Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:29 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.20	152	623664	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2268806m	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1238497	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1714053	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	1075353	40.00	ug/l	-0.02
44) Perylene-d12	37.88	264	667649	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	41302	6.85	ug/L	-0.01
Spiked Amount 10.000			Recovery = 68.50%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	0.00	77	0	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	0.00	128	0	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	21.42	165	181	N.D.		
25) Diethylphthalate	22.61	149	1513	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	389	N.D.		

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

Quantitation Report (QT Reviewed)

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MS Integration Params: GOOFY.P
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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	389	N.D.	
36)	Di-n-butylphthalate	27.55	149	11394	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.08	149	817	N.D.	
41)	Benzo(a)anthracene	33.64	228	2452	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	43635	1.70 ug/l	99
43)	Chrysene	33.64	228	2452	N.D.	
45)	Di-n-Octylphthalate	35.61	149	969	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	37.88	252	2565	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

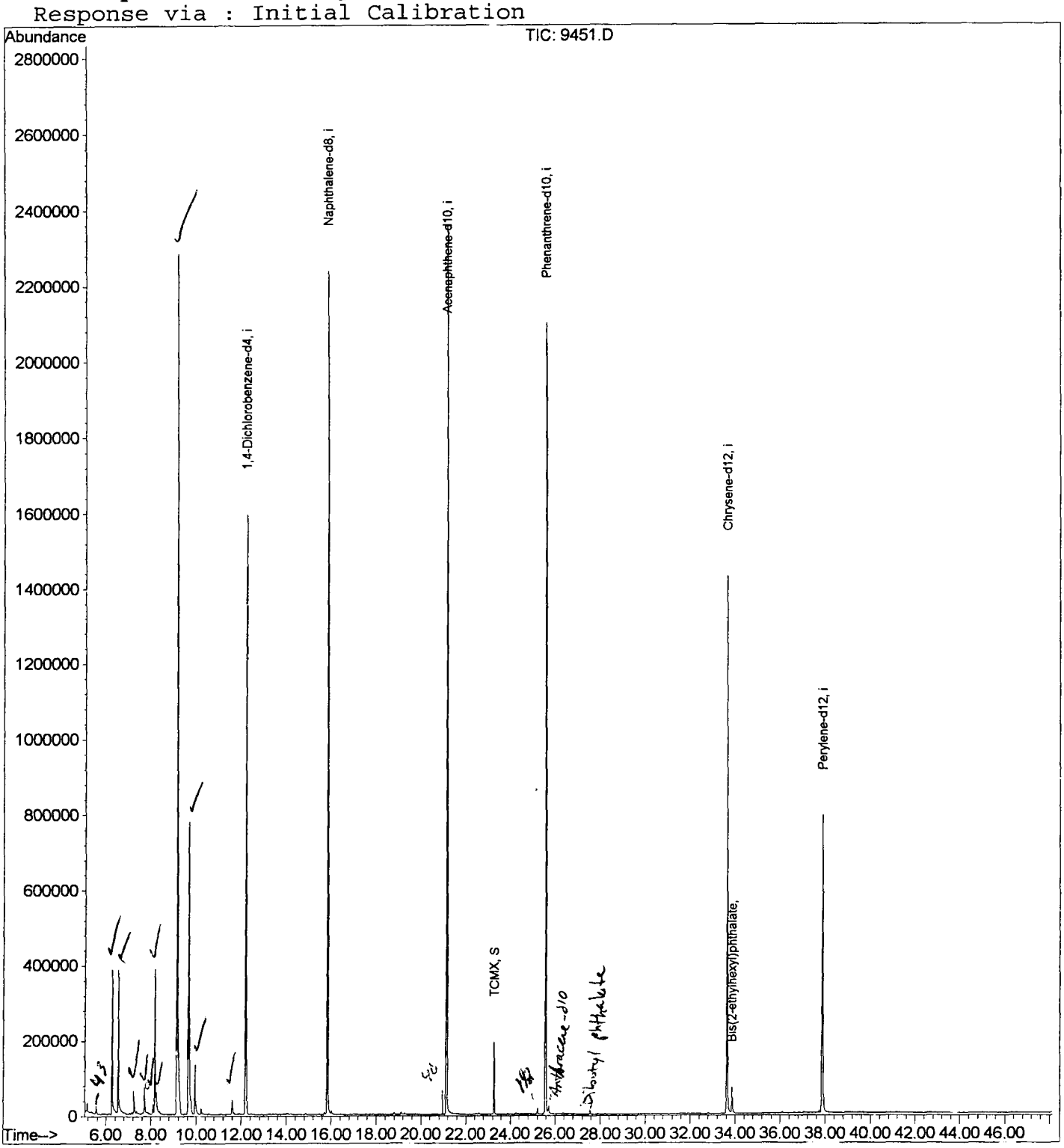
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D
Acq On : 2 May 2002 11:38 pm
Sample : GC/MS SCAN 4/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 3 8:29 2002

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

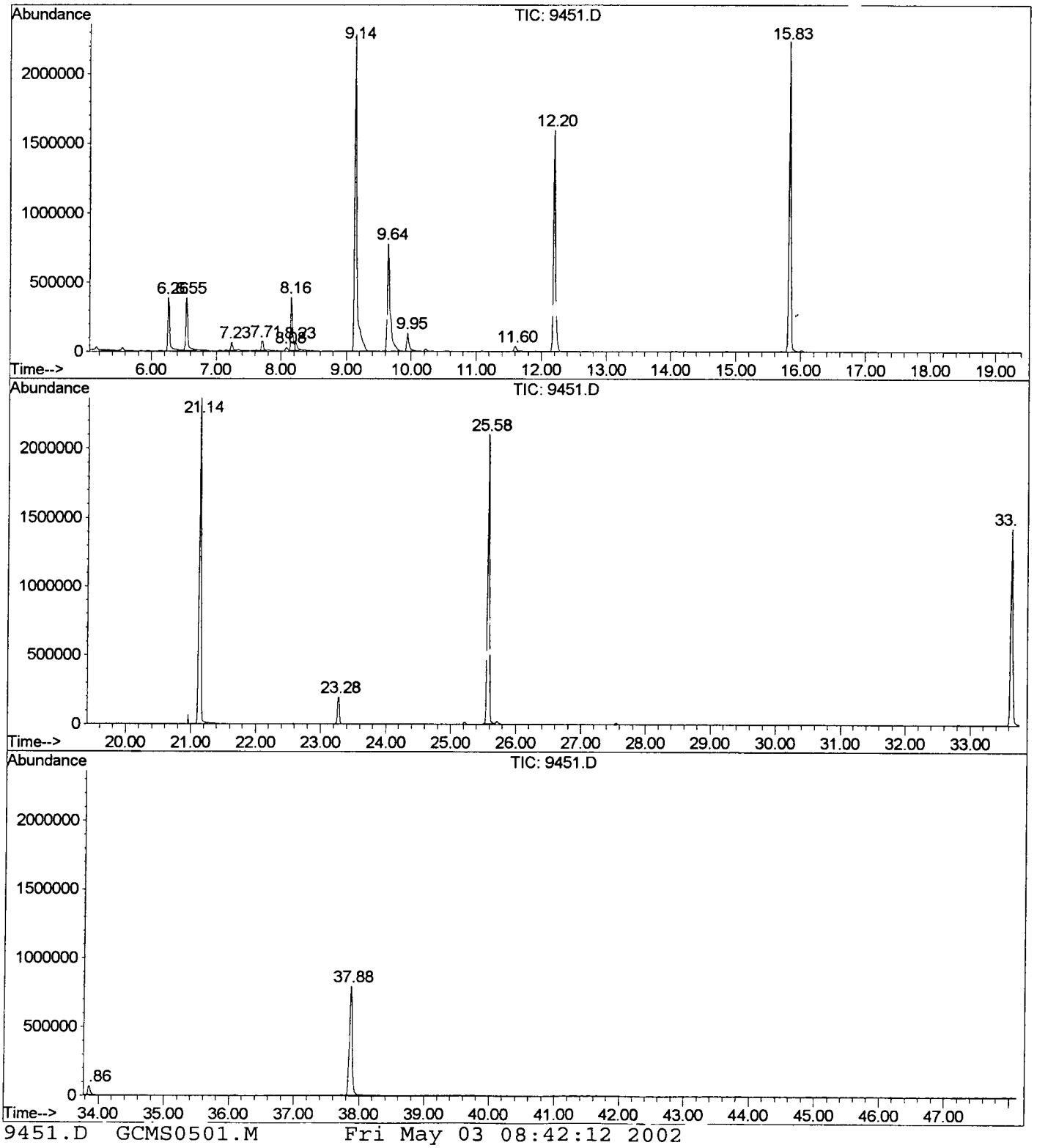
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.261	129	133	154	rBV	385816	803618	14.96%	2.306%
2	6.545	159	164	180	rBV	379663	789983	14.71%	2.267%
3	7.233	236	239	247	rBV	61832	132550	2.47%	0.380%
4	7.709	287	291	298	rBV2	69348	153273	2.85%	0.440%
5	8.085	328	332	337	rBV2	25758	56589	1.05%	0.162%
6	8.158	337	340	346	rVV	383658	782358	14.56%	2.245%
7	8.232	346	348	360	rVB	55327	135408	2.52%	0.389%
8	9.139	441	447	477	rVB	2279141	5371758	100.00%	15.417%
9	9.643	494	502	526	rBV	776960	2264213	42.15%	6.498%
10	9.945	530	535	555	rVB	132201	328037	6.11%	0.941%
11	11.604	708	716	723	rBV	38772	98541	1.83%	0.283%
12	12.199	775	781	796	rVB	1591232	3611457	67.23%	10.365%
13	15.828	1171	1177	1194	rBV	2234094	4566504	85.01%	13.106%
14	21.143	1749	1757	1770	rBV	2357827	5053134	94.07%	14.503%
15	23.278	1983	1990	1995	rVB	192468	400490	7.46%	1.149%
16	25.578	2235	2241	2251	rBV2	2092602	4585713	85.37%	13.161%
17	33.642	3114	3121	3137	rBV2	1427519	3227090	60.08%	9.262%
18	33.862	3139	3145	3151	rBV	67018	148543	2.77%	0.426%
19	37.876	3574	3583	3600	rBV2	789559	2333698	43.44%	6.698%

Sum of corrected areas: 34842957

9451.D GCMS0501.M Fri May 03 08:42:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9451.D
Operator :
Acquired : 2 May 2002 11:38 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/19
Misc Info :
Vial Number: 10
Quant File :GCMS0501.RES (RTE Integrator)



9451.D GCMS0501.M Fri May 03 08:42:12 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

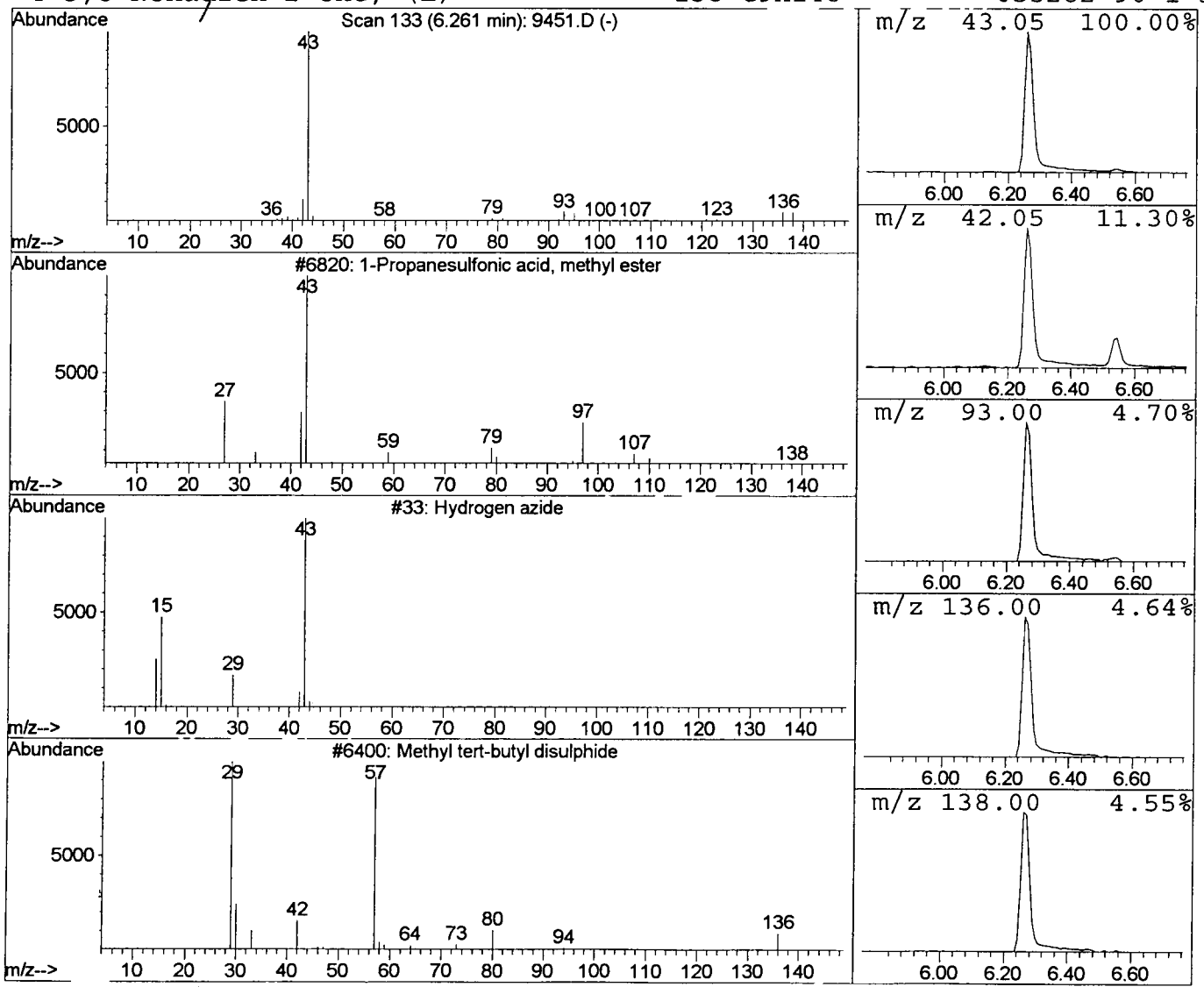
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Propanesulfonic acid, methyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	8.90 ug/l	803618	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanesulfonic acid, methyl este	138	C4H10O3S	002697-50-9	4
2	Hydrogen azide	43	HN3	007782-79-8	4
3	Methyl tert-butyl disulphide	136	C5H12S2	035166-82-6	3
4	3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

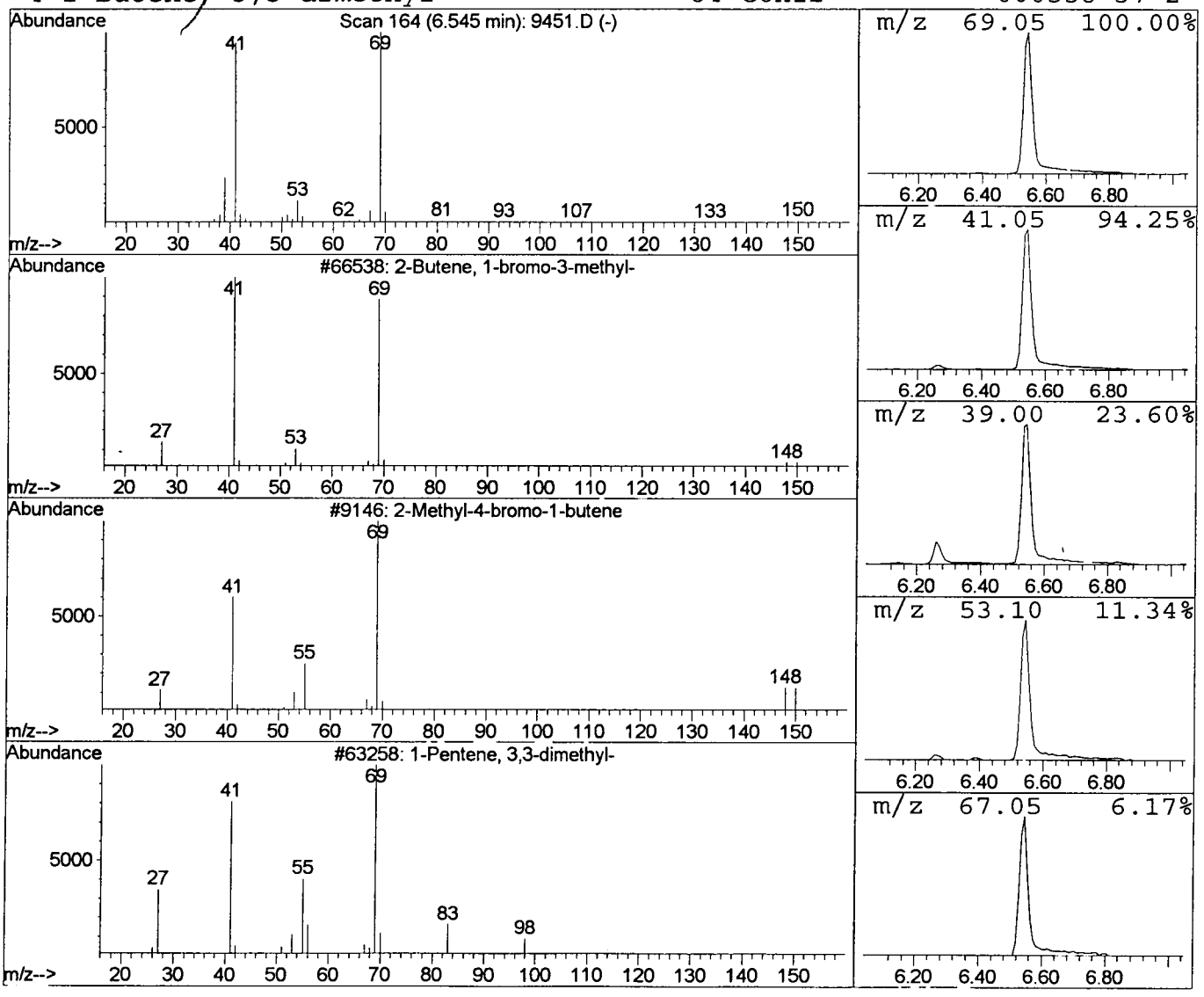
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butene, 1-bromo-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	8.75 ug/l	789983	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	74
2	2-Methyl-4-bromo-1-butene	148	C5H9Br	020038-12-4	56
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	43
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

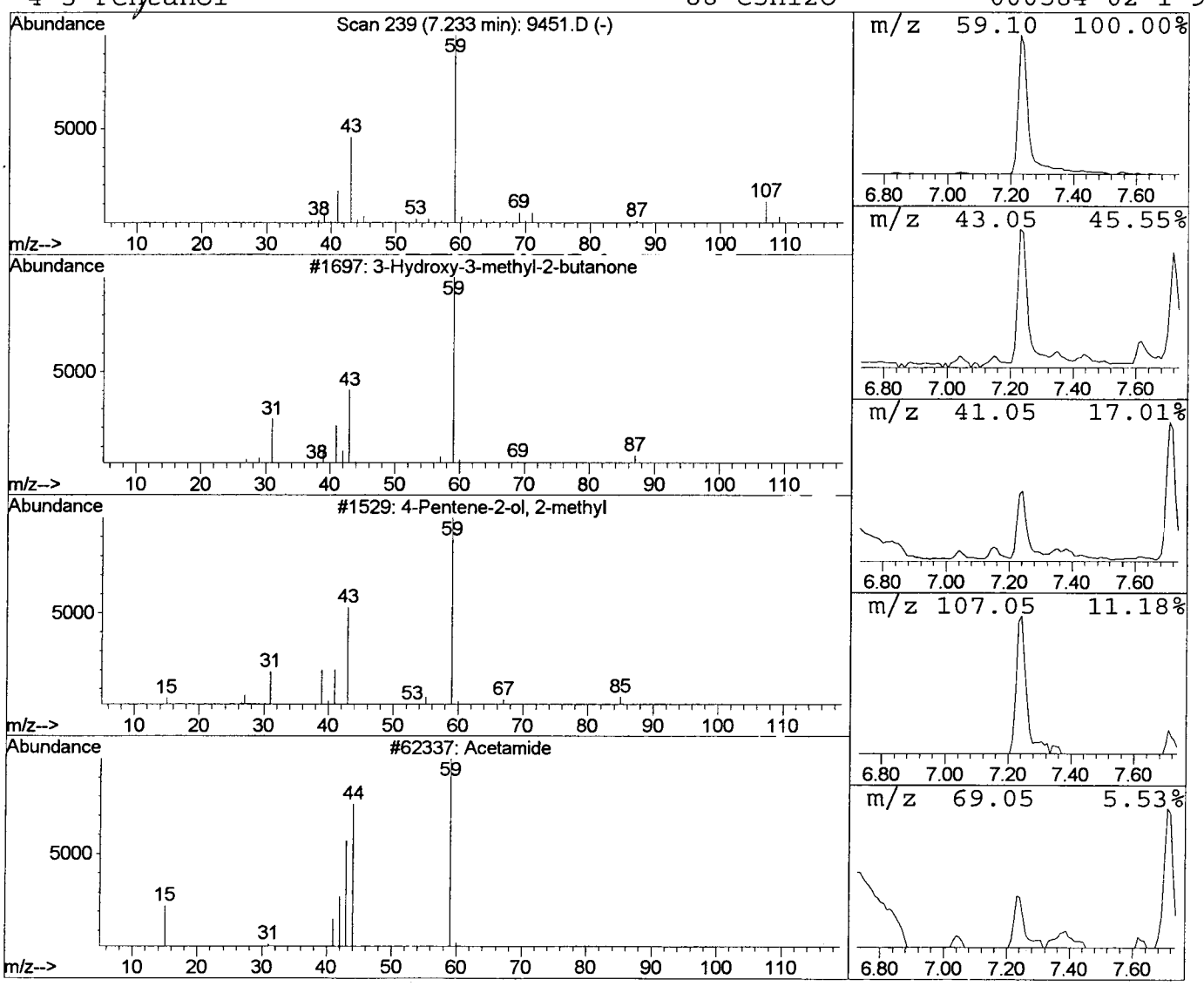
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hydroxy-3-methyl-2-butanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	1.47 ug/l	132550	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
2	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	36
3	Acetamide	59	C2H5NO	000060-35-5	9
4	3-Pentanol	88	C5H12O	000584-02-1	9



Library Search Compound Report

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Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

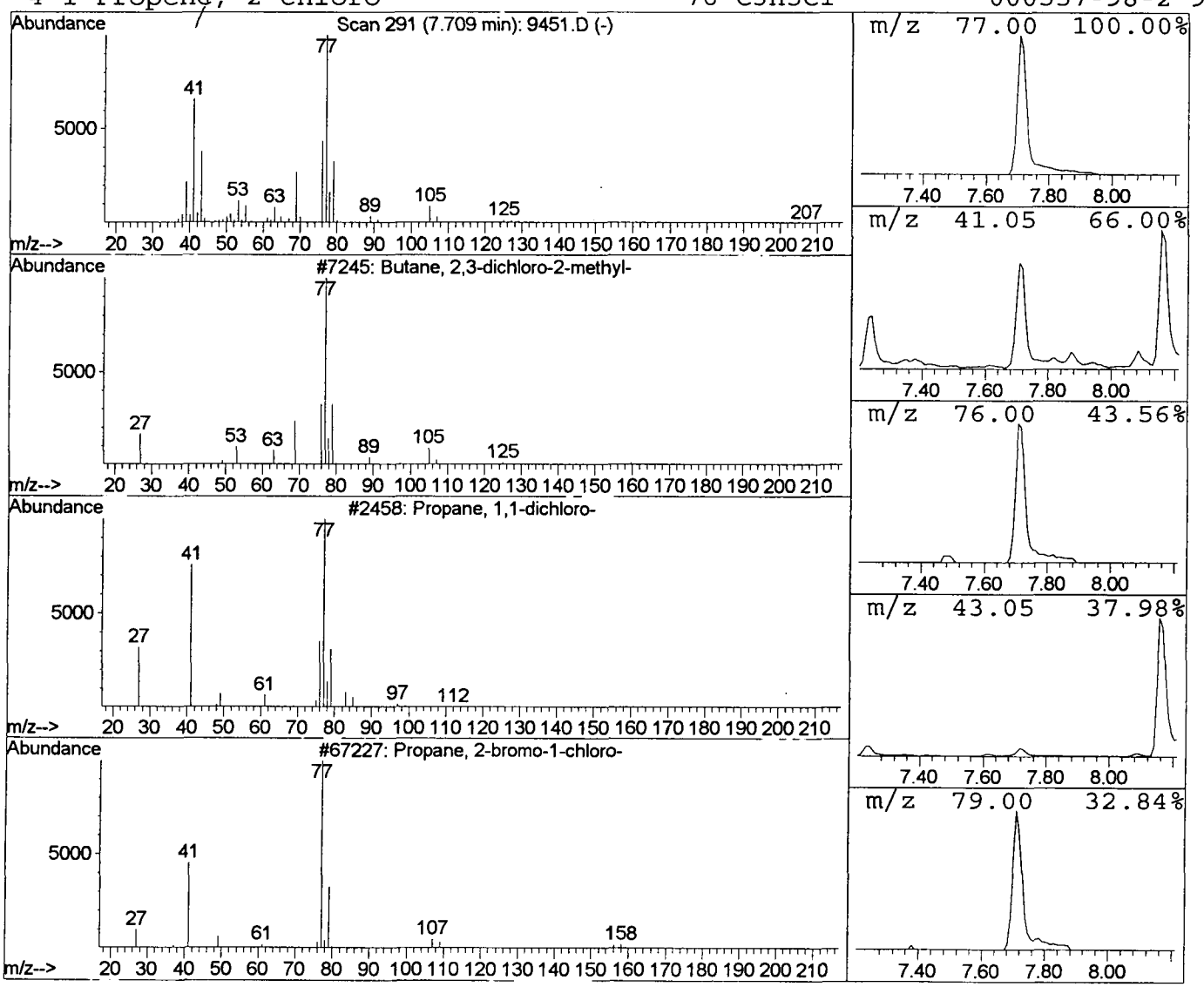
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Butane, 2,3-dichloro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	1.70 ug/l	153273	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	72
2	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	56
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	28
4	1-Propene, 2-chloro-	76	C3H5Cl	000557-98-2	9



Library Search Compound Report

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Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
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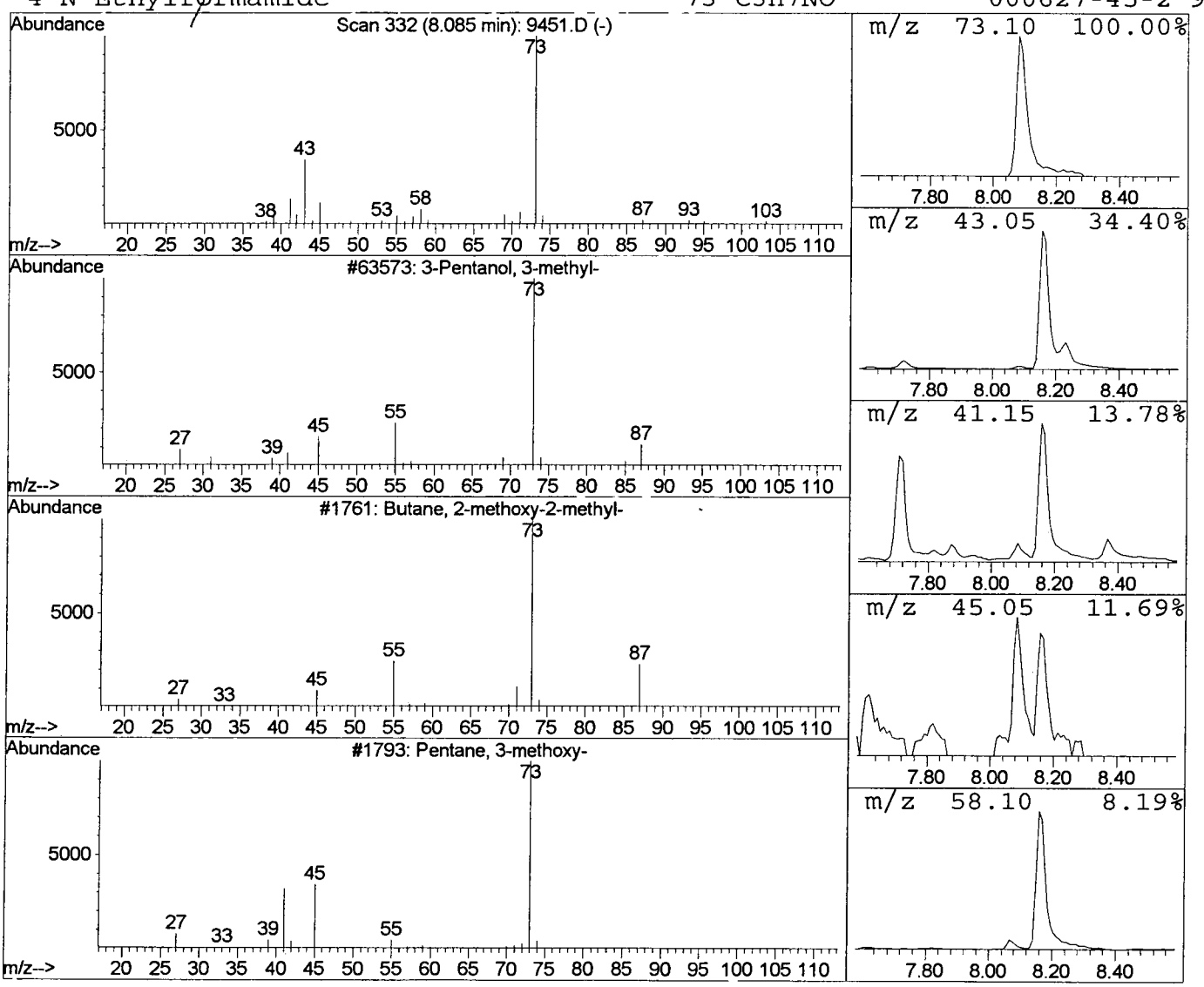
****

Peak Number 5 3-Pentanol, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	0.63 ug/l	56589	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



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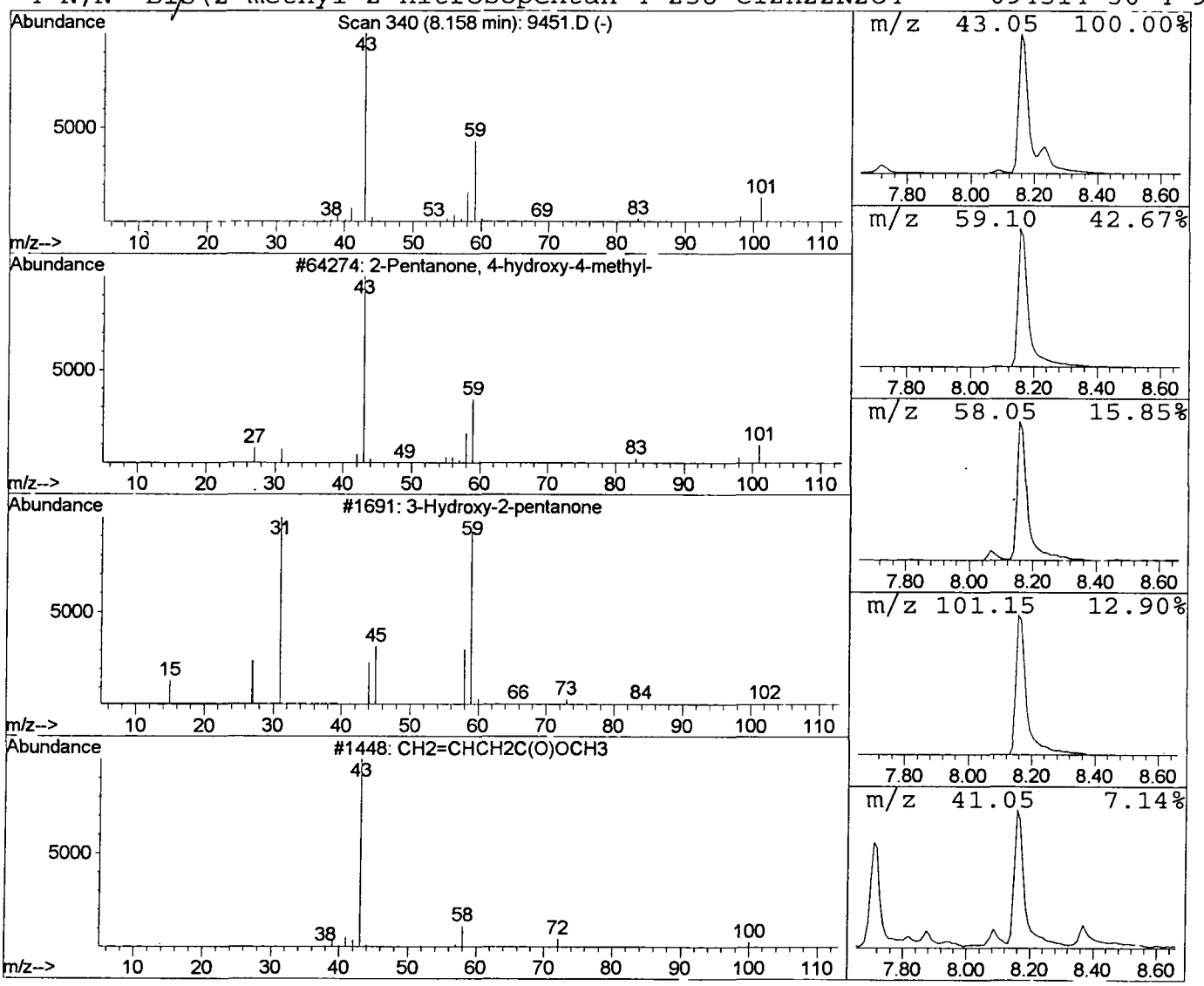
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.67 ug/l	782358	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



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Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
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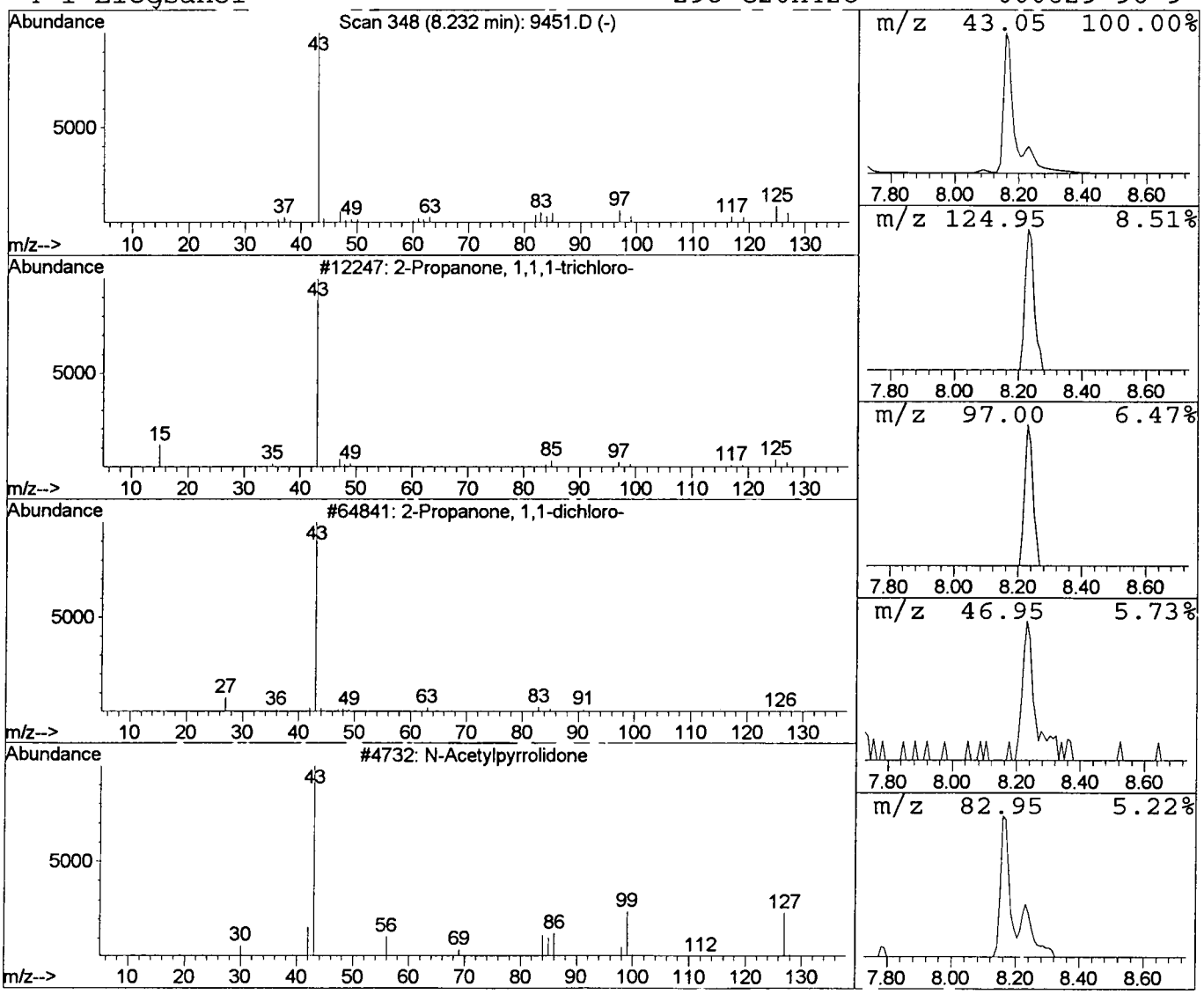
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 2-Propanone, 1,1,1-trichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	1.50 ug/l	135408	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	37
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
4	1-Eicosanol	298	C20H42O	000629-96-9	4



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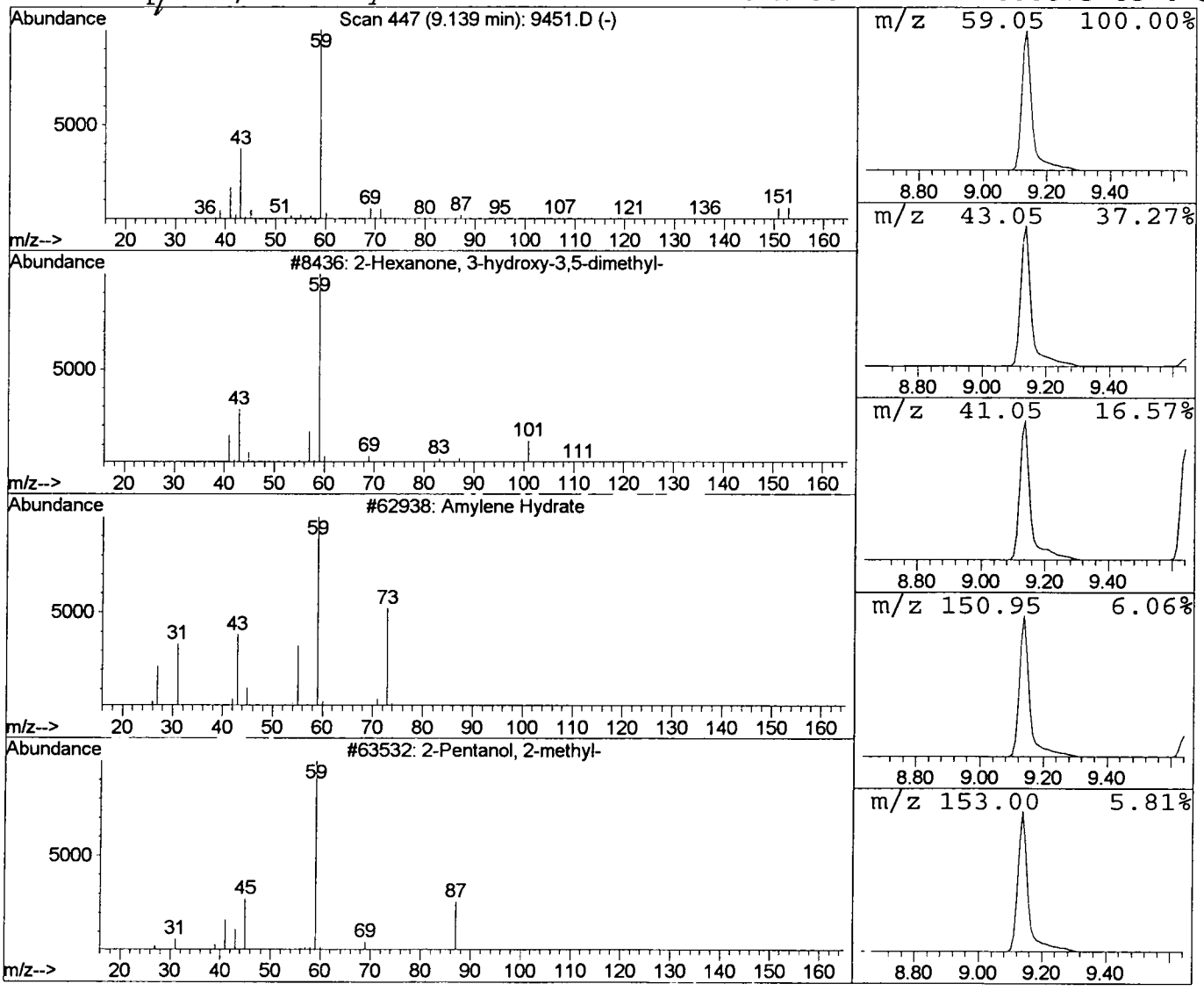
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 2-Hexanone, 3-hydroxy-3,5-dime Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	59.50 ug/l	5371760	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	39
2	Amylene Hydrate	88	C5H12O	000075-85-4	38
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	38
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	36



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Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

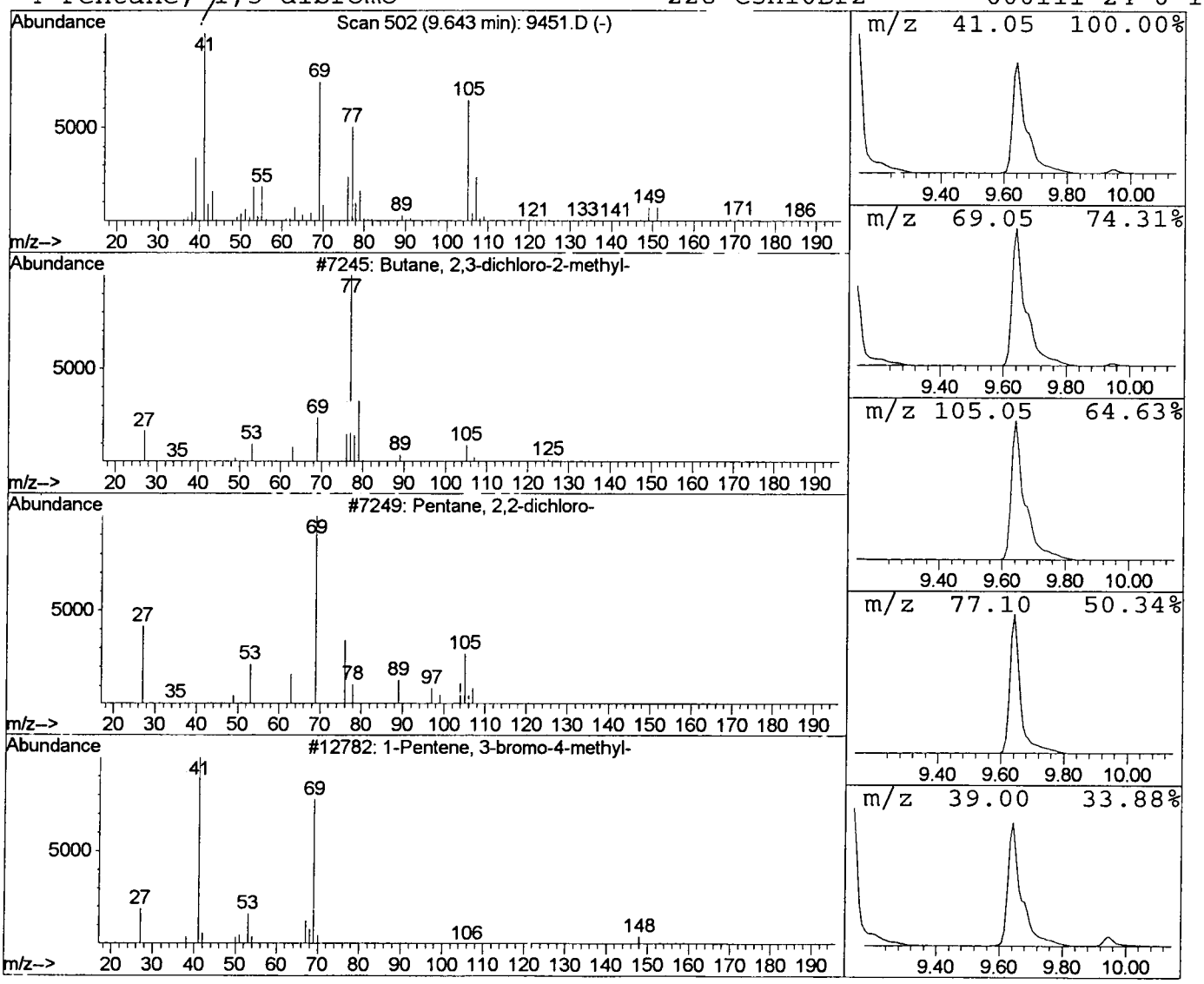
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Butane, 2,3-dichloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	25.08 ug/l	2264210	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	35
2	Pentane, 2,2-dichloro-	140	C5H10Cl2	034887-14-4	28
3	1-Pentene, 3-bromo-4-methyl-	162	C6H11Br	000815-47-4	27
4	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

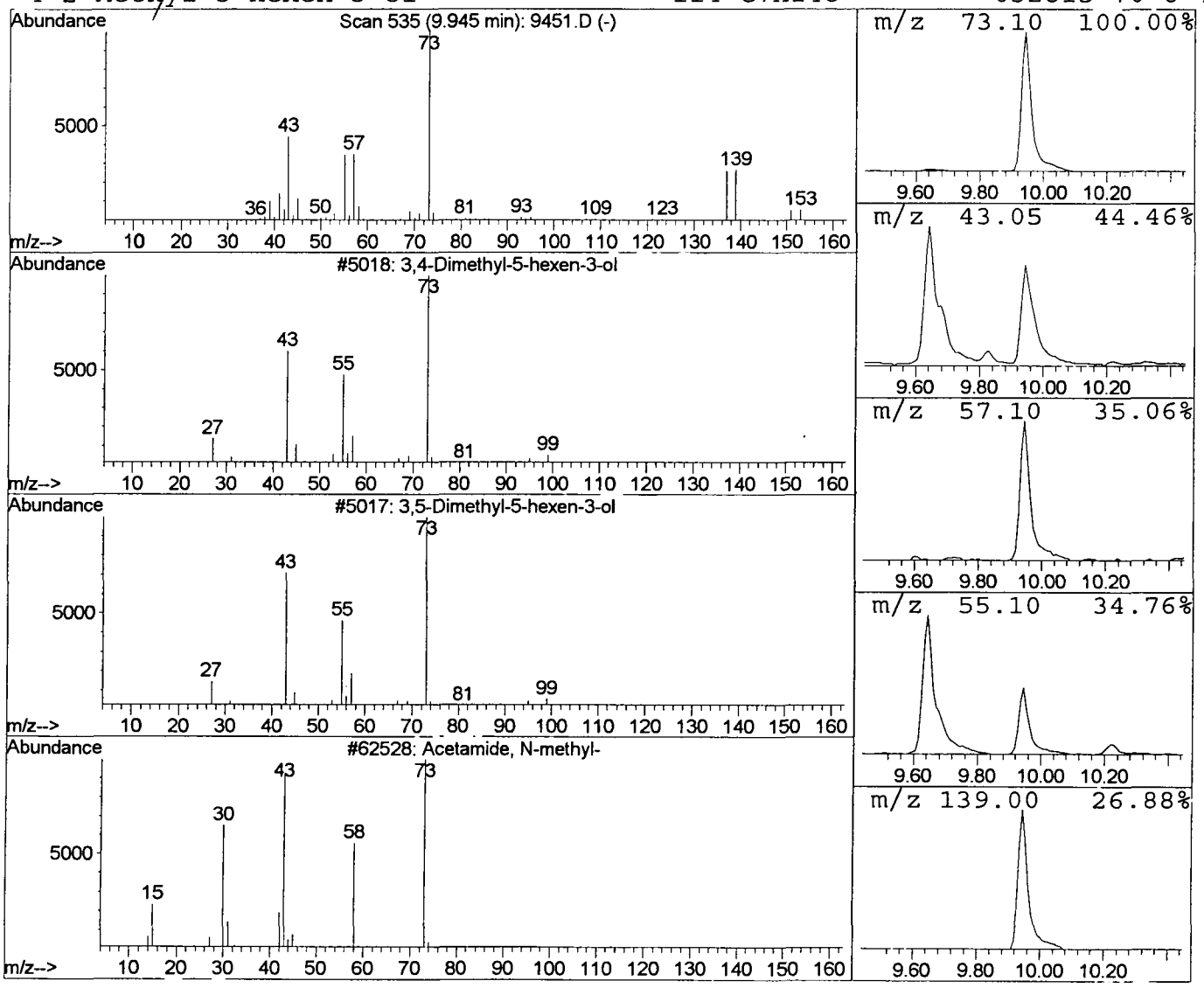
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 3,4-Dimethyl-5-hexen-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.63 ug/l	328037	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9
2	3,5-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	9
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9451.D Vial: 10
Acq On : 2 May 2002 11:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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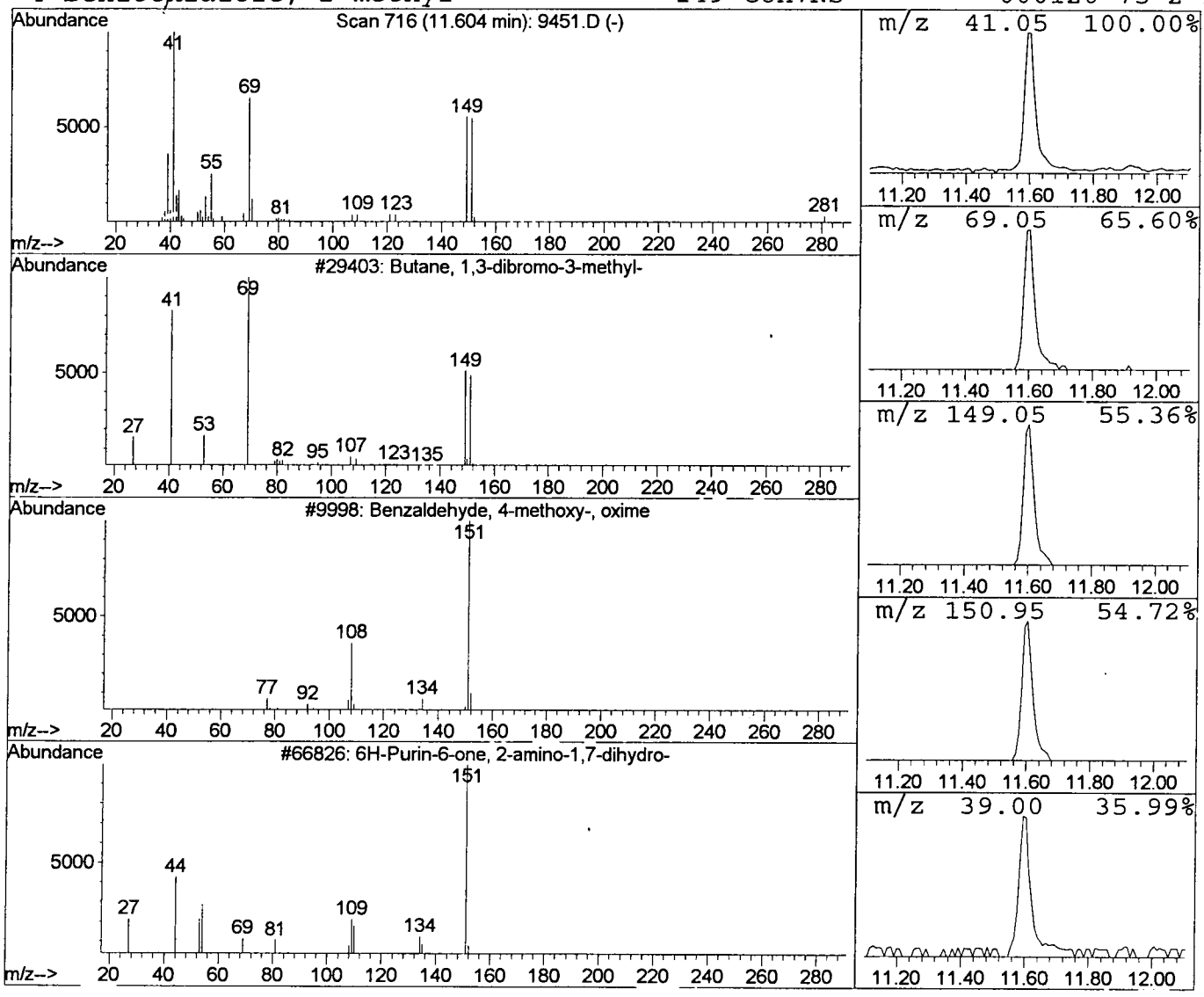
Peak Number 11 Butane, 1,3-dibromo-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	1.09 ug/l	98541	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,3-dibromo-3-methyl-	228	C5H10Br2	024443-15-0	25
2	Benzaldehyde, 4-methoxy-, oxime	151	C8H9NO2	003235-04-9	9
3	6H-Purin-6-one, 2-amino-1,7-dihydro	151	C5H5N5O	000073-40-5	9
4	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 May 2002 11:38 pm
Data File: C:\HPCHEM\1\DATA\MAY0202\9451.D
Name: GC/MS SCAN 4/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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-Propanesulfonic ac	6.26	8.9	ug/l	803618	ISTD01	12.20	3611460	40.0
2-Butene, 1-bromo-3-	6.55	8.7	ug/l	789983	ISTD01	12.20	3611460	40.0
3-Hydroxy-3-methyl-2	7.23	1.5	ug/l	132550	ISTD01	12.20	3611460	40.0
Butane, 2,3-dichloro	7.71	1.7	ug/l	153273	ISTD01	12.20	3611460	40.0
3-Pentanol, 3-methyl	8.08	0.6	ug/l	56589	ISTD01	12.20	3611460	40.0
2-Pentanone, 4-hydro	8.16	8.7	ug/l	782358	ISTD01	12.20	3611460	40.0
2-Propanone, 1,1,1-t	8.23	1.5	ug/l	135408	ISTD01	12.20	3611460	40.0
2-Hexanone, 3-hydrox	9.14	59.5	ug/l	5371760	ISTD01	12.20	3611460	40.0
Butane, 2,3-dichloro	9.64	25.1	ug/l	2264210	ISTD01	12.20	3611460	40.0
3,4-Dimethyl-5-hexen	9.95	3.6	ug/l	328037	ISTD01	12.20	3611460	40.0
Butane, 1,3-dibromo-	11.60	1.1	ug/l	98541	ISTD01	12.20	3611460	40.0

9451.D GCMS0501.M Fri May 03 08:42:22 2002