User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/26/2001 Time: 11:57:25

Sample: AD25460
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/26/01 11:57 Ended: 11/26/01 11:57 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25460 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-26-2001 Time: 11:57:29

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D Vial: 4
Acq On : 15 Nov 2001 7:13 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 20:02 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	676990	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2601243	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1308143	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.01	188	1966458	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1436003	20.00	ug/l	-0.01
68) Perylene-d12	37.15	264	1073348	20.00	ug/l	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
6) 2-Chlorophenol-d4	11.70	132	461	0.01	ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.14	152	807	0.03	ug/l	-0.10
Spiked Amount 50.000			Recovery =	0.06%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.74	172	1613	0.02	ug/l	0.13
Spiked Amount 50.000			Recovery =	0.04%		
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery =	0.00%		
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
8) Phenol	0.00	94	0	N.D.		
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
10) 2-Chlorophenol	0.00	128	0	N.D.		
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) 2-Methylphenol	0.00	108	0	N.D.		
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16) 3&4-Methylphenol	0.00	108	0	N.D.		
17) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D Vial: 4
Acq On : 15 Nov 2001 7:13 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 20:02 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23)	2-Nitrophenol	0.00	139	0	N.D.	
24)	2,4-Dimethylphenol	0.00	107	0	N.D.	
25)	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26)	2,4-Dichlorophenol	0.00	162	0	N.D.	
27)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28)	Naphthalene	15.38	128	674	N.D.	
29)	Hexachlorobutadiene	0.00	225	0	N.D.	
30)	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
34)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
35)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
36)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
37)	2-Chloronaphthalene	0.00	162	0	N.D.	
38)	Dimethylphthalate	0.00	163	0	N.D.	
39)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
40)	Acenaphthylene	0.00	152	0	N.D.	
41)	Acenaphthene	0.00	153	0	N.D.	
42)	2,4-Dinitrophenol	0.00	184	0	N.D.	
43)	4-Nitrophenol	20.69	65	115	N.D.	
44)	2,4-Dinitrotoluene	20.89	165	557	N.D.	
45)	Diethylphthalate	0.00	149	0	N.D.	
46)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
47)	Fluorene	0.00	166	0	N.D.	
48)	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
52)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
53)	Hexachlorobenzene	0.00	284	0	N.D.	
54)	Pentachlorophenol	0.00	266	0	N.D.	
55)	Phenanthrene	25.08	178	421	N.D.	
56)	Anthracene	25.08	178	421	N.D.	
57)	Di-n-butylphthalate	27.03	149	2128	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.06	228	3650	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.32	149	490	N.D.	
67)	Chrysene	33.06	228	3650	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D Vial: 4
Acq On : 15 Nov 2001 7:13 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 15 20:02 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.16	252	4134	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

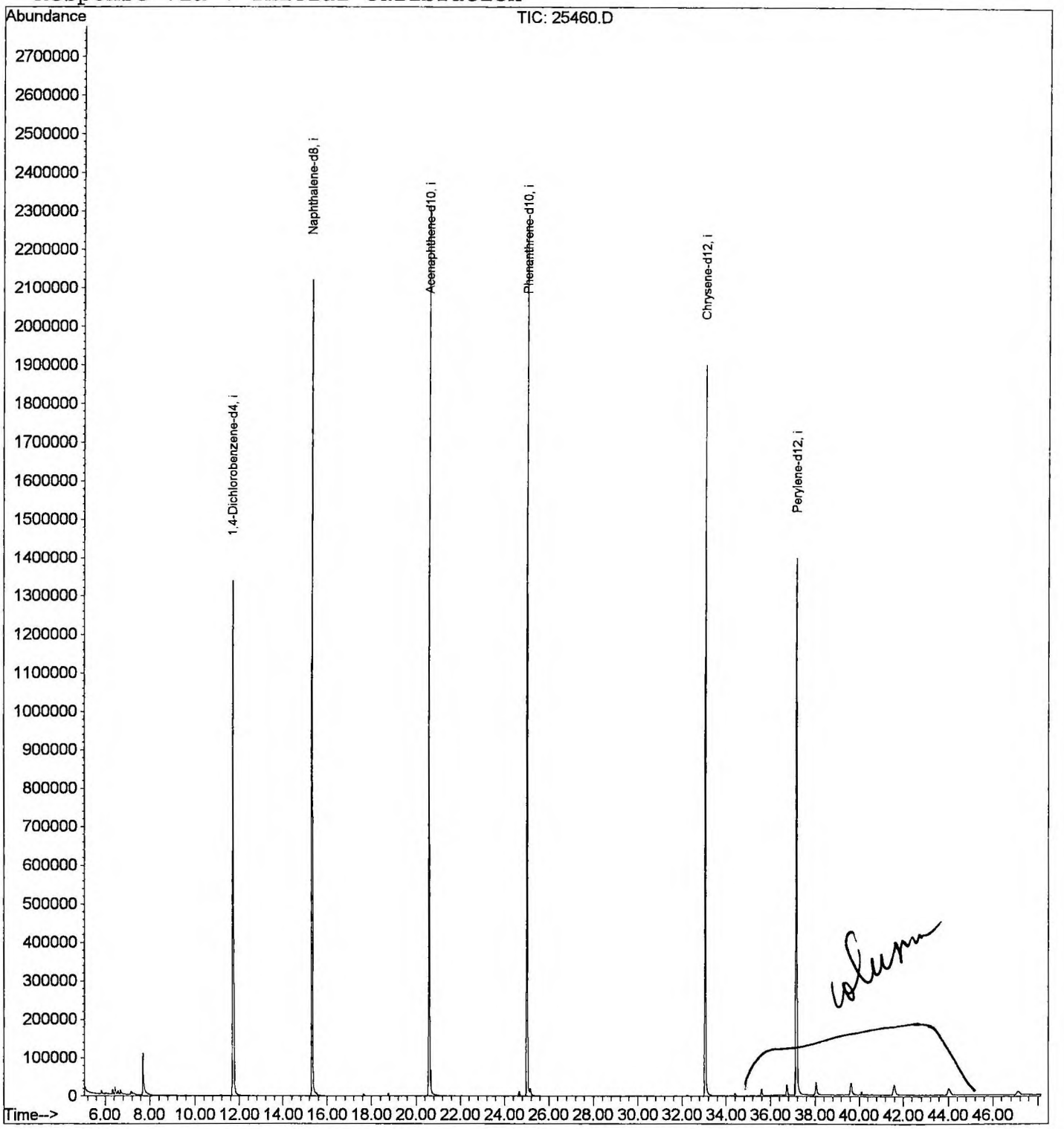
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 15 20:02 2001

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D Vial: 4
Acq On : 15 Nov 2001 7:13 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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

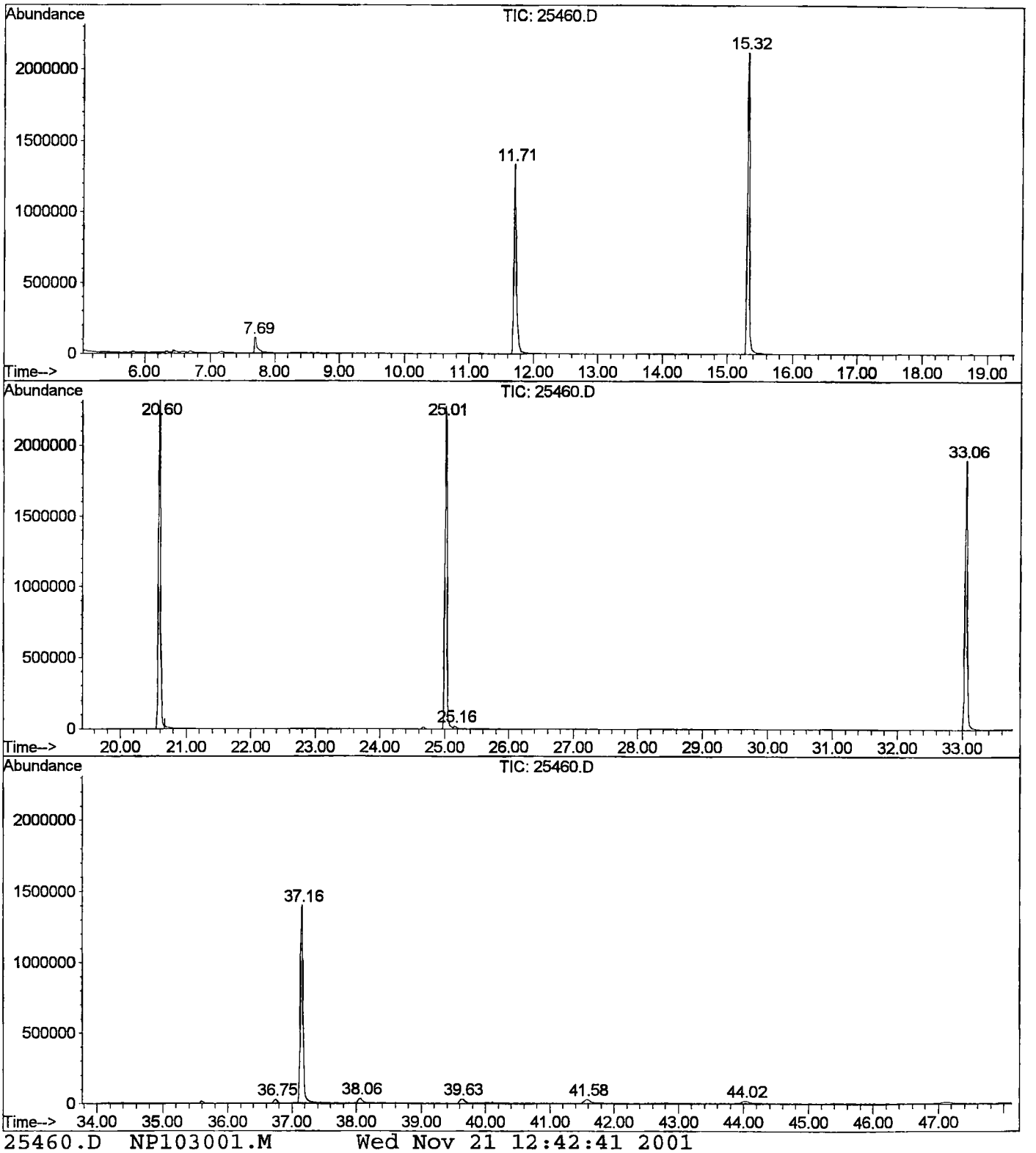
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.691	285	288	312	rBV	107847	334320	6.50%	1.189%
2	11.712	720	726	751	rBV	1338268	3536521	68.78%	12.582%
3	15.320	1113	1119	1133	rBV	2120007	4708515	91.58%	16.752%
4	20.599	1687	1694	1701	rBV	2315077	5141525	100.00%	18.293%
5	25.014	2169	2175	2187	rBV2	2273335	5096696	99.13%	18.133%
6	25.161	2187	2191	2199	rVB	16665	56242	1.09%	0.200%
7	33.056	3044	3051	3067	rBV	1899824	4517315	87.86%	16.072%
8	36.747	3447	3453	3461	rBV2	26560	84883	1.65%	0.302%
9	37.160	3488	3498	3525	rBV2	1398767	4070164	79.16%	14.481%
10	38.060	3588	3596	3605	rBV3	31805	124984	2.43%	0.445%
11	39.629	3758	3767	3779	rBV2	30065	153661	2.99%	0.547%
12	41.576	3967	3979	3994	rBV5	26650	166853	3.25%	0.594%
13	44.018	4234	4245	4260	rBV5	15980	115543	2.25%	0.411%

Sum of corrected areas: 28107222

25460.D NP103001.M Wed Nov 21 12:42:39 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Operator : 209 GALOS
Acquired : 15 Nov 2001 7:13 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 4
Quant File :NP103001.RES (RTE Integrator)



25460.D NP103001.M Wed Nov 21 12:42:41 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

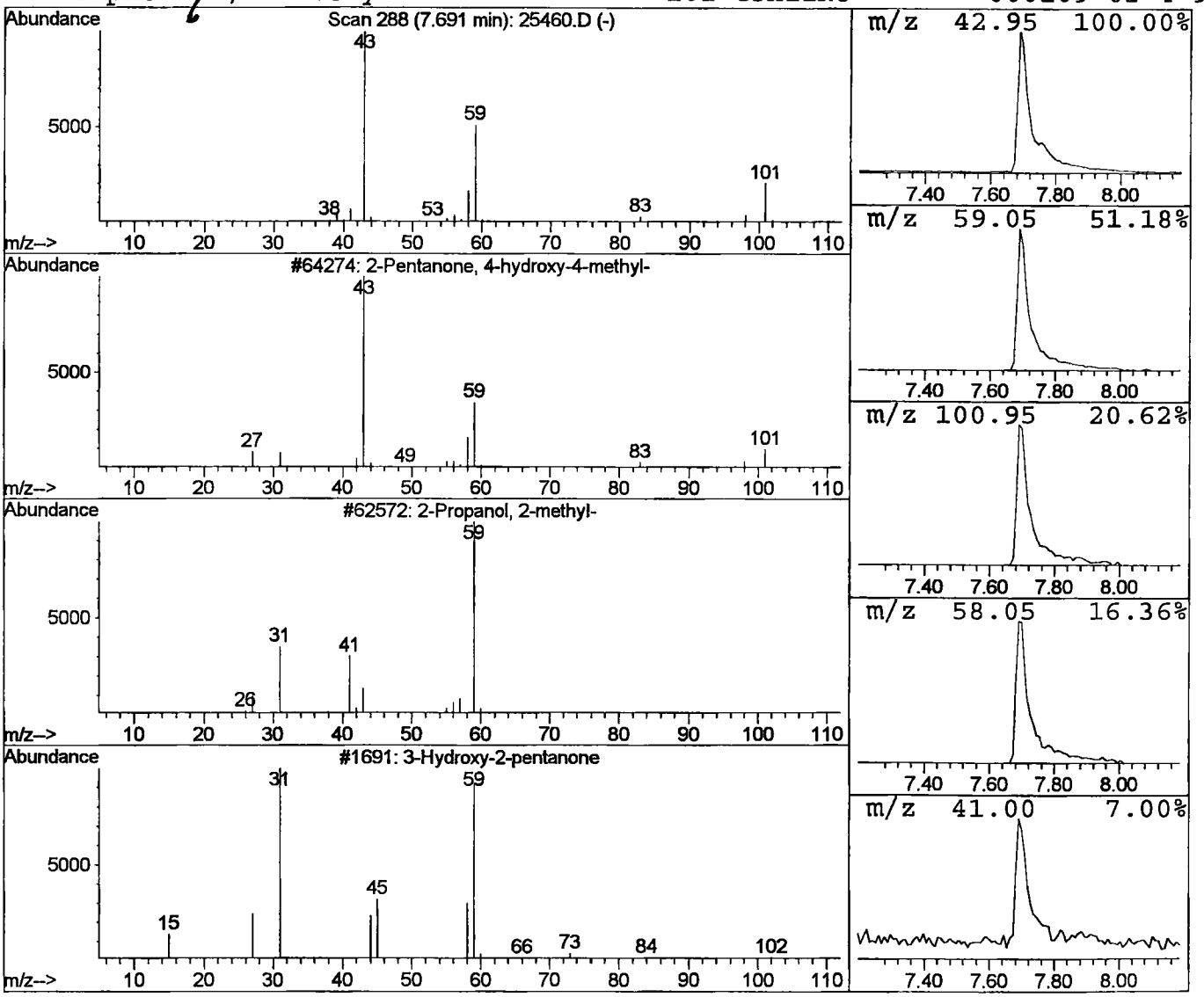
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.89 ug/l	334320	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

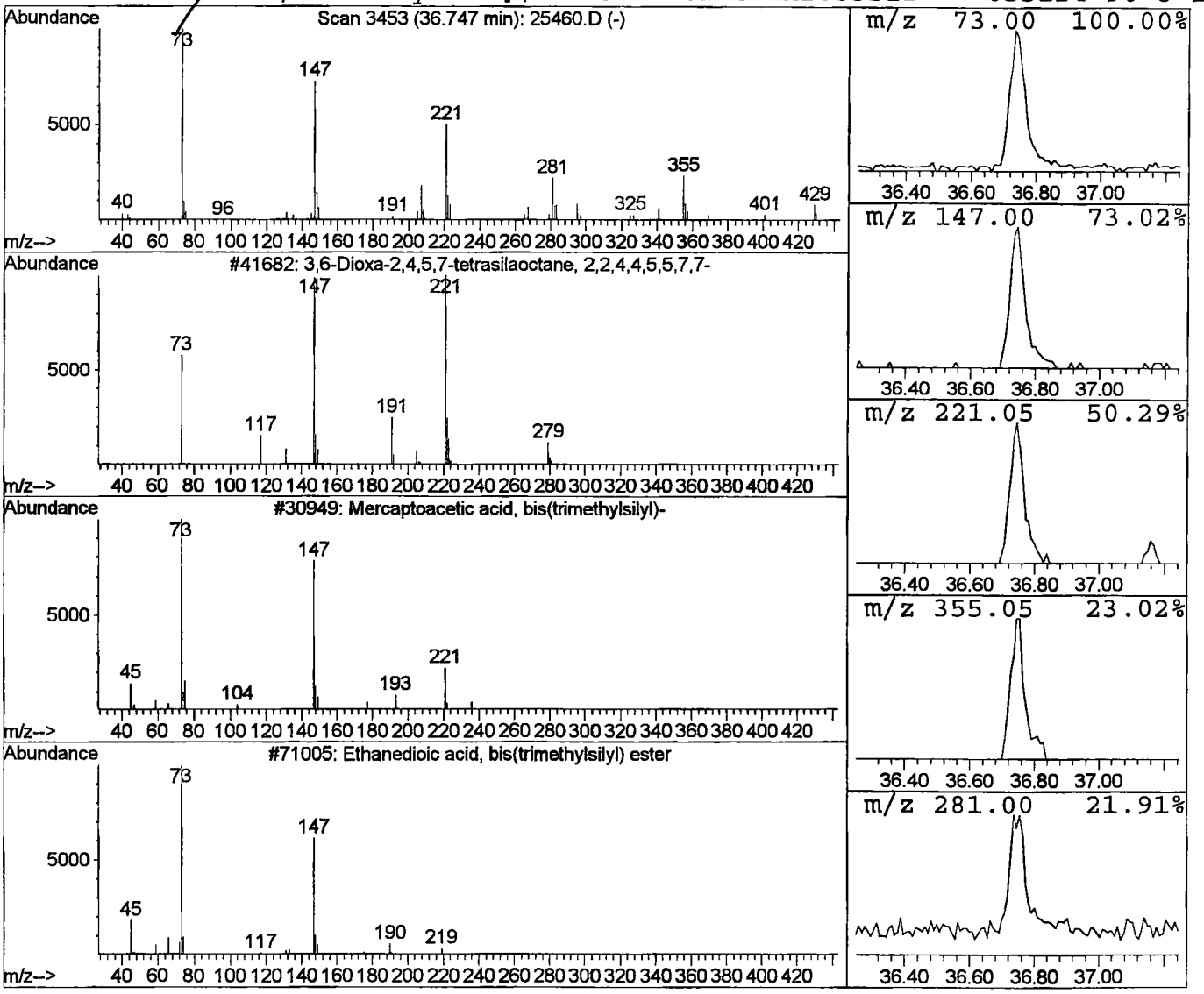
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.75	0.42 ug/l	84883	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	40
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	23
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22
4	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

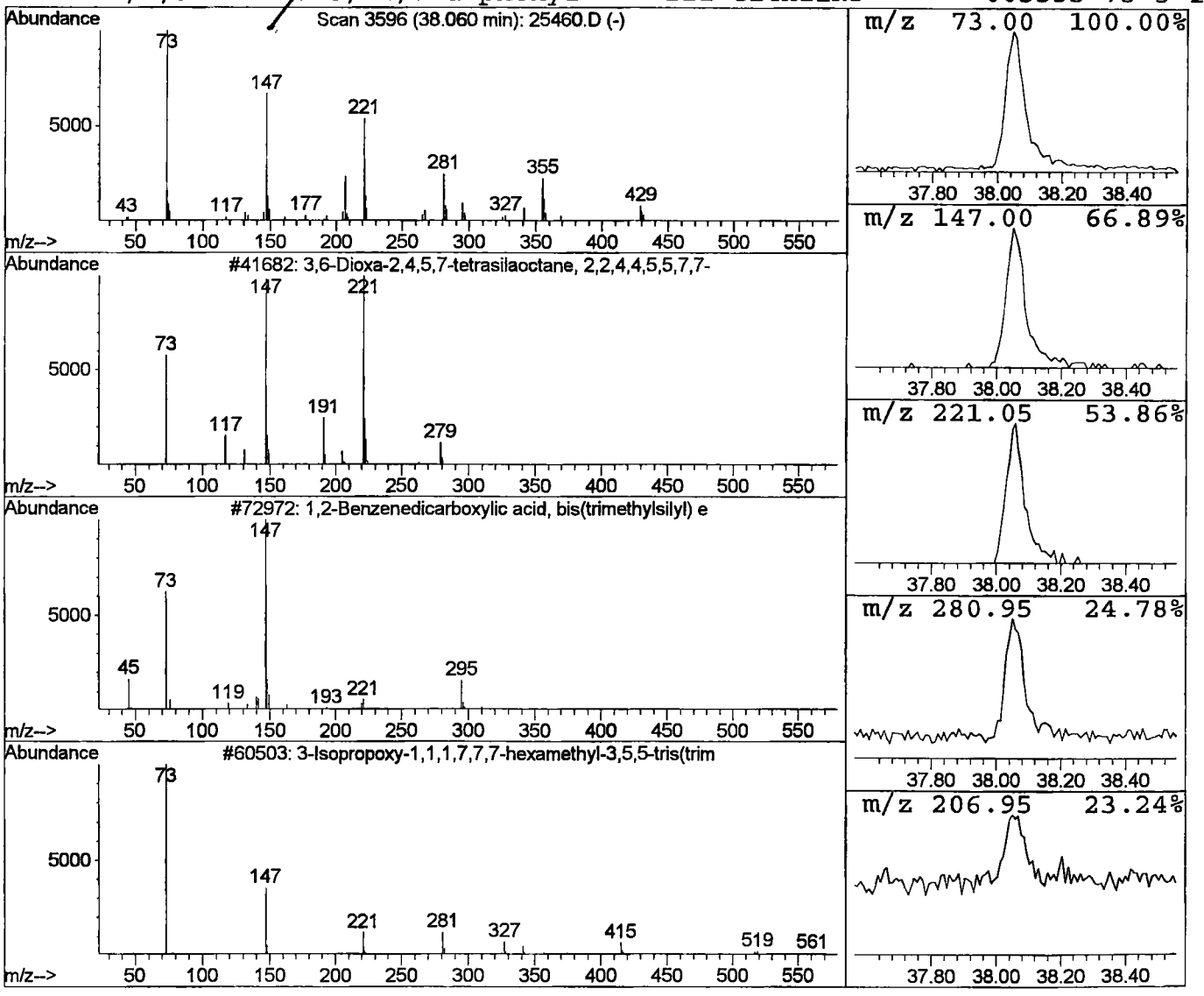
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.06	0.61 ug/l	124984	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	37
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
4	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

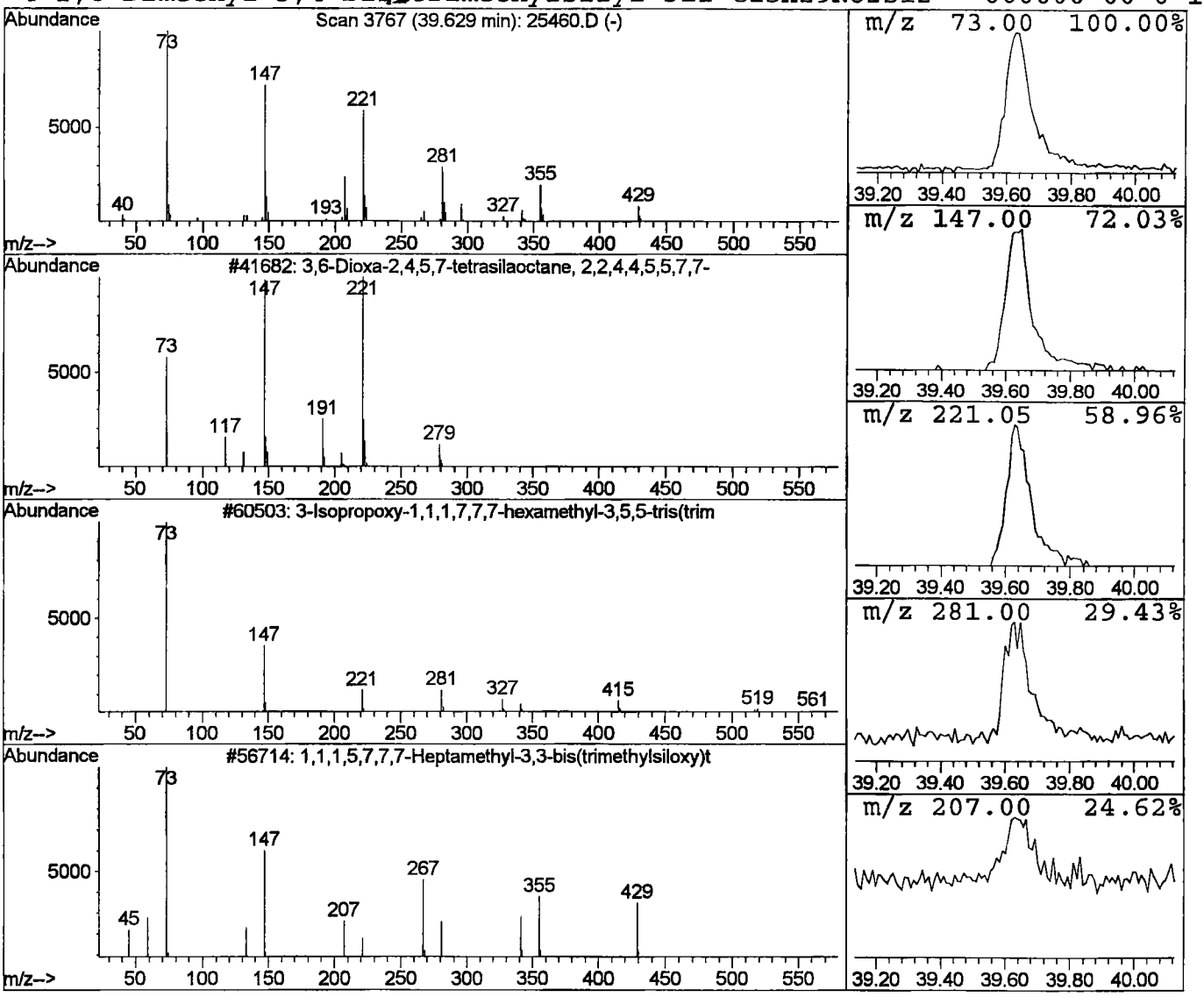
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.63	0.76 ug/l	153661	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

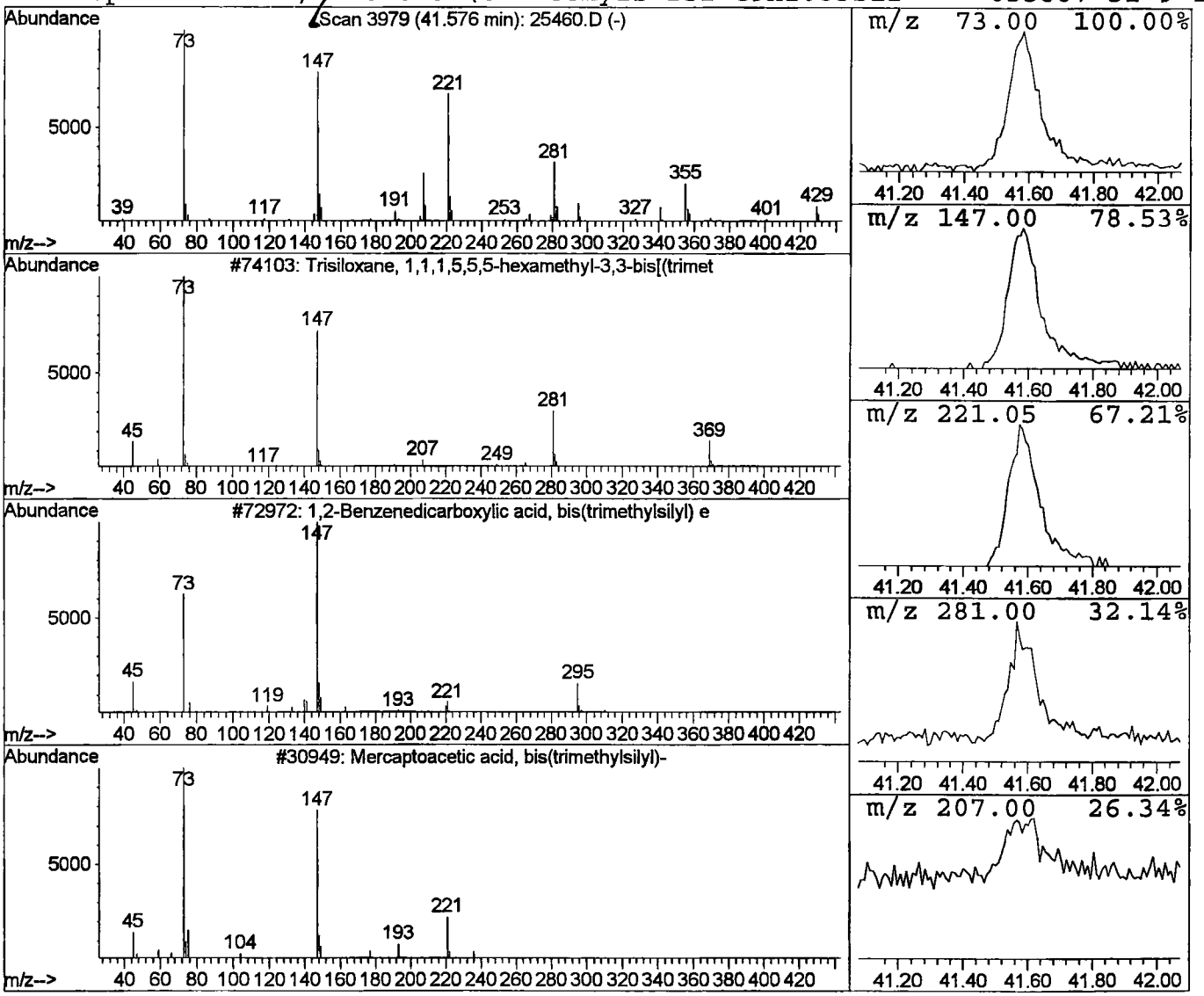
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.58	0.82 ug/l	166853	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	32
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	17
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	17
4	Propanoic acid, 2-oxo-3-(trimethyls	232	C9H20O3Si2	055887-51-9	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1501\25460.D
Acq On : 15 Nov 2001 7:13 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

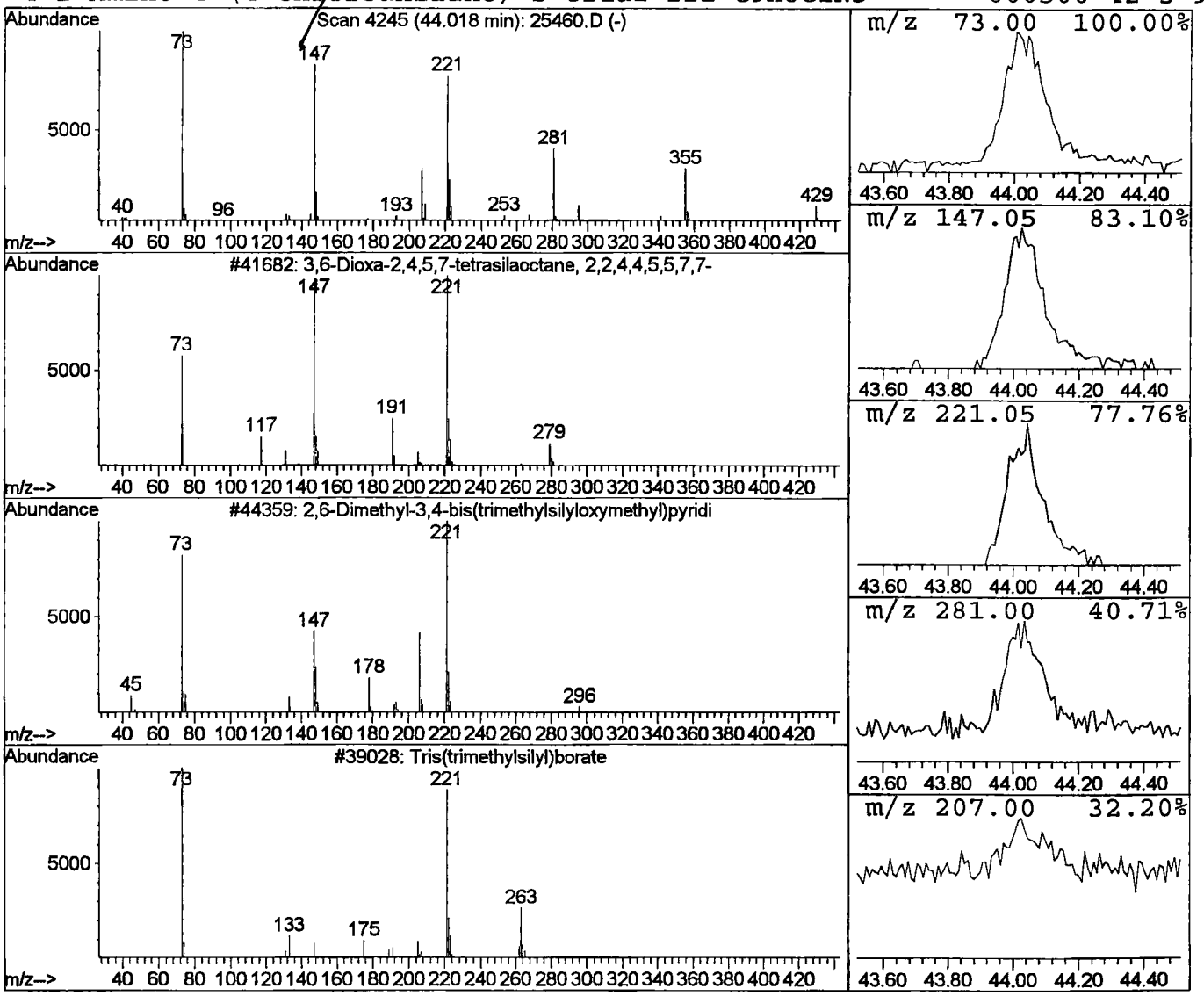
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.02	0.57 ug/l	115543	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	38
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10
4	2-Amino-4-(4-chloroanilino)-S-triaz	221	C9H8ClN5	000500-42-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Nov 2001 7:13 pm
Data File: C:\HPCHEM\1\DATA\NOV1501\25460.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	7.69	1.9	ug/l	334320	ISTD01	11.71	3536520	20.0
3,6-Dioxa-2,4,5,7-te	36.75	0.4	ug/l	84883	ISTD06	37.15	4070160	20.0
3,6-Dioxa-2,4,5,7-te	38.06	0.6	ug/l	124984	ISTD06	37.15	4070160	20.0
3,6-Dioxa-2,4,5,7-te	39.63	0.8	ug/l	153661	ISTD06	37.15	4070160	20.0
Trisiloxane, 1,1,1,5	41.58	0.8	ug/l	166853	ISTD06	37.15	4070160	20.0
3,6-Dioxa-2,4,5,7-te	44.02	0.6	ug/l	115543	ISTD06	37.15	4070160	20.0

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