User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 09:19:41

Sample: AE04029
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 09:19 Ended: 3/29/02 09:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE04029 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 09:20:10

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.

Quantitation Report (QA Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:07 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	377483	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1531490	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	853161	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1276459	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	851253	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	523680	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	74817	~~8.06~~ 4.56	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~161.20%~~ 91%		
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	15.95	128	204	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	20.55	163	180	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	1502	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

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:07 2002 Quant Results File: GCMS0308.RES

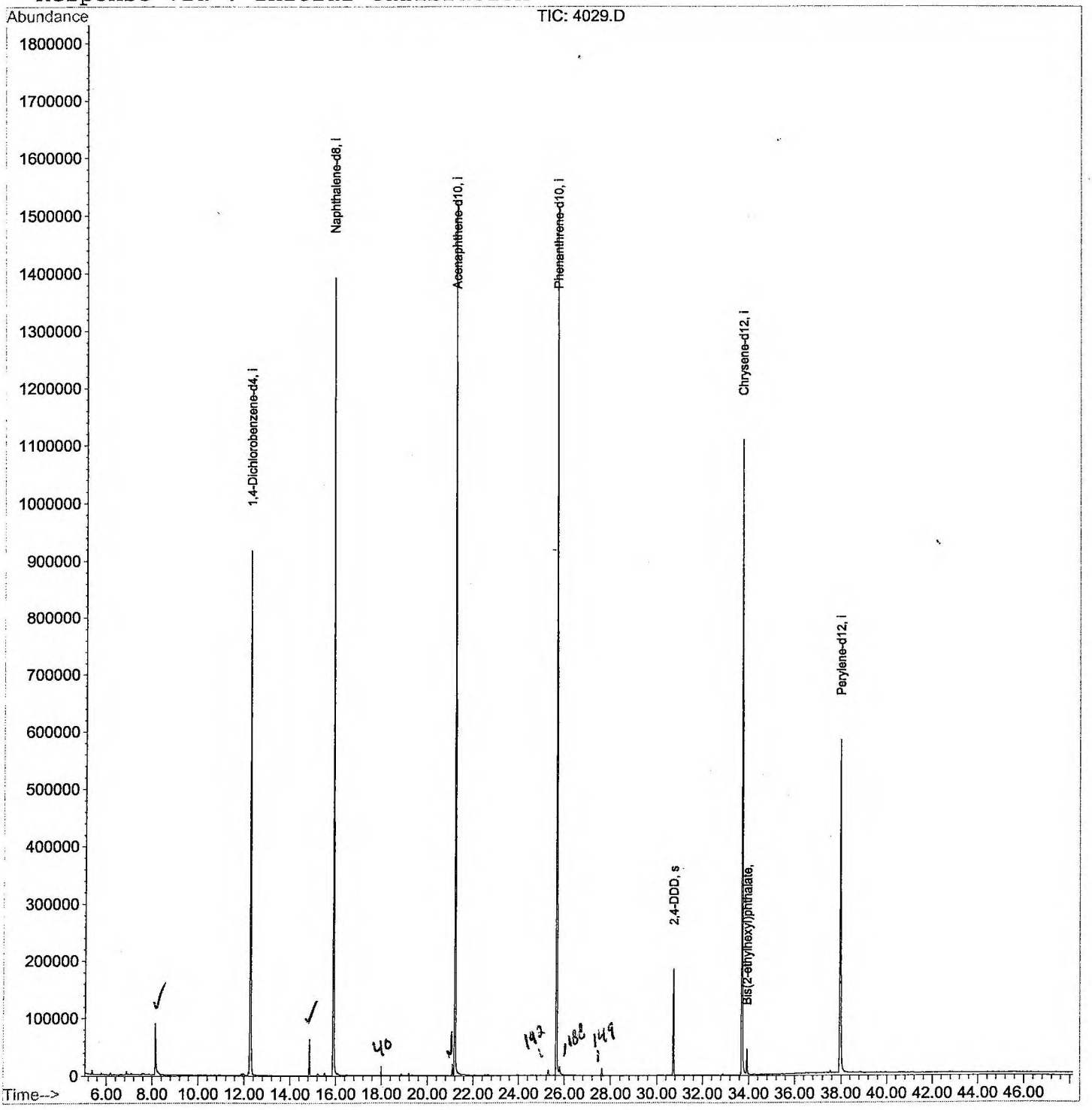
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

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	25.71	178	113	N.D.	
34) Anthracene	25.66	178	329	N.D.	
35) Di-n-butylphthalate	27.62	149	13928	N.D.	
36) Fluoranthene	29.35	202	382	N.D.	
39) Pyrene	30.02	202	390	N.D.	
40) Butylbenzylphthalate	32.15	149	667	N.D.	
41) Benzo(a)anthracene	33.72	228	2054	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	28057	0.82 ug/l	100
43) Chrysene	33.78	228	533	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.79	252	518	N.D.	
47) Benzo(k)fluoranthene	36.84	252	482	N.D.	
48) Benzo(a)pyrene	37.77	252	116	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

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 10:07 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\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 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

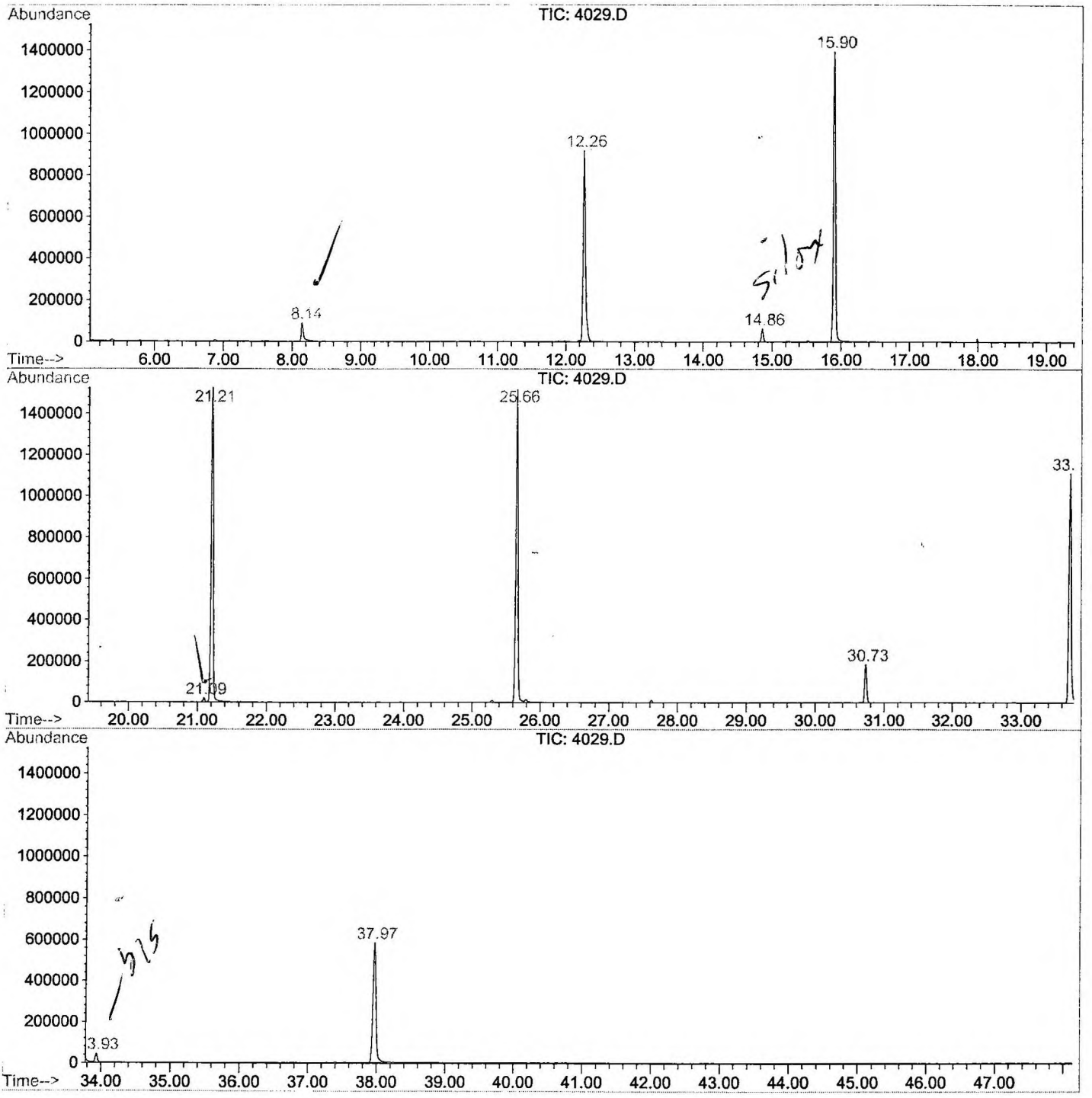
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.142	333	337	348	rBV	89212	205079	6.32%	1.240%
2	12.263	781	786	798	rVB	915890	2060241	63.45%	12.458%
3	14.862	1064	1069	1078	rVB	63079	117659	3.62%	0.711%
4	15.899	1176	1182	1200	rBV	1392746	2897669	89.23%	17.522%
5	21.095	1744	1748	1754	rBV	19828	37074	1.14%	0.224%
6	21.214	1754	1761	1779	rBV	1525435	3247256	100.00%	19.636%
7	25.658	2238	2245	2257	rBV	1514656	3198763	98.51%	19.343%
8	30.734	2792	2798	2807	rVB	185819	377083	11.61%	2.280%
9	33.718	3116	3123	3142	rBV2	1109509	2494165	76.81%	15.082%
10	33.929	3142	3146	3154	rVB	43203	92317	2.84%	0.558%
11	37.968	3578	3586	3606	rBV2	582873	1810117	55.74%	10.946%

Sum of corrected areas: 16537423

4029.D GCMS0308.M Tue Mar 26 10:42:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4029.D
Operator :
Acquired : 24 Mar 2002 3:38 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 35
Quant File :GCMS0308.RES (RTE Integrator)



4029.D GCMS0308.M Tue Mar 26 10:42:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

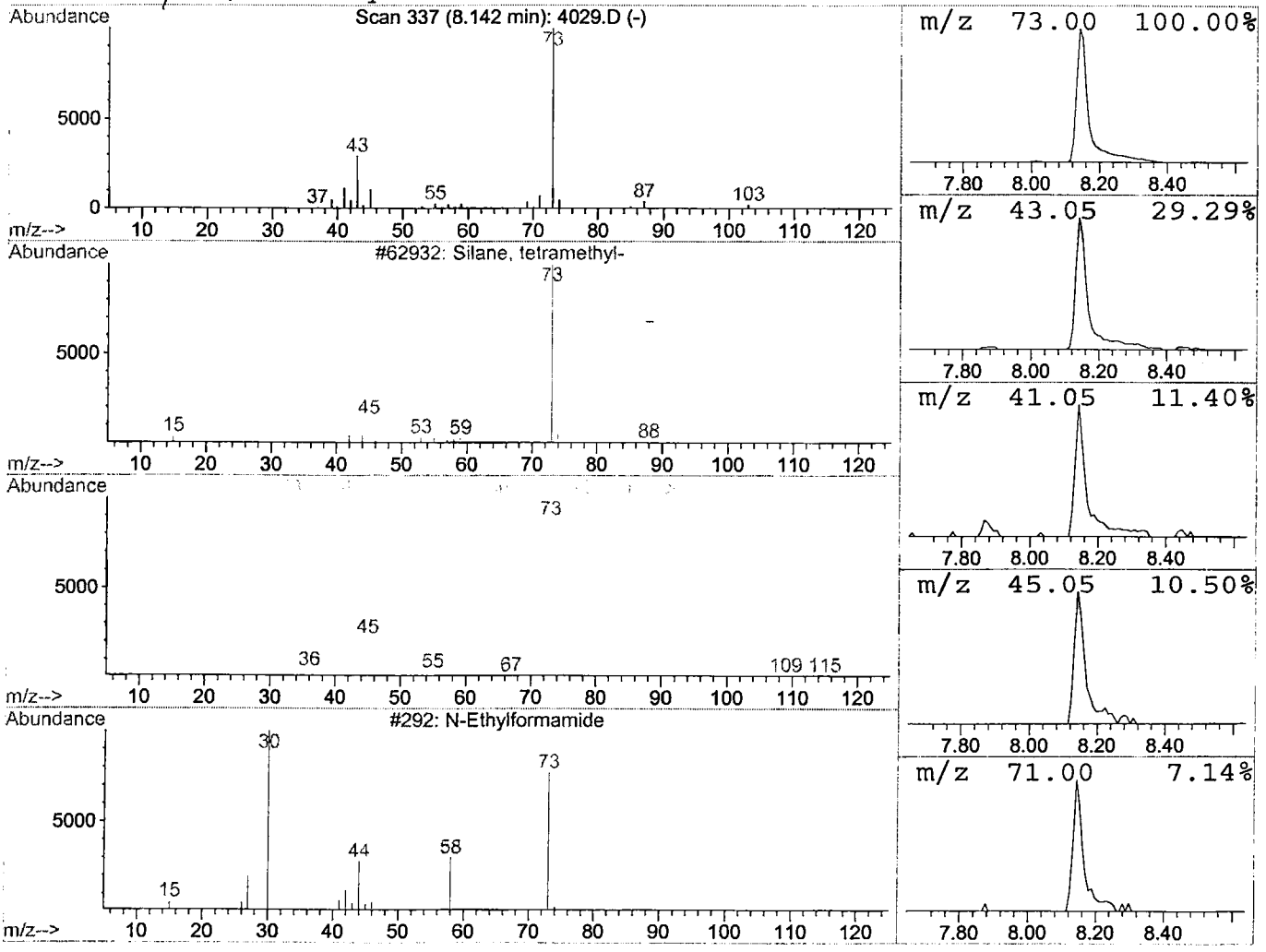
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.99 ug/l	205079	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

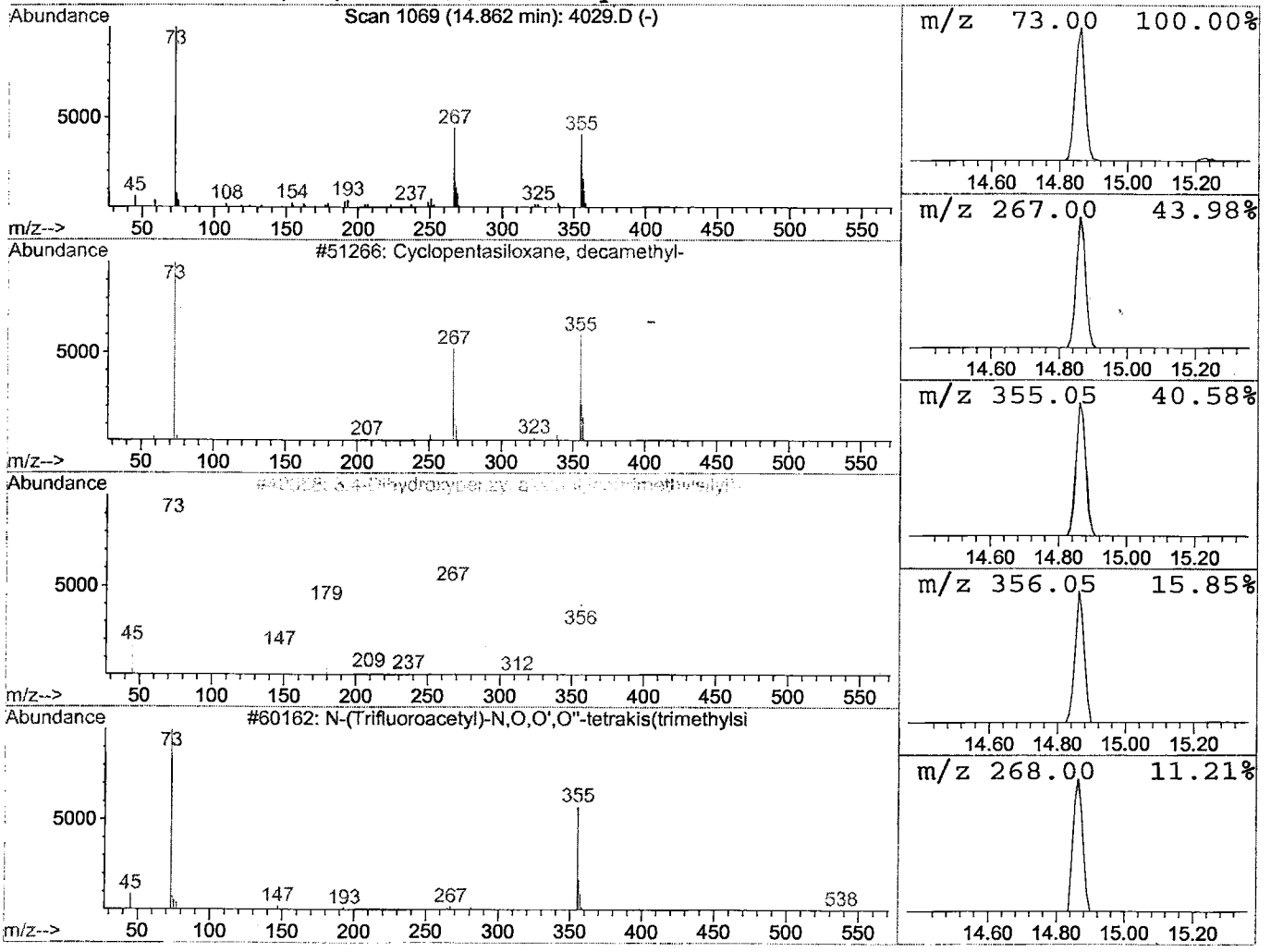
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.81 ug/l	117659	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4029.D Vial: 35
Acq On : 24 Mar 2002 3:38 am Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

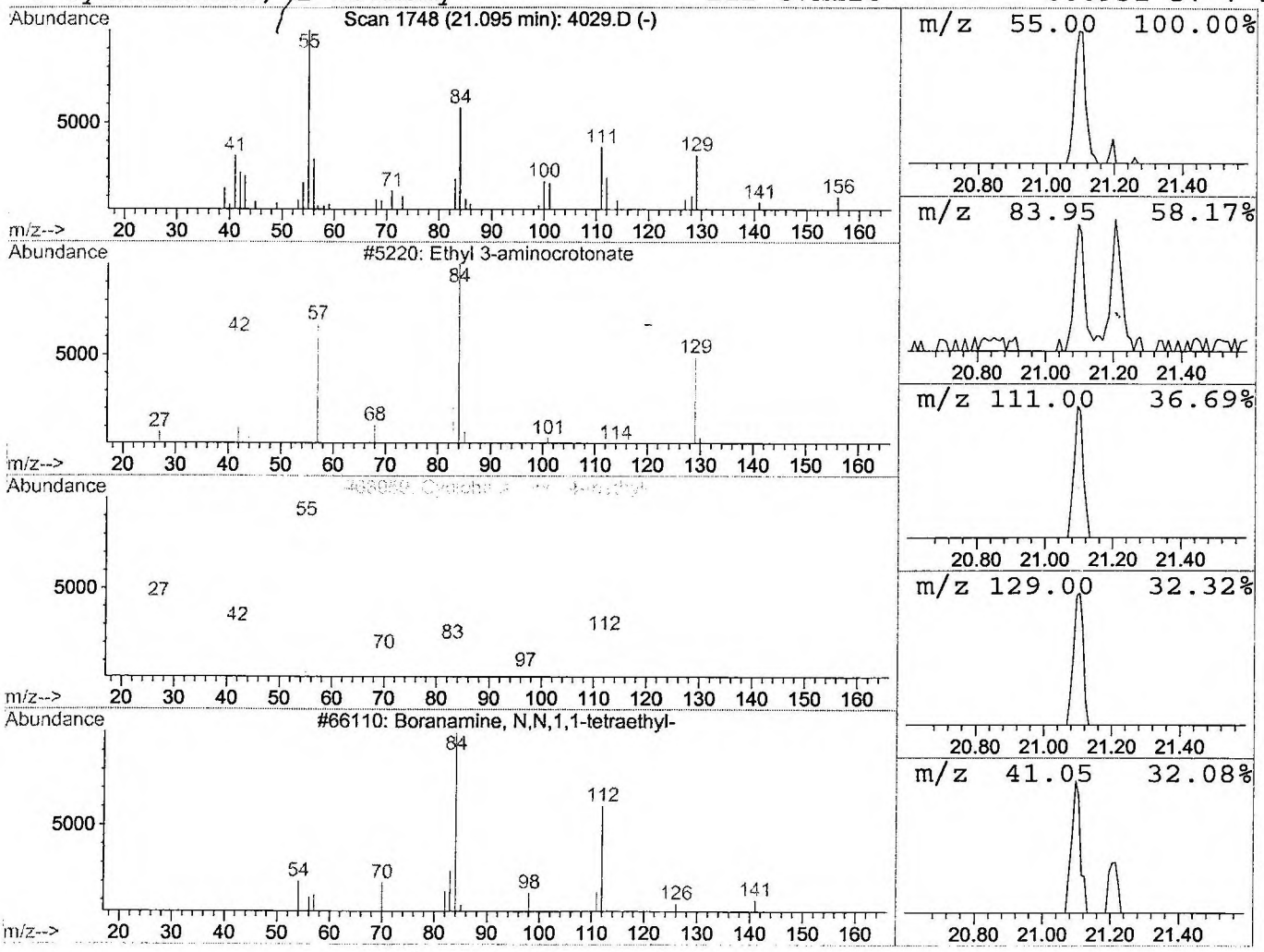
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethyl 3-aminocrotonate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	0.23 ug/l	37074	Acenaphthene-d10	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 3-aminocrotonate	129	C6H11NO2	000626-34-6	32
2	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	18
3	Boranamine, N,N,1,1-tetraethyl-	141	C8H20BN	004023-39-6	16
4	Cyclohexene, 1-methoxy-	112	C7H12O	000931-57-7	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Mar 2002 3:38 am
Data File: C:\HPCHEM\1\DATA\MAR2202\4029.D
Name: gc/ms scan 2/25
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
Silane, tetramethyl-	8.14	2.0	ug/l	205079	ISTD01	12.26	2060240	20.0
Cyclopentasiloxane,	14.86	0.8	ug/l	117659	ISTD02	15.90	2897670	20.0
Ethyl 3-aminocrotona	21.09	0.2	ug/l	37074	ISTD03	21.21	3247260	20.0

4029.D GCMS0308.M Tue Mar 26 10:43:03 2002