Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 15:01 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Original

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	438597	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1676800	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	900901	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.74	188	1283057	20.00	ug/l	-0.02
38) Chrysene-d12	33.81	240	909628	20.00	ug/l	-0.03
44) Perylene-d12	38.09	264	654677	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	55882	4.17	ug/mL	0.31
Spiked Amount 5.000			Recovery = 83.40%			
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	16.03	128	799	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	22.77	149	381	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\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 15:01 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	25.81	178	223	N.D.	
34)	Anthracene	25.81	178	223	N.D.	
35)	Di-n-butylphthalate	27.70	149	9379	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.23	149	201	N.D.	
41)	Benzo(a)anthracene	33.81	228	2756	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	4954	N.D.	
43)	Chrysene	33.88	228	231	N.D.	
45)	Di-n-Octylphthalate	35.74	149	1009	N.D.	
46)	Benzo(b)fluoranthene	36.86	252	691	N.D.	
47)	Benzo(k)fluoranthene	36.94	252	788	N.D.	
48)	Benzo(a)pyrene	37.89	252	502	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	43.53	276	508	N.D.	

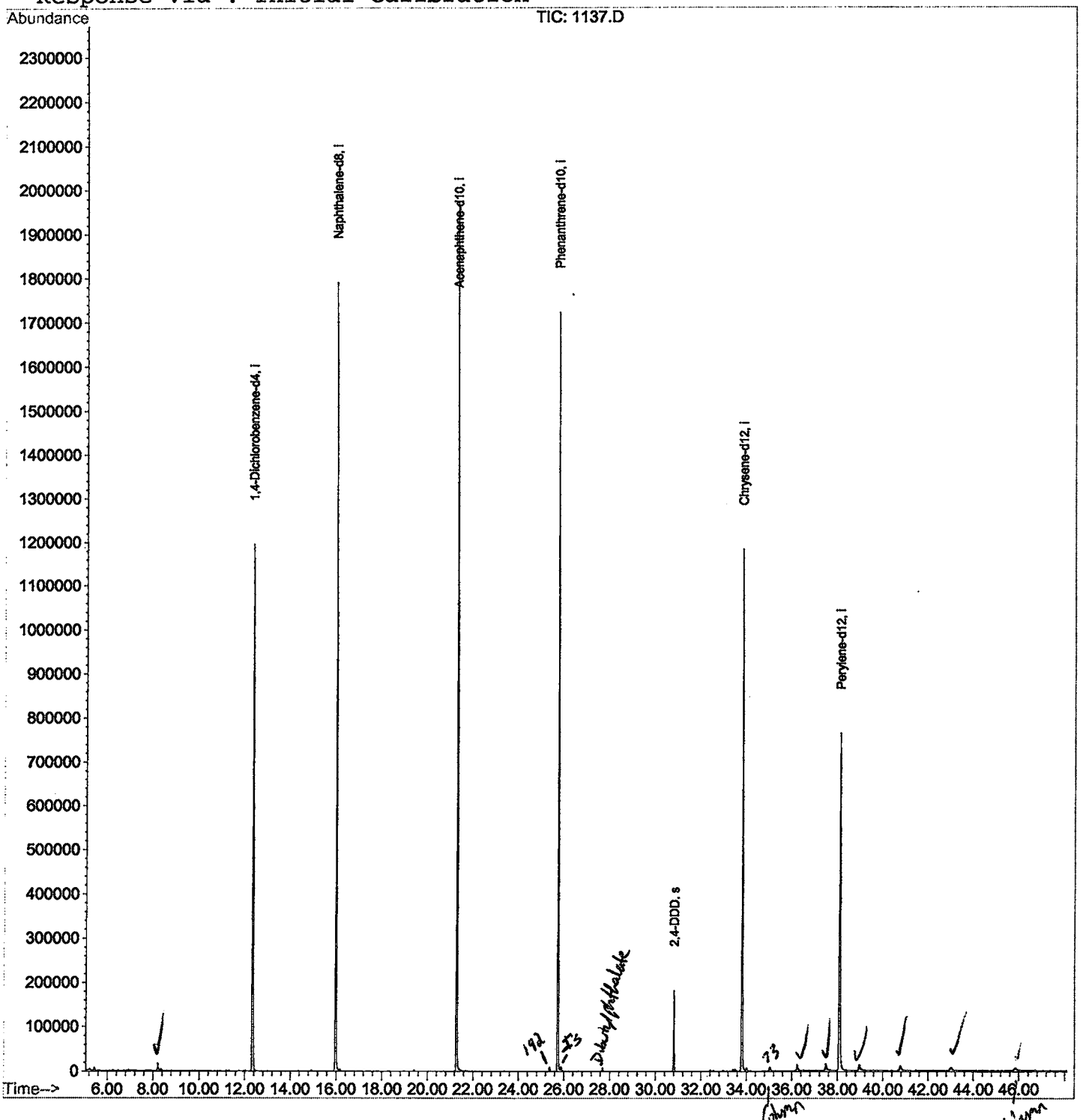
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D
Acq On : 16 Feb 2002 12:12 am
Sample : gc/ms scan 1/16
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 4 15:01 2002

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

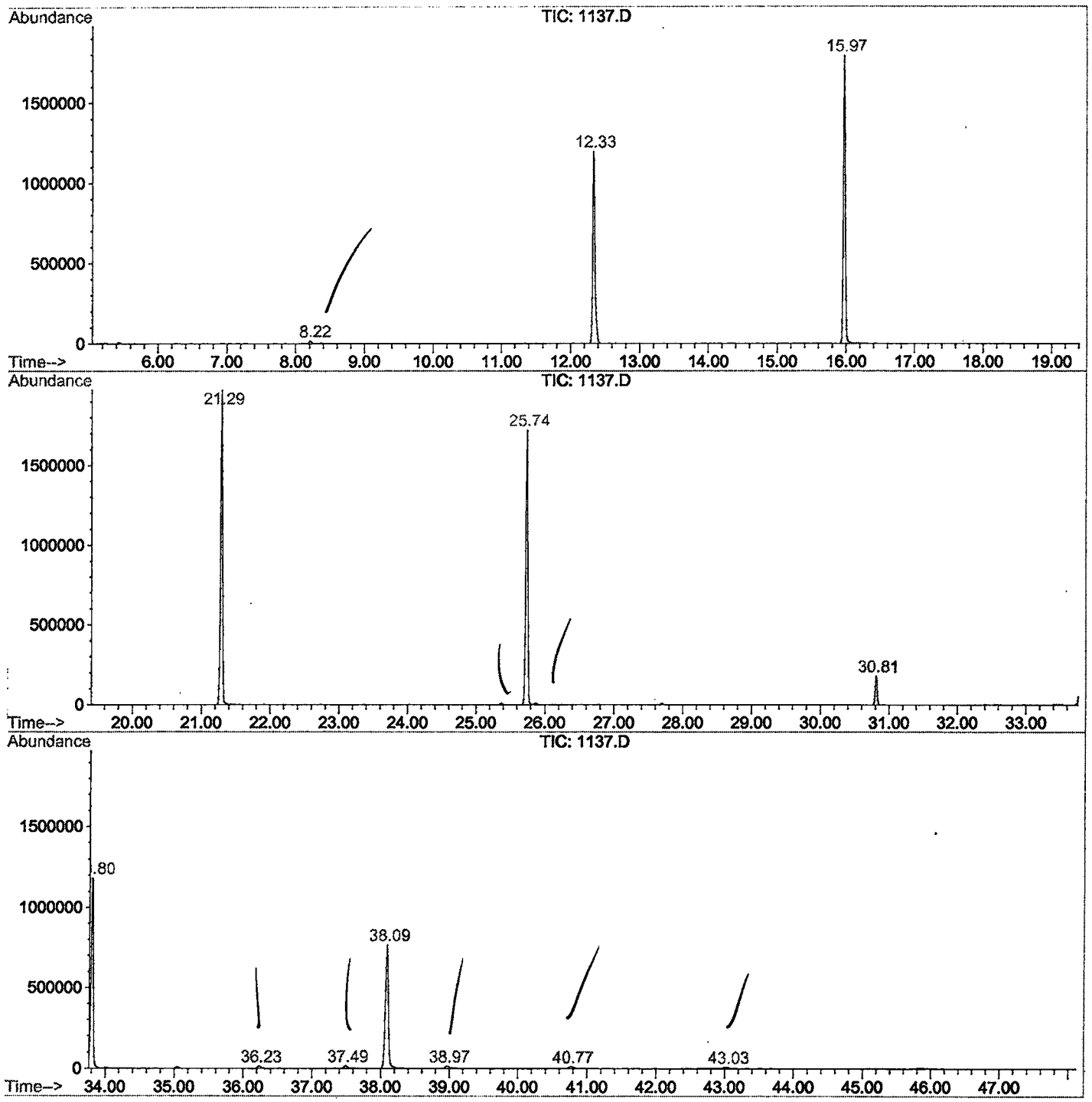
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.217	341	346	354	rBV	16976	40257	1.06%	0.209%
2	12.329	789	794	807	rBV	1195319	2772360	73.21%	14.380%
3	15.974	1185	1191	1207	rBV	1791247	3464782	91.50%	17.971%
4	21.289	1763	1770	1781	rBV	1974952	3786747	100.00%	19.641%
5	25.742	2248	2255	2265	rBV	1722825	3555578	93.90%	18.442%
6	30.809	2802	2807	2814	rVB	182042	341998	9.03%	1.774%
7	33.802	3123	3133	3151	rBV2	1184107	2796506	73.85%	14.505%
8	36.235	3391	3398	3406	rBV2	14328	46769	1.24%	0.243%
9	37.493	3528	3535	3541	rBV	15182	52411	1.38%	0.272%
10	38.089	3590	3600	3619	rBV2	763004	2280946	60.23%	11.831%
11	38.971	3689	3696	3704	rBV4	12231	49479	1.31%	0.257%
12	40.770	3883	3892	3902	rBV4	10756	52964	1.40%	0.275%
13	43.028	4127	4138	4148	rBV6	6682	38569	1.02%	0.200%

Sum of corrected areas: 19279366

1137.D GCMS0208.M Mon Mar 04 15:09:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1502\1137.D
Operator : 209 GALOS
Acquired : 16 Feb 2002 12:12 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/16
Misc Info :
Vial Number: 10
Quant File :GCMS0208.RES (RTE Integrator)



1137.D GCMS0208.M Mon Mar 04 15:09:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D
Acq On : 16 Feb 2002 12:12 am
Sample : gc/ms scan 1/16
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

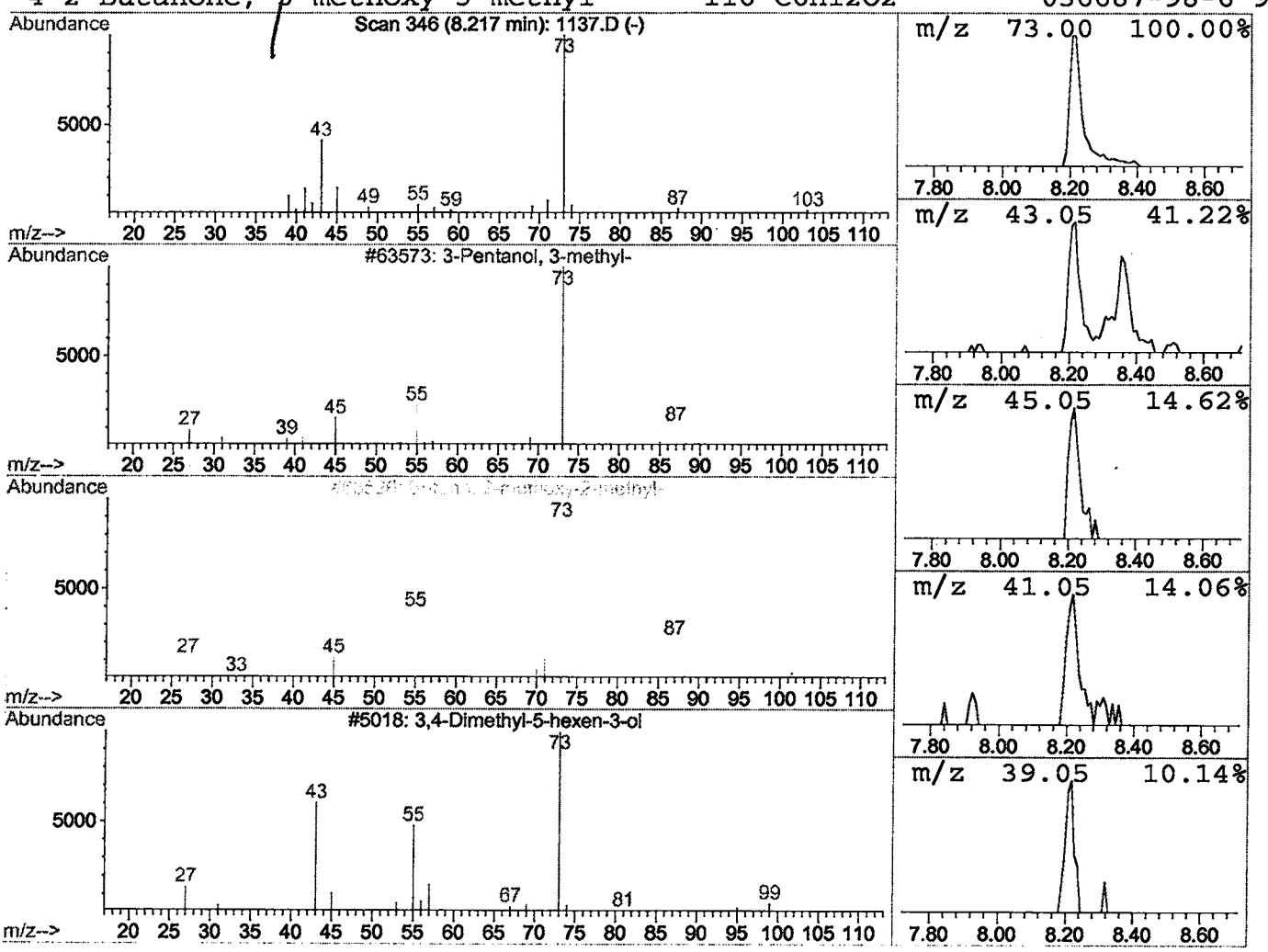
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	0.29 ug/l	40257	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
3	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

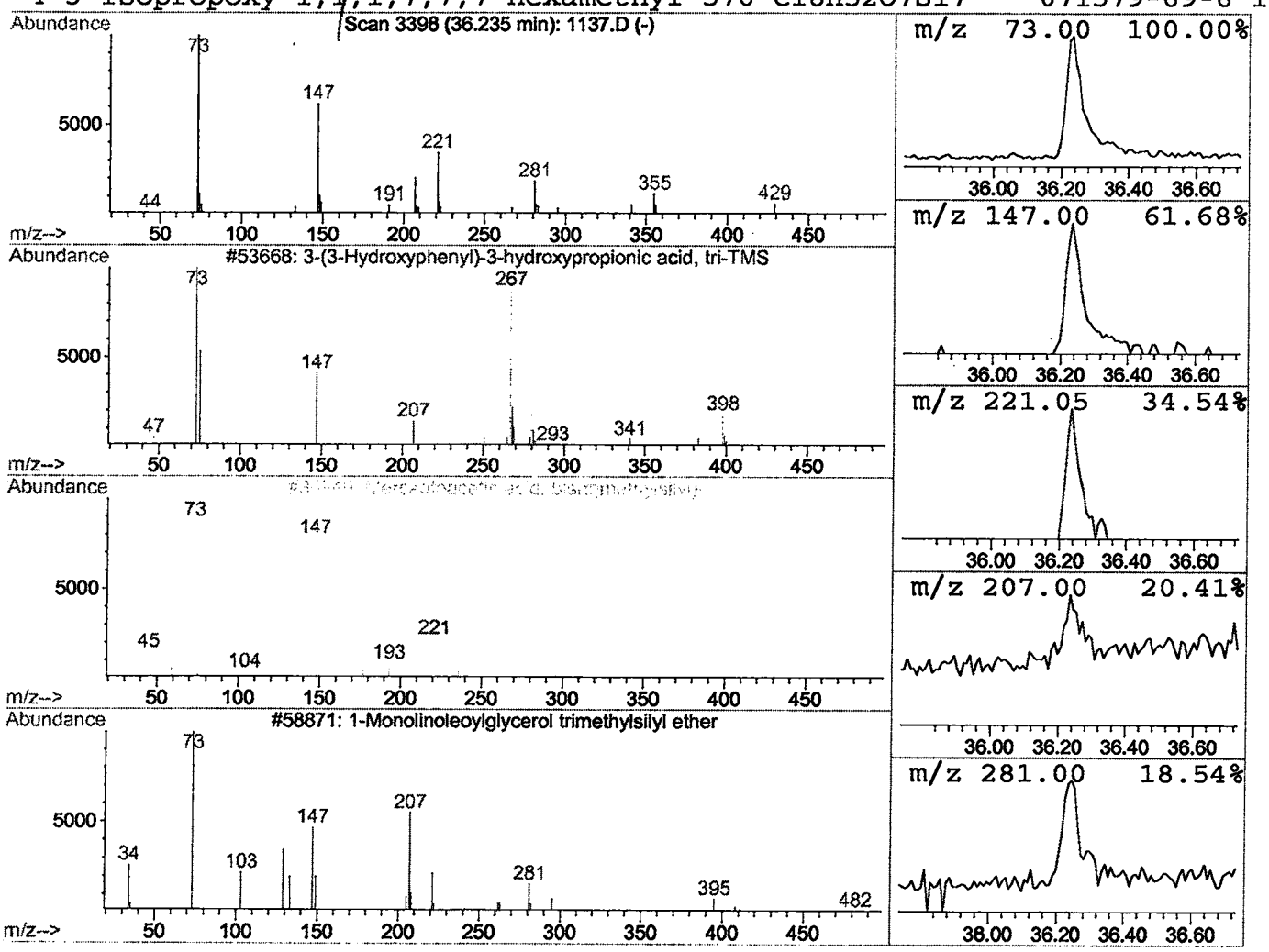
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-(3-Hydroxyphenyl)-3-hydroxyp Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.23	0.41 ug/l	46769	Perylene-d12	38.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	33
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	32
3	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	30
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

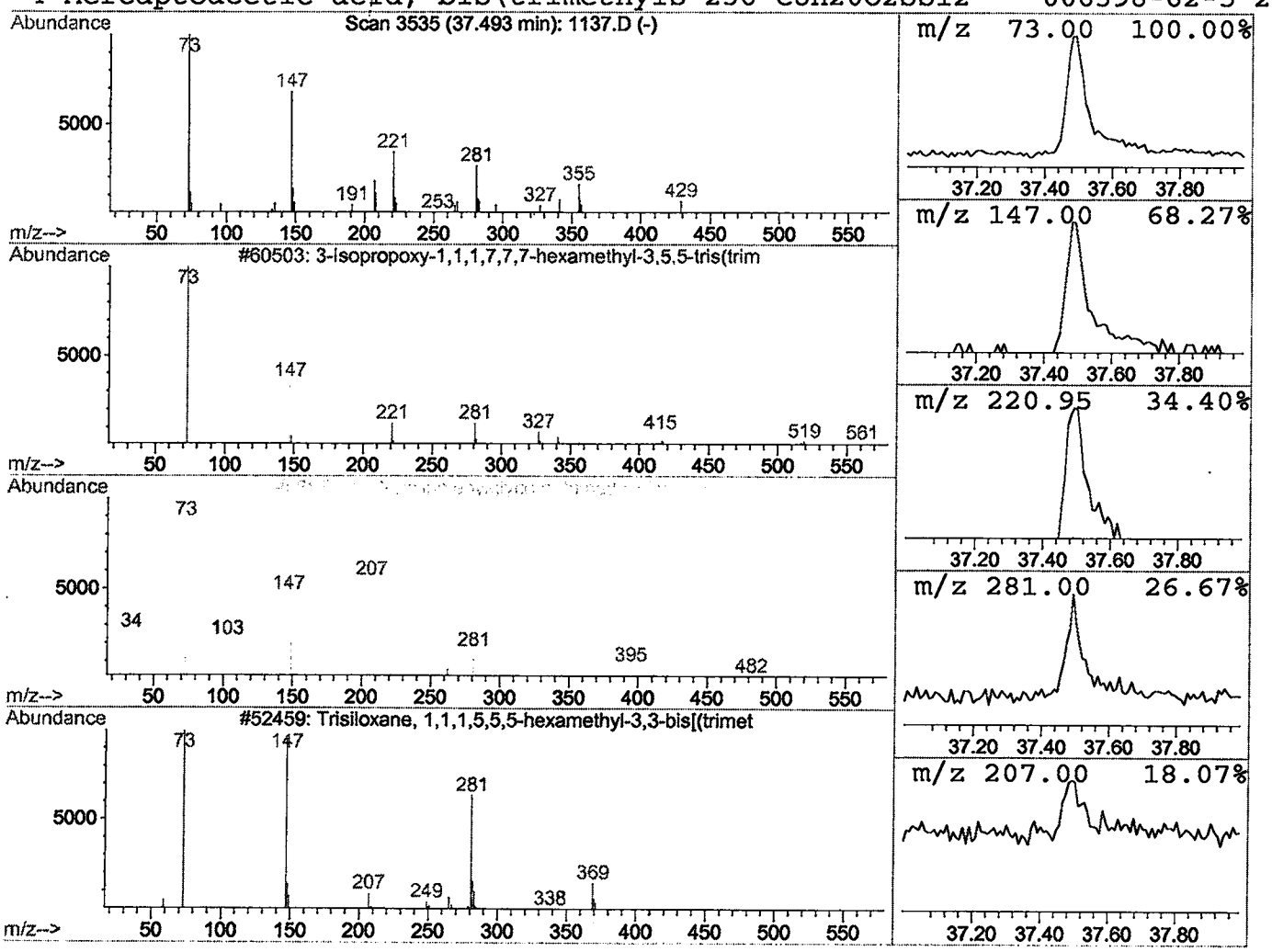
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.49	0.46 ug/l	52411	Perylene-d12	38.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	23
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D Vial: 10
Acq On : 16 Feb 2002 12:12 am Operator: 209 GALOS
Sample : gc/ms scan 1/16 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

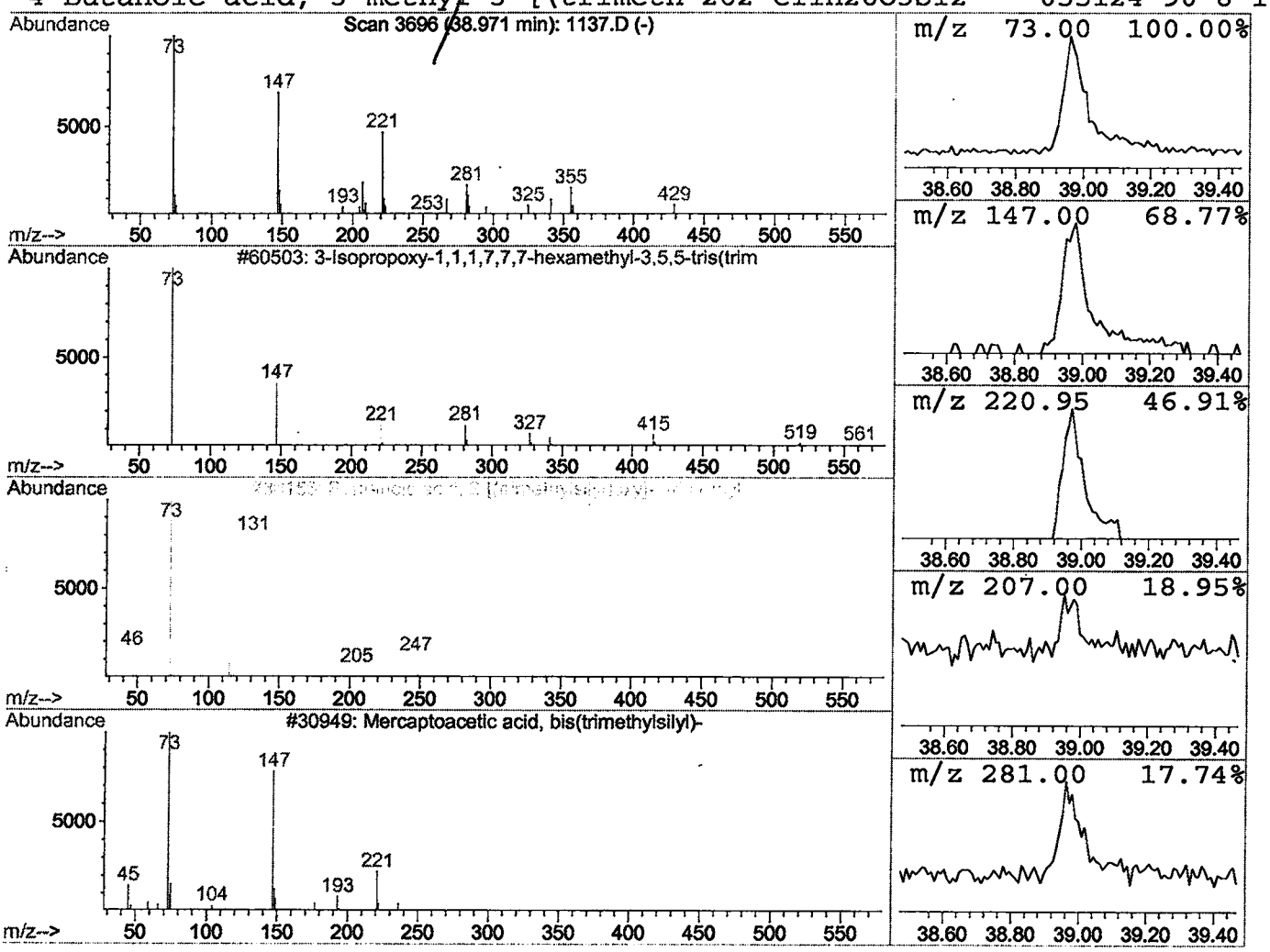
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.97	0.43 ug/l	49479	Perylene-d12	38.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
2	Pentanoic acid, 2-[(trimethylsilyl)	262	C11H26O3Si2	055887-46-2	12
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
4	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D
Acq On : 16 Feb 2002 12:12 am
Sample : gc/ms scan 1/16
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

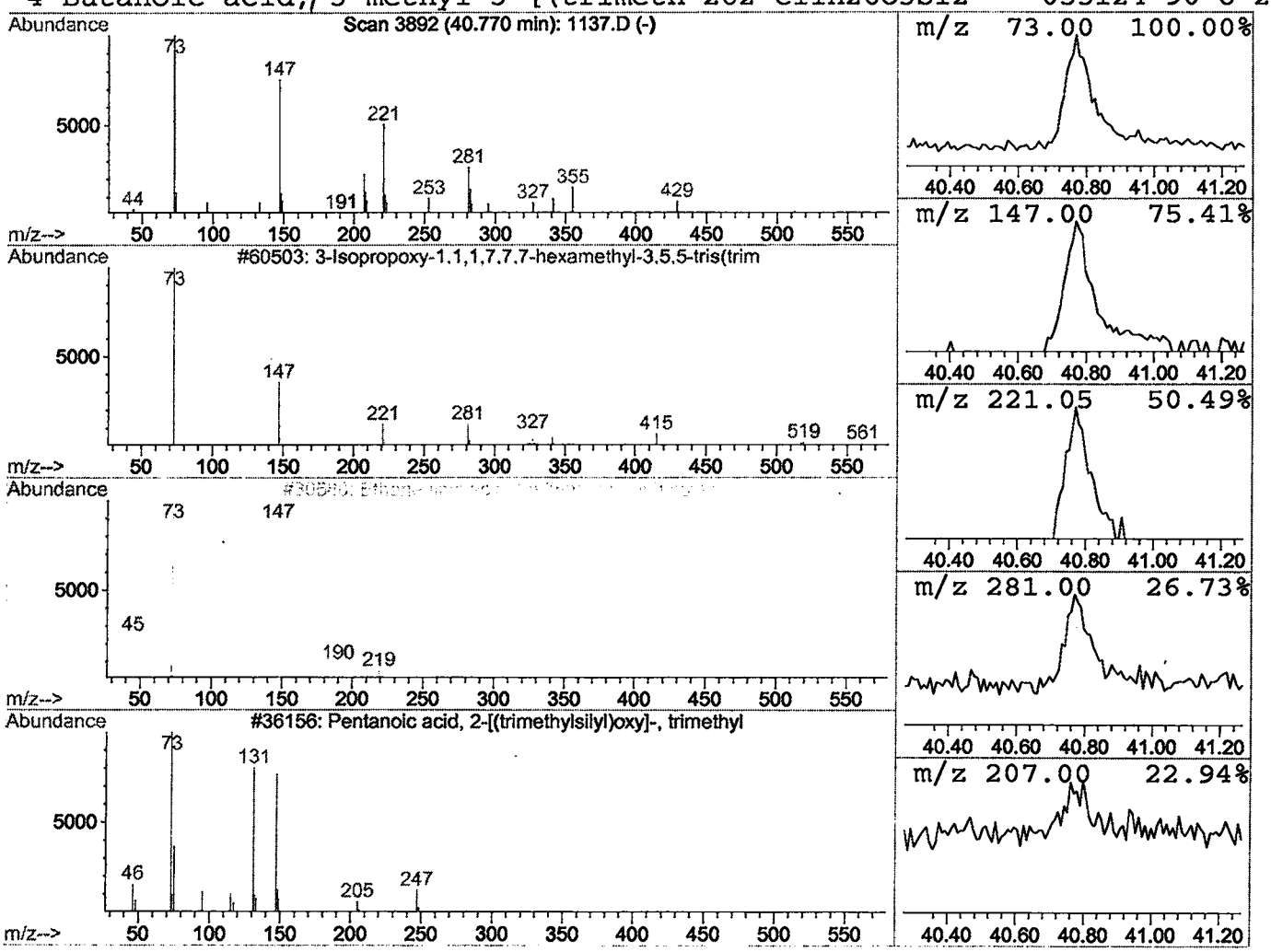
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.77	0.46 ug/l	52964	Perylene-d12	38.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	33
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22
3	Pentanoic acid, 2-[(trimethylsilyl)	262	C11H26O3Si2	055887-46-2	22
4	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1502\1137.D
Acq On : 16 Feb 2002 12:12 am
Sample : gc/ms scan 1/16
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

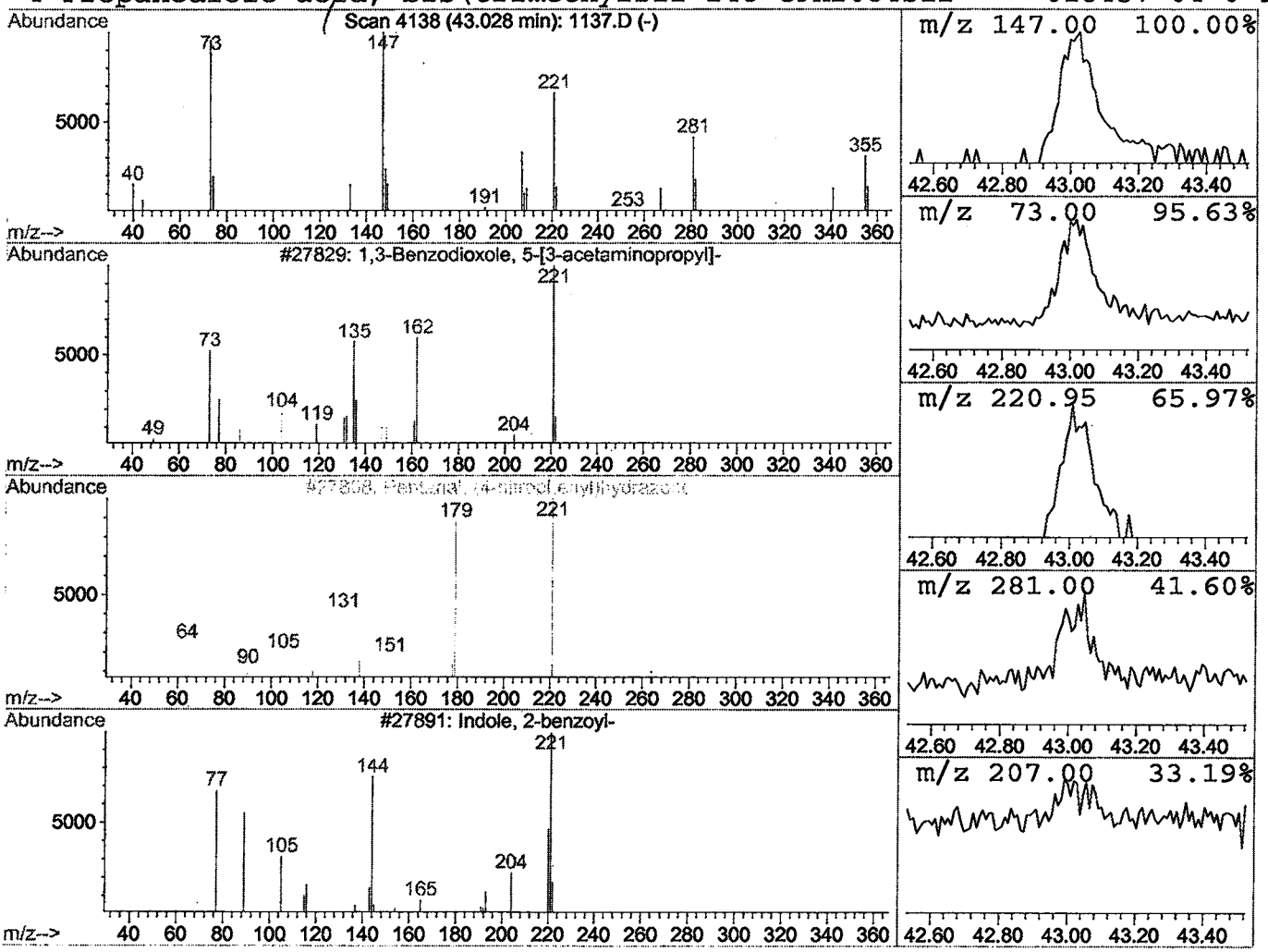
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,3-Benzodioxole, 5-[3-acetami Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.03	0.34 ug/l	38569	Perylene-d12	38.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	9
2	Pentanal, (4-nitrophenyl)hydrazone	221	C11H15N3O2	005873-64-3	9
3	Indole, 2-benzoyl-	221	C15H11NO	001022-86-2	9
4	Propanedioic acid, bis(trimethylsil	248	C9H20O4Si2	018457-04-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Feb 2002 12:12 am
Data File: C:\HPCHEM\1\DATA\FEB1502\1137.D
Name: gc/ms scan 1/16
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Pentanol, 3-methyl	8.22	0.3	ug/l	40257	ISTD01	12.33	2772360	20.0
3-(3-Hydroxyphenyl)-	36.23	0.4	ug/l	46769	ISTD06	38.09	2280950	20.0
3-Isopropoxy-1,1,1,7	37.49	0.5	ug/l	52411	ISTD06	38.09	2280950	20.0
3-Isopropoxy-1,1,1,7	38.97	0.4	ug/l	49479	ISTD06	38.09	2280950	20.0
3-Isopropoxy-1,1,1,7	40.77	0.5	ug/l	52964	ISTD06	38.09	2280950	20.0
1,3-Benzodioxole, 5-	43.03	0.3	ug/l	38569	ISTD06	38.09	2280950	20.0

column

1137.D GCMS0208.M Mon Mar 04 15:10:29 2002