User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:55:52

Sample: AE04801
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:55 Ended: 4/4/02 10:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1.	Other unknown compounds				
2.	Surr_2;4-DDD		124		5.0

Comments for Sample AE04801 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:55:55

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 10:01 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	385547	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1393428	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	788462	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1107933	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	546083	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	307576	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	68665	6.18	ug/mL	0.21
Spiked Amount 5.000			Recovery = 123.60%			
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	15.94	128	456	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	0.00	149	0	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\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 10:01 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

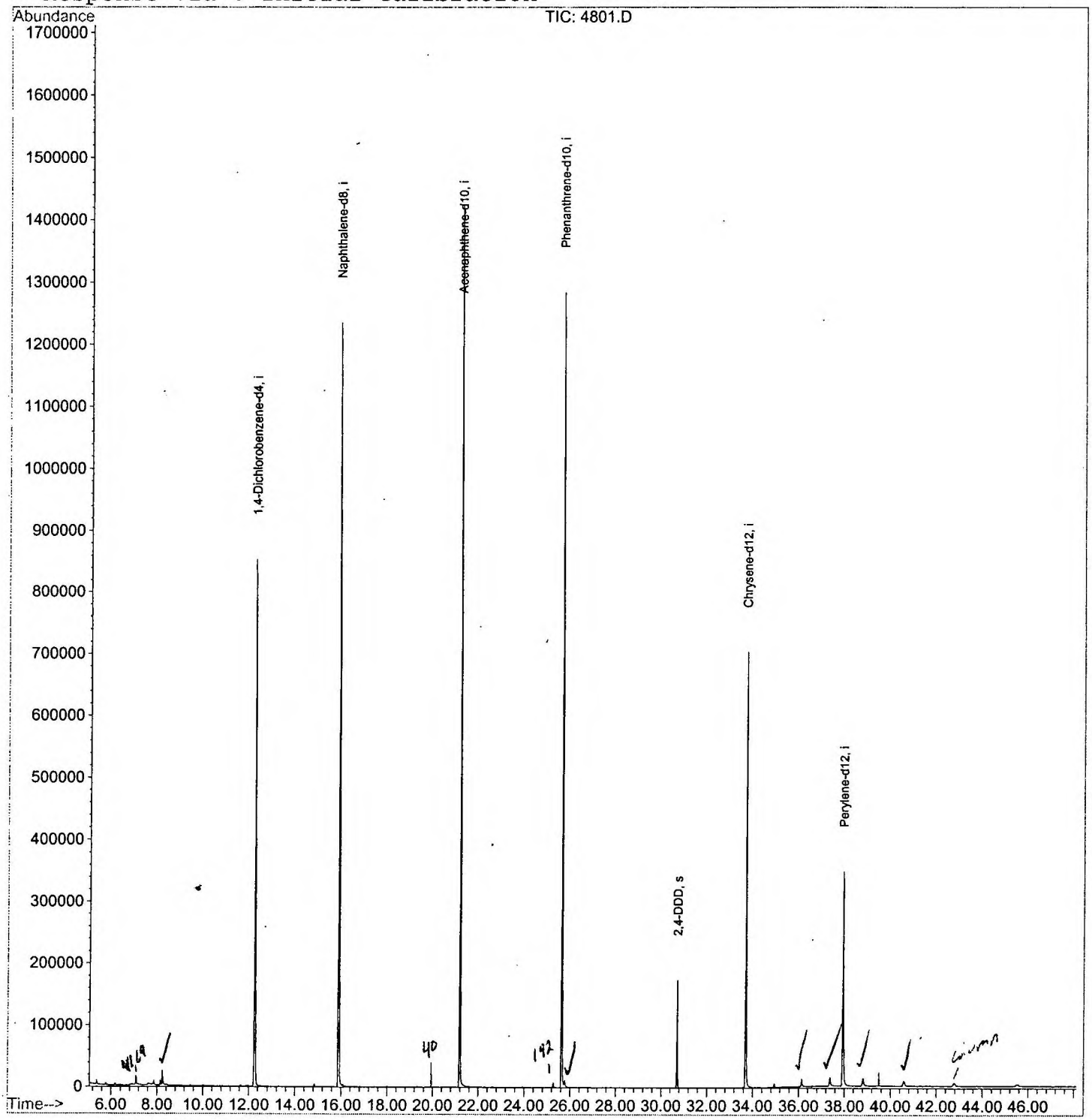
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.60	149	1263	N.D.	
36)	Fluoranthene	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	1174	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	978	N.D.	
43)	Chrysene	33.69	228	1174	N.D.	
45)	Di-n-Octylphthalate	35.66	149	554	N.D.	
46)	Benzo(b)fluoranthene	36.82	252	326	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	326	N.D.	
48)	Benzo(a)pyrene	37.76	252	173	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\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 10:01 2002 Quant Results File: GCMS0308.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

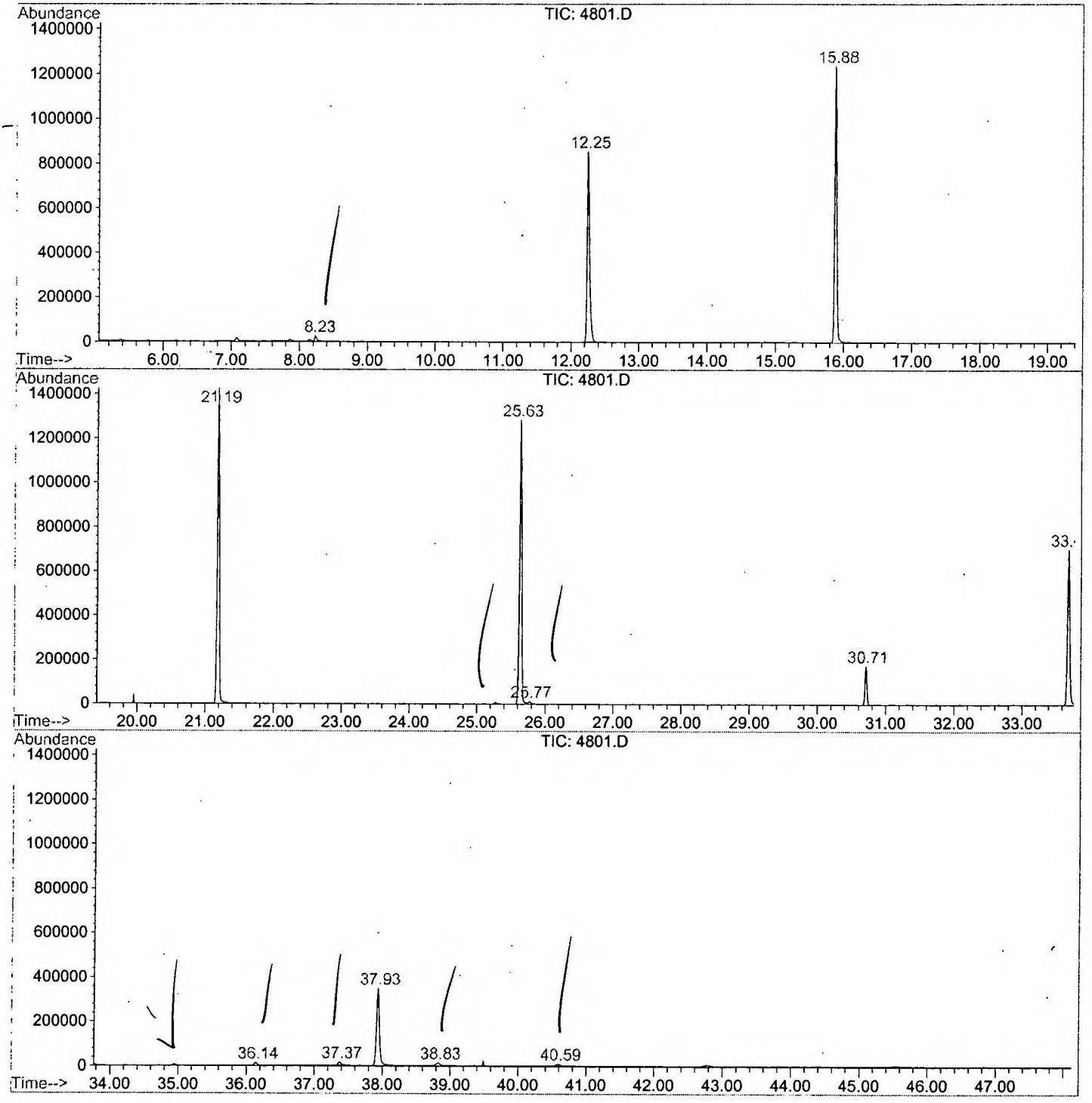
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.234	343	347	359	rVB	24168	55706	1.86%	0.407%
2	12.245	779	784	799	rVB	851759	2079323	69.49%	15.183%
3	15.881	1174	1180	1194	rBV	1235266	2641643	88.28%	19.288%
4	21.187	1752	1758	1769	rBV	1425428	2992390	100.00%	21.849%
5	25.630	2236	2242	2253	rBV2	1283844	2780963	92.93%	20.306%
6	25.768	2253	2257	2266	rVB	10551	31354	1.05%	0.229%
7	30.707	2789	2795	2802	rBV	174420	337053	11.26%	2.461%
8	33.691	3113	3120	3134	rBV2	703006	1573380	52.58%	11.488%
9	36.142	3381	3387	3396	rBV2	12953	40099	1.34%	0.293%
10	37.372	3515	3521	3527	rBV2	13594	43017	1.44%	0.314%
11	37.932	3573	3582	3594	rBV2	346814	1025225	34.26%	7.486%
12	38.832	3671	3680	3692	rBV3	12462	54602	1.82%	0.399%
13	40.594	3863	3872	3881	rBV6	8411	40712	1.36%	0.297%

Sum of corrected areas: 13695467

4801.D GCMS0308.M Mon Apr 01 10:14:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4801.D
Operator :
Acquired : 28 Mar 2002 8:27 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 13
Quant File :GCMS0308.RES (RTE Integrator)



4801.D GCMS0308.M Mon Apr 01 10:15:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

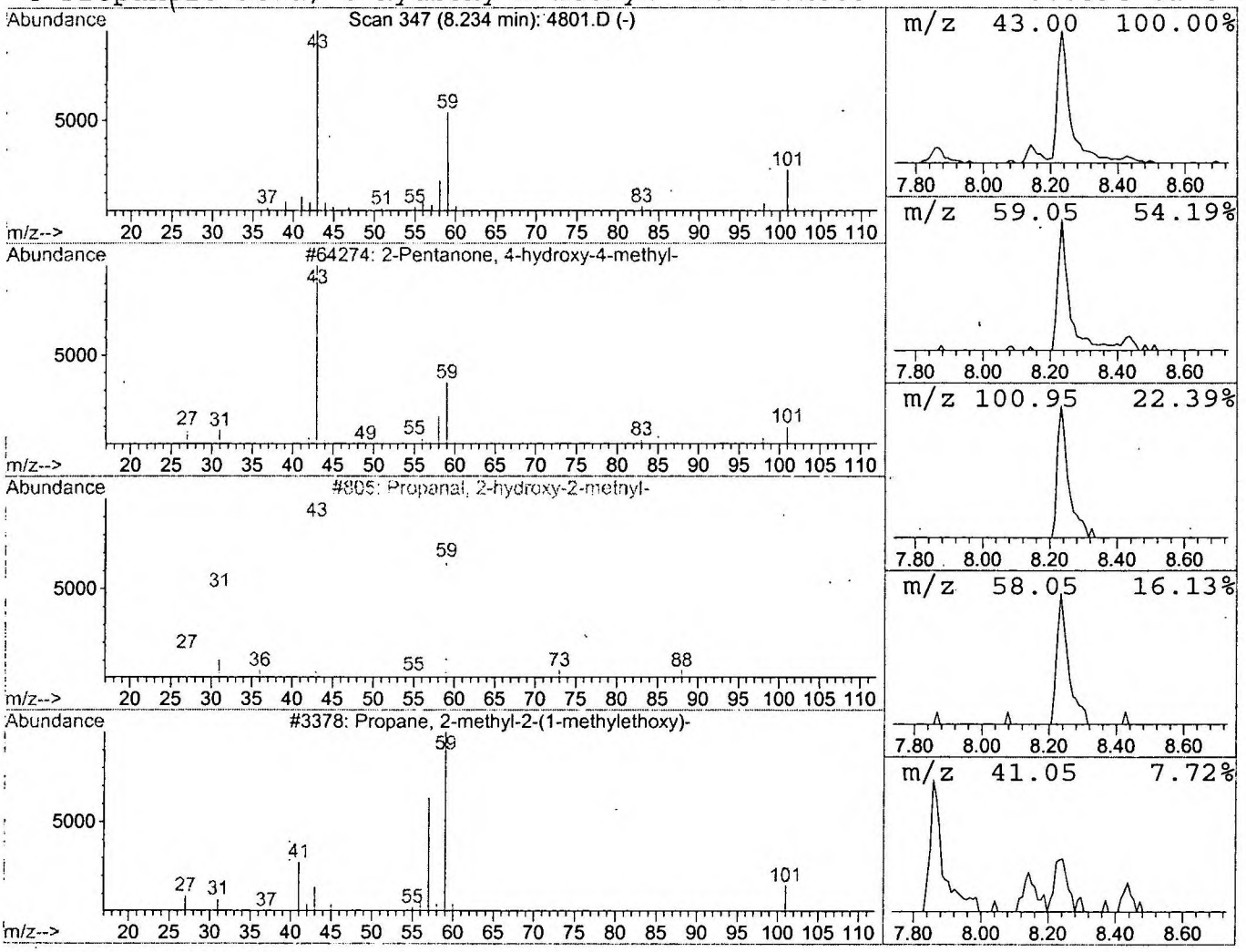
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	0.54 ug/l	55706	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	28
3	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	23
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

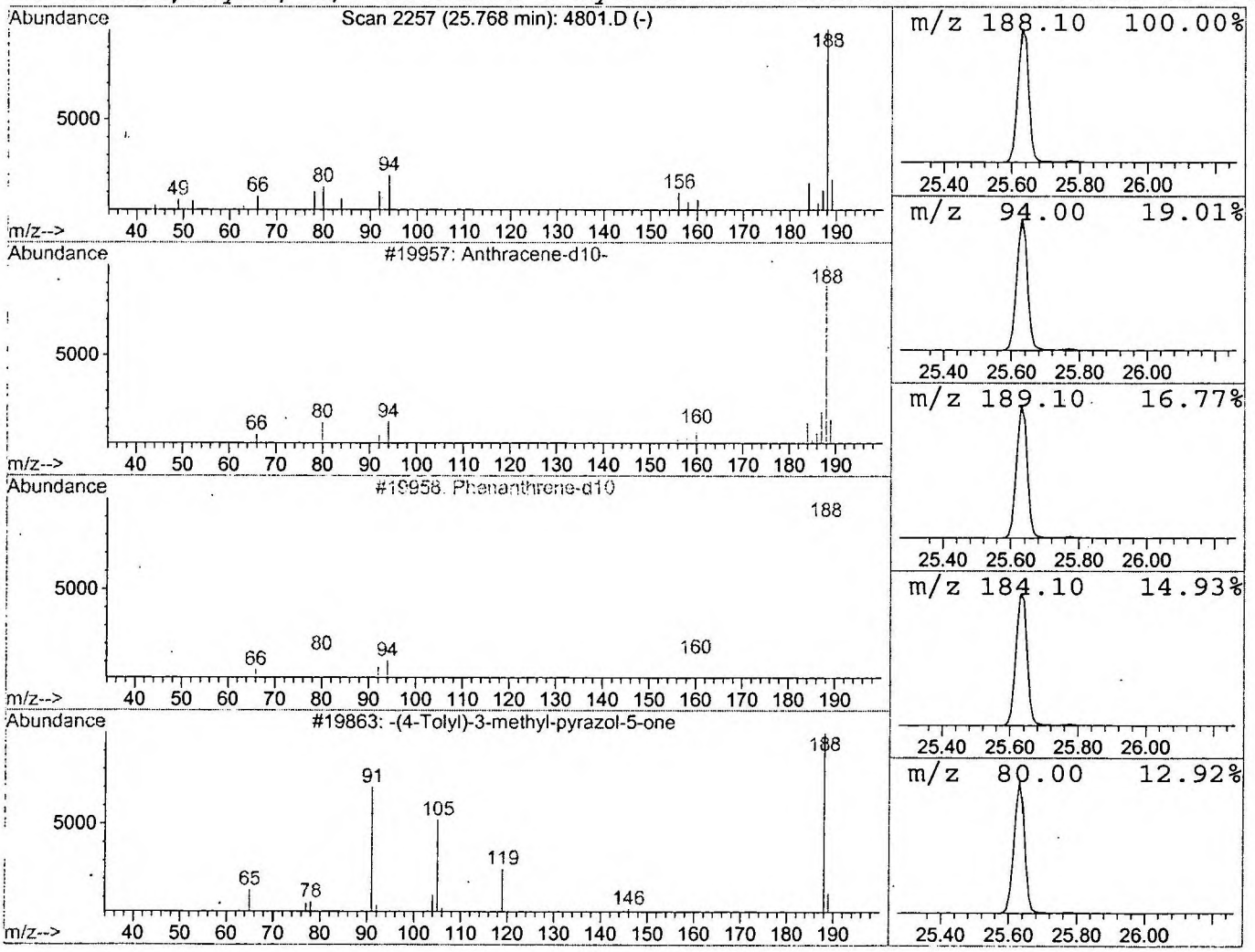
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	0.23 ug/l	31354	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	72
2	Phenanthrene-d10	188	C14D10	001517-22-2	56
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40
4	Benzaldehyde, 2,6-difluoro-4-hydrox	188	C8H6F2O3	000000-00-0	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

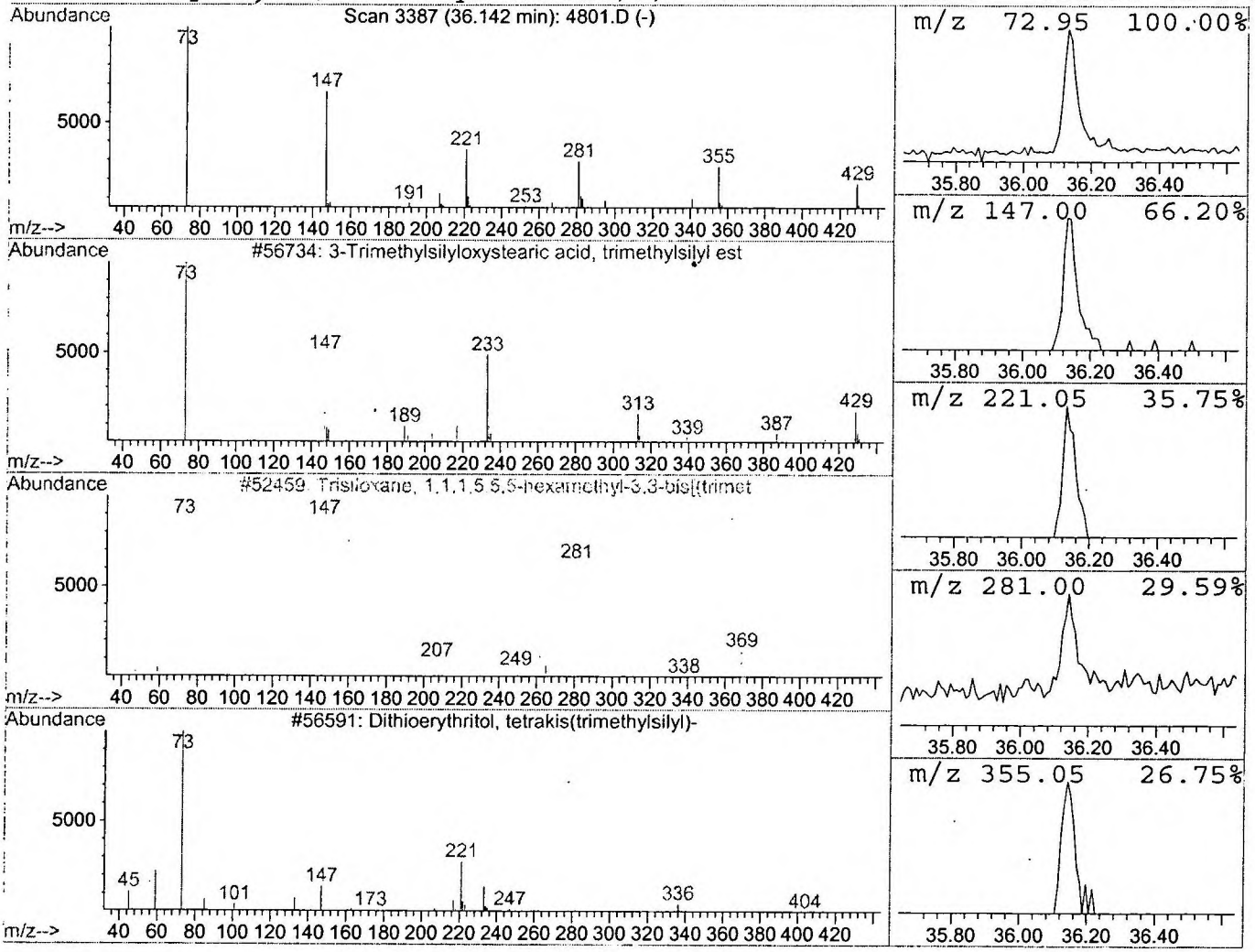
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Trimethylsilyloxystearic aci Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.14	0.78 ug/l	40099	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	25
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	17
3	Dithioerythritol, tetrakis(trimethy	442	C16H42O2S2Si4	000000-00-0	9
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

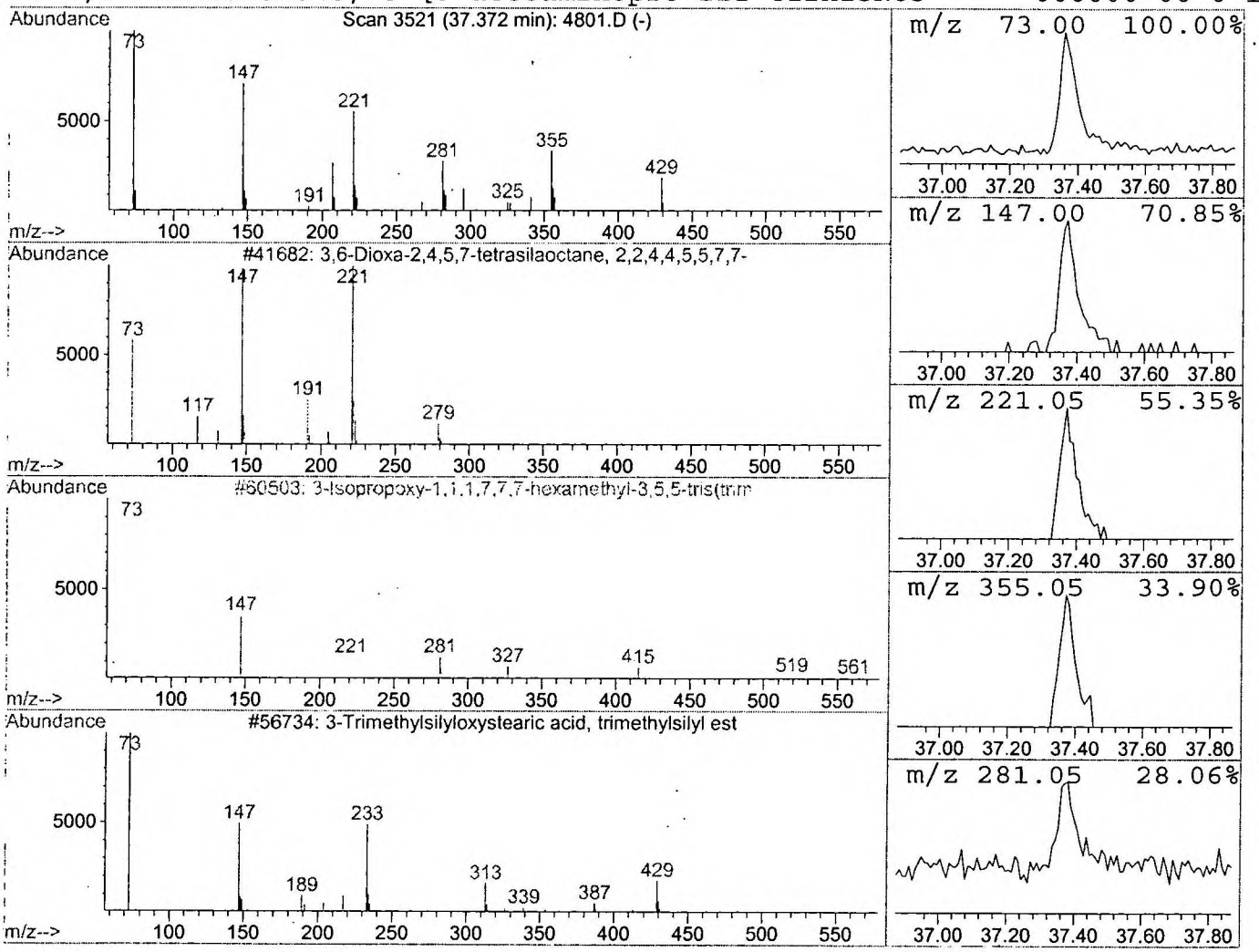
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.37	0.84 ug/l	43017	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	32
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	10
4	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

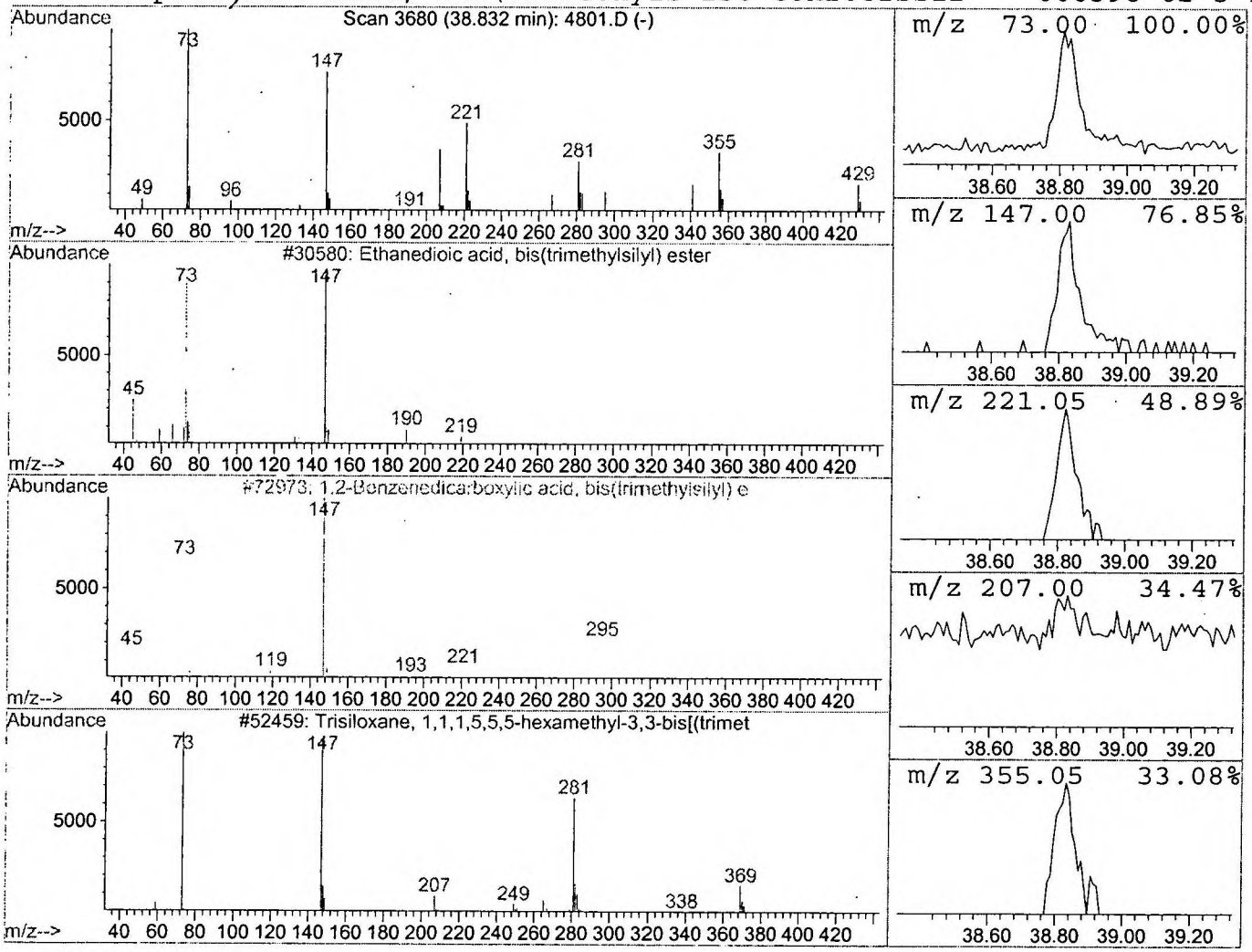
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Ethanedioic acid, bis(trimethy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.83	1.07 ug/l	54602	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	17
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4801.D Vial: 13
Acq On : 28 Mar 2002 8:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

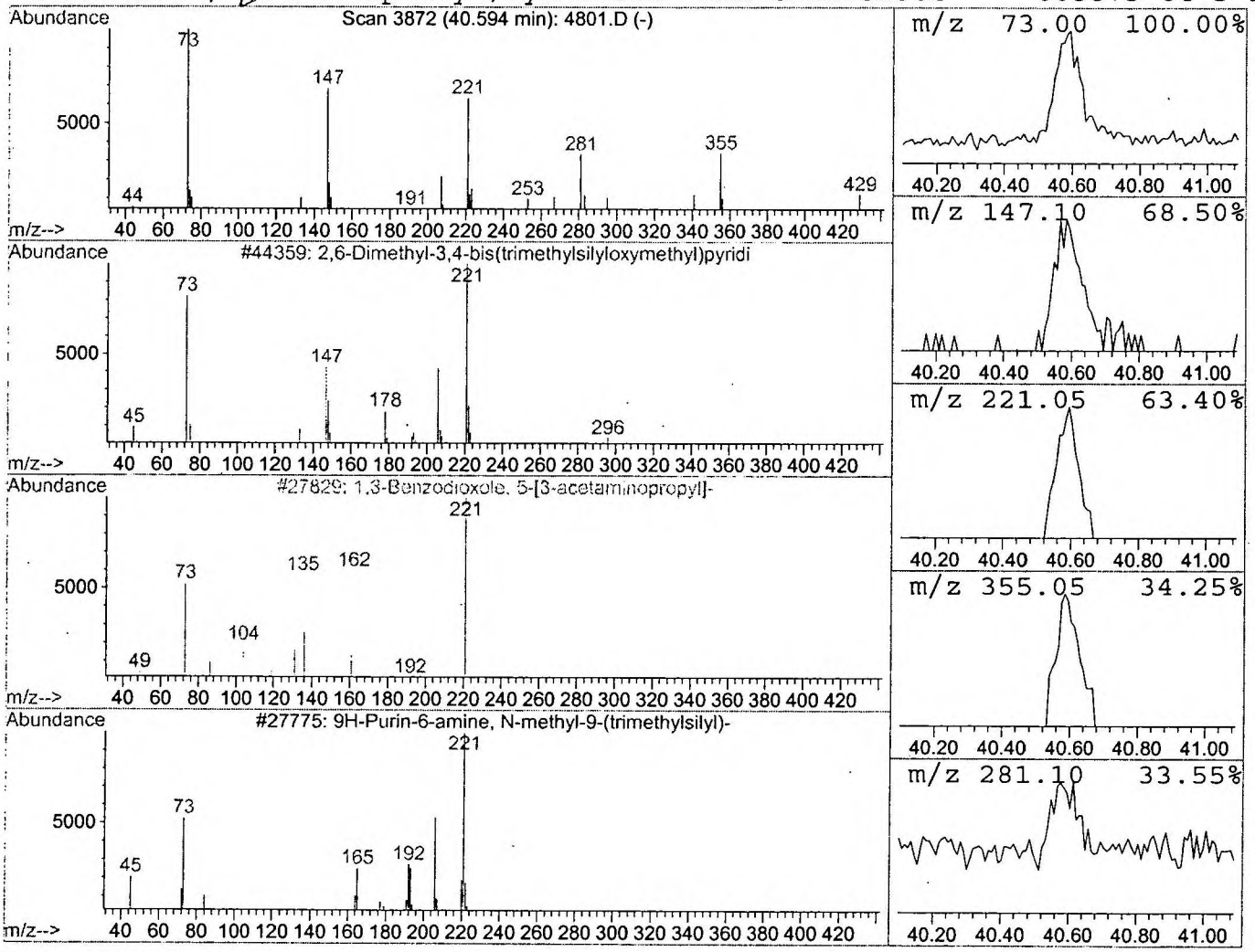
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2,6-Dimethyl-3,4-bis(trimethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.59	0.79 ug/l	40712	Perylene-d12	37.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16
2	1,3-Benzodioxole, 5-[3-acetaminopro	221	C12H15NO3	000000-00-0	9
3	9H-Purin-6-amine, N-methyl-9-(trime	221	C9H15N5Si	032865-83-1	9
4	Pentanal, (4-nitrophenyl)hydrazone	221	C11H15N3O2	005873-64-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 28 Mar 2002 8:27 pm
Data File: C:\HPCHEM\1\DATA\MAR2802\4801.D
Name: gc/ms scan 3/4
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
2-Pentanone, 4-hydro	8.23	0.5	ug/l	55706	ISTD01	12.25	2079320	20.0
Anthracene-d10-	25.77	0.2	ug/l	31354	ISTD04	25.63	2780960	20.0
3-Trimethylsilyloxys	36.14	0.8	ug/l	40099	ISTD06	37.93	1025230	20.0
3,6-Dioxa-2,4,5,7-te	37.37	0.8	ug/l	43017	ISTD06	37.93	1025230	20.0
Ethanedioic acid, bi	38.83	1.1	ug/l	54602	ISTD06	37.93	1025230	20.0
2,6-Dimethyl-3,4-bis	40.59	0.8	ug/l	40712	ISTD06	37.93	1025230	20.0

4801.D GCMS0308.M Mon Apr 01 10:15:39 2002