User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:46:25

Sample: AE02576
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:45 Ended: 3/25/02 14:45 Analyst: DLV
Page: 1

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

Comments for Sample AE02576 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:47:18

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\2576.D Vial: 25
Acq On : 21 Mar 2002 4:40 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 14:02 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	537073	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	2092347	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	1131280	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1690214	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	955944	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	538065	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	95629	7.78	ug/mL	0.24
Spiked Amount 5.000			Recovery = 155.60%			
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	216	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	21.69	165	178	N.D.		
25) Diethylphthalate	22.70	149	310	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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Misc : Multiplr: 1.00
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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

	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	25.67	178	394	N.D.	
34)	Anthracene	25.67	178	394	N.D.	
35)	Di-n-butylphthalate	27.62	149	2311	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	2079	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	3072	N.D.	
43)	Chrysene	33.72	228	2079	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.98	252	2181	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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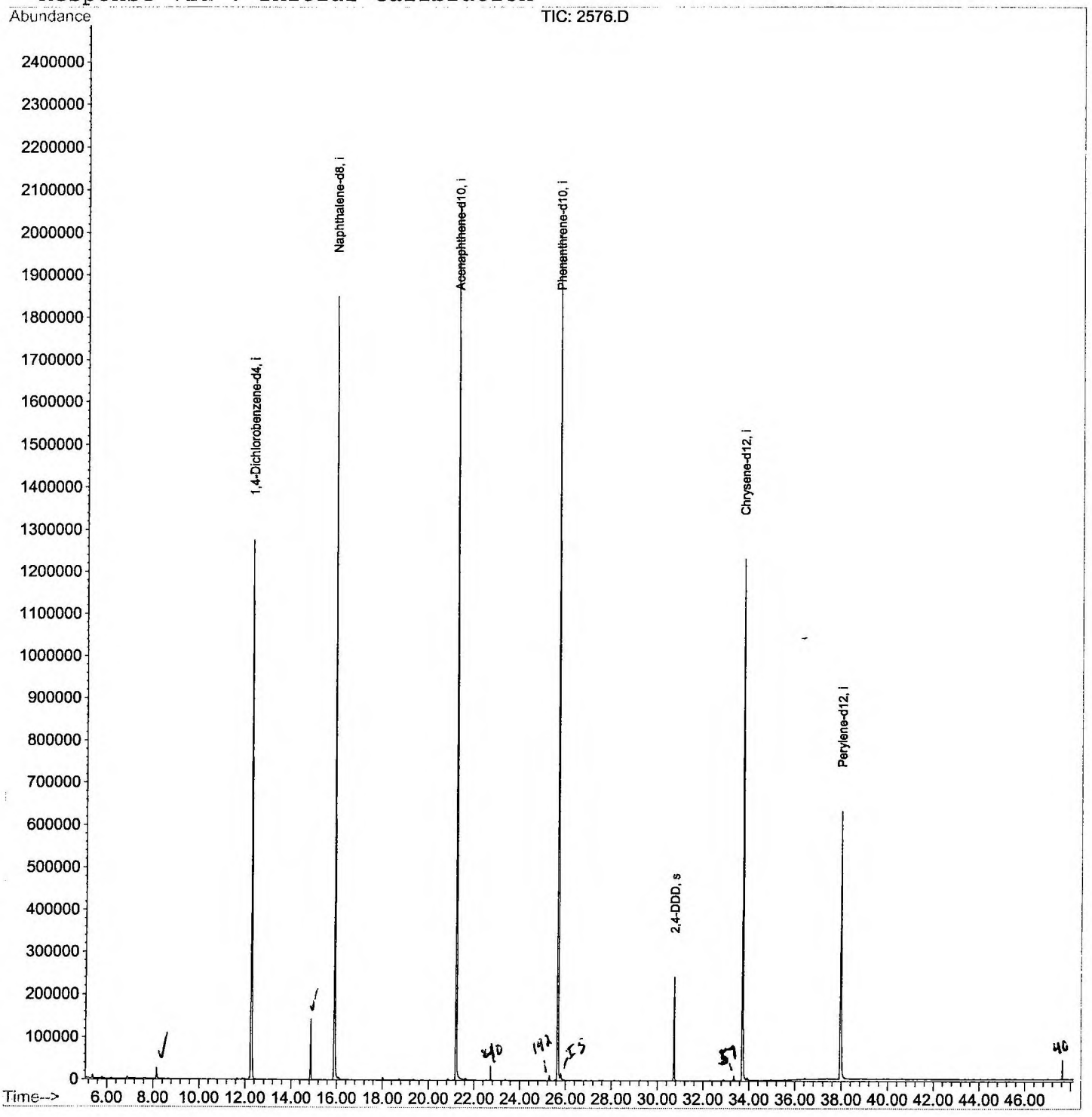
Acq On : 21 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:02 2002 Quant Results File: GCMS0308.RES

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\2576.D Vial: 25
Acq On : 21 Mar 2002 4:40 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

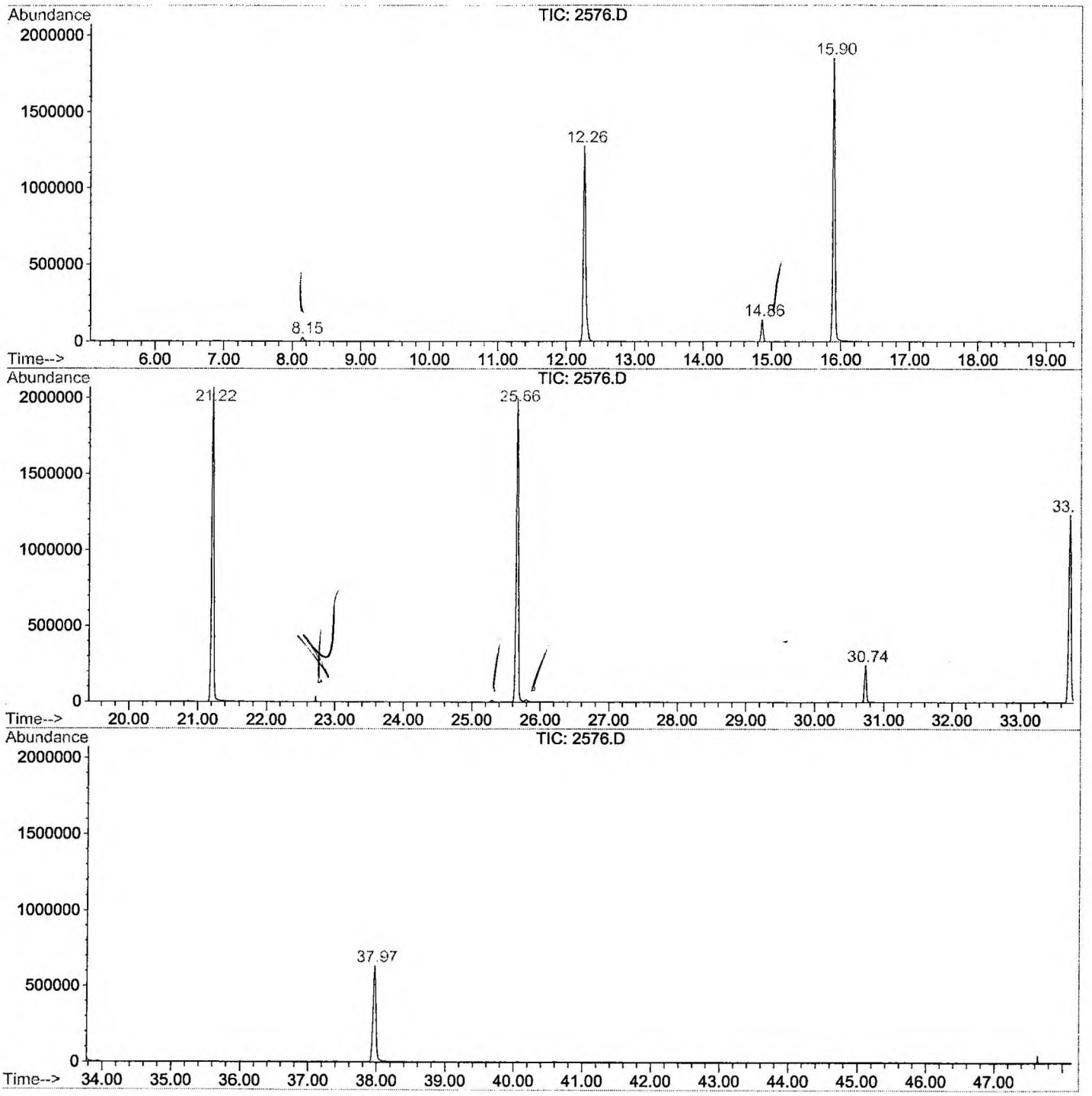
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.152	333	338	345	rBV	25726	56650	1.29%	0.269%
2	12.265	780	786	800	rVB	1274132	2943386	67.23%	13.996%
3	14.863	1063	1069	1081	rVB	142973	284148	6.49%	1.351%
4	15.900	1175	1182	1197	rBV	1849269	3965032	90.57%	18.854%
5	21.216	1753	1761	1781	rBV	2071249	4377982	100.00%	20.817%
6	25.659	2238	2245	2256	rBV2	1995606	4260124	97.31%	20.257%
7	30.736	2792	2798	2805	rVB	242553	484750	11.07%	2.305%
8	33.719	3116	3123	3137	rBV2	1230546	2793599	63.81%	13.283%
9	37.970	3578	3586	3605	rBV2	630622	1865045	42.60%	8.868%

Sum of corrected areas: 21030716

2576.D GCMS0308.M Thu Mar 21 14:24:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2576.D
Operator :
Acquired : 21 Mar 2002 4:40 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 25
Quant File :GCMS0308.RES (RTE Integrator)



2576.D GCMS0308.M Thu Mar 21 14:25:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2576.D Vial: 25
Acq On : 21 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

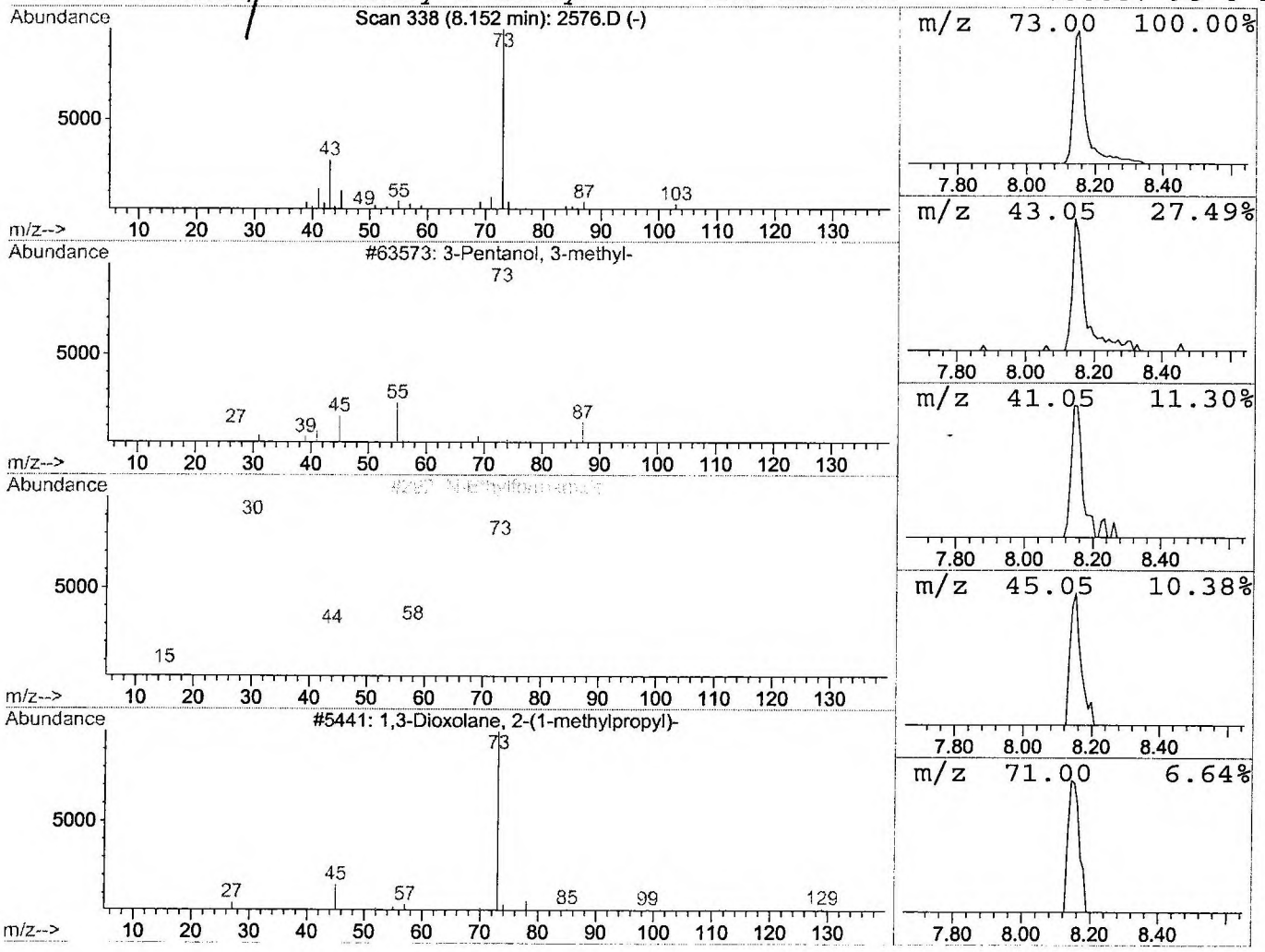
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.38 ug/l	56650	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	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2576.D Vial: 25
Acq On : 21 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

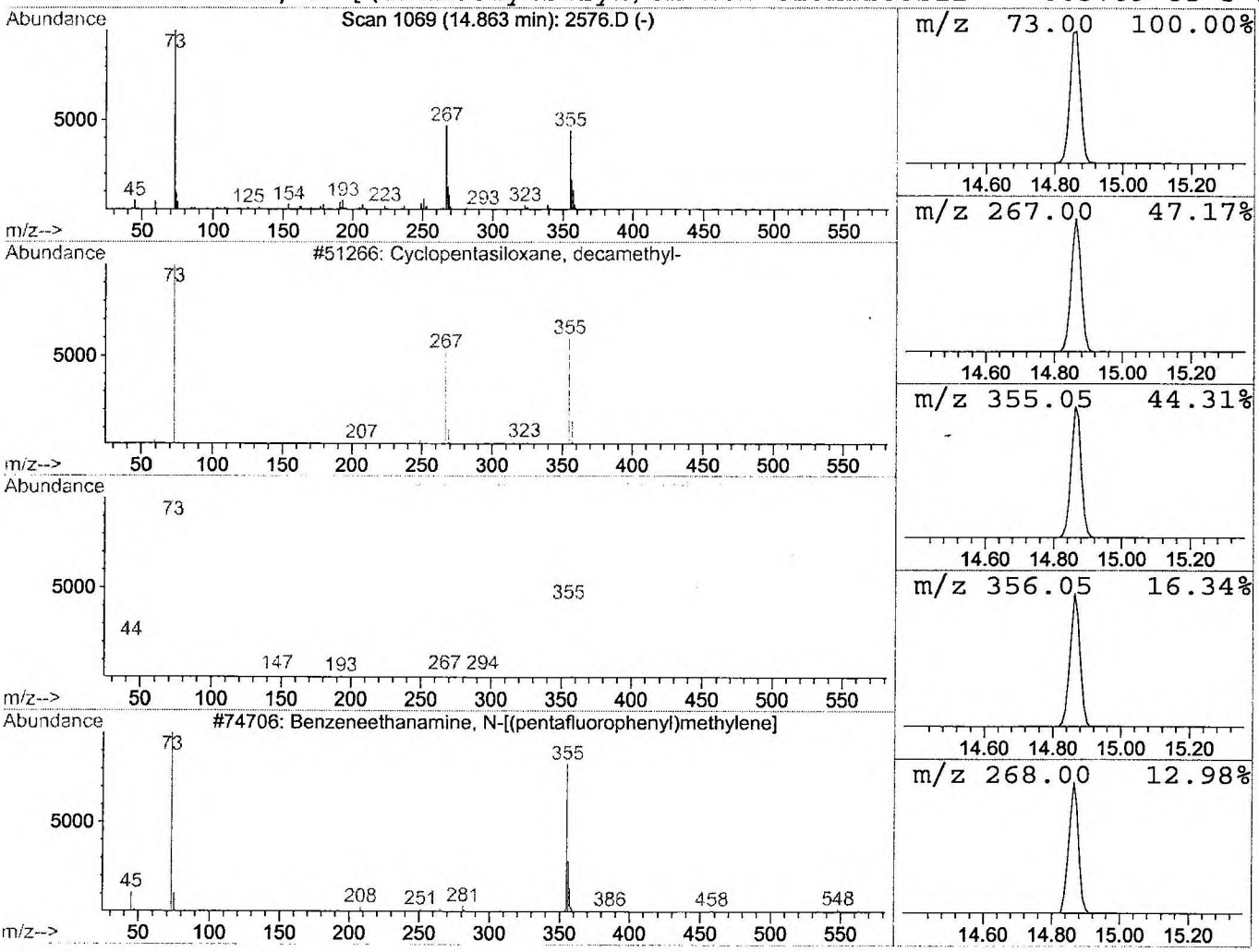
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.43 ug/l	284148	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	32
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 4:40 am
Data File: C:\HPCHEM\1\DATA\MAR1902\2576.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	0.4	ug/l	56650	ISTD01	12.26	2943390	20.0
Cyclopentasiloxane,	14.86	1.4	ug/l	284148	ISTD02	15.90	3965030	20.0

2576.D GCMS0308.M Thu Mar 21 14:25:18 2002