User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 16:47:55

Sample: AE01503
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 12:19 Ended: 3/6/02 12:19 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AE01503 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 16:47:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
However a series of hydrocarbons and phthalates are present, so this sample will be reextracted and analyzed to see if they are due to laboratory contamination.
Reanalysis reveals that this sample is clean.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\1503.D Vial: 22
Acq On : 27 Mar 2002 6:32 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:23 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	12.26	152	645571	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	2455879	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1329086	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1876976	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	941346	20.00	ug/l	-0.14
44) Perylene-d12	37.94	264	539034	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	120507	6.40	ug/mL	0.21
Spiked Amount 5.000			Recovery = 128.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.61	74	105	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	15.94	128	649	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	21.49	165	507	N.D.		
25) Diethylphthalate	22.67	149	183	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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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	25.63	178	601	N.D.	
34)	Anthracene	25.63	178	601	N.D.	
35)	Di-n-butylphthalate	27.60	149	1177	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	33.70	228	2058	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	665	N.D.	
43)	Chrysene	33.76	228	177	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	171	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	178	N.D.	
48)	Benzo(a)pyrene	37.94	252	2110	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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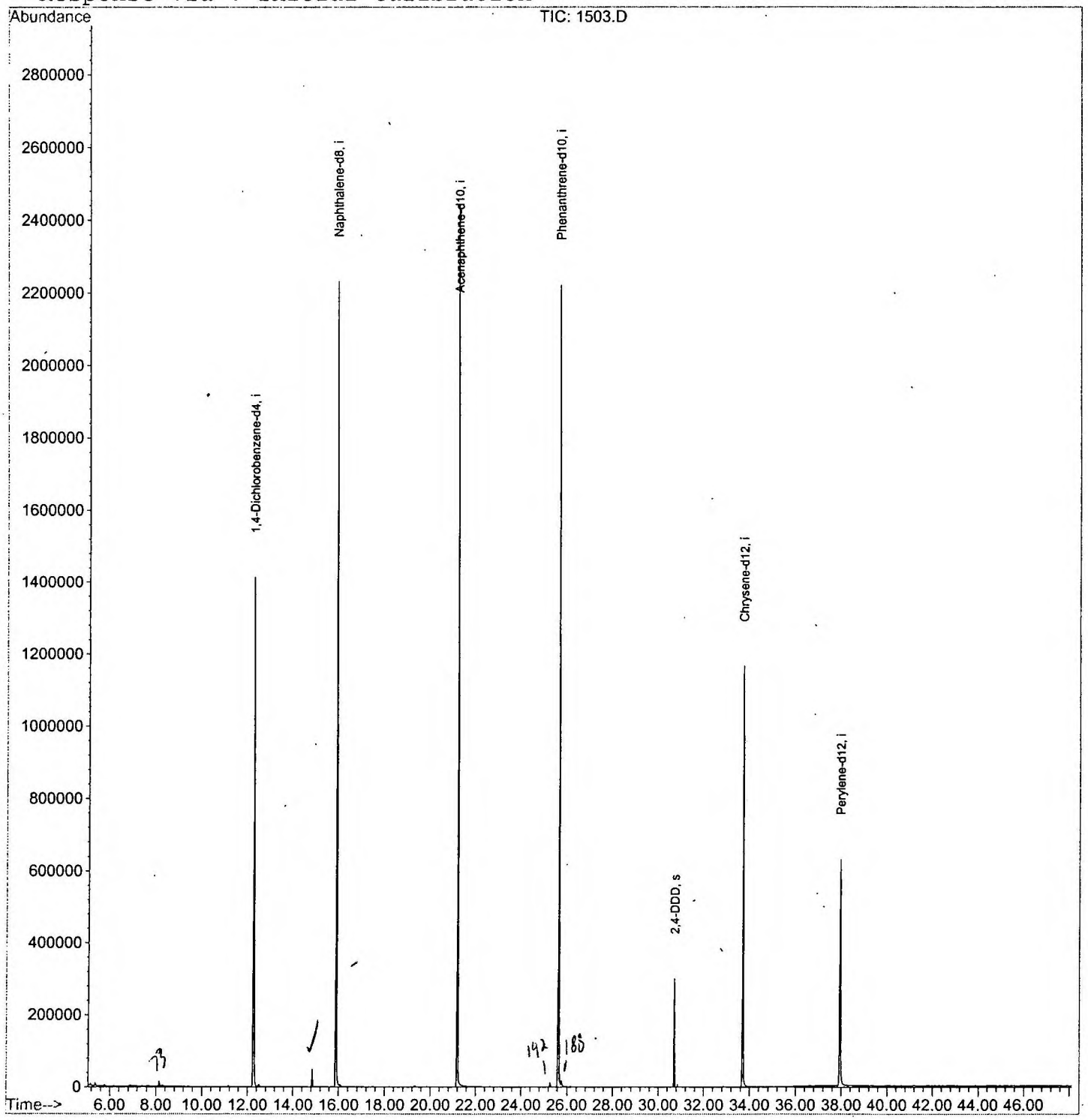
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 29 11:23 2002 Quant Results File: GCMS0308.RES

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\MAR2602\1503.D Vial: 22
Acq On : 27 Mar 2002 6:32 am Operator:
Sample : re-extract 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

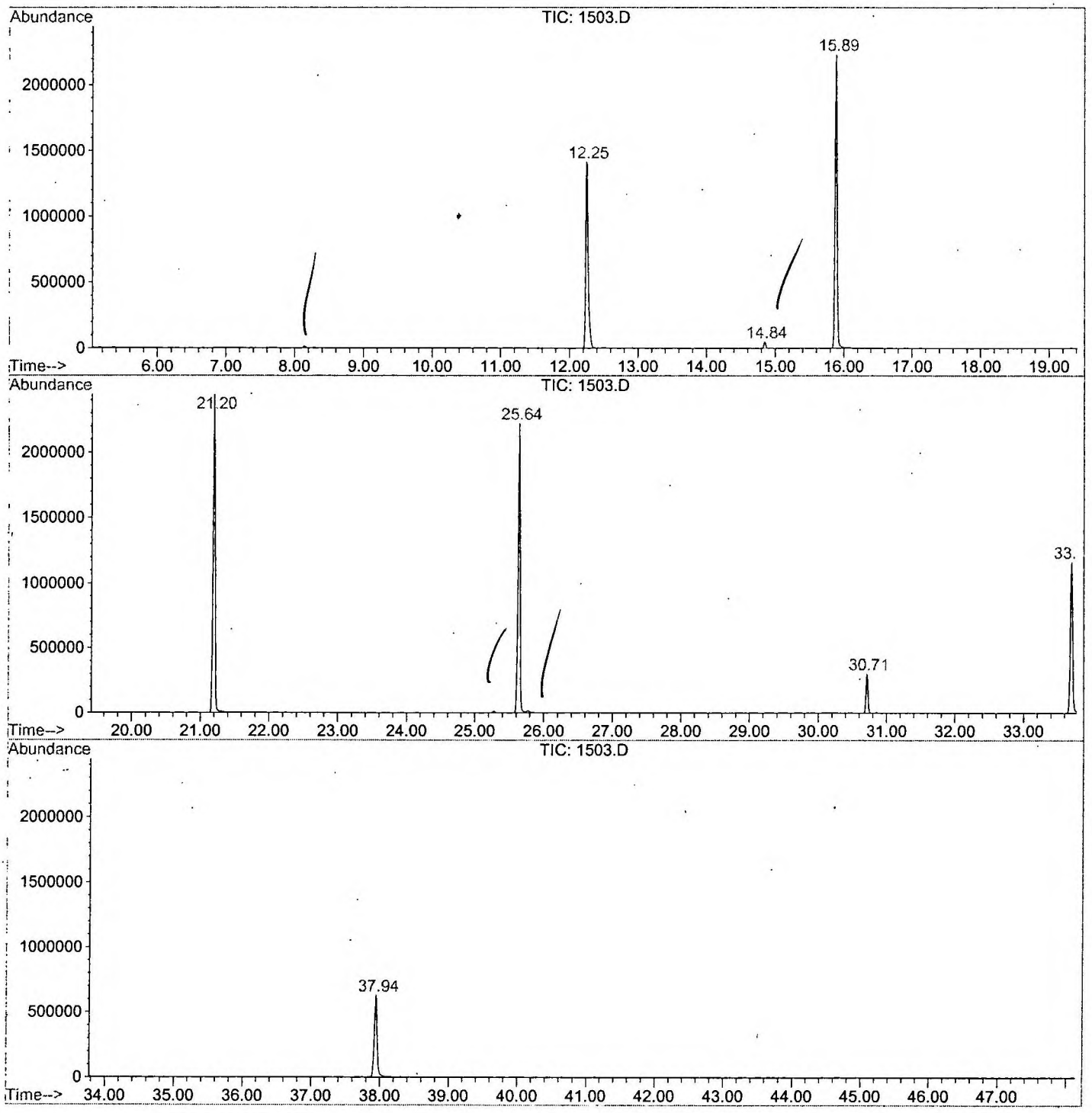
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.246	779	784	801	rBV	1412435	3473614	68.89%	15.086%
2	14.844	1063	1067	1072	rVB	49331	95450	1.89%	0.415%
3	15.891	1174	1181	1199	rBV	2230884	4618564	91.60%	20.059%
4	21.197	1752	1759	1770	rBV	2444254	5042356	100.00%	21.900%
5	25.640	2236	2243	2254	rBV2	2221624	4652581	92.27%	20.207%
6	30.708	2790	2795	2801	rBV	300589	589115	11.68%	2.559%
7	33.701	3114	3121	3135	rBV2	1166207	2718831	53.92%	11.808%
8	37.942	3573	3583	3598	rBV	627375	1834317	36.38%	7.967%

Sum of corrected areas: 23024828

1503.D GCMS0308.M Fri Mar 29 11:33:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\1503.D
Operator :
Acquired : 27 Mar 2002 6:32 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: re-extract
Misc Info :
Vial Number: 22
Quant File :GCMS0308.RES (RTE Integrator)



1503.D GCMS0308.M Fri Mar 29 11:33:33 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\1503.D Vial: 22
Acq On : 27 Mar 2002 6:32 am Operator:
Sample : re-extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

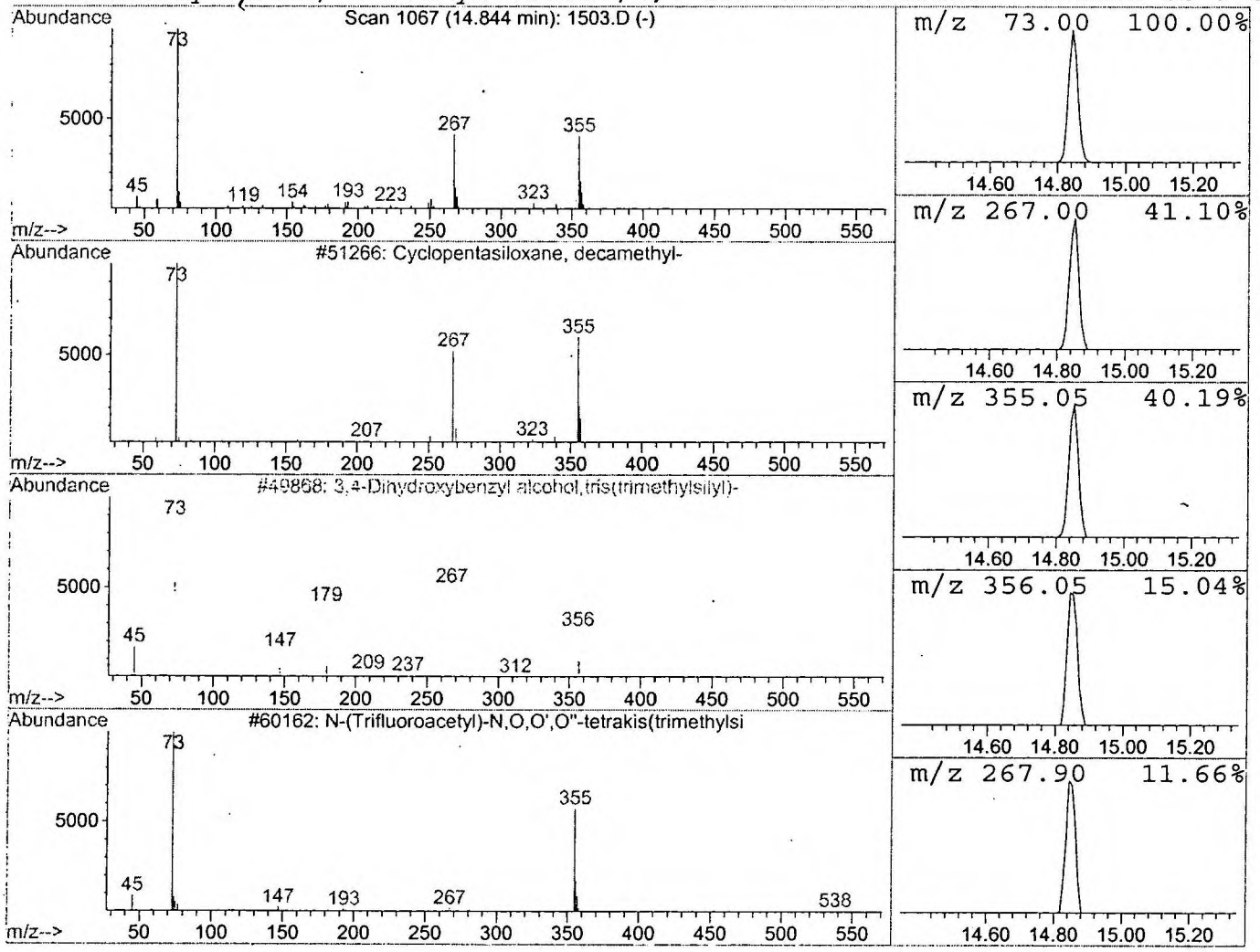
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	0.41 ug/l	95450	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 27 Mar 2002 6:32 am
Data File: C:\HPCHEM\1\DATA\MAR2602\1503.D
Name: re-extract
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~~,	14.84	0.4	ug/l	95450	ISTD02	15.89	4618560	20.0

1503.D GCMS0308.M Fri Mar 29 11:33:41 2002