User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:17:06

Sample: AE03824
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:11 Ended: 3/29/02 11:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AE03824 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:17:27

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\3824.D Vial: 15
Acq On : 23 Mar 2002 7:52 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 14:47 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	328820	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1274458	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	694568	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1029473	20.00	ug/l	-0.11
38) Chrysene-d12	33.71	240	655091	20.00	ug/l	-0.13
44) Perylene-d12	37.96	264	396174	20.00	ug/l	-0.16
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	72706	~~8.63~~ 3.94	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~172.60%~~ 79%		
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	15.96	128	336	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	305	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 7:52 am Operator:
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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:47 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

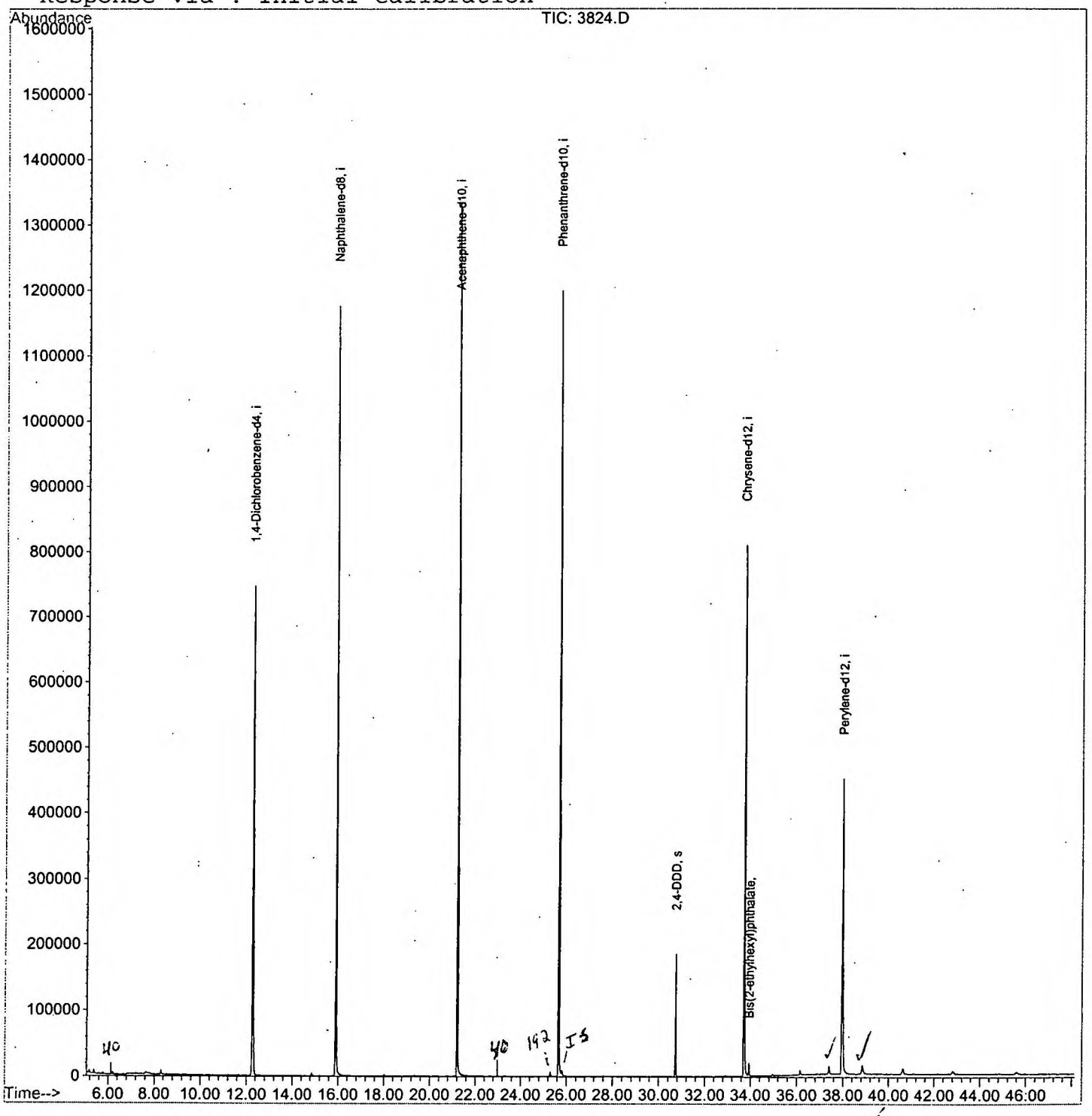
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	383	N.D.	
34)	Anthracene	25.72	178	383	N.D.	
35)	Di-n-butylphthalate	27.62	149	1957	N.D.	
36)	Fluoranthene	29.35	202	429	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	367	N.D.	
41)	Benzo(a)anthracene	33.70	228	1513	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	12473	0.48 ug/l #	90
43)	Chrysene	33.70	228	1513	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.96	252	1417	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\3824.D Vial: 15
Acq On : 23 Mar 2002 7:52 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 14:47 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\3824.D Vial: 15
Acq On : 23 Mar 2002 7:52 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

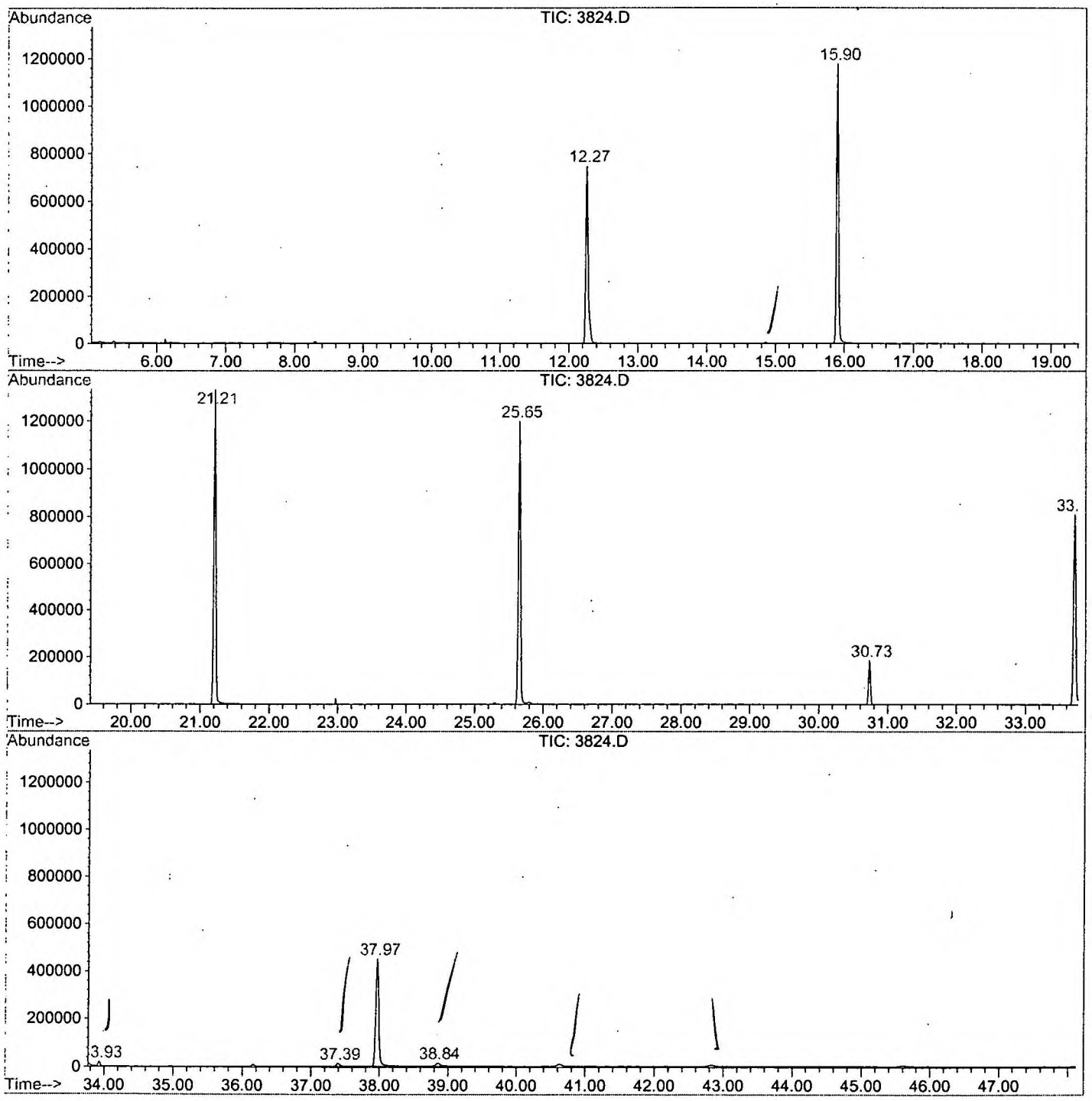
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.267	781	787	802	rVB	745724	1816076	68.33%	13.690%
2	15.902	1177	1183	1195	rBV	1175953	2393379	90.05%	18.042%
3	21.209	1755	1761	1774	rBV	1333563	2657734	100.00%	20.035%
4	25.652	2239	2245	2255	rBV2	1199585	2596844	97.71%	19.576%
5	30.729	2793	2798	2806	rVB	185394	366816	13.80%	2.765%
6	33.712	3116	3123	3138	rBV2	810178	1919618	72.23%	14.471%
7	33.933	3143	3147	3153	rVB	19407	41736	1.57%	0.315%
8	37.394	3516	3524	3533	rBV2	12549	40782	1.53%	0.307%
9	37.972	3578	3587	3606	rBV	449247	1375559	51.76%	10.370%
10	38.844	3676	3682	3693	rBV3	12979	56776	2.14%	0.428%

Sum of corrected areas: 13265320

3824.D GCMS0308.M Tue Mar 26 14:53:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3824.D
Operator :
Acquired : 23 Mar 2002 7:52 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 15
Quant File :GCMS0308.RES (RTE Integrator)



3824.D GCMS0308.M Tue Mar 26 14:53:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3824.D Vial: 15
Acq On : 23 Mar 2002 7:52 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

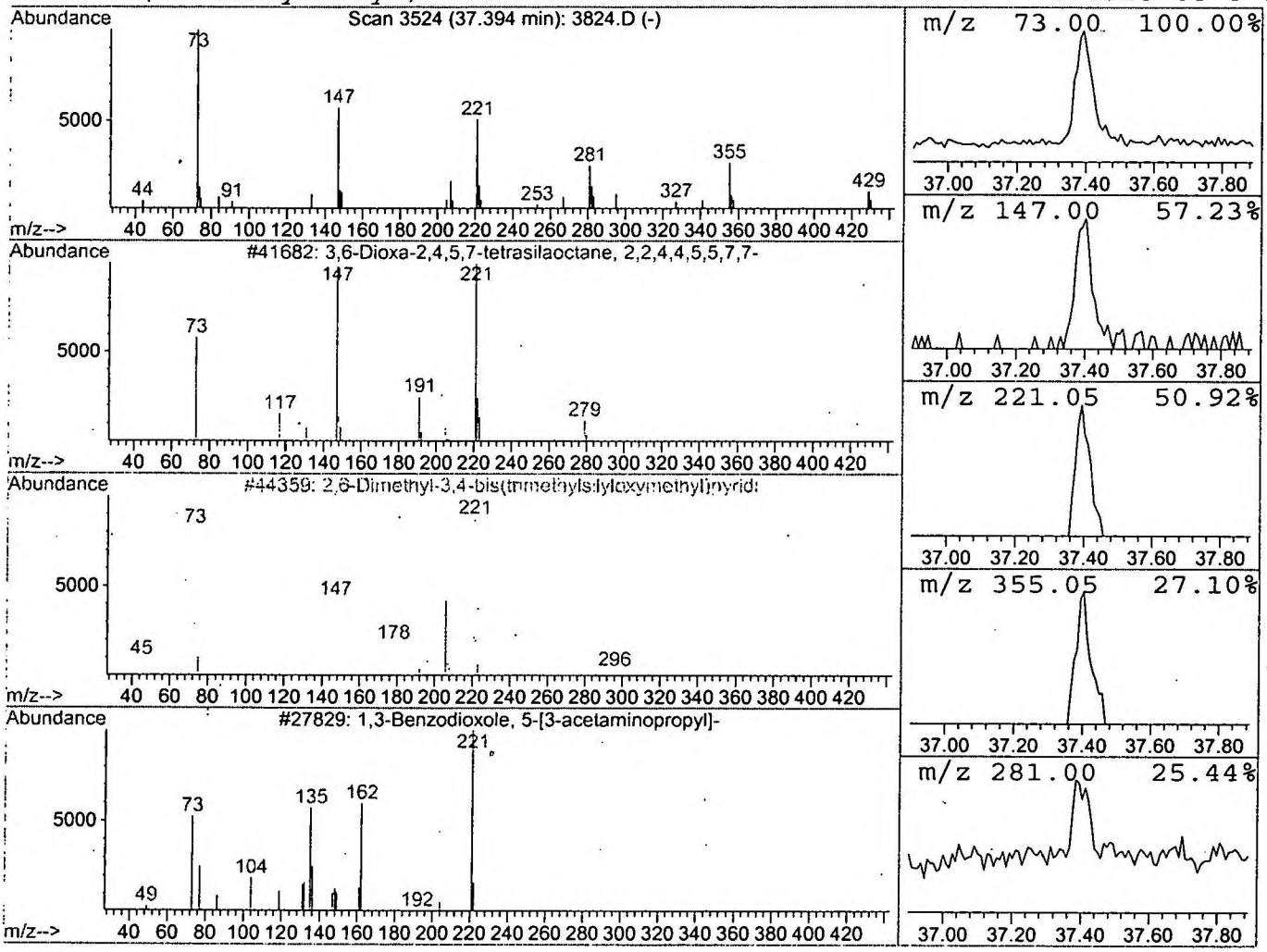
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.39	0.59 ug/l	40782	Perylene-d12	37.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	38
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16
3	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3824.D Vial: 15
Acq On : 23 Mar 2002 7:52 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

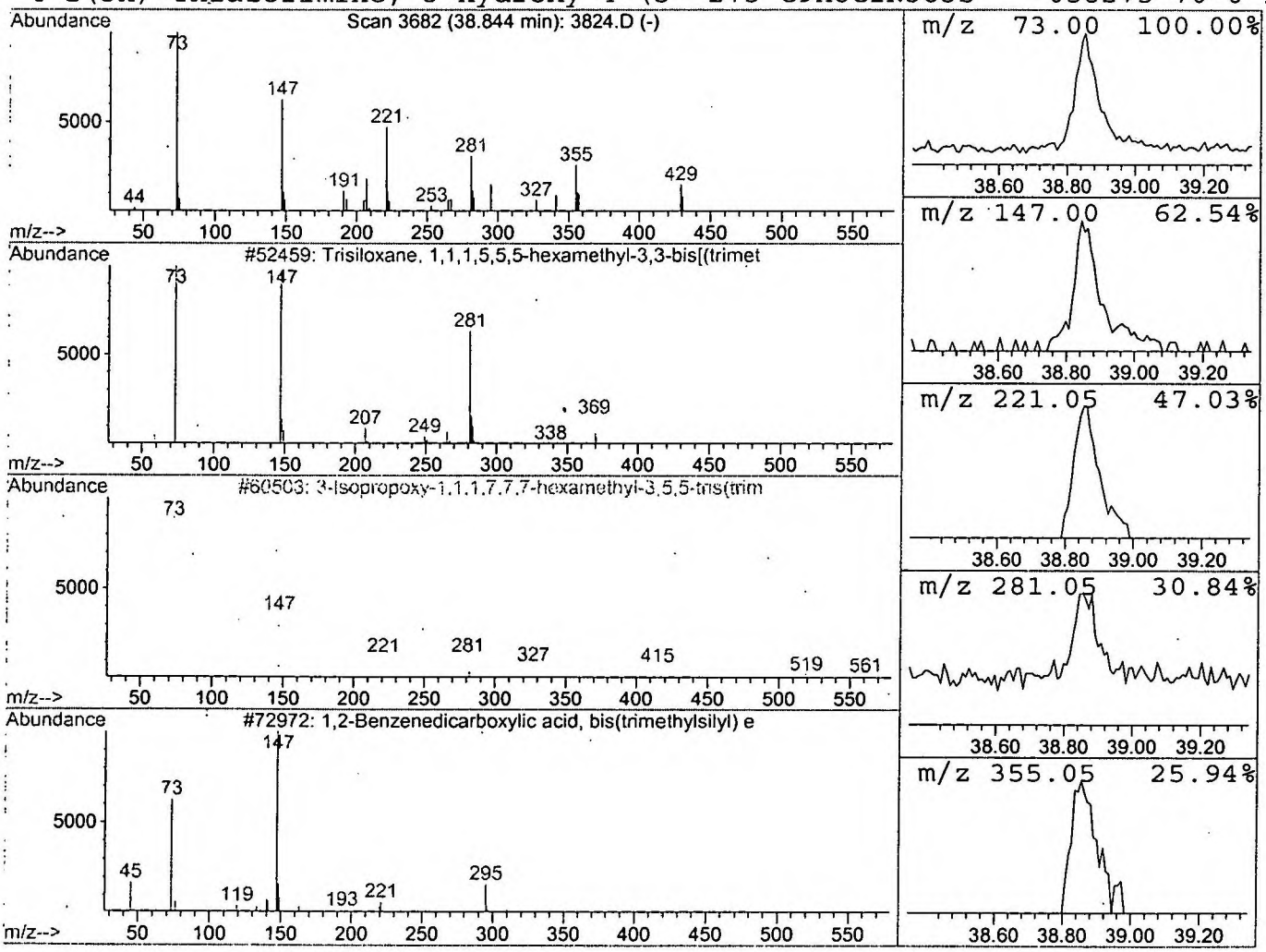
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.84	0.83 ug/l	56776	Perylene-d12	37.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	27
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	9
4	2(3H)-Thiazolimine, 3-hydroxy-4-(3-	273	C9H8ClN3O3S	058275-70-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 7:52 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3824.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
3,6-Dioxa-2,4,5,7-te	37.39	0.6	ug/l	40782	ISTD06	37.96	1375560	20.0
Trisiloxane, 1,1,1,5	38.84	0.8	ug/l	56776	ISTD06	37.96	1375560	20.0

3824.D GCMS0308.M Tue Mar 26 14:53:44 2002