User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 11:57:39

Sample: AE10779
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 11:57 Ended: 5/17/02 11:57 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 AE10779 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 11:58:12

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\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 15:38 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	534174	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1932917	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1049024	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1425038	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	868297	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	548660	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	42197	8.09	ug/L	-0.03
Spiked Amount 10.000			Recovery = 80.90%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.38	77	392	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	0.00	128	0	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	22.58	149	2172	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.55	178	329	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

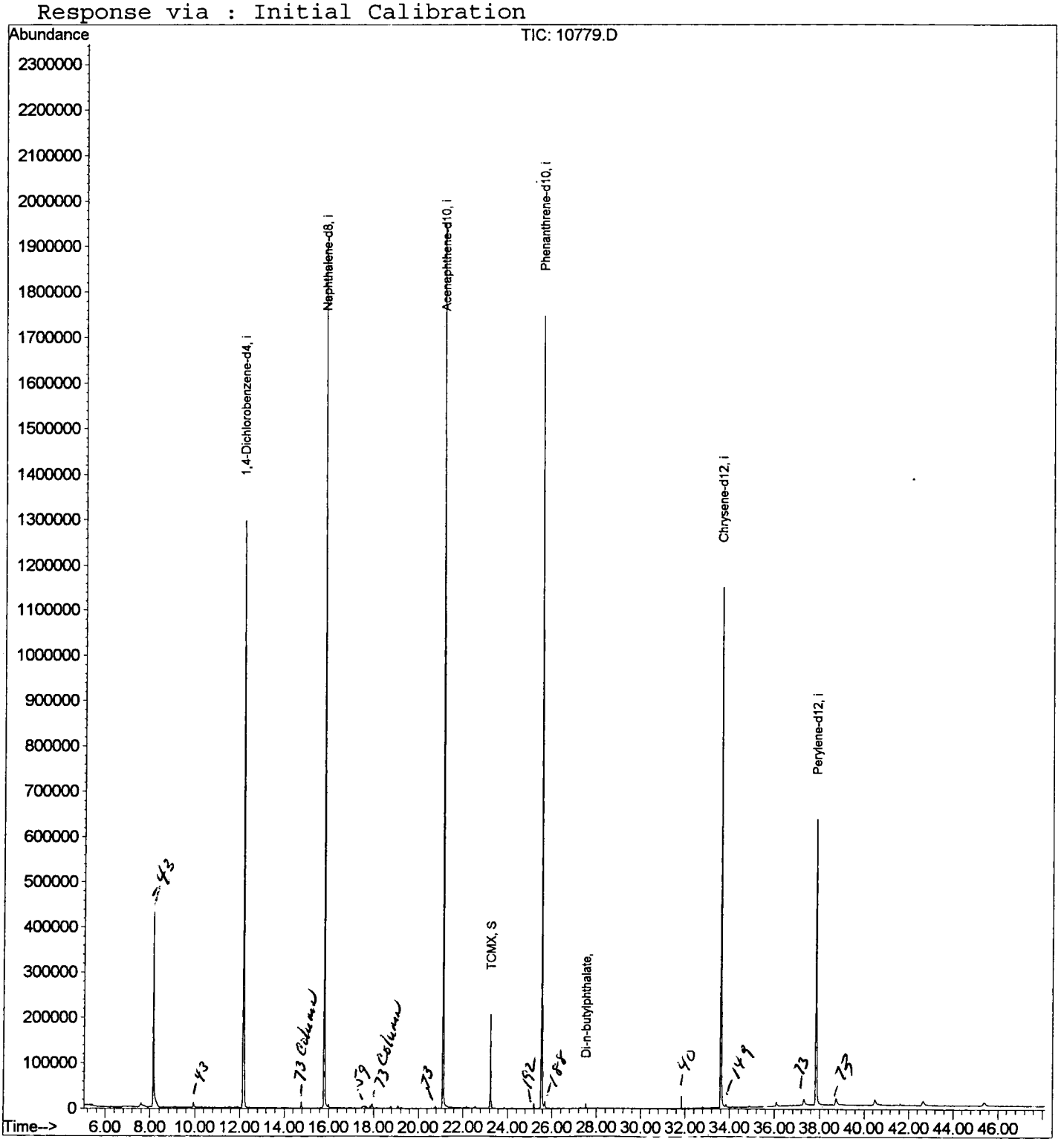
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.55	178	329	N.D.	
36) Di-n-butylphthalate	27.52	149	12161	0.28 ug/l	98
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.62	228	2013	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.84	149	3847	N.D.	
43) Chrysene	33.62	228	2013	N.D.	
45) Di-n-Octylphthalate	35.58	149	1250	N.D.	
46) Benzo(b)fluoranthene	36.68	252	913	N.D.	
47) Benzo(k)fluoranthene	36.73	252	1061	N.D.	
48) Benzo(a)pyrene	37.66	252	765	N.D.	
49) Indeno(1,2,3-cd)pyrene	41.95	276	668	N.D.	
50) Dibenz(a,h)anthracene	42.02	278	530	N.D.	
51) Benzo(g,h,i)perylene	43.16	276	1152	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 15:38 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

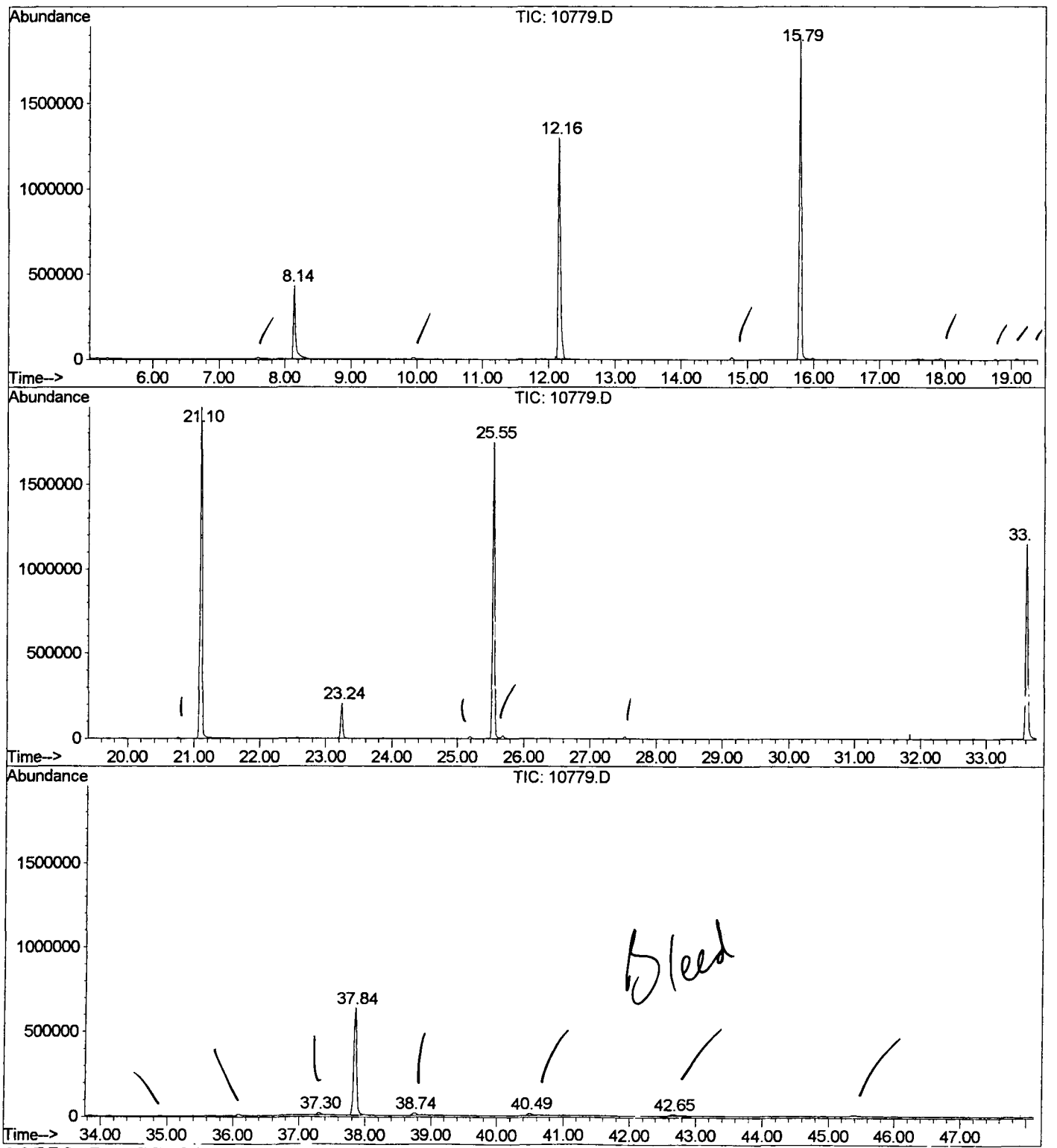
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.143	335	339	365	rVB	430476	976091	23.15%	4.640%
2	12.157	773	777	793	rVB	1295660	3038120	72.06%	14.441%
3	15.795	1168	1174	1189	rBV	1901075	3819132	90.58%	18.153%
4	21.100	1746	1753	1769	rBV	1952546	4216264	100.00%	20.041%
5	23.245	1979	1987	1996	rBV	206238	415176	9.85%	1.973%
6	25.554	2232	2239	2249	rBV2	1746135	3798236	90.09%	18.054%
7	33.618	3112	3119	3137	rBV	1150556	2610374	61.91%	12.408%
8	37.302	3516	3521	3534	rBV2	13043	57065	1.35%	0.271%
9	37.842	3572	3580	3594	rBV2	630202	1943447	46.09%	9.238%
10	38.740	3672	3678	3688	rBV2	12992	57911	1.37%	0.275%
11	40.491	3862	3869	3881	rBV3	11444	55770	1.32%	0.265%
12	42.653	4097	4105	4116	rBV4	9161	50477	1.20%	0.240%

Sum of corrected areas: 21038063

10779.D GCMS0510.M Mon May 13 15:50:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10779.D
Operator :
Acquired : 11 May 2002 10:33 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/6 fb
Misc Info :
Vial Number: 23
Quant File :GCMS0510.RES (RTE Integrator)



10779.D GCMS0510.M Mon May 13 15:50:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

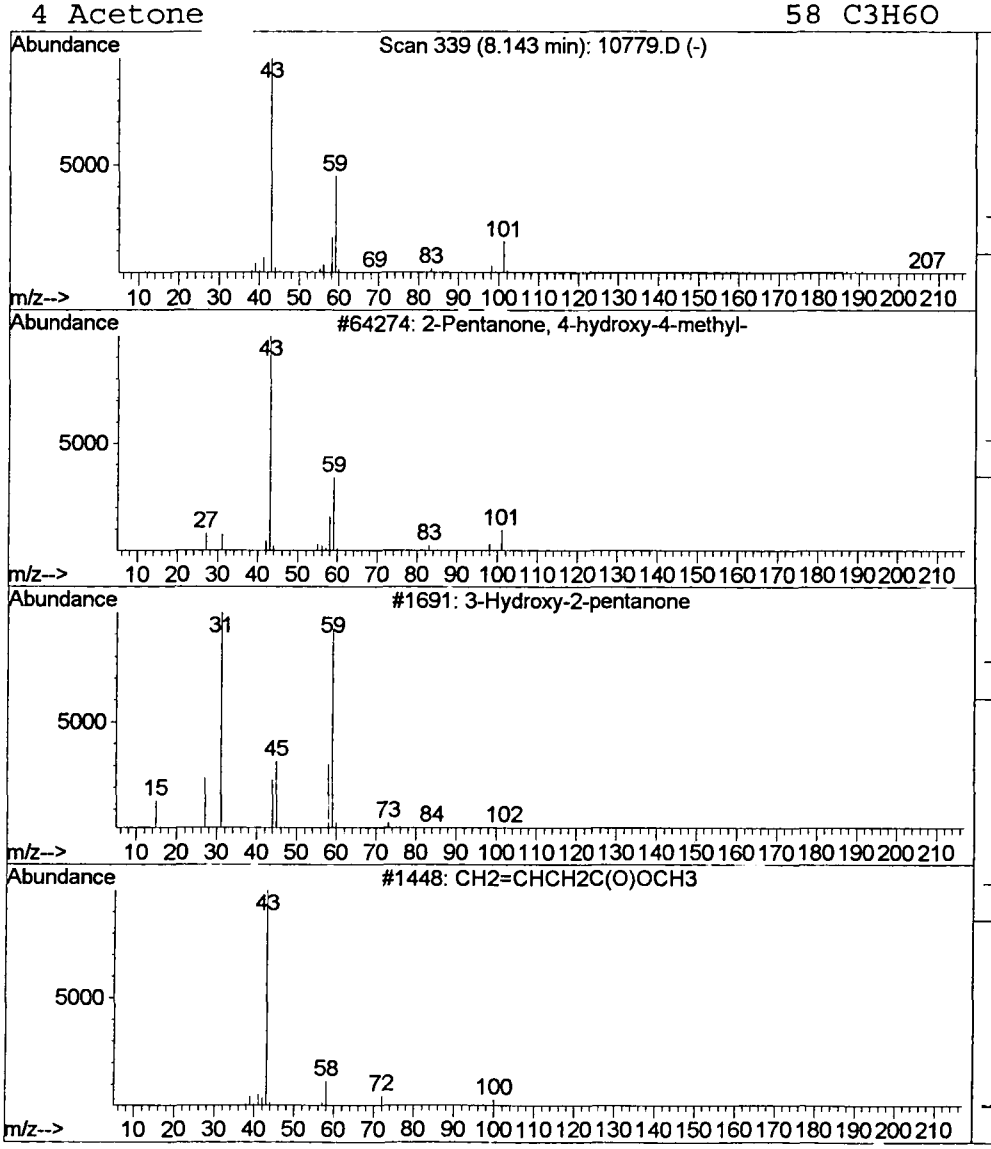
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

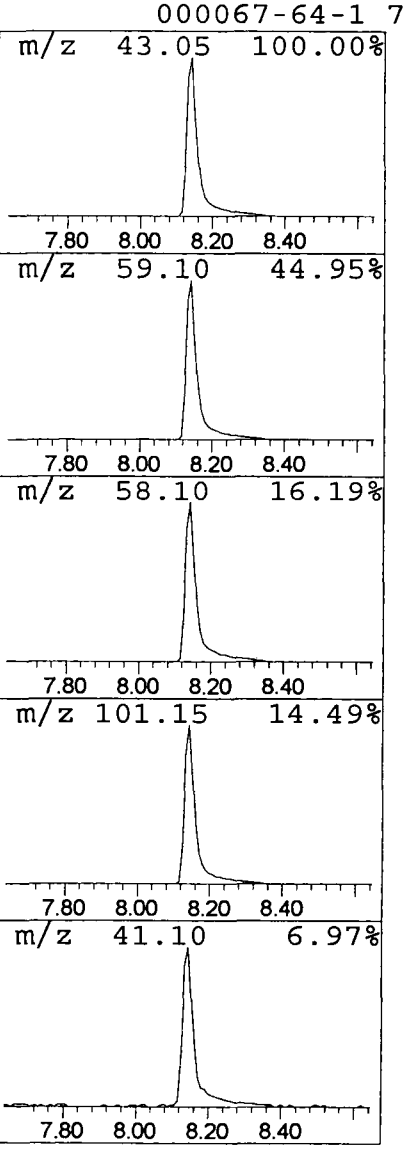
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.85 ug/l	976091	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

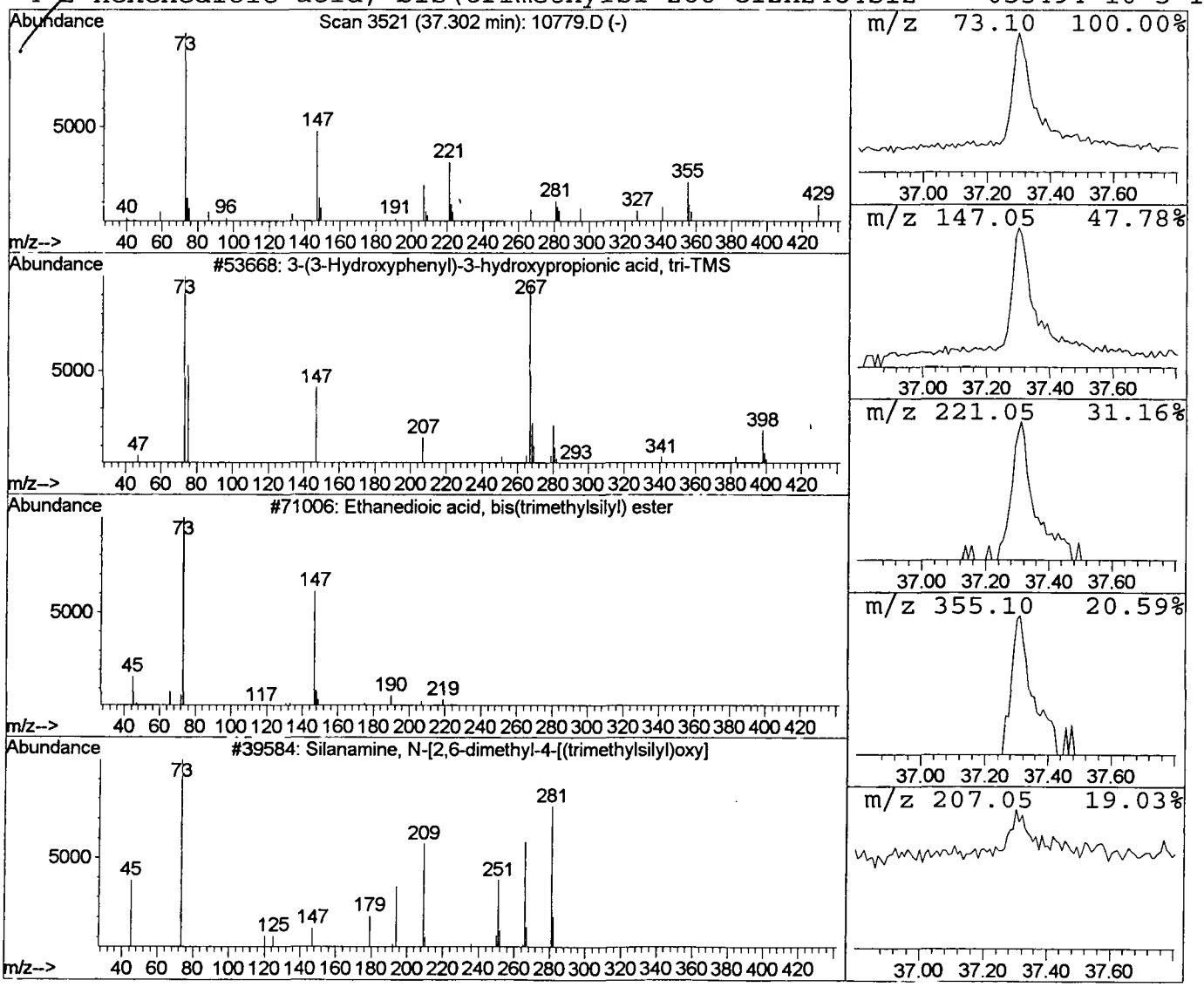
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.30	1.17 ug/l	57065	Perylene-d12	37.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	25
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	16
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

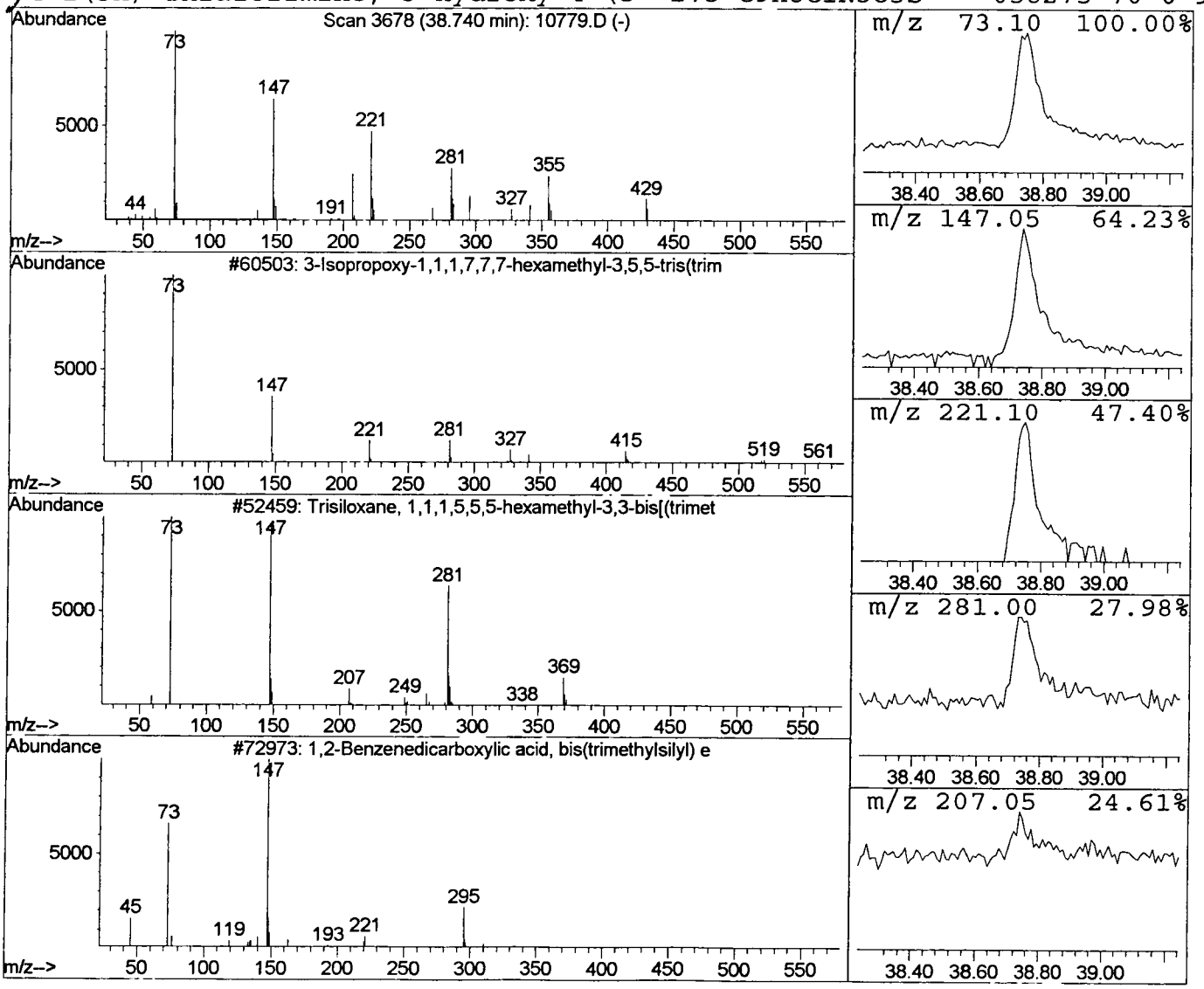
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.74	1.19 ug/l	57911	Perylene-d12	37.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

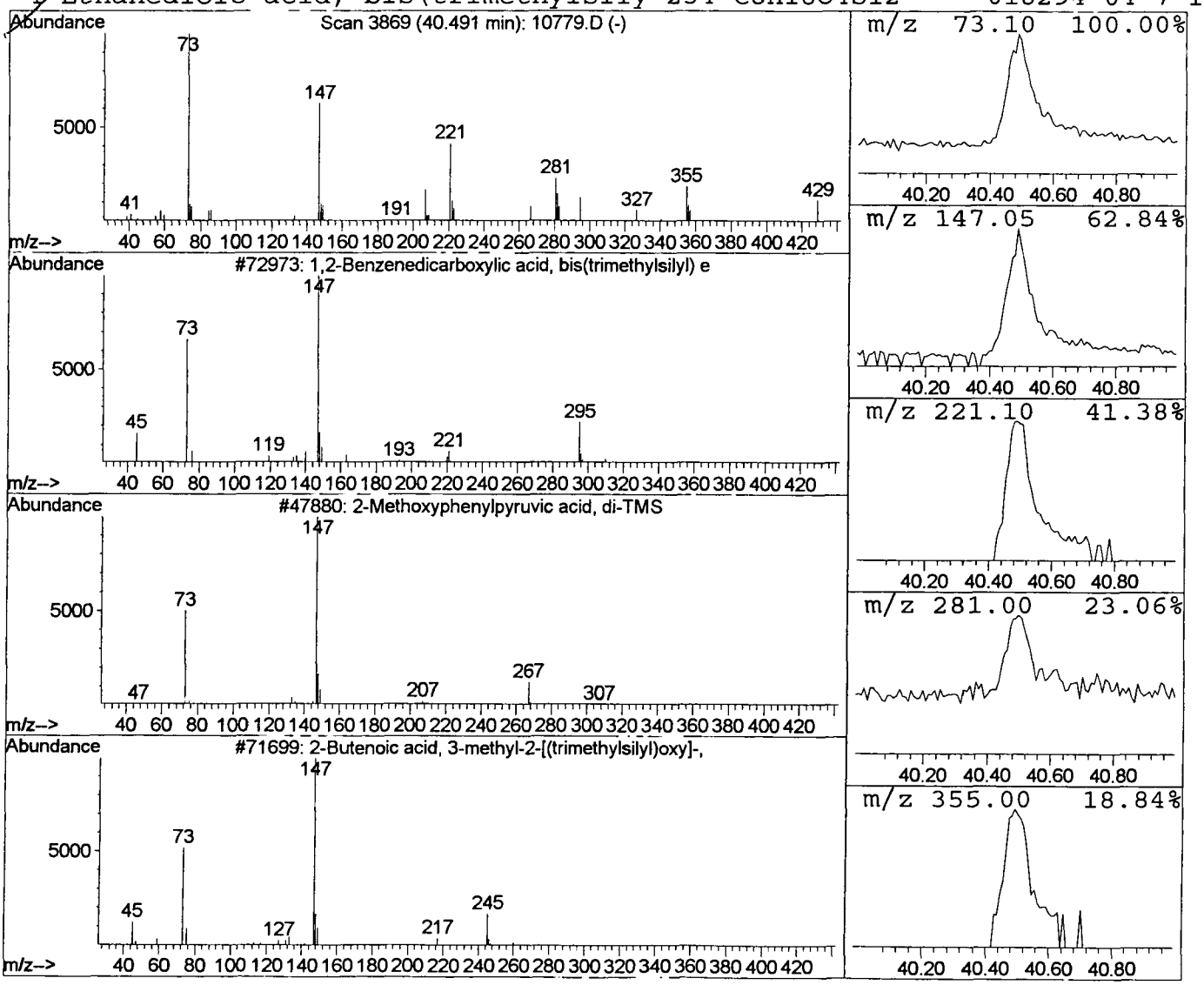
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,2-Benzenedicarboxylic acid, Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.49	1.15 ug/l	55770	Perylene-d12	37.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	12
2	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	12
3	2-Butenoic acid, 3-methyl-2-[(trime	260	C11H24O3Si2	055044-79-6	10
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10779.D Vial: 23
Acq On : 11 May 2002 10:33 am Operator:
Sample : GC/MS SCAN 5/6 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

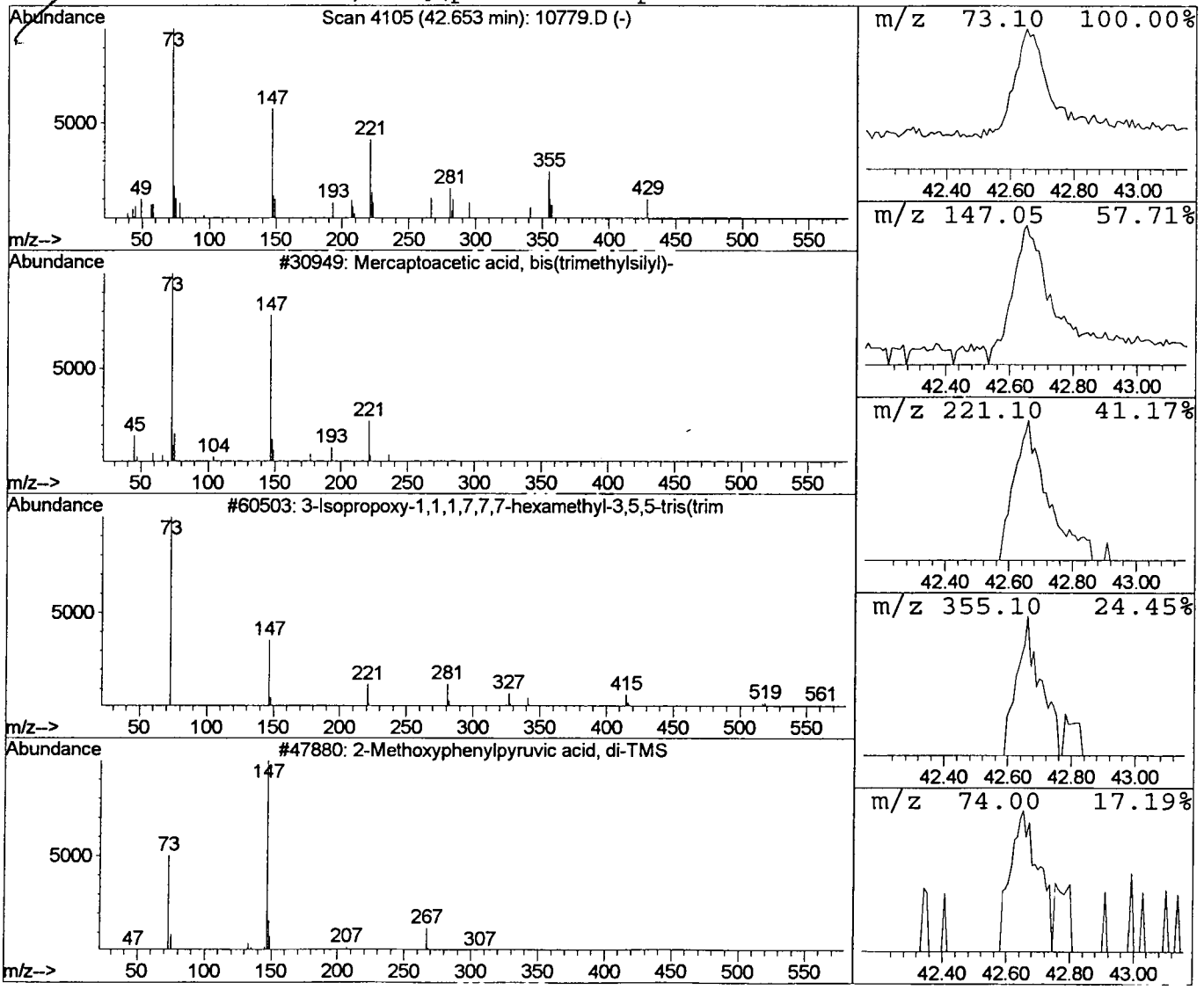
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Mercaptoacetic acid, bis(trime Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.65	1.04 ug/l	50477	Perylene-d12	37.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	16
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	10
3	2-Methoxyphenylpyruvic acid, di-TMS	338	C16H26O4Si2	000000-00-0	10
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 10:33 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10779.D
Name: GC/MS SCAN 5/6 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	12.9	ug/l	976091	ISTD01	12.17	3038120	40.0
3-(3-Hydroxyphenyl)-	37.30	1.2	ug/l	57065	ISTD06	37.84	1943450	40.0
3-Isopropoxy-1,1,1,7	38.74	1.2	ug/l	57911	ISTD06	37.84	1943450	40.0
1,2-Benzenedicarboxy	40.49	1.1	ug/l	55770	ISTD06	37.84	1943450	40.0
Mercaptoacetic acid,	42.65	1.0	ug/l	50477	ISTD06	37.84	1943450	40.0

10779.D GCMS0510.M Mon May 13 15:50:09 2002