User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 08:58:22

Sample: AE04944
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 08:58 Ended: 4/5/02 08:58 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE04944 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 08:58:44

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\4944.D Vial: 11
Acq On : 30 Mar 2002 12:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 1:41 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 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	461902	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1689326	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	952960	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1338599	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	655120	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	381072	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	74586	5.55	ug/mL	0.21
Spiked Amount 5.000			Recovery = 111.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.46	74	267	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	15.95	128	268	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	22.66	149	1658	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 : Fri Mar 29 10:31:28 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	25.70	178	434	N.D.	
34) Anthracene	25.70	178	434	N.D.	
35) Di-n-butylphthalate	27.60	149	11741	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.12	149	326	N.D.	
41) Benzo(a)anthracene	33.69	228	1598	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.91	149	3108	N.D.	
43) Chrysene	33.76	228	546	N.D.	
45) Di-n-Octylphthalate	35.64	149	478	N.D.	
46) Benzo(b)fluoranthene	36.76	252	888	N.D.	
47) Benzo(k)fluoranthene	36.82	252	2185	N.D.	
48) Benzo(a)pyrene	37.74	252	460	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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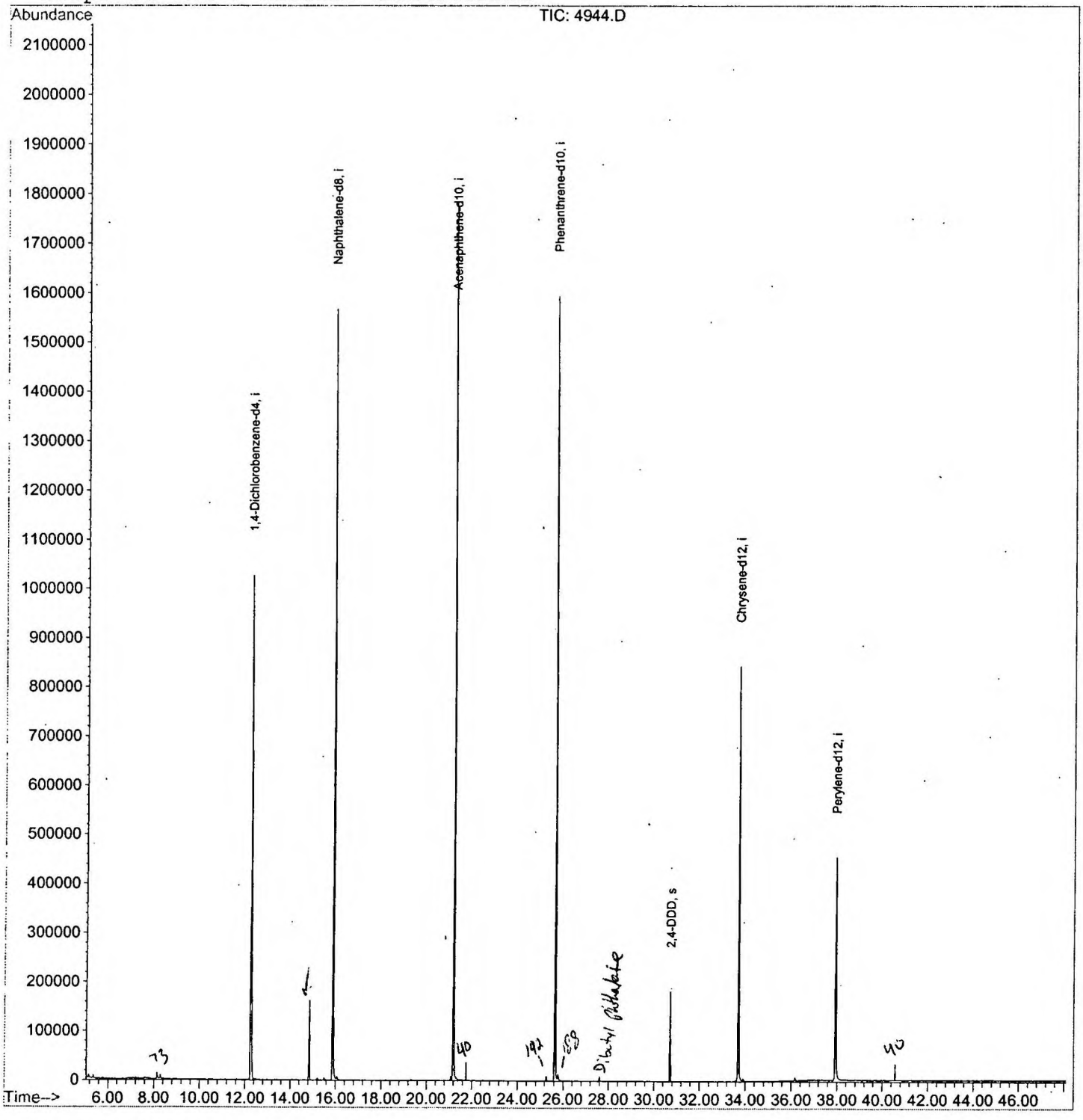
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 1:41 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4944.D Vial: 11
Acq On : 30 Mar 2002 12:52 am Operator:
Sample : gc/ms scan 3/6 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

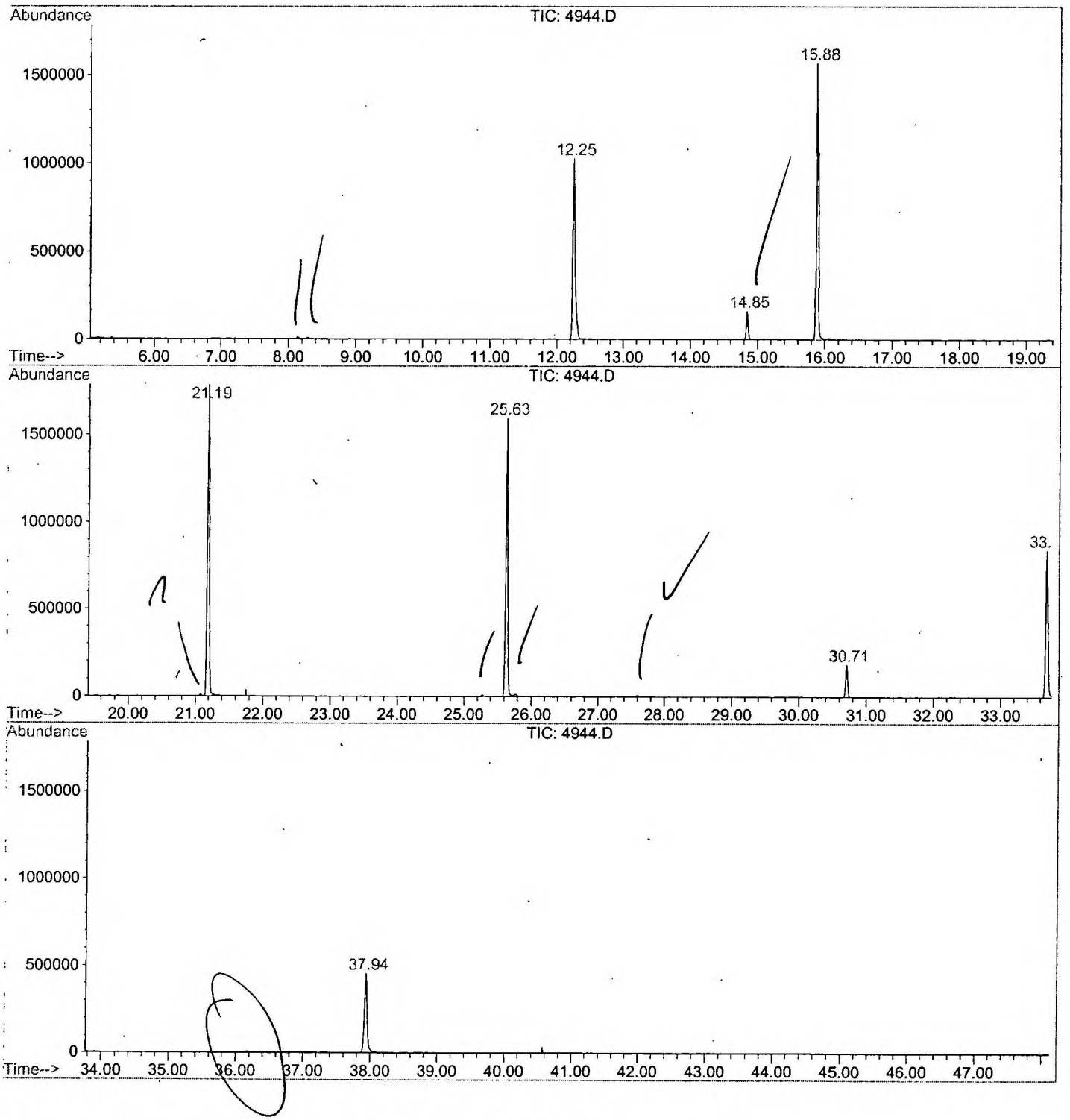
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.249	779	785	801	rBV	1025355	2505529	69.10%	15.131%
2	14.847	1063	1068	1075	rVB	162653	306275	8.45%	1.850%
3	15.884	1175	1181	1198	rBV	1567300	3203116	88.34%	19.343%
4	21.190	1753	1759	1771	rBV	1784476	3625880	100.00%	21.896%
5	25.634	2236	2243	2254	rBV2	1594142	3343486	92.21%	20.191%
6	30.710	2791	2796	2802	rVB	182654	364347	10.05%	2.200%
7	33.694	3114	3121	3138	rBV	843629	1912366	52.74%	11.549%
8	37.935	3575	3583	3602	rBV2	452832	1298413	35.81%	7.841%

Sum of corrected areas: 16559412

4944.D GCMS0308.M Tue Apr 02 11:07:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4944.D
Operator :
Acquired : 30 Mar 2002 12:52 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 11
Quant File :GCMS0308.RES (RTE Integrator)



4944.D GCMS0308.M Tue Apr 02 11:07:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4944.D Vial: 11
Acq On : 30 Mar 2002 12:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

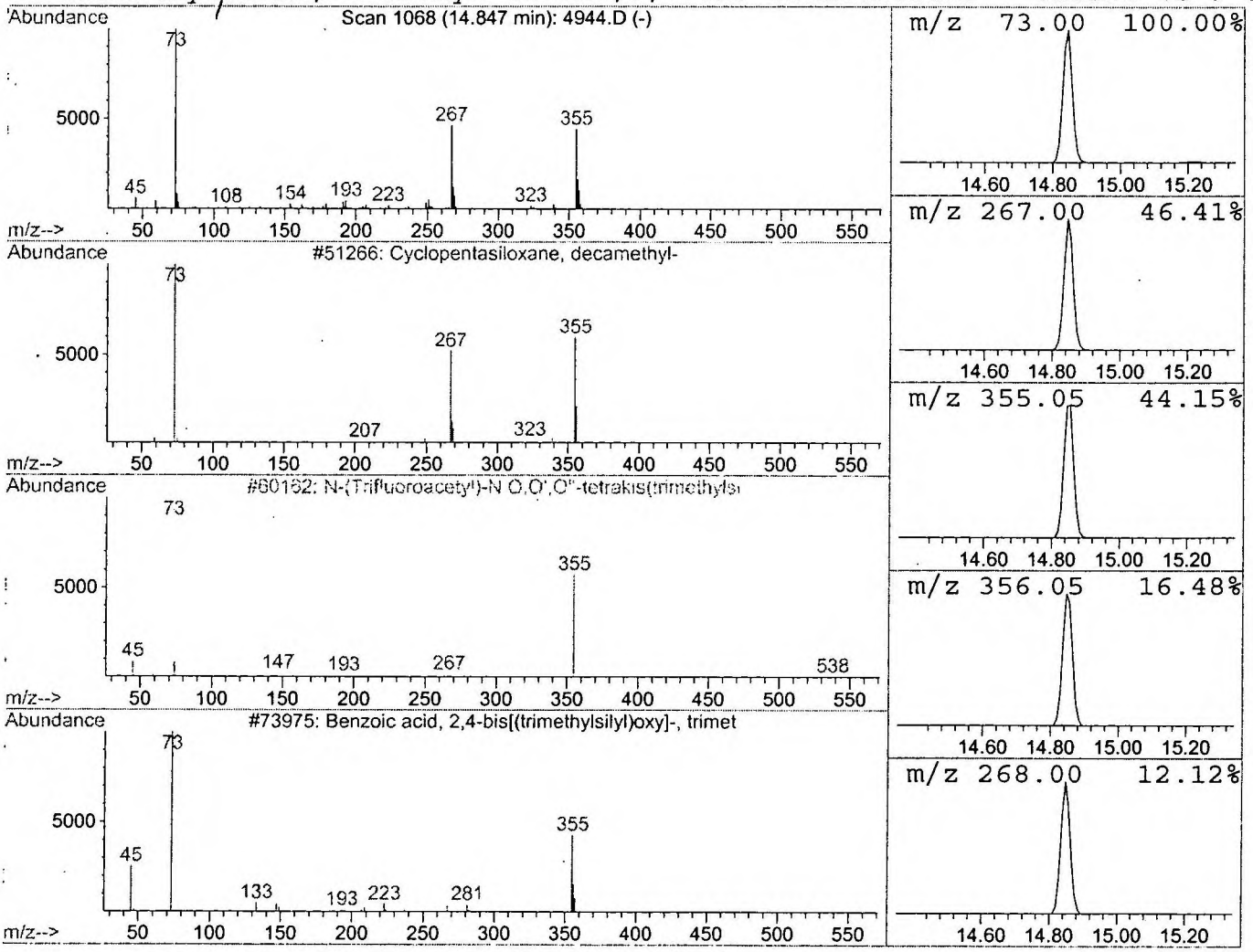
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.91 ug/l	306275	Naphthalene-d8	15.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 12:52 am
Data File: C:\HPCHEM\1\DATA\MAR3002\4944.D
Name: gc/ms scan 3/6
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~~,	14.85	1.9	ug/l	306275	ISTD02	15.88	3203120	20.0

4944.D GCMS0308.M Tue Apr 02 11:07:37 2002