User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:41:46

Sample: AE03831
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:40 Ended: 3/29/02 11:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE03831 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:41:49

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\3831.D Vial: 12
Acq On : 23 Mar 2002 4:56 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 14:41 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	395795	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1528884	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	825096	20.00	ug/l	-0.11
29) Phenanthrene-d10	25.66	188	1221747	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	764207	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	448821	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	87329	~~8.73~~ 4.73	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~174.60%~~ 95%		
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	375	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	664	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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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	296	N.D.	
34)	Anthracene	25.66	178	296	N.D.	
35)	Di-n-butylphthalate	27.62	149	13900	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	592	N.D.	
41)	Benzo(a)anthracene	33.72	228	1587	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	6277	N.D.	
43)	Chrysene	33.72	228	1587	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	278	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	172	N.D.	
48)	Benzo(a)pyrene	37.96	252	1762	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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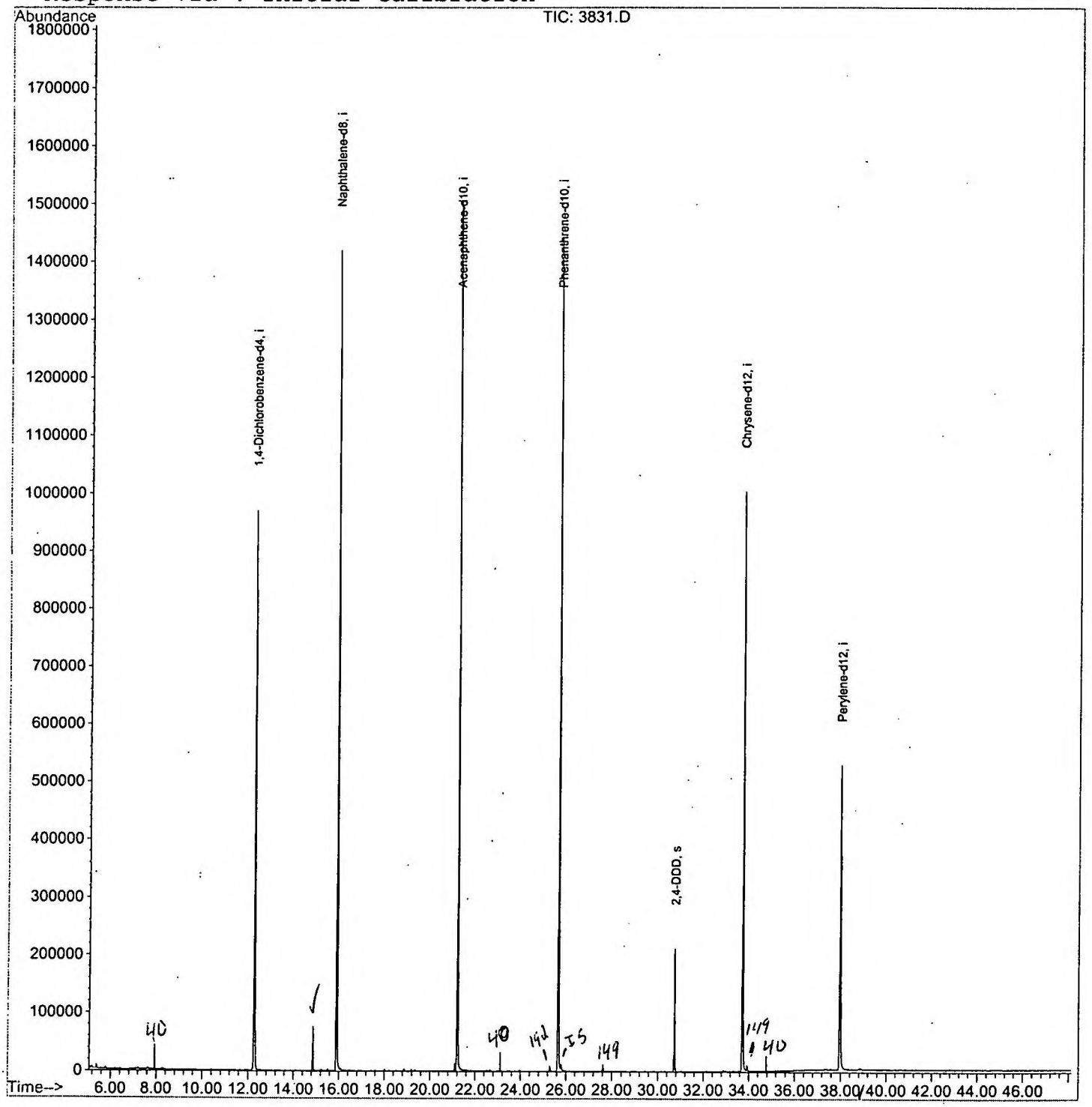
Acq On : 23 Mar 2002 4:56 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:41 2002 Quant Results File: GCMS0308.RES

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



Column (73, 207)

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3831.D Vial: 12
Acq On : 23 Mar 2002 4:56 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

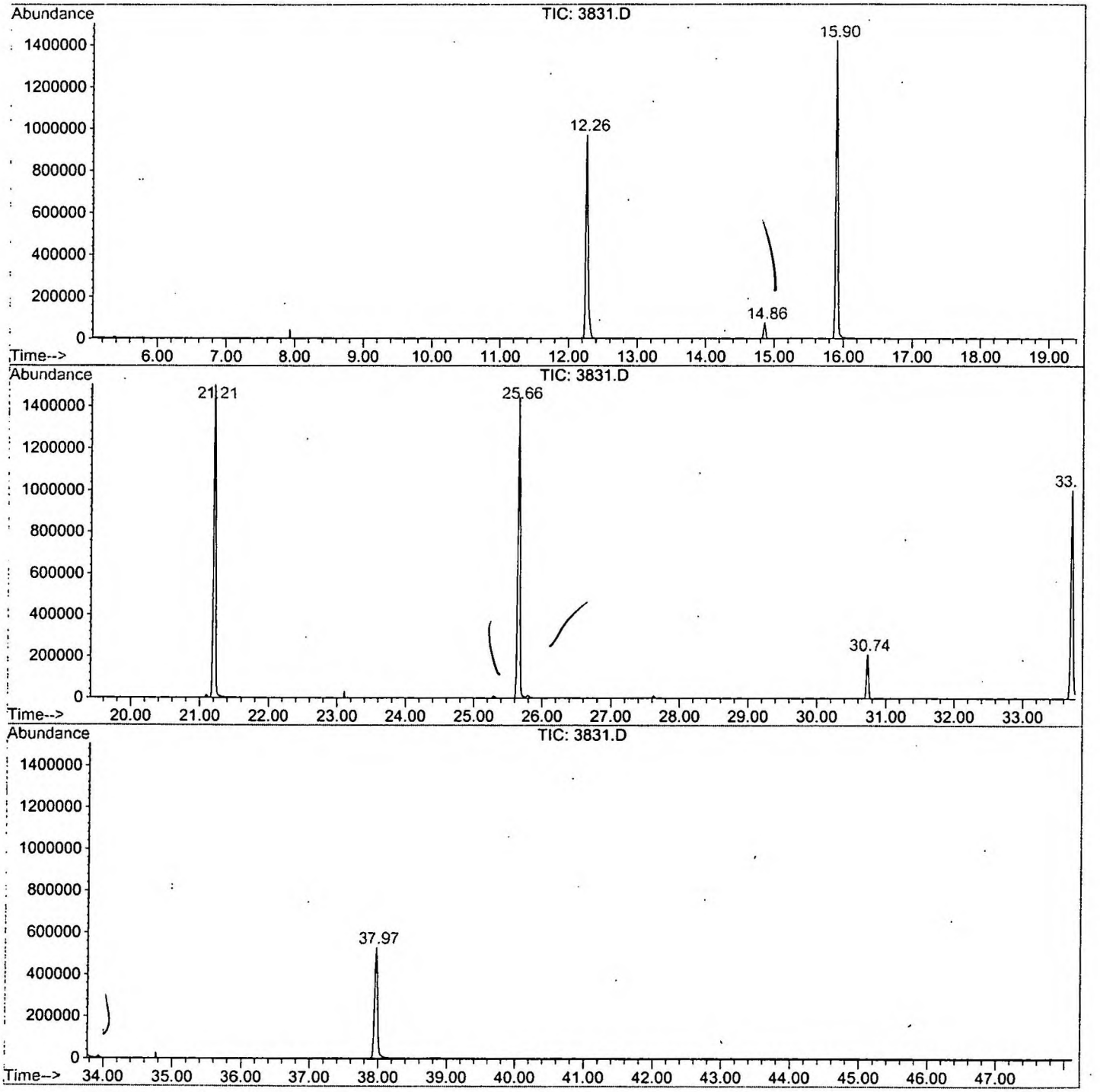
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.265	780	786	801	rVB	968735	2179662	68.12%	13.852%
2	14.863	1064	1069	1074	rBV	75500	140945	4.40%	0.896%
3	15.900	1176	1182	1199	rBV	1418538	2895643	90.50%	18.403%
4	21.206	1754	1760	1777	rBV	1504962	3199706	100.00%	20.335%
5	25.659	2238	2245	2256	rBV2	1439915	3113494	97.31%	19.787%
6	30.736	2792	2798	2806	rVB	211969	437075	13.66%	2.778%
7	33.719	3116	3123	3136	rBV2	1003520	2214971	69.22%	14.077%
8	37.970	3578	3586	3609	rBV2	525802	1553324	48.55%	9.872%

Sum of corrected areas: 15734820

3831.D GCMS0308.M Tue Mar 26 14:59:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3831.D
Operator :
Acquired : 23 Mar 2002 4:56 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 12
Quant File :GCMS0308.RES (RTE Integrator)



3831.D GCMS0308.M Tue Mar 26 14:59:23 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3831.D Vial: 12
Acq On : 23 Mar 2002 4:56 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

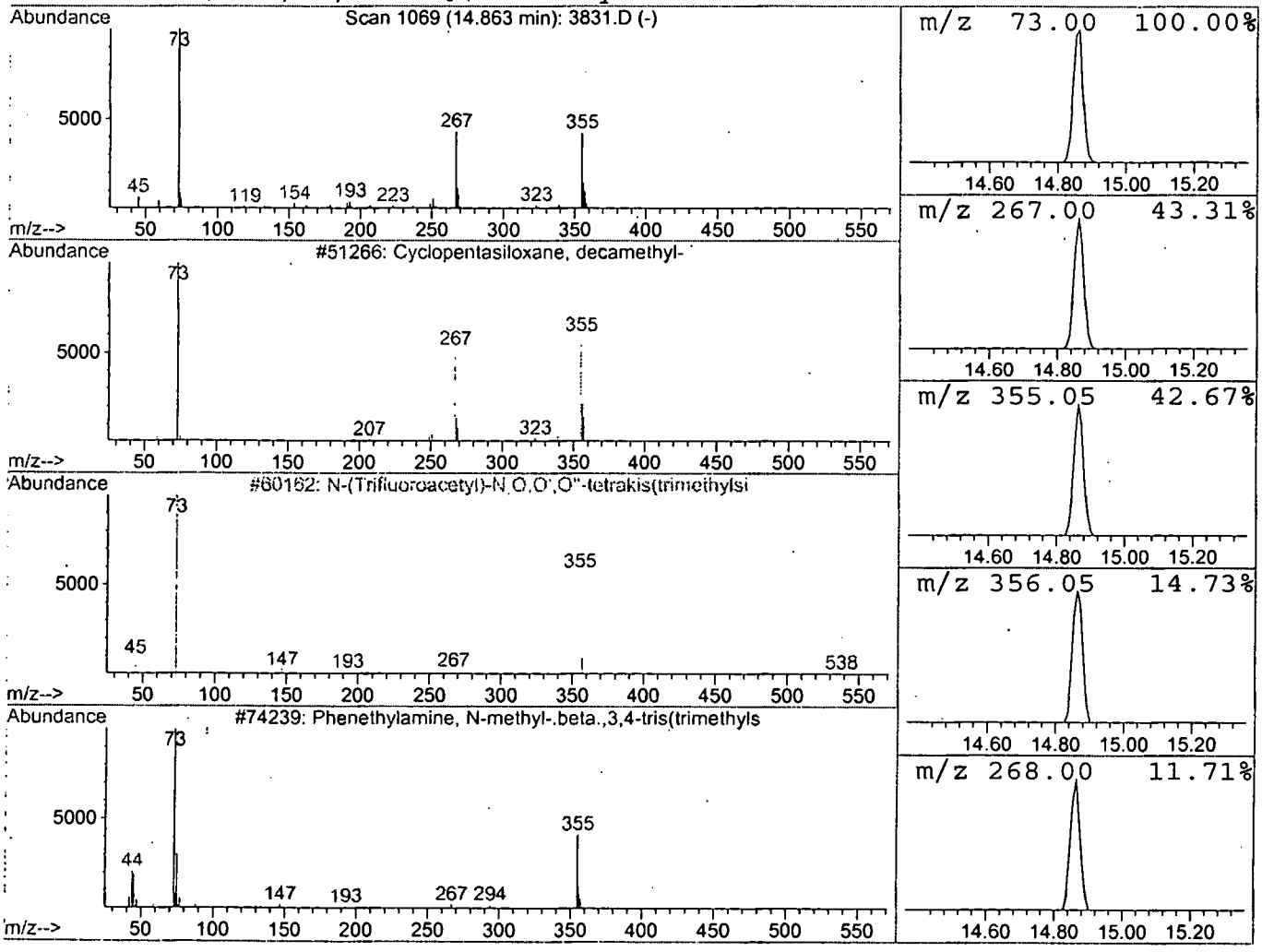
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.97 ug/l	140945	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	47
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 4:56 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3831.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	1.0	ug/l	140945	ISTD02	15.90	2895640	20.0

3831.D GCMS0308.M Tue Mar 26 14:59:32 2002