User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:28:39

Sample: AE03825
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:22 Ended: 3/29/02 11:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE03825 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:28:52

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\3825.D Vial: 6
Acq On : 22 Mar 2002 11:03 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:30 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	12.26	152	372814	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1437667	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	783717	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1162517	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	723389	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	443151	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	74344	7.81	ug/mL	0.23
Spiked Amount 5.000			Recovery = ~~156.20%~~ 81%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.45	74	456	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	205	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	394	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 : 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	25.65	178	625	N.D.	
34) Anthracene	25.72	178	205	N.D.	
35) Di-n-butylphthalate	27.62	149	3700	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.14	149	1479	N.D.	
41) Benzo(a)anthracene	33.79	228	1820	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	26031	0.90 ug/l	95
43) Chrysene	33.79	228	1907	N.D.	
45) Di-n-Octylphthalate	35.67	149	4096	N.D.	
46) Benzo(b)fluoranthene	36.78	252	2322	N.D.	
47) Benzo(k)fluoranthene	36.83	252	2478	N.D.	
48) Benzo(a)pyrene	37.76	252	1867	N.D.	
49) Indeno(1,2,3-cd)pyrene	42.12	276	783	N.D.	
50) Dibenz(a,h)anthracene	42.23	278	583	N.D.	
51) Benzo(g,h,i)perylene	43.36	276	1235	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

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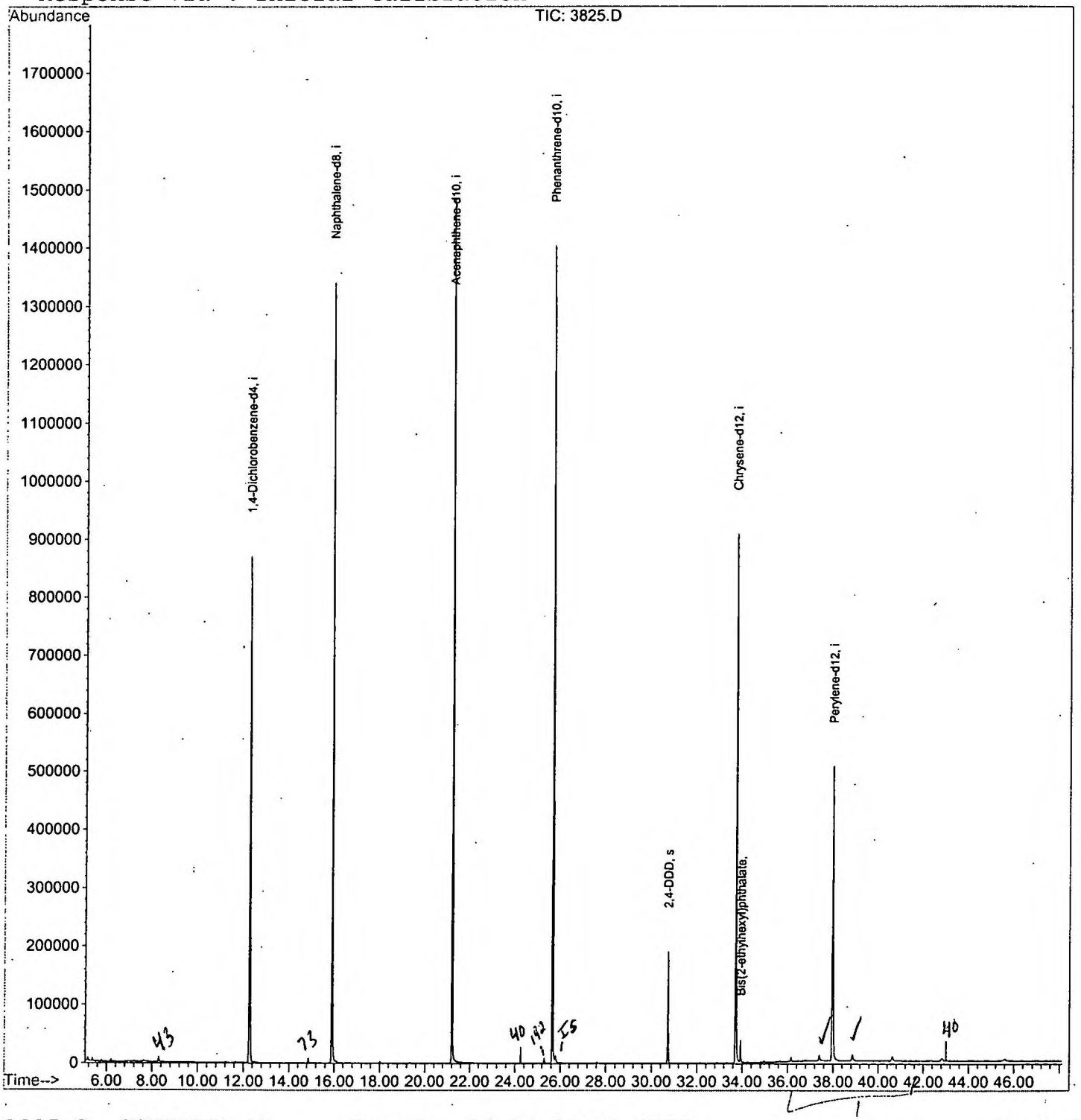
Acq On : 22 Mar 2002 11:03 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:30 2002 Quant Results File: GCMS0308.RES

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



Ubiquitous

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3825.D Vial: 6
Acq On : 22 Mar 2002 11:03 pm Operator:
Sample : gc/ms scan 2/20 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

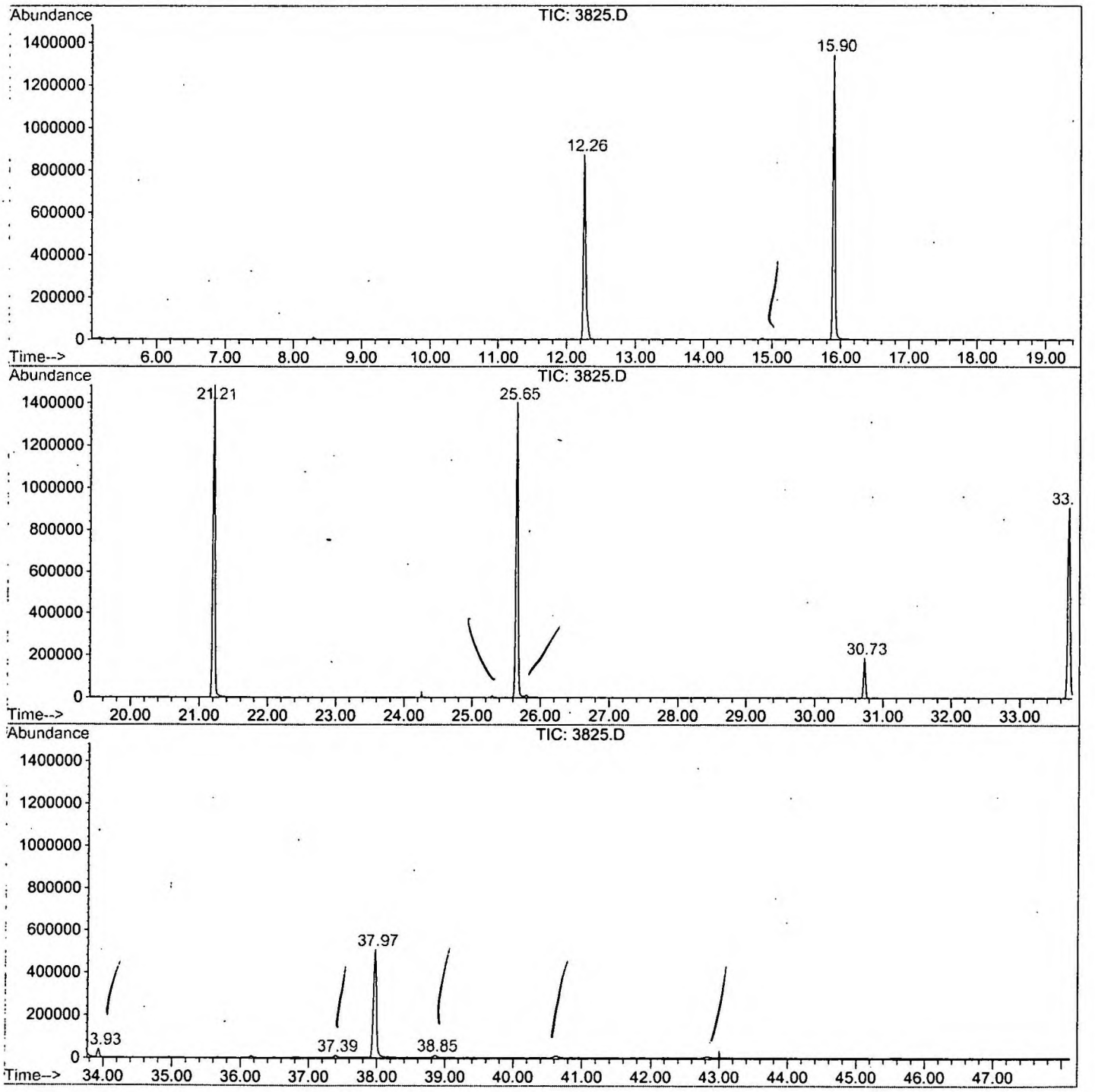
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.259	781	786	801	rVB	869284	2035455	67.50%	13.631%
2	15.904	1177	1183	1200	rBV	1340107	2721393	90.25%	18.224%
3	21.210	1755	1761	1774	rBV	1484223	3015282	100.00%	20.192%
4	25.653	2239	2245	2256	rBV2	1403346	2966920	98.40%	19.868%
5	30.730	2793	2798	2805	rVB	190250	368491	12.22%	2.468%
6	33.722	3114	3124	3138	rBV	909165	2134201	70.78%	14.292%
7	33.934	3142	3147	3155	rVB	38257	84901	2.82%	0.569%
8	37.395	3517	3524	3532	rBV2	10176	31734	1.05%	0.213%
9	37.973	3578	3587	3604	rBV	504737	1538040	51.01%	10.300%
10	38.854	3676	3683	3693	rBV4	10230	36441	1.21%	0.244%

Sum of corrected areas: 14932858

3825.D GCMS0308.M Tue Mar 26 14:54:17 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3825.D
Operator :
Acquired : 22 Mar 2002 11:03 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 6
Quant File :GCMS0308.RES (RTE Integrator)



3825.D GCMS0308.M Tue Mar 26 14:54:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3825.D
Acq On : 22 Mar 2002 11:03 pm
Sample : gc/ms scan 2/20
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : GC/MS 209
Multiplr: 1.00

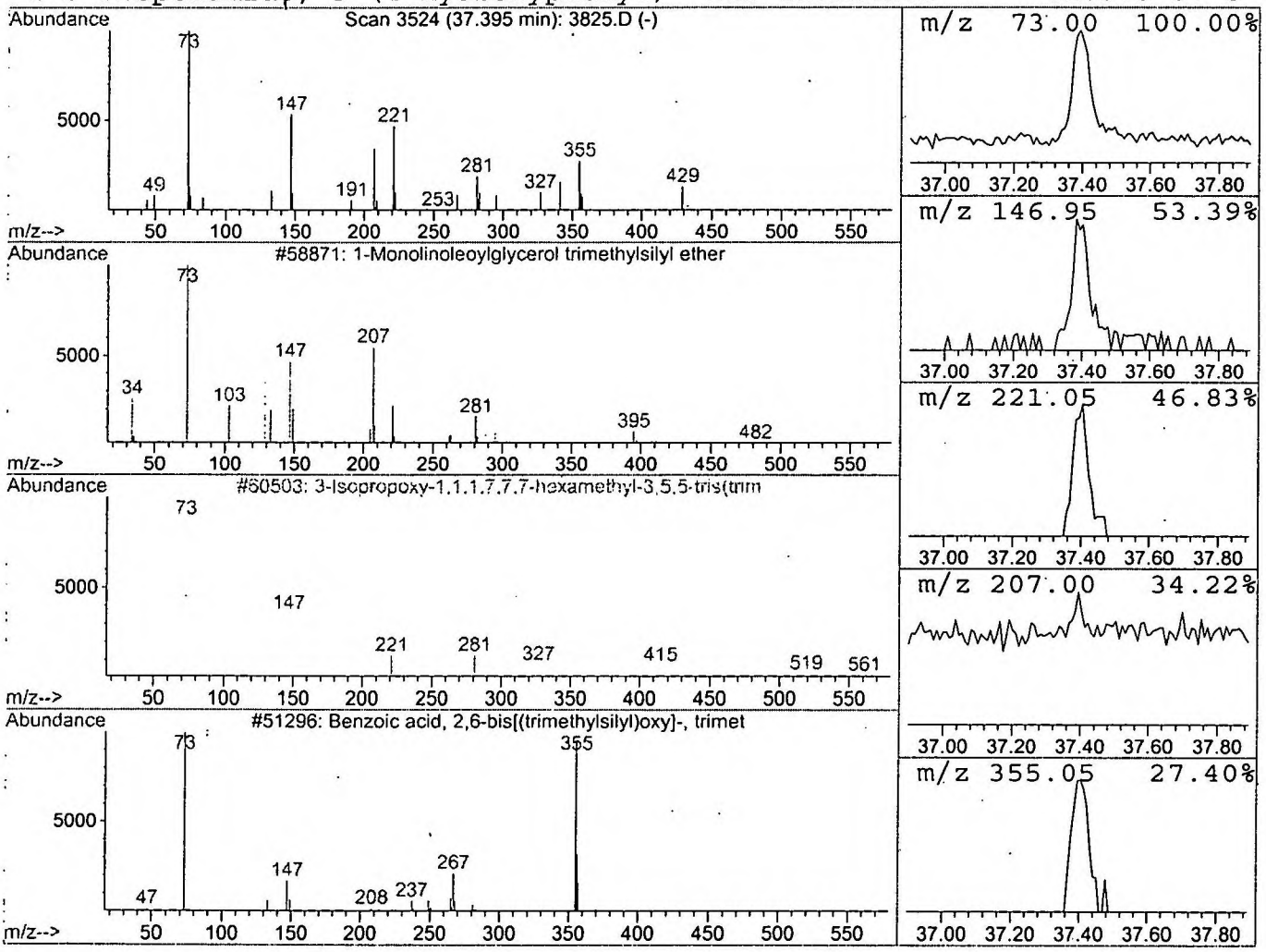
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Monolinoleoylglycerol trimet Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.39	0.41 ug/l	31734	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	9
4	2-Propenamide, 3-(4-hydroxyphenyl)-	283	C17H17NO3	020375-37-5	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3825.D Vial: 6
Acq On : 22 Mar 2002 11:03 pm Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

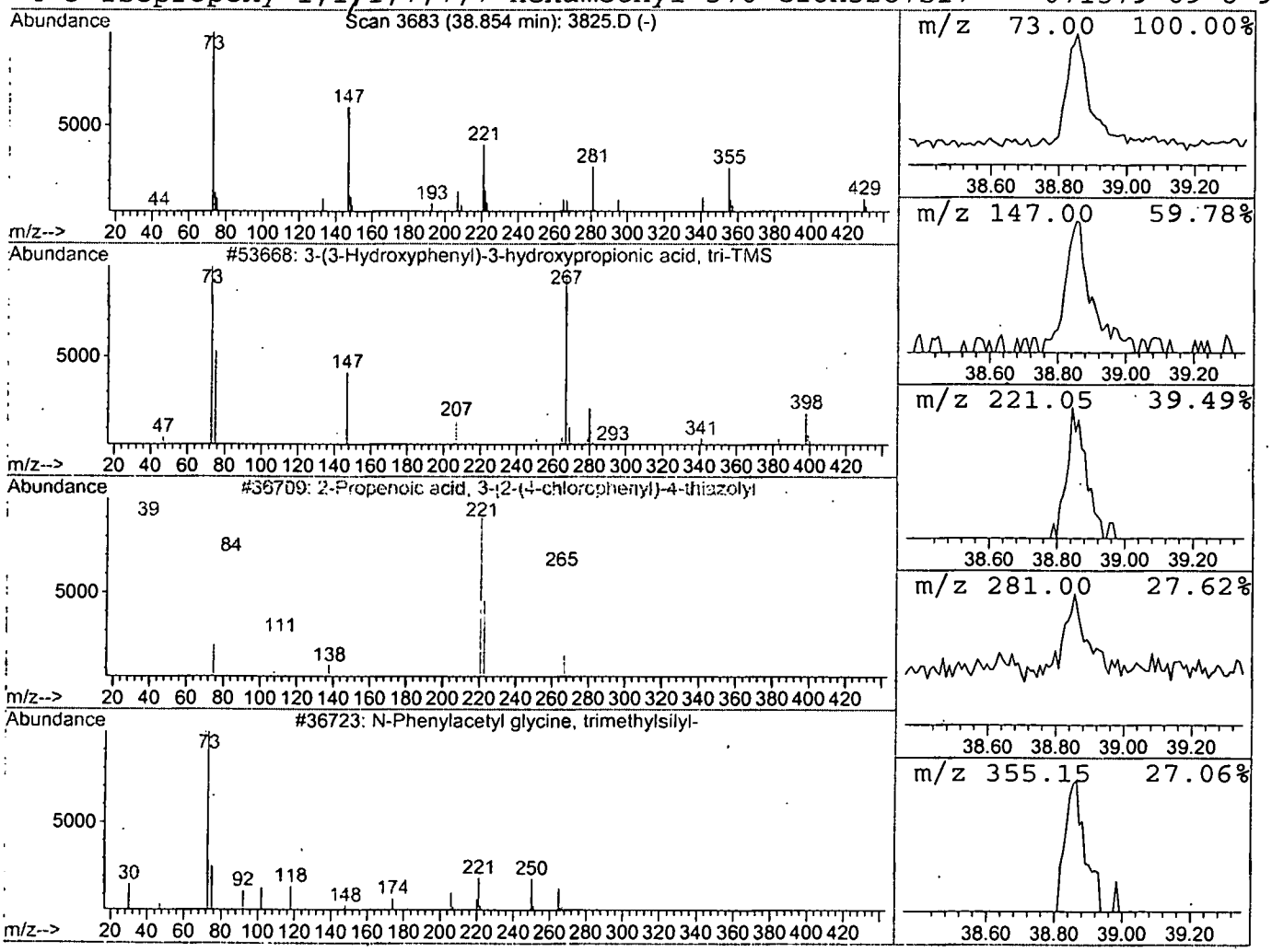
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-(3-Hydroxyphenyl)-3-hydroxyp Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	0.47 ug/l	36441	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	10
2	2-Propenoic acid, 3-[2-(4-chlorophe	265	C12H8ClNO2S	021278-79-5	9
3	N-Phenylacetyl glycine, trimethylsi	265	C13H19NO3Si	000000-00-0	9
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Mar 2002 11:03 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\3825.D
Name: gc/ms scan 2/20
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
1-Monolinoleoylglyce	37.39	0.4	ug/l	31734	ISTD06	37.97	1538040	20.0
3-(3-Hydroxyphenyl)-	38.85	0.5	ug/l	36441	ISTD06	37.97	1538040	20.0

3825.D GCMS0308.M Tue Mar 26 14:54:36 2002