User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:40:19

Sample: AE03830
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:39 Ended: 3/29/02 11:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AE03830 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:40:29

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3830.D Vial: 11
Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:39 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	12.26	152	387954	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	1500627	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	817400	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1194120	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	706238	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	413947	20.00	ug/l	-0.16
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	78273	~~8.01~~ 4.24	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~160.20%~~ 85%		
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	15.96	128	408	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	22.69	149	338	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

Quantitation Report (QT Reviewed)

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Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:39 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

	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	25.66	178	272	N.D.	
34)	Anthracene	25.66	178	272	N.D.	
35)	Di-n-butylphthalate	27.62	149	9750	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	180	N.D.	
41)	Benzo(a)anthracene	33.72	228	1424	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	15908	0.56 ug/l #	93
43)	Chrysene	33.72	228	1424	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	458	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	397	N.D.	
48)	Benzo(a)pyrene	37.98	252	1545	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

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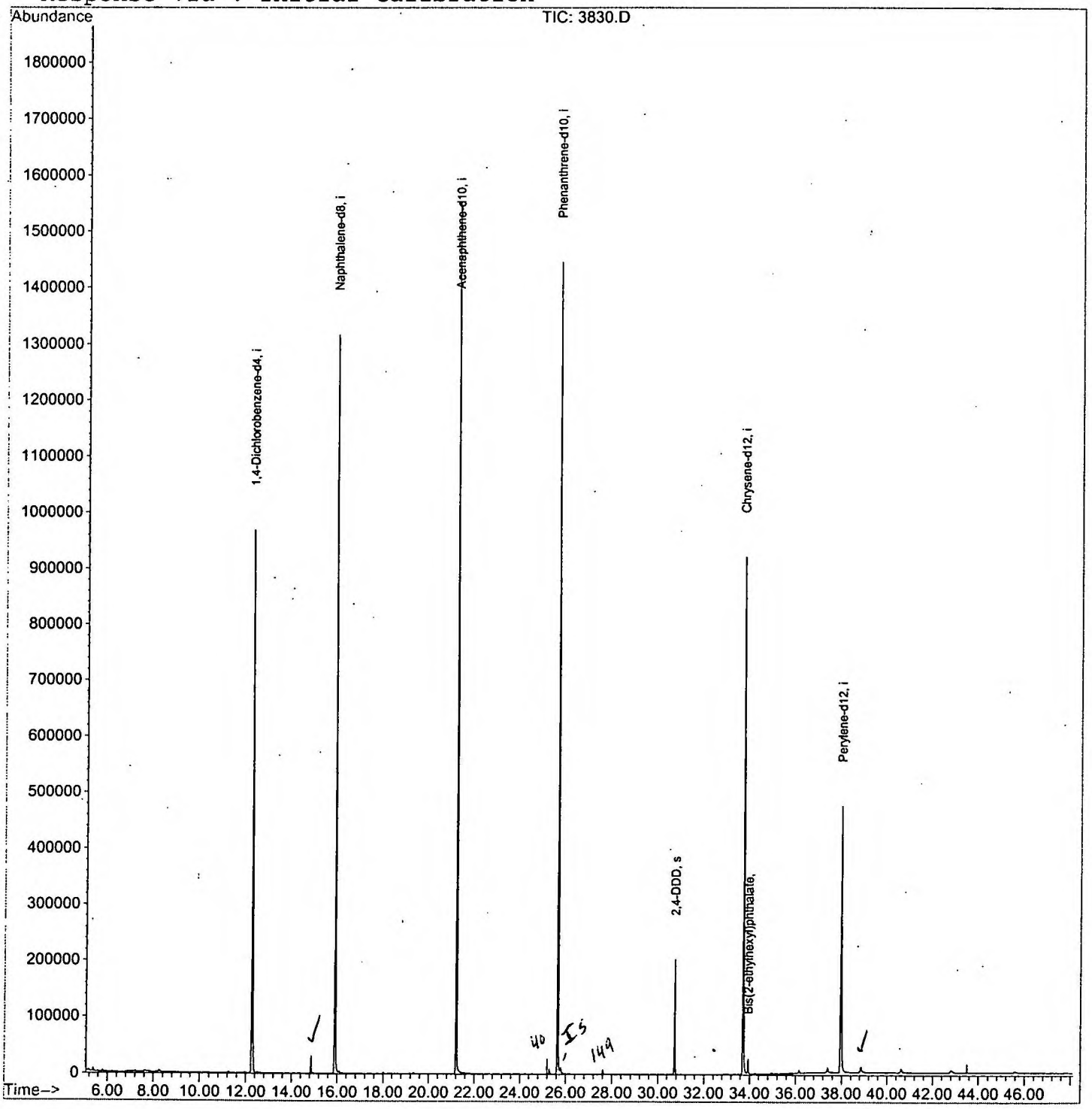
Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:39 2002 Quant Results File: GCMS0308.RES

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\MAR2202\3830.D Vial: 11
Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 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

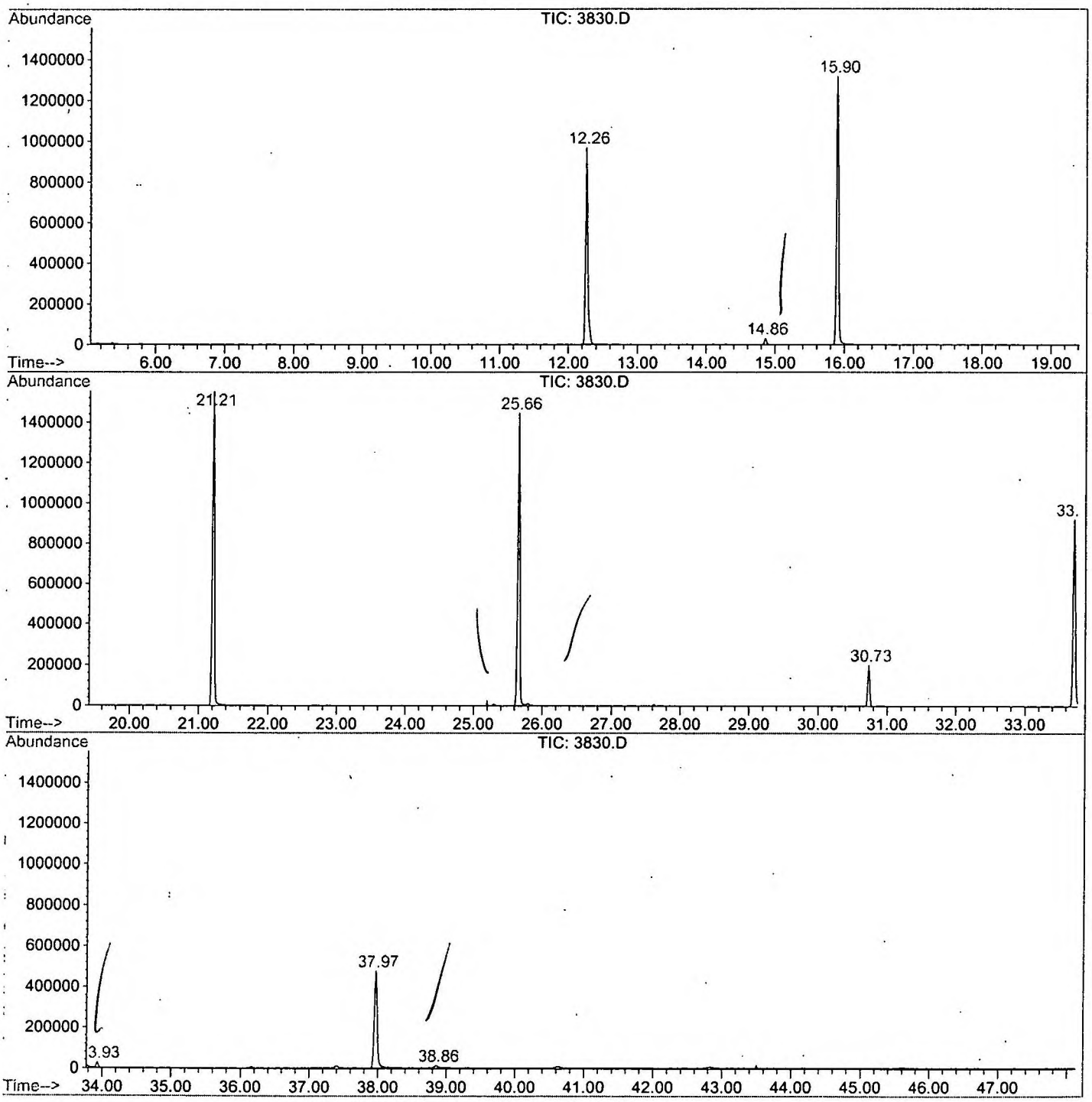
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.261	781	786	801	rVB	967451	2135432	68.51%	14.110%
2	14.859	1065	1069	1075	rVB	31525	60824	1.95%	0.402%
3	15.897	1176	1182	1199	rBV	1316140	2842697	91.19%	18.783%
4	21.212	1754	1761	1772	rBV	1552775	3117184	100.00%	20.596%
5	25.655	2239	2245	2257	rBV2	1444636	3008440	96.51%	19.878%
6	30.732	2792	2798	2804	rBV	203157	396077	12.71%	2.617%
7	33.716	3116	3123	3142	rBV2	921860	2051349	65.81%	13.554%
8	33.927	3142	3146	3154	rVB	26472	55098	1.77%	0.364%
9	37.966	3578	3586	3602	rBV2	473328	1419300	45.53%	9.378%
10	38.857	3674	3683	3693	rBV4	10556	48242	1.55%	0.319%

Sum of corrected areas: 15134643

3830.D GCMS0308.M Tue Mar 26 14:58:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3830.D
Operator :
Acquired : 23 Mar 2002 3:57 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 11
Quant File :GCMS0308.RES (RTE Integrator)



3830.D GCMS0308.M Tue Mar 26 14:58:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3830.D Vial: 11
Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

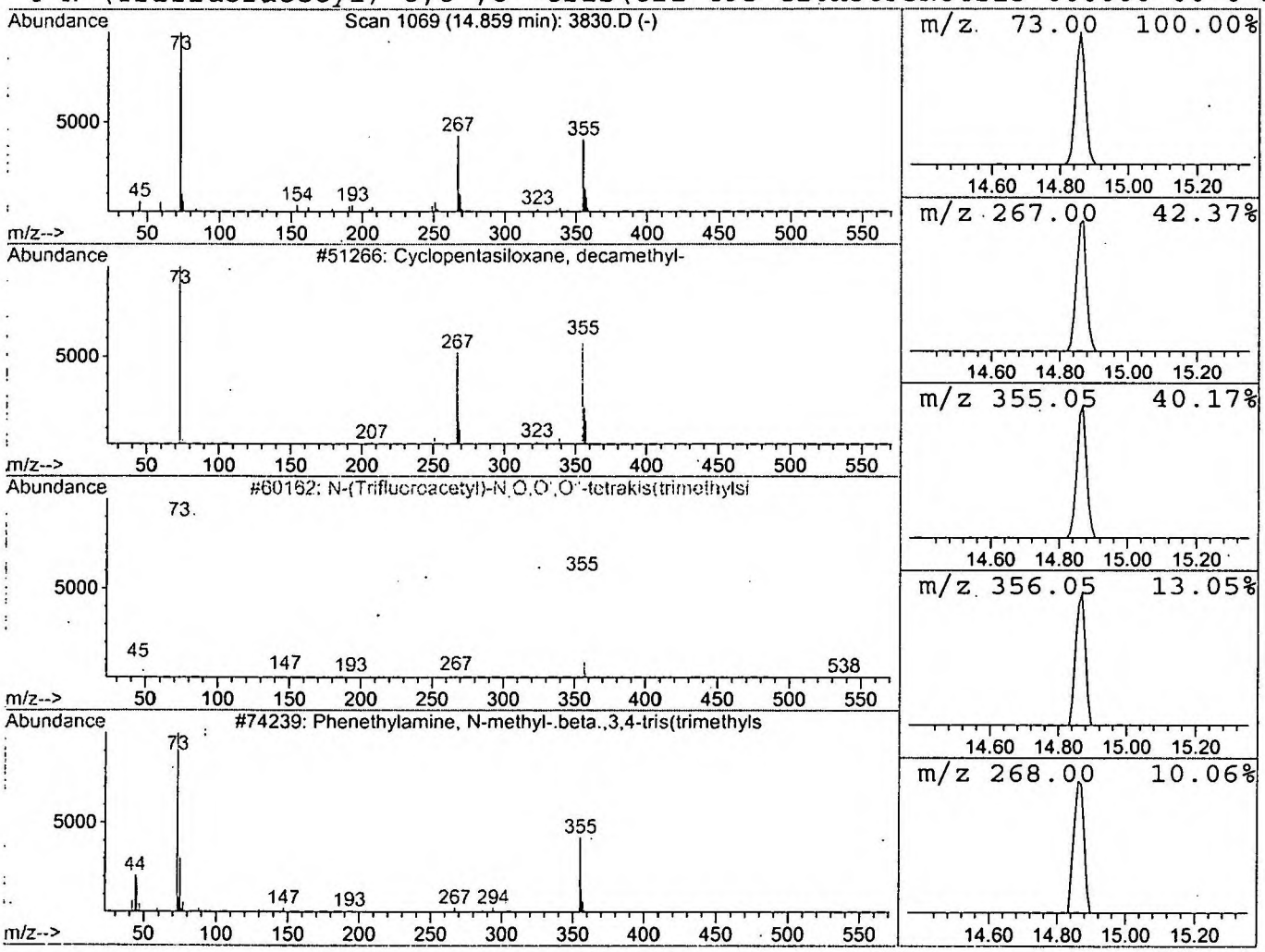
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.43 ug/l	60824	Naphthalene-d8	15.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37
4	N-(Trifluoroacetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3830.D Vial: 11
Acq On : 23 Mar 2002 3:57 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

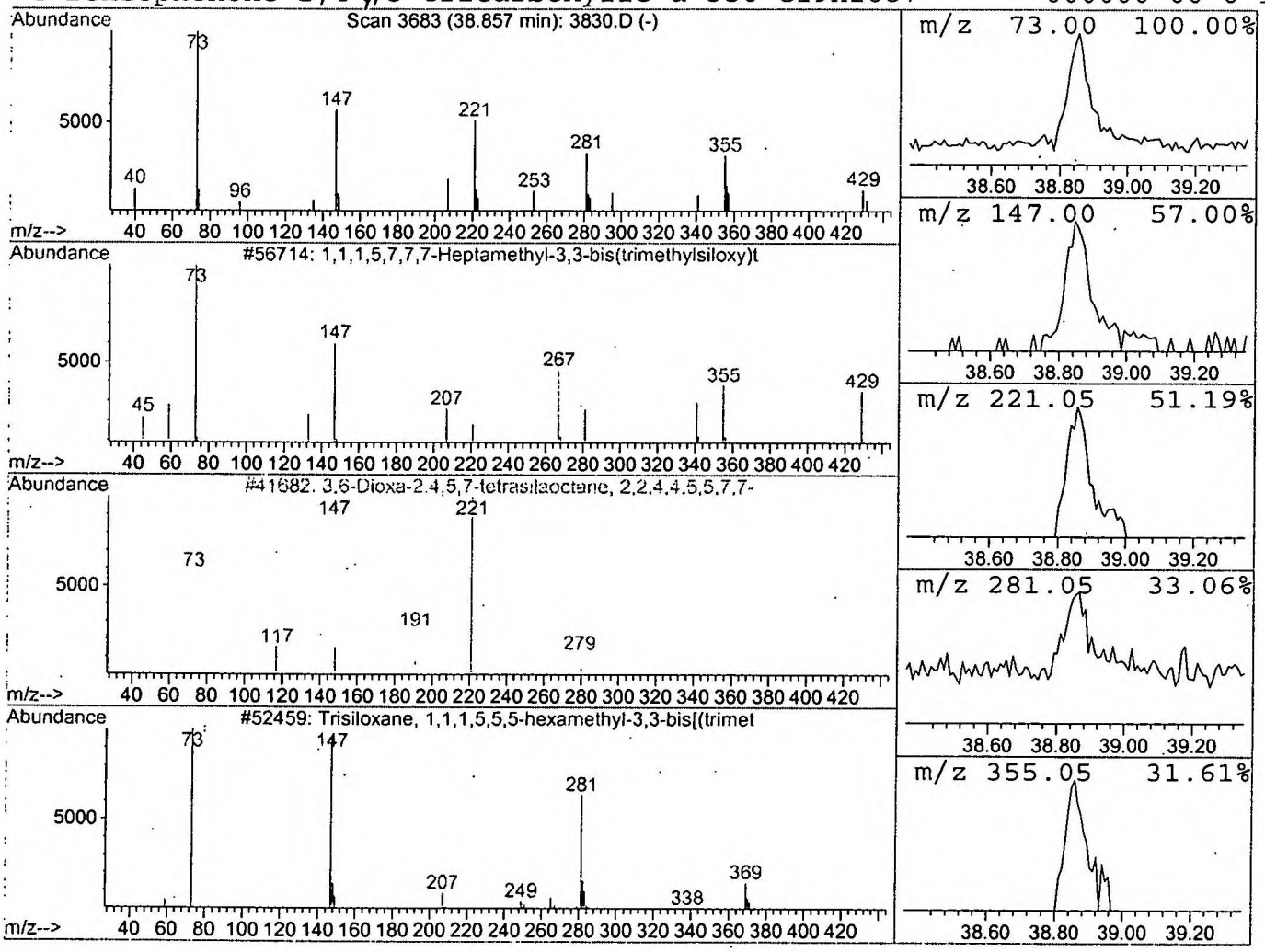
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.86	0.68 ug/l	48242	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
2	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	Benzophenone-2,4',5-tricarboxylic a	356	C19H16O7	000000-00-0	10



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 3:57 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3830.D
Name: gc/ms scan 2/20
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,	14.86	0.4	ug/l	60824	ISTD02	15.91	2842700	20.0
1,1,1,5,7,7,7-Heptam	38.86	0.7	ug/l	48242	ISTD06	37.97	1419300	20.0

3830.D GCMS0308.M Tue Mar 26 14:58:53 2002