Comments for Sample AD28153 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 11-29-2001 Time: 09:55:22

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
Recoveries for 14 of the 44 compounds in the LCS Standard were outside of their acceptance ranges. The recovery for the Surrogate Standard in this sample was 107%./

NOT DCP

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 09:52:40

Sample: AD28153
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/29/01 09:52 Ended: 11/29/01 09:52 Analyst: DLV
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D Vial: 17
Acq On : 27 Nov 2001 2:21 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 15:39 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Nothing present

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.69	152	1025027	20.00	ug/l	0.00
15) Naphthalene-d8	15.30	136	3872087	20.00	ug/l	0.00
26) Acenaphthene-d10	20.57	164	1850169	20.00	ug/l	0.00
42) Phenanthrene-d10	25.00	188	2650346	20.00	ug/l	0.00
53) Chrysene-d12	33.03	240	1446378	20.00	ug/l	0.00
59) Perylene-d12	37.12	264	987467	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.07	235	168987	5.36	ug/mL	0.00
Spiked Amount 5.000			Recovery = 107.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.23	74	284	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	11.73	146	232	N.D.		
8) 1,4-Dichlorobenzene	11.73	146	232	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	15.35	128	638	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.		

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

Quantitation Report (QT Reviewed)

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Acq On : 27 Nov 2001 2:21 am Operator: 209 GALOS
Sample : 11/20 scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 15:39 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 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	0.00	165	0	N.D.	
38) Diethylphthalate	22.10	149	290	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	25.01	178	951	N.D.	
49) Anthracene	25.01	178	951	N.D.	
50) Di-n-butylphthalate	27.01	149	3091	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	33.03	228	3698	N.D.	
57) Bis(2-ethylhexyl)phthalate	33.30	149	7618	N.D.	
58) Chrysene	33.10	228	186	N.D.	
60) Di-n-Octylphthalate	35.04	149	2690	N.D.	
61) Benzo(b)fluoranthene	36.12	252	5109	N.D.	
62) Benzo(k)fluoranthene	36.12	252	4698	N.D.	
63) Benzo(a)pyrene	36.95	252	1301	N.D.	
64) Indeno(1,2,3-cd)pyrene	40.82	276	944	N.D.	
65) Dibenz(a,h)anthracene	40.92	278	995	N.D.	
66) Benzo(g,h,i)perylene	41.92	276	1472	N.D.	

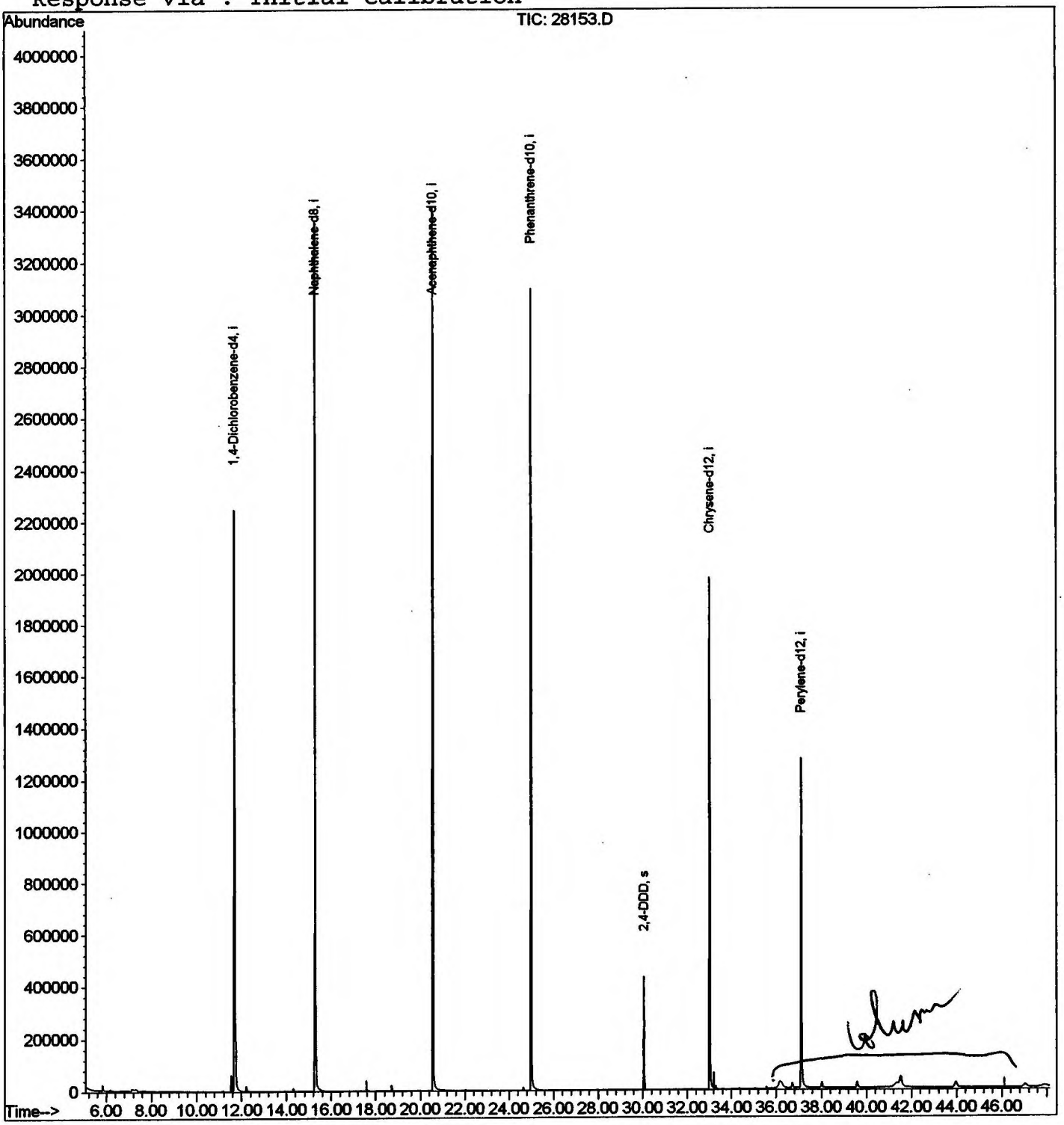
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 27 15:39 2001

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D Vial: 17
Acq On : 27 Nov 2001 2:21 am Operator: 209 GALOS
Sample : 11/20 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

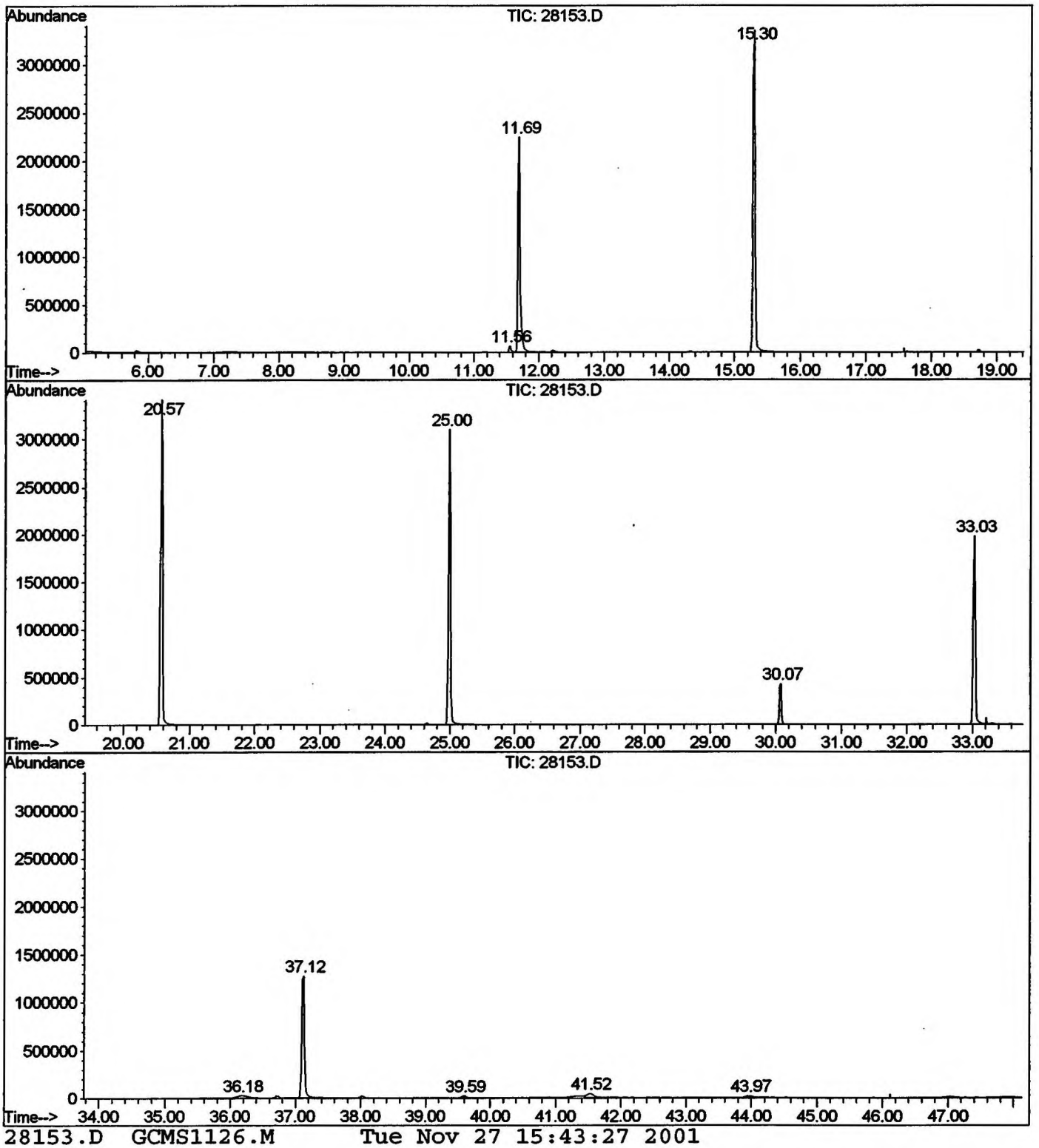
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	11.557	705	709	719	rBV	61837	141264	1.93%	0.390%
2	11.694	719	724	745	rVV	2244271	5307301	72.51%	14.662%
3	15.302	1111	1117	1135	rBV	3353598	7044650	96.24%	19.462%
4	20.572	1684	1691	1713	rBV	3413633	7319841	100.00%	20.222%
5	24.997	2166	2173	2186	rBV2	3096402	6651784	90.87%	18.377%
6	30.073	2720	2726	2733	rBV	431241	874430	11.95%	2.416%
7	33.029	3041	3048	3064	rBV2	1974824	4528400	61.86%	12.510%
8	36.178	3381	3391	3415	rVB9	25249	246839	3.37%	0.682%
9	37.124	3486	3494	3516	rBV2	1268499	3564462	48.70%	9.847%
10	39.593	3753	3763	3774	rBV4	22351	104586	1.43%	0.289%
11	41.521	3965	3973	3994	rVB3	41509	283879	3.88%	0.784%
12	43.972	4229	4240	4253	rVB8	20016	129582	1.77%	0.358%

Sum of corrected areas: 36197018

28153.D GCMS1126.M Tue Nov 27 15:43:25 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Operator : 209 GALOS
Acquired : 27 Nov 2001 2:21 am using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: 11/20 scan
Misc Info :
Vial Number: 17
Quant File :GCMS1126.RES (RTE Integrator)



28153.D GCMS1126.M Tue Nov 27 15:43:27 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

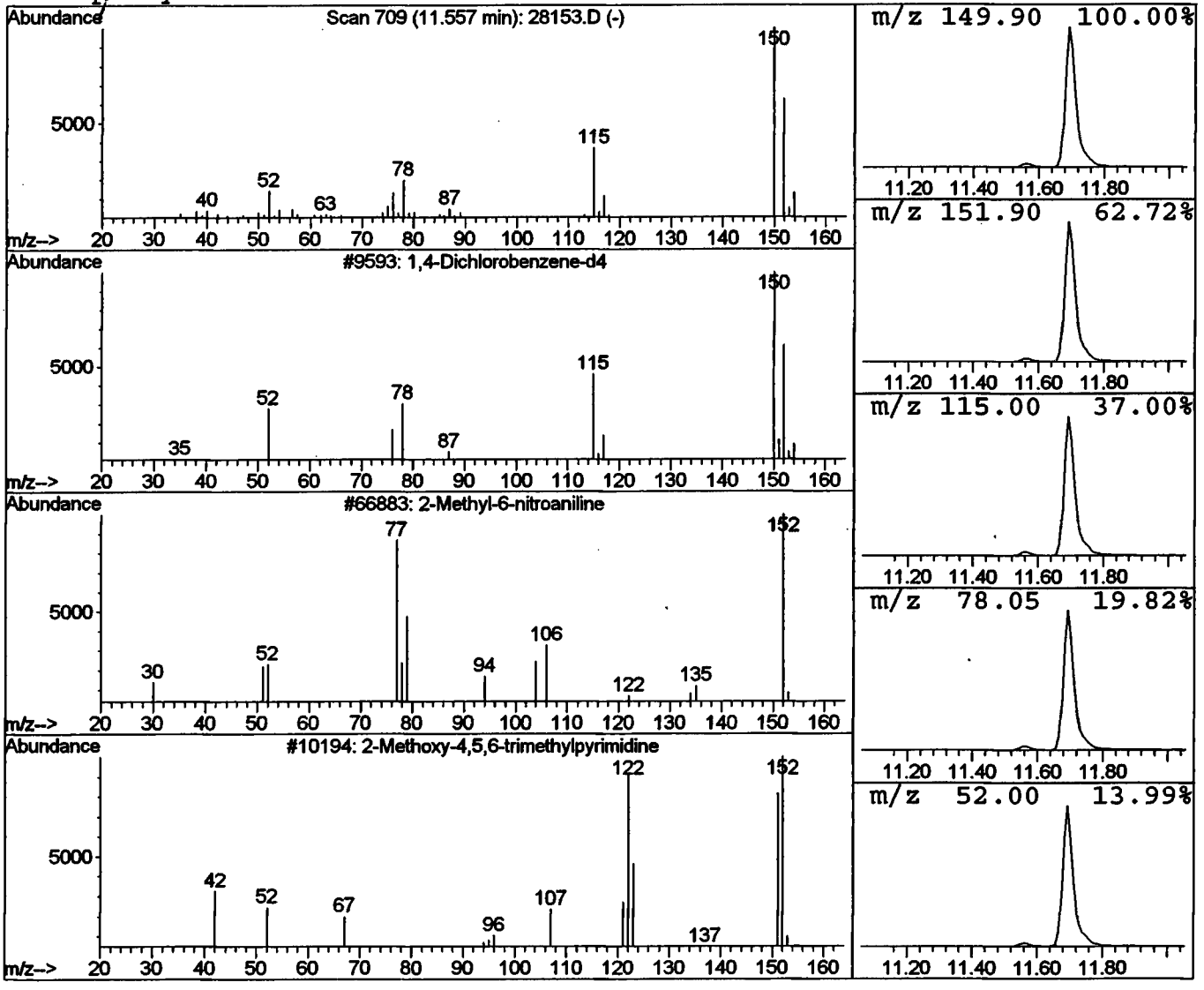
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,4-Dichlorobenzene-d4 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	0.53 ug/l	141264	1,4-Dichlorobenzene-d4	11.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	93
2	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
3	2-Methoxy-4,5,6-trimethylpyrimidine	152	C8H12N2O	065641-61-4	9
4	Biphenylene	152	C12H8	000259-79-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

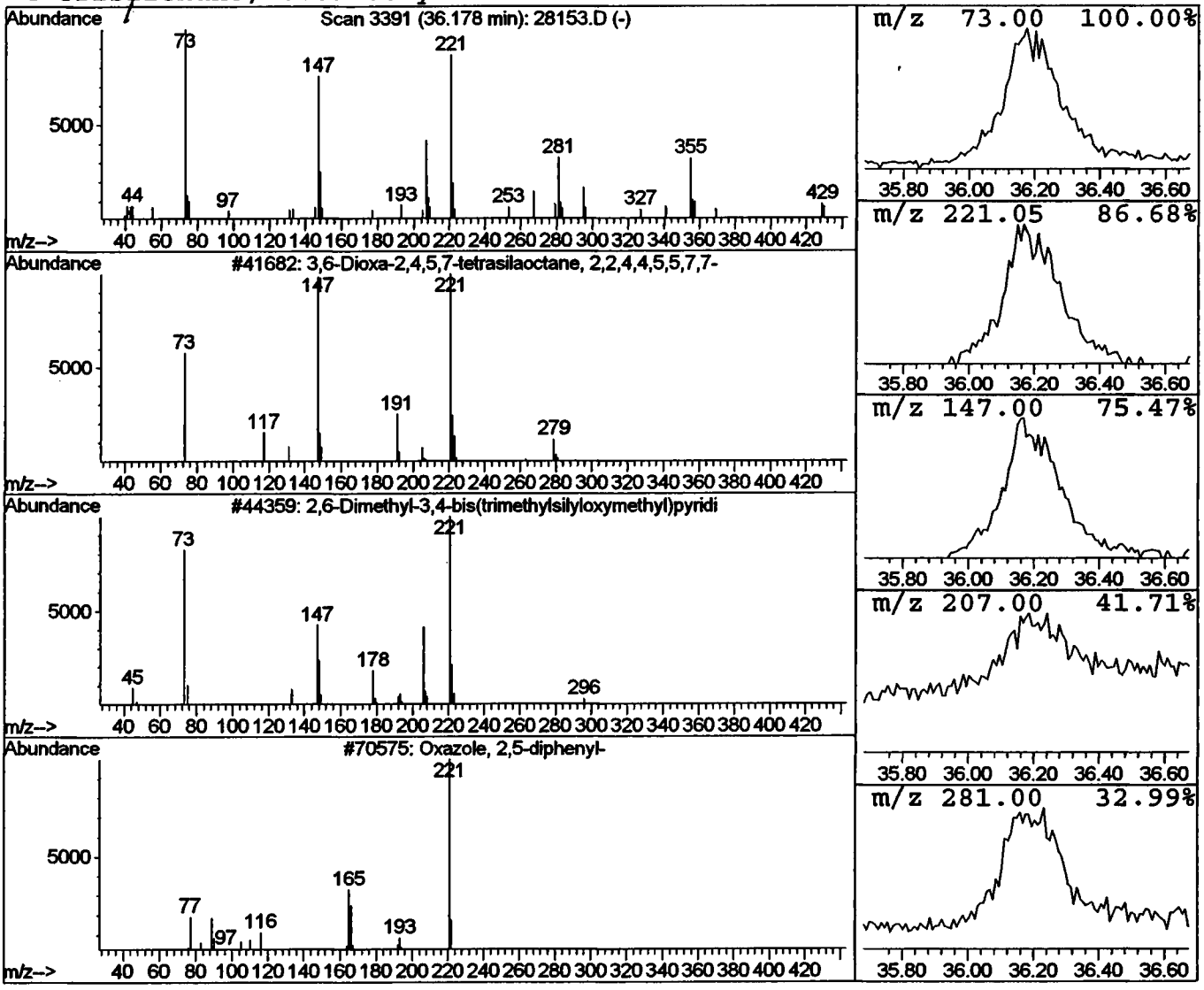
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.18	1.39 ug/l	246839	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	38
2	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	16
3	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	12
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

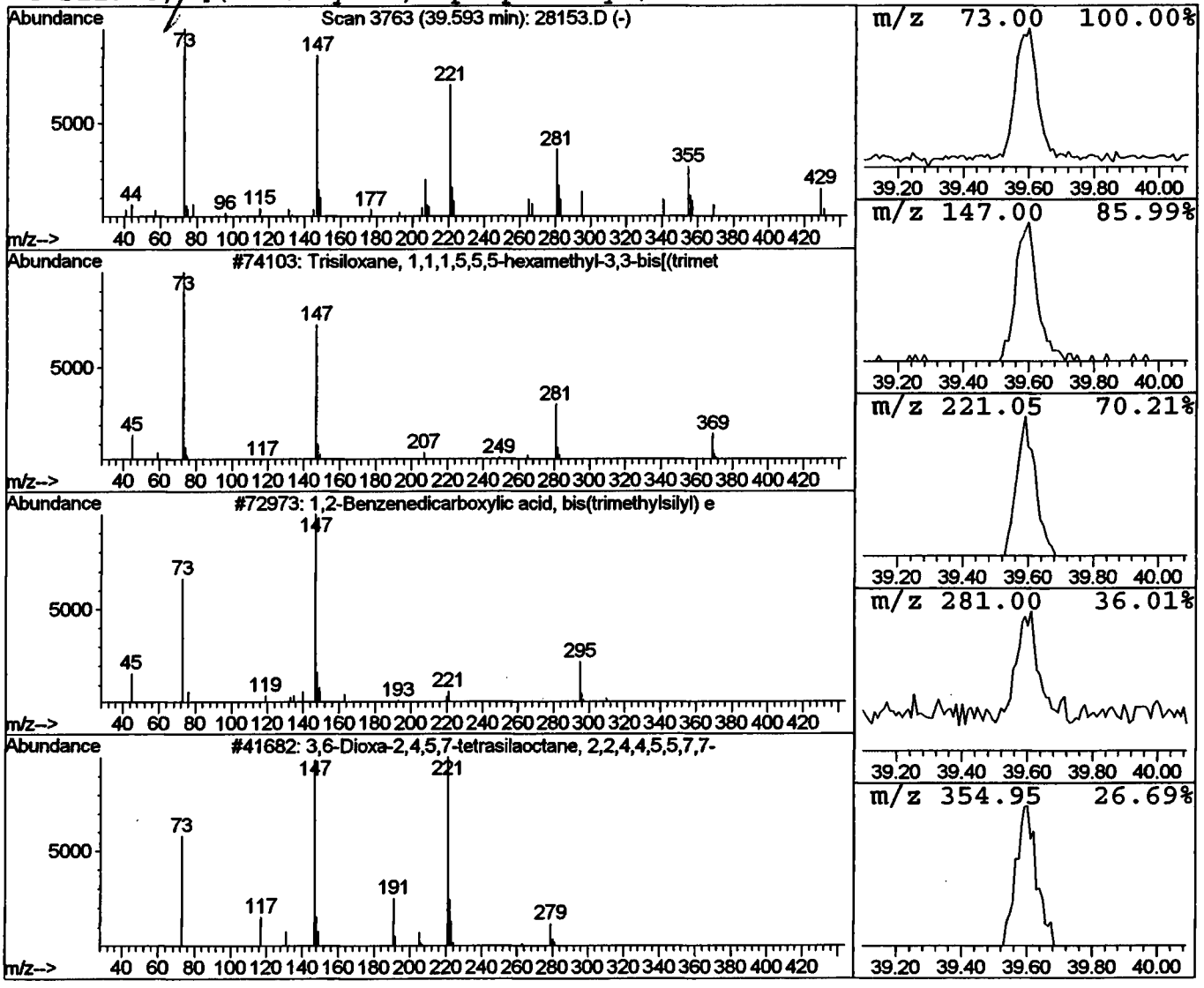
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.59	0.59 ug/l	104586	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	38
2	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	17
3	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	294	C10H30O2Si4	004342-25-0	12
4	Silane, [(1-methyl-1,3-propanediyl)	234	C10H26O2Si2	056771-47-2	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

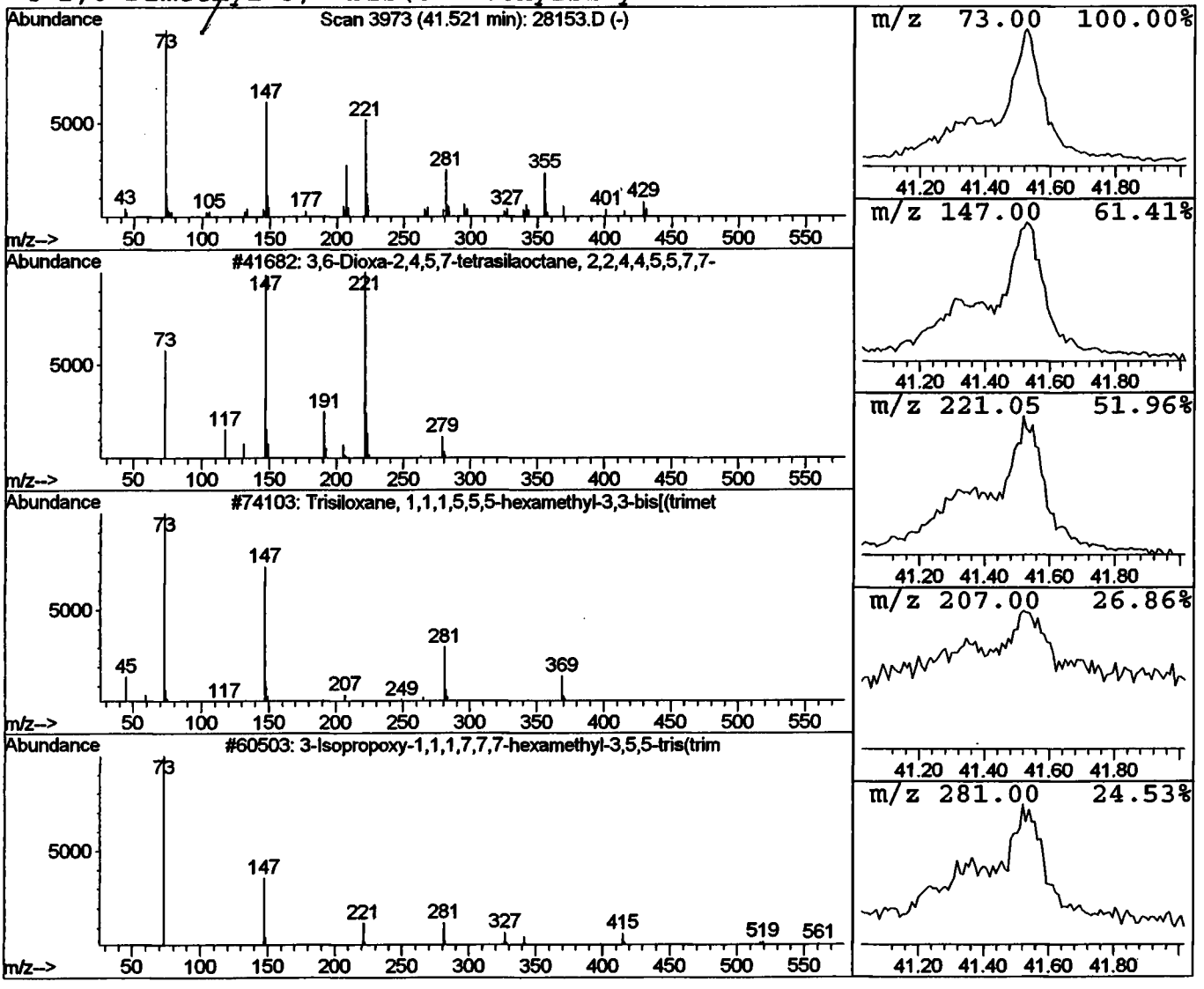
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3,6-Dioxa-2,4,5,7-tetrasilaoct Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
41.52	1.59 ug/l	283879	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	28
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
4	2,6-Dimethyl-3,4-bis(trimethylsilyl	311	C15H29NO2Si2	000000-00-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2601\28153.D
Acq On : 27 Nov 2001 2:21 am
Sample : 11/20 scan
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

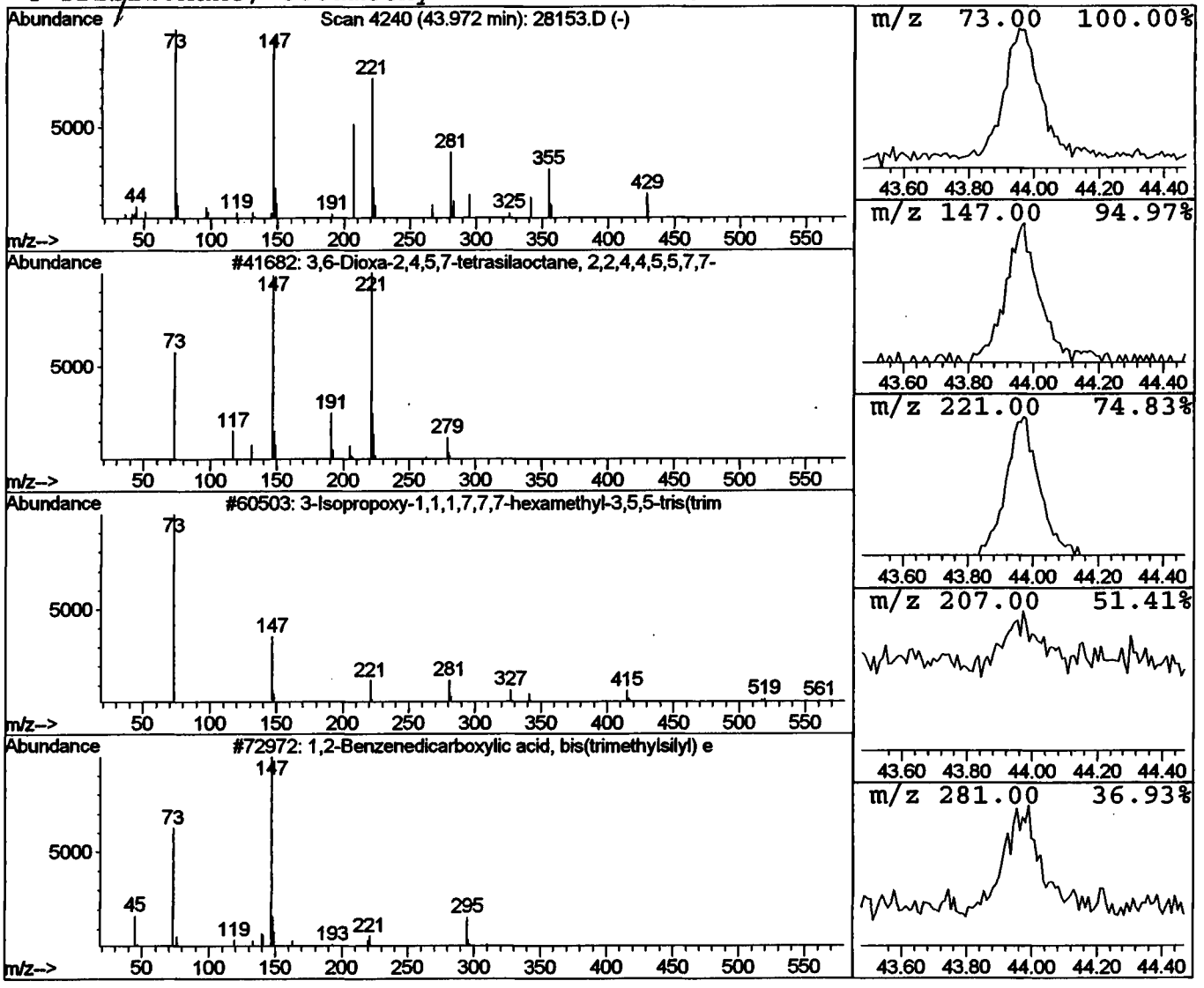
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
43.97	0.73 ug/l	129582	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	37
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
3	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	14
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Nov 2001 2:21 am
Data File: C:\HPCHEM\1\DATA\NOV2601\28153.D
Name: 11/20 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	141264	ISTD01	11.69	5307300	20.0
3,6-Dioxa-2,4,5,7-te	36.18	1.4	ug/l	246839	ISTD06	37.12	3564460	20.0
Trisiloxane, 1,1,1,5	39.59	0.6	ug/l	104586	ISTD06	37.12	3564460	20.0
3,6-Dioxa-2,4,5,7-te	41.52	1.6	ug/l	283879	ISTD06	37.12	3564460	20.0
3,6-Dioxa-2,4,5,7-te	43.97	0.7	ug/l	129582	ISTD06	37.12	3564460	20.0

28153.D GCMS1126.M Tue Nov 27 15:43:40 2001