User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/21/2002 Time: 14:33:51

Sample: AE10520
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/21/02 14:33 Ended: 5/21/02 14:33 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE10520 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-21-2002 Time: 14:33:55

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\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:51 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	629539	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	2295862	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1218525m	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1690254	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	950688	40.00	ug/l	-0.03
44) Perylene-d12	37.84	264	551246	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.25	209	46623	7.69	ug/L	-0.03
Spiked Amount 10.000			Recovery = 76.90%			
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	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	15.85	128	360	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.	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	22.59	149	523	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	25.54	178	473	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 15:51 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

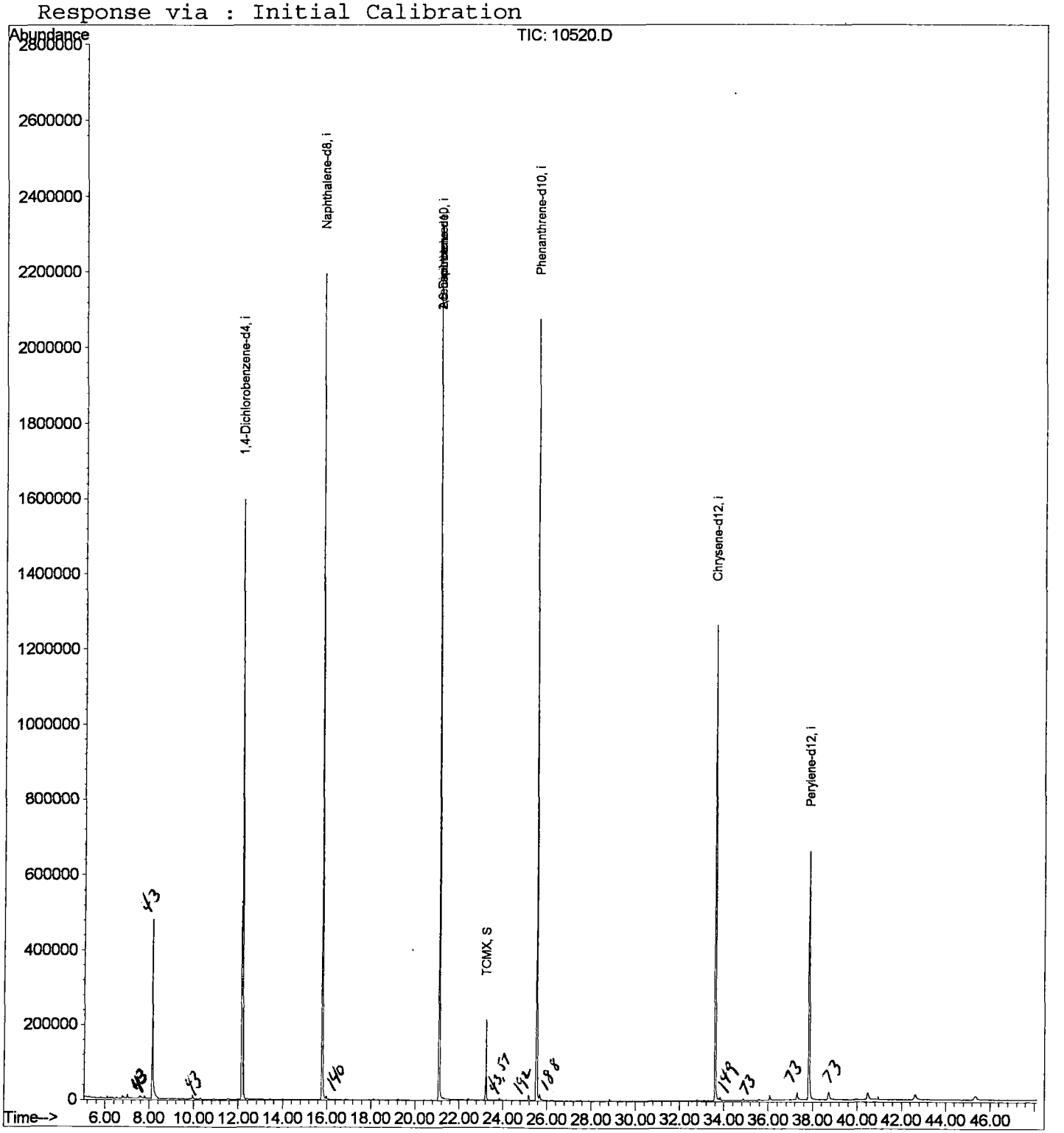
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.54	178	473	N.D.	
36) Di-n-butylphthalate	27.53	149	2431	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	32.05	149	169	N.D.	
41) Benzo(a)anthracene	33.61	228	2177	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.83	149	4766	N.D.	
43) Chrysene	33.61	228	2177	N.D.	
45) Di-n-Octylphthalate	35.59	149	4762	N.D.	
46) Benzo(b)fluoranthene	36.68	252	274	N.D.	
47) Benzo(k)fluoranthene	36.74	252	328	N.D.	
48) Benzo(a)pyrene	37.83	252	2072	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	43.12	276	306	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 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 : Thu May 16 09:35:44 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 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

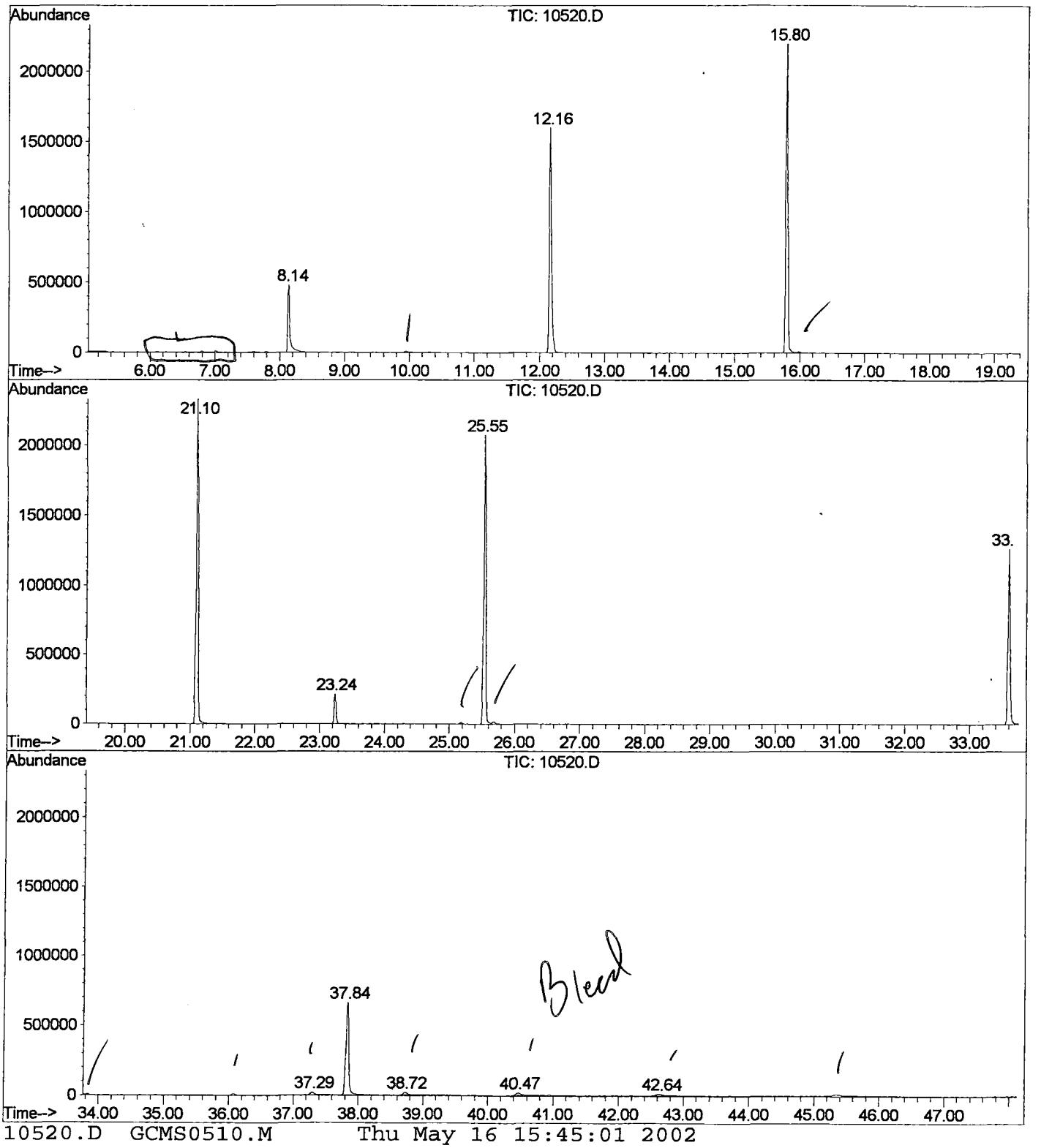
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	334	338	371	rVB	479280	1090640	22.07%	4.512%
2	12.159	772	777	794	rBV	1596260	3568212	72.22%	14.761%
3	15.797	1167	1174	1191	rBV	2195299	4510655	91.29%	18.659%
4	21.103	1746	1753	1770	rBV	2332532	4940756	100.00%	20.438%
5	23.238	1977	1986	1995	rBV	214870	449908	9.11%	1.861%
6	25.547	2231	2238	2249	rBV2	2074818	4506338	91.21%	18.641%
7	33.611	3110	3118	3130	rBV	1262965	2845267	57.59%	11.770%
8	37.295	3513	3520	3529	rBV2	18342	65128	1.32%	0.269%
9	37.835	3569	3579	3597	rBV2	657900	1957209	39.61%	8.096%
10	38.724	3669	3676	3686	rBV2	18646	80743	1.63%	0.334%
11	40.465	3857	3866	3876	rBV2	17323	90881	1.84%	0.376%
12	42.637	4093	4103	4112	rBV5	11718	68158	1.38%	0.282%

Sum of corrected areas: 24173895

10520.D GCMS0510.M Thu May 16 15:45:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10520.D
Operator :
Acquired : 12 May 2002 7:02 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 43
Quant File :GCMS0510.RES (RTE Integrator)



10520.D GCMS0510.M Thu May 16 15:45:01 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

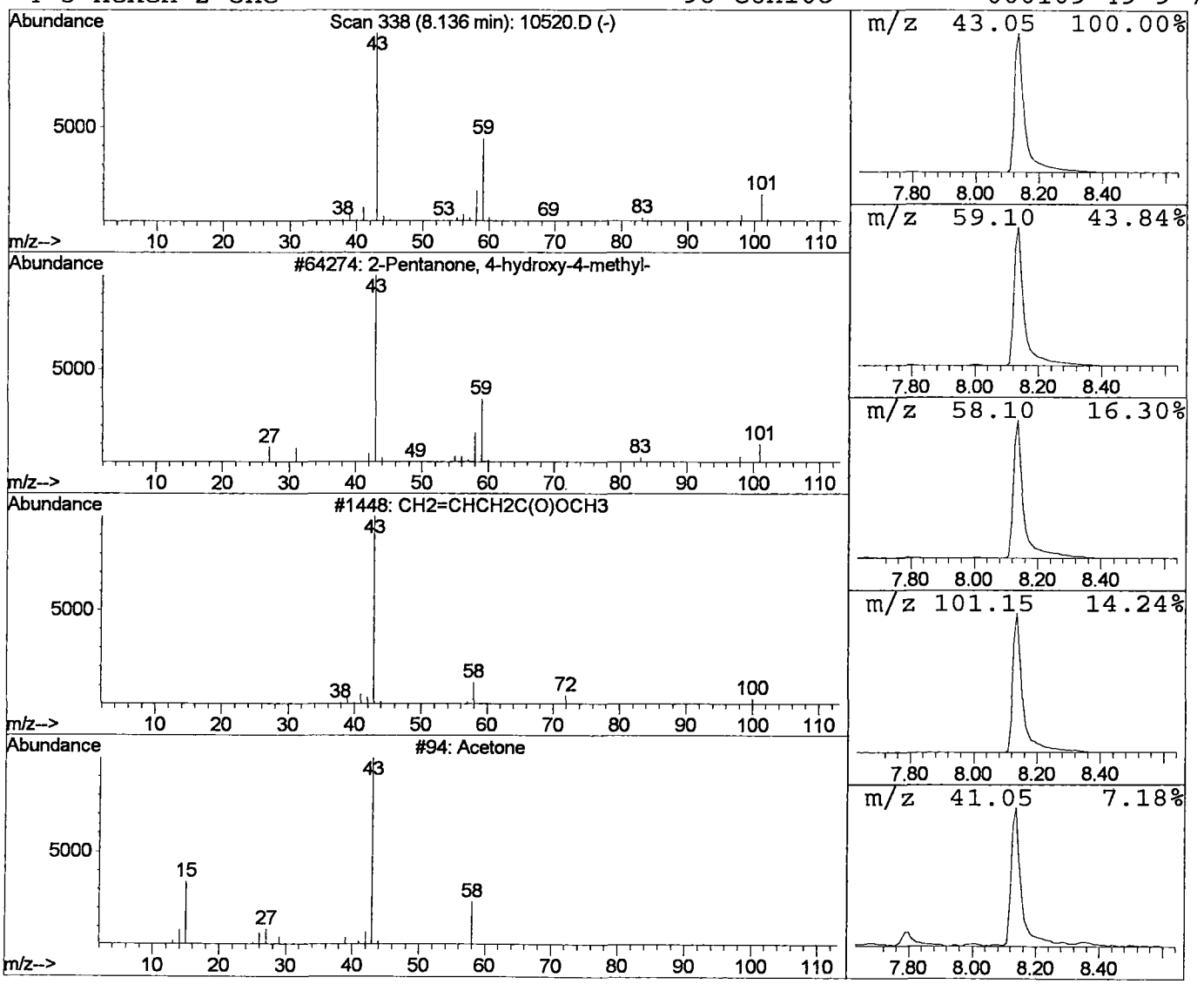
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.23 ug/l	1090640	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

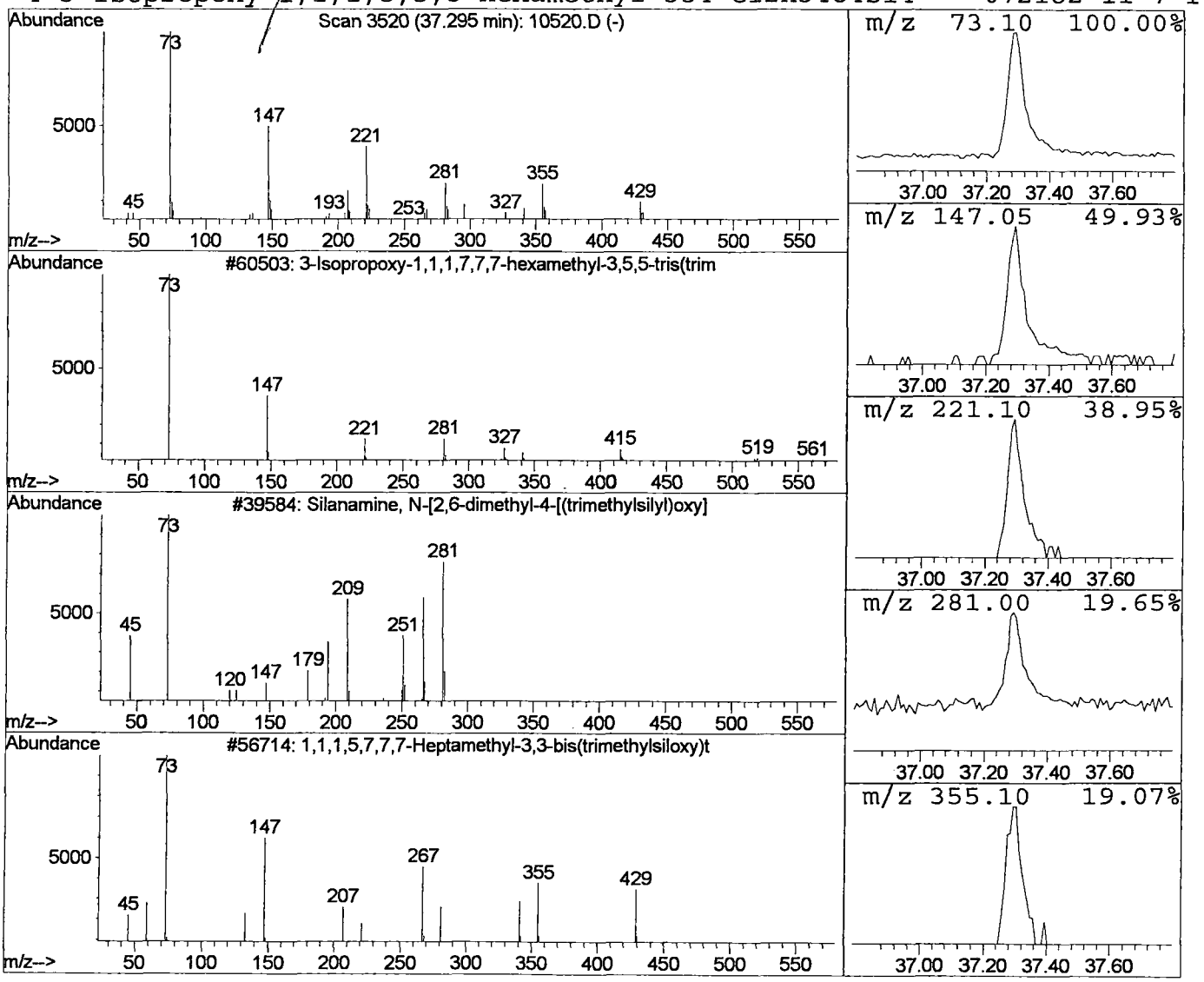
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.29	1.33 ug/l	65128	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	17
2	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	14
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	13
4	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	10



Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

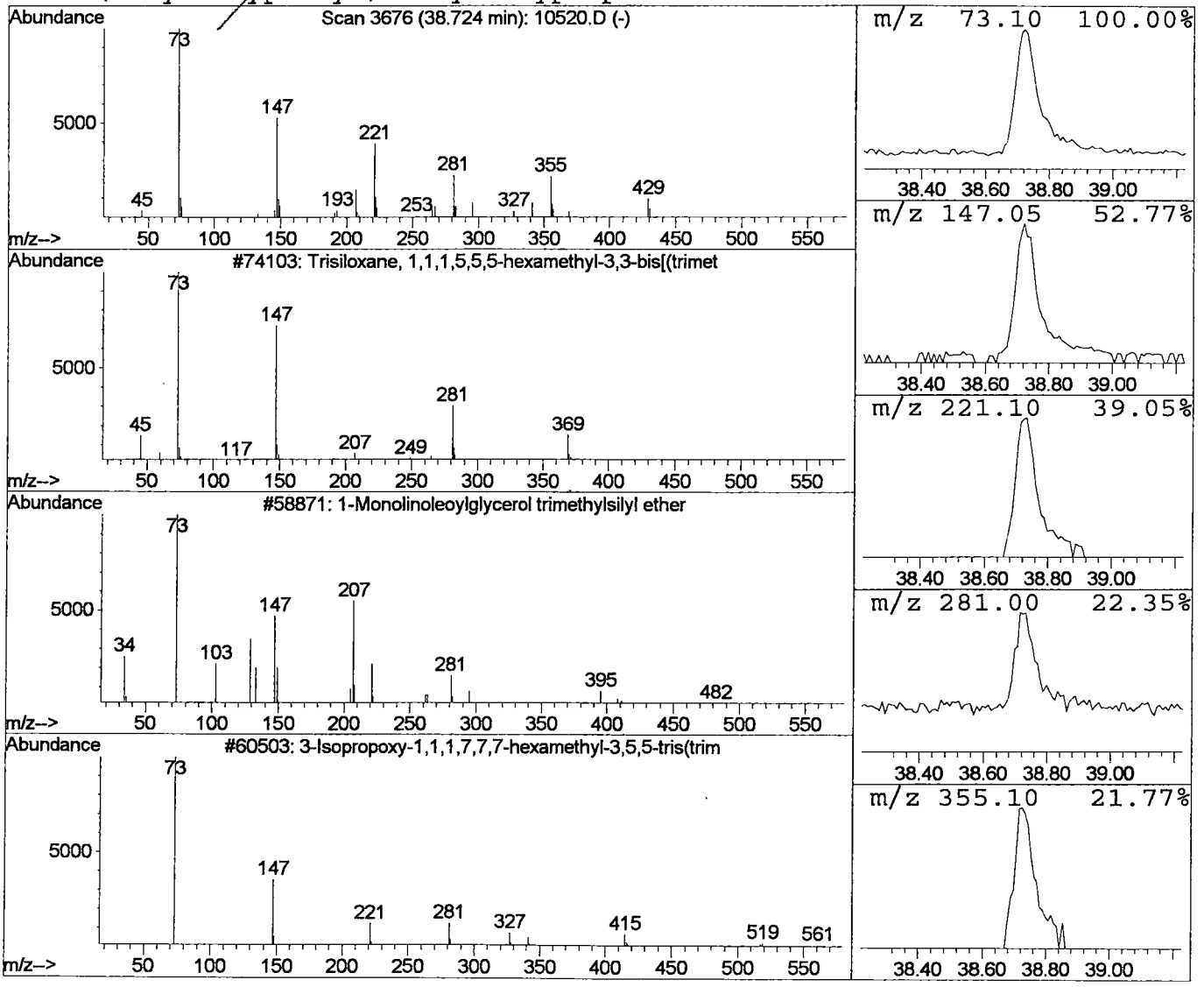
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.72	1.65 ug/l	80743	Perylene-d12	37.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	35
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	28
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17
4	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

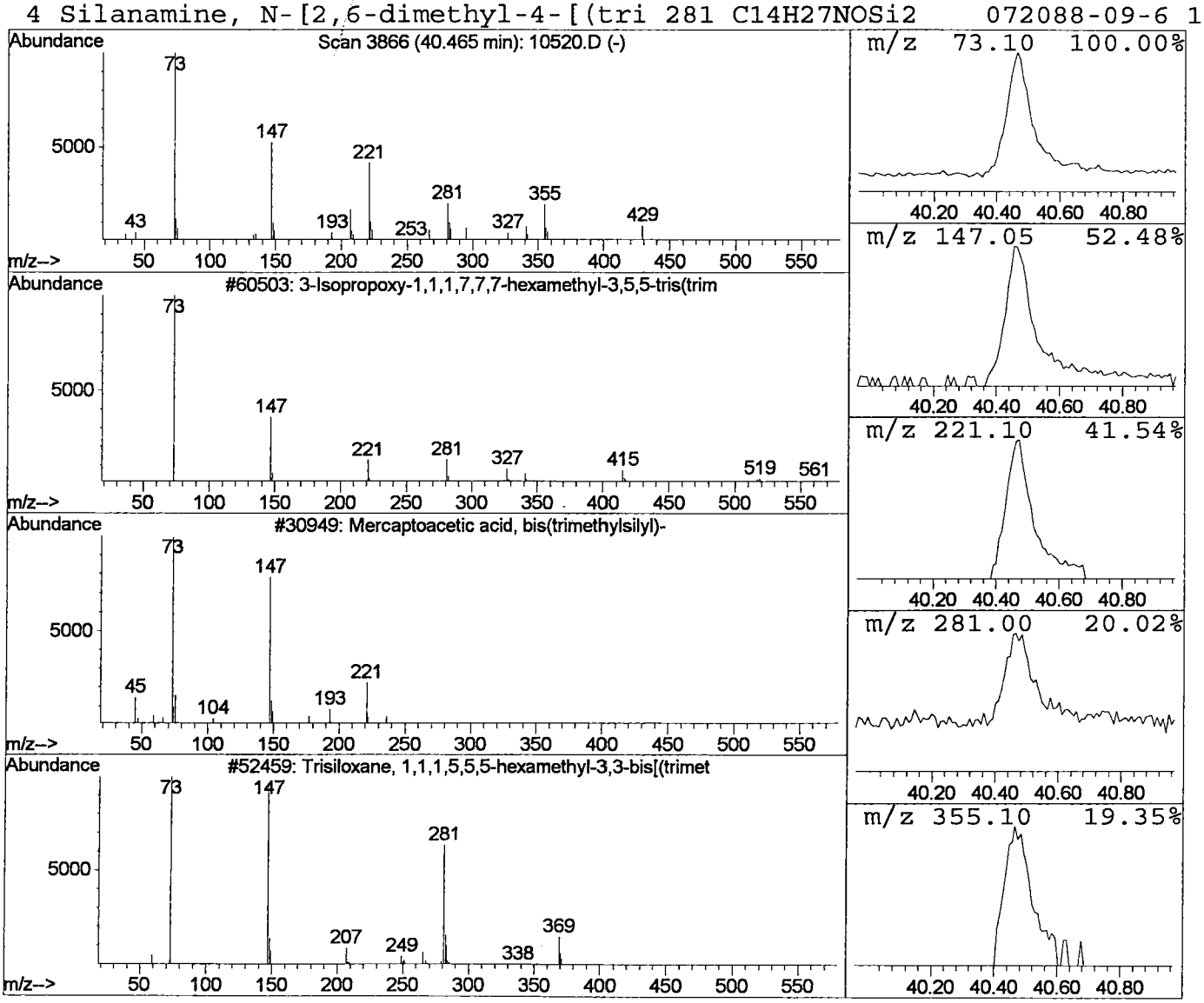
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.47	1.86 ug/l	90881	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	17
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10520.D Vial: 43
Acq On : 12 May 2002 7:02 am Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

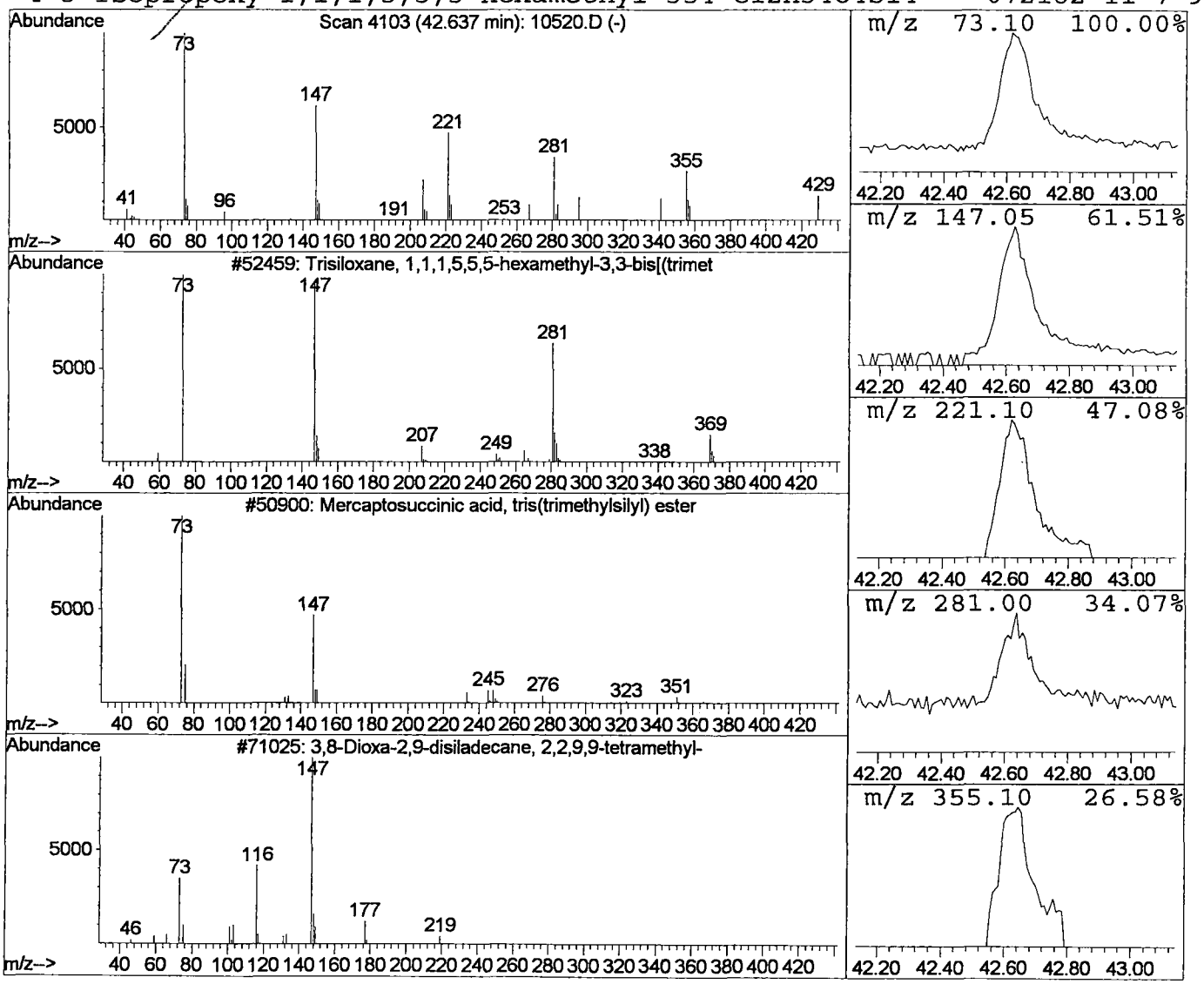
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
42.64	1.39 ug/l	68158	Perylene-d12	37.84

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	Mercaptosuccinic acid, tris(trimeth	366	C13H30O4SSi3	000000-00-0	9
3	3,8-Dioxa-2,9-disiladecane, 2,2,9,9	234	C10H26O2Si2	018001-91-7	9
4	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 12 May 2002 7:02 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10520.D
Name: gc/ms scan 5/2
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	12.2	ug/l	1090640	ISTD01	12.16	3568210	40.0
3-Isopropoxy-1,1,1,7	37.29	1.3	ug/l	65128	ISTD06	37.84	1957210	40.0
Trisiloxane, 1,1,1,5	38.72	1.7	ug/l	80743	ISTD06	37.84	1957210	40.0
3-Isopropoxy-1,1,1,7	40.47	1.9	ug/l	90881	ISTD06	37.84	1957210	40.0
Trisiloxane, 1,1,1,5	42.64	1.4	ug/l	68158	ISTD06	37.84	1957210	40.0

10520.D GCMS0510.M Thu May 16 15:45:06 2002

Column Bleed