User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:38:53

Sample: AE03829
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:38 Ended: 3/29/02 11:38 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 AE03829 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:38:56

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3829.D Vial: 10
Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:37 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	407578	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	1589054	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	858855	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1281619	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	783107	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	449260	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	84022	8.01	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~160.20%~~ 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	391	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	218	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	21.30	153	192	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.70	149	582	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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Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 fb Inst : GC/MS 209
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 : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

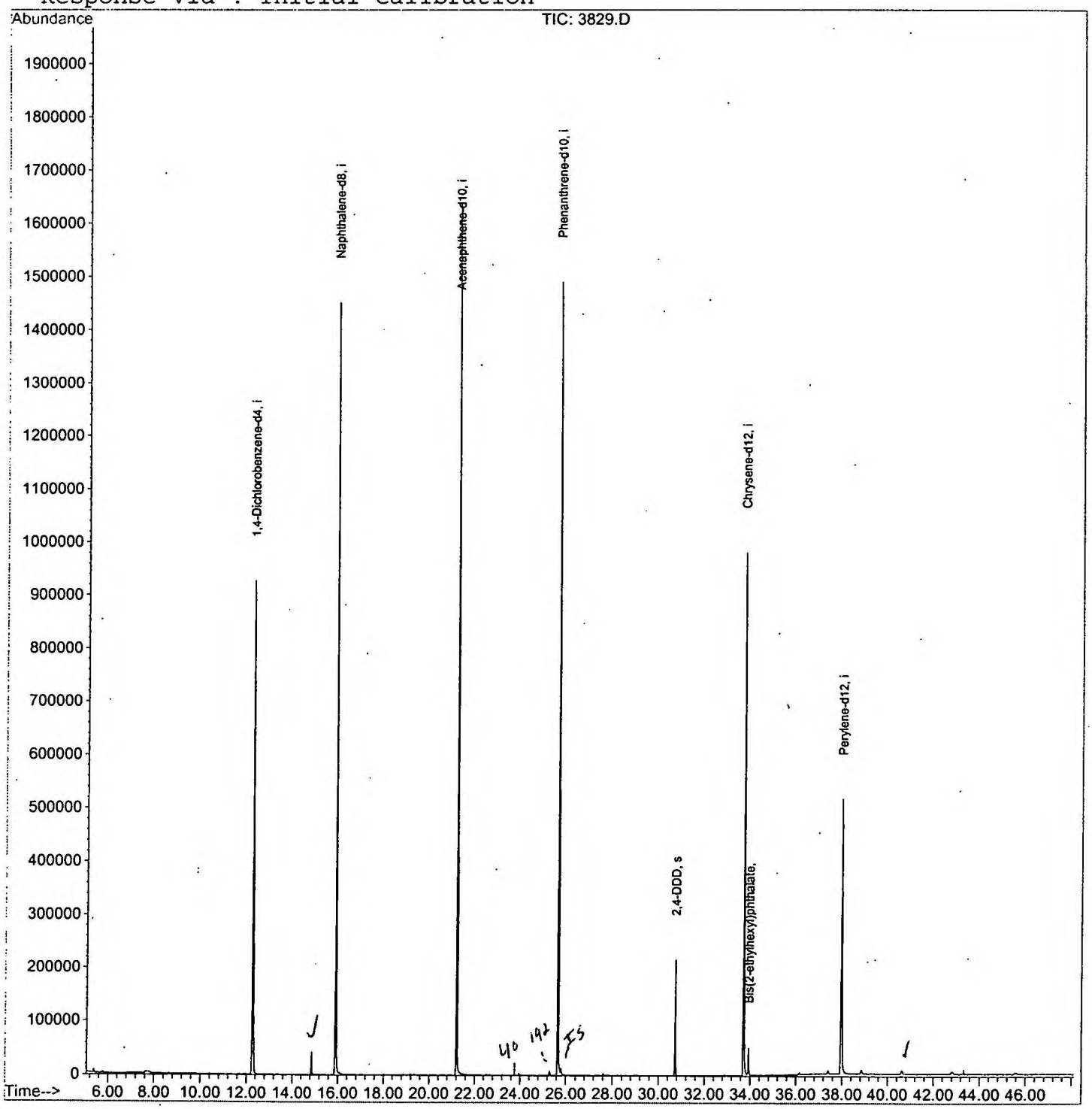
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	916	N.D.	
34)	Anthracene	25.85	178	350	N.D.	
35)	Di-n-butylphthalate	27.62	149	6389	N.D.	
36)	Fluoranthene	29.35	202	712	N.D.	
39)	Pyrene	30.02	202	829	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.72	228	1838	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	32347	1.03 ug/l	94
43)	Chrysene	33.72	228	1838	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	557	N.D.	
47)	Benzo(k)fluoranthene	36.78	252	1196	N.D.	
48)	Benzo(a)pyrene	37.96	252	1863	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

Data File : C:\HPCHEM\1\DATA\MAR2202\3829.D Vial: 10
Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:37 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3829.D Vial: 10
Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 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

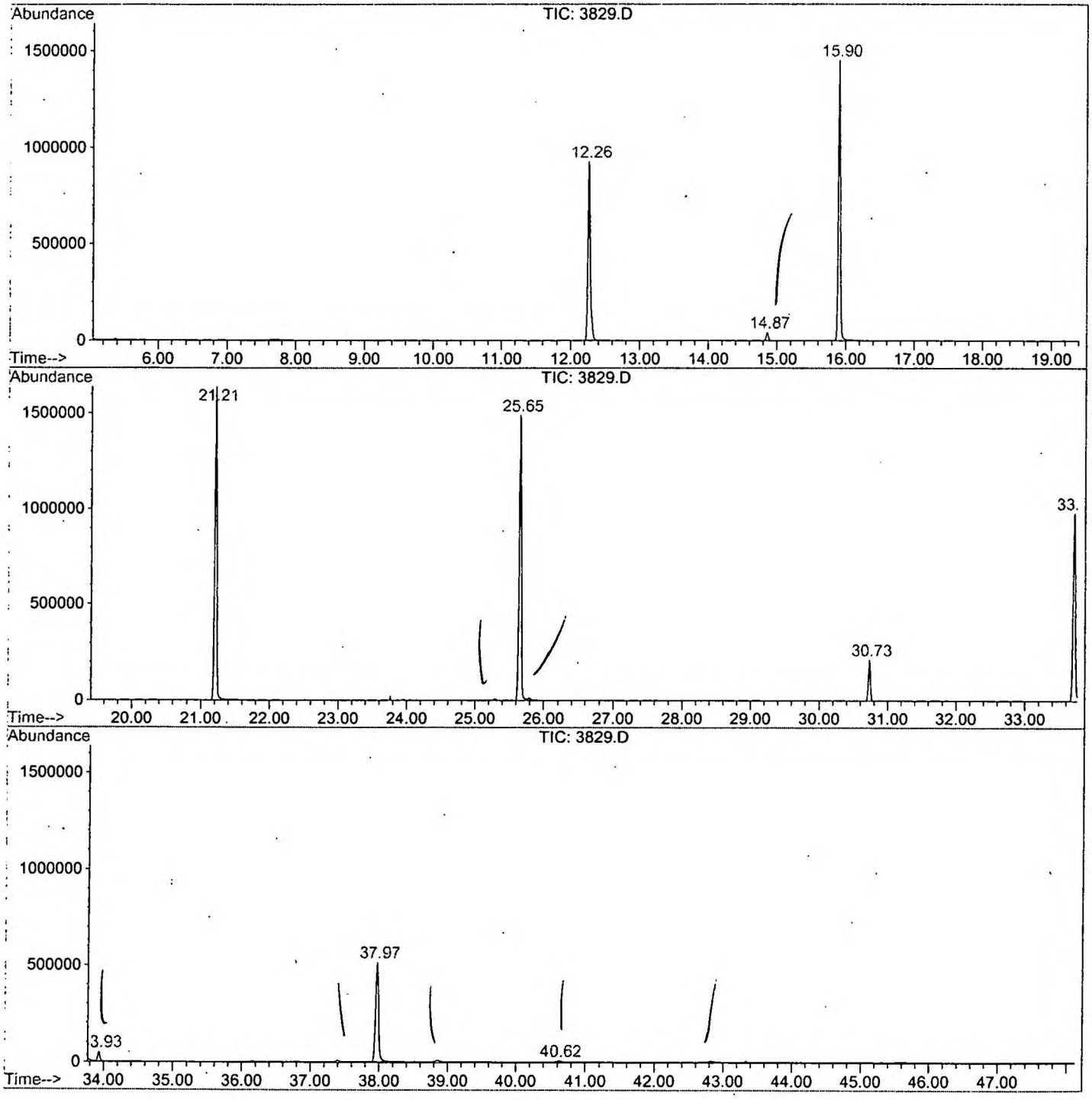
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.259	781	786	801	rBV	925908	2226725	67.23%	13.668%
2	14.866	1064	1070	1076	rBV2	42965	84849	2.56%	0.521%
3	15.903	1177	1183	1200	rBV	1451385	3004732	90.72%	18.444%
4	21.210	1754	1761	1773	rBV	1638893	3311922	100.00%	20.330%
5	25.653	2239	2245	2257	rBV2	1490172	3257431	98.35%	19.995%
6	30.730	2793	2798	2804	rBV	216566	423147	12.78%	2.597%
7	33.722	3117	3124	3142	rBV2	981894	2287521	69.07%	14.042%
8	33.934	3142	3147	3153	rVB	49966	106111	3.20%	0.651%
9	37.973	3578	3587	3604	rBV2	514576	1547679	46.73%	9.500%
10	40.617	3865	3875	3885	rBV6	7554	40901	1.23%	0.251%

Sum of corrected areas: 16291018

3829.D GCMS0308.M Tue Mar 26 14:57:44 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3829.D
Operator :
Acquired : 23 Mar 2002 2:58 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20 fb
Misc Info :
Vial Number: 10
Quant File :GCMS0308.RES (RTE Integrator)



3829.D GCMS0308.M Tue Mar 26 14:57:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3829.D Vial: 10
Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

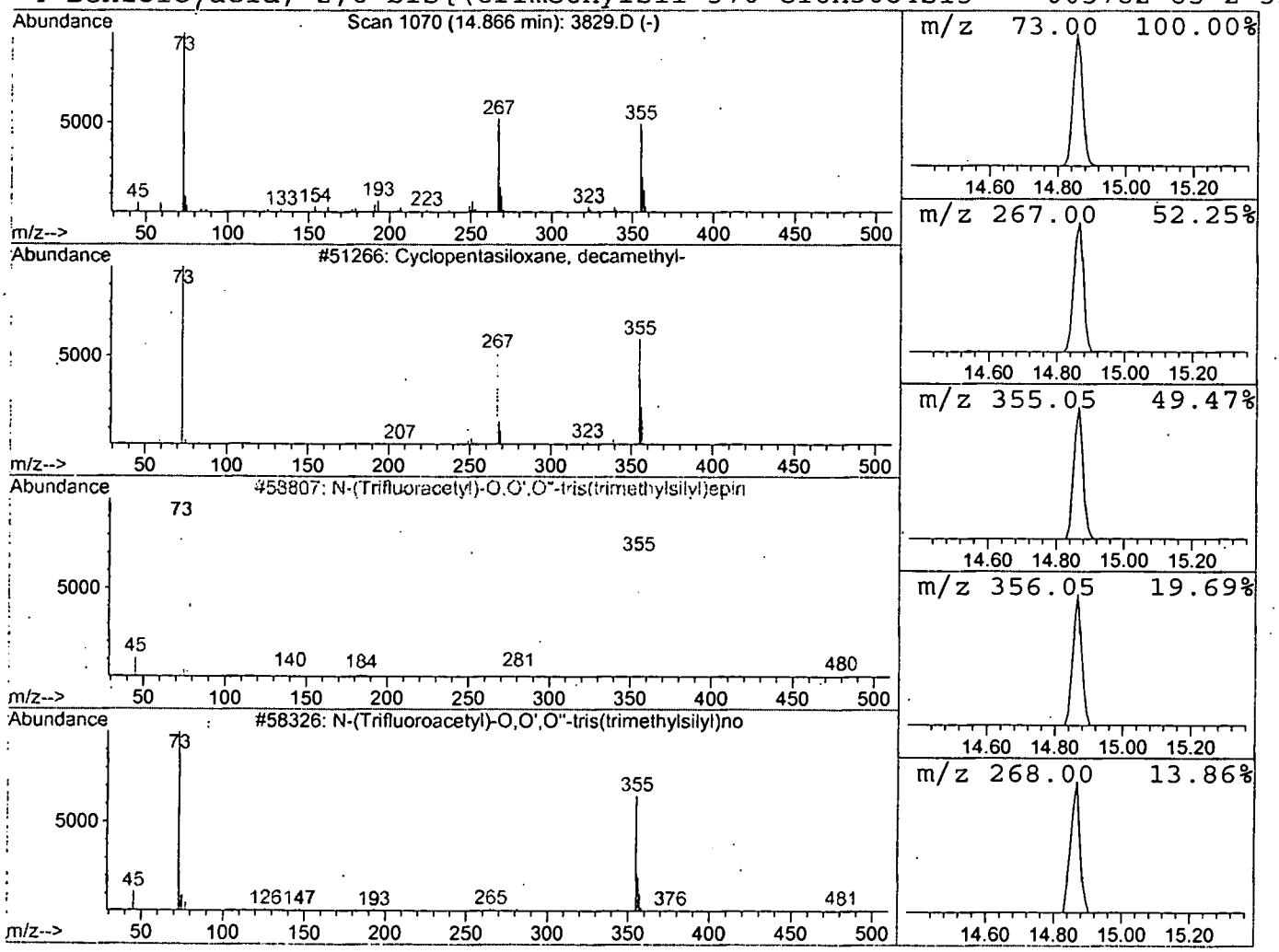
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	0.56 ug/l	84849	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3829.D Vial: 10
Acq On : 23 Mar 2002 2:58 am Operator:
Sample : gc/ms scan 2/20 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

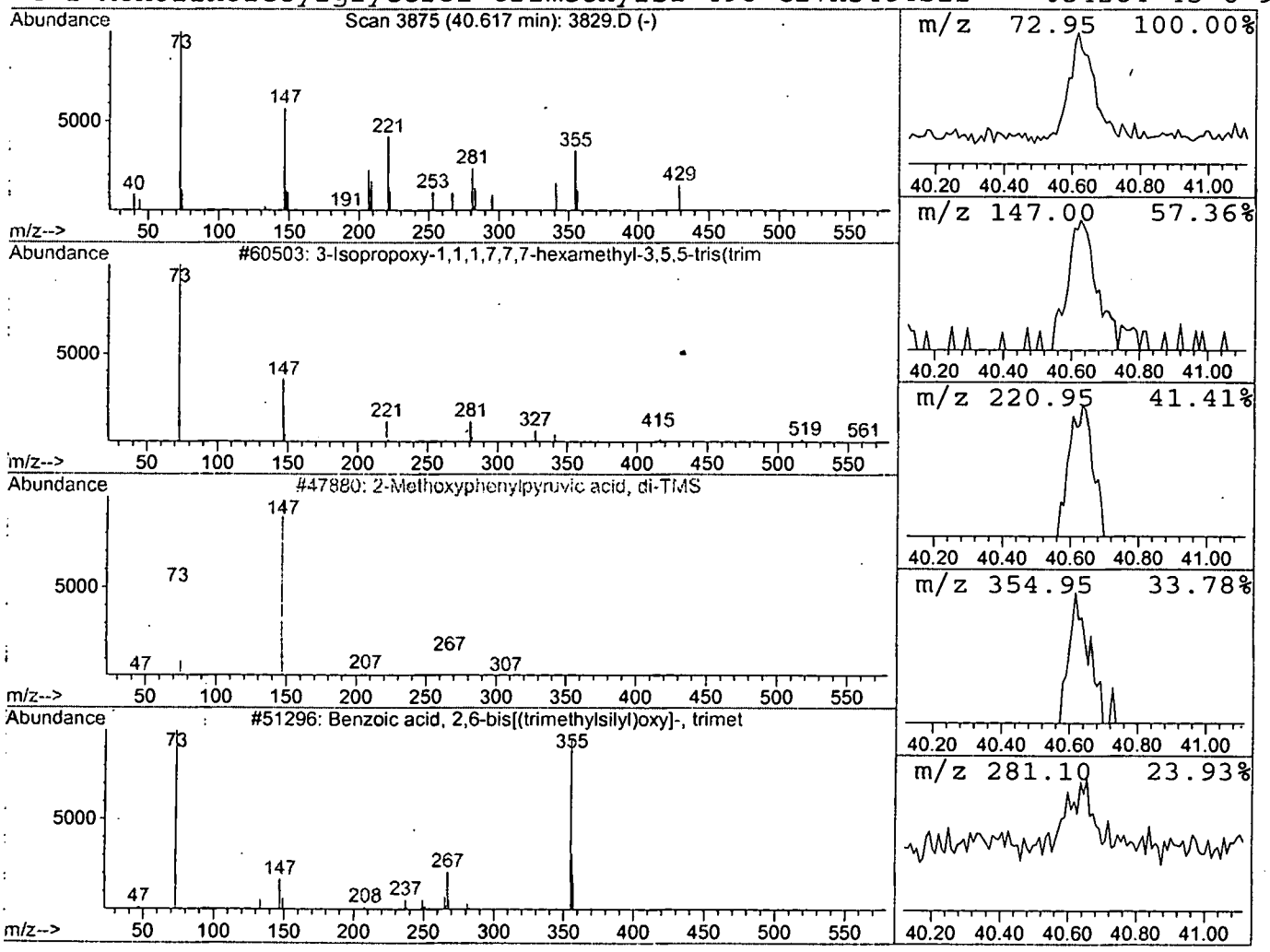
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.62	0.53 ug/l	40901	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9
2	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	9
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	9
4	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 2:58 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3829.D
Name: gc/ms scan 2/20 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
Cyclopentasiloxane,	14.87	0.6	ug/l	84849	ISTD02	15.90	3004730	20.0
3-Isopropoxy-1,1,1,7	40.62	0.5	ug/l	40901	ISTD06	37.97	1547680	20.0

3829.D GCMS0308.M Tue Mar 26 14:58:03 2002