User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/25/2002 Time: 14:55:44

Sample: AE02579
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/25/02 14:54 Ended: 3/25/02 14:54 Analyst: DLV
Page: 1

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

Comments for Sample AE02579 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-25-2002 Time: 14:56:02

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\2579.D Vial: 28
Acq On : 21 Mar 2002 7:39 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 14:08 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	12.27	152	504639	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1964745	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.22	164	1070775	20.00	ug/l	-0.09
29) Phenanthrene-d10	25.66	188	1610568	20.00	ug/l	-0.10
38) Chrysene-d12	33.72	240	958859	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	538475	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	101005	8.63	ug/mL	0.23
Spiked Amount 5.000			Recovery = 172.60%			
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	0.00	128	0	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	1167	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	25.65	178	400	N.D.	
34)	Anthracene	25.65	178	400	N.D.	
35)	Di-n-butylphthalate	27.63	149	6199	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	334	N.D.	
41)	Benzo(a)anthracene	33.72	228	2217	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	6563	N.D.	
43)	Chrysene	33.72	228	2217	N.D.	
45)	Di-n-Octylphthalate	35.67	149	2226	N.D.	
46)	Benzo(b)fluoranthene	36.83	252	256	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	256	N.D.	
48)	Benzo(a)pyrene	37.97	252	1917	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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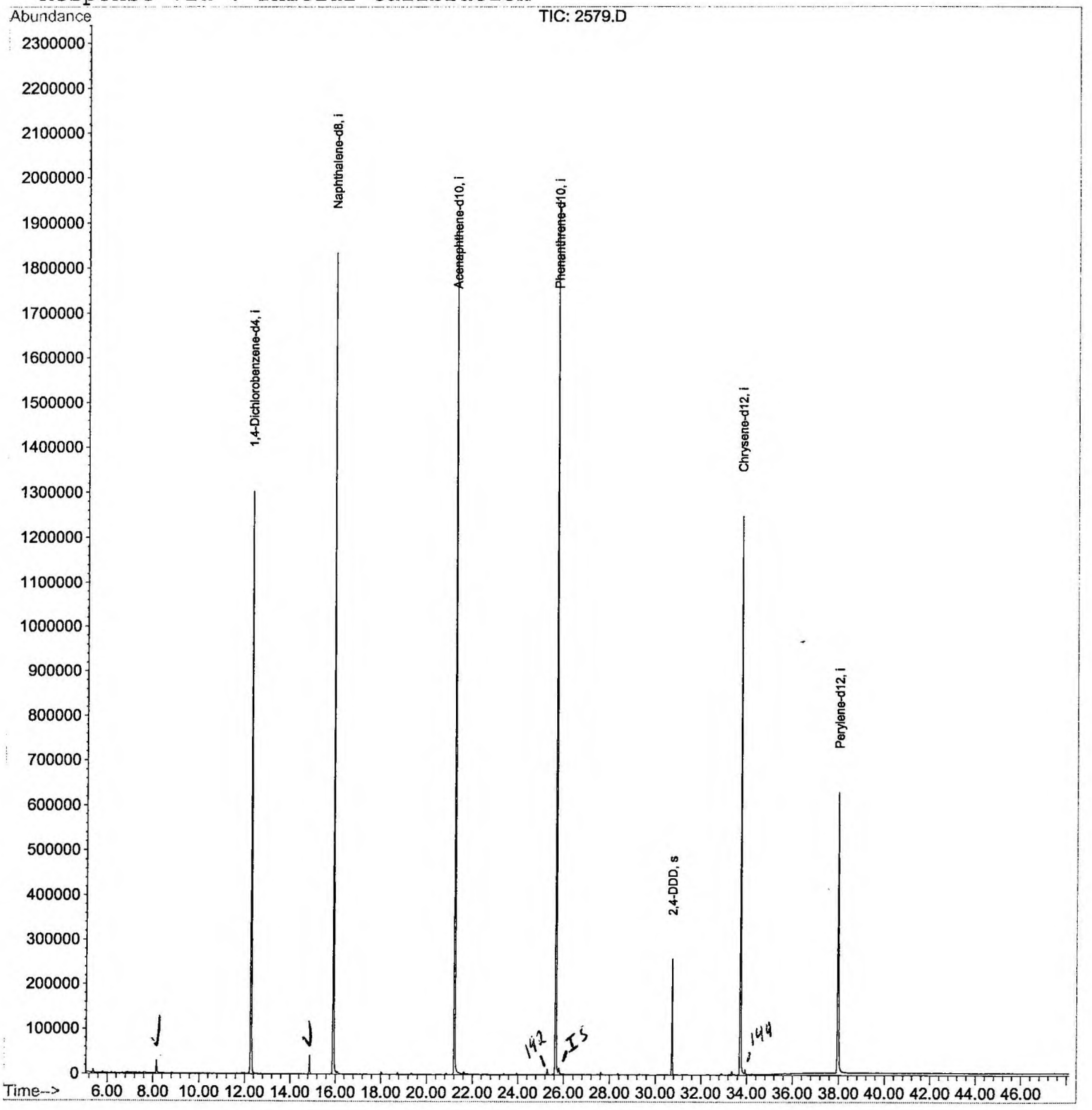
Acq On : 21 Mar 2002 7:39 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 21 14:08 2002 Quant Results File: GCMS0308.RES

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\2579.D Vial: 28
Acq On : 21 Mar 2002 7:39 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

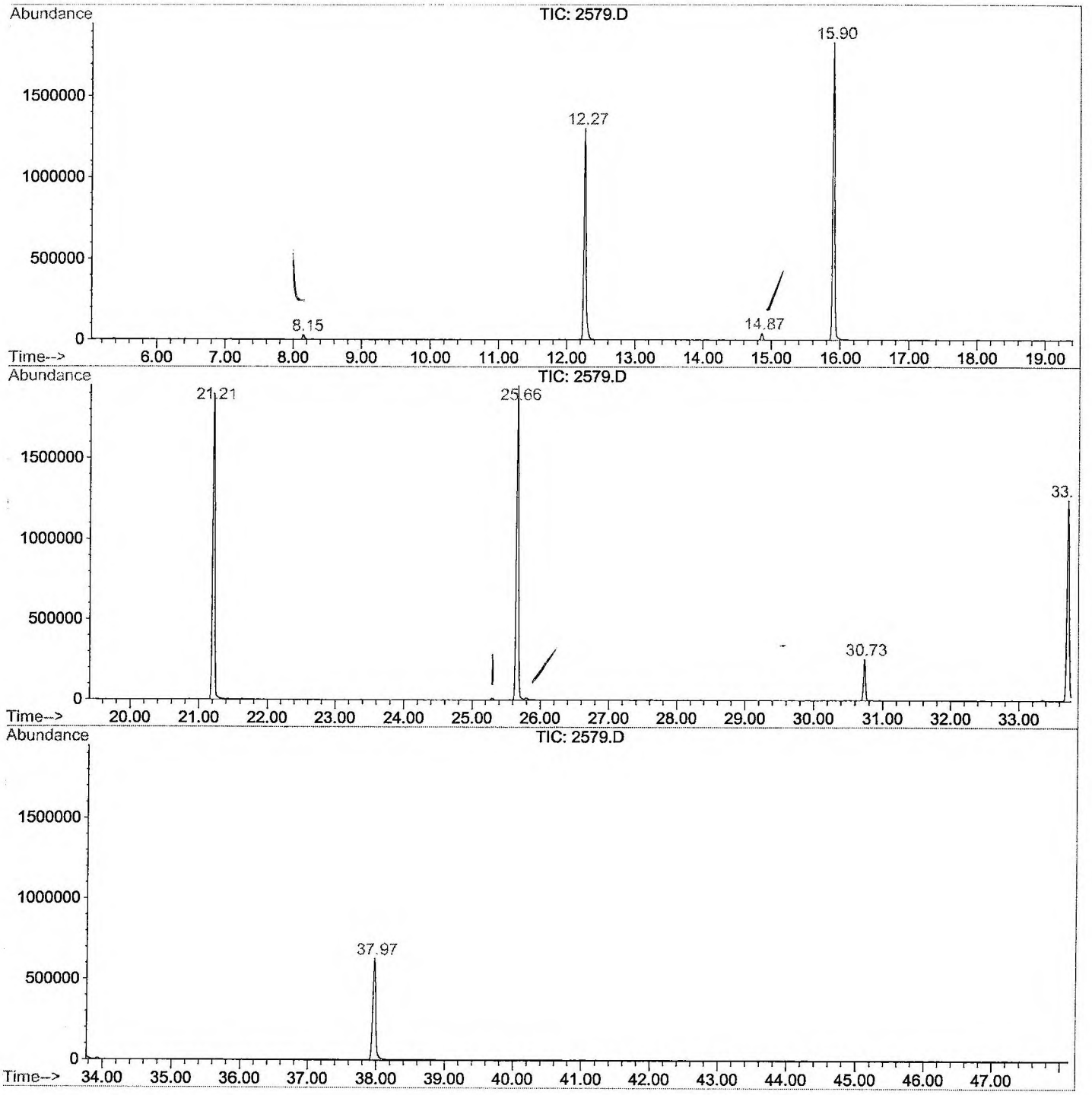
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.146	334	338	347	rBV	27983	58435	1.43%	0.293%
2	12.268	781	787	803	rVB	1301177	2773806	67.87%	13.902%
3	14.866	1062	1070	1075	rVB	41370	83423	2.04%	0.418%
4	15.903	1176	1183	1200	rBV	1833652	3708100	90.73%	18.585%
5	21.209	1755	1761	1772	rBV	1897613	4087162	100.00%	20.485%
6	25.662	2239	2246	2257	rBV	1949609	4036682	98.76%	20.232%
7	30.729	2793	2798	2804	rBV	257708	506419	12.39%	2.538%
8	33.722	3116	3124	3143	rBV2	1247288	2811565	68.79%	14.092%
9	37.973	3577	3587	3605	rBV2	625686	1886335	46.15%	9.454%

Sum of corrected areas: 19951927

2579.D GCMS0308.M Thu Mar 21 14:28:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR1902\2579.D
Operator :
Acquired : 21 Mar 2002 7:39 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 28
Quant File :GCMS0308.RES (RTE Integrator)



2579.D GCMS0308.M Thu Mar 21 14:28:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2579.D Vial: 28
Acq On : 21 Mar 2002 7:39 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

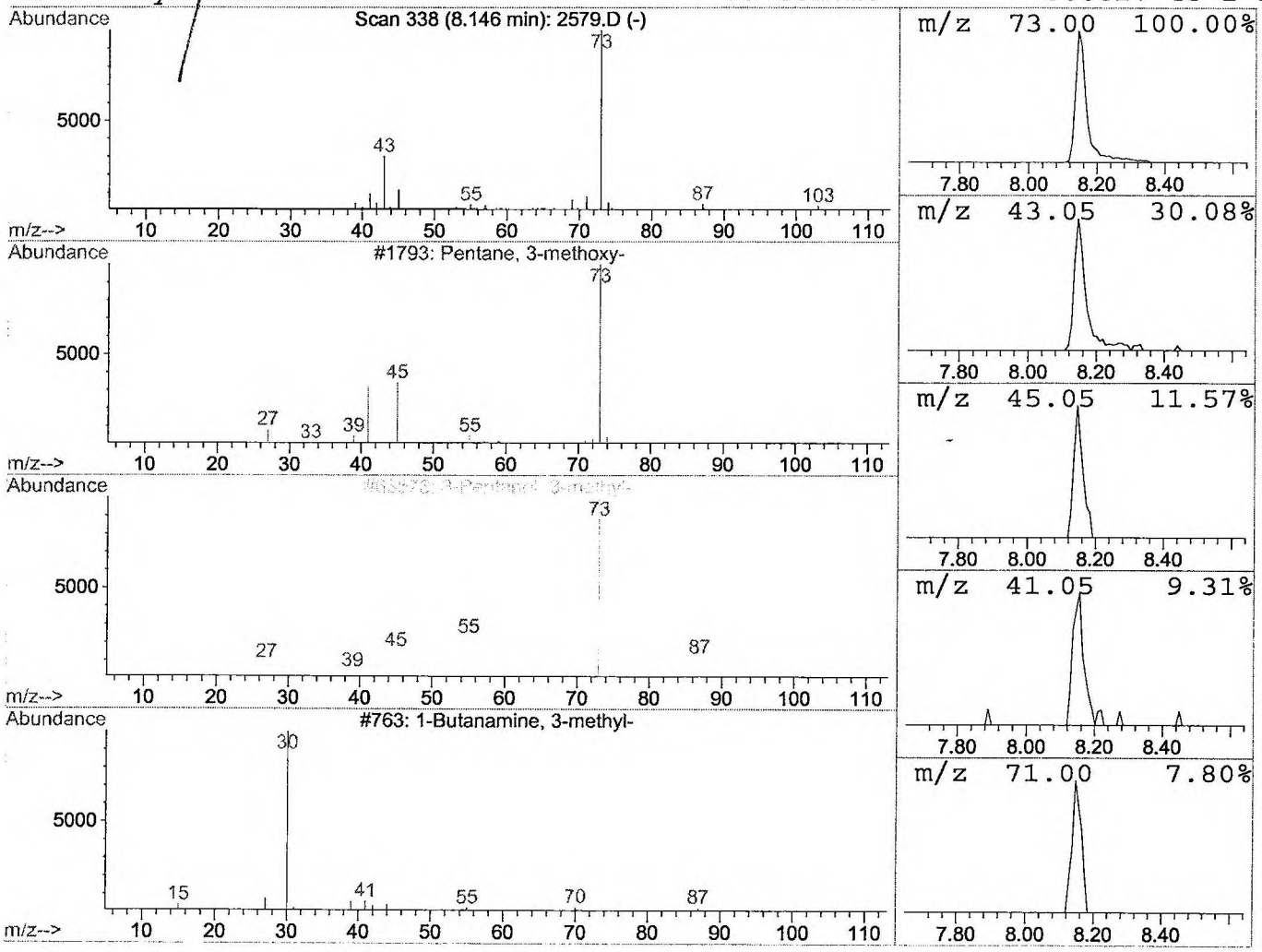
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.42 ug/l	58435	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR1902\2579.D Vial: 28
Acq On : 21 Mar 2002 7:39 am Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

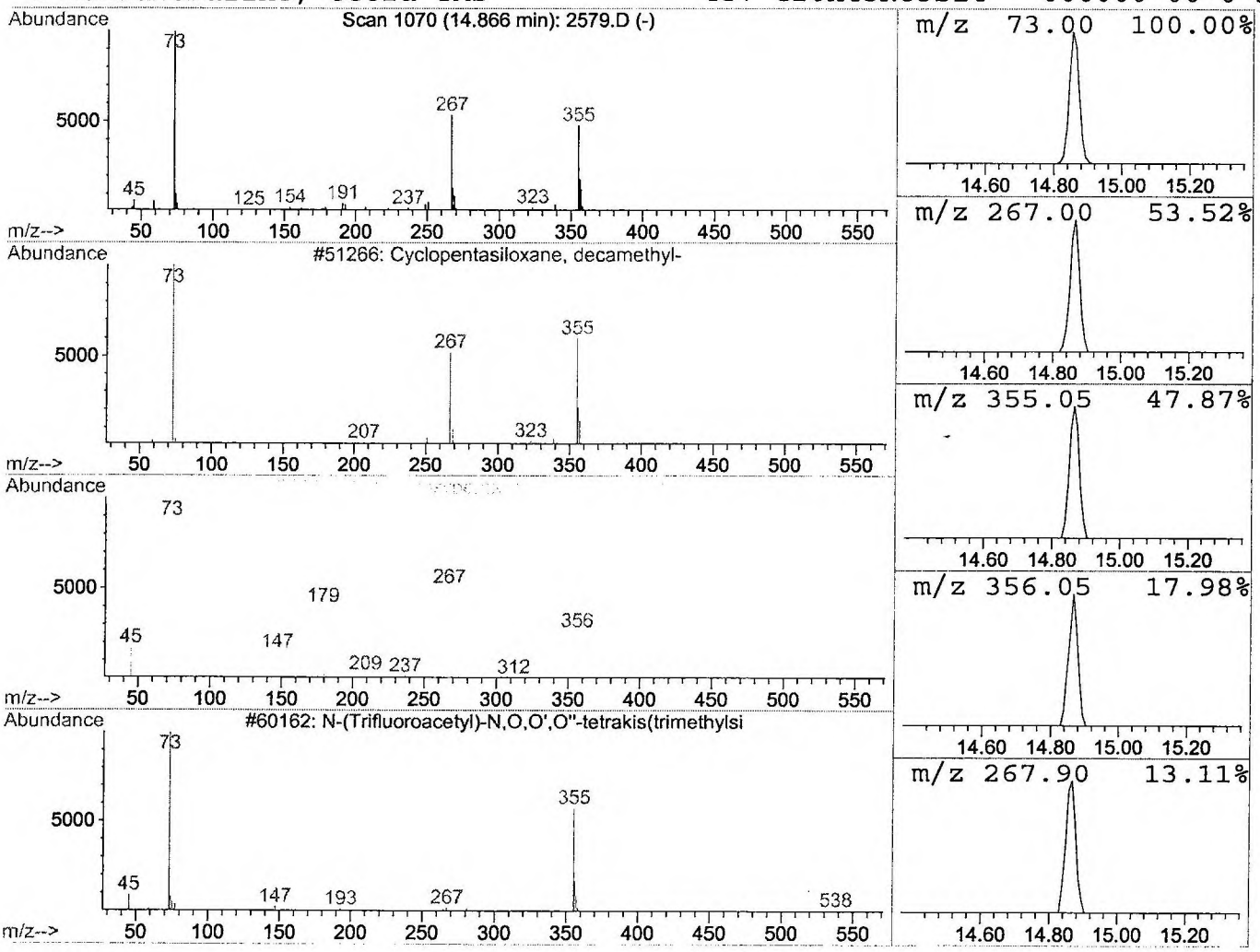
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	0.45 ug/l	83423	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	37
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 7:39 am
Data File: C:\HPCHEM\1\DATA\MAR1902\2579.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
Pentane, 3-methoxy-	8.15	0.4	ug/l	58435	ISTD01	12.27	2773810	20.0
Cyclopentasiloxane,	14.87	0.4	ug/l	83423	ISTD02	15.90	3708100	20.0

2579.D GCMS0308.M Thu Mar 21 14:28:57 2002