User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 11:50:29

Sample: AE10436
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 11:49 Ended: 5/20/02 11:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE10436 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-20-2002 Time: 11:50:57

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

Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 11:45 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	454066	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	1636864	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	883178	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	1191286	40.00	ug/l	-0.04
38) Chrysene-d12	33.60	240	694730	40.00	ug/l	-0.04
44) Perylene-d12	37.83	264	429436	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.24	209	38664	8.80	ug/L	-0.04
Spiked Amount 10.000			Recovery = 88.00%			
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	15.84	128	395	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	22.57	149	594	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	25.60	178	113	N.D.		

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

Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
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Sample : gc/ms scan 5/2 Inst : 209
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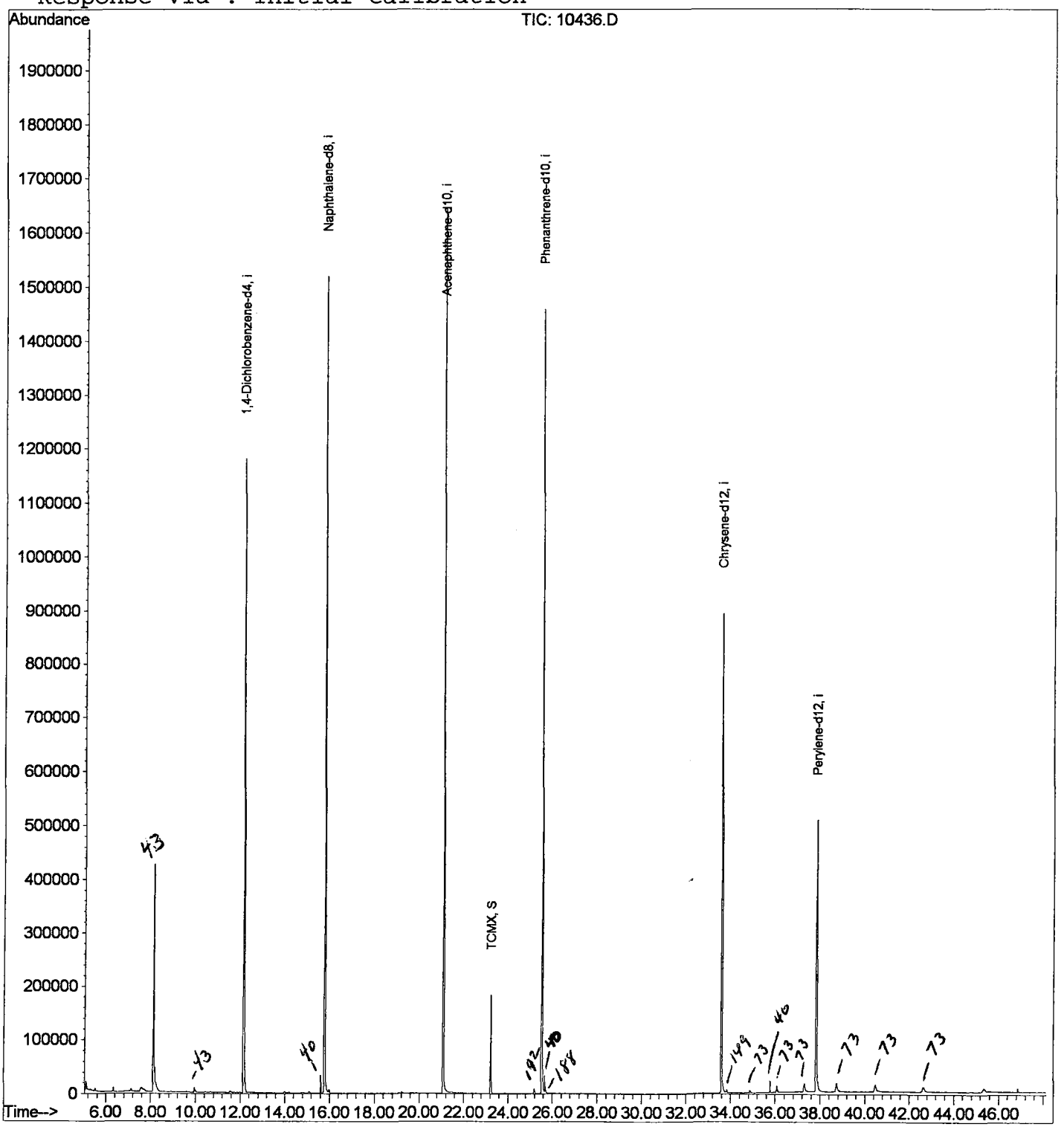
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 16 09:35:44 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.52	149	1266	N.D.	
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	33.60	228	1513	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.83	149	2920	N.D.	
43)	Chrysene	33.60	228	1513	N.D.	
45)	Di-n-Octylphthalate	35.56	149	562	N.D.	
46)	Benzo(b)fluoranthene	36.65	252	413	N.D.	
47)	Benzo(k)fluoranthene	36.73	252	441	N.D.	
48)	Benzo(a)pyrene	37.82	252	1722	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

Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 16 11:45 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



Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm 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

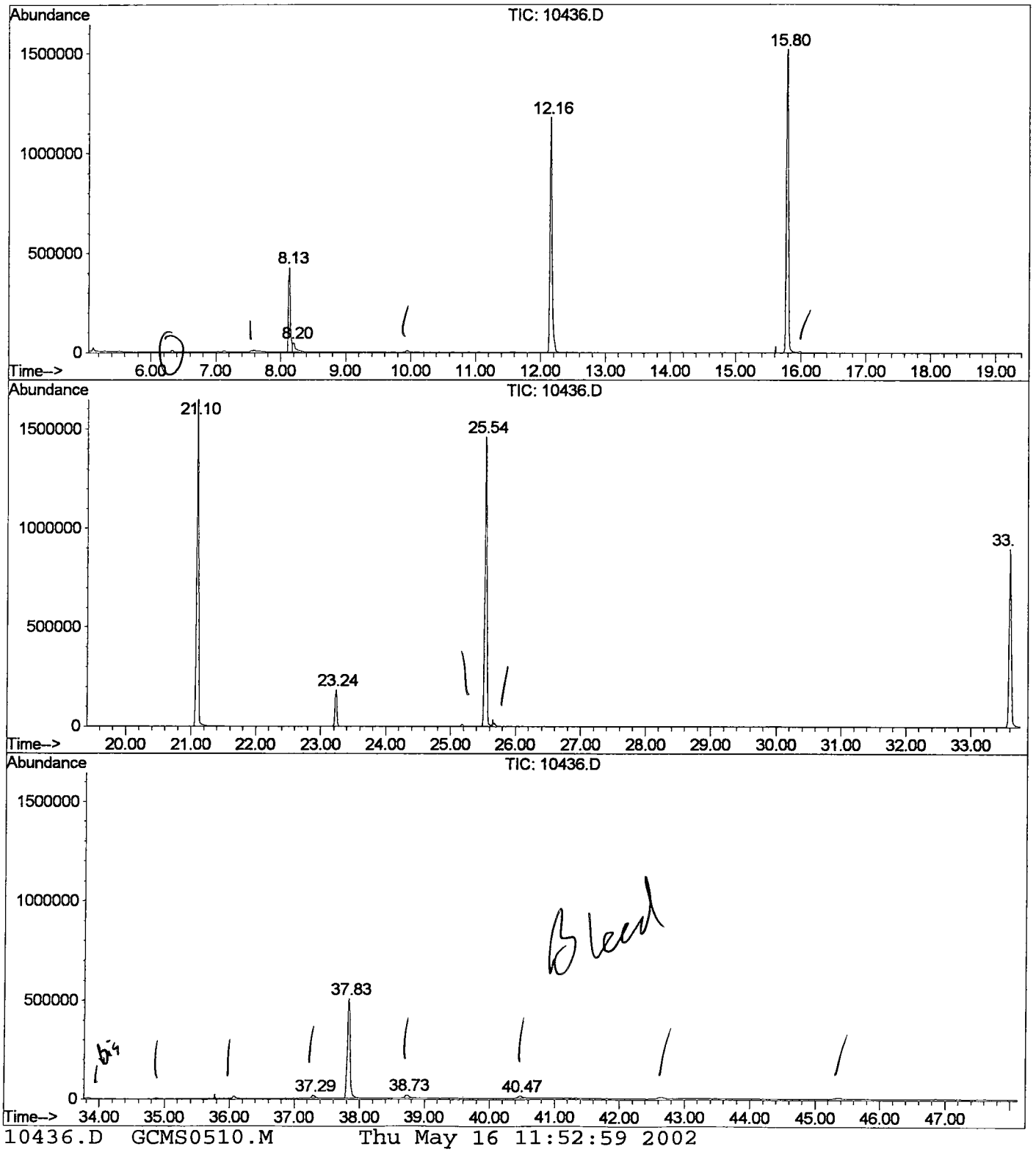
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.135	334	338	343	rBV	423953	819550	23.11%	4.644%
2	8.199	343	345	365	rVB	45316	150916	4.26%	0.855%
3	12.158	772	777	793	rBV	1178805	2578360	72.70%	14.611%
4	15.796	1167	1174	1190	rBV	1518394	3219414	90.78%	18.244%
5	21.101	1746	1753	1768	rBV	1645928	3546569	100.00%	20.097%
6	23.236	1978	1986	1994	rBV	184186	369223	10.41%	2.092%
7	25.537	2231	2237	2249	rBV2	1458469	3182008	89.72%	18.032%
8	33.600	3111	3117	3136	rBV2	894953	2082019	58.71%	11.798%
9	37.293	3514	3520	3529	rBV2	14766	55229	1.56%	0.313%
10	37.834	3571	3579	3595	rBV2	505041	1515797	42.74%	8.590%
11	38.732	3670	3677	3689	rBV2	15574	66388	1.87%	0.376%
12	40.473	3858	3867	3874	rBV2	12978	61420	1.73%	0.348%

Sum of corrected areas: 17646893

10436.D GCMS0510.M Thu May 16 11:52:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10436.D
Operator :
Acquired : 11 May 2002 9:18 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: gc/ms scan 5/2
Misc Info :
Vial Number: 33
Quant File :GCMS0510.RES (RTE Integrator)



10436.D GCMS0510.M Thu May 16 11:52:59 2002

Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

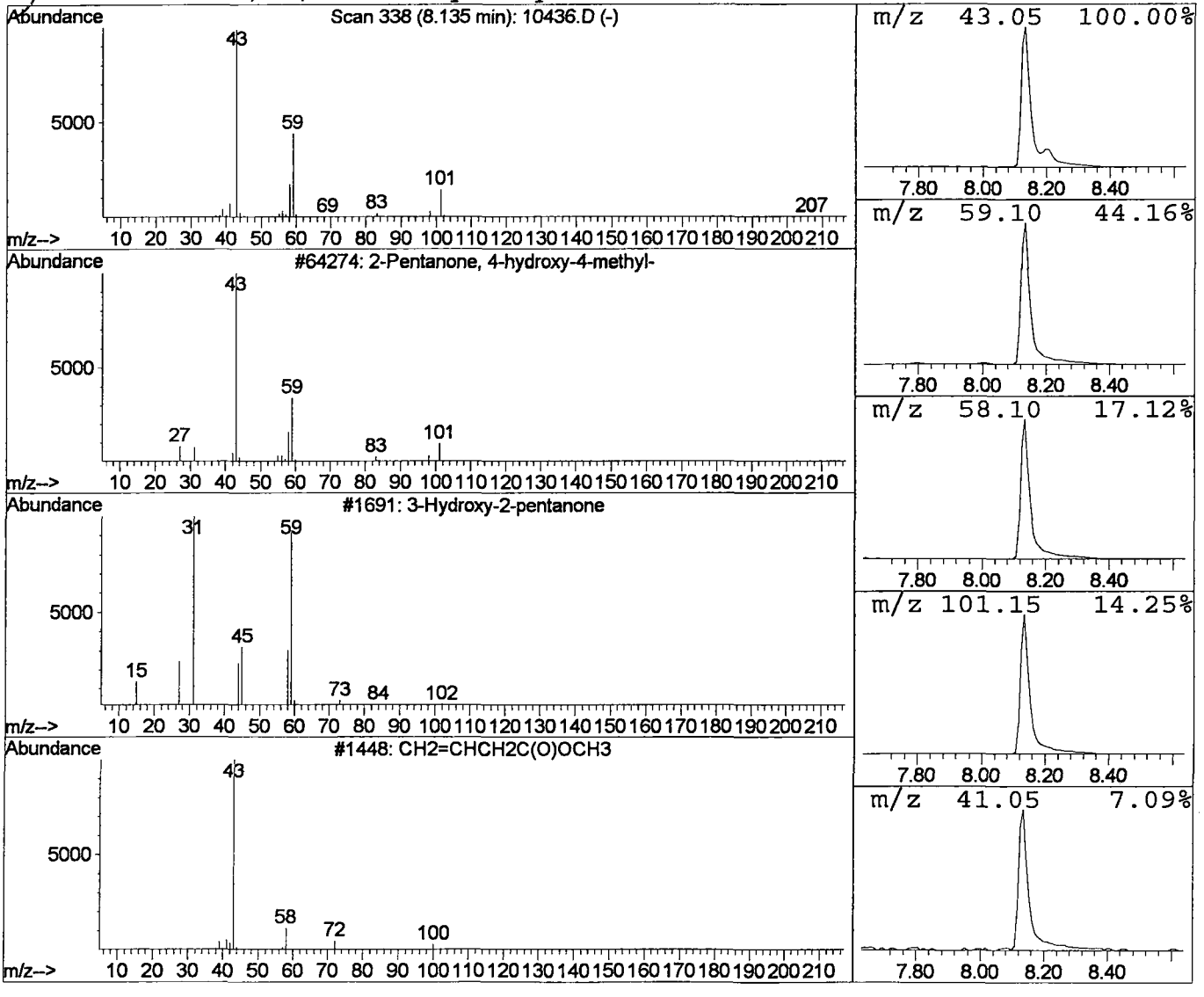
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	12.71 ug/l	819550	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

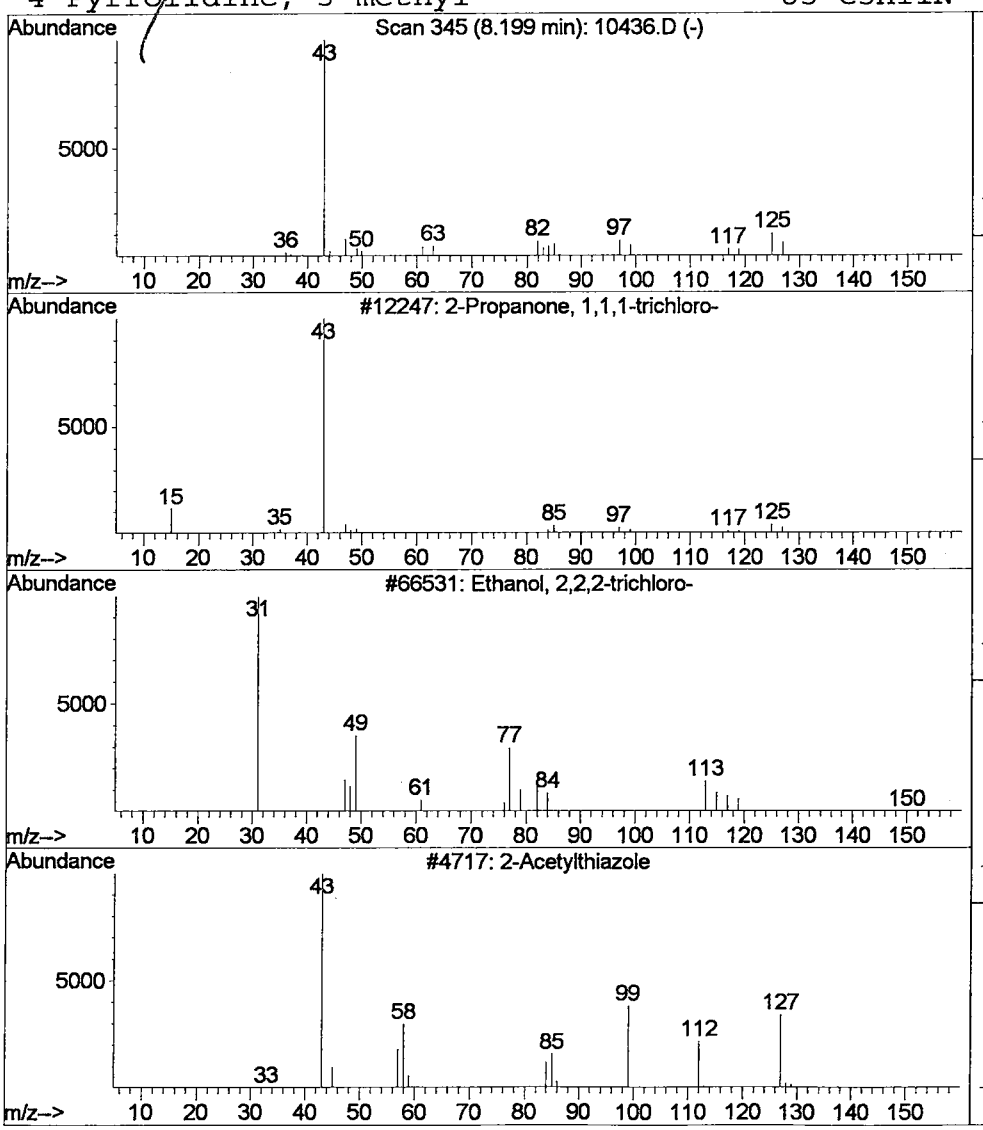
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

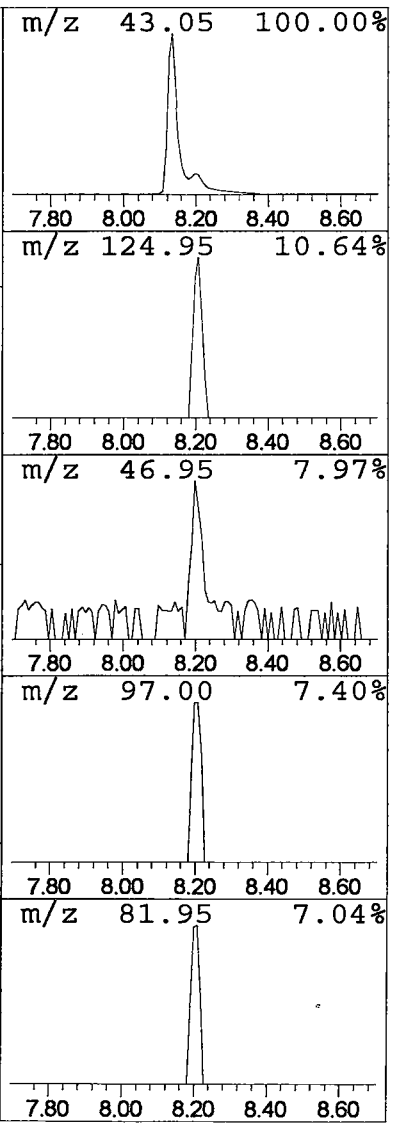
****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.34 ug/l	150916	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	37
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
4	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	4





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Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D              Vial: 33
Acq On    : 11 May 2002    9:18 pm                    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
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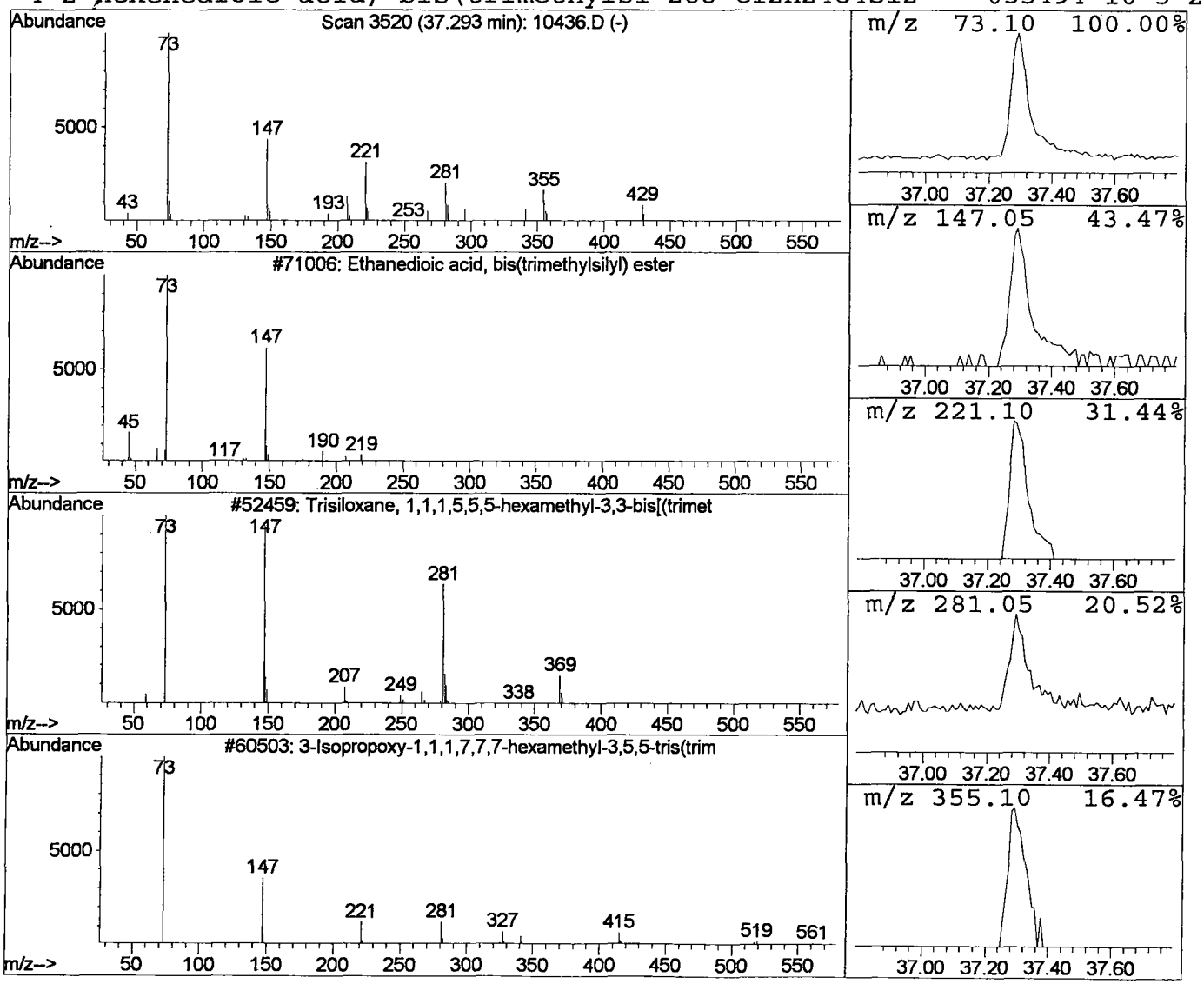
Peak Number 3 Ethanedioic acid, bis(trimethy Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.29	1.46 ug/l	55229	Perylene-d12	37.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	35
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	28
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	25



Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

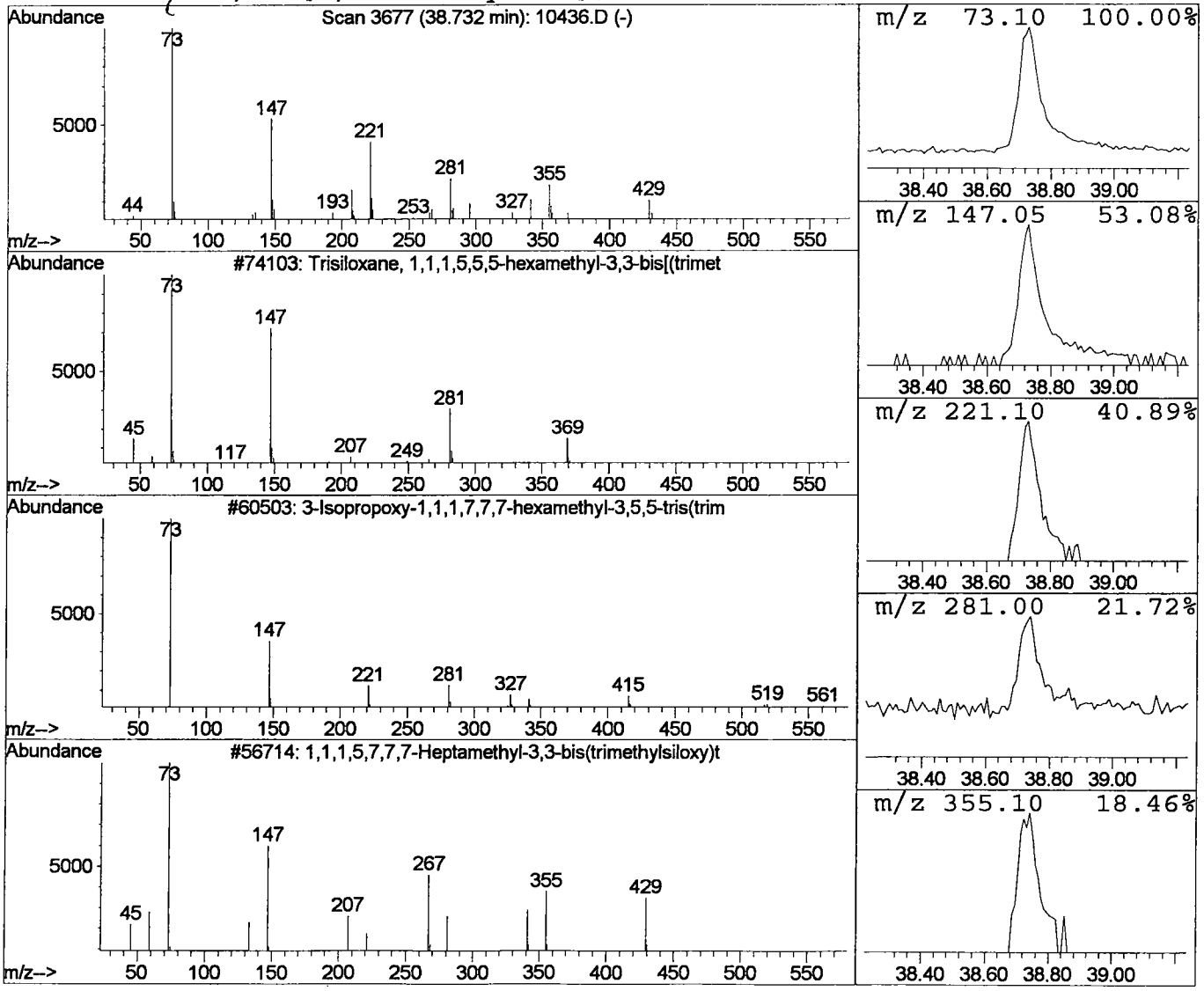
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.73	1.75 ug/l	66388	Perylene-d12	37.83

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	25
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	14



Data File : C:\HPCHEM\1\DATA\MAY1002\10436.D Vial: 33
Acq On : 11 May 2002 9:18 pm Operator:
Sample : gc/ms scan 5/2 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

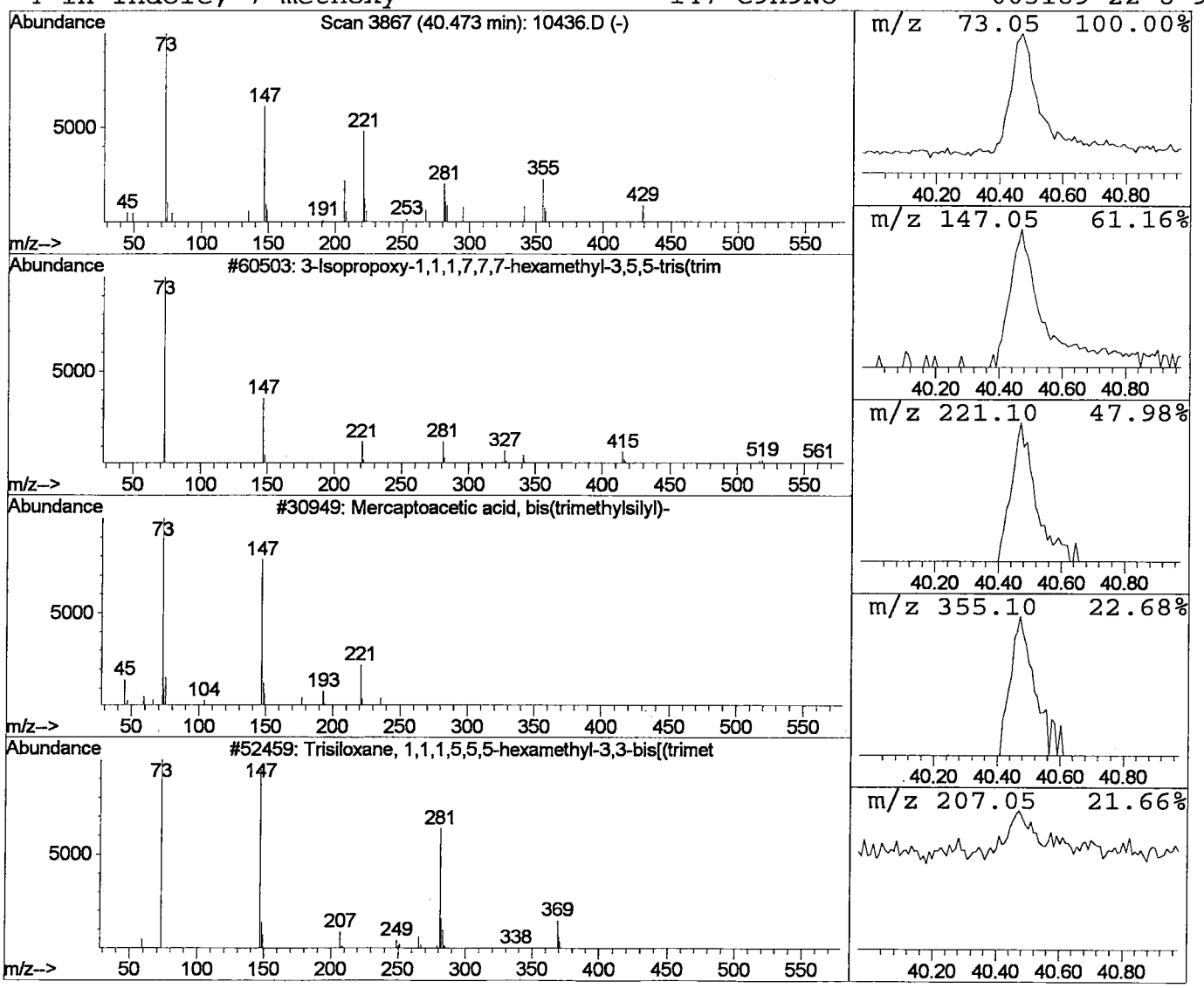
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.47	1.62 ug/l	61420	Perylene-d12	37.83

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	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	10
4	1H-Indole, 7-methoxy-	147	C9H9NO	003189-22-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 9:18 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\10436.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	8.13	12.7	ug/l	819550	ISTD01	12.16	2578360	40.0
2-Propanone, 1,1,1-t	8.20	2.3	ug/l	150916	ISTD01	12.16	2578360	40.0
Ethanedioic acid, bi	37.29	1.5	ug/l	55229	ISTD06	37.83	1515800	40.0
Trisiloxane, 1,1,1,5	38.73	1.8	ug/l	66388	ISTD06	37.83	1515800	40.0
3-Isopropoxy-1,1,1,7	40.47	1.6	ug/l	61420	ISTD06	37.83	1515800	40.0

10436.D GCMS0510.M Thu May 16 11:53:04 2002

Column Bleed