User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/22/2002 Time: 12:03:31

Sample: AE05749
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/22/02 11:53 Ended: 4/22/02 11:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		10.0

Comments for Sample AE05749 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-22-2002 Time: 12:03:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 3 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 4:46 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	499345	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1849633	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1033907	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1467581	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	733977	20.00	ug/l	-0.16
44) Perylene-d12	37.93	264	398880	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	71934	4.89	ug/mL	0.21
Spiked Amount 5.000			Recovery = 97.80%			
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	15.93	128	417	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	22.67	149	1102	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\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 4:46 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

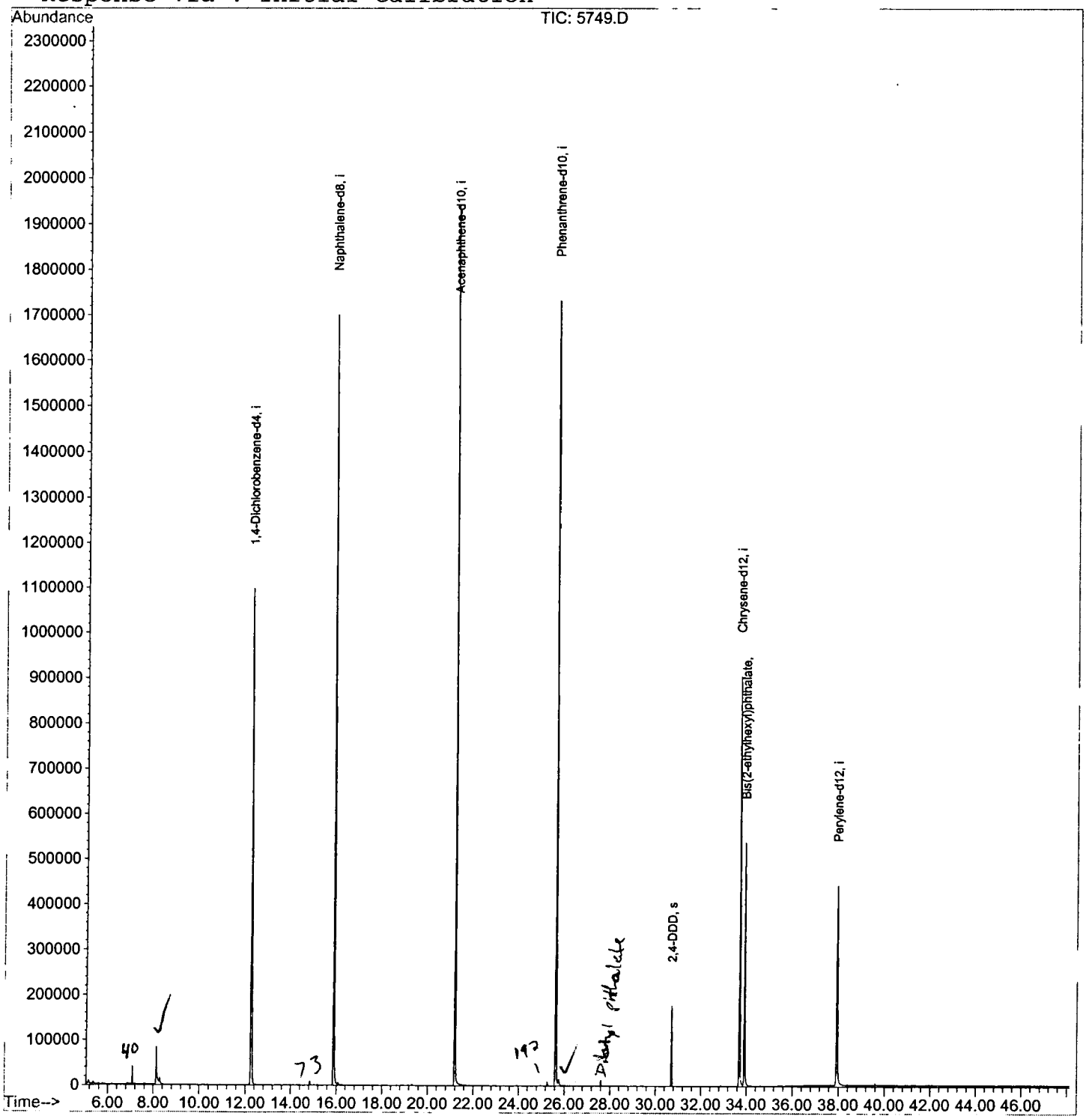
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	365	N.D.	
34)	Anthracene	25.70	178	212	N.D.	
35)	Di-n-butylphthalate	27.60	149	14197	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.69	228	1717	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	356893	12.16 ug/l	95
43)	Chrysene	33.69	228	1717	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	560	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	434	N.D.	
48)	Benzo(a)pyrene	37.74	252	381	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\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 3 4:46 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

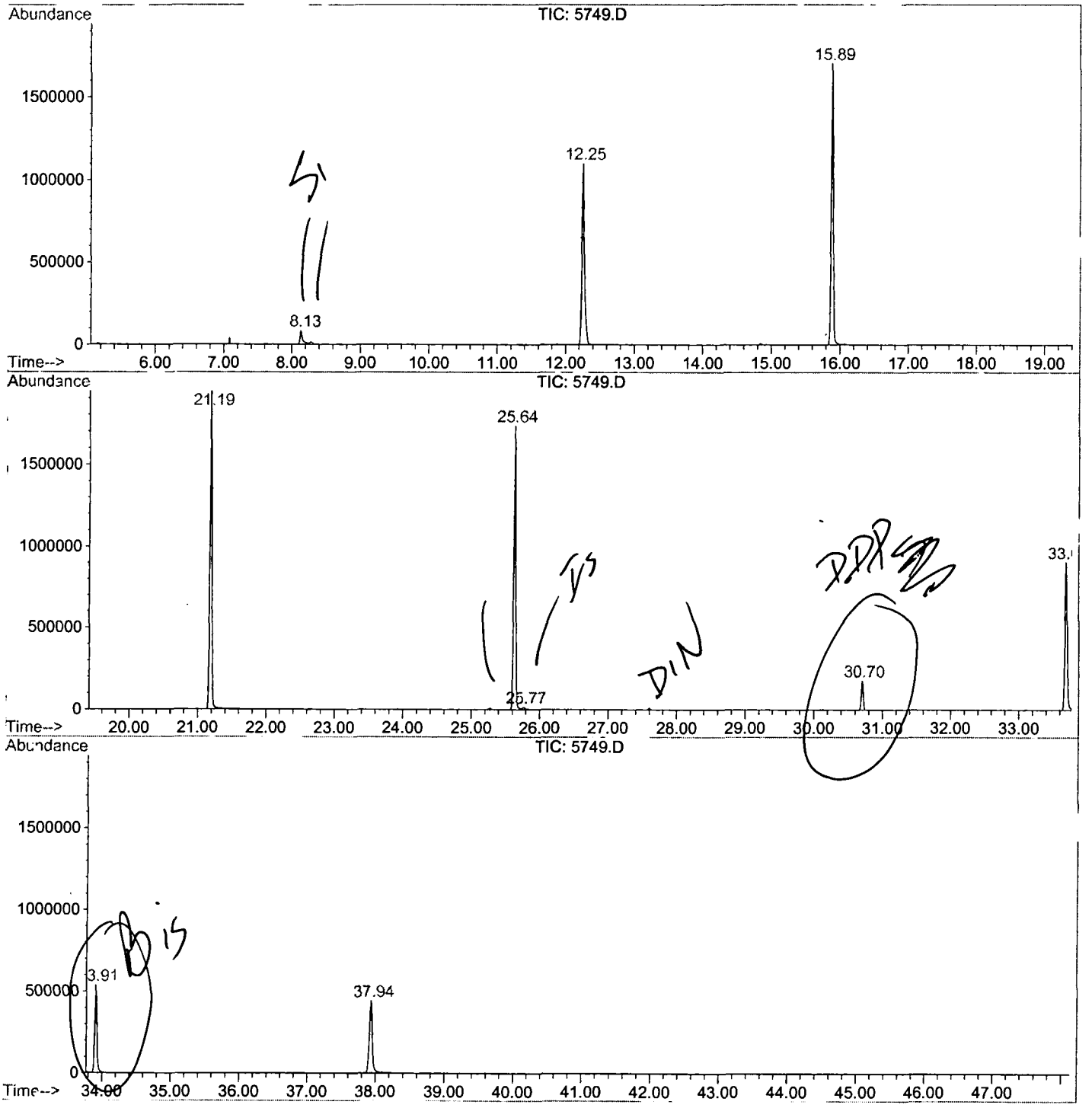
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.128	332	336	350	rBV	82875	222831	5.62%	1.171%
2	12.250	779	785	802	rVB	1096225	2699151	68.09%	14.183%
3	15.886	1175	1181	1198	rBV	1699913	3501811	88.33%	18.401%
4	21.192	1752	1759	1774	rBV	1942599	3964262	100.00%	20.831%
5	25.635	2236	2243	2254	rBV	1732093	3653950	92.17%	19.200%
6	25.773	2254	2258	2268	rVB2	13667	40434	1.02%	0.212%
7	30.703	2790	2795	2802	rVB	177714	351603	8.87%	1.848%
8	33.686	3113	3120	3132	rBV2	905460	2110411	53.24%	11.089%
9	33.907	3139	3144	3160	rVB	536000	1134642	28.62%	5.962%
10	37.937	3574	3583	3599	rBV2	440470	1351753	34.10%	7.103%

Sum of corrected areas: 19030848

5749.D GCMS0403.M Fri Apr 05 10:40:55 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5749.D
Operator :
Acquired : 3 Apr 2002 3:58 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 28
Quant File :GCMS0308.RES (RTE Integrator)



5749.D GCMS0403.M Fri Apr 05 10:41:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

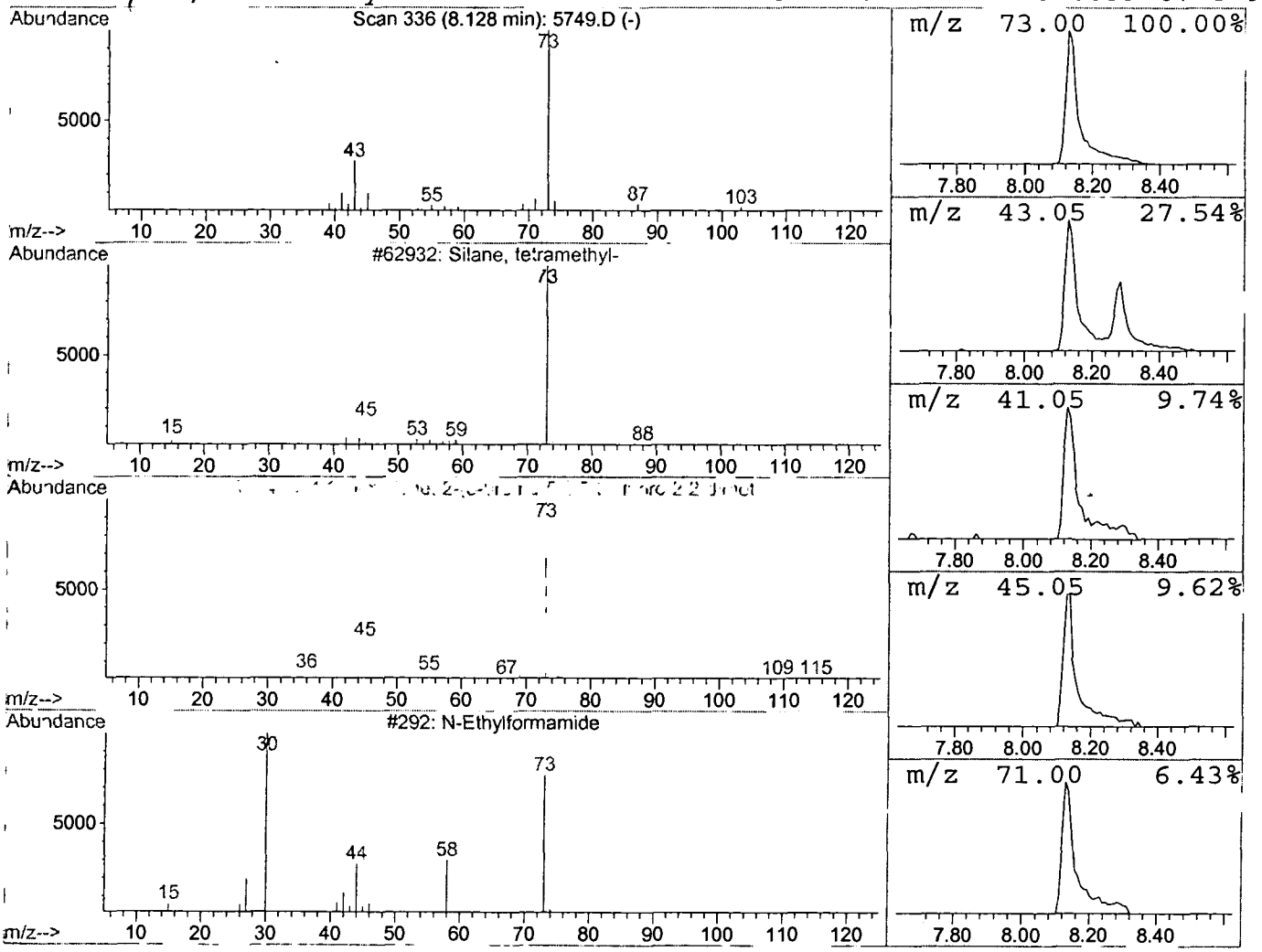
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.65 ug/l	222831	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5749.D Vial: 28
Acq On : 3 Apr 2002 3:58 am Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

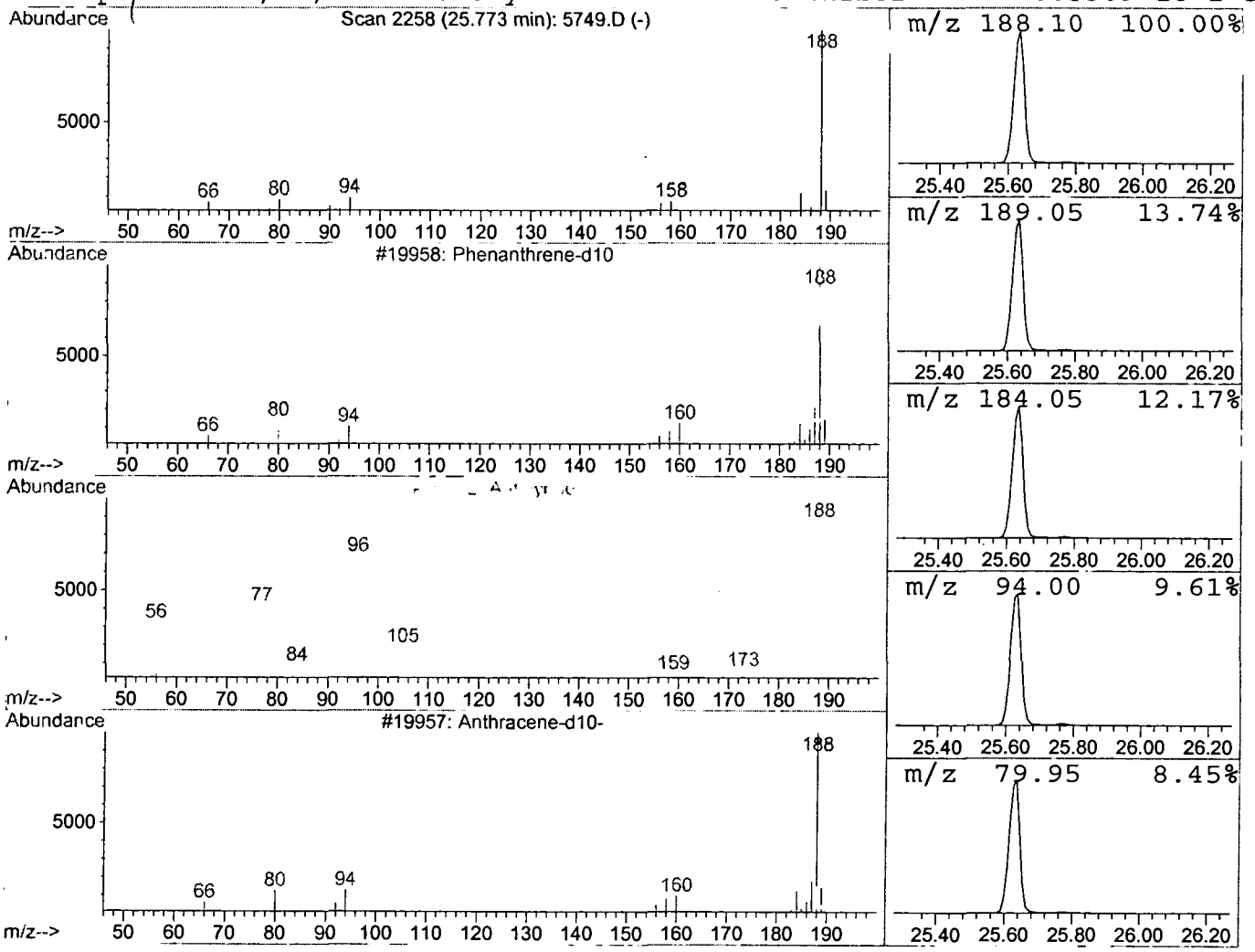
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	0.22 ug/l	40434	Phenanthrene-d10	25.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Antipyrine	188	C11H12N2O	000060-80-0	42
3	Anthracene-d10-	188	C14D10	001719-06-8	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Apr 2002 3:58 am
Data File: C:\HPCHEM\1\DATA\APR0102\5749.D
Name: gc/ms scan 3/12
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
Silane, tetramethyl-	8.13	1.7	ug/l	222831	ISTD01	12.25	2699150	20.0
Phenanthrene-d10	25.77	0.2	ug/l	40434	ISTD04	25.64	3653950	20.0

5749.D GCMS0403.M Fri Apr 05 10:41:13 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:01 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

re-analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	500588	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1816226	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1019245	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1477132	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	942476	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	608578	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	35407	6.93	ug/L	-0.05
Spiked Amount 10.000			Recovery = 69.30%			
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	13.42	77	140	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	15.89	128	1103	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	22.62	149	1245	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	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:01 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

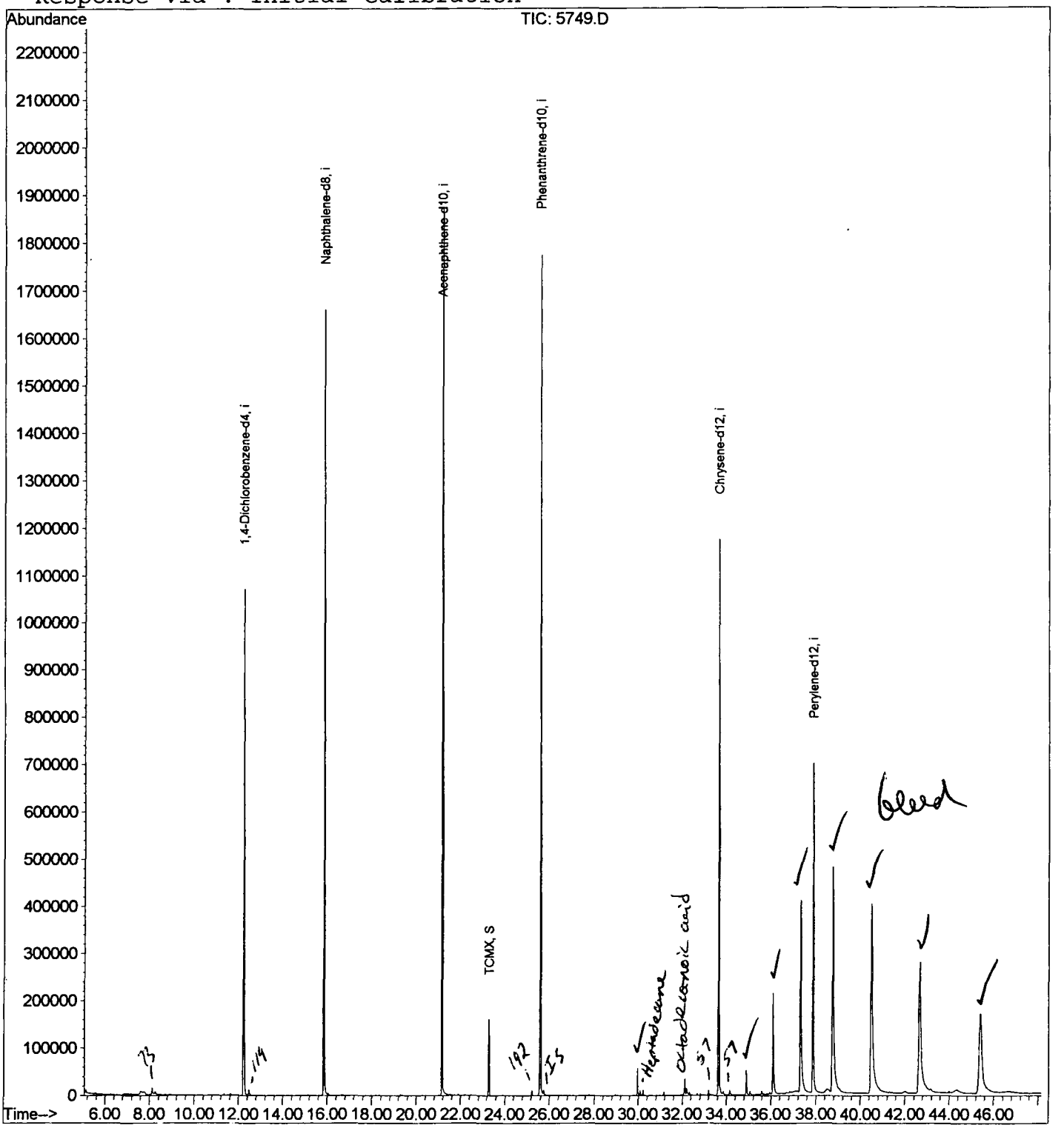
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.65	178	684	N.D.	
35)	Anthracene	25.78	178	102	N.D.	
36)	Di-n-butylphthalate	27.55	149	1472	N.D.	
37)	Fluoranthene	29.28	202	304	N.D.	
40)	Pyrene	29.95	202	436	N.D.	
41)	Butylbenzylphthalate	32.08	149	891	N.D.	
42)	Benzo(a)anthracene	33.58	228	1451	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	3706	N.D.	
44)	Chrysene	33.71	228	2490	N.D.	
46)	Di-n-Octylphthalate	35.59	149	8125	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	2412	N.D.	
48)	Benzo(k)fluoranthene	36.76	252	2431	N.D.	
49)	Benzo(a)pyrene	37.68	252	1598	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	d
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	d
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	d

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 18 14:01 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\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 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

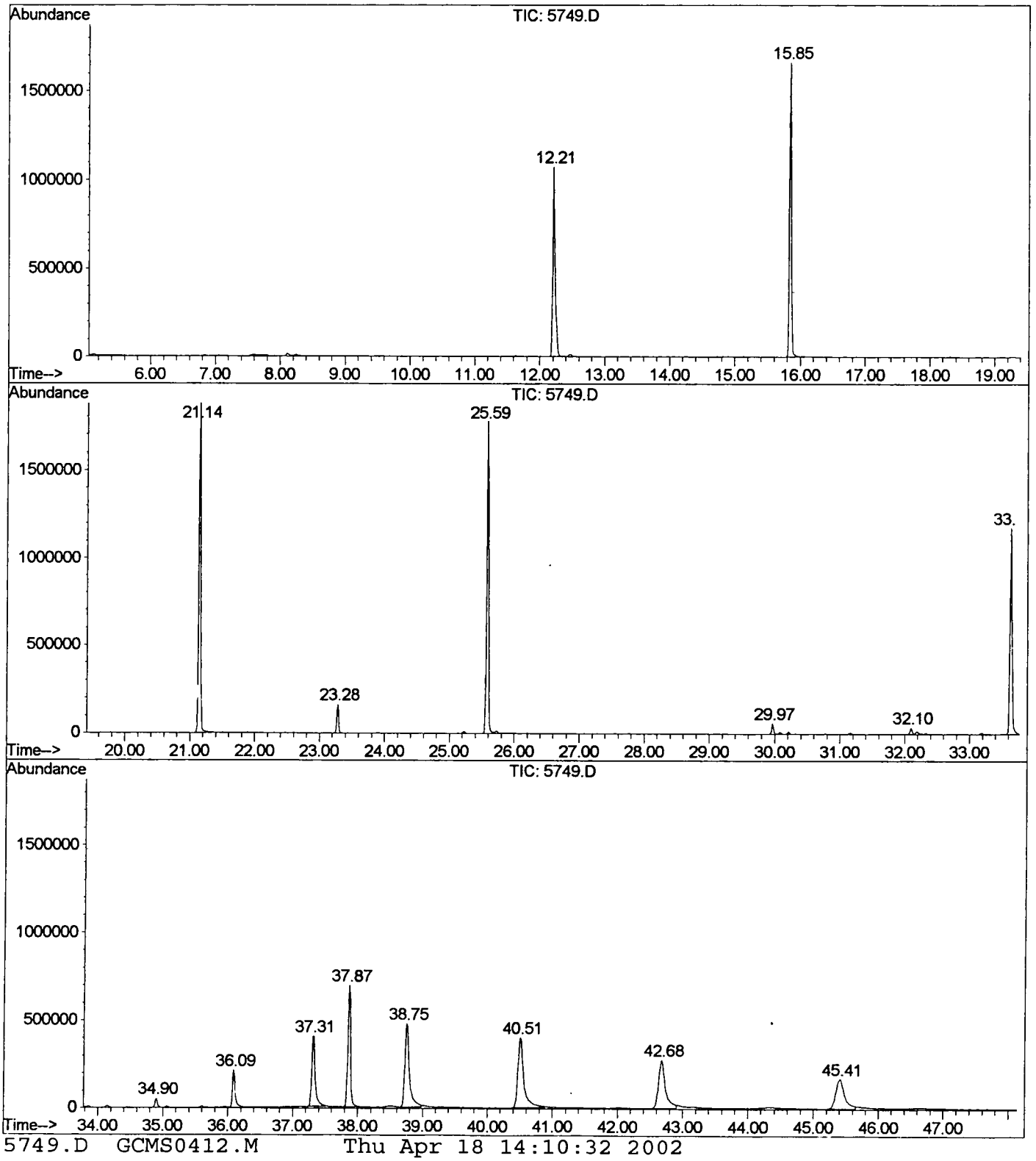
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.212	775	781	799	rBV	1070582	2669947	69.79%	9.060%
2	15.847	1171	1177	1194	rBV	1659839	3408633	89.10%	11.567%
3	21.144	1748	1754	1766	rBV	1874365	3825667	100.00%	12.982%
4	23.283	1979	1987	1994	rBV	160506	312870	8.18%	1.062%
5	25.587	2231	2238	2249	rBV2	1774590	3684649	96.31%	12.503%
6	29.966	2710	2715	2722	rBV	57382	105331	2.75%	0.357%
7	32.096	2942	2947	2953	rBV2	33124	71886	1.88%	0.244%
8	33.639	3107	3115	3128	rBV2	1176244	2741535	71.66%	9.303%
9	34.896	3246	3252	3261	rBV2	51828	123487	3.23%	0.419%
10	36.090	3374	3382	3401	rBV	212176	612127	16.00%	2.077%
11	37.311	3507	3515	3537	rBV	402625	1496567	39.12%	5.078%
12	37.871	3568	3576	3600	rBV2	694982	2044953	53.45%	6.939%
13	38.752	3662	3672	3697	rBV	476336	2289673	59.85%	7.770%
14	40.505	3850	3863	3905	rBV2	398977	2489178	65.07%	8.447%
15	42.681	4082	4100	4124	rBV2	275702	2033038	53.14%	6.899%
16	45.408	4376	4397	4423	rBV4	168302	1560084	40.78%	5.294%

Sum of corrected areas: 29469625

5749.D GCMS0412.M Thu Apr 18 14:10:31 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1702\5749.D
Operator :
Acquired : 18 Apr 2002 1:47 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/8
Misc Info :
Vial Number: 19
Quant File :GCMS0412.RES (RTE Integrator)



5749.D GCMS0412.M Thu Apr 18 14:10:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

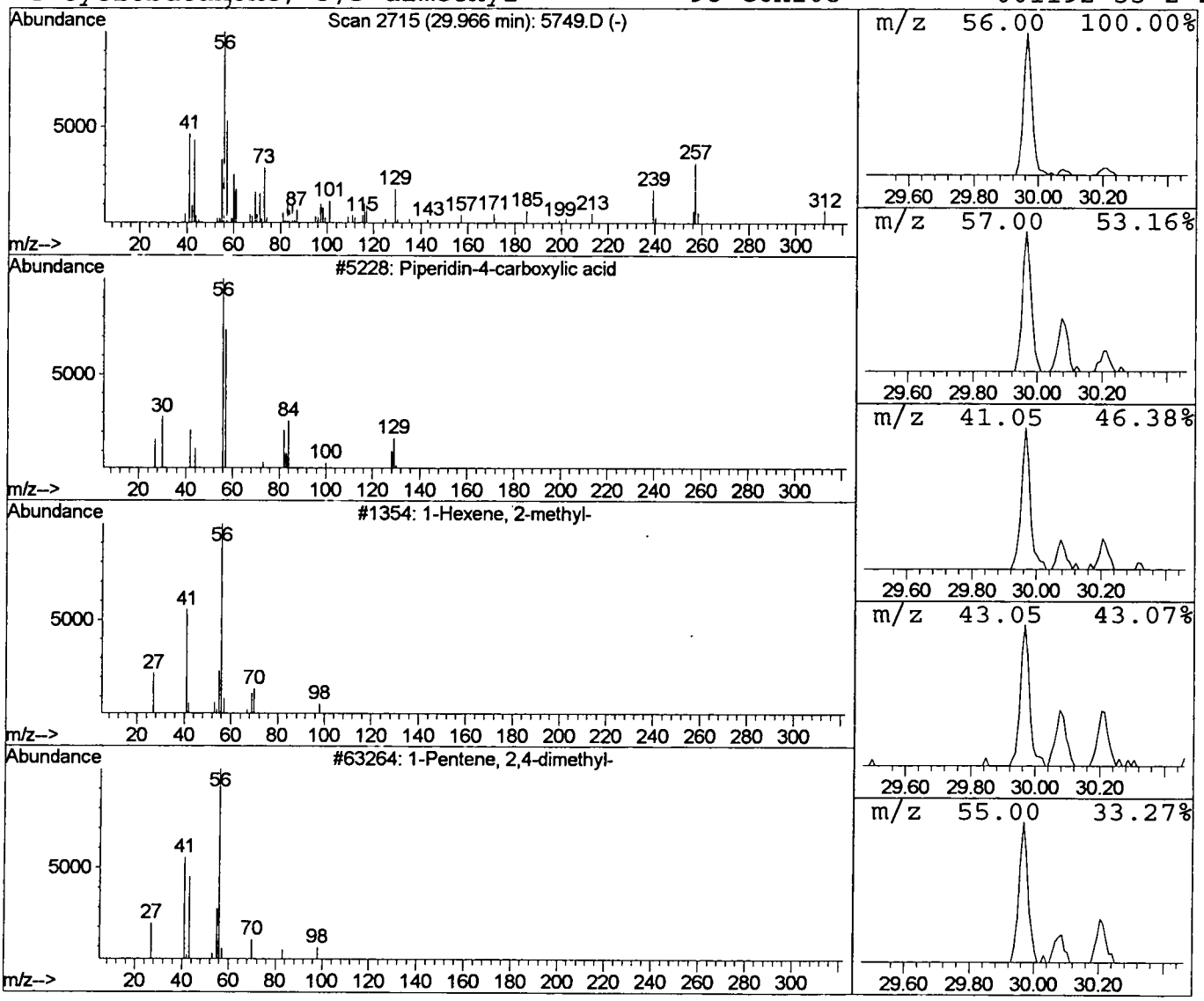
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Piperidin-4-carboxylic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	0.77 ug/l	105331	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	35
2	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
3	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
4	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1702\5749.D Vial: 19
Acq On : 18 Apr 2002 1:47 am Operator:
Sample : gc/ms scan 4/8 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

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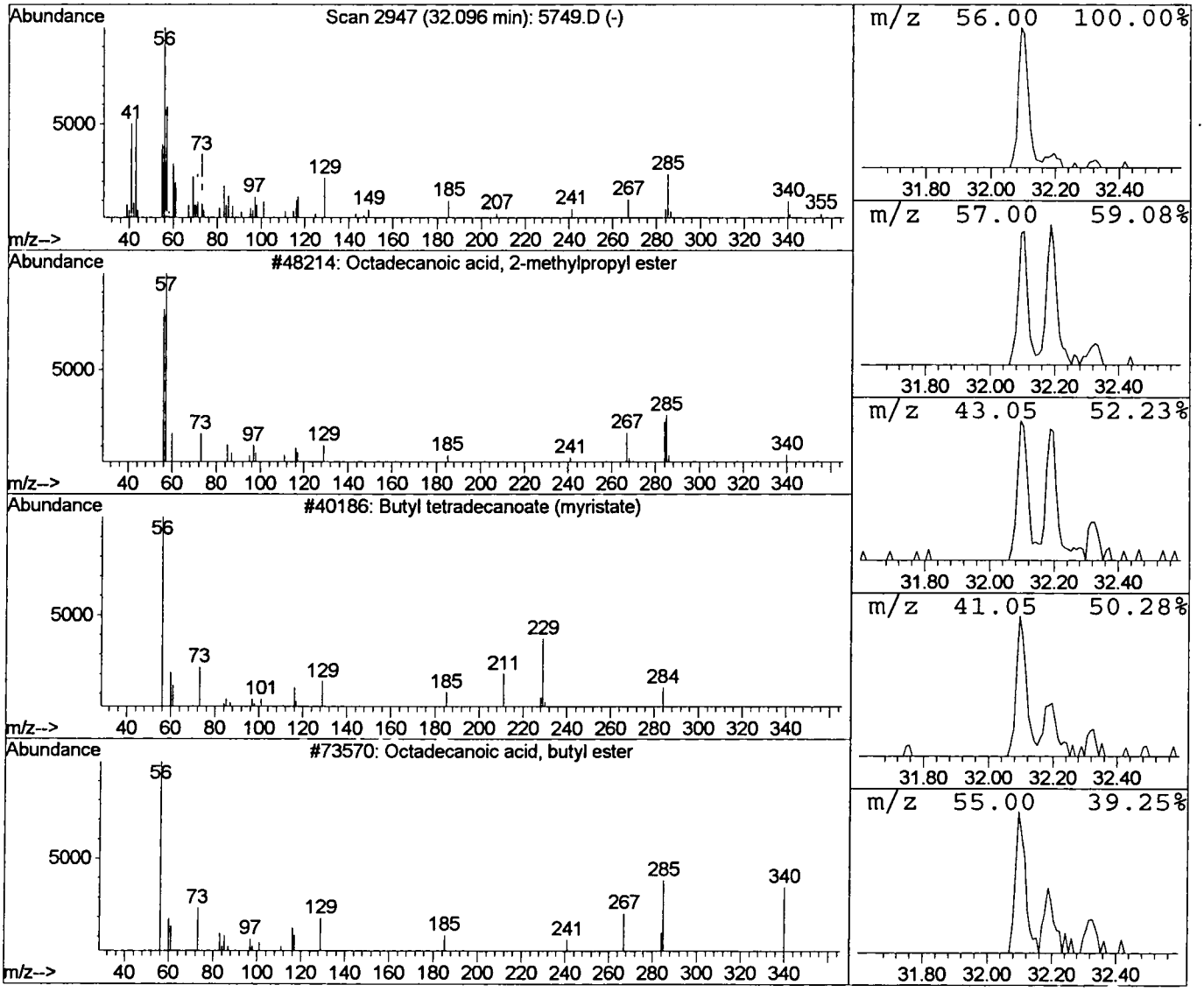
Peak Number 2 Octadecanoic acid, 2-methylpro Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.10	0.52 ug/l	71886	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropyl e	340	C22H44O2	000646-13-9	93
2	Butyl tetradecanoate (myristate)	284	C18H36O2	000000-00-0	64
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	58
4	Docosanoic acid	340	C22H44O2	000112-85-6	38



Library Search Compound Report

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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

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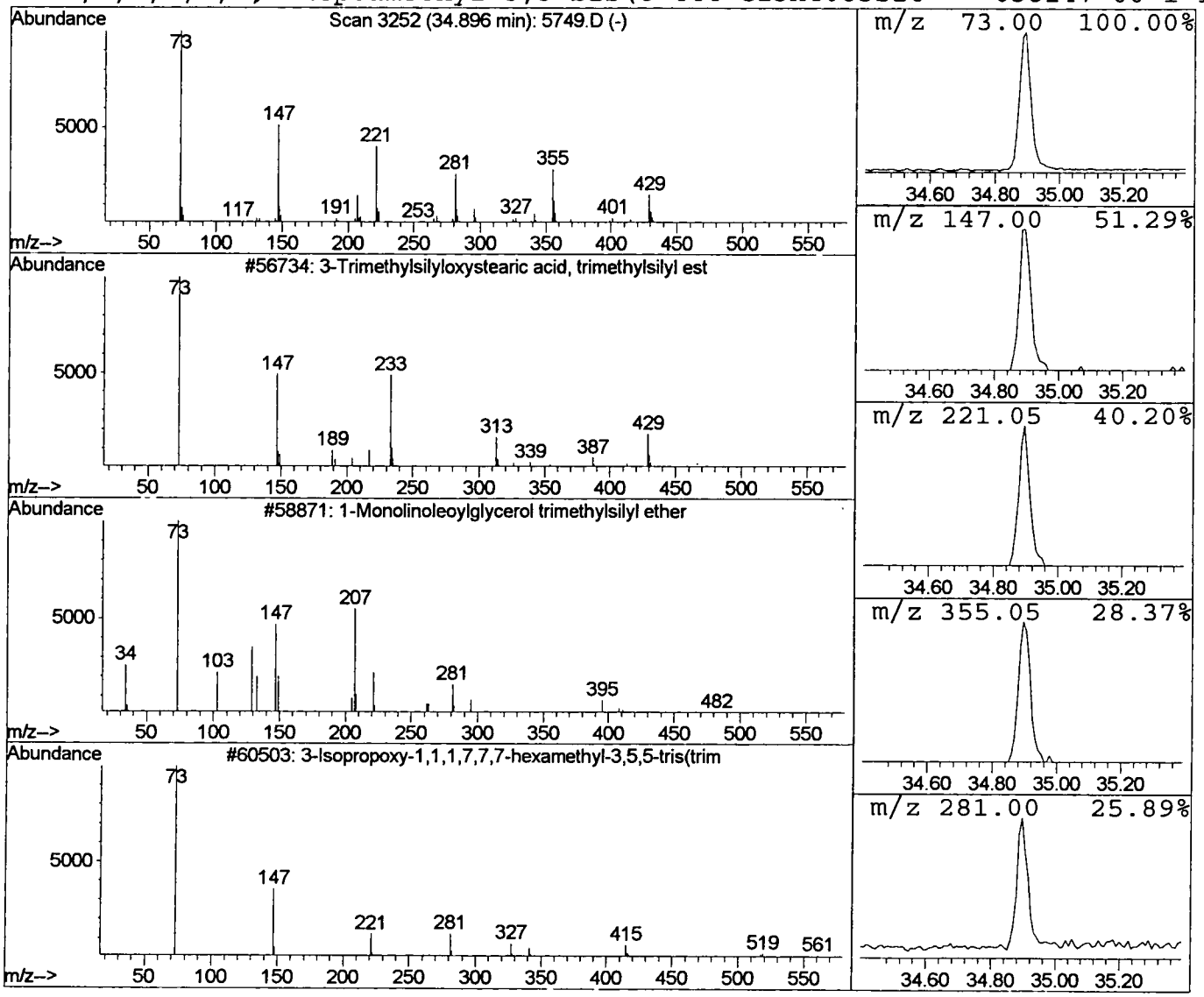
Peak Number 3 3-Trimethylsilyloxystearic aci Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.90	0.90 ug/l	123487	Chrysene-d12	33.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	25
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	20
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12



Library Search Compound Report

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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

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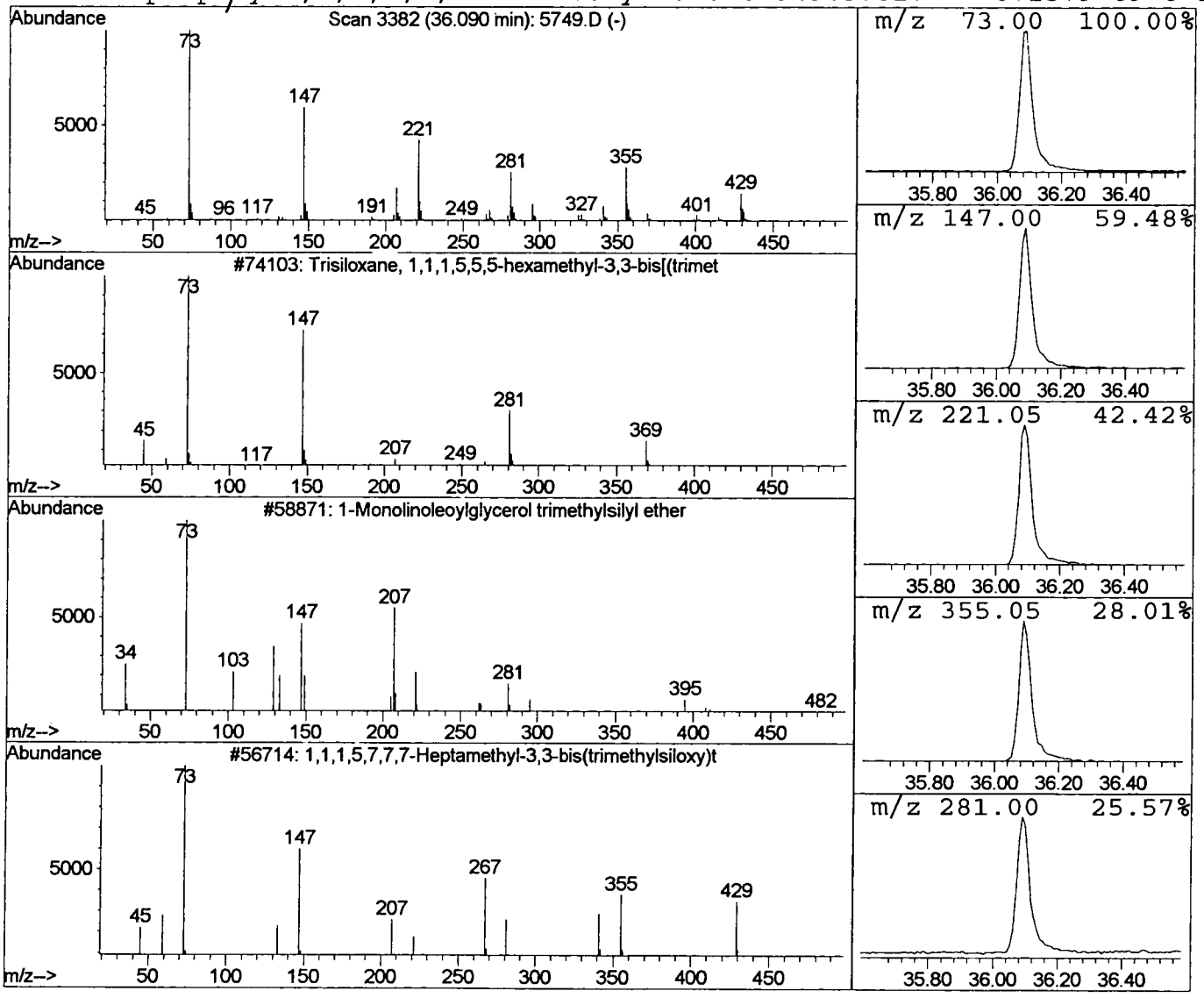
Peak Number 4 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.09	5.99 ug/l	612127	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	23
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	16



Library Search Compound Report

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Acq On : 18 Apr 2002 1:47 am Operator:
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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

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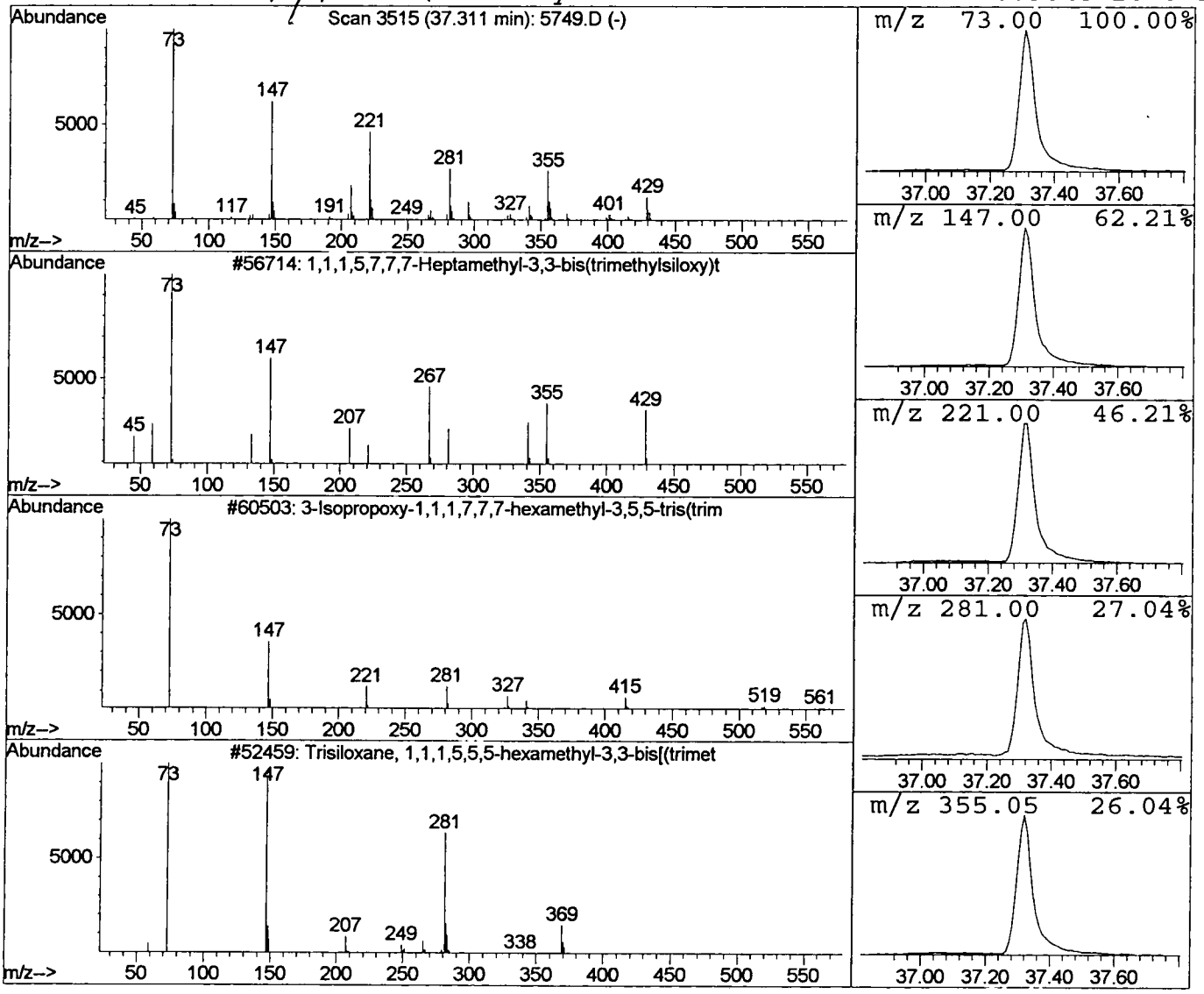
Peak Number 5 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.31	14.64 ug/l	1496570	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	10



Library Search Compound Report

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Sample : gc/ms scan 4/8 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

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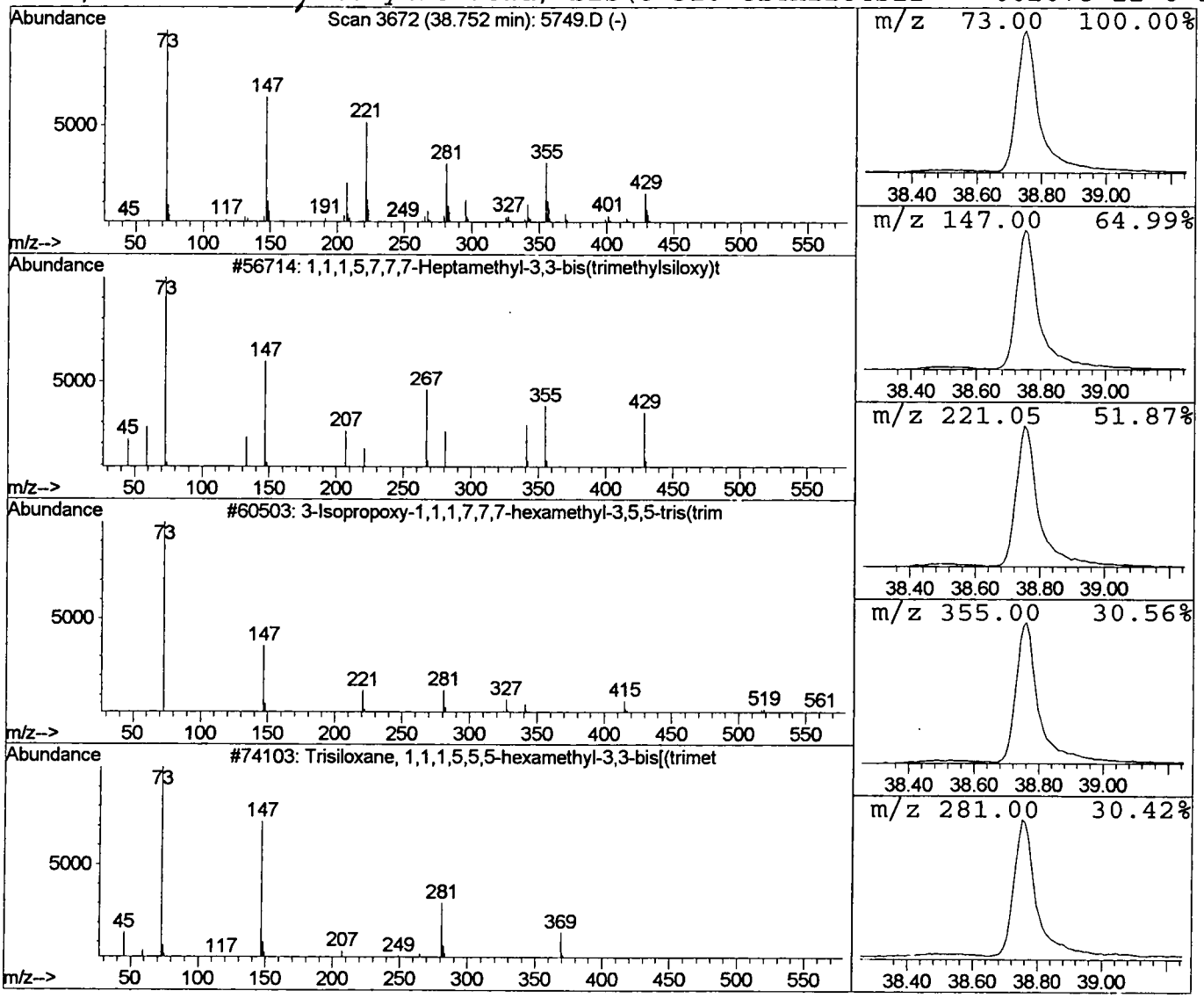
Peak Number 6 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.75	22.39 ug/l	2289670	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	10



Library Search Compound Report

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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

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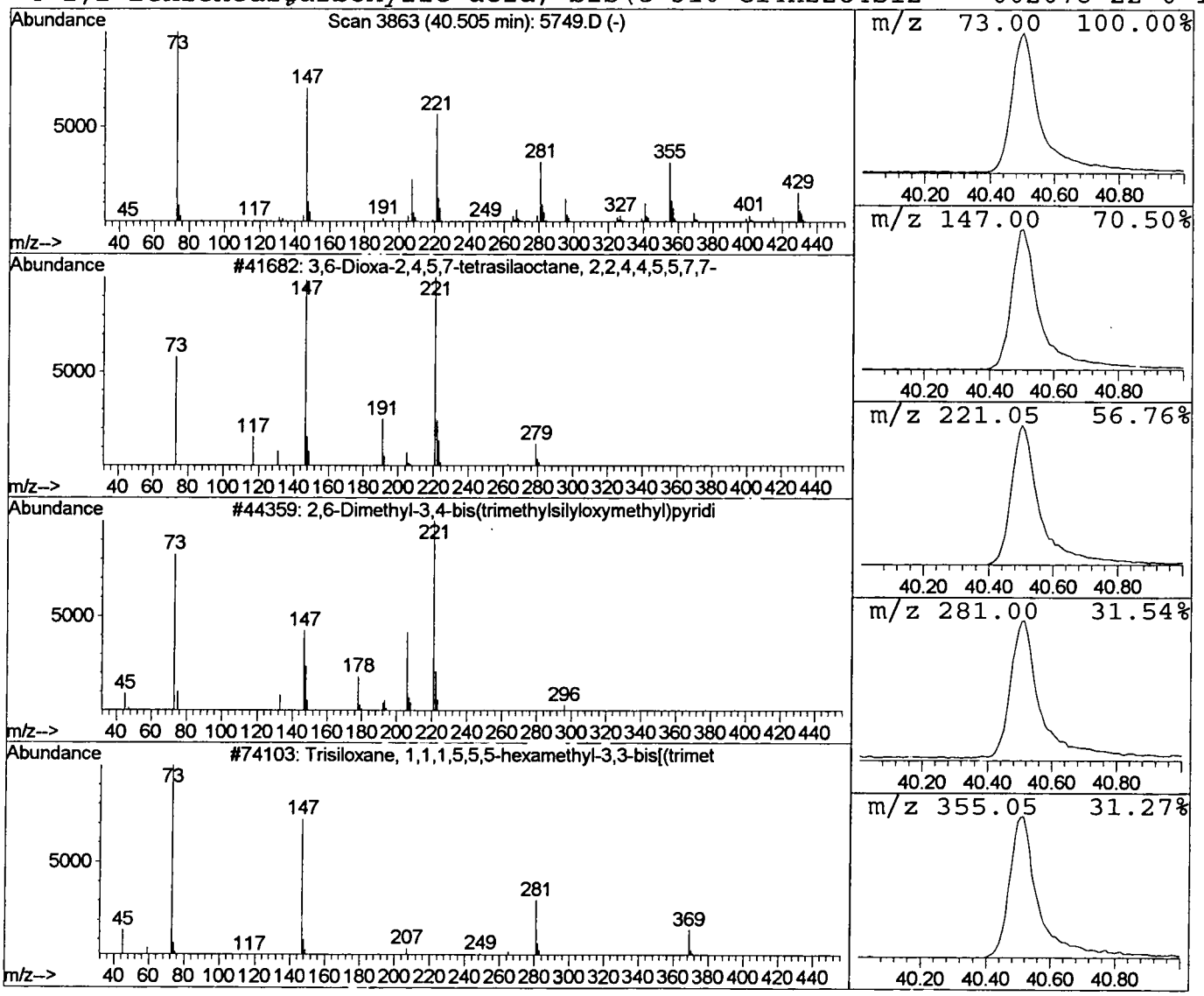
Peak Number 7 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.51	24.34 ug/l	2489180	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	25
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	10



Library Search Compound Report

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Sample : gc/ms scan 4/8 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

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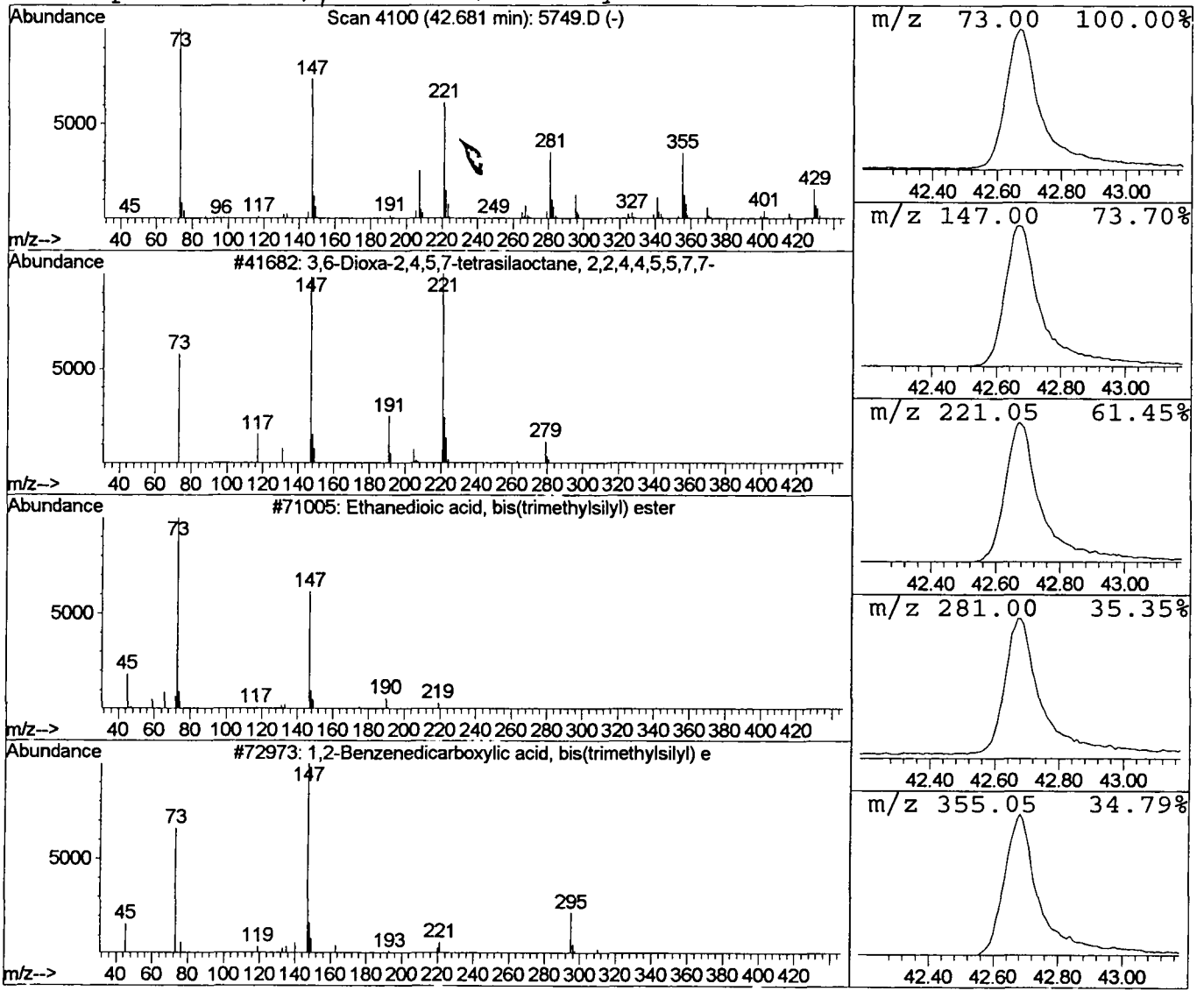
Peak Number 8 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.68	19.88 ug/l	2033040	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	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	27
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	27
4	Propanoic acid, 2-oxo-3-(trimethyls	232	C9H20O3Si2	055887-51-9	27



Library Search Compound Report

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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

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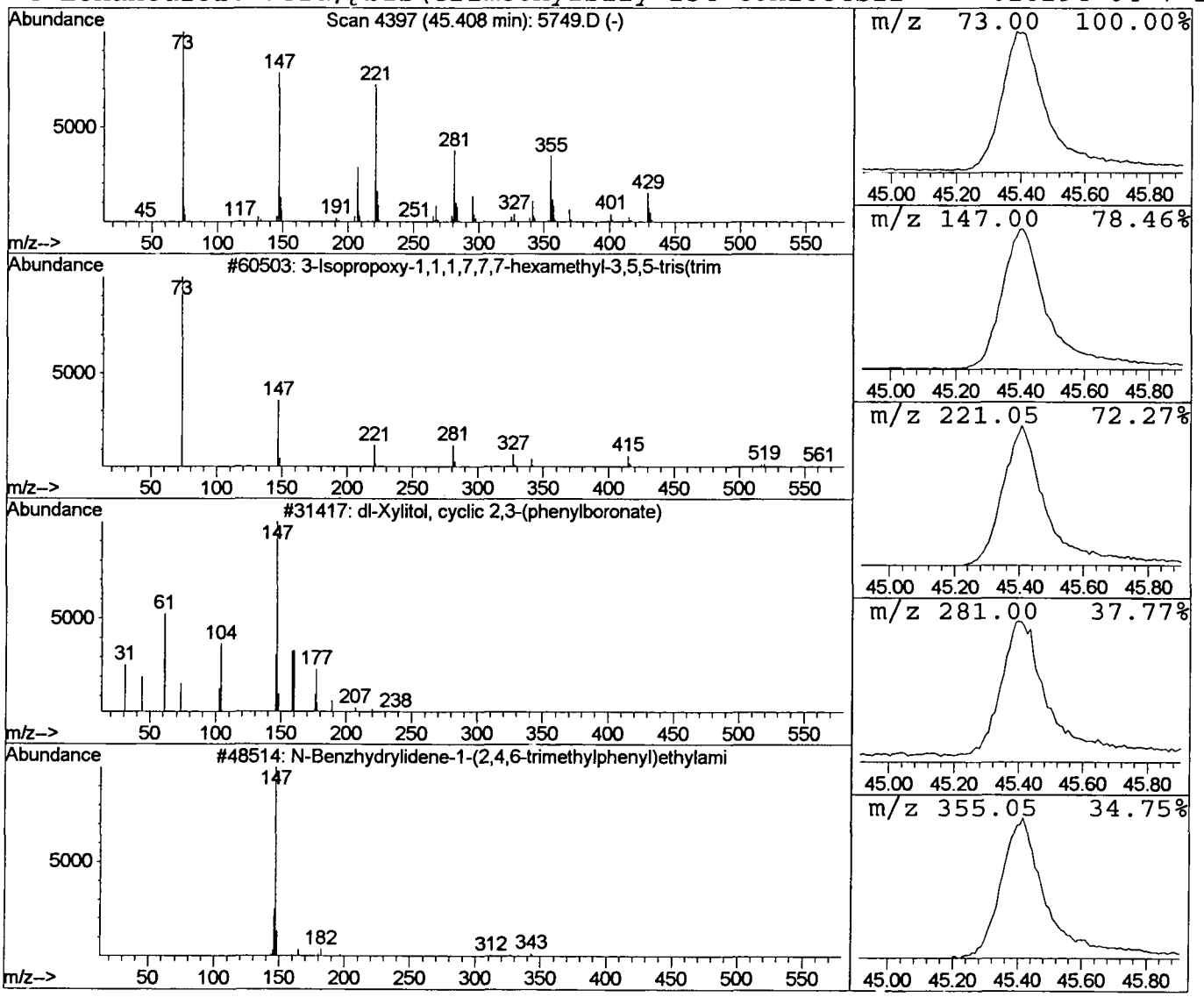
Peak Number 9 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
45.41	15.26 ug/l	1560080	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
2	dl-Xylitol, cyclic 2,3-(phenylboron	238	C11H15BO5	074793-46-7	27
3	N-Benzhydrylidene-1-(2,4,6-trimethy	343	C24H25NO	089839-57-6	27
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 18 Apr 2002 1:47 am
Data File: C:\HPCHEM\1\DATA\APR1702\5749.D
Name: gc/ms scan 4/8
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
Piperidin-4-carboxyl	29.97	0.8	ug/l	105331	ISTD05	33.64	2741540	20.0
Octadecanoic acid, 2	32.10	0.5	ug/l	71886	ISTD05	33.64	2741540	20.0
3-Trimethylsilyloxys	34.90	0.9	ug/l	123487	ISTD05	33.64	2741540	20.0
Trisiloxane, 1,1,1,5	36.09	6.0	ug/l	612127	ISTD06	37.87	2044950	20.0
1,1,1,5,7,7,7-Heptam	37.31	14.6	ug/l	1496570	ISTD06	37.87	2044950	20.0
1,1,1,5,7,7,7-Heptam	38.75	22.4	ug/l	2289670	ISTD06	37.87	2044950	20.0
3,6-Dioxa-2,4,5,7-te	40.51	24.3	ug/l	2489180	ISTD06	37.87	2044950	20.0
3,6-Dioxa-2,4,5,7-te	42.68	19.9	ug/l	2033040	ISTD06	37.87	2044950	20.0
3-Isopropoxy-1,1,1,7	45.41	15.3	ug/l	1560080	ISTD06	37.87	2044950	20.0

5749.D GCMS0412.M Thu Apr 18 14:10:41 2002