

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/30/2002 Time: 11:23:35

Sample: AE09019
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/30/02 11:23 Ended: 4/30/02 11:23 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE09019 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-30-2002 Time: 11:24:00

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D

Vial: 23

Acq On : 25 Apr 2002 12:13 pm

Operator:

Sample : re-inject

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 25 13:24 2002

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Apr 17 11:48:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	427859	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1532382	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.15	164	857124	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1232545	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	723520	20.00	ug/l	-0.04
45) Perylene-d12	37.86	264	431801	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.28	209	33321	7.76	ug/L	-0.05
Spiked Amount	10.000		Recovery	=	77.60%	
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount	5.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	0.00	77	0	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy) methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.90	128	606	N.D.	
16) Hexachlorobutadiene	0.00	225	0	N.D.	
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
19) 2-Chloronaphthalene	0.00	162	0	N.D.	
20) Dimethylphthalate	0.00	163	0	N.D.	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
25) Diethylphthalate	22.63	149	508	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	

(#)= qualifier out of range (m) = manual integration

9019.D GCMS0412.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D

Vial: 23

Acq On : 25 Apr 2002 12:13 pm

Operator:

Sample : re-inject

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 25 13:24 2002

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Apr 17 11:48:30 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.64	178	202	N.D.		
35) Anthracene	25.64	178	202	N.D.		
36) Di-n-butylphthalate	27.55	149	5877	N.D.		
37) Fluoranthene	0.00	202	0	N.D.		
40) Pyrene	0.00	202	0	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo(a)anthracene	33.64	228	2043	N.D.		
43) Bis(2-ethylhexyl)phthalate	33.86	149	1369	N.D.		
44) Chrysene	33.70	228	673	N.D.		
46) Di-n-Octylphthalate	0.00	149	0	N.D.		
47) Benzo(b)fluoranthene	36.70	252	205	N.D.		
48) Benzo(k)fluoranthene	36.70	252	205	N.D.		
49) Benzo(a)pyrene	37.87	252	1590	N.D.		
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

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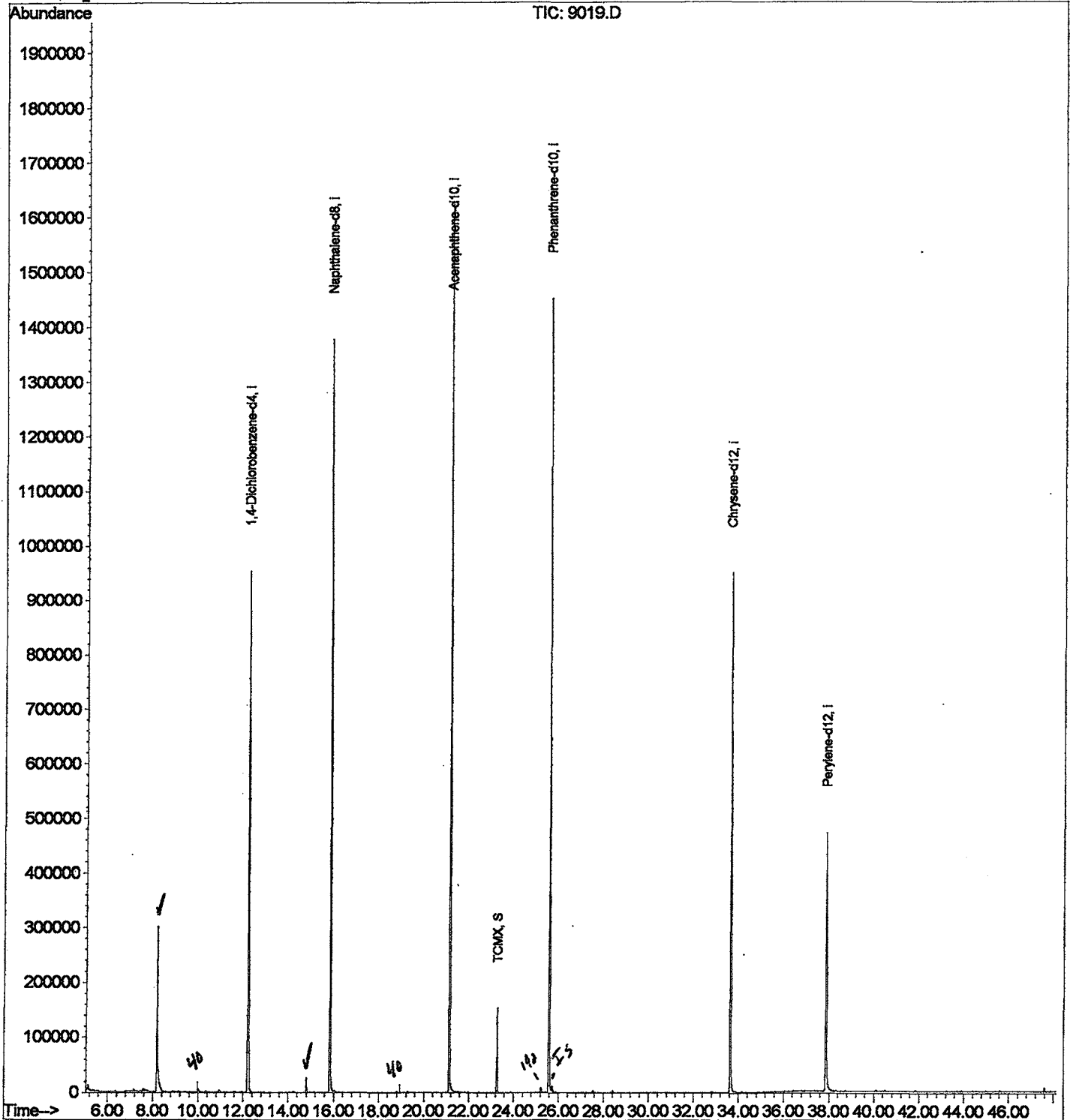
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D
 Acq On : 25 Apr 2002 12:13 pm
 Sample : re-inject
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 25 13:24 2002

Vial: 23
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Thu Apr 25 15:21:43 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D

Vial: 23

Acq On : 25 Apr 2002 12:13 pm

Operator:

Sample : re-inject

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % 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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.183	338	342	367	rBV	299995	737224	22.79%	4.585%
2	12.213	775	781	793	rBV	953703	2278387	70.43%	14.169%
3	14.811	1060	1064	1068	rBV2	26918	50966	1.58%	0.317%
4	15.839	1170	1176	1192	rBV	1378990	2889196	89.31%	17.968%
5	21.146	1748	1754	1771	rBV	1629020	3234893	100.00%	20.118%
6	23.285	1979	1987	1995	rVB	153872	296326	9.16%	1.843%
7	25.589	2231	2238	2249	rBV	1453060	3096325	95.72%	19.256%
8	33.640	3108	3115	3130	rBV	950985	2067401	63.91%	12.857%
9	37.863	3565	3575	3587	rBV2	471839	1428839	44.17%	8.886%

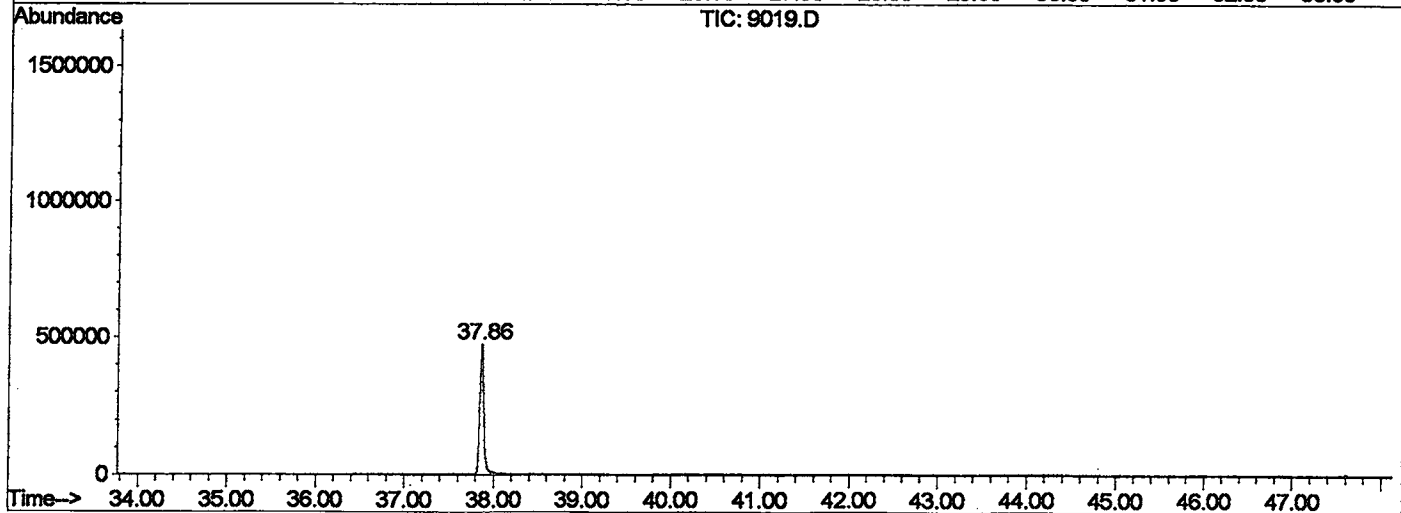
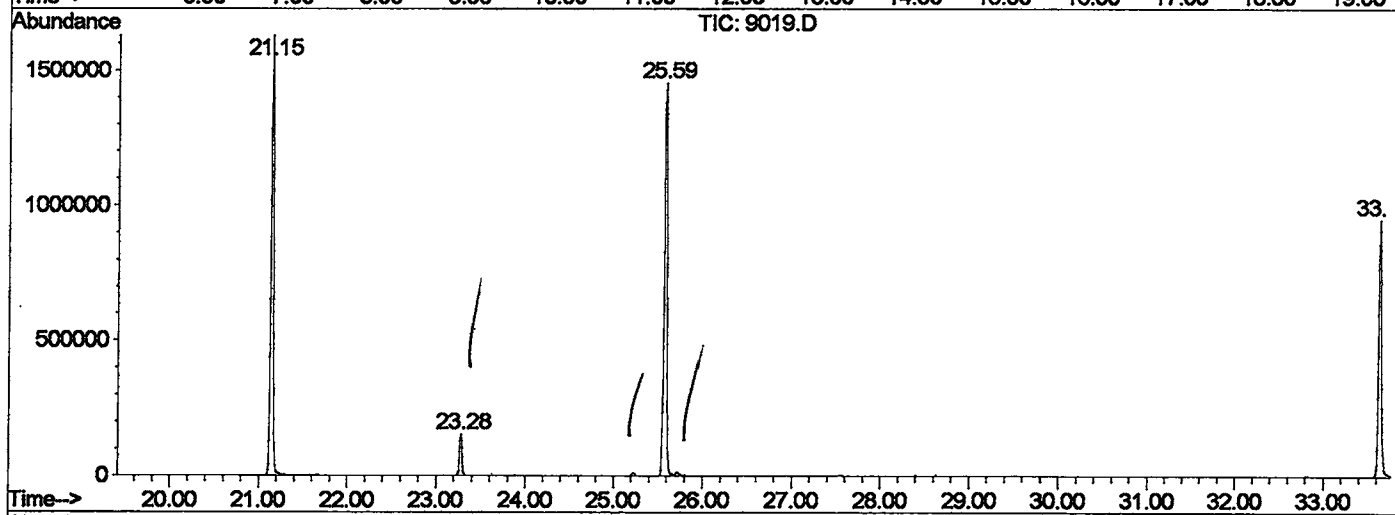
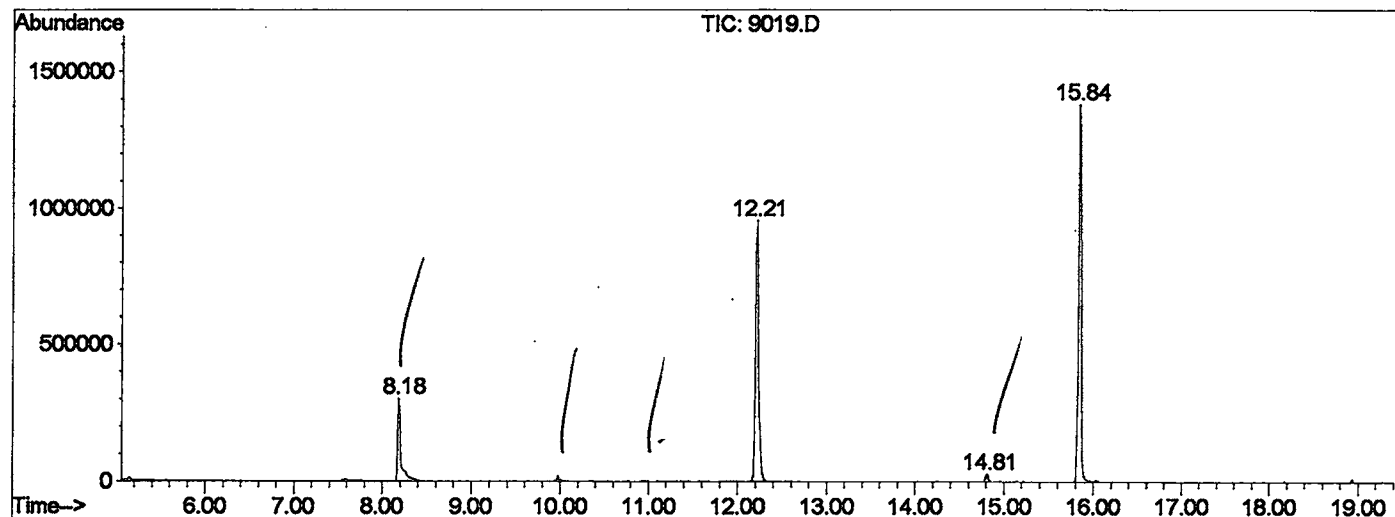
Sum of corrected areas: 16079557

9019.D GCMS0412.M

Fri Apr 26 11:07:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9019.D
 Operator :
 Acquired : 25 Apr 2002 12:13 pm using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: re-inject
 Misc Info :
 Vial Number: 23
 Quant File :GCMS0412.RES (RTE Integrator)



9019.D GCMS0412.M Fri Apr 26 11:07:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D
 Acq On : 25 Apr 2002 12:13 pm
 Sample : re-inject
 Misc :
 MS Integration Params: LSCINT.P

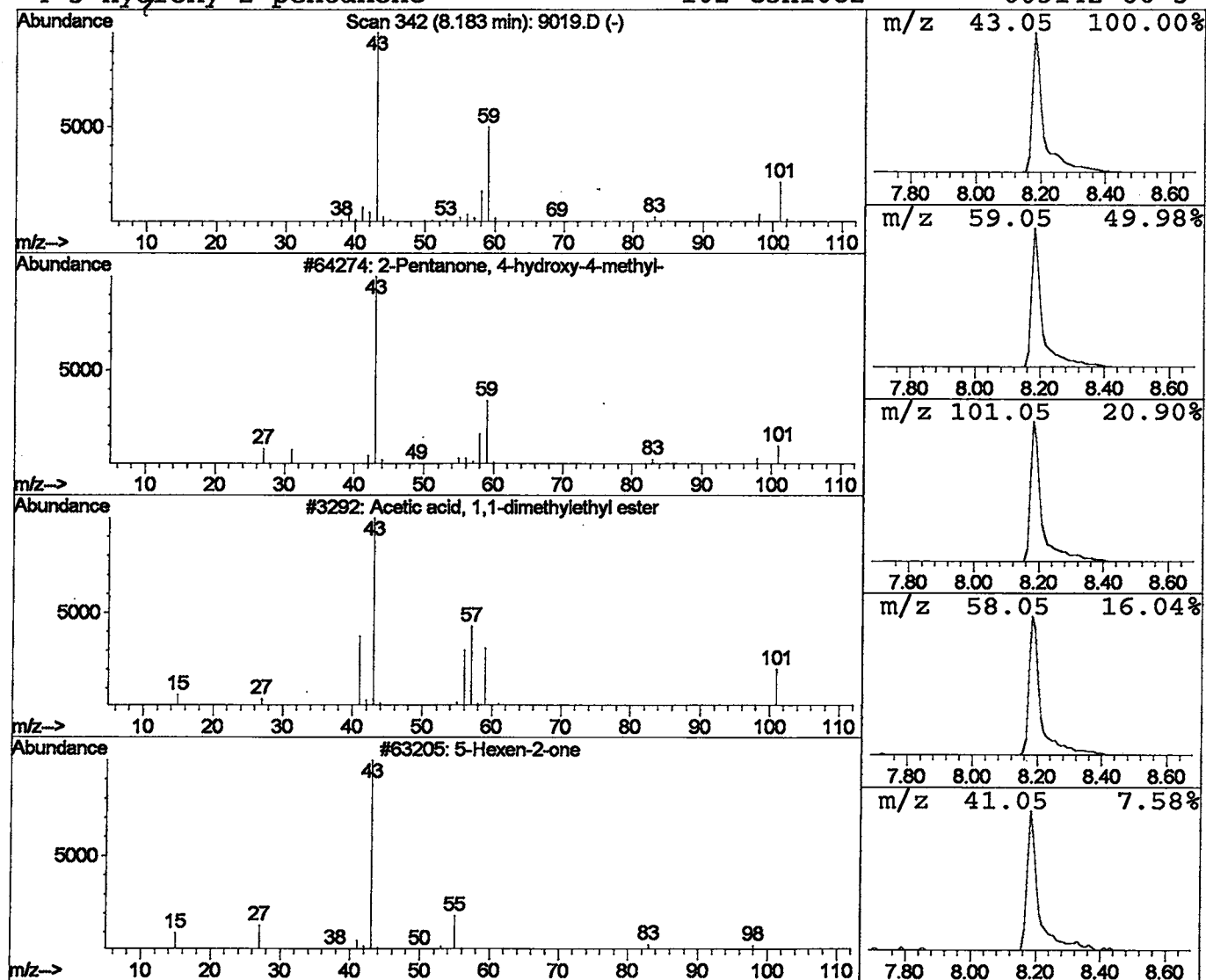
Vial: 23
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	6.47 ug/l	737224	1,4-Dichlorobenzene-d4	12.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56	
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33	
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9019.D
Acq On : 25 Apr 2002 12:13 pm
Sample : re-inject
Misc :
MS Integration Params: LSCINT.P

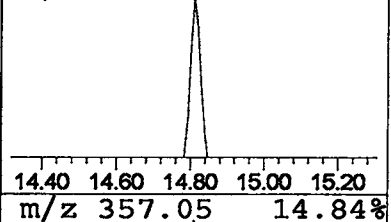
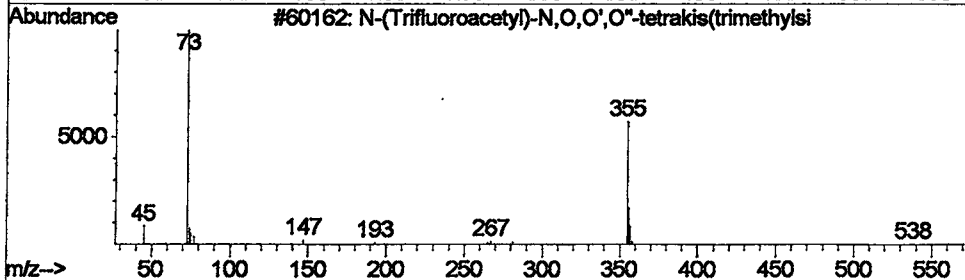
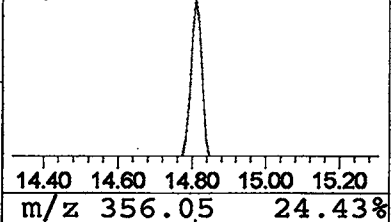
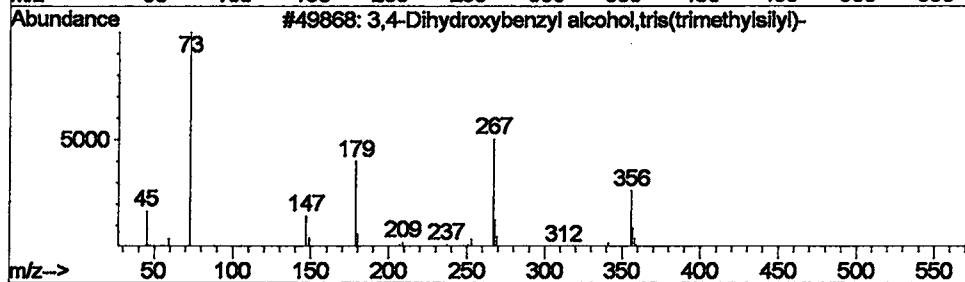
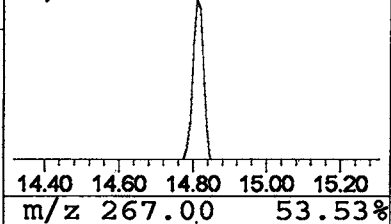
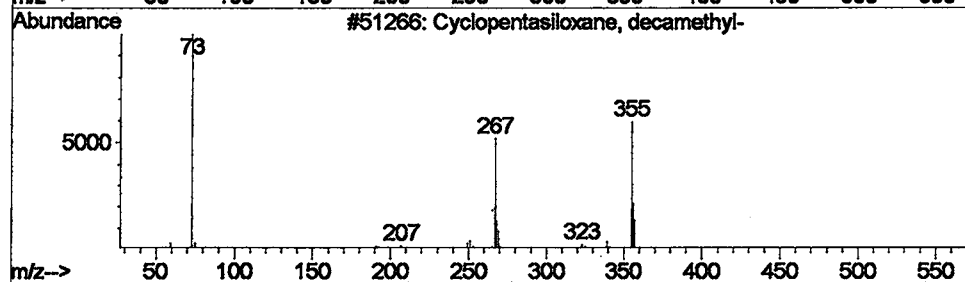
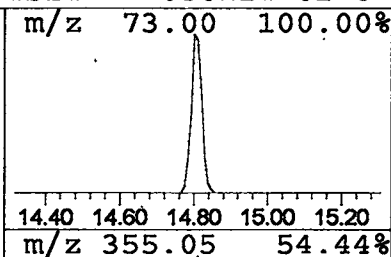
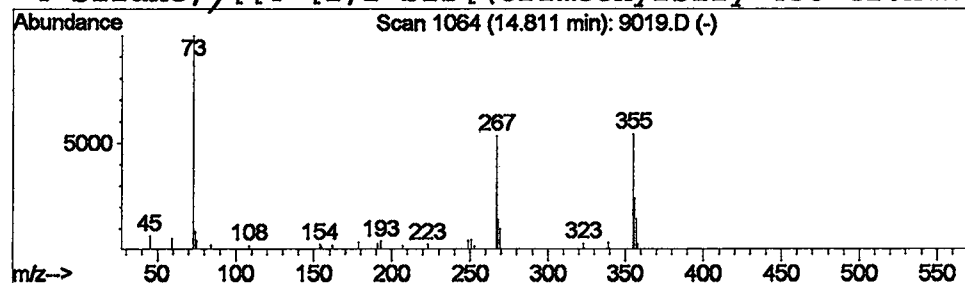
Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.35 ug/l	50966	Naphthalene-d8	15.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		3,4-Dihydroxybenzyl alcohol, tris(tr	356	C16H32O3Si3	068595-79-9	52
3		N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4		Silane, [4-[1,2-bis(trimethylsilyl	458	C20H42O4Si4	056114-62-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 12:13 pm
 Data File: C:\HPCHEM\1\DATA\APR2502\9019.D
 Name: re-inject
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	8.18	6.5	ug/l	737224	ISTD01	12.21	2278390	20.0
Cyclopentasiloxane,	14.81	0.4	ug/l	50966	ISTD02	15.84	2889200	20.0

9019.D GCMS0412.M Fri Apr 26 11:07:52 2002