User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/24/2002 Time: 09:52:39

Sample: AE08019
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/24/02 09:52 Ended: 4/24/02 09:52 Analyst: DLV
Page: 1

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

Comments for Sample AE08019 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-24-2002 Time: 09:53:09

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\APR1102\8019.D Vial: 25
Acq On : 12 Apr 2002 1:59 pm Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 12:03 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	442502	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1624192	20.00	ug/l	0.00
17) Acenaphthene-d10	21.16	164	902637	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1270761	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	684787	20.00	ug/l	-0.02
45) Perylene-d12	37.89	264	432386	20.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.30	209	38081	7.84	ug/L	-0.03
Spiked Amount 10.000			Recovery = 78.40%			
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	0.00	128	0	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	22.65	149	809	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1102\8019.D Vial: 25
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Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
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Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0408

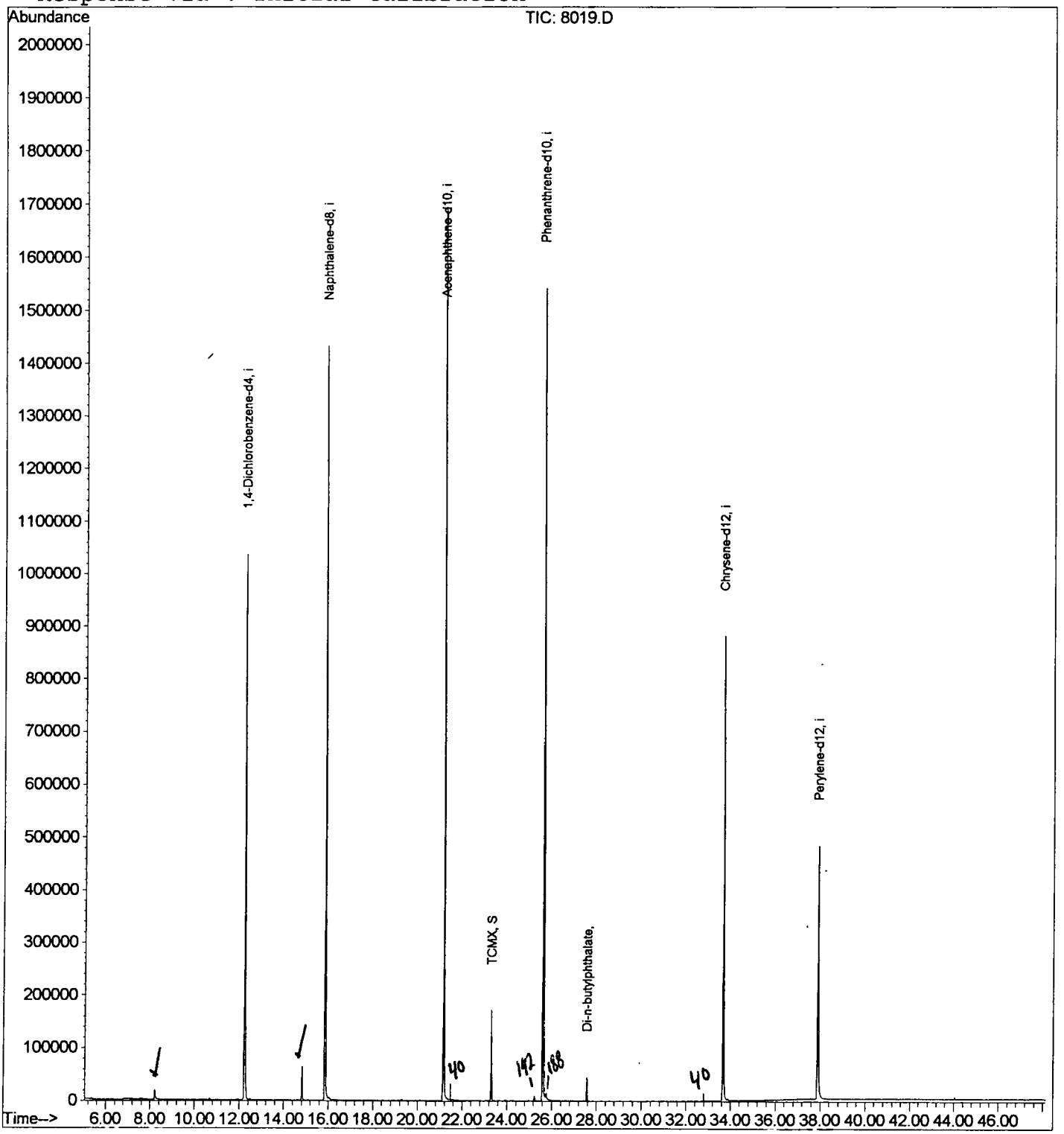
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.61	178	102	N.D.	
35) Anthracene	0.00	178	0	N.D.	
36) Di-n-butylphthalate	27.57	149	56970	1.39 ug/l	98
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.67	228	1518	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.87	149	2282	N.D.	
44) Chrysene	33.67	228	1518	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.90	252	1688	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1102\8019.D Vial: 25
Acq On : 12 Apr 2002 1:59 pm Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 12:03 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 11:47:07 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1102\8019.D Vial: 25
Acq On : 12 Apr 2002 1:59 pm Operator:
Sample : gc/ms scan 4/4 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

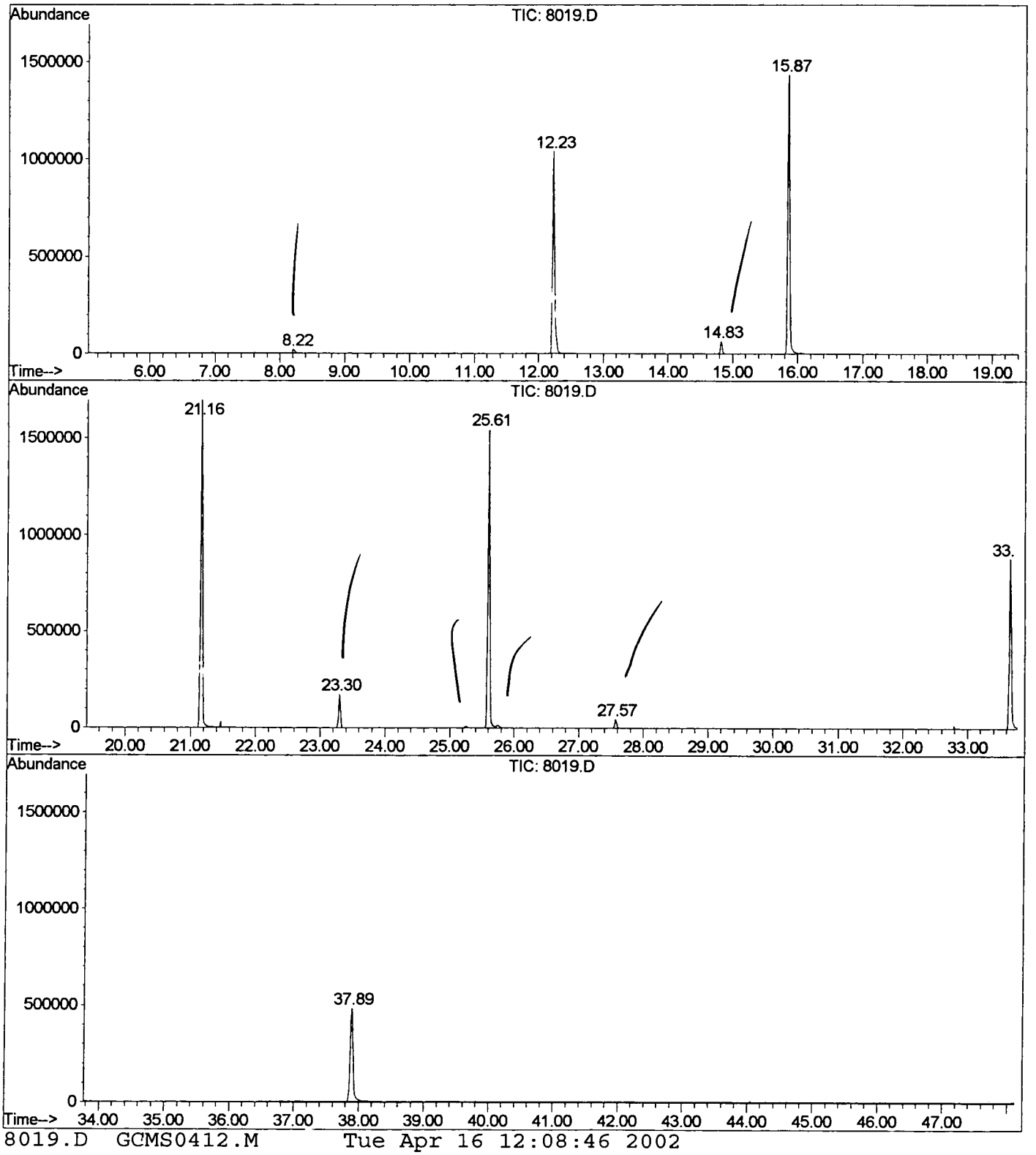
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.220	342	346	356	rBV	18094	42653	1.21%	0.261%
2	12.231	777	783	798	rVB	1035151	2417677	68.81%	14.786%
3	14.829	1060	1066	1072	rBV	63514	120172	3.42%	0.735%
4	15.867	1172	1179	1195	rBV	1432052	3096944	88.14%	18.941%
5	21.164	1750	1756	1774	rBV	1692810	3513691	100.00%	21.489%
6	23.303	1982	1989	1995	rBV	171277	339559	9.66%	2.077%
7	25.607	2233	2240	2252	rBV2	1540722	3227322	91.85%	19.738%
8	27.572	2448	2454	2463	rBV	45183	93303	2.66%	0.571%
9	33.658	3111	3117	3135	rBV2	881511	2013194	57.30%	12.313%
10	37.890	3570	3578	3596	rBV2	480675	1486237	42.30%	9.090%

Sum of corrected areas: 16350752

8019.D GCMS0412.M Tue Apr 16 12:08:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1102\8019.D
Operator :
Acquired : 12 Apr 2002 1:59 pm using AcqMethod GCMS0408
Instrument : 209
Sample Name: gc/ms scan 4/4
Misc Info :
Vial Number: 25
Quant File :GCMS0412.RES (RTE Integrator)



8019.D GCMS0412.M Tue Apr 16 12:08:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1102\8019.D Vial: 25
Acq On : 12 Apr 2002 1:59 pm Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

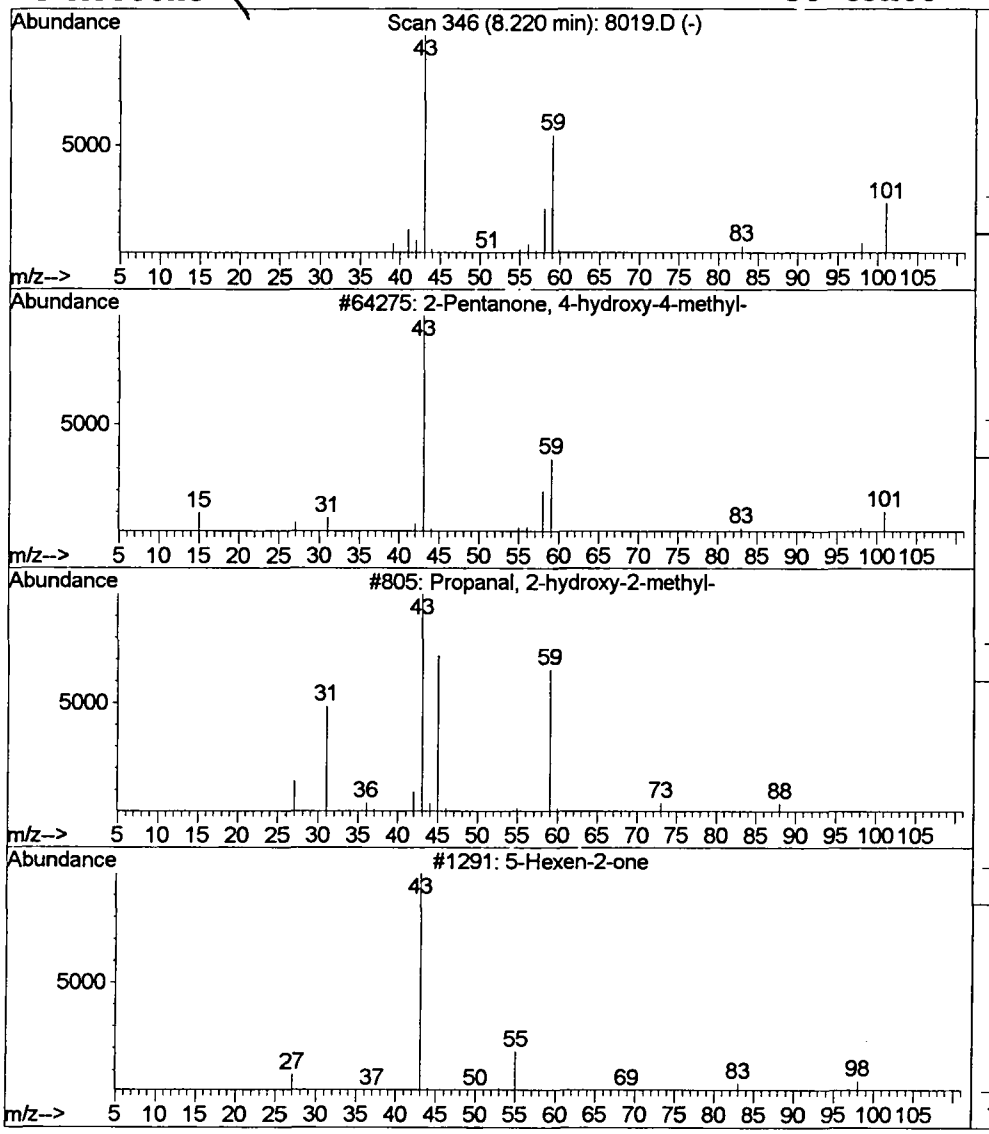
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.35 ug/l	42653	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1102\8019.D Vial: 25
Acq On : 12 Apr 2002 1:59 pm Operator:
Sample : gc/ms scan 4/4 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

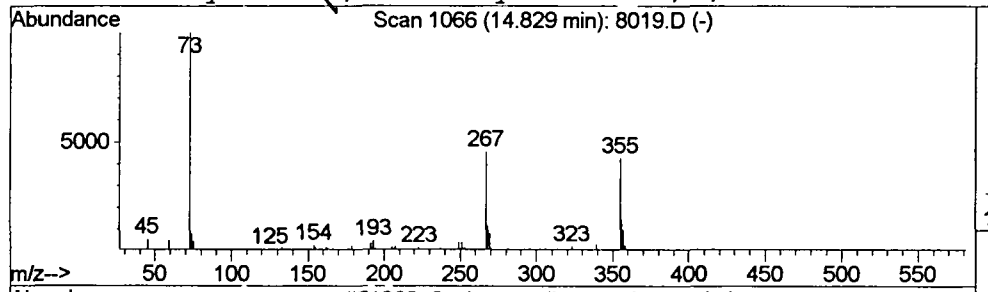
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

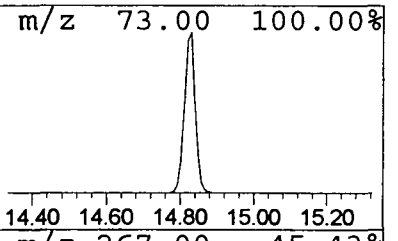
****

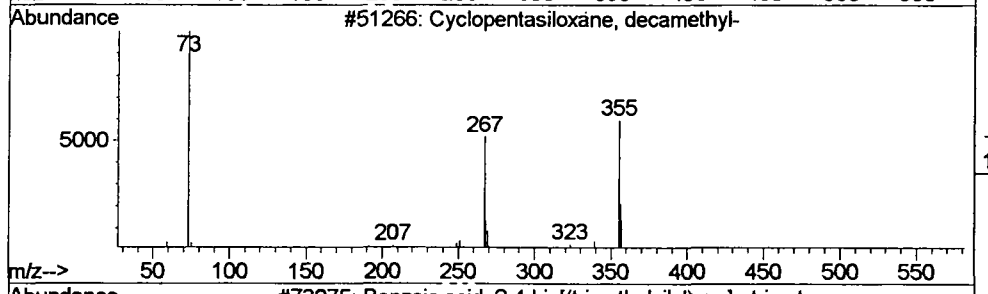
Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

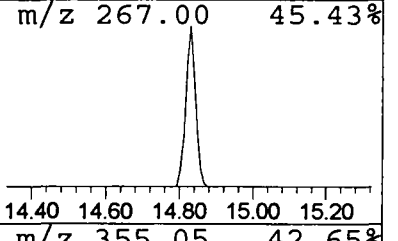
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.78 ug/l	120172	Naphthalene-d8	15.87

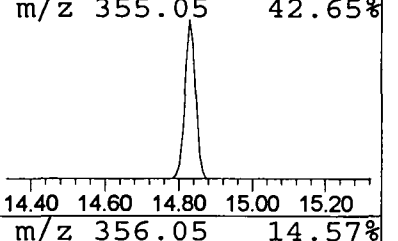
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37

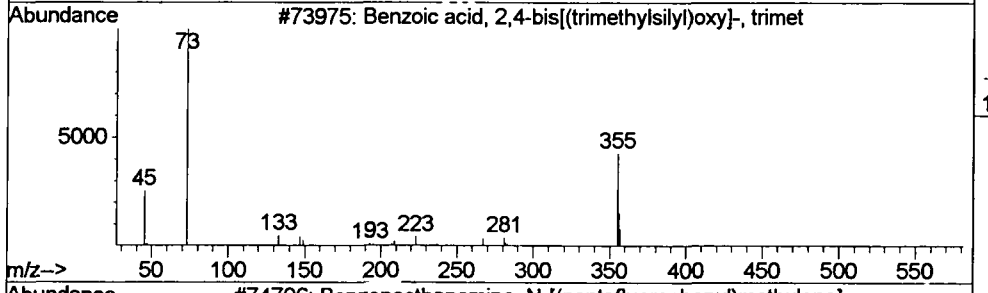


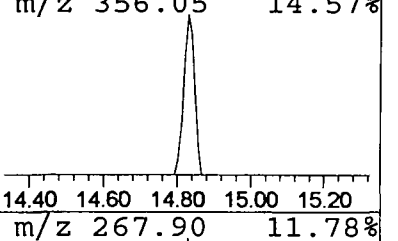


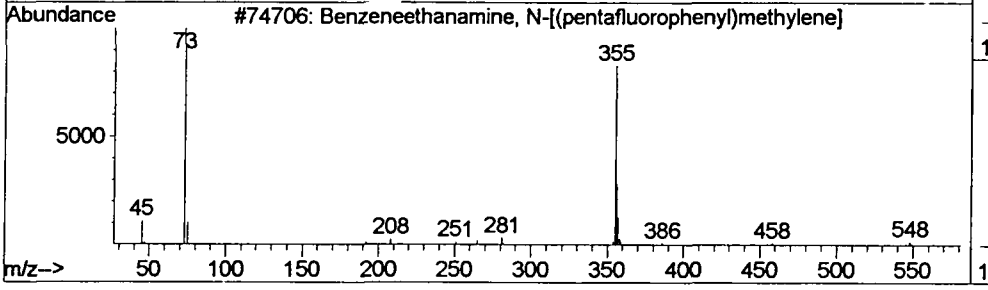


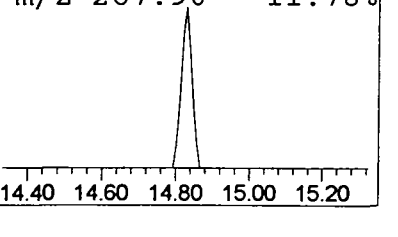












Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 Apr 2002 1:59 pm
Data File: C:\HPCHEM\1\DATA\APR1102\8019.D
Name: gc/ms scan 4/4
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	8.22	0.4	ug/l	42653	ISTD01	12.23	2417680	20.0
Cyclopentasiloxane,	14.83	0.8	ug/l	120172	ISTD02	15.87	3096940	20.0

8019.D GCMS0412.M Tue Apr 16 12:08:48 2002