User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/03/2002 Time: 11:50:37

Sample: AE04410
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/3/02 11:50 Ended: 4/3/02 11:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE04410 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-03-2002 Time: 11:51:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for compounds in the LCS Standard were high. New limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2502\4410.D Vial: 16
Acq On : 26 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:13 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	493398	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1847855	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	1014924	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1438970	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	756684	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	451306	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	99019	~~8.41~~ 5.36	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~168.20%~~ 107%		
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	15.94	128	351	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	22.68	149	1089	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

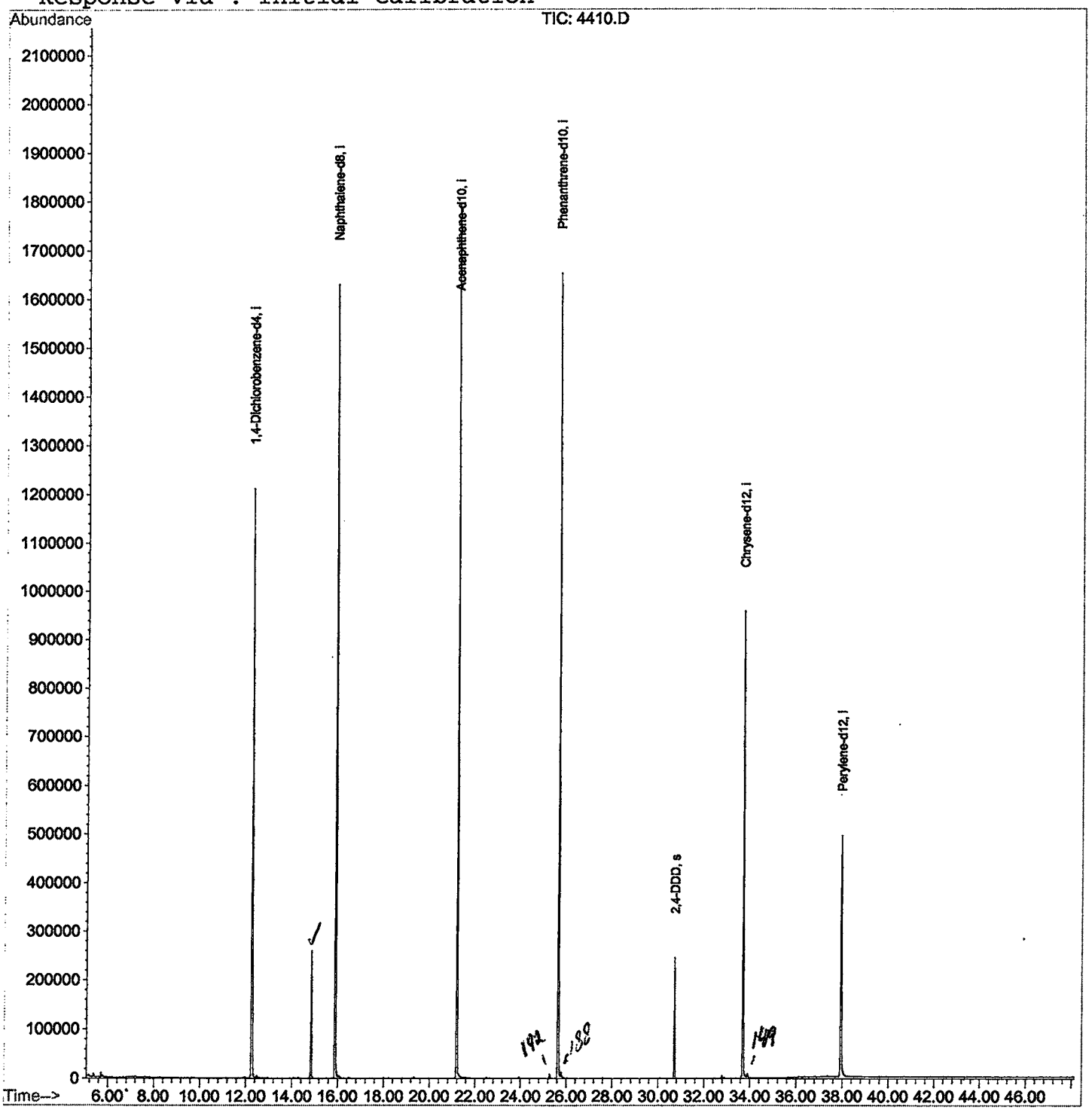
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.65	178	464	N.D.	
34)	Anthracene	25.65	178	464	N.D.	
35)	Di-n-butylphthalate	27.61	149	2681	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.70	228	1832	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	5327	N.D.	
43)	Chrysene	33.70	228	1832	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	424	N.D.	
47)	Benzo(k)fluoranthene	36.80	252	435	N.D.	
48)	Benzo(a)pyrene	37.75	252	100	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	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\MAR2502\4410.D Vial: 16
Acq On : 26 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 28 12:13 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4410.D Vial: 16
Acq On : 26 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

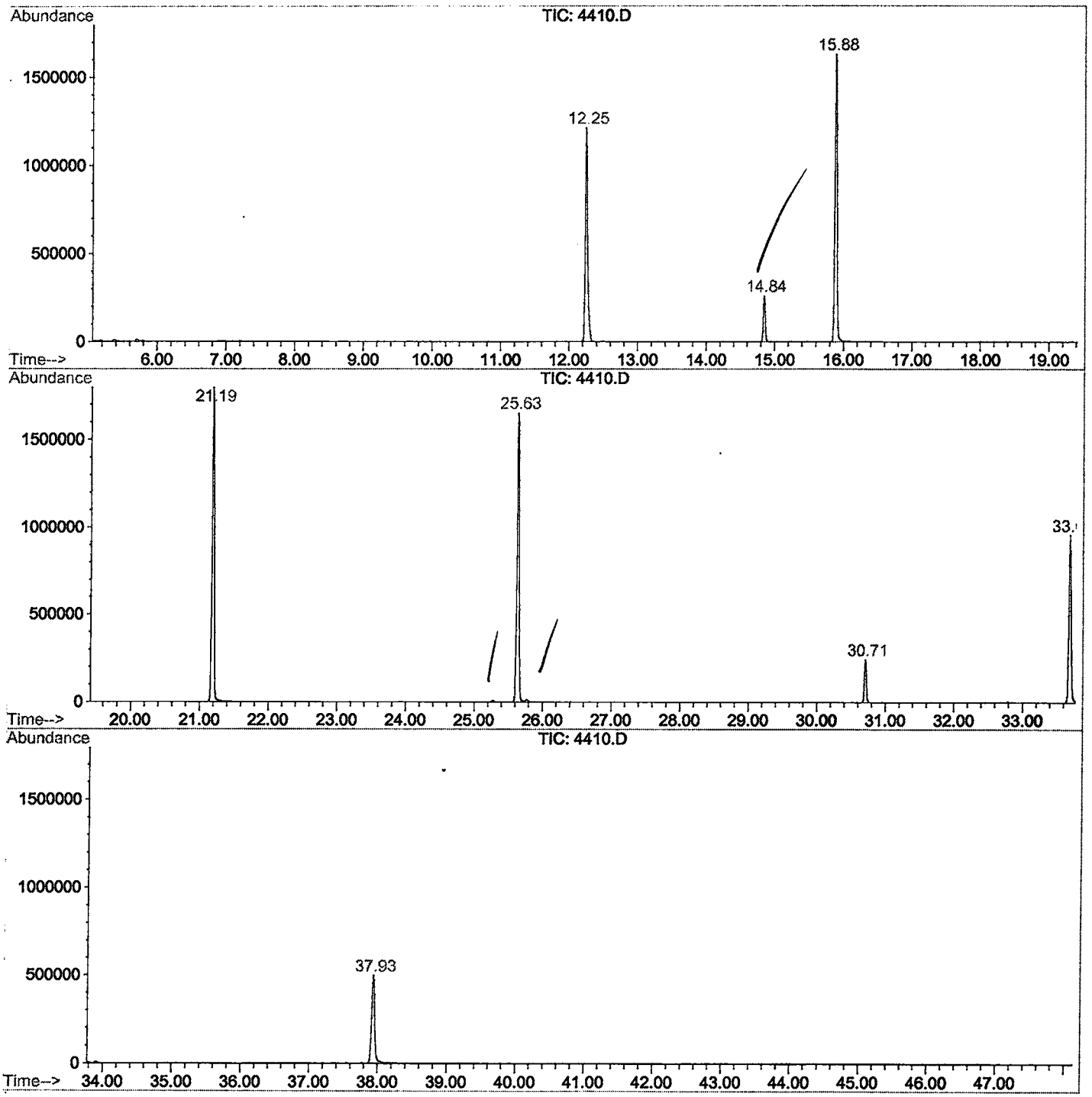
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.247	779	784	801	rBV	1211397	2692967	69.90%	14.703%
2	14.845	1062	1067	1075	rVB	259544	508718	13.21%	2.777%
3	15.882	1174	1180	1197	rBV	1630353	3465915	89.97%	18.923%
4	21.188	1752	1758	1775	rBV	1796713	3852341	100.00%	21.033%
5	25.631	2236	2242	2254	rBV2	1652890	3604893	93.58%	19.682%
6	30.708	2790	2795	2804	rVB	246266	482199	12.52%	2.633%
7	33.692	3113	3120	3136	rBV2	959438	2178582	56.55%	11.894%
8	37.933	3574	3582	3598	rBV2	495073	1530335	39.72%	8.355%

Sum of corrected areas: 18315950

4410.D GCMS0308.M Thu Mar 28 12:31:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2502\4410.D
Operator :
Acquired : 26 Mar 2002 1:00 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/28
Misc Info :
Vial Number: 16
Quant File :GCMS0308.RES (RTE Integrator)



4410.D GCMS0308.M Thu Mar 28 12:31:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2502\4410.D Vial: 16
Acq On : 26 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/28 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

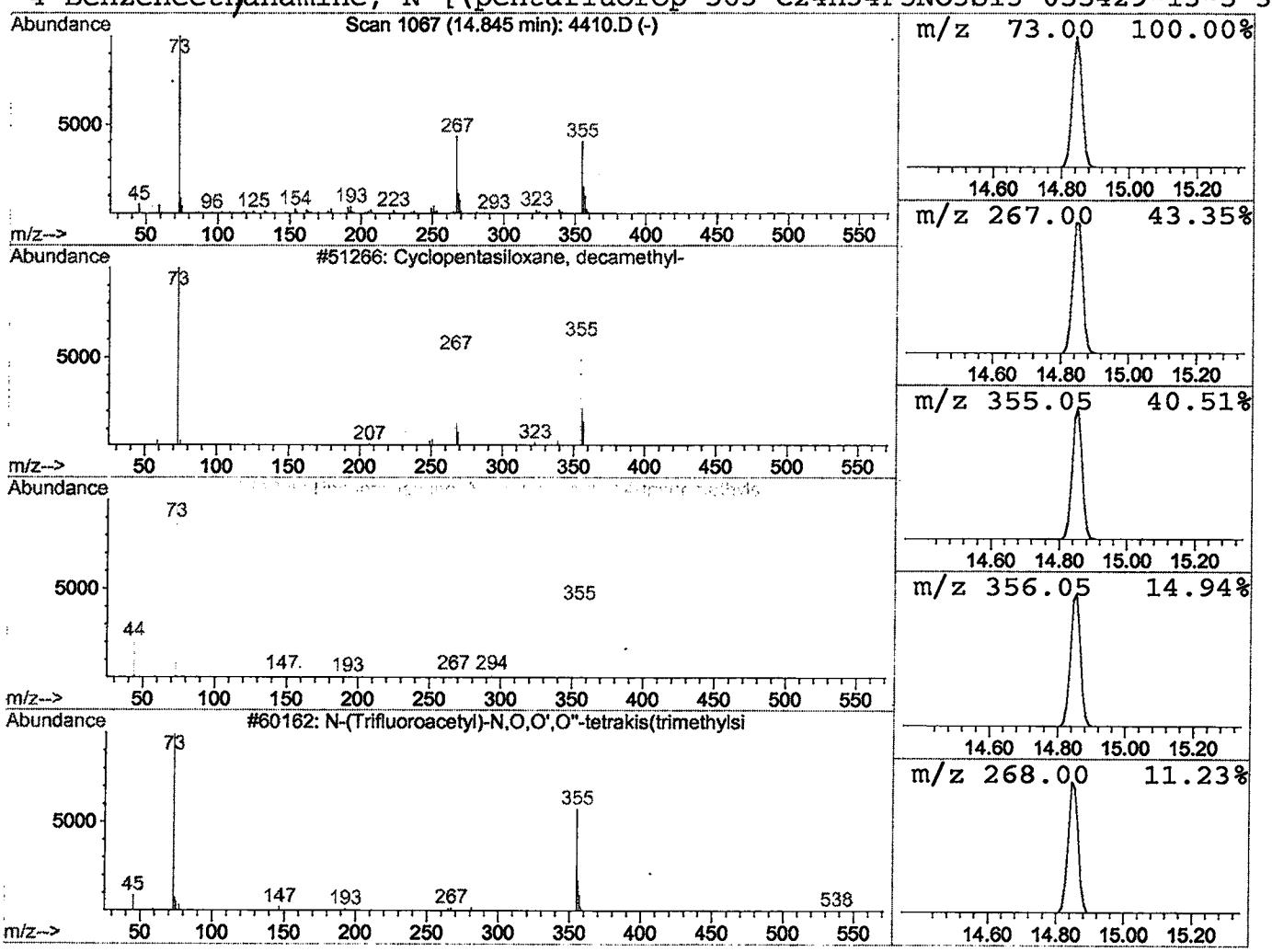
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.94 ug/l	508718	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	76
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	32
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 1:00 am
Data File: C:\HPCHEM\1\DATA\MAR2502\4410.D
Name: gc/ms scan 2/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Cyclopentasiloxane,	14.84	2.9	ug/l	508718	ISTD02	15.88	3465920	20.0

4410.D GCMS0308.M Thu Mar 28 12:31:52 2002