User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 15:49:29

Sample: AE08833
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 15:48 Ended: 4/25/02 15:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE08833 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-25-2002 Time: 15:50:00

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:41 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	502370	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1831847	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1038663	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1528085	20.00	ug/l	-0.03
39) Chrysene-d12	33.65	240	1039692	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	684892	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	42083	8.08	ug/L	-0.04
Spiked Amount 10.000			Recovery = 80.80%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	15.90	128	181	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	21.39	165	484	N.D.		
25) Diethylphthalate	22.63	149	1281	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.18	168	182	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

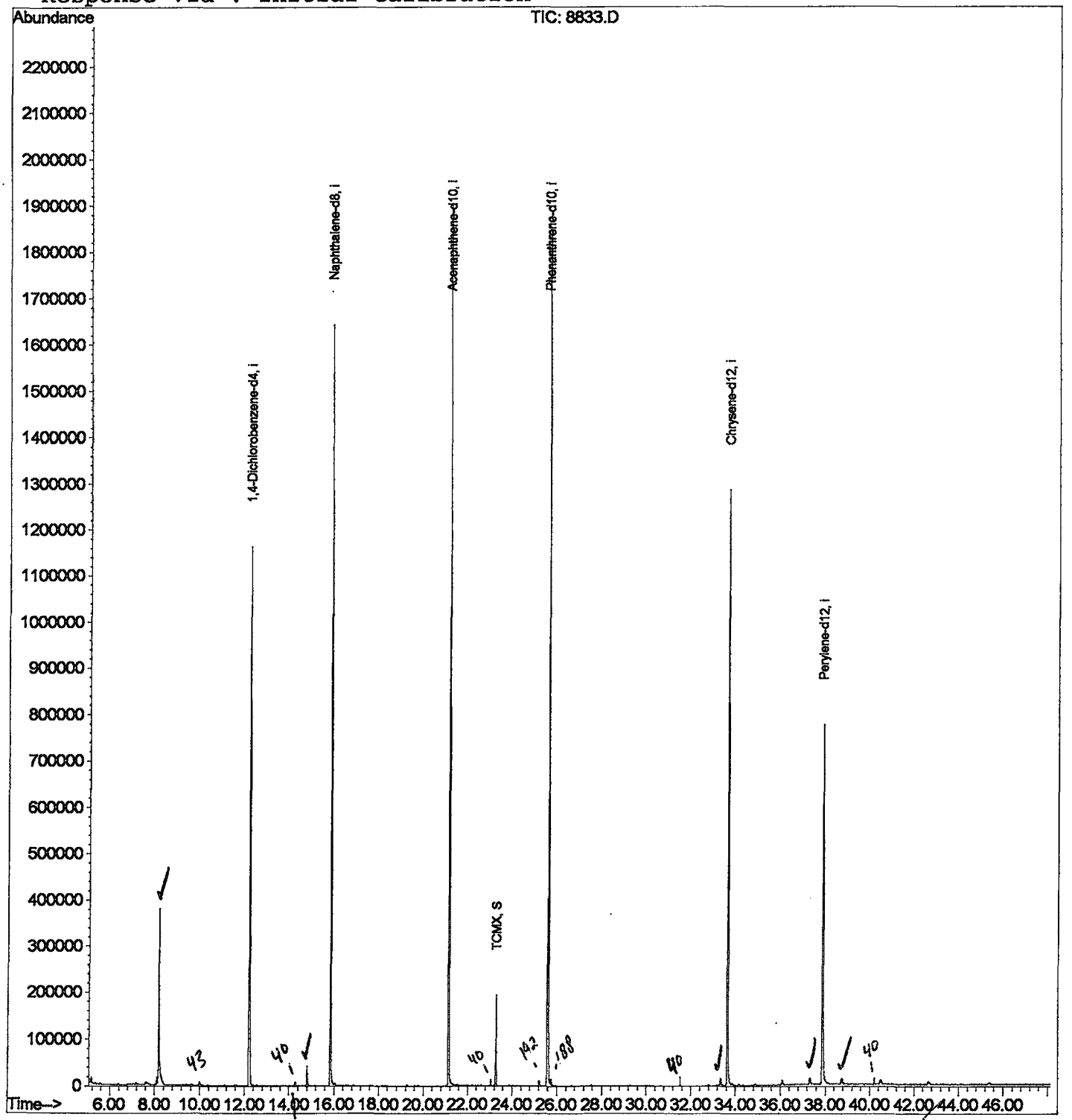
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.66	178	751	N.D.	
35)	Anthracene	25.78	178	359	N.D.	
36)	Di-n-butylphthalate	27.55	149	4830	N.D.	
37)	Fluoranthene	29.28	202	1228	N.D.	
40)	Pyrene	29.96	202	1530	N.D.	
41)	Butylbenzylphthalate	32.08	149	253	N.D.	
42)	Benzo(a)anthracene	33.65	228	2858	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	2758	N.D.	
44)	Chrysene	33.71	228	737	N.D.	
46)	Di-n-Octylphthalate	35.60	149	663	N.D.	
47)	Benzo(b)fluoranthene	36.70	252	879	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	923	N.D.	
49)	Benzo(a)pyrene	37.68	252	180	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:41 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

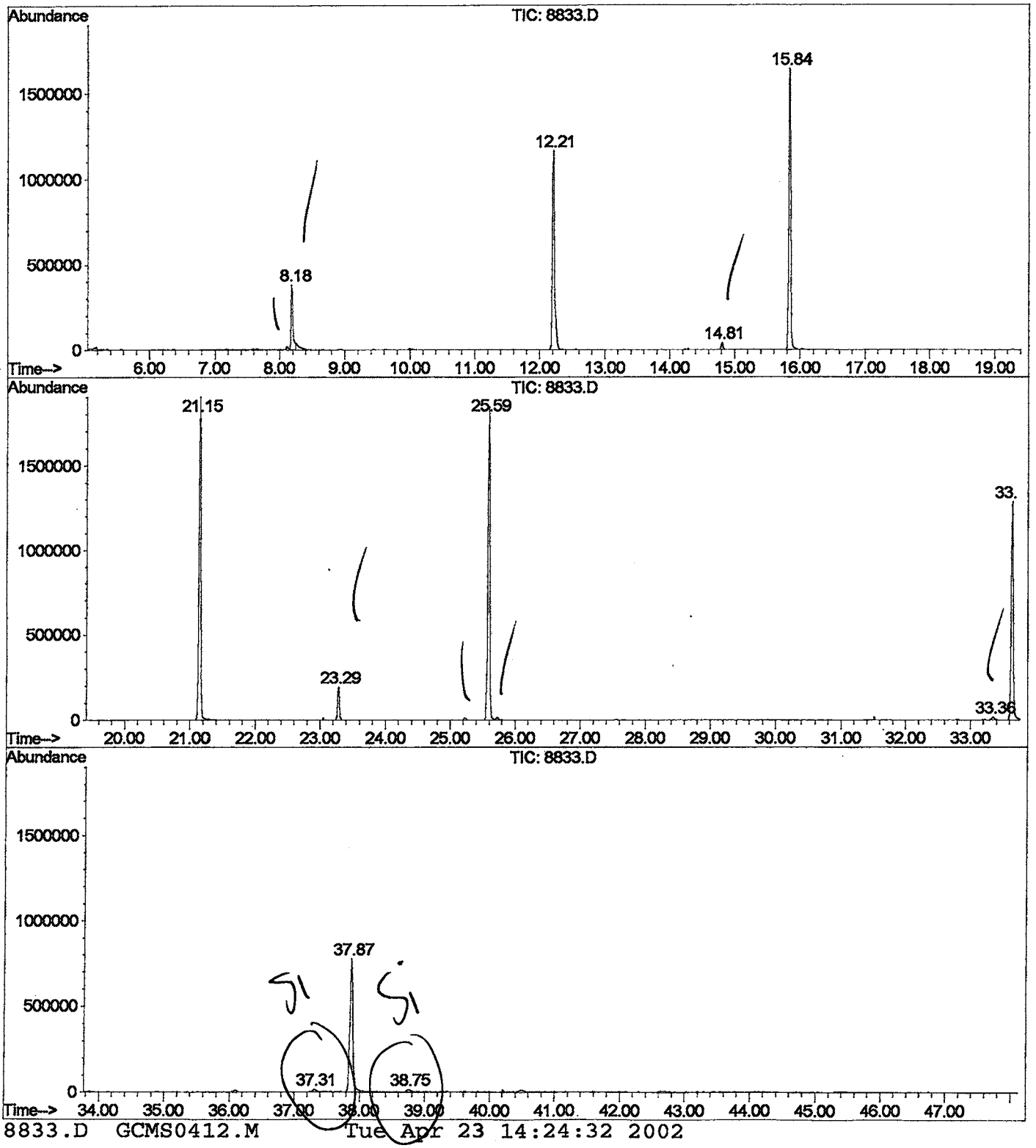
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.184	339	342	349	rBV	376698	768701	19.70%	3.745%
2	12.214	775	781	798	rBV	1162994	2700771	69.21%	13.157%
3	14.812	1059	1064	1071	rVB	42099	76482	1.96%	0.373%
4	15.840	1171	1176	1191	rBV	1641558	3439765	88.15%	16.757%
5	21.146	1748	1754	1765	rBV	1904565	3902127	100.00%	19.009%
6	23.285	1977	1987	1996	rVB	194027	374926	9.61%	1.826%
7	25.589	2231	2238	2249	rBV2	1843949	3816145	97.80%	18.590%
8	33.356	3074	3084	3091	rBV2	16572	55860	1.43%	0.272%
9	33.650	3108	3116	3136	rBV2	1285034	2993949	76.73%	14.585%
10	37.313	3510	3515	3524	rVB2	12943	40501	1.04%	0.197%
11	37.873	3567	3576	3592	rBV2	773286	2312240	59.26%	11.264%
12	38.754	3665	3672	3683	rVB3	11836	46162	1.18%	0.225%

Sum of corrected areas: 20527629

8833.D GCMS0412.M Tue Apr 23 14:24:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8833.D
Operator :
Acquired : 23 Apr 2002 8:28 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/12
Misc Info :
Vial Number: 25
Quant File :GCMS0412.RES (RTE Integrator)



8833.D GCMS0412.M Tue Apr 23 14:24:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

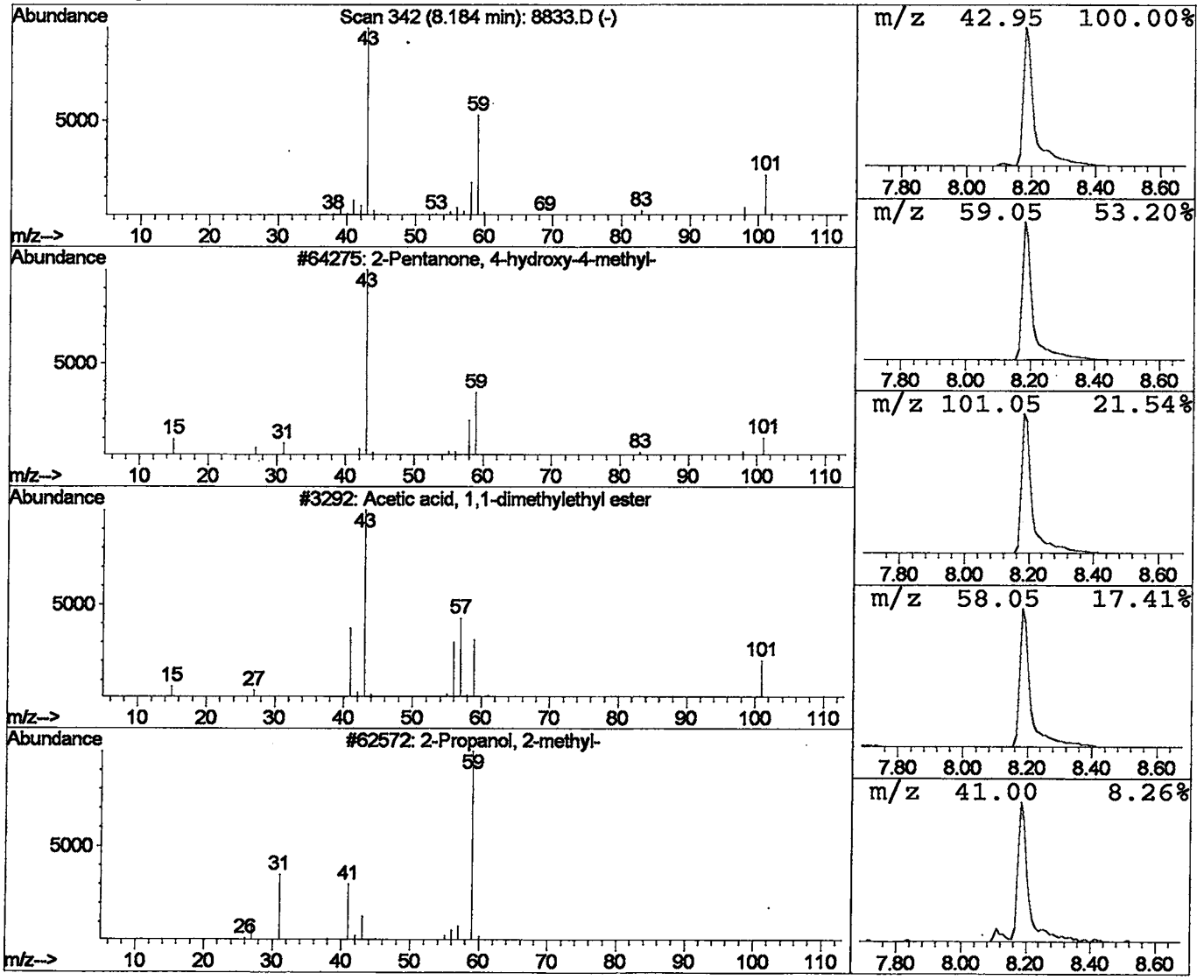
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	5.69 ug/l	768701	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	Acetone	58	C3H6O	000067-64-1	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

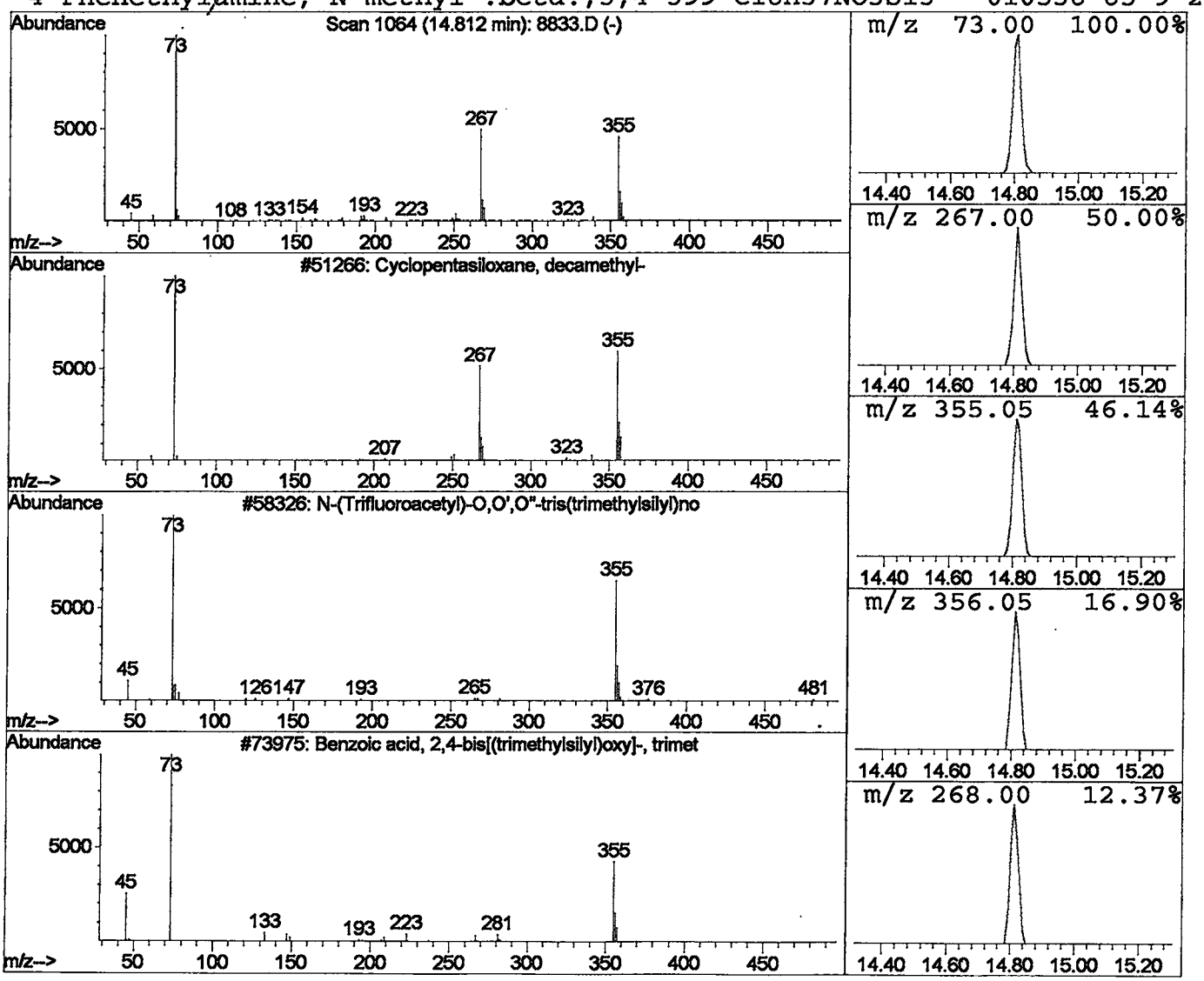
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.44 ug/l	76482	Naphthalene-d8	15.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	28
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

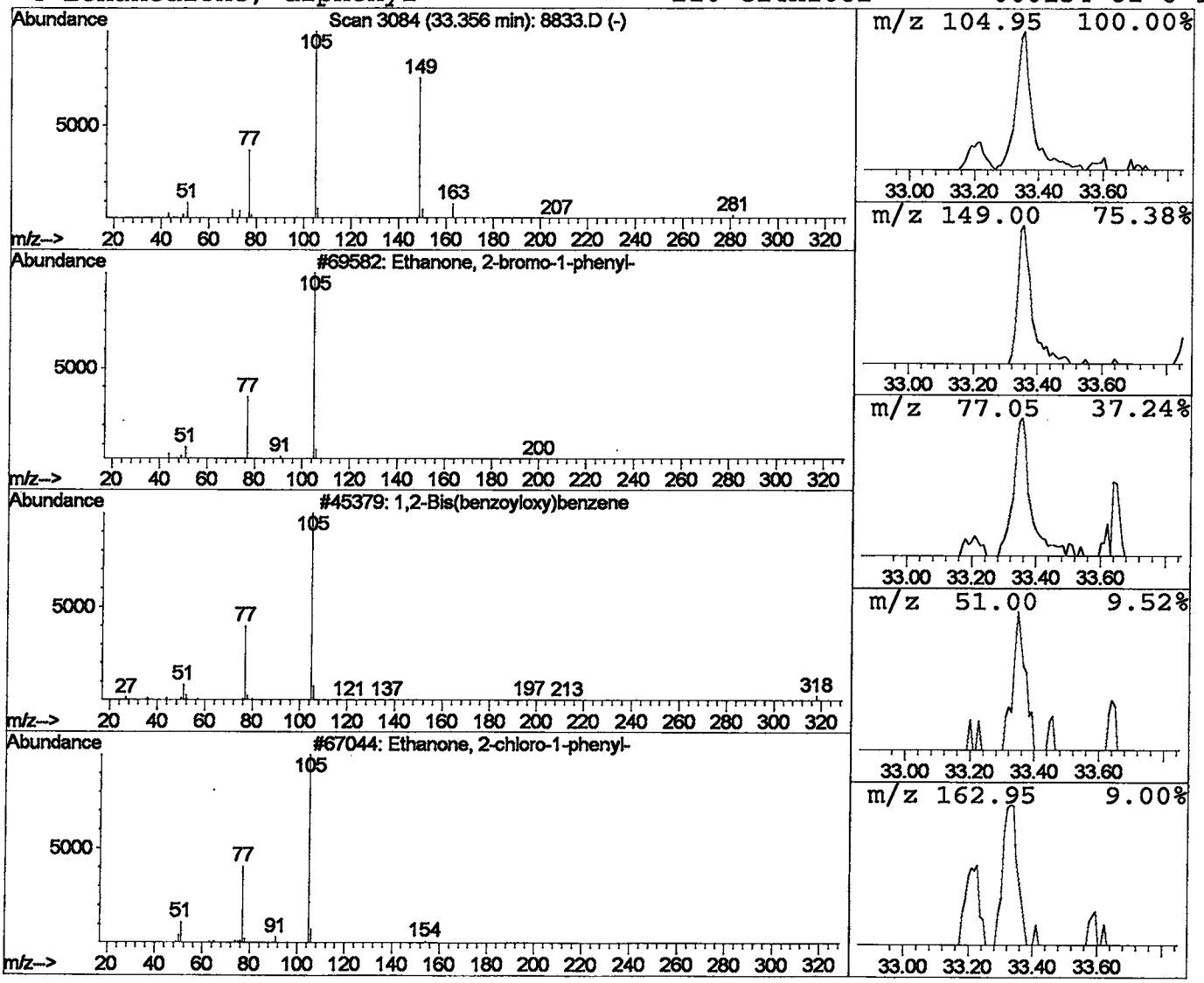
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Ethanone, 2-bromo-1-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.36	0.37 ug/l	55860	Chrysene-d12	33.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-bromo-1-phenyl-	198	C8H7BrO	000070-11-1	10
2	1,2-Bis(benzoyloxy)benzene	318	C20H14O4	000643-94-7	10
3	Ethanone, 2-chloro-1-phenyl-	154	C8H7ClO	000532-27-4	9
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

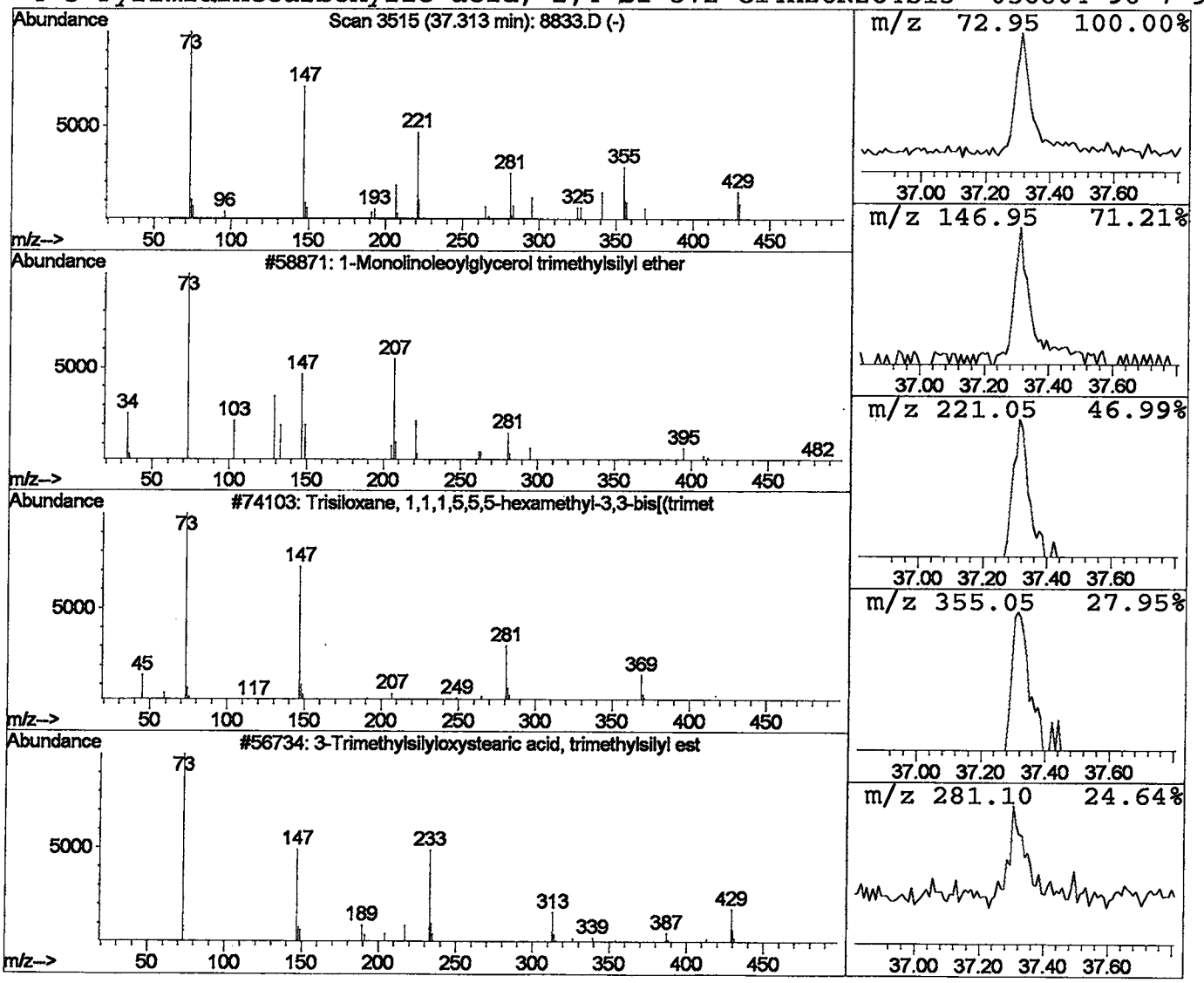
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Monolinoleoylglycerol trimet Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	0.35 ug/l	40501	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10
4	5-Pyrimidinecarboxylic acid, 2,4-bi	372	C14H28N2O4Si3	056804-96-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8833.D Vial: 25
Acq On : 23 Apr 2002 8:28 am Operator:
Sample : gc/ms scan 4/12 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

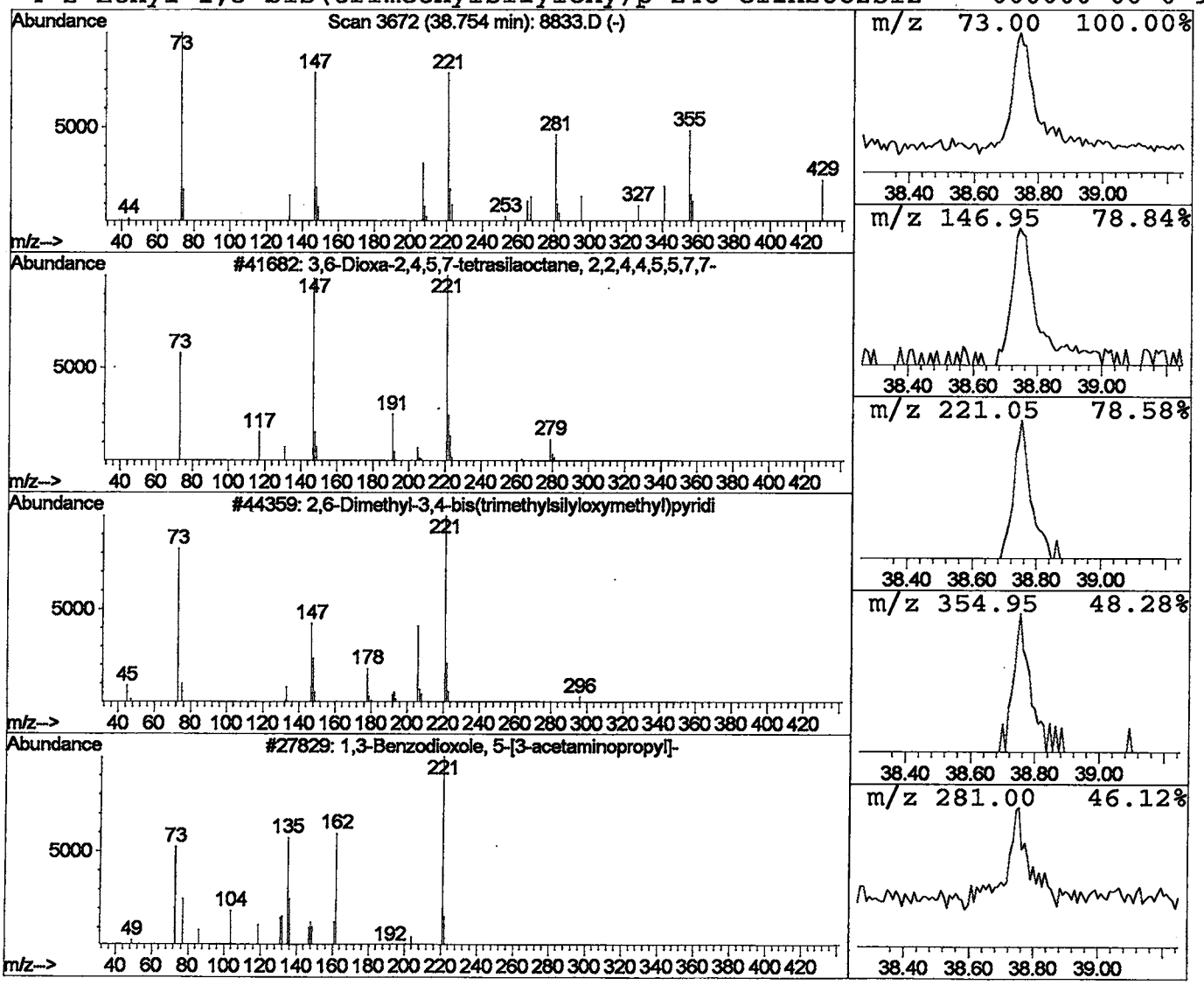
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	0.40 ug/l	46162	Perylene-d12	37.87

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	10
3	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	9
4	2-Ethyl-1,3-bis(trimethylsilyloxy)p	248	C11H28O2Si2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 8:28 am
Data File: C:\HPCHEM\1\DATA\APR2202\8833.D
Name: gc/ms scan 4/12
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
2-Pentanone, 4-hydro	8.18	5.7	ug/l	768701	ISTD01	12.21	2700770	20.0
Cyclopentasiloxane,	14.81	0.4	ug/l	76482	ISTD02	15.85	3439770	20.0
Ethanone, 2-bromo-1-	33.36	0.4	ug/l	55860	ISTD05	33.65	2993950	20.0
1-Monolinoleoylglyce	37.31	0.4	ug/l	40501	ISTD06	37.87	2312240	20.0
3,6-Dioxa-2,4,5,7-te	38.75	0.4	ug/l	46162	ISTD06	37.87	2312240	20.0

8833.D GCMS0412.M Tue Apr 23 14:24:37 2002