User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/26/2001 Time: 12:04:53

Sample: AD25461
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/26/01 12:04 Ended: 11/26/01 12:04 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD25461 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 11-26-2001 Time: 12:04:58

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\NOV1601\25461.D Vial: 3
Acq On : 16 Nov 2001 4:59 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 16 17:48 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	660761	20.00 ug/l	-0.01
19) Naphthalene-d8	15.32	136	2500419	20.00 ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1241919	20.00 ug/l	-0.01
49) Phenanthrene-d10	25.01	188	1859446	20.00 ug/l	-0.02
59) Chrysene-d12	33.06	240	1373012	20.00 ug/l	-0.01
68) Perylene-d12	37.15	264	1033239	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	11.71	132	343	0.01 ug/l	0.47
Spiked Amount 75.000			Recovery =	0.01%	
7) 1,2-Dichlorobenzene-d4	12.24	152	979	0.03 ug/l	-0.01
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	1772	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)

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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	0.00	128	0	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	0.00	65	0	N.D.	
44)	2,4-Dinitrotoluene	20.93	165	394	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	25.01	178	662	N.D.	
56)	Anthracene	25.01	178	662	N.D.	
57)	Di-n-butylphthalate	27.03	149	2606	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	3394	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.33	149	670	N.D.	
67)	Chrysene	33.06	228	3394	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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Quantitation Report (QT Reviewed)

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Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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	3919	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\NOV1601\25461.D
Acq On : 16 Nov 2001 4:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 16 17:48 2001

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: NP103001.RES

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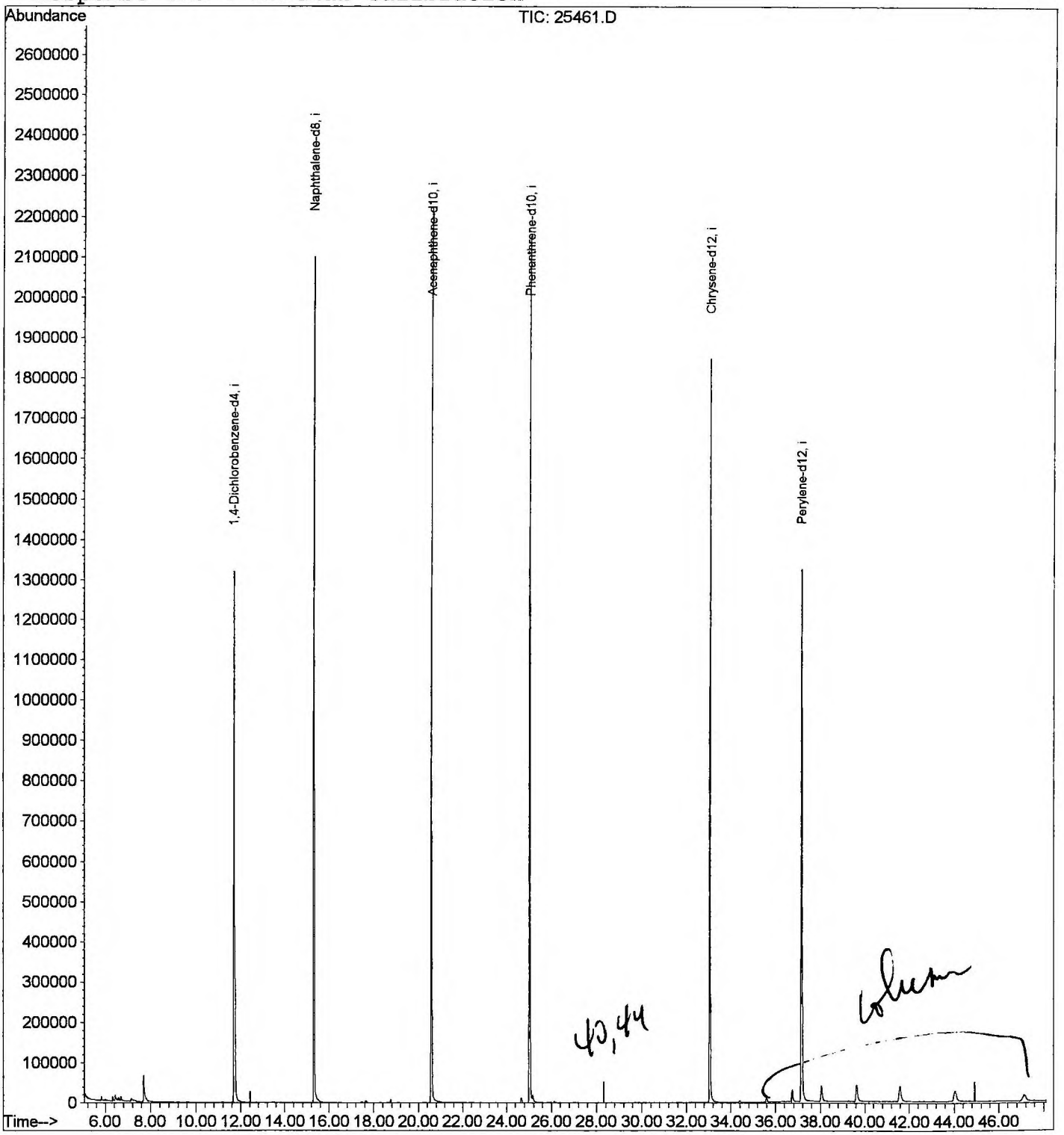
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25461.D Vial: 3
Acq On : 16 Nov 2001 4:59 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

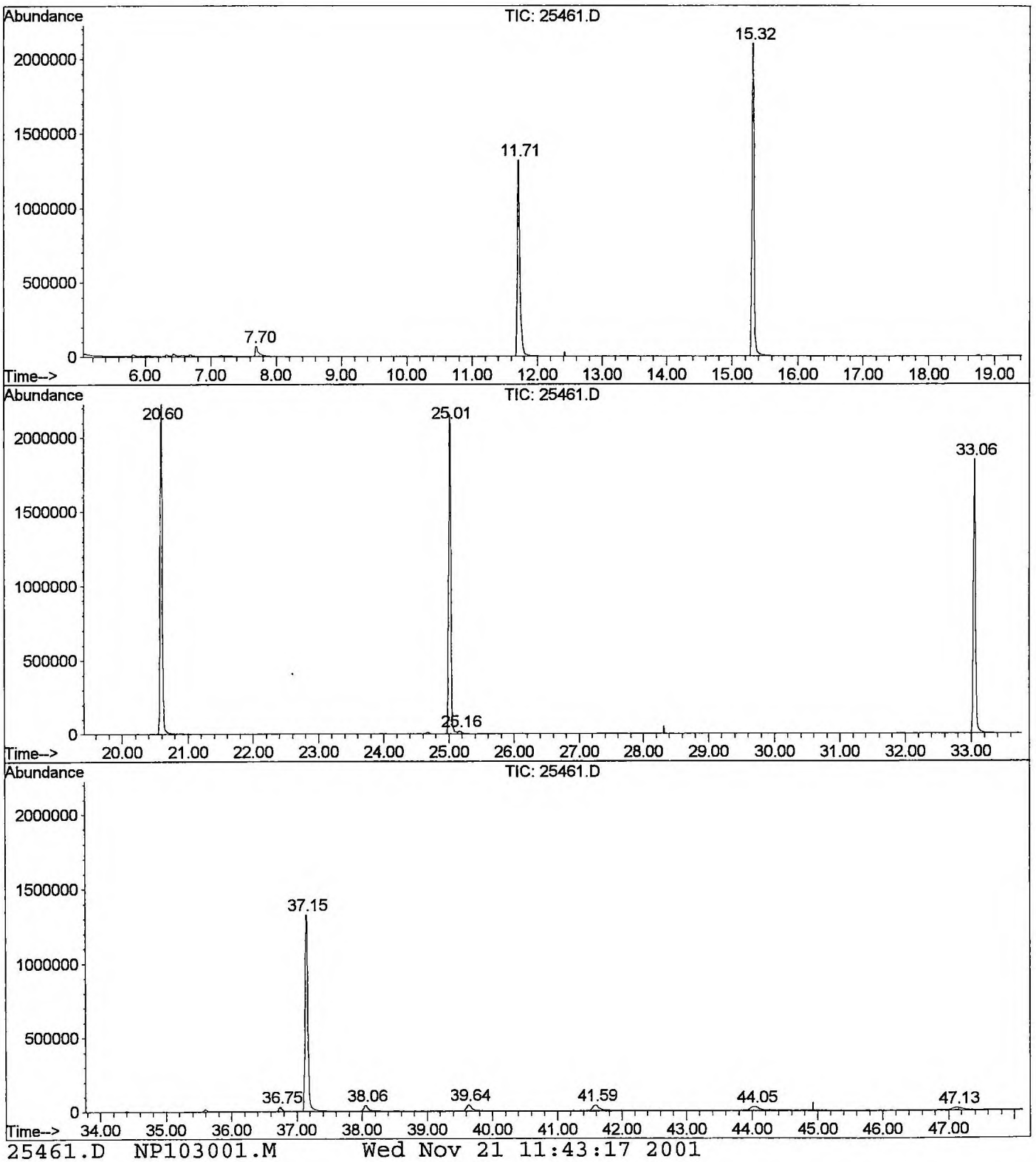
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.701	285	289	306	rBV	65843	220564	4.43%	0.808%
2	11.712	721	726	747	rBV	1319878	3444653	69.13%	12.613%
3	15.320	1113	1119	1137	rBV	2099621	4569231	91.70%	16.731%
4	20.599	1687	1694	1715	rBV	2225050	4982743	100.00%	18.245%
5	25.015	2169	2175	2188	rBV2	2152123	4809500	96.52%	17.611%
6	25.162	2188	2191	2205	rVB	17691	54235	1.09%	0.199%
7	33.057	3044	3051	3073	rBV2	1848153	4325143	86.80%	15.837%
8	36.747	3447	3453	3463	rBV	29750	93699	1.88%	0.343%
9	37.151	3488	3497	3522	rBV2	1323716	3894629	78.16%	14.261%
10	38.060	3588	3596	3606	rBV2	37526	151492	3.04%	0.555%
11	39.639	3759	3768	3779	rBV2	39529	198999	3.99%	0.729%
12	41.594	3967	3981	3997	rBV4	38415	248263	4.98%	0.909%
13	44.045	4232	4248	4263	rBV5	26345	214309	4.30%	0.785%
14	47.130	4566	4584	4587	rBV6	16231	102124	2.05%	0.374%

Sum of corrected areas: 27309584

25461.D NP103001.M Wed Nov 21 11:43:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1601\25461.D
Operator : 209 GALOS
Acquired : 16 Nov 2001 4:59 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 3
Quant File :NP103001.RES (RTE Integrator)



25461.D NP103001.M Wed Nov 21 11:43:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25461.D
Acq On : 16 Nov 2001 4:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

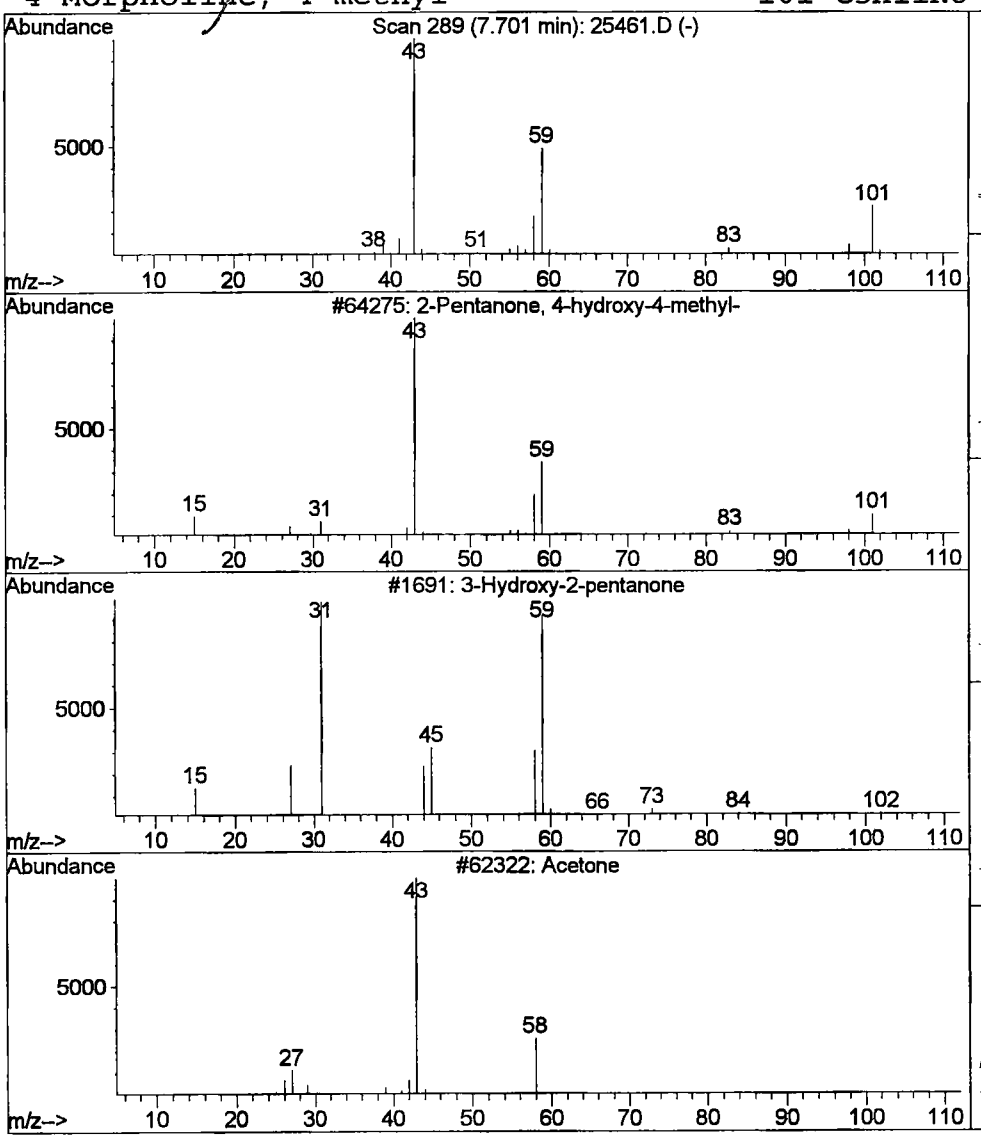
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

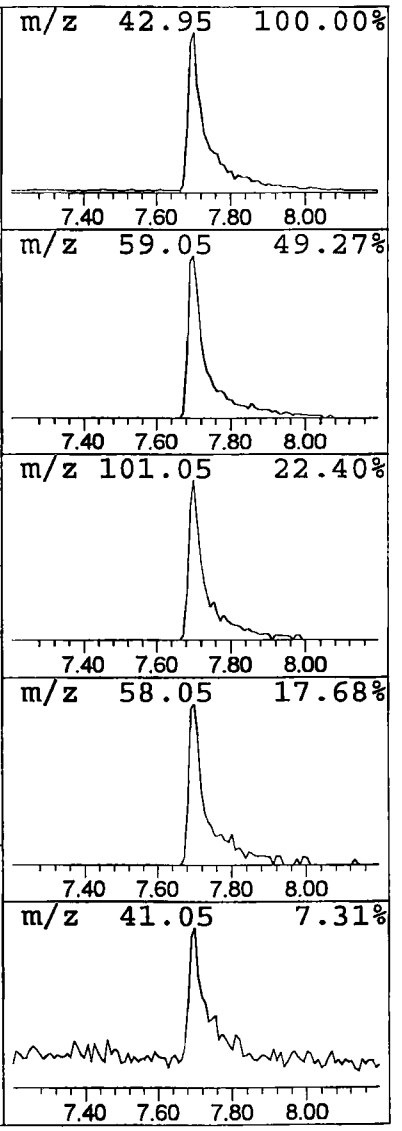
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	1.28 ug/l	220564	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	38
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25461.D Vial: 3
Acq On : 16 Nov 2001 4:59 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
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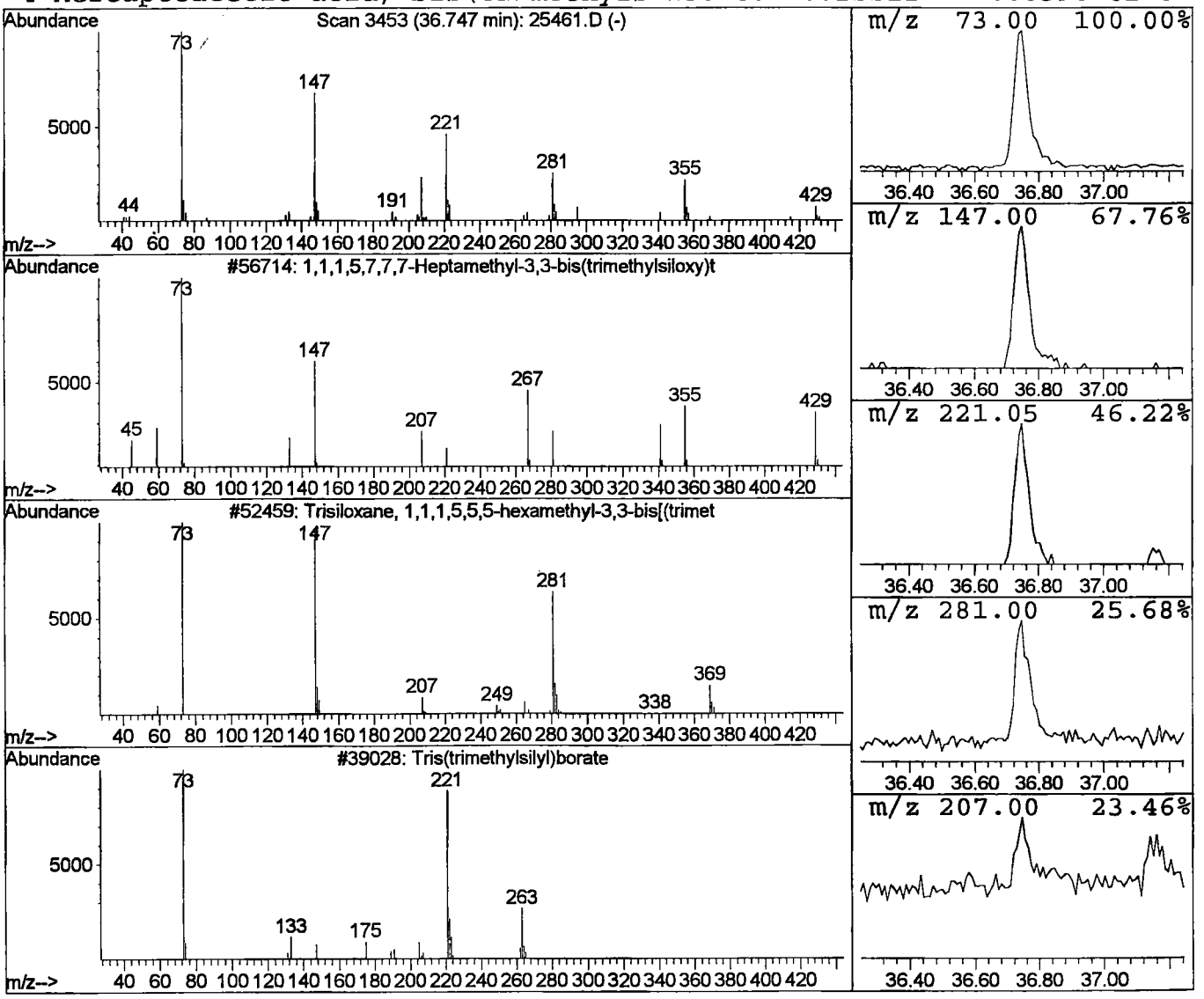
****

Peak Number 2 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.75	0.48 ug/l	93699	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	17
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	12
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25461.D
Acq On : 16 Nov 2001 4:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

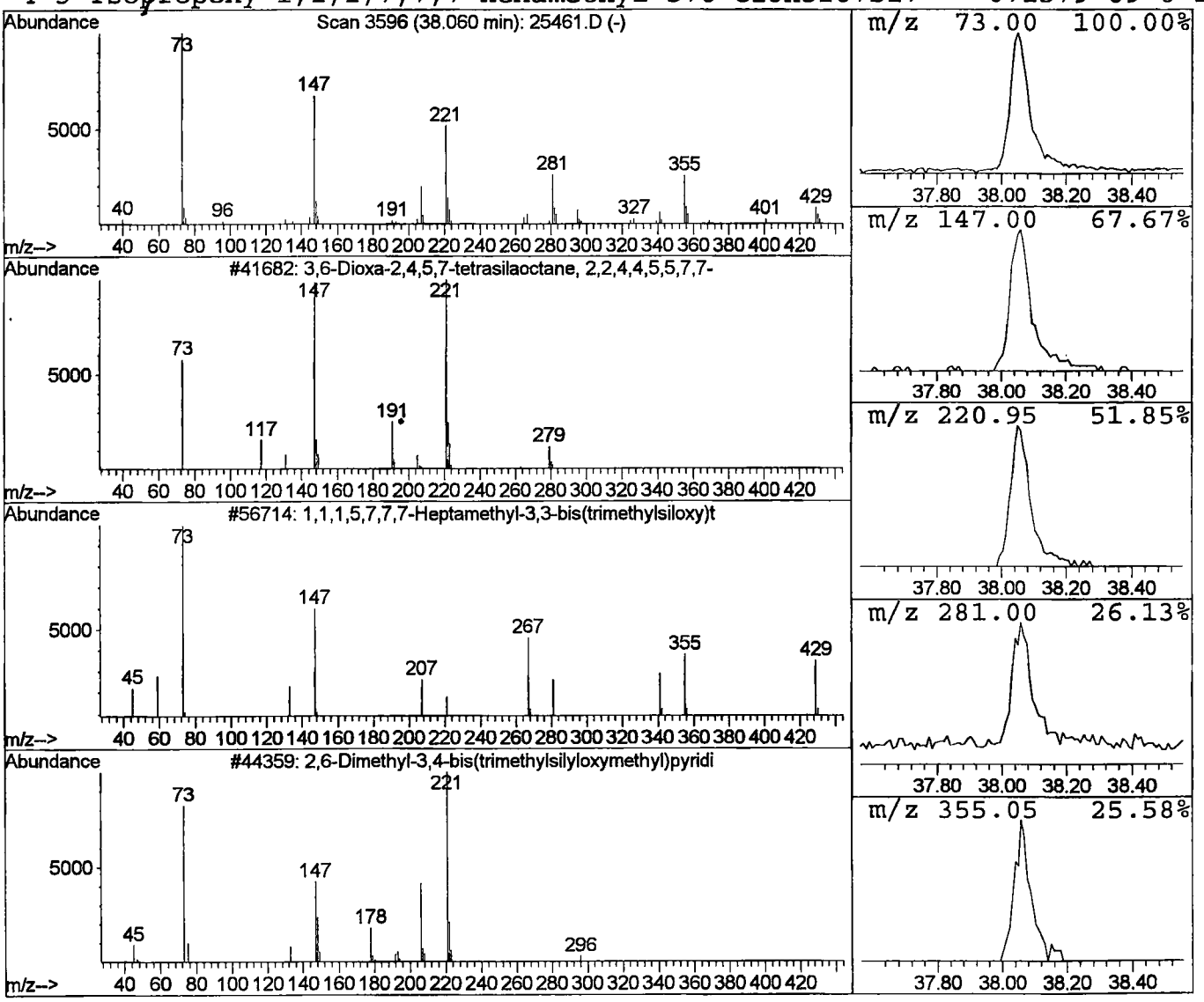
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.06	0.78 ug/l	151492	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	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	36
3	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	17
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12



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Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

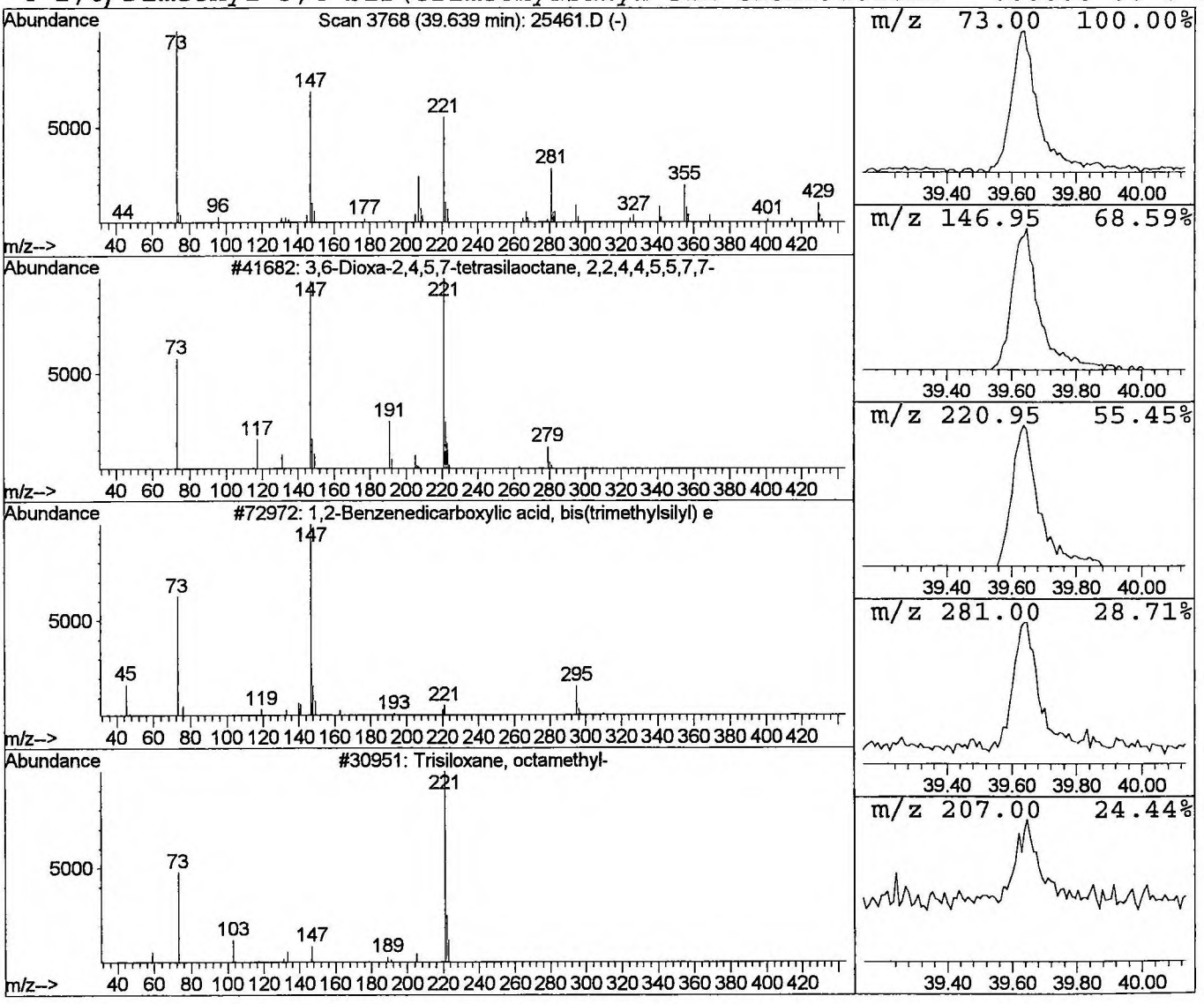
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.64	1.02 ug/l	198999	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	32
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	22
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	12
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	12



Library Search Compound Report

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Acq On : 16 Nov 2001 4:59 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

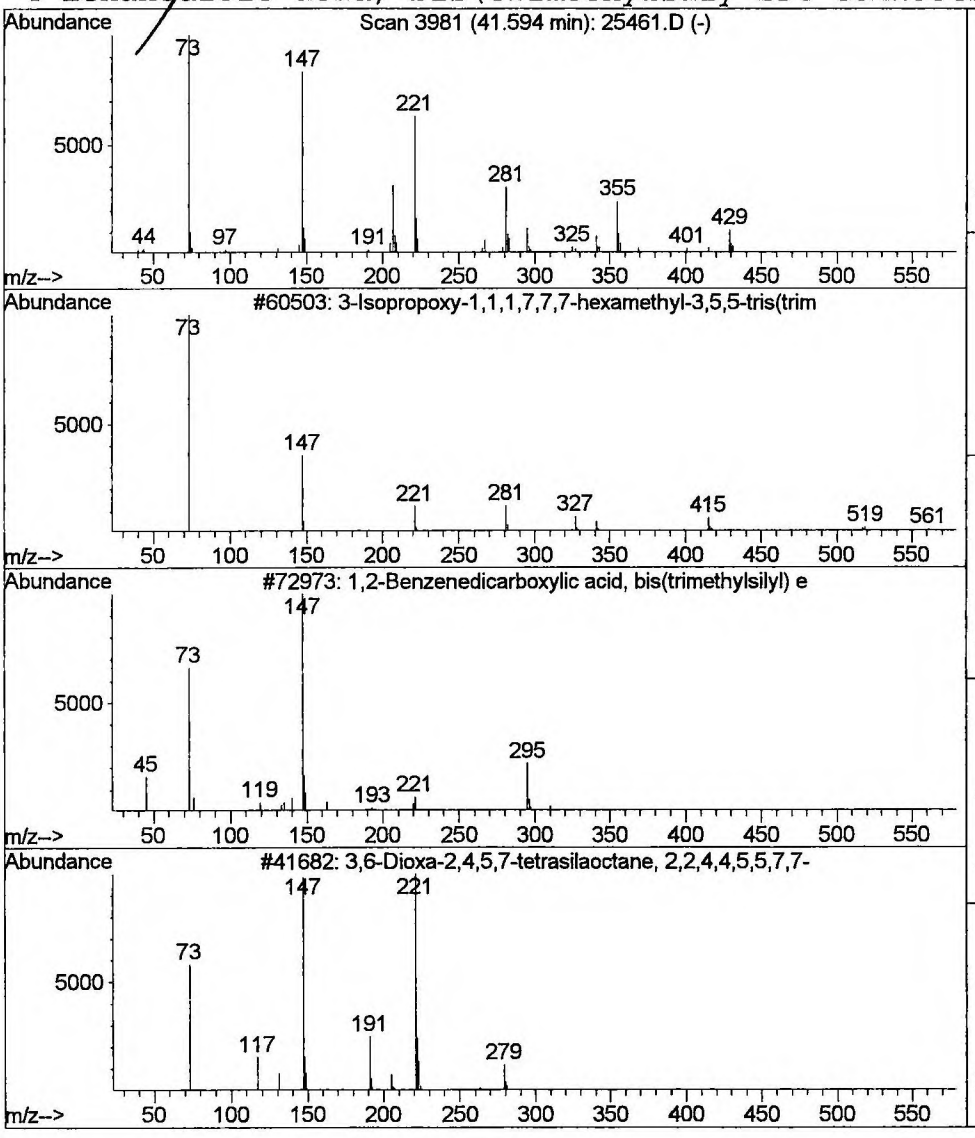
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.59	1.27 ug/l	248263	Perylene-d12	37.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	25
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	25
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	22



3-Isopropoxy-1,1,1,7,7,7-hexamethyl-3,5,5-tris(trimethylsiloxy)tetrasilox
ane

Match Quality	:	32
Entry Number	:	60503
CAS Number	:	071579-69-6
Molecular Weight	:	576.21
Molecular Formula	:	C18H52O7Si7
Retention Index	:	0
Company ID	:	NIST 1992
Melting Point	:	
Boiling Point	:	
Misc Information	:	

QI=55 Steroids;

Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

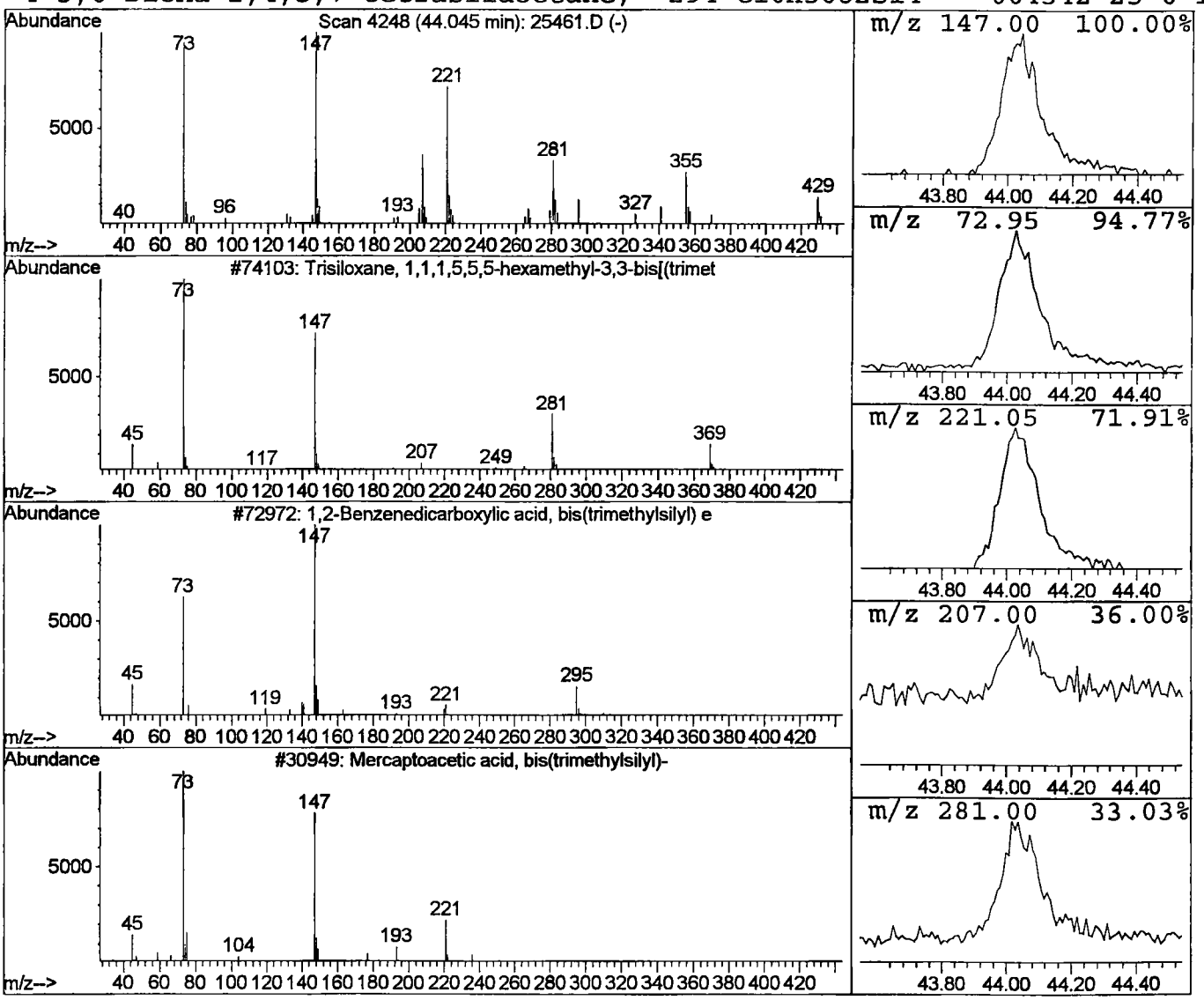
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
44.05	1.10 ug/l	214309	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	43
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	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16



Library Search·Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25461.D
Acq On : 16 Nov 2001 4:59 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

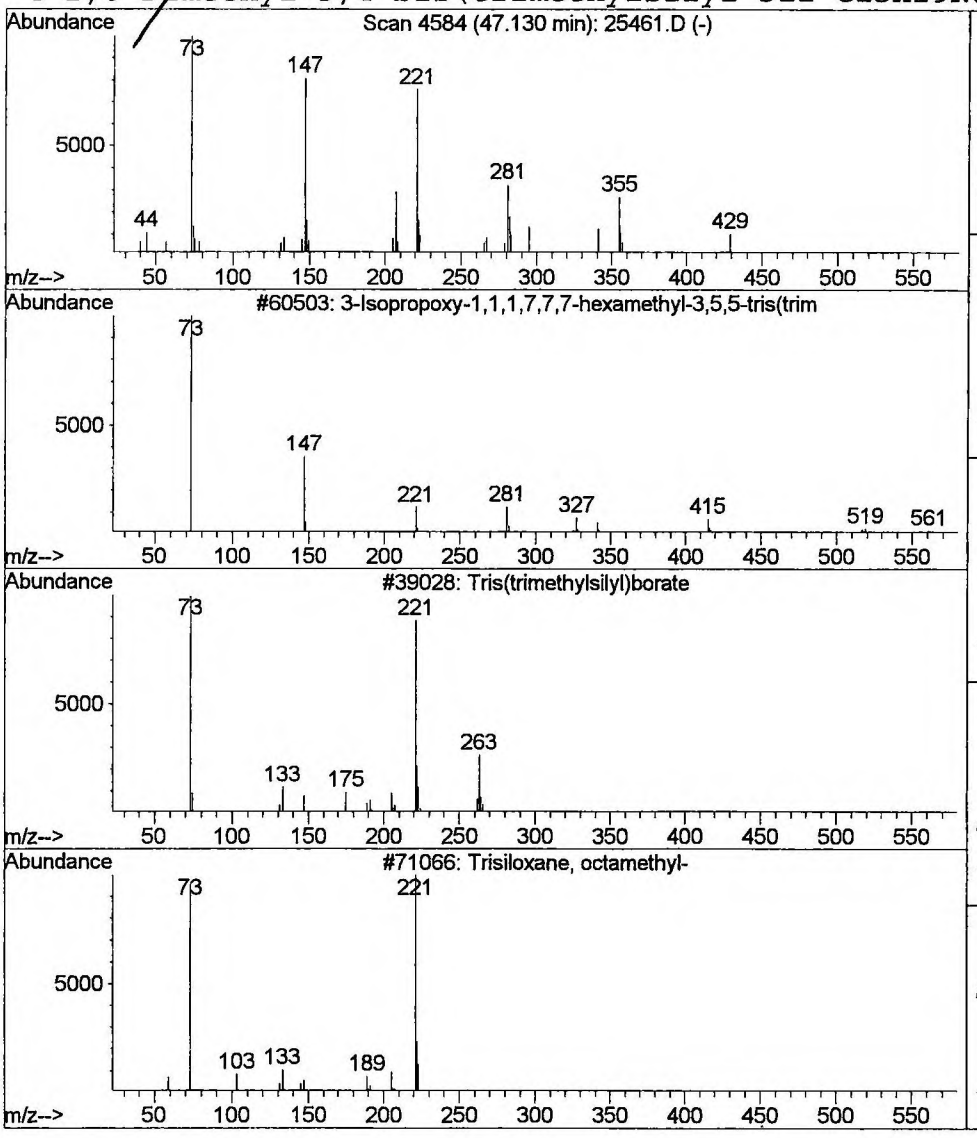
Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

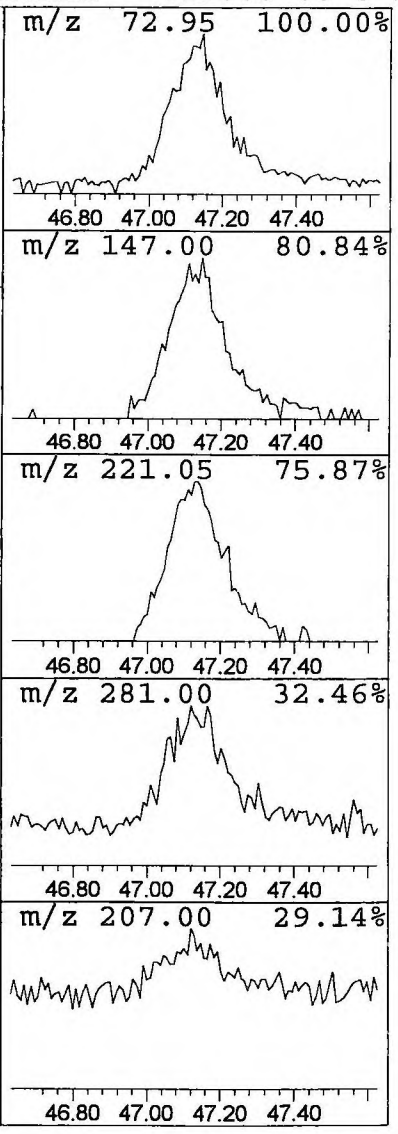
****

Peak Number 7 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
47.13	0.52 ug/l	102124	Perylene-d12	37.15

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	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	22
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	22
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Nov 2001 4:59 pm
Data File: C:\HPCHEM\1\DATA\NOV1601\25461.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	7.70	1.3	ug/l	220564	ISTD01	11.71	3444650	20.0
1,1,1,5,7,7,7-Heptam	36.75	0.5	ug/l	93699	ISTD06	37.15	3894630	20.0
3,6-Dioxa-2,4,5,7-te	38.06	0.8	ug/l	151492	ISTD06	37.15	3894630	20.0
3,6-Dioxa-2,4,5,7-te	39.64	1.0	ug/l	198999	ISTD06	37.15	3894630	20.0
3-Isopropoxy-1,1,1,7	41.59	1.3	ug/l	248263	ISTD06	37.15	3894630	20.0
Trisiloxane, 1,1,1,5	44.05	1.1	ug/l	214309	ISTD06	37.15	3894630	20.0
3-Isopropoxy-1,1,1,7	47.13	0.5	ug/l	102124	ISTD06	37.15	3894630	20.0

25461.D NP103001.M Wed Nov 21 11:43:35 2001