User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:40:02

Sample: AE00009
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:39 Ended: 2/13/02 07:39 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

...ments for Sample AE00009 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-13-2002 Time: 07:40:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:38 2002

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.49	152	1021898	20.00	ug/l	-0.04
10) Naphthalene-d8	15.08	136	4001395	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.35	164	2010029	20.00	ug/l	-0.04
29) Phenanthrene-d10	24.75	188	2796972	20.00	ug/l	-0.05
38) Chrysene-d12	32.79	240	1644791	20.00	ug/l	-0.05
44) Perylene-d12	36.84	264	1133333	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	29.83	235	156826	4.89	ug/mL	-0.24
Spiked Amount 5.000			Recovery = 97.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	216	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	12.87	77	194	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	15.14	128	1445	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.87	165	302	N.D.		
25) Diethylphthalate	21.87	149	1680	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\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
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Vial: 11
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.83	178	495	N.D.	
34)	Anthracene	24.83	178	495	N.D.	
35)	Di-n-butylphthalate	26.78	149	9733	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	32.79	228	3955	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.09	149	9284	N.D.	
43)	Chrysene	32.79	228	3955	N.D.	
45)	Di-n-Octylphthalate	34.82	149	681	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	36.84	252	4556	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.	

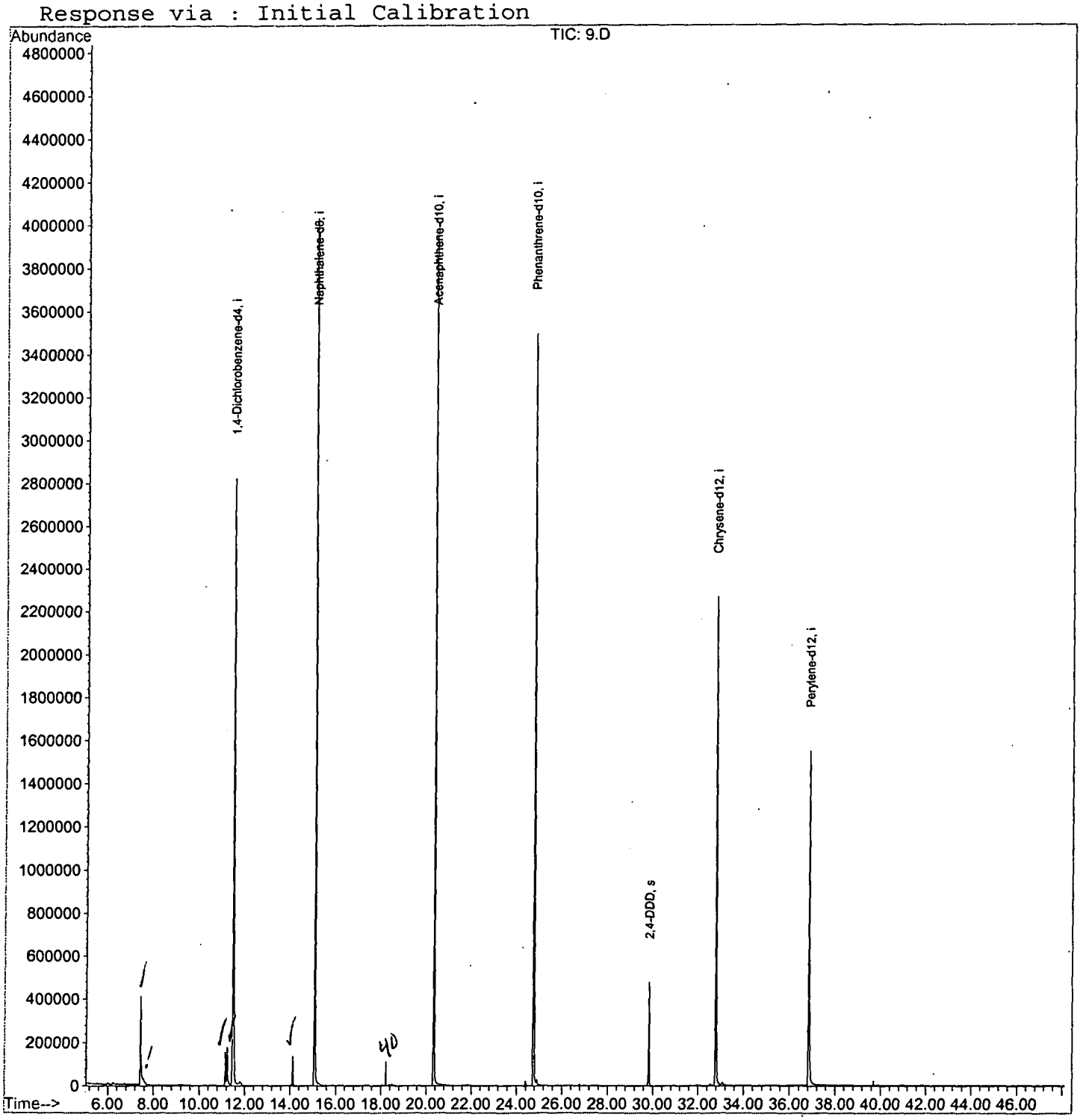
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:38 2002

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

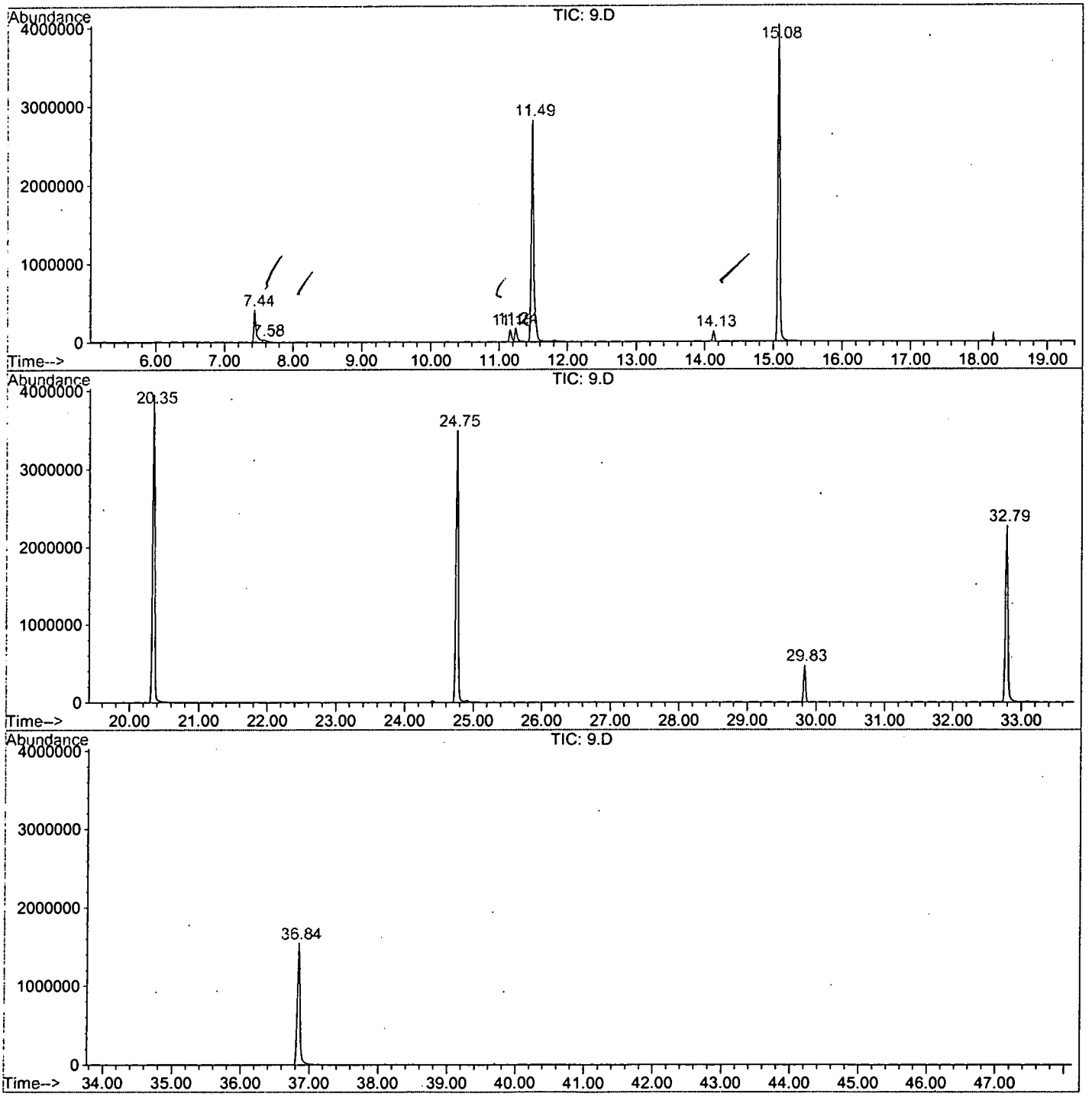
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.440	257	261	273	rBV	408584	1026150	12.15%	2.327%
2	7.577	273	276	293	rVB	30194	136580	1.62%	0.310%
3	11.158	663	666	672	rBV	154282	334438	3.96%	0.759%
4	11.240	672	675	684	rVB	170236	385736	4.57%	0.875%
5	11.488	695	702	721	rBV2	2819776	6963246	82.43%	15.793%
6	14.132	984	990	995	rBV	136615	263113	3.11%	0.597%
7	15.078	1088	1093	1112	rBV	4028848	8190814	96.96%	18.577%
8	20.347	1660	1667	1683	rBV	3950577	8447704	100.00%	19.160%
9	24.754	2141	2147	2159	rBV2	3496127	7858789	93.03%	17.824%
10	29.830	2695	2700	2707	rBV	476875	969333	11.47%	2.198%
11	32.787	3015	3022	3049	rBV	2268361	5297658	62.71%	12.015%
12	36.844	3456	3464	3490	rBV2	1547792	4217803	49.93%	9.566%

Sum of corrected areas: 44091364

9.D GCMS0208.M Fri Feb 08 13:44:25 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN2402\9.D
Operator : 209 GALOS
Acquired : 24 Jan 2002 10:52 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 1/3
Misc Info :
Vial Number: 11
Quant File :GCMS0103.RES (RTE Integrator)



9.D GCMS0208.M Fri Feb 08 13:44:31 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

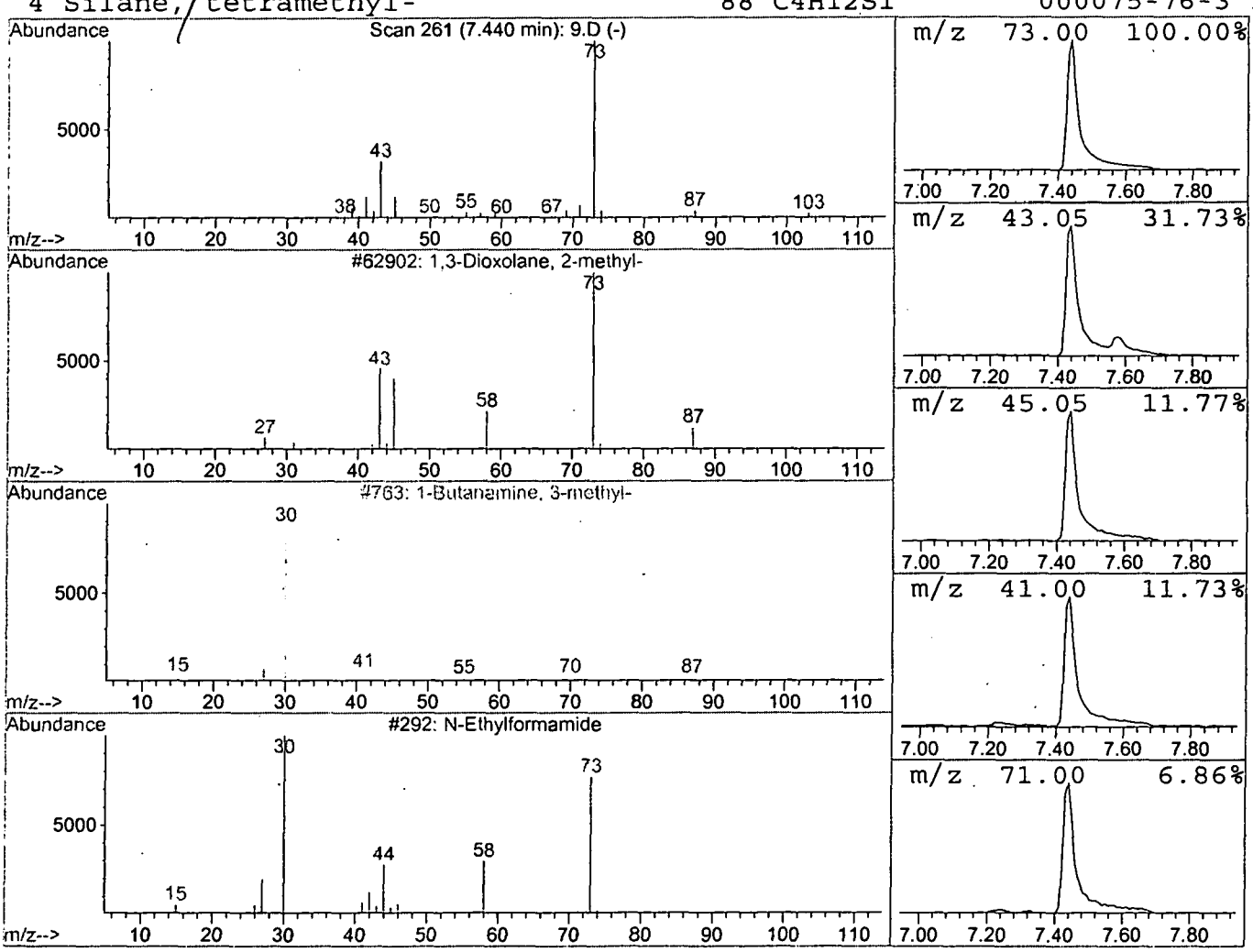
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.44	2.95 ug/l	1026150	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

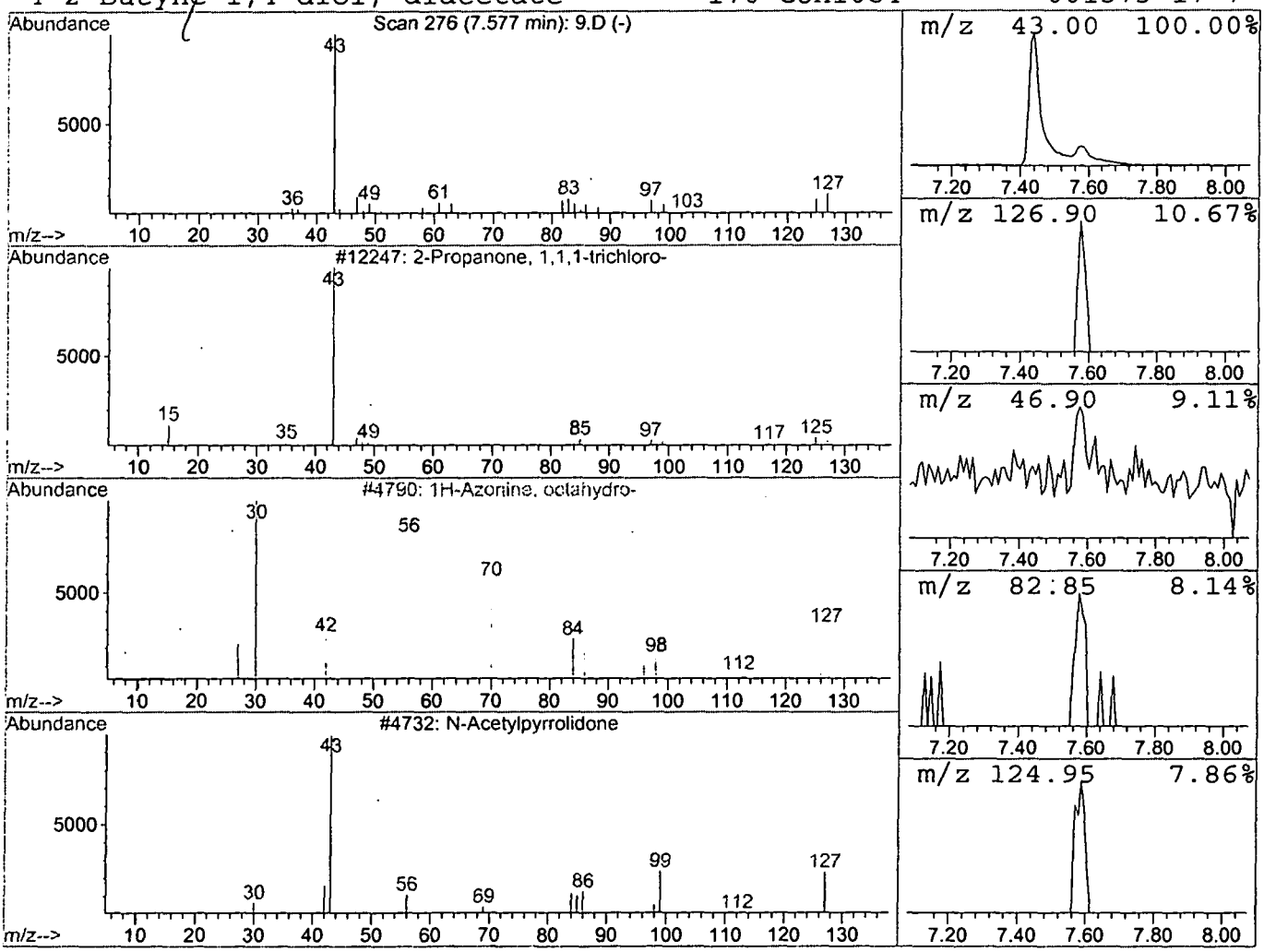
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.39 ug/l	136580	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	1H-Azonine, octahydro-	127	C8H17N	005661-71-2	5
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	2-Butyne-1,4-diol, diacetate	170	C8H10O4	001573-17-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

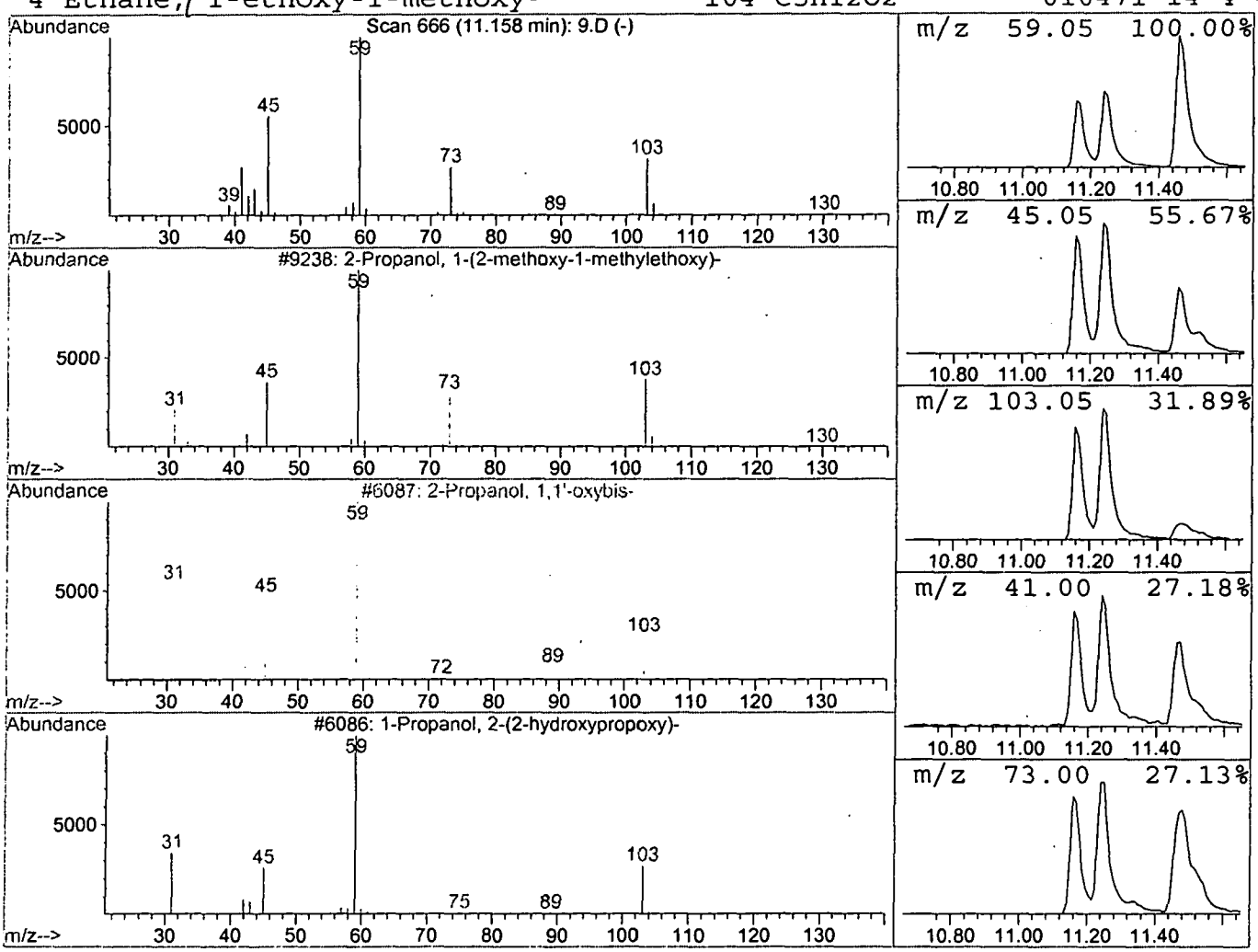
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	0.96 ug/l	334438	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

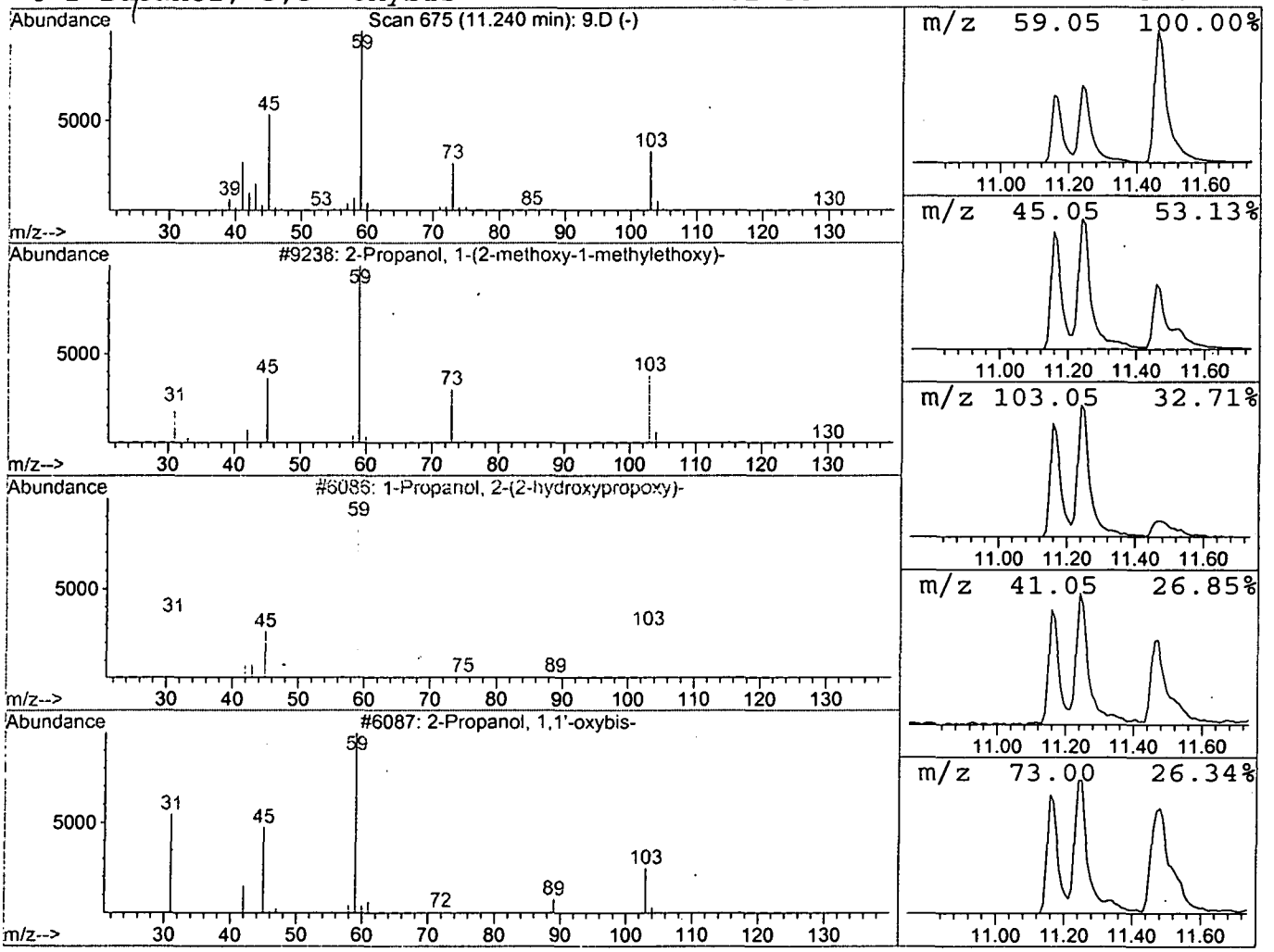
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	1.11 ug/l	385736	1,4-Dichlorobenzene-d4	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\9.D
Acq On : 24 Jan 2002 10:52 pm
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

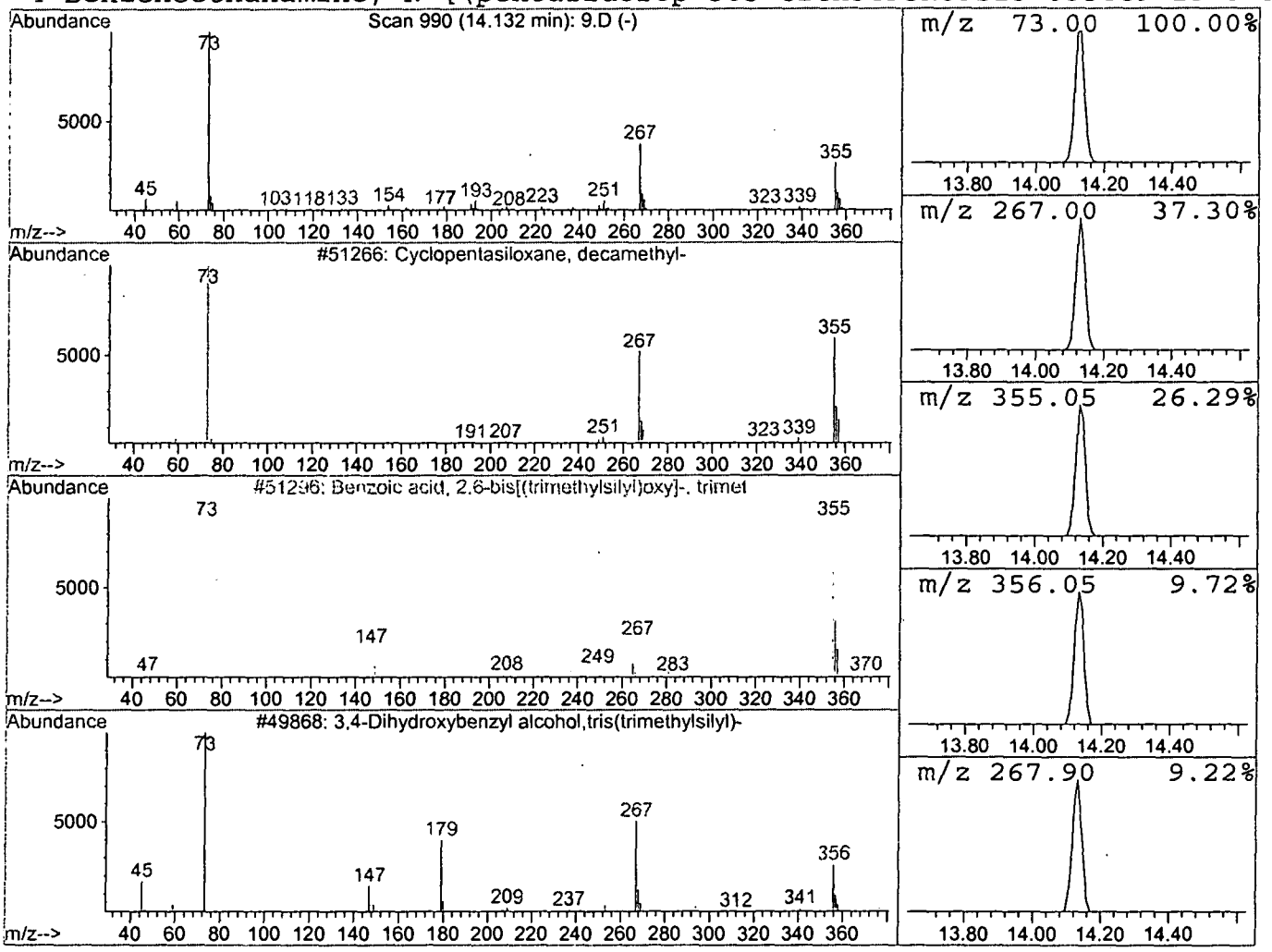
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	0.64 ug/l	263113	Naphthalene-d8	15.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 24 Jan 2002 10:52 pm
Data File: C:\HPCHEM\1\DATA\JAN2402\9.D
Name: GC/MS SCAN 1/3
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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
1,3-Dioxolane, 2-met	7.44	2.9	ug/l	1026150	ISTD01	11.49	6963250	20.0
2-Propanone, 1,1,1-t	7.58	0.4	ug/l	136580	ISTD01	11.49	6963250	20.0
2-Propanol, 1-(2-met	11.16	1.0	ug/l	334438	ISTD01	11.49	6963250	20.0
2-Propanol, 1-(2-met	11.24	1.1	ug/l	385736	ISTD01	11.49	6963250	20.0
Cyclopentasiloxane,	14.13	0.6	ug/l	263113	ISTD02	15.08	8190810	20.0

9.D GCMS0208.M Fri Feb 08 13:44:58 2002