User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:40:26

Sample: AE02567
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:38 Ended: 3/25/02 14:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2					

Comments for Sample AE02567 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:41:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 8 of the compounds in the LCS Standard are high while 1 was low. New control limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR1902\2567.D Vial: 22
Acq On : 21 Mar 2002 1:42 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:57 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 08 08:54:27 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	446752	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	1720013	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	928961	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1358516	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	818620	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	505818	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	83006	8.41	ug/mL	0.24
Spiked Amount 5.000			Recovery = 168.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.48	74	215	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	15.97	128	401	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	21.51	165	186	N.D.		
25) Diethylphthalate	0.00	149	0	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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Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 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	223	N.D.	
34) Anthracene	25.66	178	223	N.D.	
35) Di-n-butylphthalate	27.62	149	1527	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	33.72	228	2044	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	1375	N.D.	
43) Chrysene	33.72	228	2044	N.D.	
45) Di-n-Octylphthalate	35.65	149	224	N.D.	
46) Benzo(b)fluoranthene	36.77	252	193	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.98	252	2179	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

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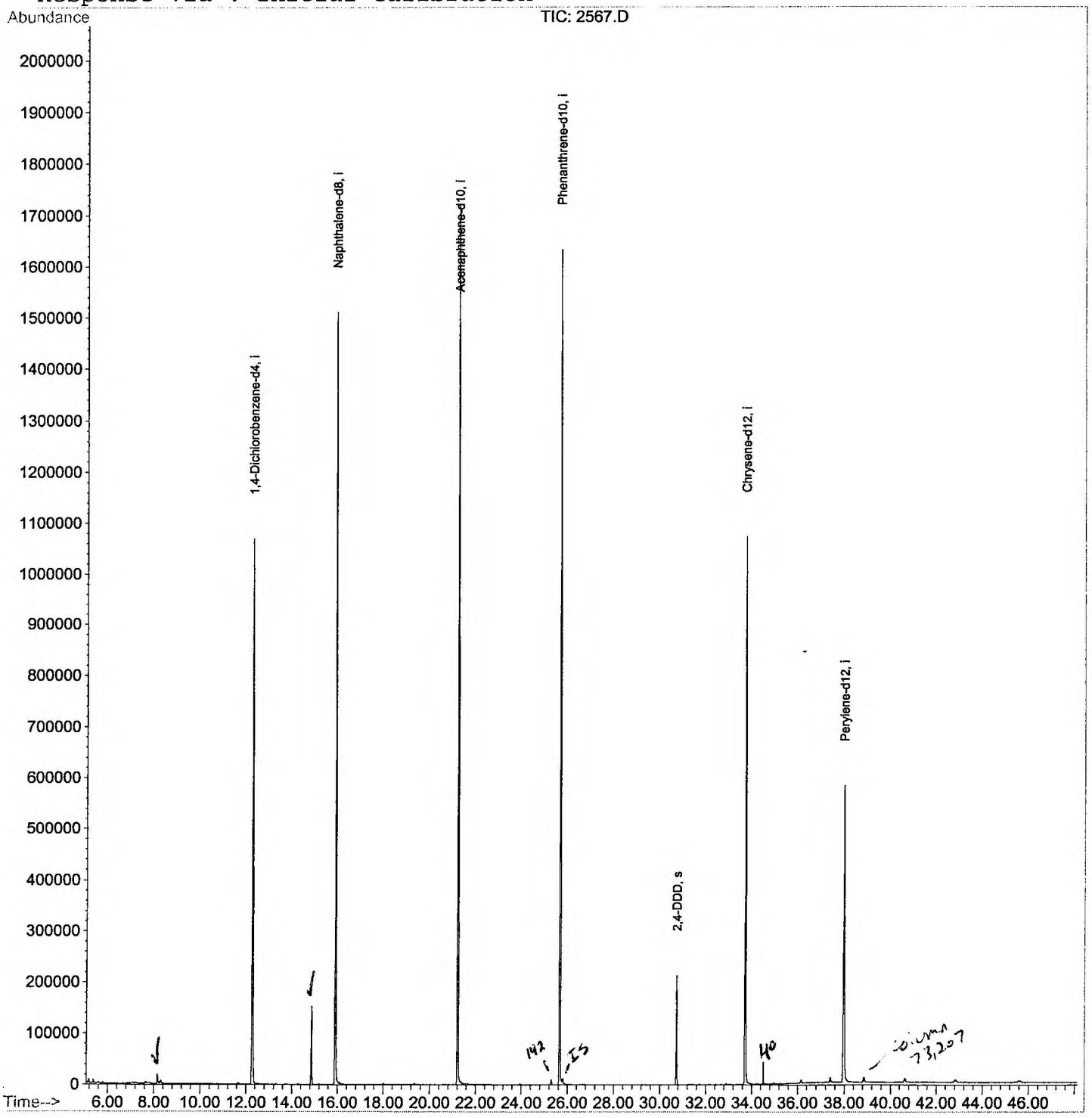
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 13:57 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2567.D Vial: 22
Acq On : 21 Mar 2002 1:42 am Operator:
Sample : gc/ms scan 3/4 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

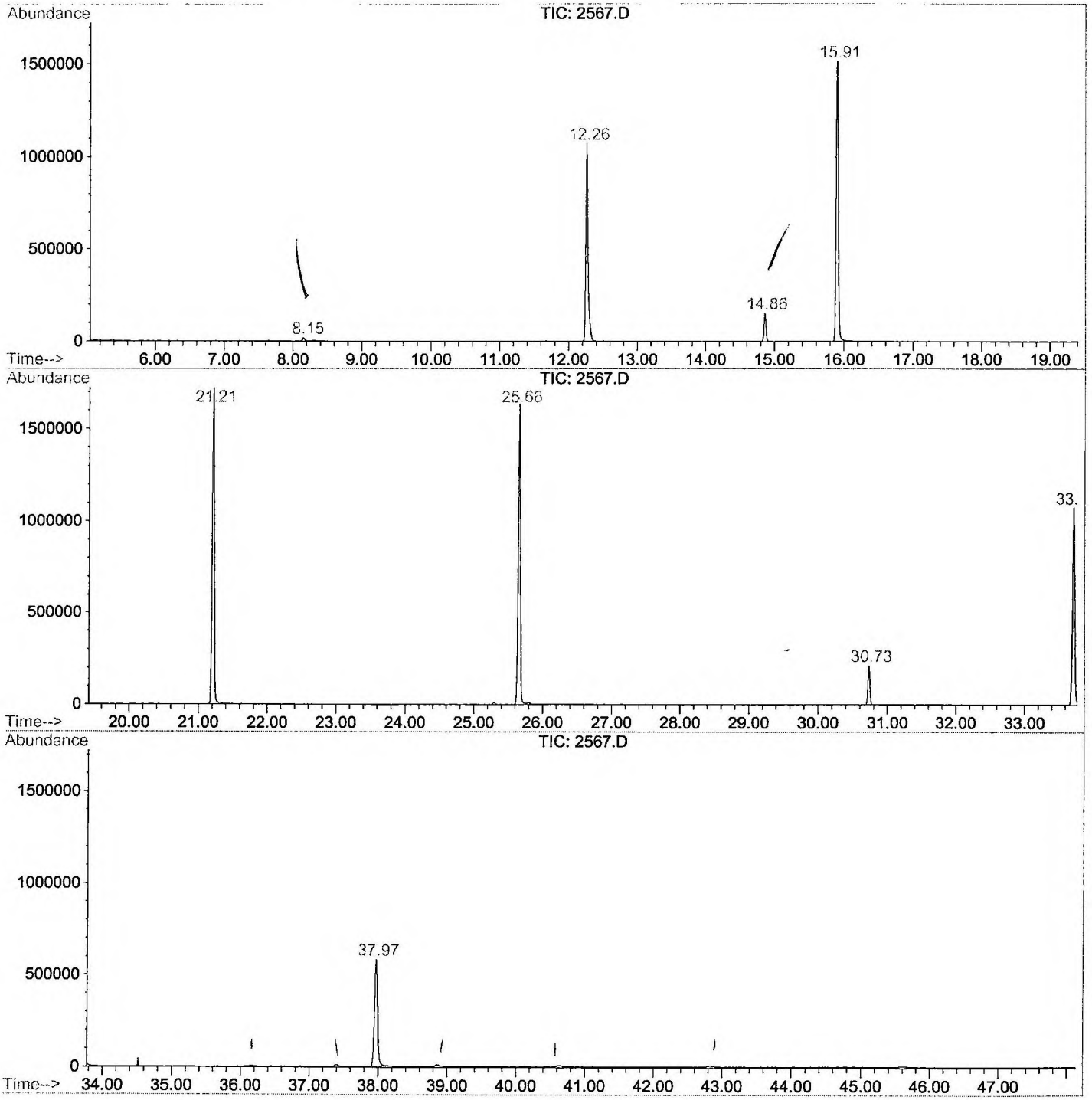
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.150	335	338	346	rBV	18347	41760	1.17%	0.237%
2	12.263	781	786	806	rBV	1068716	2445323	68.30%	13.874%
3	14.861	1064	1069	1076	rVB	152781	290523	8.11%	1.648%
4	15.908	1176	1183	1200	rBV	1510740	3245640	90.66%	18.415%
5	21.214	1754	1761	1783	rBV	1722555	3580110	100.00%	20.313%
6	25.657	2238	2245	2257	rBV2	1634241	3444789	96.22%	19.545%
7	30.734	2793	2798	2803	rBV	213301	414933	11.59%	2.354%
8	33.717	3116	3123	3140	rBV2	1073084	2414053	67.43%	13.697%
9	37.968	3578	3586	3602	rBV2	579256	1747872	48.82%	9.917%

Sum of corrected areas: 17625003

2567.D GCMS0308.M Thu Mar 21 14:19:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2567.D
Operator :
Acquired : 21 Mar 2002 1:42 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 22
Quant File :GCMS0308.RES (RTE Integrator)



2567.D GCMS0308.M Thu Mar 21 14:19:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2567.D Vial: 22
Acq On : 21 Mar 2002 1:42 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

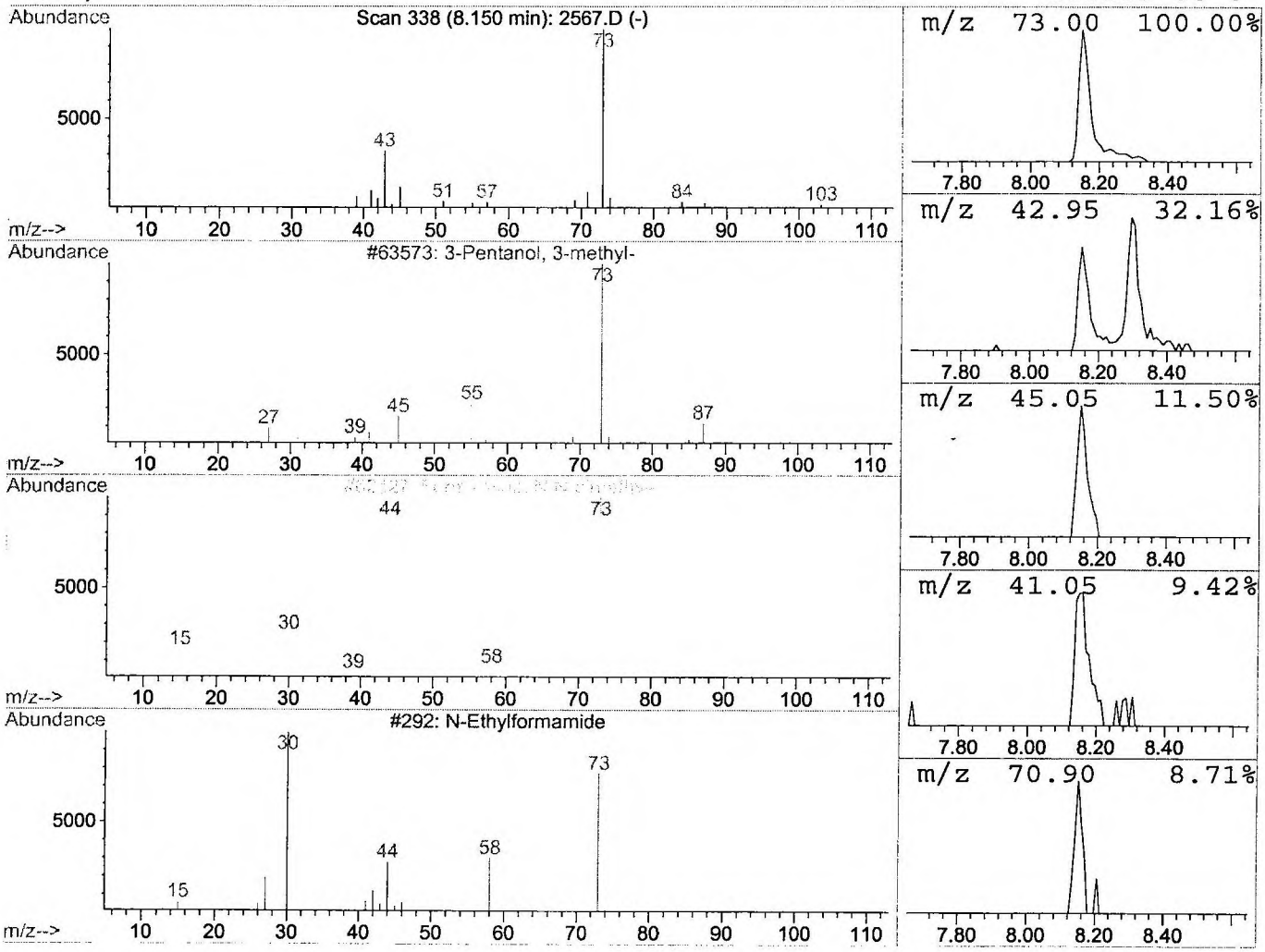
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.34 ug/l	41760	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2567.D Vial: 22
Acq On : 21 Mar 2002 1:42 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

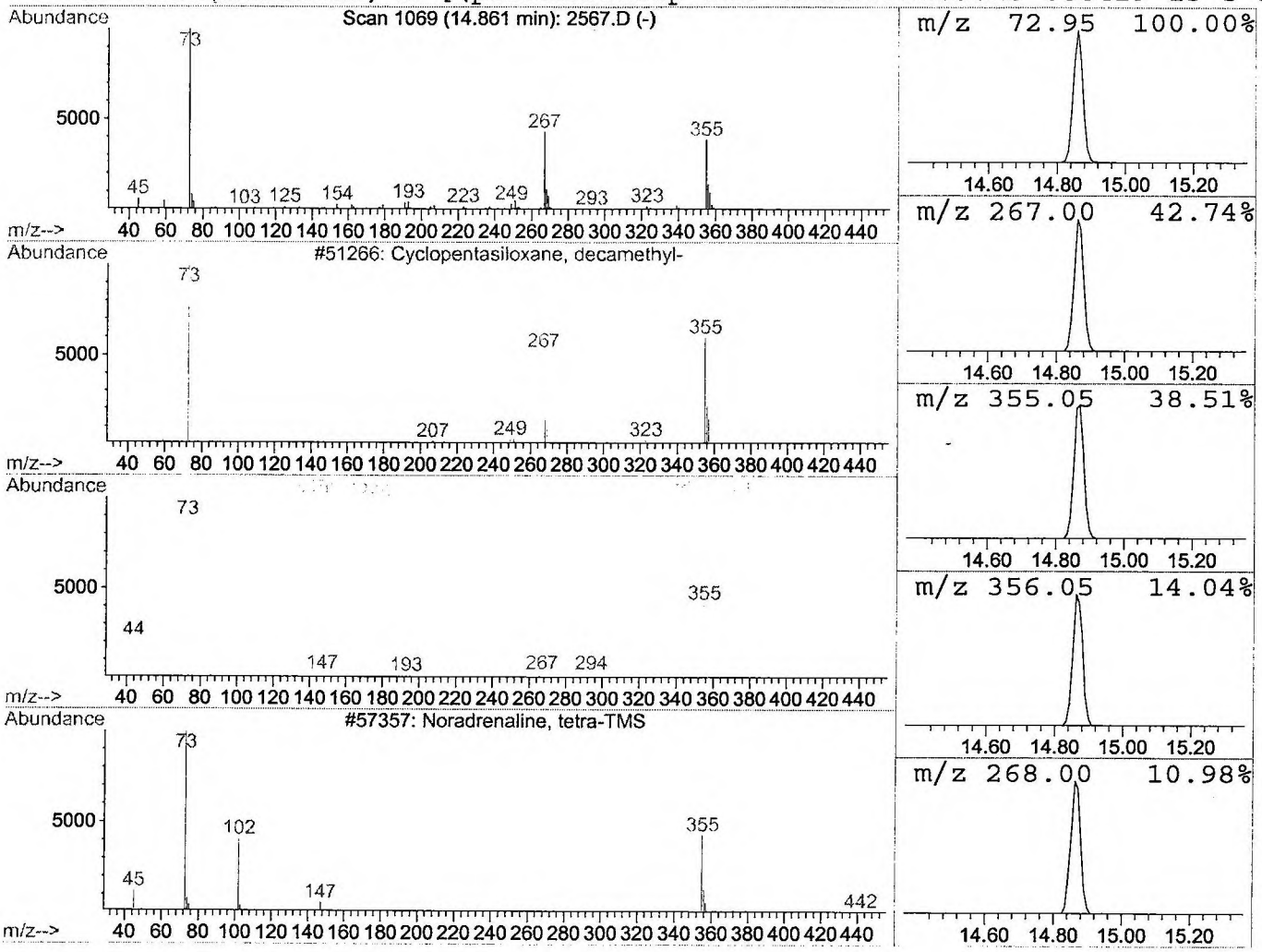
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.79 ug/l	290523	Naphthalene-d8	15.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	47
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 1:42 am
Data File: C:\HPCHEM\1\DATA\MAR1902\2567.D
Name: gc/ms scan 3/4
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
3-Pentanol, 3-methyl	8.15	0.3	ug/l	41760	ISTD01	12.26	2445320	20.0
Cyclopentasiloxane,	14.86	1.8	ug/l	290523	ISTD02	15.91	3245640	20.0

2567.D GCMS0308.M Thu Mar 21 14:20:06 2002