User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 09:22:39

Sample: AE04031
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 09:22 Ended: 3/29/02 09:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AE04031 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 09:23:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance limits. New limits will be calculated.

Data File : C:\HPCHEM\1\DATA\MAR2202\4031.D Vial: 37
Acq On : 24 Mar 2002 5:36 am Operator:
Sample : gc/ms scan 2/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:18 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	440407	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1761048	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	966412	20.00	ug/l	-0.11
29) Phenanthrene-d10	25.66	188	1446140	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	933140	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	575823	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	88544	~~8.42~~ 5.4	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~168.40%~~ 108		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.48	74	201	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	285	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	22.70	149	159	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 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	405	N.D.	
34)	Anthracene	25.66	178	405	N.D.	
35)	Di-n-butylphthalate	27.62	149	136020	1.73 ug/l #	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	386	N.D.	
41)	Benzo(a)anthracene	33.79	228	1689	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	57238	1.53 ug/l #	91
43)	Chrysene	33.79	228	1806	N.D.	
45)	Di-n-Octylphthalate	35.67	149	972	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	986	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	1314	N.D.	
48)	Benzo(a)pyrene	37.96	252	2004	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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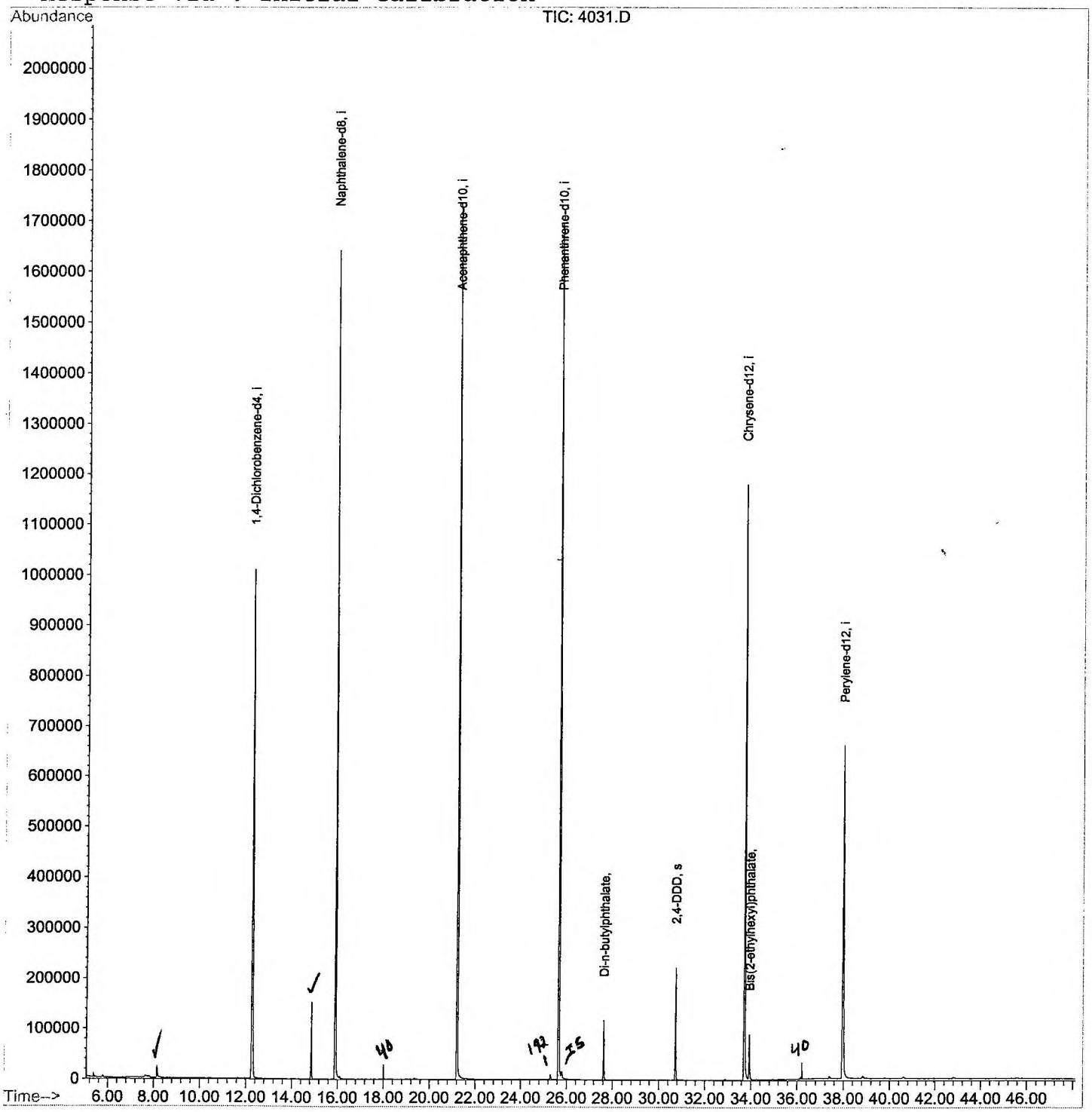
Acq On : 24 Mar 2002 5:36 am Operator:
Sample : gc/ms scan 2/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:18 2002 Quant Results File: GCMS0308.RES

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



Data File : C:\HPCHEM\1\DATA\MAR2202\4031.D Vial: 37
Acq On : 24 Mar 2002 5:36 am Operator:
Sample : gc/ms scan 2/25 fb 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

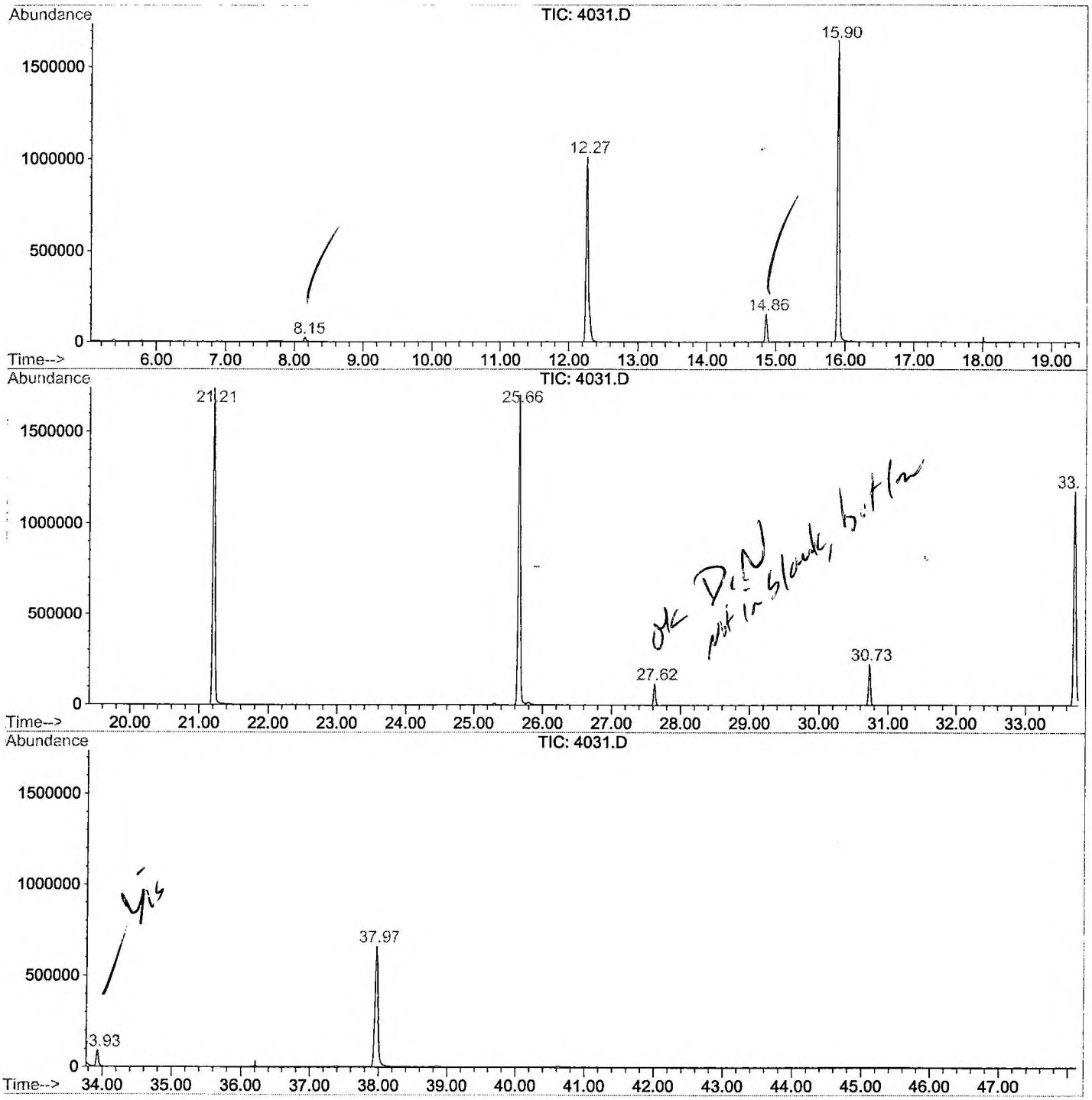
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.154	335	339	346	rBV	22788	51013	1.37%	0.268%
2	12.266	781	787	804	rVB	1009485	2416464	65.01%	12.717%
3	14.864	1064	1070	1077	rVB	152746	290601	7.82%	1.529%
4	15.902	1177	1183	1201	rBV	1641045	3318196	89.27%	17.462%
5	21.208	1755	1761	1773	rBV	1736139	3716900	100.00%	19.561%
6	25.660	2239	2246	2256	rBV	1696158	3672816	98.81%	19.329%
7	27.625	2454	2460	2470	rBV	117822	222220	5.98%	1.169%
8	30.728	2793	2798	2805	rBV	222941	431816	11.62%	2.272%
9	33.721	3115	3124	3139	rBV2	1180030	2711558	72.95%	14.270%
10	33.932	3142	3147	3161	rVB	89477	198969	5.35%	1.047%
11	37.971	3578	3587	3608	rBV2	658785	1971464	53.04%	10.375%

Sum of corrected areas: 19002017

4031.D GCMS0308.M Tue Mar 26 10:44:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4031.D
Operator :
Acquired : 24 Mar 2002 5:36 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25 fb
Misc Info :
Vial Number: 37
Quant File :GCMS0308.RES (RTE Integrator)



4031.D GCMS0308.M Tue Mar 26 10:44:32 2002

Data File : C:\HPCHEM\1\DATA\MAR2202\4031.D Vial: 37
Acq On : 24 Mar 2002 5:36 am Operator:
Sample : gc/ms scan 2/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

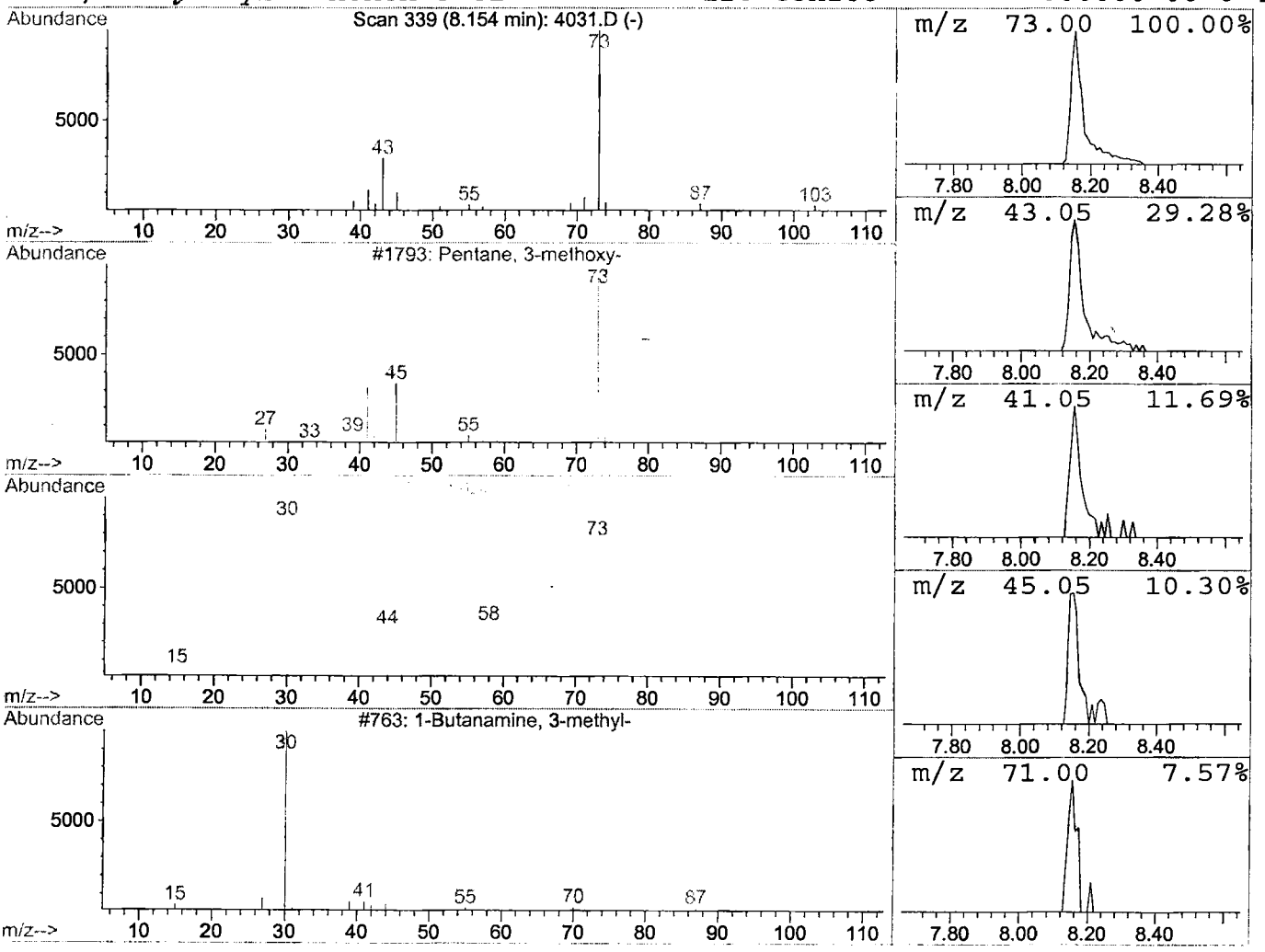
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	0.42 ug/l	51013	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	5
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
4	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	4



Data File : C:\HPCHEM\1\DATA\MAR2202\4031.D Vial: 37
Acq On : 24 Mar 2002 5:36 am Operator:
Sample : gc/ms scan 2/25 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

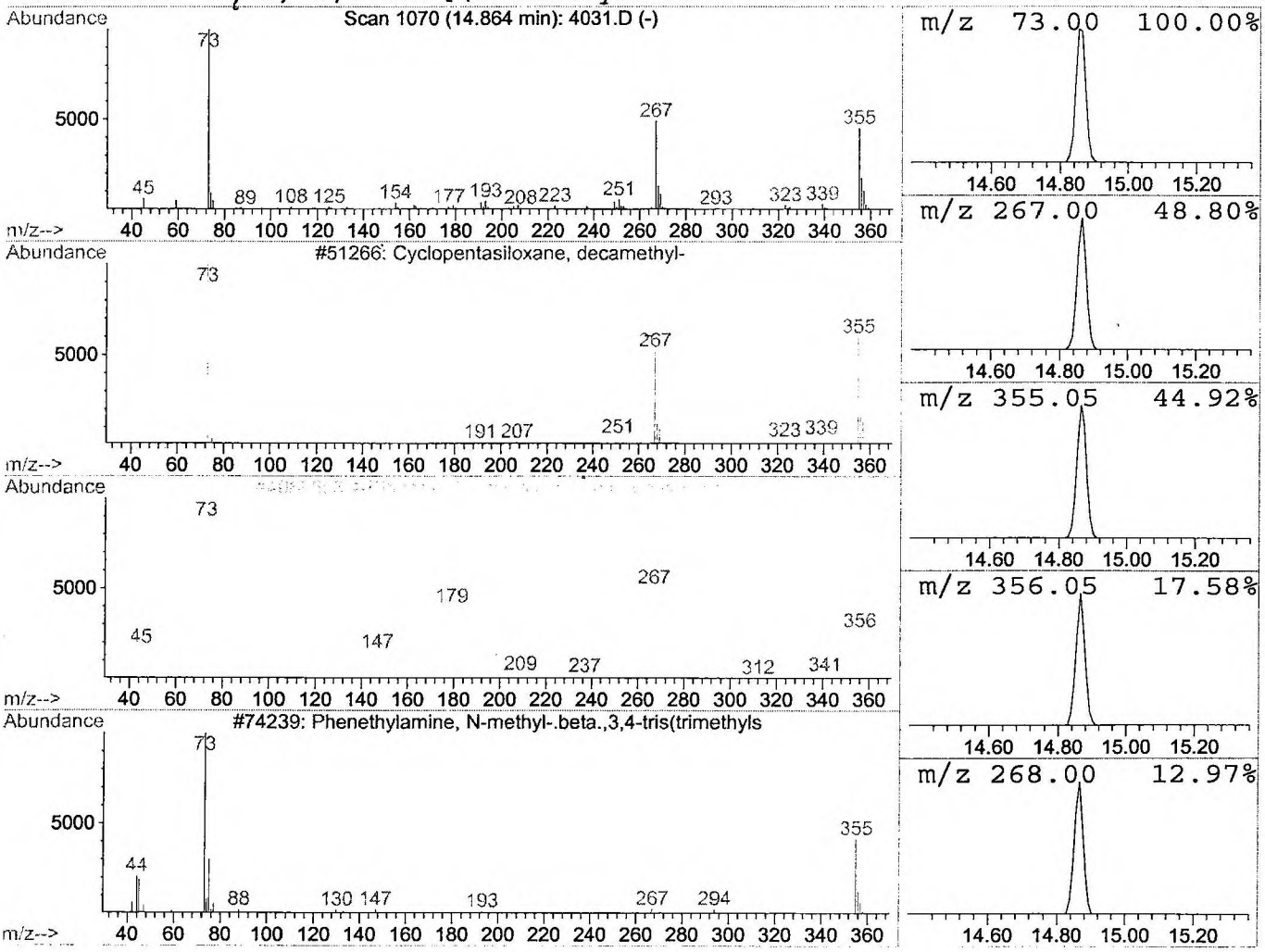
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	1.75 ug/l	290601	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	43
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 5:36 am
Data File: C:\HPCHEM\1\DATA\MAR2202\4031.D
Name: gc/ms scan 2/25 fb
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	51013	ISTD01	12.27	2416460	20.0
Cyclopentasiloxane,	14.86	1.8	ug/l	290601	ISTD02	15.90	3318200	20.0

4031.D GCMS0308.M Tue Mar 26 10:44:44 2002