User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:30:39

Sample: AE03827
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:30 Ended: 3/29/02 11:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE03827 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:31:05

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\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:34 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	388250	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1507022	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	815409	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1213729	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	717591	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	399923	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	77517	~~7.80~~ 4.20	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~156.00%~~ 84%		
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	413	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	0.00	149	0	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)

Data File : C:\HPCHEM\1\DATA\MAR2202\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:34 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

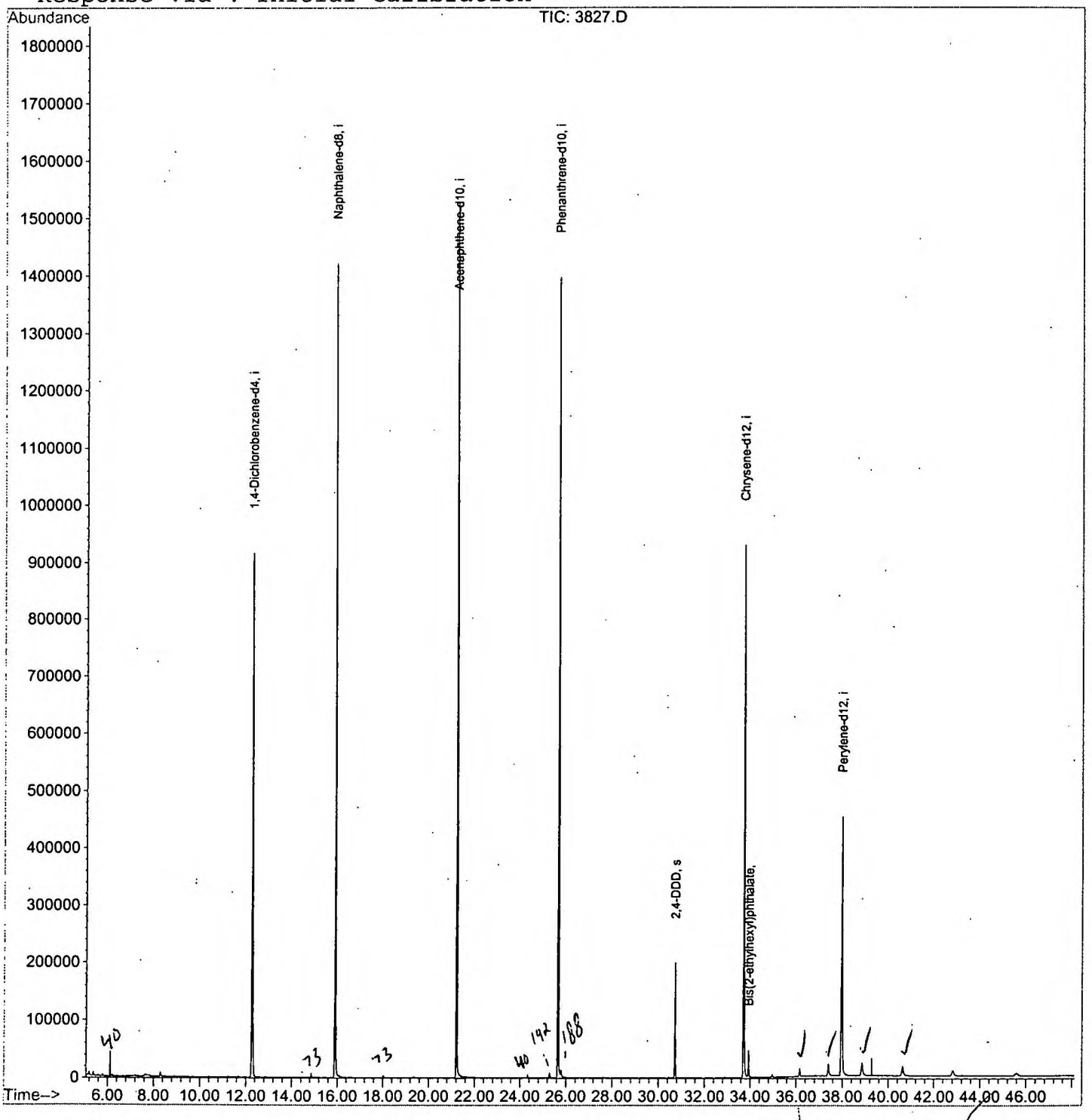
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.65	178	224	N.D.	
34) Anthracene	25.65	178	224	N.D.	
35) Di-n-butylphthalate	27.62	149	2277	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.15	149	209	N.D.	
41) Benzo(a)anthracene	33.71	228	2166	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.93	149	28837	1.01 ug/l	93
43) Chrysene	33.79	228	341	N.D.	
45) Di-n-Octylphthalate	35.68	149	309	N.D.	
46) Benzo(b)fluoranthene	36.78	252	728	N.D.	
47) Benzo(k)fluoranthene	36.84	252	868	N.D.	
48) Benzo(a)pyrene	37.77	252	475	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\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:34 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\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am 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

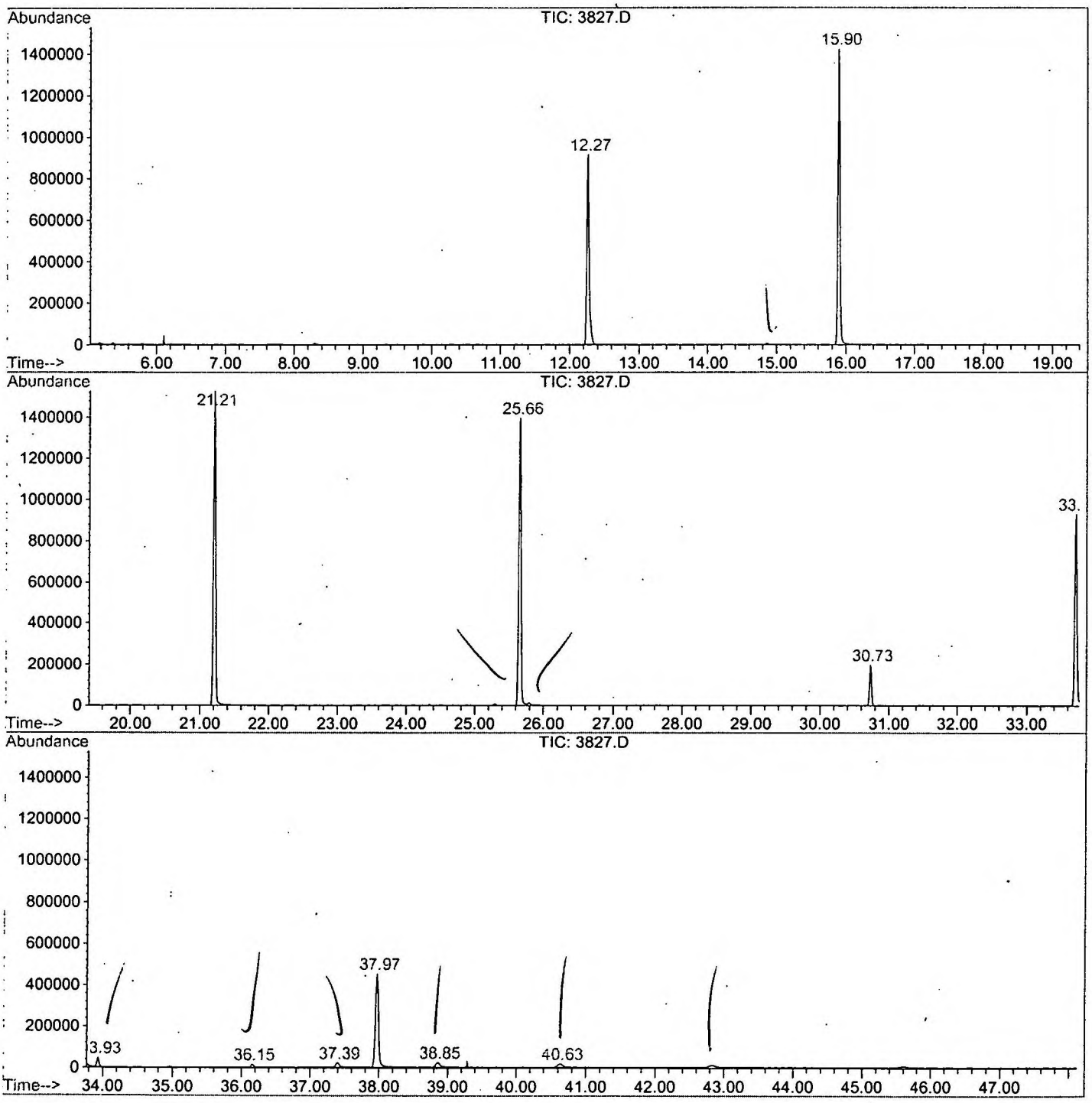
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	801	rBV	915005	2135627	67.87%	13.759%
2	15.902	1177	1183	1201	rBV	1420977	2847544	90.50%	18.346%
3	21.208	1755	1761	1775	rBV	1527435	3146451	100.00%	20.272%
4	25.661	2239	2246	2257	rBV2	1396645	3092185	98.28%	19.922%
5	30.728	2793	2798	2806	rVB	199069	391825	12.45%	2.524%
6	33.721	3116	3124	3137	rBV	930104	2110143	67.06%	13.595%
7	33.932	3142	3147	3154	rVB	45951	96829	3.08%	0.624%
8	36.154	3384	3389	3395	rBV	14134	35751	1.14%	0.230%
9	37.393	3516	3524	3534	rBV3	21194	81298	2.58%	0.524%
10	37.972	3577	3587	3602	rBV2	451379	1399699	44.49%	9.018%
11	38.853	3675	3683	3697	rBV2	22059	98298	3.12%	0.633%
12	40.634	3867	3877	3889	rBV2	16958	85715	2.72%	0.552%

Sum of corrected areas: 15521365

3827.D GCMS0308.M Tue Mar 26 14:55:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3827.D
Operator :
Acquired : 23 Mar 2002 1:00 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 8
Quant File :GCMS0308.RES (RTE Integrator)



3827.D GCMS0308.M Tue Mar 26 14:55:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

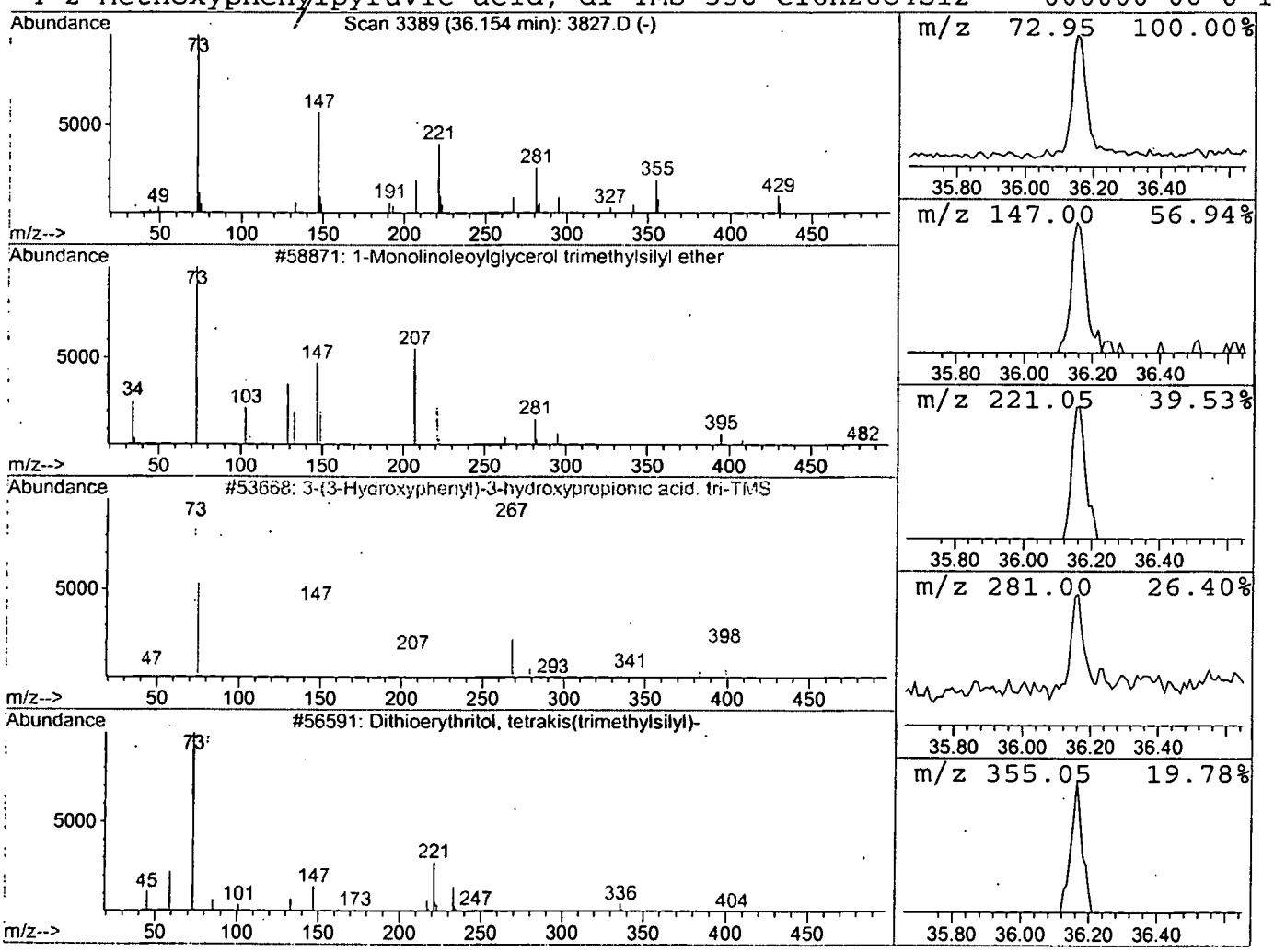
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Monolinoleoylglycerol trimet Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.15	0.51 ug/l	35751	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	23
2	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	13
3	Dithioerythritol, tetrakis(trimethy	442	C16H42O2S2Si4	000000-00-0	12
4	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

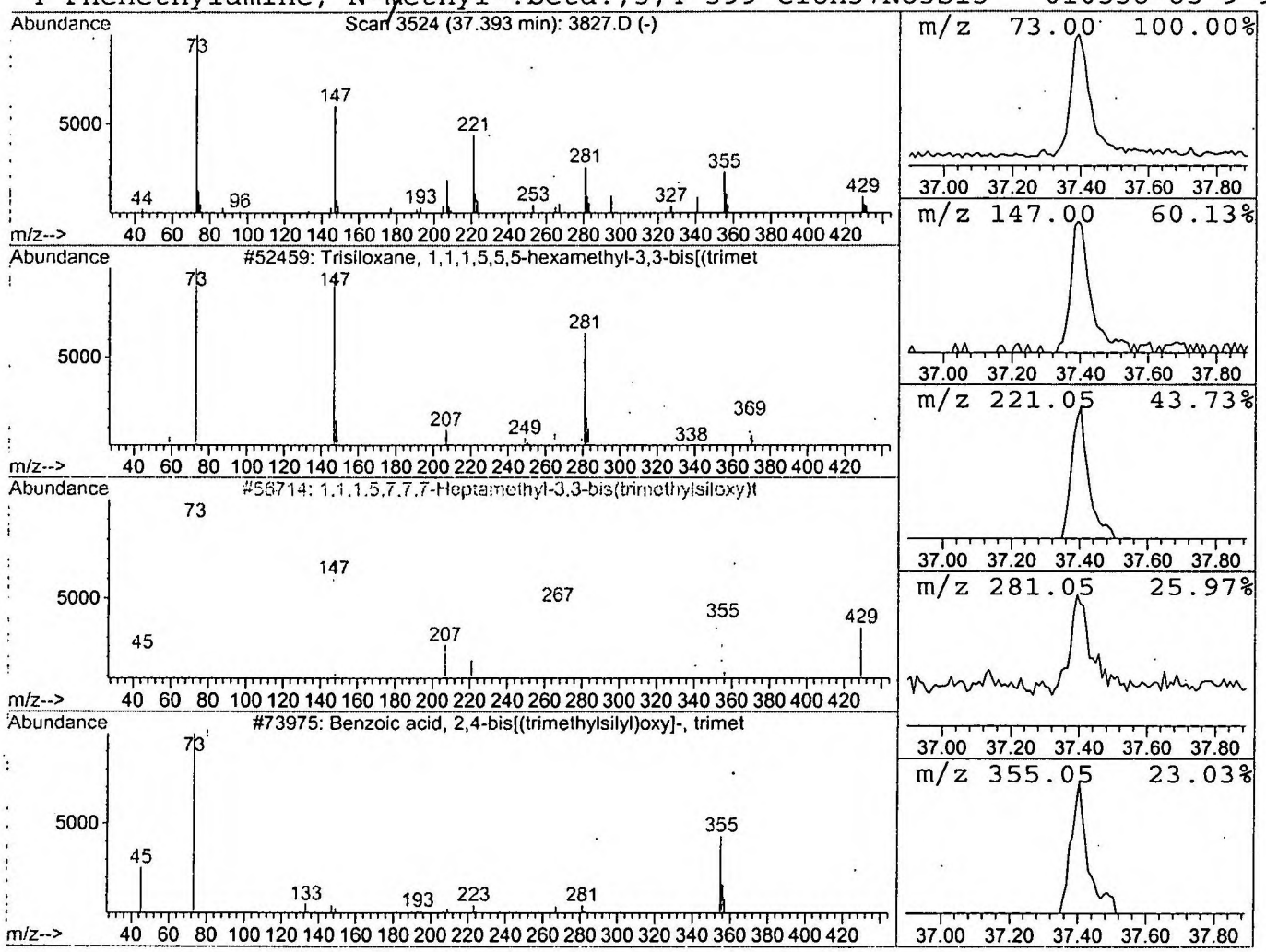
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.39	1.16 ug/l	81298	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	10
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	9
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3827.D Vial: 8
Acq On : 23 Mar 2002 1:00 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

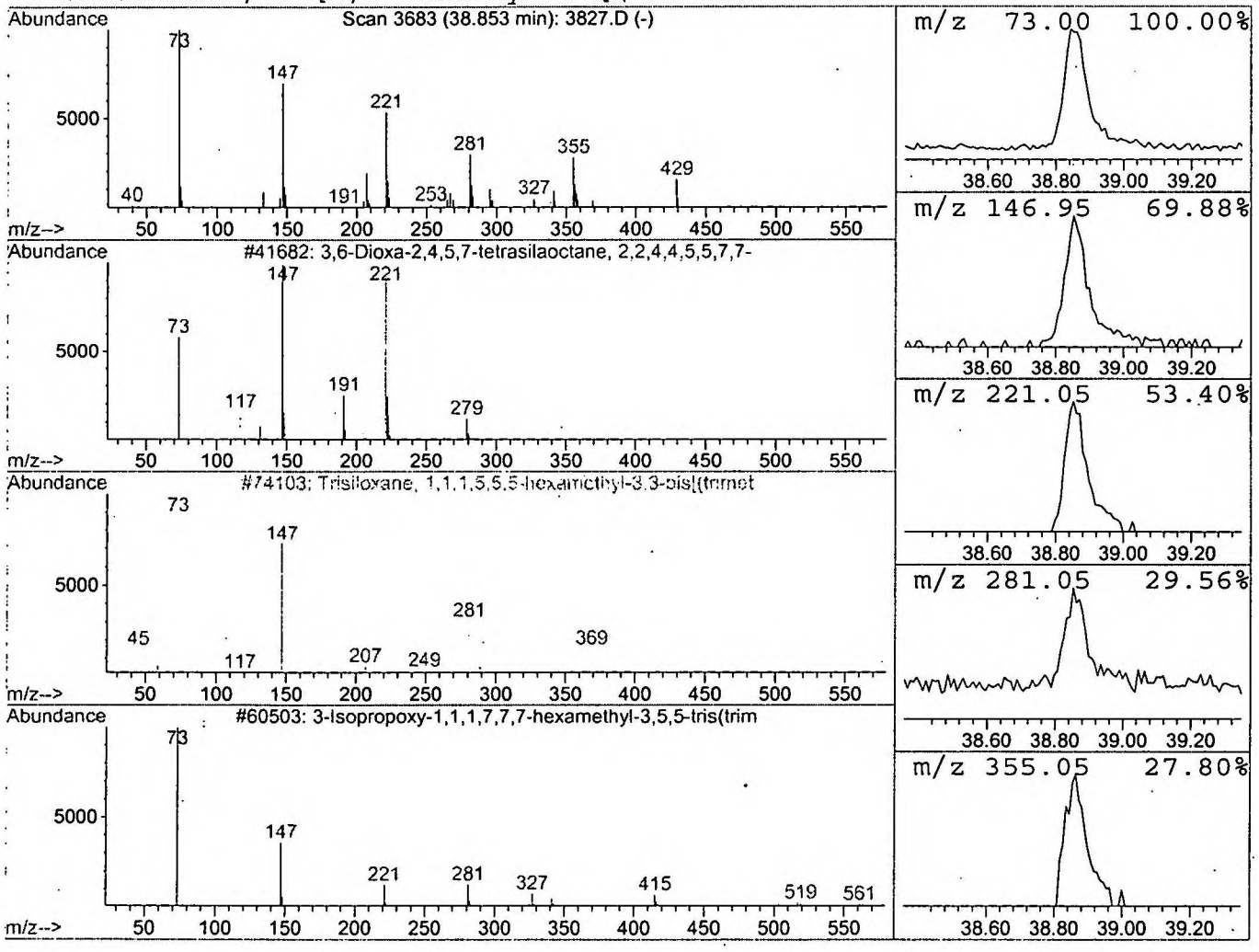
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.85	1.40 ug/l	98298	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	27
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	11



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3827.D
Acq On : 23 Mar 2002 1:00 am
Sample : gc/ms scan 2/20
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS 209
Multiplr: 1.00

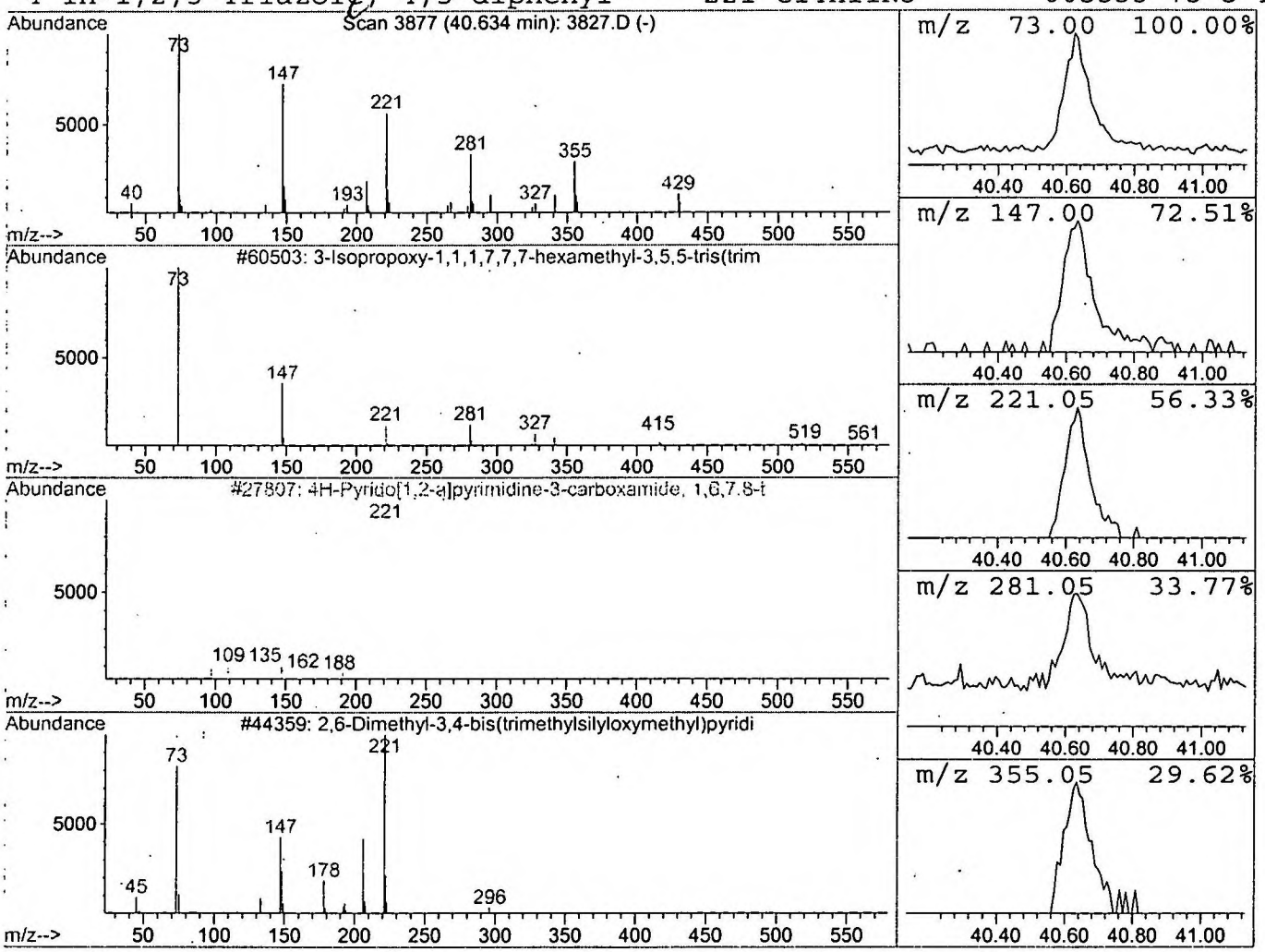
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.63	1.22 ug/l	85715	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	37
2	4H-Pyrido[1,2-a]pyrimidine-3-carbox	221	C11H15N3O2	064399-29-7	14
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
4	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 1:00 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3827.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	36.15	0.5	ug/l	35751	ISTD06	37.97	1399700	20.0
Trisiloxane, 1,1,1,5	37.39	1.2	ug/l	81298	ISTD06	37.97	1399700	20.0
3,6-Dioxa-2,4,5,7-te	38.85	1.4	ug/l	98298	ISTD06	37.97	1399700	20.0
3-Isopropoxy-1,1,1,7	40.63	1.2	ug/l	85715	ISTD06	37.97	1399700	20.0

3827.D GCMS0308.M Tue Mar 26 14:56:18 2002