitrophenol	7.878	65	18436	107.48	ng	98
68) Fluorene	8.247	166	38558	42.99	ng	94
81) Pentachlorophenol	8.980	266	12794	107.32	ng	94
82) Phenanthrene	9.199	178	3443	2.29	ng	97
83) Anthracene	9.252	178	2835	1.86	ng	78
84) Carbazole	9.429	167	56752	38.44	ng	97
86) Fluoranthene	10.515	202	20294	12.62	ng	96
88) Pyrene	10.771	202	85721	44.39	ng	98
94) Butylbenzylphthalate	11.563	149	37773	36.93	ng	84
99) Benzo[a]anthracene	12.189	228	7478	4.18	ng	98
100) Chrysene	12.232	228	8427	5.01	ng	91
104) Benzo[b]fluoranthene	13.414	252	10959m	6.32	ng	
105) Benzo[k]fluoranthene	13.440	252	4542m	2.78	ng	
106) Benzo[a]pyrene	13.756	252	5890	3.65	ng	83
107) Indeno[1,2,3-cd]pyrene	14.943	276	4246m	2.52	ng	
109) Benzo[g,h,i]perylene	15.259	276	3925	2.73	ng	84

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

ll



SampleID : AC49760-001(MSD) Operator : AHD Qt Meth : 9M_0125.M
 Data File: 9M23361.D Sam Mult : 1 Vial# : 6 Qt On : 02/18/10 11:57
 Acq On : 02/18/10 11:13 Misc : S,BNA Qt Upd On: 01/26/10 12:20

Data Path : G:\GcMsData\2010\GCMS_9\Data\02-18-10\
 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	5.380	152	9799	40.00	ng	-0.09
29) Naphthalene-d8	6.396	136	39242	40.00	ng	-0.09
47) Acenaphthene-d10	7.760	164	27817	40.00	ng	-0.11
73) Phenanthrene-d10	9.172	188	52248	40.00	ng	-0.12
87) Chrysene-d12	12.205	240	50020	40.00	ng	-0.12
102) Perylene-d12	13.815	264	48061	40.00	ng	-0.11
System Monitoring Compounds						
10) 2-Fluorophenol	4.150	112	26174	86.09	ng	-0.10
Spiked Amount 100.000			Recovery	=	86.09%	
15) Phenol-d5	5.086	99	38703	85.65	ng	-0.09
Spiked Amount 100.000			Recovery	=	85.65%	
30) Nitrobenzene-d5	5.840	128	9946	57.79	ng	-0.09
Spiked Amount 50.000			Recovery	=	115.58%	
52) 2-Fluorobiphenyl	7.204	172	36488	37.58	ng	-0.10
Spiked Amount 50.000			Recovery	=	75.16%	
76) 2,4,6-Tribromophenol	8.477	330	11240	115.43	ng	-0.11
Spiked Amount 100.000			Recovery	=	115.43%	
90) Terphenyl-d14	10.969	244	55732	39.77	ng	-0.12
Spiked Amount 50.000			Recovery	=	79.54%	
Target Compounds						
						Qvalue
16) Phenol	5.102	94	40340	83.78	ng	98
17) 2-Chlorophenol	5.198	128	27973	80.89	ng	96
20) 1,4-Dichlorobenzene	5.391	146	13475	34.26	ng	95
24) 2-Methylphenol	5.610	108	27904	84.61	ng	93
27) N-Nitroso-di-n-propyla...	5.722	70	32786	106.66	ng	96
34) 2,4-Dimethylphenol	6.150	107	37406	96.69	ng	95
38) 1,2,4-Trichlorobenzene	6.359	180	13022	39.38	ng	99
39) Naphthalene	6.412	128	41954	39.04	ng	91
43) 4-Chloro-3-methylphenol	6.819	107	32583	97.94	ng	91
61) Acenaphthene	7.787	153	36676	41.18	ng	93
65) 2,4-Dinitrotoluene	7.931	165	12651	41.71	ng	85
66) 4-Nitrophenol	7.878	65	19945	105.74	ng	95
68) Fluorene	8.247	166	43310	43.85	ng	96
81) Pentachlorophenol	8.985	266	14056	108.91	ng	96
82) Phenanthrene	9.199	178	4351	2.68	ng	98
83) Anthracene	9.252	178	3975	2.41	ng	84
84) Carbazole	9.429	167	64980	40.76	ng	97
86) Fluoranthene	10.515	202	29022	16.71	ng	93
88) Pyrene	10.772	202	101979	50.20	ng	92
94) Butylbenzylphthalate	11.563	149	41624	38.68	ng	84
99) Benzo[a]anthracene	12.194	228	13860	7.37	ng	96
100) Chrysene	12.237	228	18136	10.25	ng	92
104) Benzo[b]fluoranthene	13.414	252	22889	14.12	ng	97
105) Benzo[k]fluoranthene	13.440	252	7701m	5.05	ng	
106) Benzo[a]pyrene	13.756	252	14530	9.64	ng	97
107) Indeno[1,2,3-cd]pyrene	14.943	276	11097	7.04	ng	85
108) Dibenzo[a,h]anthracene	14.954	278	3570m	2.83	ng	
109) Benzo[g,h,i]perylene	15.259	276	9821	7.31	ng	86

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

W

FORM 3
Spike Recovery

0974

Batch Number: SMB4429

Mbs File: 5M55847.D

Mbs Date: 03/02/10 13:42

Mbs Name: SMB4429(MS)

Non Spk'd File: 5M55852.D

Non Spk'd Date: 03/02/10 15:34

Ns Name: AC49957-006

Spike File: 5M55853.D

Spike Date : 03/02/10 15:57

Ms Name: AC49957-006(MS)

Spike Dup File: 5M55854.D

Spike Dup Date: 03/02/10 16:19

Msd Name: AC49957-006(MSD)

Matrix: Soil

Method: EPA 8270C

Compound	C#	Co	Mr	Conc				Mbs Conc	Sample Conc	Spike Conc	Spike Dup Conc	Mbs Rec	MS Rec	Msd Rec	Rpd
				Exp	Lo Lim	Hi Lim	Rpd Lim								
Phenol	16	1	0	100	35	130	31	90.90	0.00	81.78	73.40	91	82	73	11
2-Chlorophenol	17	1	0	100	43	131	32	101.31	0.00	94.32	84.54	101	94	85	11
1,4-Dichlorobenzene	20	1	0	50	26	128	41	48.94	0.00	46.76	41.78	98	94	84	11
2-Methylphenol	24	1	0	100	40	137	32	103.29	0.00	93.49	85.55	103	93	86	8.9
N-Nitroso-di-n-propyla	27	1	0	50	23	147	39	57.48	0.00	51.15	46.41	115	102	93	9.7
2,4-Dimethylphenol	34	1	0	100	47	135	32	107.10	0.00	111.96	101.76	107	112	102	9.5
1,2,4-Trichlorobenzen	38	1	0	50	40	129	39	52.05	0.00	51.62	46.40	104	103	93	11
Naphthalene	39	1	0	50	44	132	41	51.97	0.00	53.08	48.37	104	106	97	9.3
4-Chloro-3-methylphe	43	1	0	100	45	142	32	106.77	0.00	93.31	84.68	107	93	85	9.7
Acenaphthene	61	1	0	50	47	137	58	51.95	0.00	60.40	56.63	104	121	113	6.4
2,4-Dinitrotoluene	65	1	0	50	30	139	47	48.68	0.00	47.45	41.80	97	95	84	13
4-Nitrophenol	66	1	0	100	35	146	36	94.91	0.00	87.18	77.71	95	87	78	11
Fluorene	68	1	0	50	42	135	43	54.83	0.00	56.74	53.00	110	113	106	6.8
Pentachlorophenol	81	1	0	100	38	132	37	90.64	0.00	98.31	81.01	91	98	81	19
Pyrene	88	1	0	50	45	167	53	54.73	0.00	45.13	42.92	109	90	86	5
Butylbenzylphthalate	94	1	0	50	45	157	40	53.72	0.00	46.33	41.96	107	93	84	9.9

Note:

Rp = Failed Rpd Criteria

Mo = Failed Recovery Criteria

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

SampleID : SMB4429(MS)
 Data File: 5M55847.D
 Acq On : 03/ 2/10 13:42

Operator : AHD
 Sam Mult : 1 Vial# : 15
 Misc : S,BNA

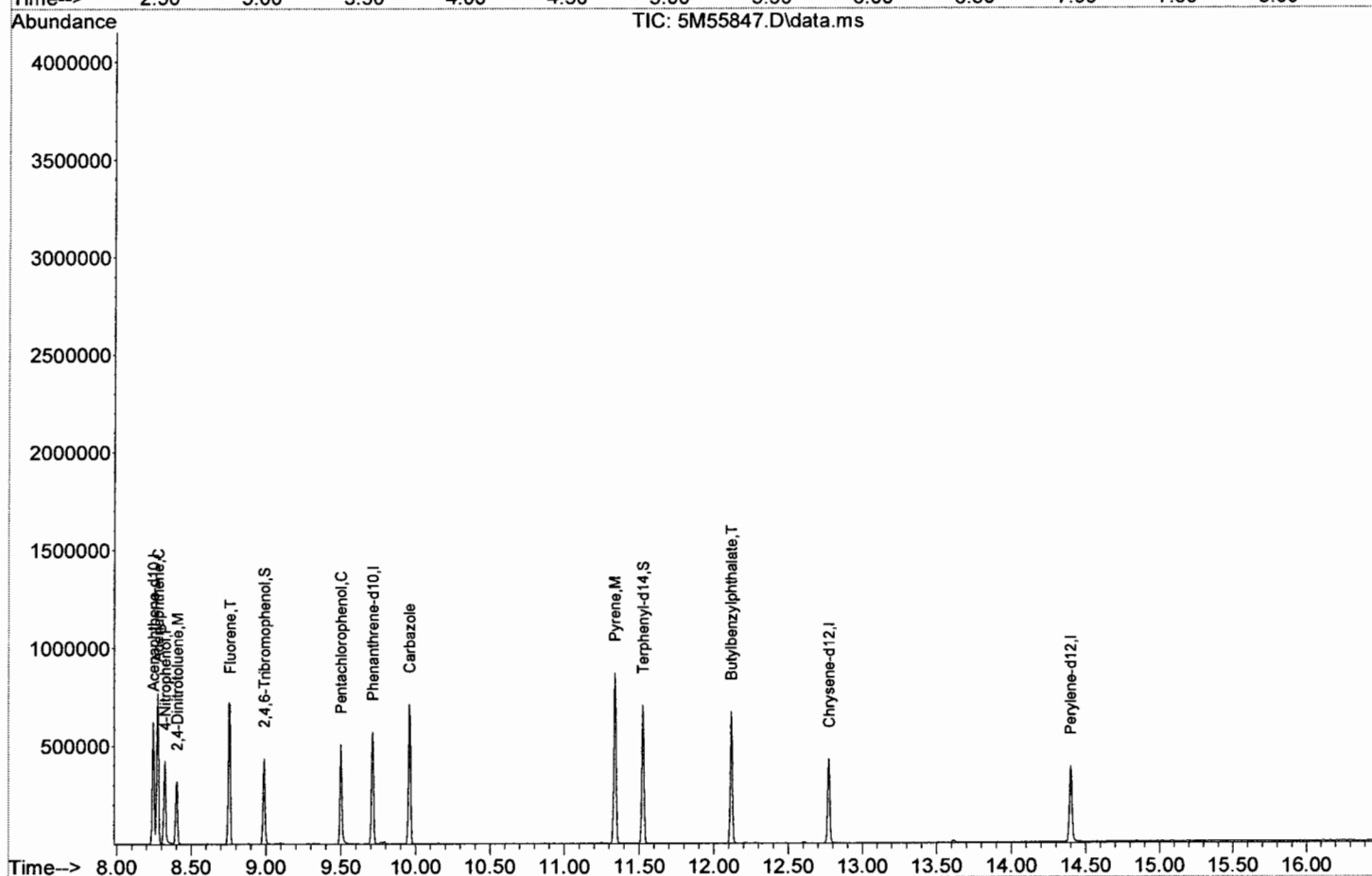
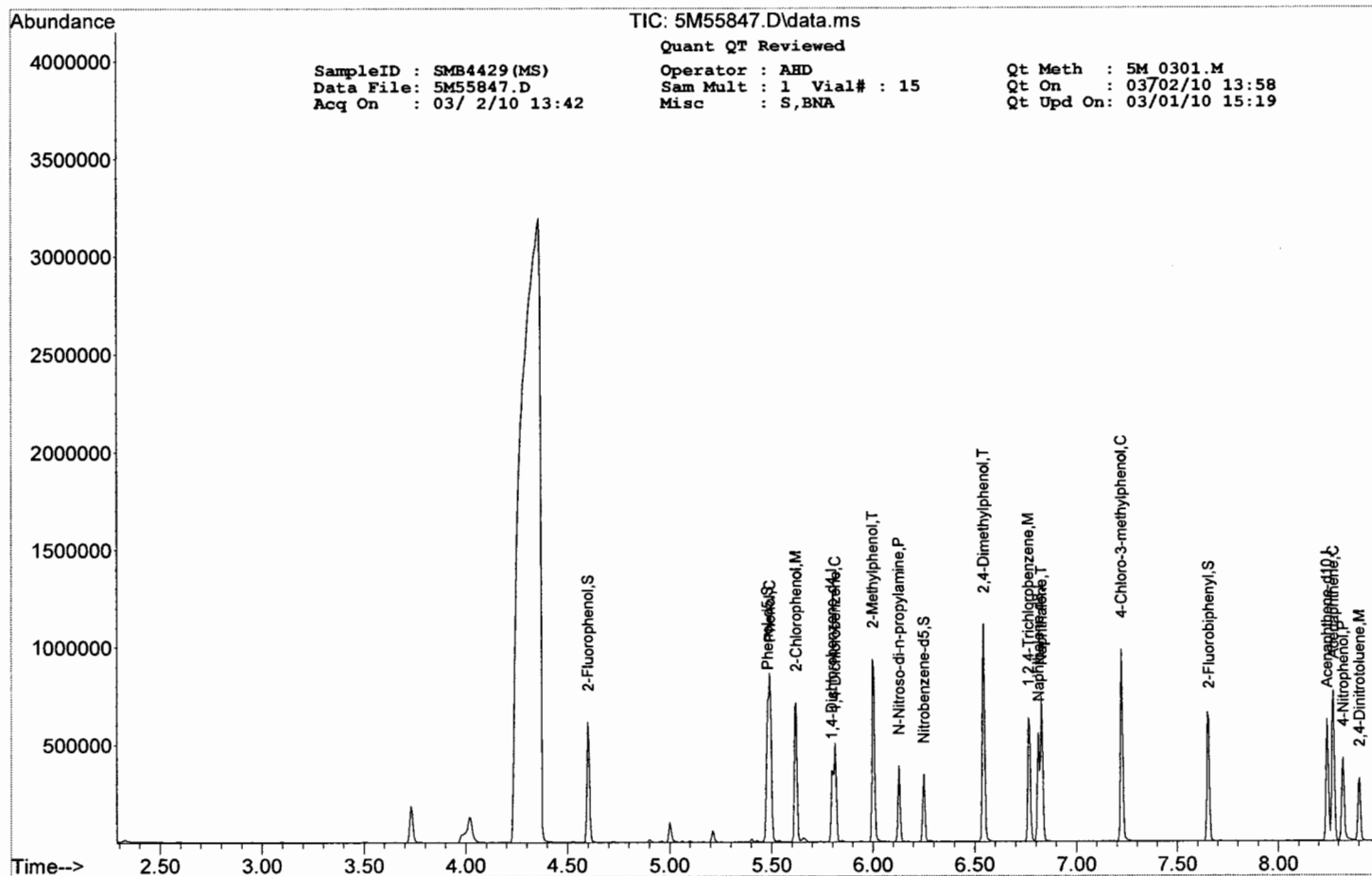
Qt Meth : 5M_0301.M
 Qt On : 03/02/10 13:58
 Qt Upd On: 03/01/10 15:19

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	50992	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	201326	40.00	ng	0.00
47) Acenaphthene-d10	8.244	164	121738	40.00	ng	0.00
73) Phenanthrene-d10	9.713	188	210968	40.00	ng	0.00
87) Chrysene-d12	12.774	240	169541	40.00	ng	0.00
102) Perylene-d12	14.398	264	153121	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.601	112	155690	85.21	ng	0.01
Spiked Amount 100.000			Recovery	=	85.21%	
15) Phenol-d5	5.482	99	236209	93.32	ng	0.00
Spiked Amount 100.000			Recovery	=	93.32%	
30) Nitrobenzene-d5	6.251	128	42551	49.47	ng	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
52) 2-Fluorobiphenyl	7.656	172	191522	47.73	ng	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
76) 2,4,6-Tribromophenol	8.987	330	34751	105.73	ng	0.00
Spiked Amount 100.000			Recovery	=	105.73%	
90) Terphenyl-d14	11.524	244	236602	50.65	ng	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
16) Phenol	5.493	94	245363	90.90	ng	85
17) 2-Chlorophenol	5.621	128	181961	101.31	ng	80
20) 1,4-Dichlorobenzene	5.813	146	95190	48.94	ng	98
24) 2-Methylphenol	6.000	108	177207	103.29	ng	97
27) N-Nitroso-di-n-propyla...	6.129	70	73857	57.48	ng	63
34) 2,4-Dimethylphenol	6.545	107	201734	107.10	ng	99
38) 1,2,4-Trichlorobenzene	6.764	180	87530	52.05	ng	99
39) Naphthalene	6.828	128	268944	51.97	ng	100
43) 4-Chloro-3-methylphenol	7.224	107	176063	106.77	ng	87
61) Acenaphthene	8.276	153	180151	51.95	ng	98
65) 2,4-Dinitrotoluene	8.404	165	56201	48.68	ng	66
66) 4-Nitrophenol	8.324	65	66543	94.91	ng	81
68) Fluorene	8.757	166	218285	54.83	ng	100
81) Pentachlorophenol	9.500	266	50295	90.64	ng	96
84) Carbazole	9.959	167	300876	53.14	ng	98
88) Pyrene	11.337	202	375899	54.73	ng	91
94) Butylbenzylphthalate	12.117	149	160193	53.72	ng	93

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

Ue



SampleID : AC49957-006
 Data File: 5M55852.D
 Acq On : 03/ 2/10 15:34

Operator : AHD
 Sam Mult : 1 Vial# : 20
 Misc : S,BNA

Qt Meth : 5M_0301.M
 Qt On : 03/02/10 15:49
 Qt Upd On: 03/01/10 15:19

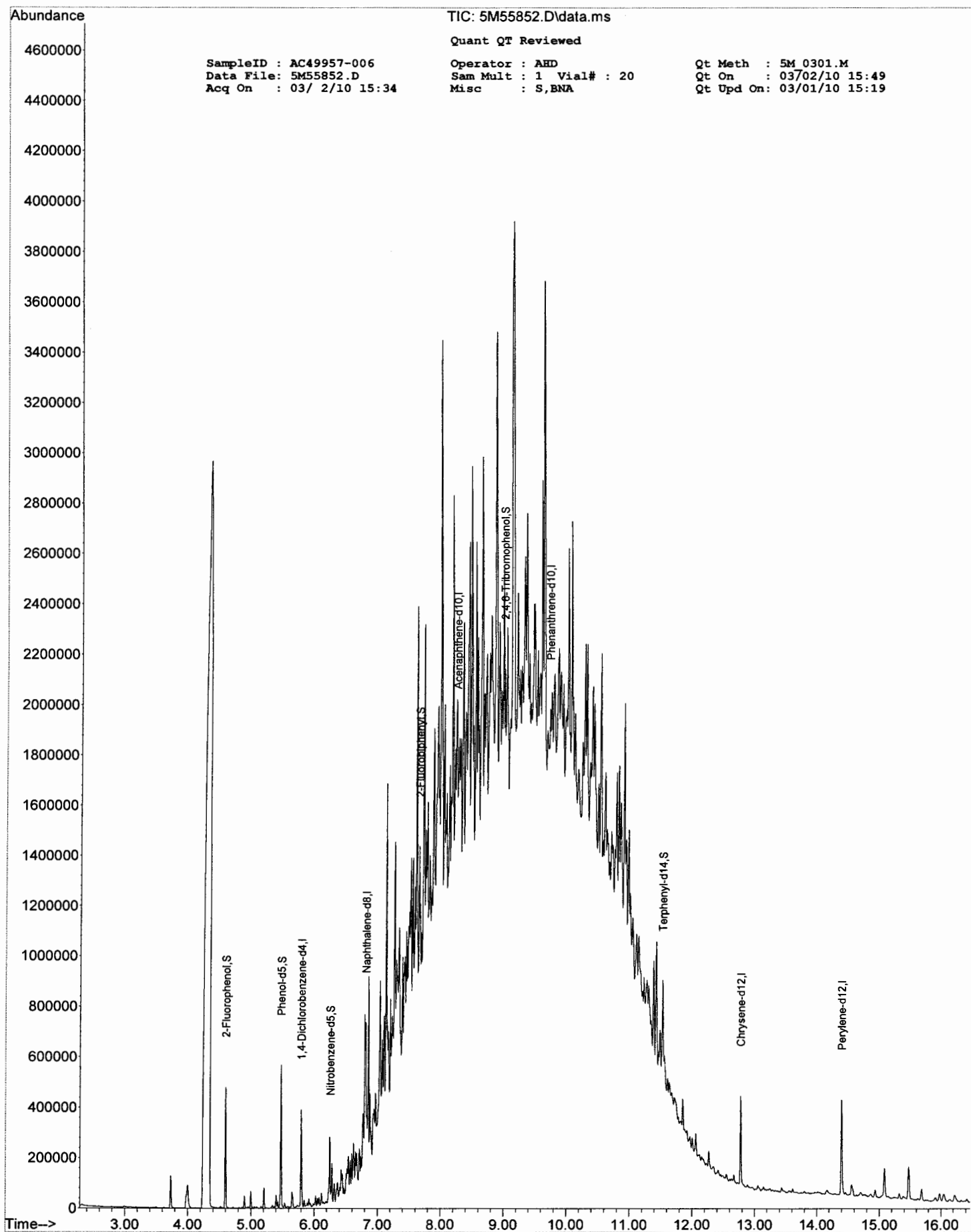
Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	49993	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	164043	40.00	ng	0.00
47) Acenaphthene-d10	8.249	164	77779	40.00	ng	0.00
73) Phenanthrene-d10	9.724	188	129593	40.00	ng	0.01
87) Chrysene-d12	12.774	240	136905	40.00	ng	0.00
102) Perylene-d12	14.398	264	140539	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.595	112	120330	67.17	ng	0.00
Spiked Amount 100.000			Recovery =	67.17%		
15) Phenol-d5	5.477	99	181091	72.98	ng	0.00
Spiked Amount 100.000			Recovery =	72.98%		
30) Nitrobenzene-d5	6.251	128	33097	47.22	ng	0.00
Spiked Amount 50.000			Recovery =	94.44%		
52) 2-Fluorobiphenyl	7.656	172	108175	42.20	ng	0.00
Spiked Amount 50.000			Recovery =	84.40%		
76) 2,4,6-Tribromophenol	8.997	330	18114	89.72	ng	0.01
Spiked Amount 100.000			Recovery =	89.72%		
90) Terphenyl-d14	11.530	244	137416	36.43	ng	0.00
Spiked Amount 50.000			Recovery =	72.86%		

Target Compounds Qvalue

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

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SampleID : AC49957-006(MS)
Data File: 5M55853.D
Acq On : 03/ 2/10 15:57

Operator : AHD
Sam Mult : 1 Vial# : 21
Misc : S,BNA

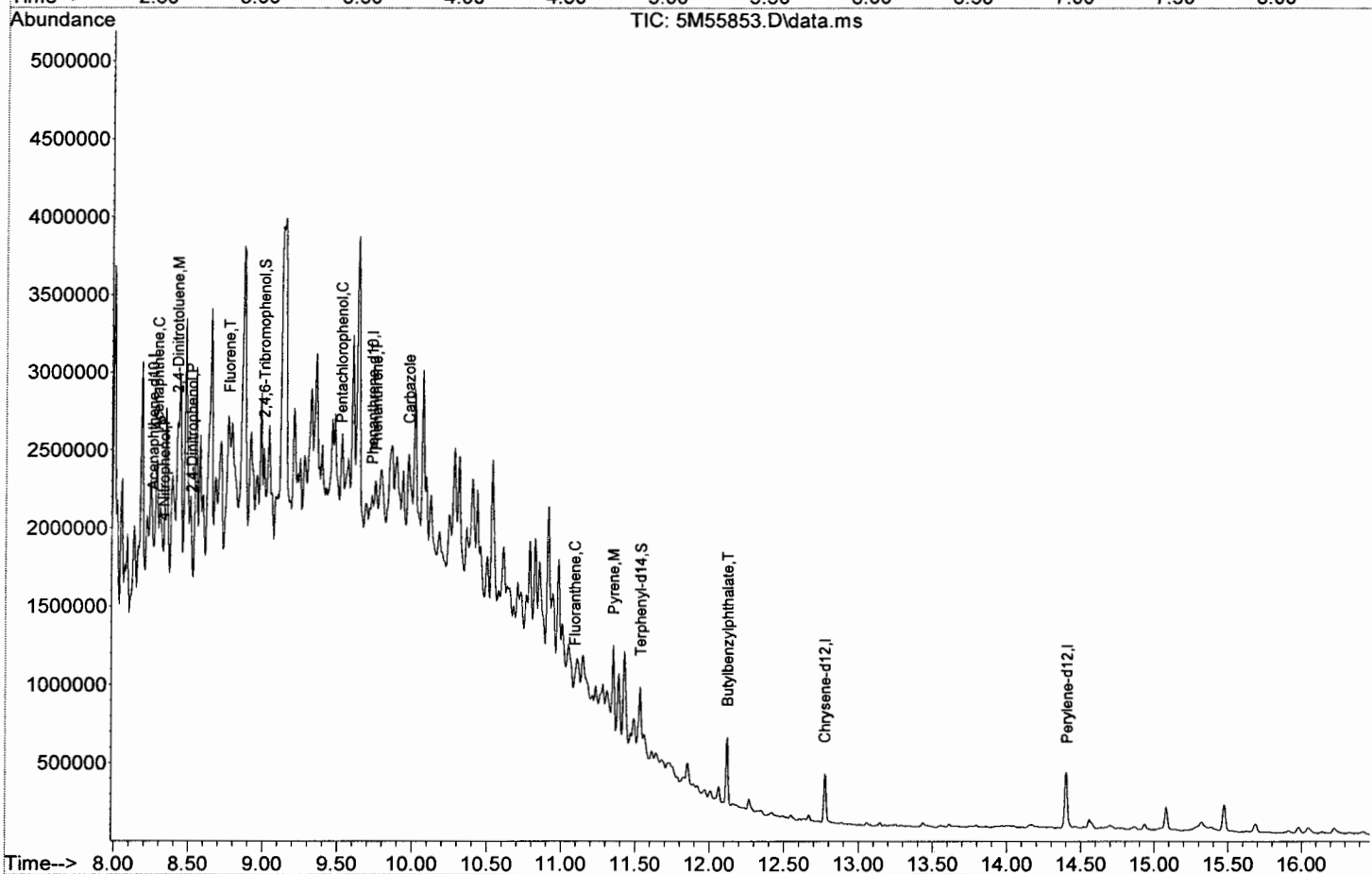
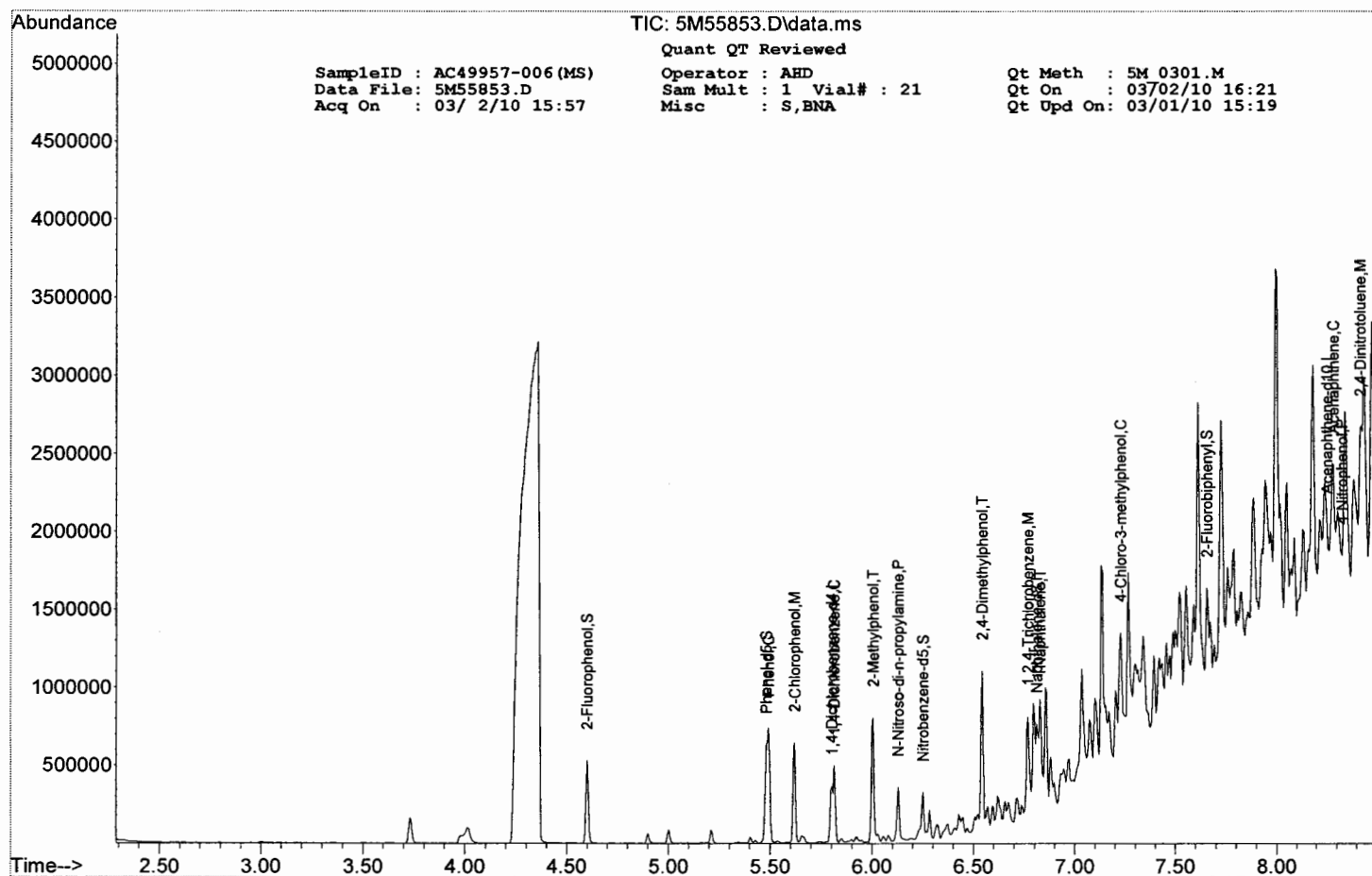
Qt Meth : 5M 0301.M
Qt On : 03/02/10 16:21
Qt Upd On: 03/01/10 15:19

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.803	152	48353	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	154009	40.00	ng	0.00
47) Acenaphthene-d10	8.255	164	73706	40.00	ng	0.00
73) Phenanthrene-d10	9.729	188	123173	40.00	ng	0.02
87) Chrysene-d12	12.774	240	131509	40.00	ng	0.00
102) Perylene-d12	14.404	264	138976	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.601	112	134255	77.49	ng	0.01
Spiked Amount 100.000			Recovery	=	77.49%	
15) Phenol-d5	5.482	99	201125	83.80	ng	0.00
Spiked Amount 100.000			Recovery	=	83.80%	
30) Nitrobenzene-d5	6.251	128	35274	53.61	ng	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
52) 2-Fluorobiphenyl	7.656	172	117669	48.44	ng	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
76) 2,4,6-Tribromophenol	9.003	330	20819	108.49	ng	0.02
Spiked Amount 100.000			Recovery	=	108.49%	
90) Terphenyl-d14	11.535	244	147583	40.73	ng	0.01
Spiked Amount 50.000			Recovery	=	81.46%	
Target Compounds						
						Qvalue
16) Phenol	5.493	94	209331	81.78	ng	86
17) 2-Chlorophenol	5.621	128	160631	94.32	ng	79
20) 1,4-Dichlorobenzene	5.813	146	86249	46.76	ng	98
24) 2-Methylphenol	6.006	108	152093	93.49	ng	97
27) N-Nitroso-di-n-propyla...	6.129	70	62324	51.15	ng	64
34) 2,4-Dimethylphenol	6.545	107	161325	111.96	ng	99
38) 1,2,4-Trichlorobenzene	6.770	180	66413	51.62	ng	96
39) Naphthalene	6.828	128	210127	53.08	ng	98
43) 4-Chloro-3-methylphenol	7.229	107	117706	93.31	ng	84
61) Acenaphthene	8.287	153	126812	60.40	ng	94
63) 2,4-Dinitrophenol	8.517	184	12318	53.13	ng	24
65) 2,4-Dinitrotoluene	8.420	165	33166	47.45	ng	56
66) 4-Nitrophenol	8.330	65	37006	87.18	ng	85
68) Fluorene	8.768	166	136770	56.74	ng	98
81) Pentachlorophenol	9.521	266	32163	98.31	ng	95
82) Phenanthrene	9.756	178	50918	14.55	ng	74
84) Carbazole	9.975	167	157773	47.72	ng	98
86) Fluoranthene	11.091	202	14730	3.76	ng	77
88) Pyrene	11.353	202	240460	45.13	ng	85
94) Butylbenzylphthalate	12.123	149	107177	46.33	ng	88

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

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SampleID : AC49957-006(MSD)
 Data File: 5M55854.D
 Acq On : 03/ 2/10 16:19

Operator : AHD
 Sam Mult : 1 Vial# : 22
 Misc : S,BNA

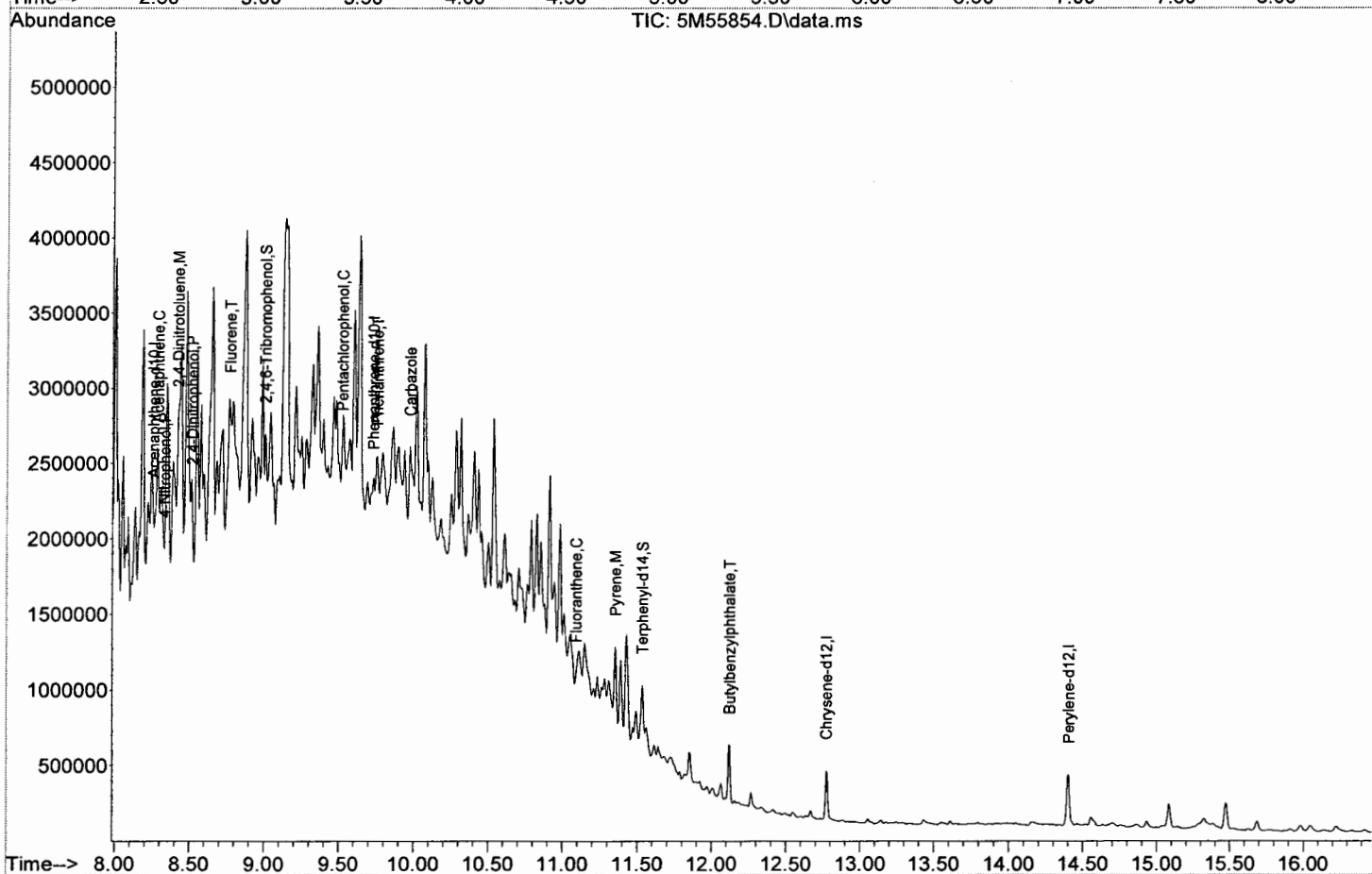
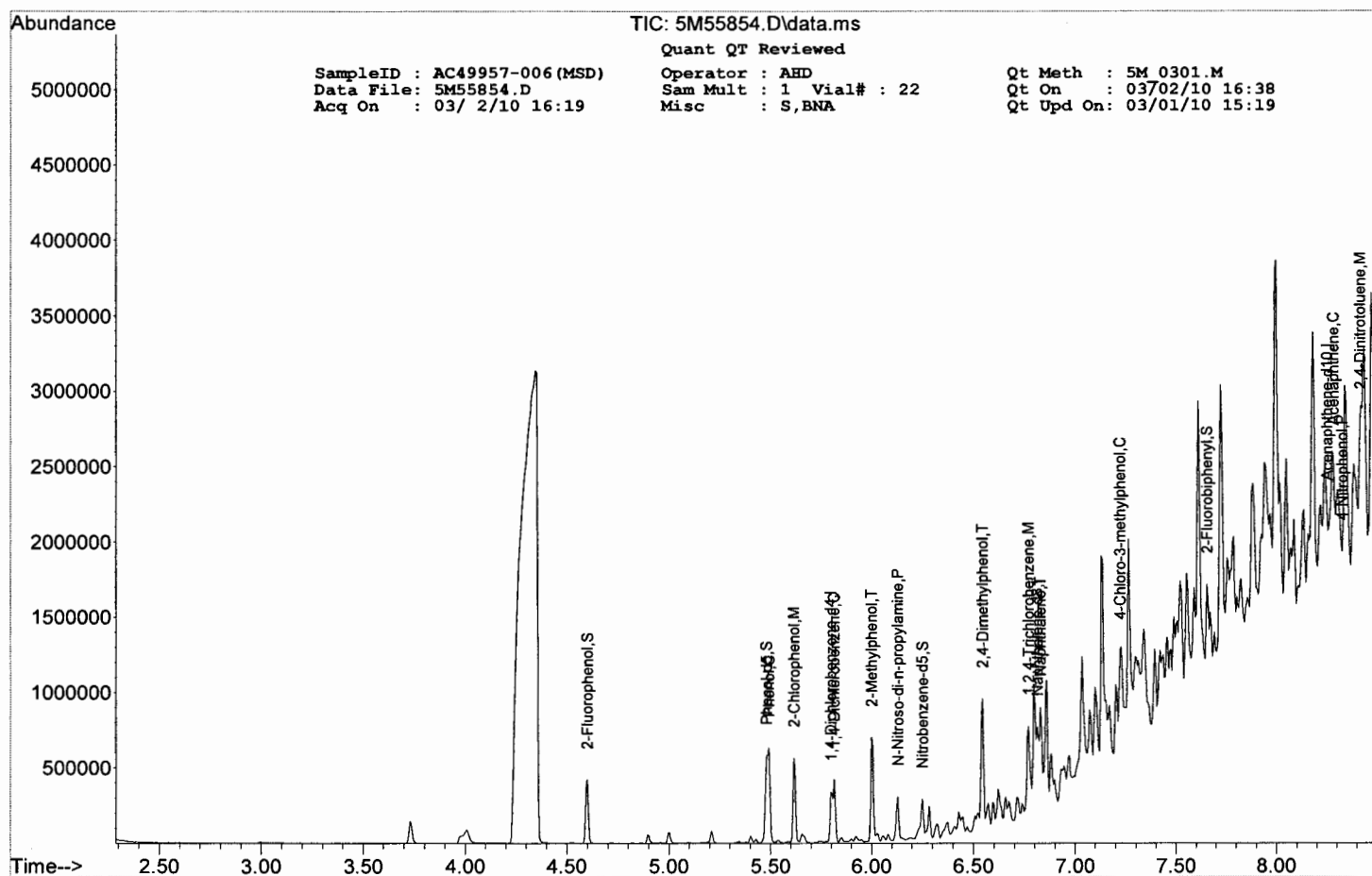
Qt Meth : 5M 0301.M
 Qt On : 03/02/10 16:38
 Qt Upd On: 03/01/10 15:19

Data Path : G:\GcMsData\2010\GCMS_5\Data\03-02-10\
 Qt Path : G:\GCMSDATA\2010\GCMS_5\METHODQT\
 Qt Resp Via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
7) 1,4-Dichlorobenzene-d4	5.797	152	45417	40.00	ng	0.00
29) Naphthalene-d8	6.812	136	146703	40.00	ng	0.00
47) Acenaphthene-d10	8.255	164	72261	40.00	ng	0.00
73) Phenanthrene-d10	9.729	188	120114	40.00	ng	0.02
87) Chrysene-d12	12.774	240	130900	40.00	ng	0.00
102) Perylene-d12	14.404	264	138498	40.00	ng	0.00
System Monitoring Compounds						
10) 2-Fluorophenol	4.601	112	116234	71.42	ng	0.01
Spiked Amount 100.000			Recovery	=	71.42%	
15) Phenol-d5	5.482	99	177570	78.77	ng	0.00
Spiked Amount 100.000			Recovery	=	78.77%	
30) Nitrobenzene-d5	6.251	128	31357	50.03	ng	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
52) 2-Fluorobiphenyl	7.656	172	108824	45.69	ng	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
76) 2,4,6-Tribromophenol	9.003	330	20413	109.08	ng	0.02
Spiked Amount 100.000			Recovery	=	109.08%	
90) Terphenyl-d14	11.535	244	141285	39.17	ng	0.01
Spiked Amount 50.000			Recovery	=	78.34%	
Target Compounds						Qvalue
16) Phenol	5.493	94	176473	73.40	ng	85
17) 2-Chlorophenol	5.616	128	135231	84.54	ng	84
20) 1,4-Dichlorobenzene	5.813	146	72381	41.78	ng	98
24) 2-Methylphenol	6.000	108	130729	85.55	ng	98
27) N-Nitroso-di-n-propyla...	6.129	70	53109	46.41	ng	62
34) 2,4-Dimethylphenol	6.545	107	139676	101.76	ng	99
38) 1,2,4-Trichlorobenzene	6.770	180	56856	46.40	ng	95
39) Naphthalene	6.828	128	182415	48.37	ng	97
43) 4-Chloro-3-methylphenol	7.224	107	101754	84.68	ng	91
61) Acenaphthene	8.287	153	116569	56.63	ng	93
63) 2,4-Dinitrophenol	8.517	184	13877	59.98	ng	24
65) 2,4-Dinitrotoluene	8.420	165	28648	41.80	ng	58
66) 4-Nitrophenol	8.330	65	32340	77.71	ng	81
68) Fluorene	8.768	166	125258	53.00	ng	96
81) Pentachlorophenol	9.521	266	25281	81.01	ng	96
82) Phenanthrene	9.756	178	60711	17.78	ng	75
84) Carbazole	9.975	167	142634	44.24	ng	95
86) Fluoranthene	11.092	202	18781	4.92	ng	82
88) Pyrene	11.353	202	227592	42.92	ng	86
94) Butylbenzylphthalate	12.123	149	96603	41.96	ng	90

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

Ue



GC/MS Semi-Volatile Data
Logbook Data

Method Blank No. SMB- 4428
Blank Spike (SMBS): 4418
Blank Spike (SMBS): _____

Date: 03/01/10
Matrix Spike: 49760-001
Matrix Spike: _____

[illegible][illegible][illegible]

Relinquished By: KR
Received By: flw

Date: 03/01/10
Date: 03/02/10

Method Blank No. SMB- 4429
Blank Spike (SMBS): 4429
Blank Spike (SMBS):

Date: 3/2/10
Matrix Spike: 49957-006
Matrix Spike:

[illegible]

Vol (ul's)	Conc. (ppm/ppb)	Lot No.	
50	Various	V-76014	BN SPK
↓	1000	V-80759	BN MIX
	1000	V-80760	BN CLP MIX
↓	2000	B-8120276	ANK - 3/2/10
		V-4503	ACID COMP

[illegible]

	MTBE	Other
1990	1.0	0.0
1991	1.0	0.0
1992	1.0	0.0
1993	1.0	0.0
1994	1.0	0.0
1995	1.0	0.0
1996	1.0	0.0
1997	1.0	0.0
1998	1.0	0.0
1999	1.0	0.0
2000	1.0	0.0
2001	1.0	0.0
2002	1.0	0.0
2003	1.0	0.0
2004	1.0	0.0
2005	1.0	0.0
2006	1.0	0.0
2007	1.0	0.0
2008	1.0	0.0
2009	1.0	0.0
2010	1.0	0.0
2011	1.0	0.0
2012	1.0	0.0
2013	1.0	0.0
2014	1.0	0.0
2015	1.0	0.0
2016	1.0	0.0
2017	1.0	0.0
2018	1.0	0.0
2019	1.0	0.0
2020	1.0	0.0
2021	1.0	0.0
2022	1.0	0.0
2023	1.0	0.0
2024	1.0	0.0
2025	1.0	0.0
2026	1.0	0.0
2027	1.0	0.0
2028	1.0	0.0
2029	1.0	0.0
2030	1.0	0.0
2031	1.0	0.0
2032	1.0	0.0
2033	1.0	0.0
2034	1.0	0.0
2035	1.0	0.0
2036	1.0	0.0
2037	1.0	0.0
2038	1.0	0.0
2039	1.0	0.0
2040	1.0	0.0
2041	1.0	0.0
2042	1.0	0.0
2043	1.0	0.0
2044	1.0	0.0
2045	1.0	0.0
2046	1.0	0.0
2047	1.0	0.0
2048	1.0	0.0
2049	1.0	0.0
2050	1.0	0.0
2051	1.0	0.0
2052	1.0	0.0
2053	1.0	0.0
2054	1.0	0.0
2055	1.0	0.0
2056	1.0	0.0
2057	1.0	0.0
2058	1.0	0.0
2059	1.0	0.0
2060	1.0	0.0
2061	1.0	0.0
2062	1.0	0.0
2063	1.0	0.0
2064	1.0	0.0
2065	1.0	0.0
2066	1.0	0.0
2067	1.0	0.0
2068	1.0	0.0
2069	1.0	0.0
2070	1.0	0.0
2071	1.0	0.0
2072	1.0	0.0
2073	1.0	0.0
2074	1.0	0.0
2075	1.0	0.0
2076	1.0	0.0
2077	1.0	0.0
2078	1.0	0.0
2079	1.0	0.0
2080	1.0	0.0
2081	1.0	0.0
2082	1.0	0.0
2083	1.0	0.0
2084	1.0	0.0
2085	1.0	0.0
2086	1.0	0.0
2087	1.0	0.0
2088	1.0	0.0
2089	1.0	0.0
2090	1.0	0.0
2091	1.0	0.0
2092	1.0	0.0
2093	1.0	0.0
2094	1.0	0.0
2095	1.0	0.0
2096	1.0	0.0
2097	1.0	0.0
2098	1.0	0.0
2099	1.0	0.0
2100	1.0	0.0
2101	1.0	0.0
2102	1.0	0.0
2103	1.0	0.0
2104	1.0	0.0
2105	1.0	0.0</

Relinquished By: VR / RAK
Received By: The

Date: 3/2/10
Date: 03/02/10

Method Blank No. SMB- 1418
Blank Spike (SMBS): 4416
Blank Spike (SMBS): 4418

Date: 2/17/10
Matrix Spike: 49839-003
Matrix Spike: 49760-001

[illegible][illegible][illegible]

Reagent Lots: MeCl₄ 14609 Acetone 14398 Hexane _____ Na₂SO₄ 14586 Ether _____
 _____ MTBE _____ Other _____

Relinquished By: MSH / M / RAK
Received By: gms

Date: 2/17/10
Date: 02/17/10 02/18/10



RUN LOG

Instrument: GCMS_9 Year: 2019
Analyst: AHD

1-1-9M22850

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M22850.CAL	DFTPP	Ed1=1.2:Oc	OK.V-75893	AHD		Aqueous	1	1		01/25 09:54
9M22851.CAL	BNA@50PPM		OK.V-80199	AHD		Aqueous	1	1	625 8270	01/25 10:18
9M22852.CAL	BNA@2PPM		OK.V-80205	AHD		Aqueous	1	1	625 8270	01/25 10:43
9M22853.CAL	BNA@10PPM		OK.V-80197	AHD		Aqueous	1	1	625 8270	01/25 11:07
9M22854.CAL	BNA@20PPM		OK.V-80198	AHD		Aqueous	1	1	625 8270	01/25 11:30
9M22855.CAL	BNA@80PPM		OK.V-80200	AHD		Aqueous	1	1	625 8270	01/25 11:54
9M22856.CAL	BNA@120PPM		OK.V-80201	AHD		Aqueous	1	1	625 8270	01/25 12:17
9M22857.CAL	BNA@160PPM	Oc	OK.V-80202	AHD		Aqueous	1	1	625 8270	01/25 12:41
9M22858.CAL	BNA@196PPM	Oc	OK.V-80203	AHD		Aqueous	1	1	625 8270	01/25 13:05
9M22859.ICV	BNA@50PPM	Ivo	OK.V-80207	AHD		Aqueous	1	1	625 8270	01/25 13:32
9M22860.WMB	4387		OK	AHD		Aqueous	1	1	625 8270	01/25 14:06
9M22861.WMB	4387(MS)		OK WMB4387	AHD		Aqueous	1	1	625 8270	01/25 14:29
9M22862.WMB	4385		OK	AHD		Aqueous	1	1	625 8270	01/25 14:53
9M22863.SMB	4395		OK	AHD		Soil	1	1	8270	01/25 15:16
9M22864.SMB	4396		OK	AHD		Soil	1	1	8270	01/25 15:40
9M22865.SMB	4396(MS)		OK SMB4396	AHD		Soil	1	1	8270	01/25 16:03
9M22866.AC	49402-001	Oc	RR 3X	AHD	BN-8270	Soil	1	1	8270	01/25 16:27
9M22867.AC	49402-001(3X)(MS)		OK SMB4396	AHD	BN-8270	Soil	3	3	8270	01/25 16:50
9M22868.AC	49402-001(3X)(MSD)		OK SMB4396	AHD	BN-8270	Soil	3	3	8270	01/25 17:14
9M22869.AC	49402-001(3X)		OK SMB4396	AHD	BN-8270	Soil	3	3	8270	01/25 17:37
9M22870.AC	49470-016		OK	AHD	BNA25-8270	Soil	1	1	8270	01/25 18:01
9M22871.AC	49470-018		OK	AHD	BNA25-8270	Soil	1	1	8270	01/25 18:24
9M22872.AC	49470-023		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 18:48
9M22873.AC	49470-027		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 19:11
9M22874.AC	49470-030		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 19:35
9M22875.AC	49470-038		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 19:58
9M22876.AC	49470-040		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 20:21
9M22877.AC	49470-041		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 20:45
9M22878.AC	49470-003		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 21:08
9M22879.AC	49470-004		OK	AHD	BNPAH-8270	Soil	1	1	8270	01/25 21:31
9M22880.AC	49403-002		OK	AHD	BN-8270	Soil	1	1	8270	01/25 21:54
9M22881.AC	49454-001		OK	AHD	BNA25-625	Aqueous	1	1	625	01/25 22:18
9M22882.AC	49454-002		OK	AHD	BNA25-625	Aqueous	1	1	625	01/25 22:41
9M22883.AC	49454-003		OK	AHD	BNA25-625	Aqueous	1	1	625	01/25 23:04
9M22884.AC	49454-004		OK	AHD	BNA25-625	Aqueous	1	1	625	01/25 23:27
9M22885.AC	49454-005		OK	AHD	BNA25-625	Aqueous	1	1	625	01/25 23:50
9M22886.AC	49490-001		OK	AHD	BN15-625	Aqueous	1	1	625	01/26 00:13
9M22887.AC	49490-002		OK	AHD	BN15-625	Aqueous	1	1	625	01/26 00:36
9M22888.AC	49490-004		OK	AHD	BN15-625	Aqueous	1	1	625	01/26 00:59
9M22889.AC	49490-005		OK	AHD	BN15-625	Aqueous	1	1	625	01/26 01:23
9M22890.AC	49490-006		OK	AHD	BN15-625	Aqueous	1	1	625	01/26 01:46
9M22891.MECL2	TEST-H50500Ti8		OK	AHD		Aqueous	1	1	625 8270	01/26 02:09

Ans	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Presible Carry Over
Ans	Area Out	Fnm	Solvent Extraction Date Missing/Not checked	FvF	Fval Mix Failed
B6m	Blank 600 series missing	Ftn	Toln/Solvent Extraction Date Missing/Not checked	Fvnc	Fval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Toln Extraction Performed Outside of Hold	Fvrc	Fval Mix missing dft or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MetMet (col1 and or col2) 600 series
C16	Calibration Column 1 Out (8000 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MetMet (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (8000 Series)	I16 I26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Dft
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
CRf	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
CRf	8000 series sample/blank did not have passing cal	Iv	Pmb with calmt csv for init calibration chak rfs	Sa6 Sh6	Acid and or RN Surrogate Out (600 series)
Cma	Endline Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sh8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Initial Cal Files Not Updated Properly for a sampl	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Snake Out Col 1 600 series Acid and or RN	Ti5	Outside of 500 series Time time
Dn	Drift Out	M18 M28	Snake Out Col 1 8000 series Acid and or RN	Ti6	Outside of 600 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18b	Snake Out Col 1 8000 series Acid and or RN	Ti8	Outside of 8000 series Time time/Cal Time
Fmn	Problem Checking Prev/run dates modcheckrunnund	Mnc	Snake Not Checked for this method	Tm	Too Many Samples/ for beginning Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 sar Too many samples begin Calibration



RUN LOG

Instrument: GCMS_9 Year: 2009
Analyst: AHD

1-1-9M23324

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23324	CAL DFTPP	Ed1=0.9:Oc	OK.V-81184	AHD		Aqueous 1	1			02/17 09:19
9M23325	CAL BNA@50PPM	C16	OK.V-81175	AHD		Aqueous 1	1	625	8270	02/17 09:43
9M23326	BNA@50PPM	C6f	NOT USED	AHD		Aqueous 1	1	625	8270	02/17 10:06
9M23327	OMB1348		OK	AHD		OIL/OTH 1	1		8270	02/17 10:29
9M23328	OMB1348(MS)		OK OMB1348	AHD		OIL/OTH 1	1		8270	02/17 10:52
9M23329	AC49714-009		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 11:15
9M23330	AC49714-010		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 11:38
9M23331	AC49714-012		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 12:01
9M23332	AC49734-004		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 12:24
9M23333	AC49734-014		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 12:47
9M23334	AC49734-015		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 13:10
9M23335	AC49734-016		OK	AHD	BNPAH-8270	OIL/OTH 1	1		8270	02/17 13:32
9M23336	AC49750-006(5X)		OK	AHD	BN-8270	Soil	5	5	8270	02/17 13:55
9M23337	AC49741-011(3X)		OK	AHD	BNA-8270	Soil	3	3	8270	02/17 14:18
9M23338	SMB4417(MS)		OK SMB4417	AHD		Soil	1	1	8270	02/17 14:59
9M23339	SMB4417		OK	AHD		Soil	1	1	8270	02/17 15:21
9M23340	SMB4418		OK	AHD		Soil	1	1	8270	02/17 15:44
9M23341	AC49773-020		OK SMB4417	AHD	BNA-8270	Soil	1	1	8270	02/17 16:07
9M23342	AC49773-021(MS:AC4		OK SMB4417	AHD	BNA-8270	Soil	1	1	8270	02/17 16:30
9M23343	AC49773-030(MSD:AC		OK SMB4417	AHD	BNA-8270	Soil	1	1	8270	02/17 16:52
9M23344	AC49741-019		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 17:15
9M23345	AC49741-020		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 17:38
9M23346	AC49741-021		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 18:01
9M23347	AC49741-022		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 18:24
9M23348	AC49741-026(2X)	Oc	RR 10X	AHD	BNA-8270	Soil	2	2	8270	02/17 18:46
9M23349	AC49741-027		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 19:09
9M23350	AC49741-029		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 19:32
9M23351	AC49741-030(2X)		OK	AHD	BNA-8270	Soil	2	2	8270	02/17 19:54
9M23352	AC49741-031(2X)		OK	AHD	BNA-8270	Soil	2	2	8270	02/17 20:17
9M23353	AC49773-022		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 20:40
9M23354	AC49773-023		OK	AHD	BNA-8270	Soil	1	1	8270	02/17 21:03

Anc	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Fval Mix Failed
R6m	Blank 600 series missing	Ftn	Teln/Solvent Extraction Date Missing/Not check'd	Fvnc	Fval Mix Not Checked
R8m	Blank 8000 series missing	Fto	Teln Extraction Performed Outside of Hold	Fvrc	Fval Mix missing drift or endrin
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R16 R26	Rnd Out on MshMet (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MshMet (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	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 check rfs	Sa6 Sh6	Acid and or RN Surrogate Out (600 series)
Cma	Endline Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sh8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spoke Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M18a M18h	Spoke Out Col 1 600 series Acid and or RN	T15	Outside of 500 series Time time
Dn	Drift Out	M18 M28	Spoke Out Col 1 and or Col 2 8000 series	T16	Outside of 8000 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18h	Spoke Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Time time/Cal Time
Fmo	Problem Checkin Prin/rundates modchecknreund	Mnc	Spoke Not Checked for this ms/msd	Tm	Tnn Many Samples for beginning Calibration
Fn	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Tnn many samples begin Calibration



RUN LOG

Instrument: GCMS_9 Year: 2009
Analyst: AHD

1-1-9M23356

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23356	CAL DFTPP	Ed1=1.1:Oc	OK.V-81184	AHD		Aqueous	1	1		02/18 09:18
9M23357	CAL BNA@50PPM	C16	OK.V-81175	AHD		Aqueous	1	1	625 8270	02/18 09:41
9M23358	SMB4418(MS)		OK SMB4418	AHD		Soil	1	1	8270	02/18 10:04
9M23359	AC49760-001		OK SMB4418	AHD	BNPAH-8270	Soil	1	1	8270	02/18 10:27
9M23360	AC49760-001(MS)	M18b	OK SMB4418	AHD	BNPAH-8270	Soil	1	1	8270	02/18 10:49
9M23361	AC49760-001(MSD)	M18b	OK SMB4418	AHD	BNPAH-8270	Soil	1	1	8270	02/18 11:13
9M23362	AC49760-003		OK	AHD	BNPAH-8270	Soil	1	1	8270	02/18 11:36
9M23363	AC49741-026(10X)		OK	AHD	BNA-8270	Soil	10	10	8270	02/18 11:59
9M23364	AC49773-024(3X)		OK	AHD	BNA-8270	Soil	3	3	8270	02/18 12:22
9M23365	SMB4419	Sa8Ao	RR	AHD		Soil	1	1	8270	02/18 12:45
9M23366	TEST		OK	AHD		Soil	1	1	8270	02/18 13:10
9M23367	AC49847-014		OK	AHD	BNA-8270	Soil	1	1	8270	02/18 13:33
9M23368	SMB4419		OK	AHD		Soil	1	1	8270	02/18 14:42
9M23369	AC49776-003(5X)	Oc	OK	AHD	BN-8270	Soil	5	5	8270	02/18 15:05
9M23370	AC49776-016	Oc	OK	AHD	BN-8270	Soil	1	1	8270	02/18 15:28
9M23371	SMB4420		OK	AHD		Soil	1	1	8270	02/18 15:51
9M23372	AC49847-008		OK	AHD	BNA-8270	Soil	1	1	8270	02/18 16:52
9M23373	AC49847-010(2X)		OK	AHD	BNA-8270	Soil	2	2	8270	02/18 17:14
9M23374	AC49847-004(2X)		OK	AHD	BNA-8270	Soil	2	2	8270	02/18 17:37
9M23375	AC49847-002(2X)		OK	AHD	BNA-8270	Soil	2	2	8270	02/18 18:00
9M23376	AC49847-006(3X)		OK	AHD	BNA-8270	Soil	3	3	8270	02/18 18:23
9M23377	AC49774-011(3X)		OK	AHD	BN15-8270	Soil	3	3	8270	02/18 18:46
9M23378	AC49774-006(3X)	Sd	RR OR RE-EXTRACT	AHD	BNPAH-8270	Soil	3	3	8270	02/18 19:08
9M23379	AC49774-005(3X)		OK	AHD	BNPAH-8270	Soil	3	3	8270	02/18 19:31
9M23380	AC49774-004(3X)		OK	AHD	BNPAH-8270	Soil	3	3	8270	02/18 19:54
9M23381	AC49774-007(2X)		OK	AHD	BNPAH-8270	Soil	2	2	8270	02/18 20:17

Anc	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fem	Solvent Extraction Date Missing/Not checked	FvF	Fval Mix Failed
R6m	Blank 8000 series missing	Ftn	Toln/Solvent Extraction Date Missing/Not checked	Fvnc	Fval Mix Not Checked
R8m	Blank 8000 series missing	Ftn	Toln Extraction Performed Outside of Hold	Fvrc	Fval Mix missing det or endrin
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R16 R26	Rnd Out on MeMed (col1 and or col2) 8000 series
C16	Calibration Column 1 Out (8000 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MeMed (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (8000 Series)	I16 I26	Initial cal 8000 series failed Column 1 and or 2	Rtn	Can't Calculate D88
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and or 2	S8	8000 series surrogate not
C8f	8000 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate not
C8f	8000 series sample/blank did not have passing cal	Iv	Prob with calmt csv for init calibration check rfs	Sa6 Sb6	Acid and or RN Surrogate Out (8000 series)
Cme	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 8000 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	T15	Outside of 500 series Time time
Dn	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	T16	Outside of 8000 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18h	Snake Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Time time/Cal Time
Fmn	Problem Checking Prep/injects modcheck/reinjects	Mnc	Snake Not Checked for this me/mtd	Tm	Too Many Samples for beginning Calibration
Fn	Fval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration



RUN LOG

Instrument: GCMS_5 Year: 2010
Analyst: AHD

1-1-5M55791

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M55791.	CAL DFTPP	Ed1=1.7:Oc	OK,V-81184	AHD		Aqueous	1	1		03/01 08:13
5M55792.	CAL BNA@50PPM	C16C18	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 08:37
5M55793.	CAL BNA@50PPM	C16C18	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 09:02
5M55794.	CAL BNA@2PPM		OK,V-81948	AHD		Aqueous	1	1	625 8270	03/01 09:27
5M55795.	CAL BNA@10PPM	C16C18	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 09:49
5M55796.	CAL BNA@20PPM	C16C18	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 10:11
5M55797.	CAL BNA@80PPM	C16C18	NOT USED	AHD		Aqueous	1	1	625 8270	03/01 10:57
5M55798.	CAL BNA@120PPM	Oc	OK,V-81944	AHD		Aqueous	1	1	625 8270	03/01 11:19
5M55799.	CAL BNA@160PPM	Oc	OK,V-81945	AHD		Aqueous	1	1	625 8270	03/01 11:41
5M55800.	CAL BNA@196PPM	Oc	OK,V-81946	AHD		Aqueous	1	1	625 8270	03/01 12:04
5M55801.	CAL BNA@20PPM		OK,V-81941	AHD		Aqueous	1	1	625 8270	03/01 12:34
5M55802.	CAL BNA@10PPM		OK,V-81940	AHD		Aqueous	1	1	625 8270	03/01 13:17
5M55803.	CAL BNA@50PPM		OK,V-81942	AHD		Aqueous	1	1	625 8270	03/01 13:39
5M55804.	CAL BNA@80PPM		OK,V-81943	AHD		Aqueous	1	1	625 8270	03/01 14:29
5M55805.	ICV BNA@50PPM	Islvo	OK,V-81950	AHD		Aqueous	1	1	625 8270	03/01 14:51

Acc	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
Ac	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Fval Mix Failed
R6m	Blank 600 series missing	Ftn	Tolu/Solvent Extraction Date Missing/Not check'd	Fvnc	Fval Mix Not Checked
R8m	Blank 8000 series missing	Ftn	Tolu Extraction Performed Outside of Hold	Fvrc	Fval Mix missing ddt or andrin
Rnf	Blank Not Found/Assigned	Fv	Fval Time Exceeded	R16 R26	Rnd Out on MsMed (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hz	Analysis Refrains Collection Data	R18 R28	Rnd Out on MsMed (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	H16 H26	Initial cal 600 series failed Column 1 and or 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	H18 H28	Initial cal 8000 series failed Column 1 and or 2	S6	600 series surrogate out
C8f	600 series sample/blank did not have missing cal	Is	Initial Cal Not Checked	SA	8000 series surrogate out
C8f	8000 series sample/blank did not have missing cal	Iv	Prob with calmt csv for init calibration check rfs	SA6 Sb6	Acid and or RN Surrogate Out (600 series)
Cma	Findino Cal missing for sample (8000 series)	Iw	Initial cal warning Ini cal file <> method	SA8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iv	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	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 RN	T15	Outside of 500 series Time time
Dn	Drift Out	M18 M28	Spike Out Col 1 and or Col 2 8000 series	T16	Outside of 600 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18b	Spike Out Col 1 8000 series Acid and or RN	T18	Outside of 8000 series Time time/Cal Time
Fmn	Problem Checking Prep/updates modcheck/reports	Mnc	Spike Not Checked for this method	Tm	Too Many Samples/ for beginning Calibration
Fn	Fval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration



RUN LOG

Instrument: GCMS_9 Year: 2019
Analyst: AHD

1-1-9M23467

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)	SdT18Oc	RR 60X	AHD	BNA-8270	Soil	30	20	8270	03/01 20:55

Anc	Area Not Checked	Fn	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
As	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Toln/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Fto	Toln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing drift or endrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MeMed (col1 and nr col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hh	Analysis Before Collection Date	R18 R28	Rnd Out on MeMed (col1 and nr col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	Retention Time Out Or %Diff Out
C26	Calibration Column 2 Out (600 Series)	I16 I26	Initial cal 600 series failed Column 1 and nr 2	Rtn	Can't Calculate Drift
C28	Calibration Column 2 Out (8000 Series)	I18 I28	Initial cal 8000 series failed Column 1 and nr 2	S6	600 series surrogate out
CRf	600 series sample/blank did not have passing cal	Is	Initial Cal Not Checked	SR	8000 series surrogate out
CRf	8000 series sample/blank did not have passing cal	Iv	Prob with calint csv for init calibration check rfs	SaR Sh6	Acid and nr RN Surrogate Out (600 series)
Cma	Endrin Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	SaR Sh8	Acid and nr RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Strike Out Col 1 and nr Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16h	Strike Out Col 1 600 series Acid and nr RN	T16	Outside of 500 series Time time
Dn	Drift Out	M18 M28	Strike Out Col 1 and nr Col 2 8000 series	T18	Outside of 8000 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18h	Strike Out Col 1 8000 series Acid and nr RN	Tm	Too Many Samples/ for beginning Calibration
Fmp	Problem Checking Procedures and/or check/rn/rnd	Mnc	Strike Not Checked for this me/mcd	Tmw	If for 600 ser Too many samples begin Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration		



RUN LOG

Instrument: GCMS_5 Year: 2010
Analyst: AHD

1-1-5M55832

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
5M55832	CAL DFTPP	Ed1=1.8:Oc	OK.V-81184	AHD		Aqueous	1	1		03/02 08:09
5M55833	BNA@50PPM	CnAnc	NOT USED	AHD		Aqueous	1	1	625 8270	03/02 08:32
5M55834	CAL BNA@50PPM		OK.V-81942	AHD		Aqueous	1	1	625 8270	03/02 08:54
5M55835	SMB4428		OK	AHD		Soil	1	1	8270	03/02 09:16
5M55836	SMB4428(MS)		OK SMB4428	AHD		Soil	1	1	8270	03/02 09:38
5M55837	AC49985-001		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 10:00
5M55838	AC49985-002		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 10:22
5M55839	AC49985-003		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 10:44
5M55840	AC49985-004		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 11:06
5M55841	AC49985-005(3X)		RR 2X. BAD MATRIX	AHD	BNA25-8270	Soil	3	3	8270	03/02 11:29
5M55842	AC50034-003		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 11:51
5M55843	MBS4429-2		OK MBS4429-2	AHD		Soil	1	1	8270	03/02 12:14
5M55844	MBS-3		OK MBS-3	JB		Soil	1	1	8270	03/02 12:36
5M55845	MBS-4		OK MBS-4	JB		Soil	1	1	8270	03/02 12:58
5M55846	AC49985-005(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 13:20
5M55847	SMB4429(MS)		OK SMB4429	AHD		Soil	1	1	8270	03/02 13:42
5M55848	SMB4429		OK	JB		Soil	1	1	8270	03/02 14:05
5M55849	AC50025-001(T)		OK	JB	BNATCLP-82	Aqueous	1	1	8270	03/02 14:27
5M55850	WMB4425		OK	JB		Aqueous	1	1	625 8270	03/02 14:49
5M55851	EF-2 V-81870		OK	JB		Aqueous	1	1	8270	03/02 15:11
5M55852	AC49957-006		OK SMB4429	AHD	BN-NAPH-82	Soil	1	1	8270	03/02 15:34
5M55853	AC49957-006(MS)		OK SMB4429	AHD	BN-NAPH-82	Soil	1	1	8270	03/02 15:57
5M55854	AC49957-006(MSD) Oc		OK SMB4429	AHD	BN-NAPH-82	Soil	1	1	8270	03/02 16:19
5M55855	AC49957-004		OK	AHD	BN-NAPH-82	Soil	1	1	8270	03/02 16:41
5M55856	TEST		OK	AHD		Soil	1	1	8270	03/02 17:04
5M55857	AC50032-002		OK	AHD	BN15-625	Aqueous	1	1	625	03/02 17:26
5M55858	AC50054-001		OK	AHD	BN15-625	Aqueous	1	1	625	03/02 17:48
5M55859	AC50054-002	Sa6Sa8	ON HOLD	AHD	ERROR	Aqueous	1	1	625 8270	03/02 18:10

Ans	Area Not Checked	Fn	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
B6m	Blank 600 series missing	Ftn	Tolu/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
B8m	Blank 8000 series missing	Ftn	Tolu Extraction Performed Outside of Hold	Fvrc	Eval Mix missing dft or andrin
Bnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out no MeMed (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Calibration Date	R18 R28	Rnd Out no MeMed (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Ho	Sample Analyzed outside of hold time	Rn	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 Dft
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 missing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have missing cal	Iv	Prb with calmt csv for init calibration check rts	Sa6 Sh6	Acid and or RN Surrogate Out (600 series)
Cme	Endline Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sh8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Properly for a sample	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Spoke Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Spoke Out Col 1 600 series Acid and or RN	Ti6	Outside of 500 series Time time
Do	Drift Out	M18 M28	Spoke Out Col 1 and or Col 2 8000 series	Ti8	Outside of 800 series Time time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18b	Spoke Out Col 1 8000 series Acid and or RN	Tm	Too Many Samples/ for baseline Calibration
Fmo	Problem Checking Prec/undates modcheck/preundates	Mnc	Spoke Not Checked for this method	Tmw	If for 600 ser Too many samples begin Calibration
En	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration		



RUN LOG

Instrument: GCMS_9 Year: 2010
Analyst: AHD

1-1-9M23498

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23498	CAL DFTPP	Ed1=1.5:Oc	OK.V-81184	AHD		Aqueous	1	1		03/02 08:16
9M23499	CAL BNA@50PPM		OK.V-81942	AHD		Aqueous	1	1	625 8270	03/02 09:06
9M23500	AC49987-026		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/02 09:29
9M23501	AC49987-030		OK	AHD	BNPAH-8270	OIL/OTH	1	1	8270	03/02 09:52
9M23502	AC49987-029(3X)		OK	AHD	BNPAH-8270	OIL/OTH	3	3	8270	03/02 10:14
9M23503	AC50048-002(60X)	Sd	OK	AHD	BNA-8270	Soil	120	60	8270	03/02 10:37
9M23504	AC50049-002(60X)	Sd	OK	AHD	BNA-8270	Soil	240	60	8270	03/02 10:59
9M23505	AC50049-003(60X)	Sd	OK	AHD	BNA-8270	Soil	90	60	8270	03/02 11:22
9M23506	AC50049-004(60X)	Sd	OK	AHD	BNA-8270	Soil	90	60	8270	03/02 11:44
9M23507	AC50034-001(3X)		RR 2X	AHD	BNA25-8270	Soil	3	3	8270	03/02 12:07
9M23508	AC50034-002(3X)		RR STRAIGHT	AHD	BNA25-8270	Soil	3	3	8270	03/02 12:29
9M23509	SMB4428		OK	AHD		Soil	1	1	8270	03/02 12:52
9M23510	SMB4429		OK	AHD		Soil	1	1	8270	03/02 13:14
9M23511	AC50034-004(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 13:37
9M23512	AC50034-005(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 13:59
9M23513	AC50034-001(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 14:22
9M23514	AC50034-002		OK	AHD	BNA25-8270	Soil	1	1	8270	03/02 14:45
9M23515	AC49935-001	Sb8Oc	RR 5X	AHD	BNPAH-8270	Soil	1	1	8270	03/02 15:34
9M23516	AC49935-012(3X)	Oc	OK	AHD	BNPAH-8270	Soil	3	3	8270	03/02 15:57
9M23517	AC50034-006(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 16:19
9M23518	AC50034-007	Sb8Oc	RR 20X	AHD	BNA25-8270	Soil	1	1	8270	03/02 16:42
9M23519	AC49935-001(5X)	Oc	OK	AHD	BNPAH-8270	Soil	5	5	8270	03/02 17:05
9M23520	AC50034-007(20X)	Oc	RR 5X OR 10X	AHD	BNA25-8270	Soil	20	20	8270	03/02 17:27
9M23521	AC50034-008(2X)		OK	AHD	BNA25-8270	Soil	2	2	8270	03/02 17:50
9M23522	TEST					Soil	1	1	8270	03/02 18:13
9M23523	TEST					Soil	1	1	8270	03/02 18:36
9M23524	TEST					Soil	1	1	8270	03/02 18:59

Ans	Area Not Checked	Fn	Extraction Performed Past Hold	Co	Warning Possible Carry Over
An	Area Out	Fm	Solvent Extraction Data Missing/Not checked	FvF	Eval Mix Failed
R6m	Blank 600 series missing	Ftn	Toln/Solvent Extraction Data Missing/Not checked	Fvnc	Eval Mix Not Checked
R6m	Blank 8000 series missing	Ftn	Toln Extraction Performed Outside of Hold	Fvrc	Eval Mix missing ddt or andrin
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out on MeMed (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Data	R18 R28	Rnd Out on MeMed (col1 and or col2) 8000 series
C18	Calibration Column 1 Out (8000 Series)	Hn	Sample Analyzed outside of hold time	Rn	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
C8f	800 series sample/blank did not have missing cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C8f	8000 series sample/blank did not have missing cal	Iv	Prob with calort cov for init calibration check rts	Sa6 Sh6	Acid and or RN Surrogate Out (600 series)
Cma	Endion Cal missing for sample (8000 series)	Iw	Initial cal warning. Ini cal file <> method	Sa8 Sh8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Ix	Initial Cal Files Not Updated Primarily for a sample	Sd	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M18b	Snake Out Col 1 600 series Acid and or RN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	Ti6	Outside of 800 series Tune time/Cal Time
Fna	An Extraction Before Collection Date	M18a M18b	Snake Out Col 1 8000 series Acid and or RN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmo	Problem Checking Pre/updates methodcheck/reports	Mnc	Snake Not Checked for this method	Tm	Tm Many Samples/ for beginning Calibration
Fv	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration



RUN LOG

Instrument: GCMS_9 Year: 2010
Analyst: AHD 0994

1-1-9M23525

Data File	Sample Number	Flags	Comments	Reviewed By	Test Group	Matrix	Surr Dil	Sam Dil	Method(s)	Analysis Date
9M23525	CAL DFTPP	Ed1=2.5:Oc	OK,V-81184	AHD		Aqueous	1	1		03/03 09:01
9M23526	CAL BNA@50PPM		OK,V-81942	AHD		Aqueous	1	1	625	03/03 10:11
9M23527	SMB4430		OK	AHD		Soil	1	1		8270 03/03 10:34
9M23528	AC50047-001(2X)		OK	AHD	BNSTAR2-82	Soil	2	2		8270 03/03 10:56
9M23529	AC50047-003		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 11:19
9M23530	AC50047-004		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 11:42
9M23531	WMB4425		RR	JB		Aqueous	1	1	625	8270 03/03 12:05
9M23532	AC50057-001		OK	AHD	BNA-625	Aqueous	1	1	625	03/03 12:28
9M23533	AC50047-005		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 12:50
9M23534	AC50047-013		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 13:13
9M23535	AC50047-015		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 13:36
9M23536	AC50047-016		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 13:59
9M23537	SMB4431		OK	AHD		Soil	1	1		8270 03/03 14:21
9M23538	WMB4425		OK	AHD		Aqueous	1	1	625	8270 03/03 14:44
9M23539	WMB4426		OK	AHD		Aqueous	1	1	625	8270 03/03 15:07
9M23540	AC50047-011		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 15:30
9M23541	AC50047-009(3X)		RR 2X	JB	BNSTAR2-82	Soil	3	3		8270 03/03 15:52
9M23542	AC50047-007(2X)		OK	AHD	BNSTAR2-82	Soil	2	2		8270 03/03 16:15
9M23543	AC50012-007(5X)	SdOc	RR 15X	JB	BN-8270	Soil	5	5		8270 03/03 16:40
9M23544	AC50018-003(5X)		OK	AHD	BN-8270	Soil	5	5		8270 03/03 17:03
9M23545	AC50047-014		OK	AHD	BNSTAR2-82	Soil	1	1		8270 03/03 17:25
9M23546	AC50034-007(5X)	Oc	SEE 10X	AHD	BNA25-8270	Soil	5	5		8270 03/03 17:48
9M23547	AC50034-007(10X)	Oc	OK, BAD MATRIX	AHD	BNA25-8270	Soil	10	10		8270 03/03 18:11
9M23548	AC50012-009(10X)	Sd	OK, INTERFERING PEAK	AHD	BN-8270	Soil	10	10		8270 03/03 18:34
9M23549	AC50012-010(10X)		OK	AHD	BN-8270	Soil	10	10		8270 03/03 18:57
9M23550	AC50012-007(15X)		OK	AHD	BN-8270	Soil	15	15		8270 03/03 19:19
9M23551	AC50047-009(2X)		OK	AHD	BNSTAR2-82	Soil	2	2		8270 03/03 19:42
9M23552	AC50075-004(2X)		OK	AHD	BN15-8270	Soil	2	2		8270 03/03 20:05
9M23553	TEST					Soil	1	1		8270 03/03 20:28
9M23554	TEST					Soil	1	1		8270 03/03 20:50
9M23555	TEST	Ti8				Soil	1	1		8270 03/03 21:13

Anc	Area Not Checked	Fo	Extraction Performed Past Hold	Cn	Warning Possible Carry Over
An	Area Out	Fsm	Solvent Extraction Date Missing/Not check'd	FvF	Eval Mix Failed
RRm	Blank 8000 series missing	Ftm	Train/Solvent Extraction Date Missing/Not check'd	Fvnc	Eval Mix Not Checked
Rfm	Blank 8000 series missing	Fto	Train Extraction Performed Outside of Hold	Fvrc	Eval Mix missing diff or acrtin
Rnf	Blank Not Found/Assigned	Fv	Eval Time Exceeded	R16 R26	Rnd Out no M&M&M (col1 and or col2) 600 series
C16	Calibration Column 1 Out (600 Series)	Hb	Analysis Before Collection Date	R18 R28	Rnd Out no M&M&M (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 assigned cal	Is	Initial Cal Not Checked	S8	8000 series surrogate out
C6f	8000 series sample/blank did not have assigned cal	Iv	Prnh with calnt csw for init calibration check rfs	Sa6 Sb6	Acid and or RN Surrogate Out (600 series)
Cme	Finals Cal missing for sample (8000 series)	Iw	Initial cal warning: ini cal file <= method	Sa8 Sb8	Acid and or RN Surrogate Out (8000 series)
Cn	Calibration Not Checked for sample/blank/eval	Iy	Initial Cal Files Not Updated Properly for a sample	S4	Surrogate Diluted Out
D1n D2n	Drift Out Column 1 or Column 2 Cals or Init Cals	M16 M26	Snake Out Col 1 and or Col 2 600 series	Snc	Surrogate Not Checked
Dnc	Drift Not Checked	M16a M16b	Snake Out Col 1 600 series Acid and or RN	Ti5	Outside of 500 series Tune time
Do	Drift Out	M18 M28	Snake Out Col 1 and or Col 2 8000 series	Ti6	Outside of 600 series Tune time/Cal Time
Fba	An Extraction Before Collection Date	M18a M18b	Snake Out Col 1 8000 series Acid and or RN	Ti8	Outside of 8000 series Tune time/Cal Time
Fmn	Problem Checkin Prev/updates modchecknrunnd	Mnc	Snake Not Checked for this m&m&M	Tm	Too Many Samples for beginning Calibration
Fo	Eval Time Not Checked	Oc	Warning Compound(s) Over Calibration	Tmw	If for 600 ser Too many samples begin Calibration

Veritech Standard Receipt Log

Veritech Control/Receipt Number: 4398									
Description							ApprovedBy: jean		
ACETONE							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	925403	H15E26	09/15/09	07/30/10	Okomeng, Maxwell	32	4LT	neat	

Veritech Control/Receipt Number: 4435									
Description							ApprovedBy: jean		
ACETONE							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	925403	H15E26	09/29/09	07/30/10	Okomeng, Maxwell	32	4LT	neat	

Veritech Control/Receipt Number: 4503									
Description							ApprovedBy: jean		
ACID COMP MIX							ApproveDate: 11/04/09		
							Checked: Yes		
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
ACCUSTANDAR	CLP-HC-A-R-PAK	B8120276	11/04/09	12/29/11	Revolus, Jean	10	1ml	2000	PPM

Veritech Control/Receipt Number: 4586									
Description							ApprovedBy: akmal		
Sodium Sulfate							ApproveDate: 12/30/09		
							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	12/29/09	12/29/11	Lopez, Jose	4	100L	neat	neat

Veritech Control/Receipt Number: 4609									
Description							ApprovedBy: jean		
Methylene Chloride							ApproveDate: 01/21/10		
							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	01/12/10	02/28/11	Okomeng, Maxwell	120	4LT	neat	neat

Veritech Control/Receipt Number: 4615									
Description							ApprovedBy: jean		
Sodium Sulfate							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, Maxwell	4	100L	neat	neat

Veritech Control/Receipt Number: 4661									
Description							ApprovedBy: jean		
Methylene chloride							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, Maxwell	120	4LT	neat	neat

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-61976



Prepared By: Revolus, Jean		Department: Organics	ApprovedBy: jean	
Description: 8270 EXTRA MIX#1		BatchNumber:	ApproveDate: 09/02/09	
Prep Date: 3/5/2009		Concentration: 10000 ppm	Checked: Yes	
Expiration Date: 3/5/2010		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2184	ATRAZINE	.1 g	NEAT	10000 ppm
3798	ACETOPHENONE	.1 g	NEAT neat	10000 ppm
3930	Acetone	10 ml	neat neat	
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

Veritech Lot Number: V-61977



Prepared By: Revolus, Jean		Department: Organics	ApprovedBy: jean	
Description: 8270 EXTRA MIX#2		BatchNumber:	ApproveDate: 09/02/09	
Prep Date: 3/5/2009		Concentration: 10000 ppm	Checked: Yes	
Expiration Date: 3/5/2010		Final Volume: 10 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
2185	BIPHENYL	.1 g	NEAT	10000 ppm
2176	PENTACHLOROETHANE	.1 g	NEAT	10000 ppm
1886	CARBAZOLE	.1 g	NEAT	10000 ppm
2395	n-Decane	.1 g	NEAT	10000 ppm
3930	Acetone	10 ml	neat neat	
2394	n-Octadecane	.1 g	NEAT	10000 ppm
866	1,4-Dimethylnaphthlene	.1 g	neat	10000 ppm
1397	Pyridine	.1 g	neat neat	10000 ppm

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-62912



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA-5 MIX		BatchNumber:	ApproveDate: 07/30/09	
Prep Date: 3/24/2009		Concentration: 5000 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 10 ml		
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
2395	n-Decane	.05 g	NEAT	5000 ppm
2185	BIPHENYL	.05 g	NEAT	5000 ppm
3818	1,4-Dimethylnaphthalene	.0518 g	96.5%	5000 ppm
3993	Methylene Chloride	10 ml	neat neat	

Veritech Internally Prepared Standard Log

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-63101



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA-6 MIX		BatchNumber:	ApproveDate: 07/30/09	
Prep Date: 3/27/2009		Concentration: 5000 ppm	Checked: Yes	
Expiration Date: 3/27/2010		Final Volume: 10 ml		
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
2395	n-Decane	.05 g	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
3993	Methylene Chloride	10 ml	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-75893



Prepared By: Bis, Yolanta		Department: Organics	ApprovedBy: jean	
Description: DFTPP Mix		BatchNumber:	ApproveDate: 10/28/09	
Prep Date: 10/27/2009		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 4 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-62910	DFTPP STOCK STD.	100 ul	2000 ppm	50 ppm
4427	DDT/ENDRIN MIX	800 ul	500 ppm	100 ppm
3879	TCL Phenol/Benzidines Mix	200 ul	2000 ppm	100 ppm
4434	METHYLENE CHLORIDE	2900 ul	neat	

Veritech Lot Number: V-76014



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: akmal	
Description: BNA SOIL SPIKE MIX		BatchNumber:	ApproveDate: 11/02/09	
Prep Date: 10/30/2009		Concentration: Various	Checked: Yes	
Expiration Date: 10/30/2010		Final Volume: 200 ml		
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		Department: Organics	ApprovedBy: jean	
Description: BNA Surrog.Std.		BatchNumber:	ApproveDate: 01/08/10	
Prep Date: 1/6/2010		Concentration: 1000-2000 pp	Checked: Yes	
Expiration Date: 2/6/2011		Final Volume: 1000 ml		
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 Internally Prepared Standard Log

Veritech Lot Number: V-79288



Prepared By: Hamid, Akmal		Department: Organics		ApprovedBy: jean	
Description: 8270 EXTRA MIX#1		BatchNumber:		ApproveDate: 01/08/10	
Prep Date: 1/6/2010		Concentration: 10000 ppm		Checked: Yes	
Expiration Date: 1/6/2011		Final Volume: 10 ml			
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 Lot Number: V-79292



Prepared By: Hamid, Akmal		Department: Organics		ApprovedBy: jean	
Description: 8270 EXTRA MIX#1(2nd Source)		BatchNumber:		ApproveDate: 01/08/10	
Prep Date: 1/6/2010		Concentration: 10000 ppm		Checked: Yes	
Expiration Date: 1/6/2011		Final Volume: 10 ml			
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-80196



Prepared By: Hamid, Akmal		Department: Organics		ApprovedBy: jean	
Description: BNA STOCK Std.A		BatchNumber:		ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 250 ppm		Checked: Yes	
Expiration Date: 3/24/2010		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-62912	BNA-5 MIX	60 ul	5000 ppm	250 ppm	
4582	methylene chloride	90 ul	neat neat		

Veritech Lot Number: V-80197



Prepared By: Hamid, Akmal		Department: Organics		ApprovedBy: jean	
Description: BNA 10 ppm curve		BatchNumber: B-7100		ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 10 ppm		Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul			
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc	
v-80196	BNA STOCK Std.A	5 ul	250 ppm	10 ppm	
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm	
4582	methylene chloride	93 ul	neat neat		

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-80198

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 20 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 20 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	10 ul	250 ppm	20 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	88 ul	neat neat	

Veritech Lot Number: V-80199

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 50 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/24/2010		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
4582	methylene chloride	438 ul	neat neat	
v-80196	BNA STOCK Std.A	150 ul	250 ppm	50 ppm

Veritech Lot Number: V-80200

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 80 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 80 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	40 ul	250 ppm	80 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	58 ul	neat neat	

Veritech Lot Number: V-80201

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 120 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 120 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	60 ul	250 ppm	120 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	38 ul	neat neat	

Veritech Lot Number: V-80202

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 160 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 160 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	80 ul	250 ppm	160 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	18 ul	neat neat	

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-80203



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 196 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 196 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	98 ul	250 ppm	196 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	0	neat neat	

Veritech Lot Number: V-80204



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 50 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
v-80196	BNA STOCK Std.A	25 ul	250 ppm	50 ppm
4582	methylene chloride	75 ul	neat neat	

Veritech Lot Number: V-80205



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 2 ppm curve		BatchNumber: B-7100	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 2 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 100 ul		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-80204	BNA 50 ppm curve	4 ul	50 ppm	2 ppm
V-67466	BNA Internal Std.	2 ul	2000 ppm	40 ppm
4582	methylene chloride	94 ul	neat neat	

Veritech Lot Number: V-80206



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA STOCK Std.B		BatchNumber:	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 250 ppm	Checked: Yes	
Expiration Date: 3/26/2010		Final Volume: 1.2 ml		
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-63101	BNA-6 MIX	60 ul	5000 ppm	250 ppm
4582	methylene chloride	360 ul	neat neat	

Veritech Lot Number: V-80207



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA ICV CAL@50PPM		BatchNumber:	ApproveDate: 01/26/10	
Prep Date: 1/25/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/26/2010		Final Volume: 0.2 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4582	methylene chloride	155 ul	neat neat	
V-80206	BNA STOCK Std.B	40 ul	250 ppm	50 ppm
V-67466	BNA Internal Std.	4 ul	2000 ppm	40 ppm
V-79292	8270 EXTRA MIX#1(2nd Source)	1 ul	10000 ppm	50 ppm

Veritech Internally Prepared Standard Log

Veritech Lot Number: V-80759



Prepared By: Bis, Yolanta		Department: Organics	ApprovedBy: jean	
Description: BN MIX		BatchNumber:	ApproveDate: 02/18/10	
Prep Date: 2/3/2010		Concentration: 1000 ppm	Checked: Yes	
Expiration Date: 8/3/2010		Final Volume: 4 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
4683	TOXIC SUBS. MIX	2000 ul	2000 ppm	1000 ppm
4684	BASE/NEUTRAL COMP MIX	2000 ul	2000 ppm	1000 ppm

Veritech Lot Number: V-80760



Prepared By: Bis, Yolanta		Department: Organics	ApprovedBy: jean	
Description: CLP MIX		BatchNumber:	ApproveDate: 02/18/10	
Prep Date: 2/3/2010		Concentration: 1000 ppm	Checked: Yes	
Expiration Date: 3/5/2010		Final Volume: 4 ml		
Veritech Lot# /Rec#	Lot Description	Amount Used	Conc of Std	Final Conc
V-61976	8270 EXTRA MIX#1	400 ul	10000 ppm	1000 ppm
V-61977	8270 EXTRA MIX#2	400 ul	10000 ppm	1000 ppm
4583	Acetone	3200 ul	neat neat	

Veritech Lot Number: V-81171



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA STOCK Std.		BatchNumber:	ApproveDate: 02/16/10	
Prep Date: 2/12/2010		Concentration: 200 ppm	Checked: Yes	
Expiration Date: 3/24/2010		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
4698	METHYLENE CHLORIDE	90 ul	neat neat	
V-80196	BNA STOCK Std.A	400 ul	250 ppm	200 ppm

Veritech Lot Number: V-81175



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 50 ppm curve		BatchNumber: B-7182	ApproveDate: 02/16/10	
Prep Date: 2/12/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/24/2010		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
V-81171	BNA STOCK Std.	150 ul	200 ppm	50 ppm
4698	METHYLENE CHLORIDE	438 ul	neat neat	

Veritech Lot Number: V-81184



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: DFTPP Mix		BatchNumber:	ApproveDate: 02/16/10	
Prep Date: 2/12/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/24/2010		Final Volume: 1 ml		
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 Internally Prepared Standard Log

Veritech Lot Number: V-81922



Prepared By: Hamid, Akmal		Department: Organics		ApprovedBy: jean	
Description: BNA-5 MIX		BatchNumber:		ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: 5000 ppm		Checked: Yes	
Expiration Date: 3/1/2011		Final Volume: 10 ml			
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		Department: Organics		ApprovedBy: jean	
Description: BNA-6 MIX		BatchNumber:		ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: 5000 ppm		Checked: Yes	
Expiration Date: 3/1/2011		Final Volume: 10 ml			
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 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 Internally Prepared Standard Log

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 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 Internally Prepared Standard Log

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 Lot Number: V-81948

Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA 2 ppm curve		BatchNumber: B-7250	ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: 2 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-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		Department: Organics	ApprovedBy: jean	
Description: BNA STOCK Std.B		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: 250 ppm	Checked: Yes	
Expiration Date: 3/26/2010		Final Volume: 1.2 ml		
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 Internally Prepared Standard Log

Veritech Lot Number: V-81950



Prepared By: Hamid, Akmal		Department: Organics	ApprovedBy: jean	
Description: BNA ICV CAL@50PPM		BatchNumber:	ApproveDate: 03/02/10	
Prep Date: 3/1/2010		Concentration: 50 ppm	Checked: Yes	
Expiration Date: 3/26/2010		Final Volume: 0.2 ml		
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: 866									
Description						ApprovedBy: jean			
1,4-Dimethlnaphthlene						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	D17,030-5	14523CZ	11/18/97	11/25/10	Akmal	1	1ml	neat	

Veritech Control/Receipt Number: 1397									
Description						ApprovedBy: jean			
Pyridine						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	052873	11/07/05	11/06/10	Miller, Gael E.	1	500ml	neat	neat

Veritech Control/Receipt Number: 1430									
Description						ApprovedBy: jean			
Benzaldehyde						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						ApprovedBy: jean			
E-Caprolactam						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						ApprovedBy: jean			
DIPHENYL ETHER						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						ApprovedBy: jean			
1,2,4,5-TETRACHLOROBENZENE						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						ApprovedBy: akmal			
BUTYL BENZYL PHTHALATE						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 Standard Receipt Log

Veritech Control/Receipt Number: 1886									
Description							ApprovedBy: akmal ApproveDate: 08/12/09 Checked: Yes		
CARBAZOLE									
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							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
PENTACHLOROETHANE									
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 Control/Receipt Number: 2184									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
ATRAZINE									
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2208	348-144A	01/29/07	10/31/11	Revolus, Jean	1	1g	NEAT	

Veritech Control/Receipt Number: 2185									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
BIPHENYL									
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							ApprovedBy: FRANK ApproveDate: 11/12/09 Checked: Yes		
1,2,4-Trichlorobenzene									
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							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
n-Octadecane									
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: 2395									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
n-Decane									
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
CHEMSERVICE	F2182	372-50A	05/03/07	11/30/11	Revolus, Jean	1	1g	NEAT	

Veritech Standard Receipt Log

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 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 Standard Receipt Log

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 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 Standard Receipt Log

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 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 Standard Receipt Log

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 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 Standard Receipt Log

Veritech Control/Receipt Number: 3818									
Description						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
1,4-Dimethylnaphthalene									
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						 ApprovedBy: jean ApproveDate: 01/14/10 Checked: Yes			
p-Terphenyl-d14									
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						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
PHENOL-2,3,4,5,6-d5,									
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: 3879									
Description						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
TCL Phenol/Benzidines Mix									
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
Supelco	47992-U	LB59885	01/27/09	07/31/11	Hamid, Akmal	3	1ml	2000	ppm

Veritech Control/Receipt Number: 3930									
Description						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
Acetone									
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:
J.T.Baker	9254-03	G36E35	02/24/09	02/23/11	Lopez, Jose	4	4L	neat	neat

Veritech Control/Receipt Number: 3977									
Description						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
ATRAZINE									
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 Control/Receipt Number: 3993									
Description						 ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes			
Methylene Chloride									
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 Standard Receipt Log

Veritech Control/Receipt Number: 4004									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
2,3,4,6-Tetrachlorophenol									
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							ApprovedBy: akmal ApproveDate: 03/02/10 Checked: Yes		
n-Decane									
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							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
METHYLENE CHLORIDE									
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, Maxwell	120	4LT	NEAT	NEAT

Veritech Control/Receipt Number: 4172									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
Acenaphthene-D10									
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							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
Phenanthrene-D10									
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							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
Perylene-D12									
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 Control/Receipt Number: 4176									
Description							ApprovedBy: jean ApproveDate: 07/30/09 Checked: Yes		
Naphthalene-D8									
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 Standard Receipt Log

Veritech Control/Receipt Number: 4257									
Description							ApprovedBy: jean		
Acetone							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							ApprovedBy: jean		
Endrin Aldehyde							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							ApprovedBy: jean		
Endrin Ketone							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							ApprovedBy: jean		
METHYLENE CHLORIDE							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, Maxwell	72	4LT	neat	

Veritech Control/Receipt Number: 4427									
Description							ApprovedBy: jean		
DDT/ENDRIN MIX							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							ApprovedBy: jean		
METHYLENE CHLORIDE							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, Maxwell	120	4LT	neat	

Veritech Control/Receipt Number: 4455									
Description							ApprovedBy: jean		
Benzoic Acid							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 Standard Receipt Log

Veritech Control/Receipt Number: 4456									
Description						ApprovedBy: jean ApproveDate: 10/14/09 Checked: Yes			
Benzidine Cal Mix									
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						ApprovedBy: akmal ApproveDate: 10/30/09 Checked: Yes			
1,4-DICHLOROBENZENE									
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						ApprovedBy: akmal ApproveDate: 11/05/09 Checked: Yes			
8270 MegaMix									
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						ApprovedBy: akmal ApproveDate: 11/06/09 Checked: Yes			
TCL Base-Neutral Mix									
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						ApprovedBy: akmal ApproveDate: 11/06/09 Checked: Yes			
TCL Hazardous Substances Mix									
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						ApprovedBy: akmal ApproveDate: 11/06/09 Checked: Yes			
TCL Phenols/Benzidines Mix									
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 Control/Receipt Number: 4582									
Description						ApprovedBy: akmal ApproveDate: 12/30/09 Checked: Yes			
methylene chloride									
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 Standard Receipt Log

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: 4683										
Description TOXIC SUBS. MIX							ApprovedBy: jean ApproveDate: 02/03/10 Checked: Yes			
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:	
ACCUSTANDAR	Z-014E	B8010091-1A	02/03/10	09/01/11	Revolus, Jean	5	1ml	2000	PPM	

Veritech Control/Receipt Number: 4684										
Description BASE/NEUTRAL COMP MIX							ApprovedBy: jean ApproveDate: 02/03/10 Checked: Yes			
Manufacturer	Catalog Num:	Lot Num:	Date Rec:	Exp Date:	Rec By:	Num of Cont	Volume /Cont	Conc:	Units:	
ACCUSTANDAR	CLP-HC-BN-PAK	209111182	02/03/10	11/20/10	Revolus, Jean	10	1ml	2000	PPM	

Veritech Control/Receipt Number: 4698										
Description METHYLENE CHLORIDE							ApprovedBy: jean ApproveDate: 02/17/10 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	02/09/10	03/31/11	Okomeng, Maxwell	116	4LT	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	

Wet Chemistry Data

VERITECH Wet Chem Form1 Analysis Summary
% Solids

TestGroupName: % Solids SM2540G

Project #: 0022515

TestGroup: %SOLIDS

Lab#	Client SampleID	Matrix	Dilution:	Result	Units:	RL	Prep Date	Analysis Date	Received Date	Collect Date
AC50034-001	PI01-TP-RAM202	Soil	1	68	Percent			02/26/10	02/25/10	02/22/10
AC50034-002	PI01-TP-RAO1022	Soil	1	76	Percent			02/26/10	02/25/10	02/22/10
AC50034-003	PI01-TP-RAO2022	Soil	1	82	Percent			02/26/10	02/25/10	02/22/10
AC50034-004	PI01-TP-RAQ1022	Soil	1	82	Percent			02/26/10	02/25/10	02/22/10
AC50034-005	PI01-TP-RAQ2022	Soil	1	81	Percent			02/26/10	02/25/10	02/22/10
AC50034-006	PI01-TP-RAR1022	Soil	1	82	Percent			02/26/10	02/25/10	02/23/10
AC50034-007	PI01-TP-RAR2022	Soil	1	77	Percent			02/26/10	02/25/10	02/23/10
AC50034-008	PI01-TP-RAR3022	Soil	1	55	Percent			02/26/10	02/25/10	02/23/10

Calibration Curve Information

Qc Summary Results

Qc Type	Qc Name	SpkAmt	Rec Lim	Rpd Lim	Raw Result	Recov	Rpd	Flags
DUP	AC50034-001	NA	NA	5	71.22172	NA	4.1	

Sam #	Type	MB	Result	Mdl	Per Sol	Raw Result	Tare Wt	Tare Wet	Tare Dry	Prep Date	Prep By	Anal Date	Anal By
AC50034-001	DUP		71			71.222	1.06	12.11	8.93			02/26/10	alexk
AC50034-001	Sample		68			68.336	1.05	12.23	8.69			02/26/10	alexk
AC50034-002	Sample		76			76.014	1.05	12.14	9.48			02/26/10	alexk
AC50034-003	Sample		82			82.486	1.05	12.07	10.14			02/26/10	alexk
AC50034-004	Sample		82			82.426	1.05	12.26	10.29			02/26/10	alexk
AC50034-005	Sample		81			80.541	1.04	12.5	10.27			02/26/10	alexk
AC50034-006	Sample		82			81.794	1.05	12.53	10.44			02/26/10	alexk
AC50034-007	Sample		77			77.166	1.05	12.13	9.6			02/26/10	alexk
AC50034-008	Sample		55			54.626	1.04	12.28	7.18			02/26/10	alexk
AC50036-001	Sample		74			74.479	1.06	12.58	9.64			02/26/10	alexk
AC50041-001	Sample		84			84.12	1.04	12.69	10.84			02/26/10	alexk
AC50049-001	Sample		56			55.507	1.04	12.48	7.39			02/26/10	alexk
AC50049-002	Sample		66			65.59	1.05	12.5	8.56			02/26/10	alexk
AC50049-003	Sample		81			80.793	1.04	12.39	10.21			02/26/10	alexk
AC50049-004	Sample		78			78.231	1.05	12.81	10.25			02/26/10	alexk
AC50049-005	Sample		78			77.628	1.05	12.18	9.69			02/26/10	alexk

in
2/27/10

Flag Codes: Ra - Recovery failed specified criteria (PVS/MBS/MS/MSD/ICV/CAL)

Na - Not Applicable

Rp - RPD failed specified criteria.

Nc - Not Checked ..either one or both values =ND