User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/30/2001 Time: 10:28:36

Sample: AD28269
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/30/01 10:25 Ended: 11/30/01 10:25 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

NOT DEP

Comments for Sample AD28269 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-03-2001 Time: 12:10:47

he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for the Surrogate Standard in this sample was 74%. Recoveries for 41 of the 44 compounds in the LSC Standard were outside of EPA 625 acceptance ranges, soon however, GCMS method acceptance ranges will be established and used instead.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D Vial: 24
Acq On : 27 Nov 2001 11:10 am Operator: 209 GALOS
Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 29 12:47 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.70	152	762931	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	2851537	20.00	ug/l	0.00
26) Acenaphthene-d10	20.58	164	1348522	20.00	ug/l	0.00
42) Phenanthrene-d10	24.99	188	1832825	20.00	ug/l	0.00
53) Chrysene-d12	33.02	240	889138	20.00	ug/l	0.00
59) Perylene-d12	37.12	264	552199	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	80667	3.70	ug/mL	0.00
Spiked Amount 5.000			Recovery = 74.00%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.22	74	641	N.D.		
4) Phenol	0.00	94	0	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	0.00	77	0	N.D.		
17) Isophorone	0.00	82	0	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.36	128	488	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	

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

Quantitation Report (QT Reviewed)

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Sample : 11/21 scan Inst : GC/MS 209
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Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

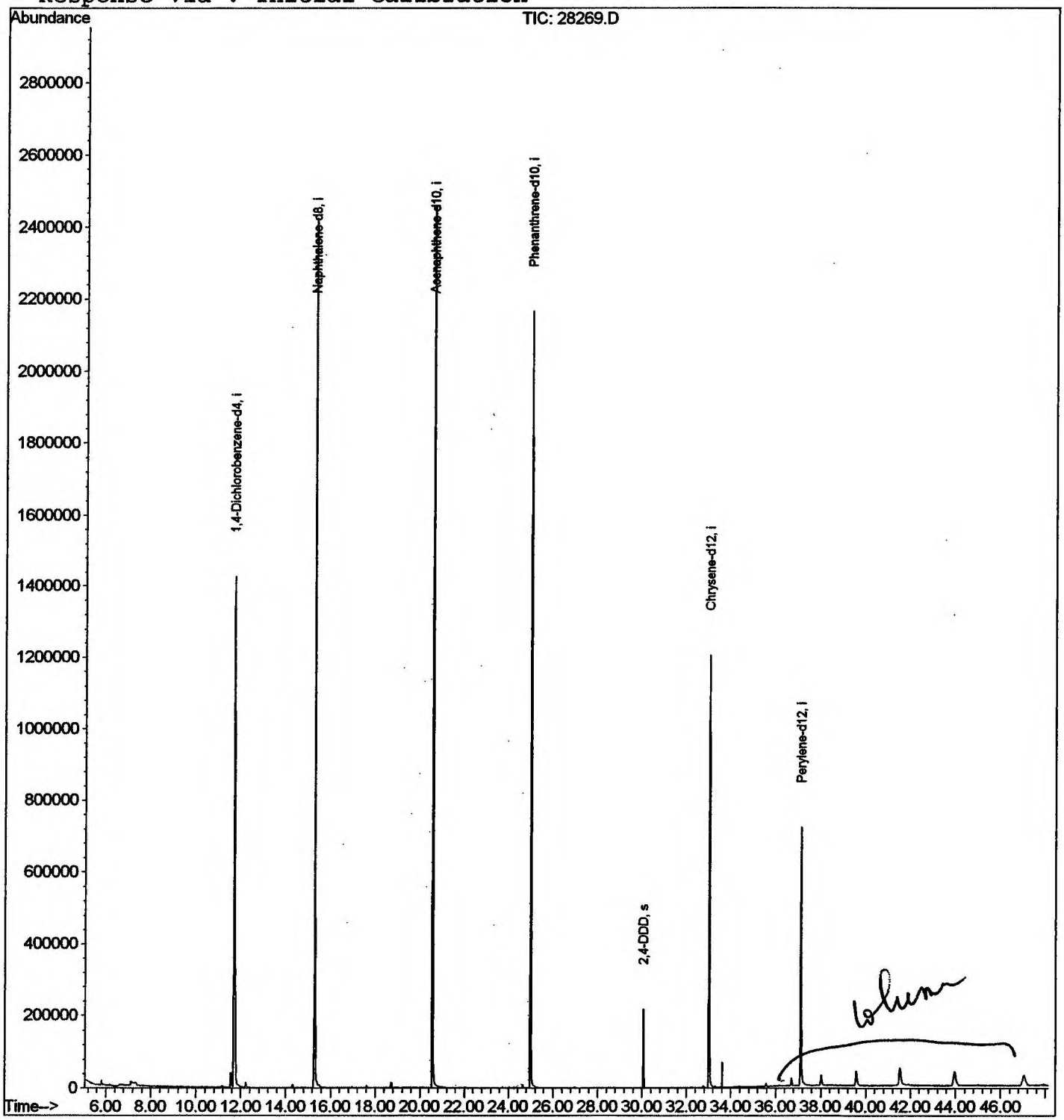
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Acenaphthylene	0.00	152	0	N.D.	
34) Acenaphthene	0.00	153	0	N.D.	
35) 2,4-Dinitrophenol	0.00	184	0	N.D.	
36) 4-Nitrophenol	0.00	65	0	N.D.	
37) 2,4-Dinitrotoluene	20.89	165	189	N.D.	
38) Diethylphthalate	0.00	149	0	N.D.	
39) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40) Fluorene	0.00	166	0	N.D.	
41) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
43) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46) Hexachlorobenzene	0.00	284	0	N.D.	
47) Pentachlorophenol	0.00	266	0	N.D.	
48) Phenanthrene	24.99	178	460	N.D.	
49) Anthracene	24.99	178	460	N.D.	
50) Di-n-butylphthalate	27.00	149	2203	N.D.	
51) Fluoranthene	0.00	202	0	N.D.	
54) Pyrene	0.00	202	0	N.D.	
55) Butylbenzylphthalate	0.00	149	0	N.D.	
56) Benzo(a)anthracene	33.02	228	2206	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.31	149	1668	N.D.	
58) Chrysene	33.02	228	2206	N.D.	
60) Di-n-Octylphthalate	35.04	149	258	N.D.	
61) Benzo(b)fluoranthene	36.15	252	116	N.D.	
62) Benzo(k)fluoranthene	36.06	252	182	N.D.	
63) Benzo(a)pyrene	36.95	252	433	N.D.	
64) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
65) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66) Benzo(g,h,i)perylene	41.93	276	614	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D Vial: 24
Acq On : 27 Nov 2001 11:10 am Operator: 209 GALOS
Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 29 12:47 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D Vial: 24
Acq On : 27 Nov 2001 11:10 am Operator: 209 GALOS
Sample : 11/21 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

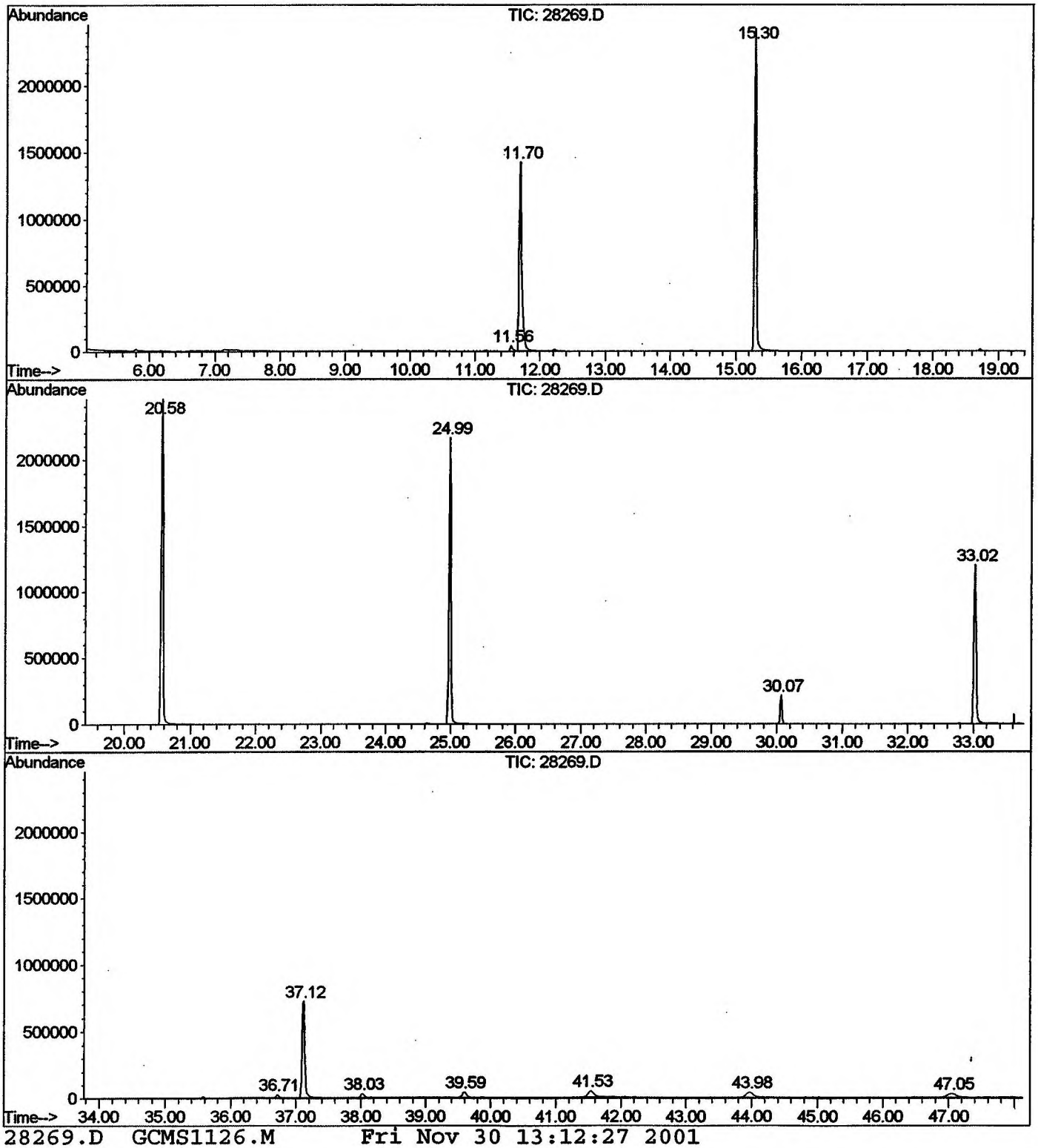
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.561	705	710	719	rBV	39953	105811	1.98%	0.414%
2	11.699	719	725	745	rBV	1422250	3937137	73.76%	15.386%
3	15.297	1112	1117	1136	rBV	2422011	5192526	97.28%	20.292%
4	20.576	1685	1692	1709	rBV	2459309	5337668	100.00%	20.860%
5	24.992	2167	2173	2185	rBV2	2163852	4589709	85.99%	17.937%
6	30.068	2721	2726	2735	rBV	216913	424579	7.95%	1.659%
7	33.024	3040	3048	3066	rBV2	1203784	2823039	52.89%	11.032%
8	36.715	3445	3450	3461	rVB2	20434	55258	1.04%	0.216%
9	37.119	3486	3494	3513	rBV2	716498	2017556	37.80%	7.885%
10	38.028	3586	3593	3601	rBV3	28974	100445	1.88%	0.393%
11	39.588	3755	3763	3777	rBV2	39522	176839	3.31%	0.691%
12	41.535	3964	3975	3989	rBV3	45474	262763	4.92%	1.027%
13	43.977	4226	4241	4256	rBV6	37830	281296	5.27%	1.099%
14	47.052	4555	4576	4593	rBV5	29514	284006	5.32%	1.110%

Sum of corrected areas: 25588632

28269.D GCMS1126.M Fri Nov 30 13:12:25 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Operator : 209 GALOS
Acquired : 27 Nov 2001 11:10 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/21 scan
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



28269.D GCMS1126.M Fri Nov 30 13:12:27 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

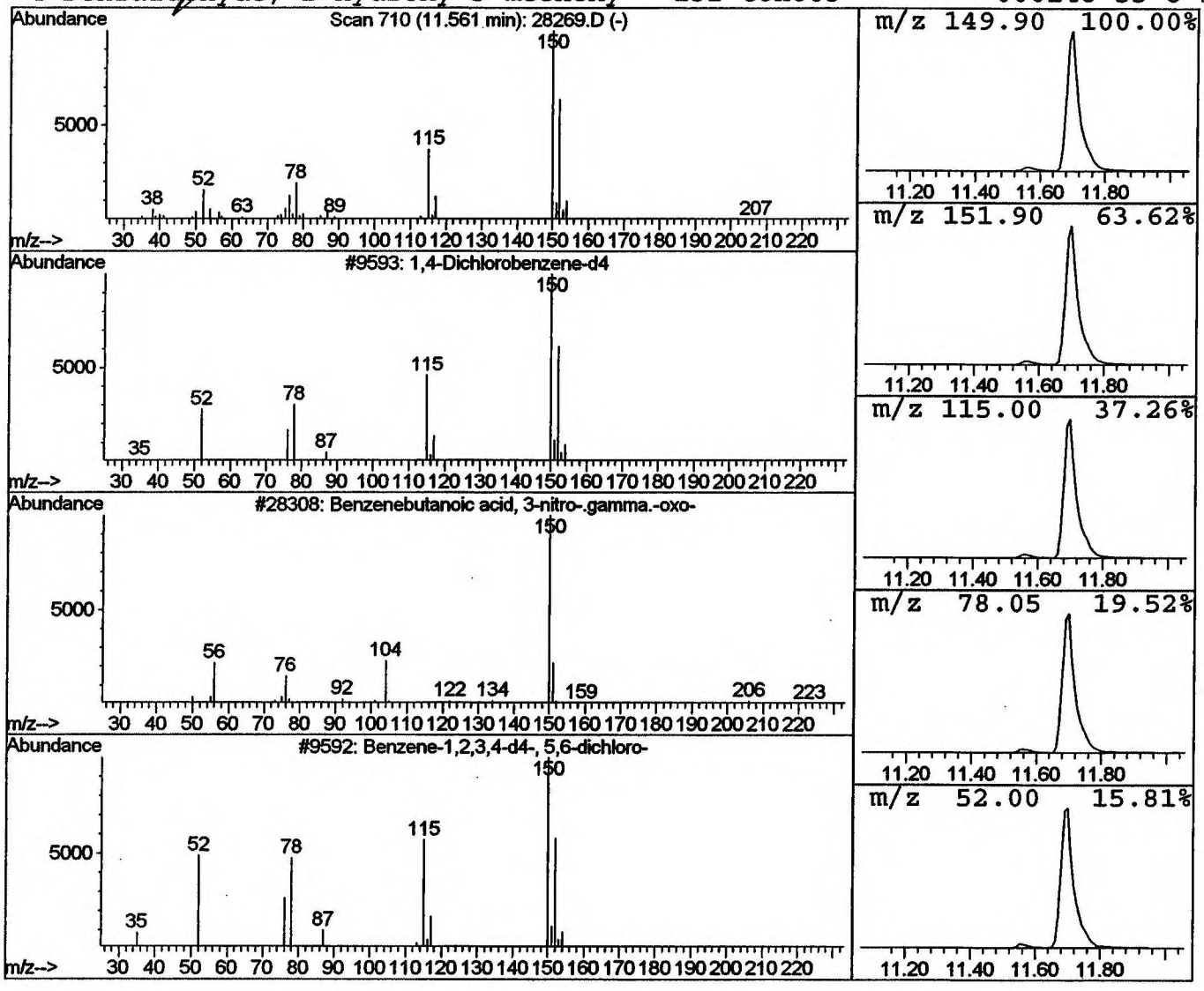
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.54 ug/l	105811	1,4-Dichlorobenzene-d4	11.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2	Benzenebutanoic acid, 3-nitro-.gamm	223	C10H9NO5	006328-00-3	17
3	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	12
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

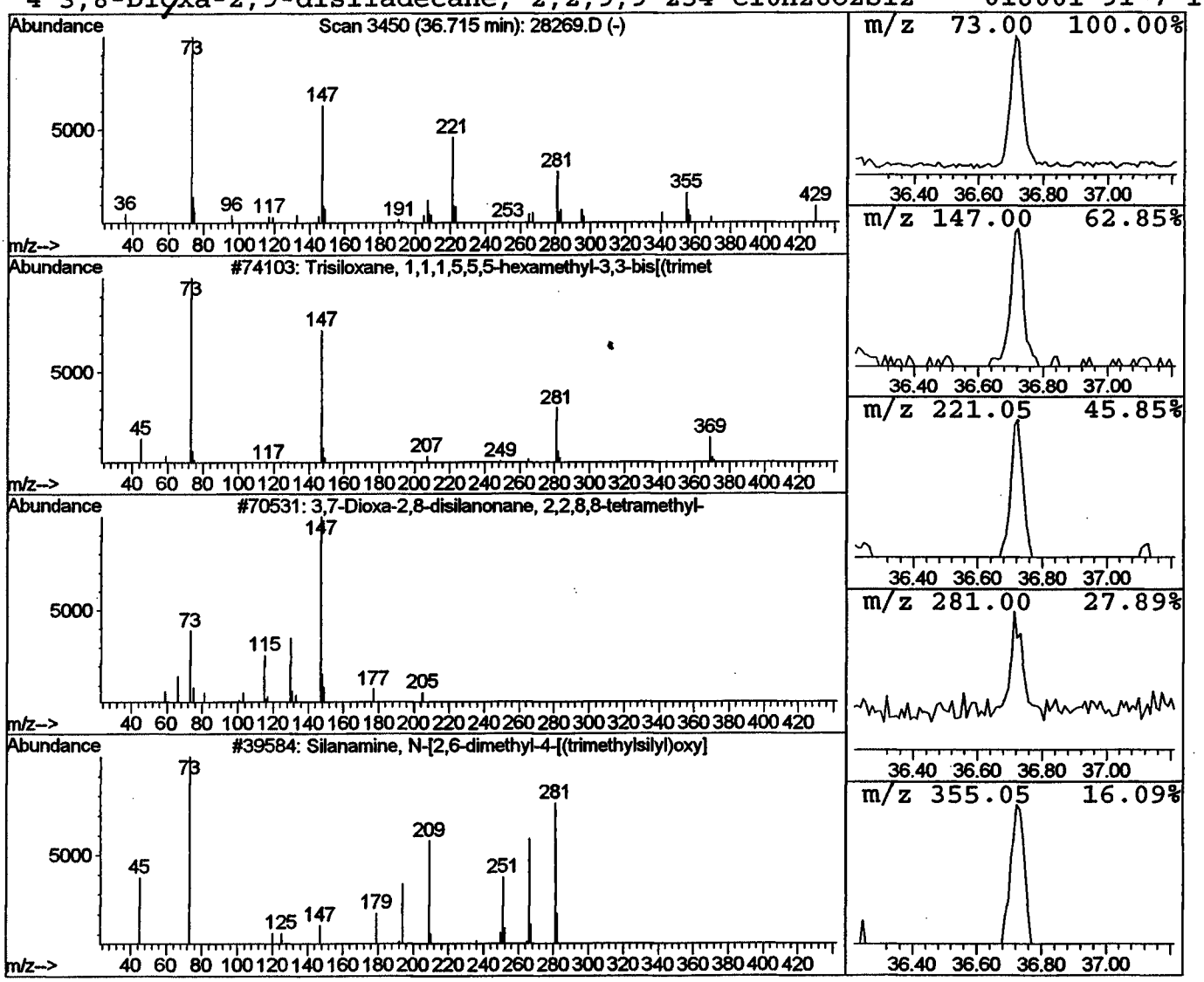
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.71	0.55 ug/l	55258	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
2	3,7-Dioxa-2,8-disilanonane, 2,2,8,8	220	C9H24O2Si2	017887-80-8	22
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	18
4	3,8-Dioxa-2,9-disiladecane, 2,2,9,9	234	C10H26O2Si2	018001-91-7	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

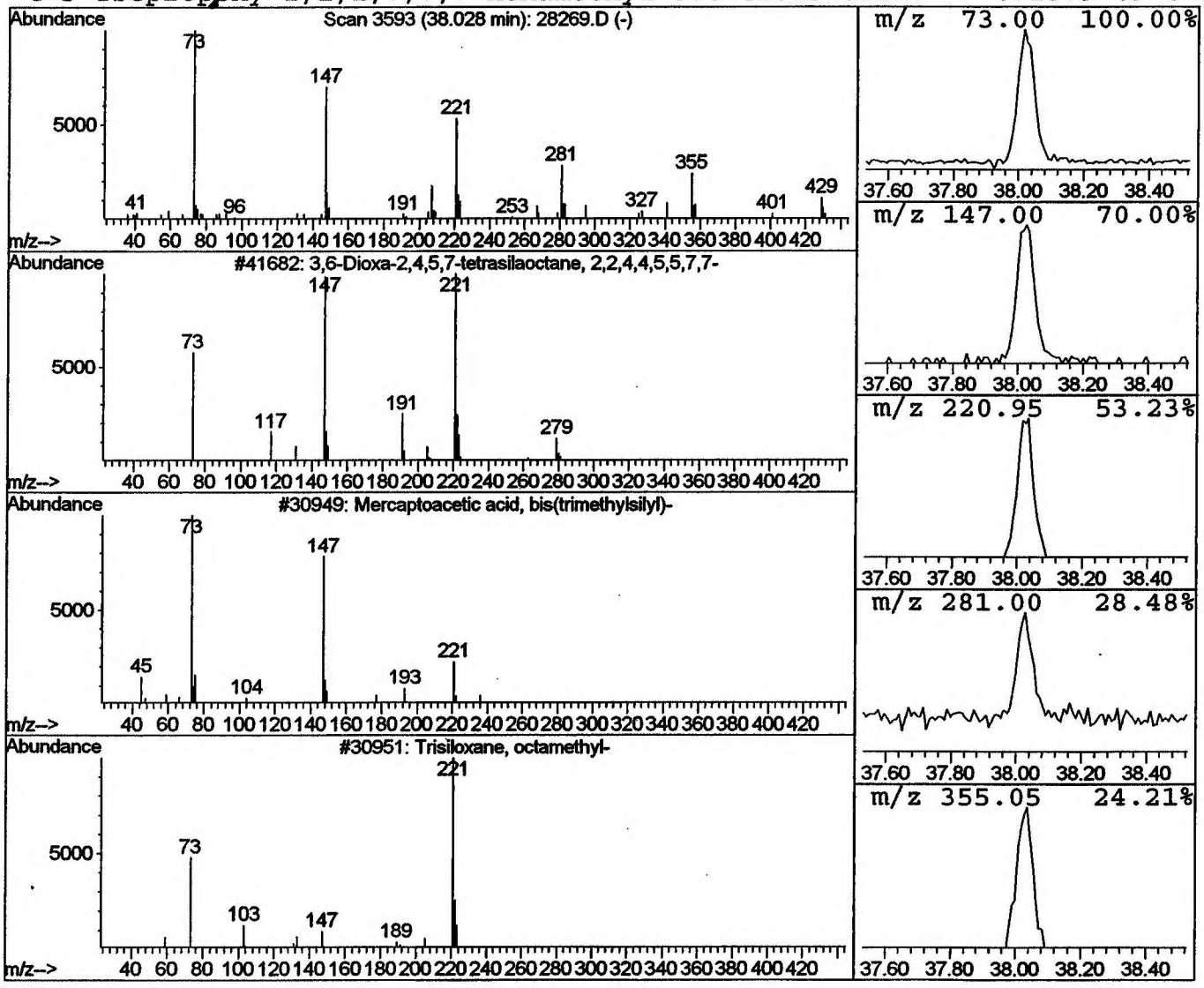
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.03	1.00 ug/l	100445	Perylene-d12	37.12

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	25
3	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	25
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

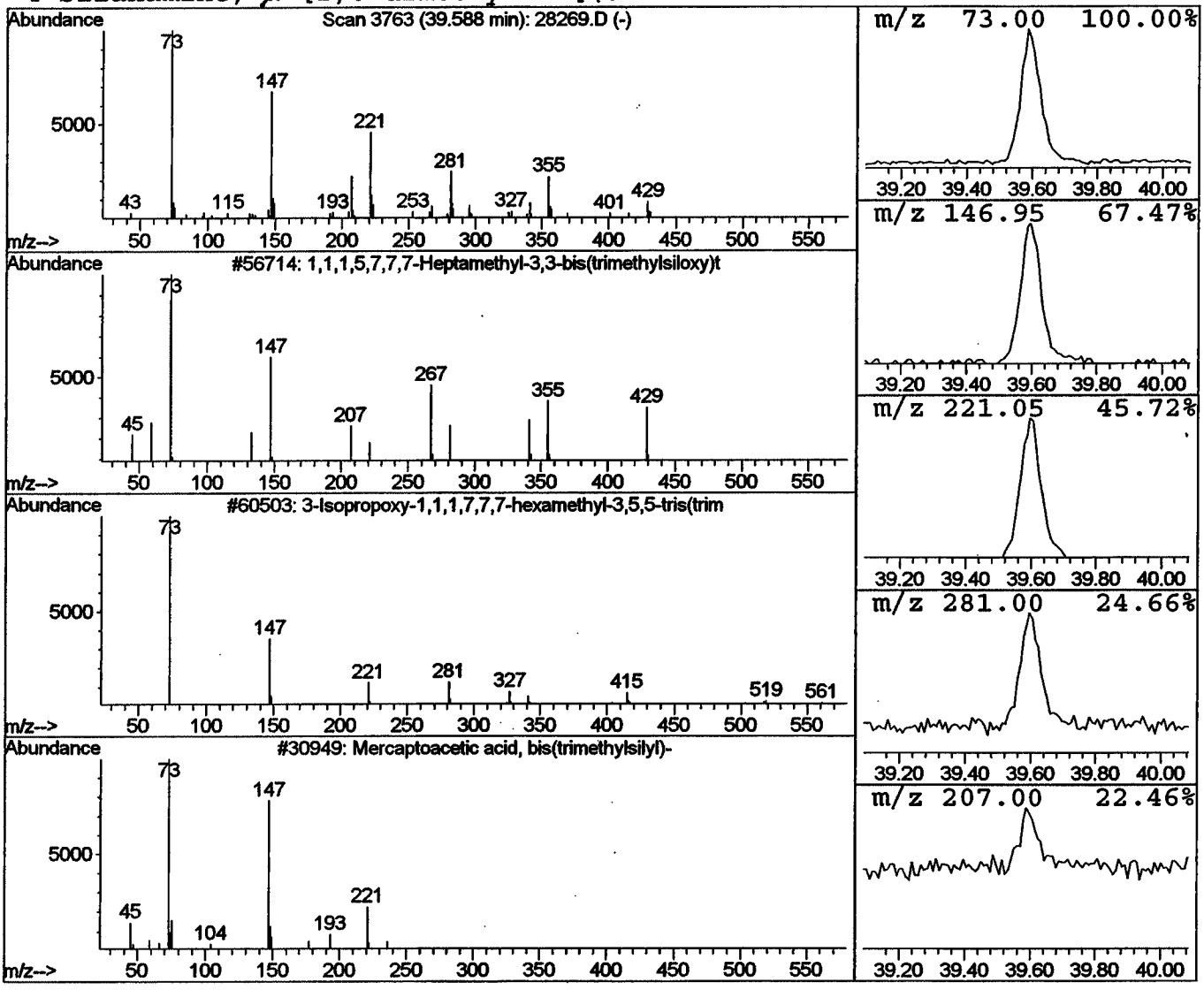
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.59	1.75 ug/l	176839	Perylene-d12	37.12

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	28
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	12
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	12
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	11



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

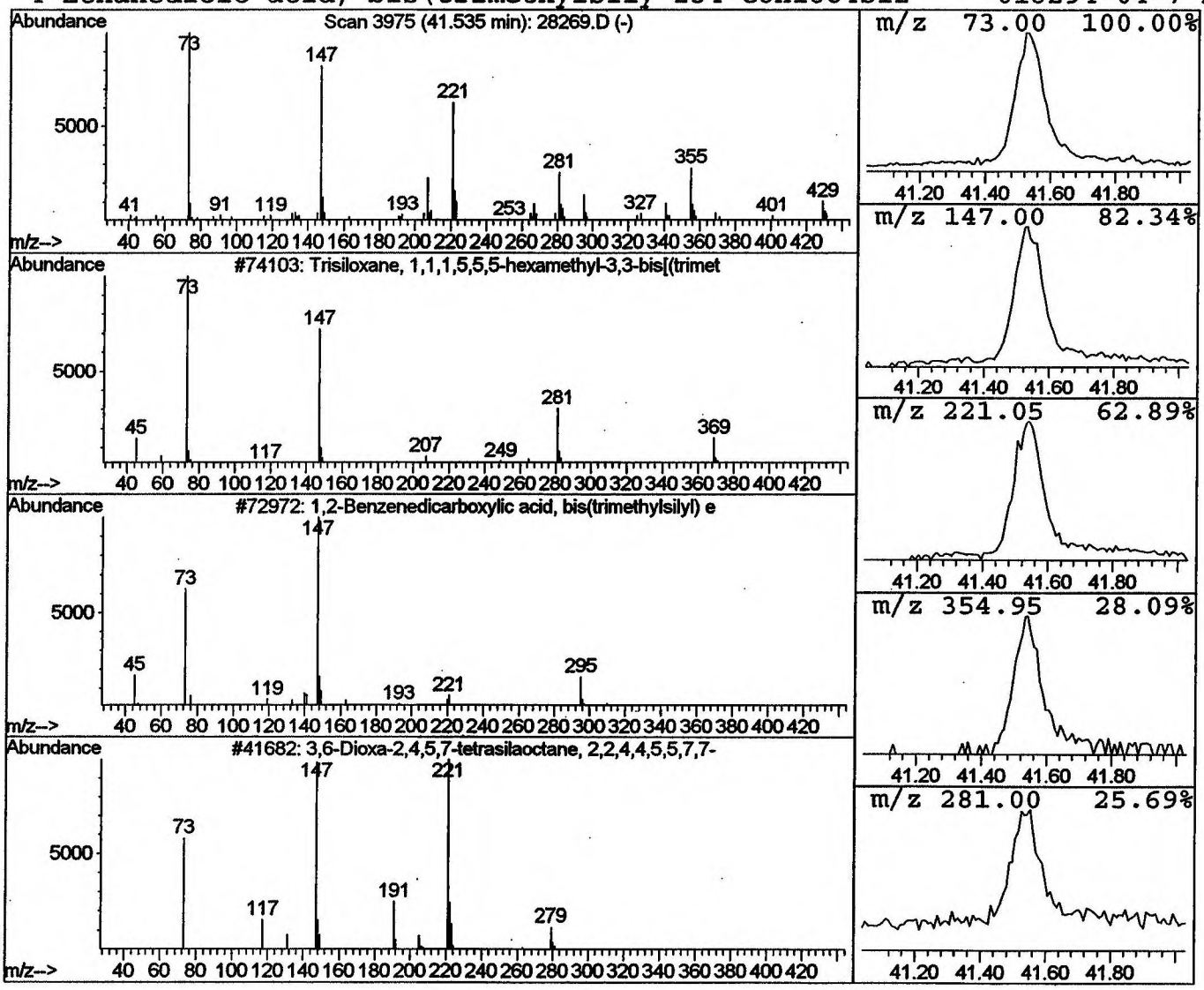
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.53	2.60 ug/l	262763	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	35
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



Library Search Compound Report

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Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

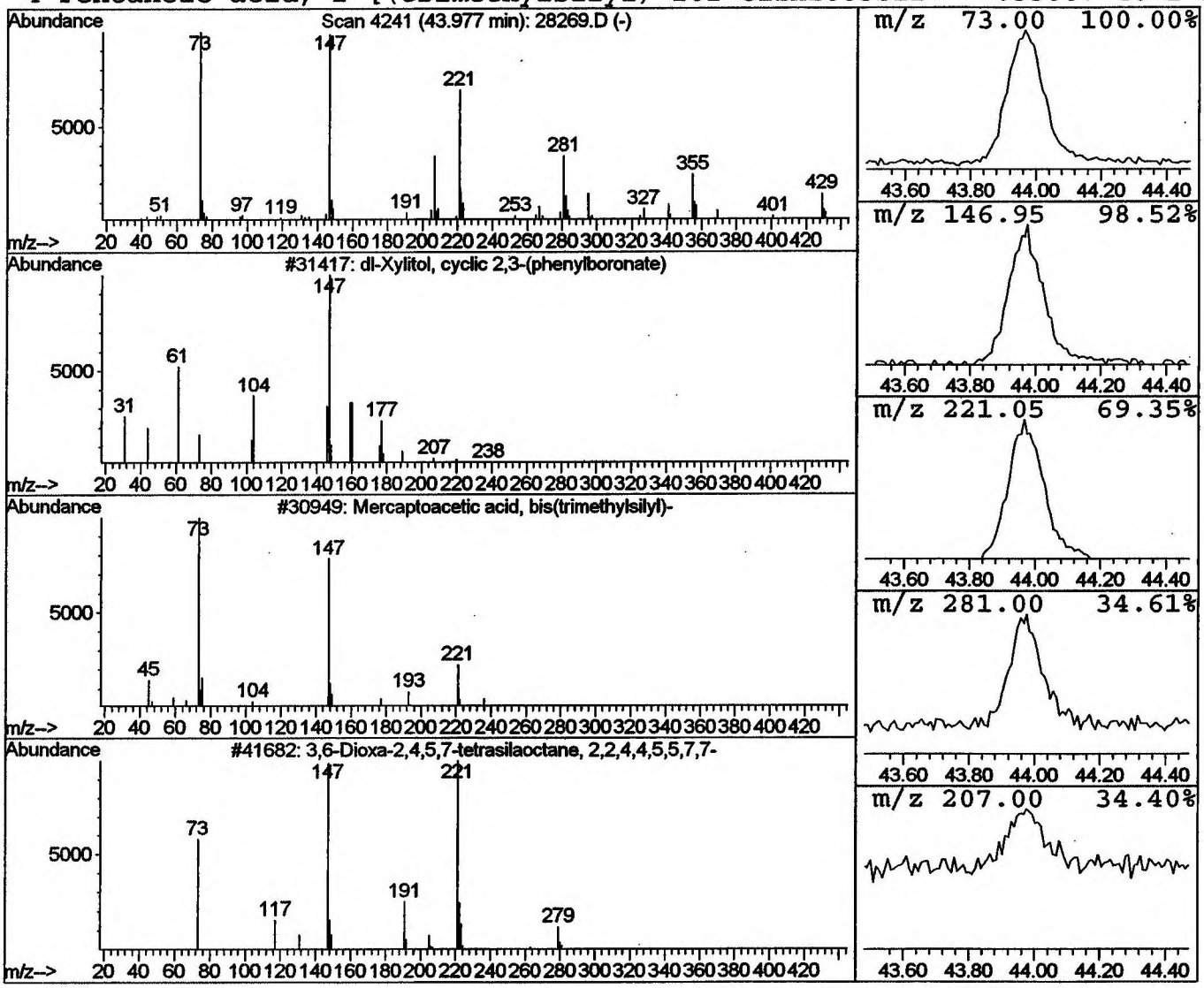
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 dl-Xylitol, cyclic 2,3-(phenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.98	2.79 ug/l	281296	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Xylitol, cyclic 2,3-(phenylboron	238	C11H15BO5	074793-46-7	22
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	17
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	16
4	Pentanoic acid, 2-[(trimethylsilyl)	262	C11H26O3Si2	055887-46-2	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28269.D
Acq On : 27 Nov 2001 11:10 am
Sample : 11/21 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

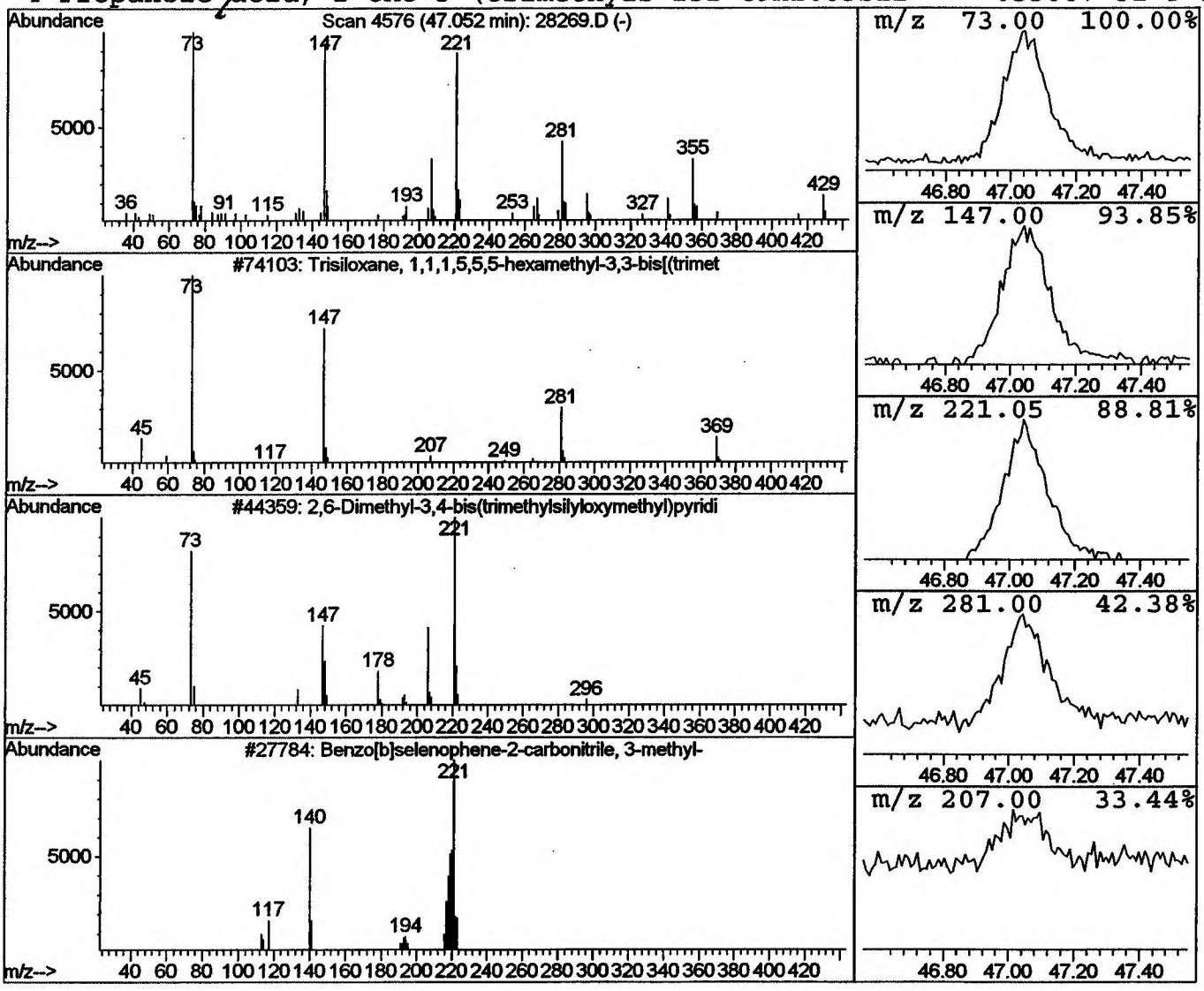
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
47.05	2.82 ug/l	284006	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	35
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	22
3	Benzo[b]selenophene-2-carbonitrile,	221	C10H7NSe	037007-55-9	18
4	Propanoic acid, 2-oxo-3-(trimethyls	232	C9H20O3Si2	055887-51-9	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Nov 2001 11:10 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28269.D
Name: 11/21 scan
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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
1,4-Dichlorobenzene-	11.56	0.5	ug/l	105811	ISTD01	11.70	3937140	20.0
Trisiloxane, 1,1,1,5	36.71	0.5	ug/l	55258	ISTD06	37.12	2017560	20.0
3,6-Dioxa-2,4,5,7-te	38.03	1.0	ug/l	100445	ISTD06	37.12	2017560	20.0
1,1,1,5,7,7,7-Heptam	39.59	1.8	ug/l	176839	ISTD06	37.12	2017560	20.0
Trisiloxane, 1,1,1,5	41.53	2.6	ug/l	262763	ISTD06	37.12	2017560	20.0
dl-Xylitol, cyclic 2	43.98	2.8	ug/l	281296	ISTD06	37.12	2017560	20.0
Trisiloxane, 1,1,1,5	47.05	2.8	ug/l	284006	ISTD06	37.12	2017560	20.0

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