Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:45 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	12.19	152	420198	40.00	ug/l	-0.03
10) Naphthalene-d8	15.83	136	1533062	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.13	164	828592	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1155115	40.00	ug/l	-0.02
38) Chrysene-d12	33.63	240	754762	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	447850	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	20656	5.12	ug/L	-0.03
Spiked Amount 10.000			Recovery = 51.20%			
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	13.84	77	111	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	15.88	128	506	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.62	149	661	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	25.64	178	413	N.D.		

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

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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	25.64	178	414	N.D.	
36)	Di-n-butylphthalate	27.55	149	3760	N.D.	
37)	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	33.64	228	1736	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2038	N.D.	
43)	Chrysene	33.64	228	1736	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	37.87	252	1777	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

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Title : 209 625/TCLP calibration table
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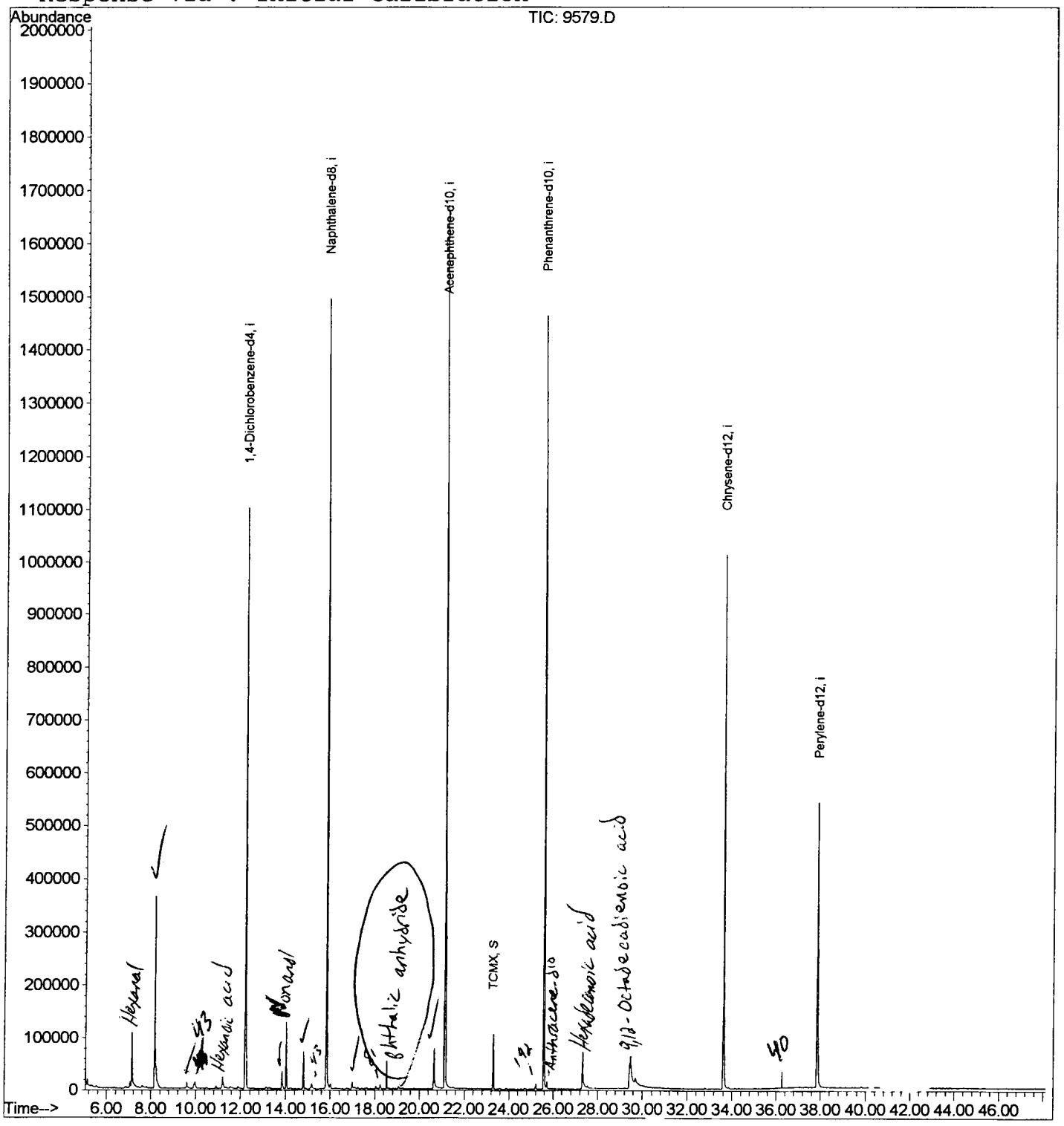


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 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

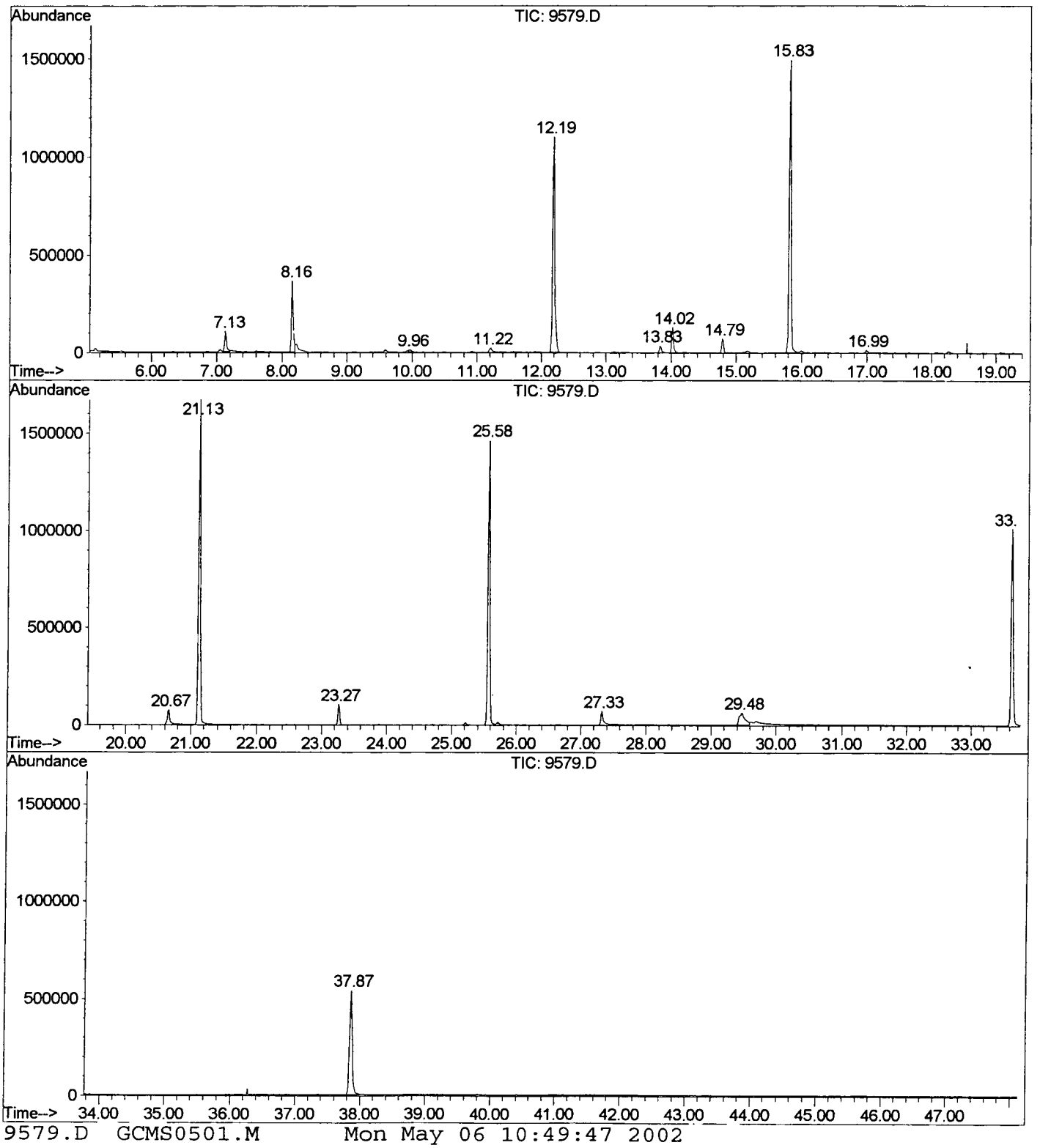
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.131	224	228	236	rBV	101533	198881	5.87%	1.081%
2	8.157	336	340	345	rBV	363966	707505	20.88%	3.844%
3	9.962	535	537	549	rVB2	12081	34505	1.02%	0.187%
4	11.218	667	674	686	rBV	21872	71137	2.10%	0.387%
5	12.189	774	780	793	rVB	1098742	2439257	71.99%	13.254%
6	13.829	955	959	968	rBV	33690	76012	2.24%	0.413%
7	14.022	976	980	987	rBV	127304	239335	7.06%	1.300%
8	14.791	1058	1064	1069	rBV	70910	134660	3.97%	0.732%
9	15.827	1170	1177	1191	rBV	1492029	3094706	91.33%	16.816%
10	16.991	1299	1304	1312	rBV	14215	38405	1.13%	0.209%
11	20.665	1696	1705	1715	rBV	76108	201649	5.95%	1.096%
12	21.133	1749	1756	1770	rBV	1668610	3388448	100.00%	18.412%
13	23.268	1982	1989	1996	rBV	104029	200850	5.93%	1.091%
14	25.577	2234	2241	2251	rBV2	1461791	3135195	92.53%	17.036%
15	27.327	2426	2432	2446	rBV2	70416	201358	5.94%	1.094%
16	29.481	2655	2667	2679	rBV4	62233	379849	11.21%	2.064%
17	33.632	3113	3120	3137	rBV2	1009733	2276742	67.19%	12.371%
18	37.865	3572	3582	3598	rBV2	538087	1585157	46.78%	8.613%

Sum of corrected areas: 18403651

9579.D GCMS0501.M Mon May 06 10:49:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\9579.D
Operator :
Acquired : 3 May 2002 9:52 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24
Misc Info :
Vial Number: 9
Quant File :GCMS0501.RES (RTE Integrator)



9579.D GCMS0501.M Mon May 06 10:49:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

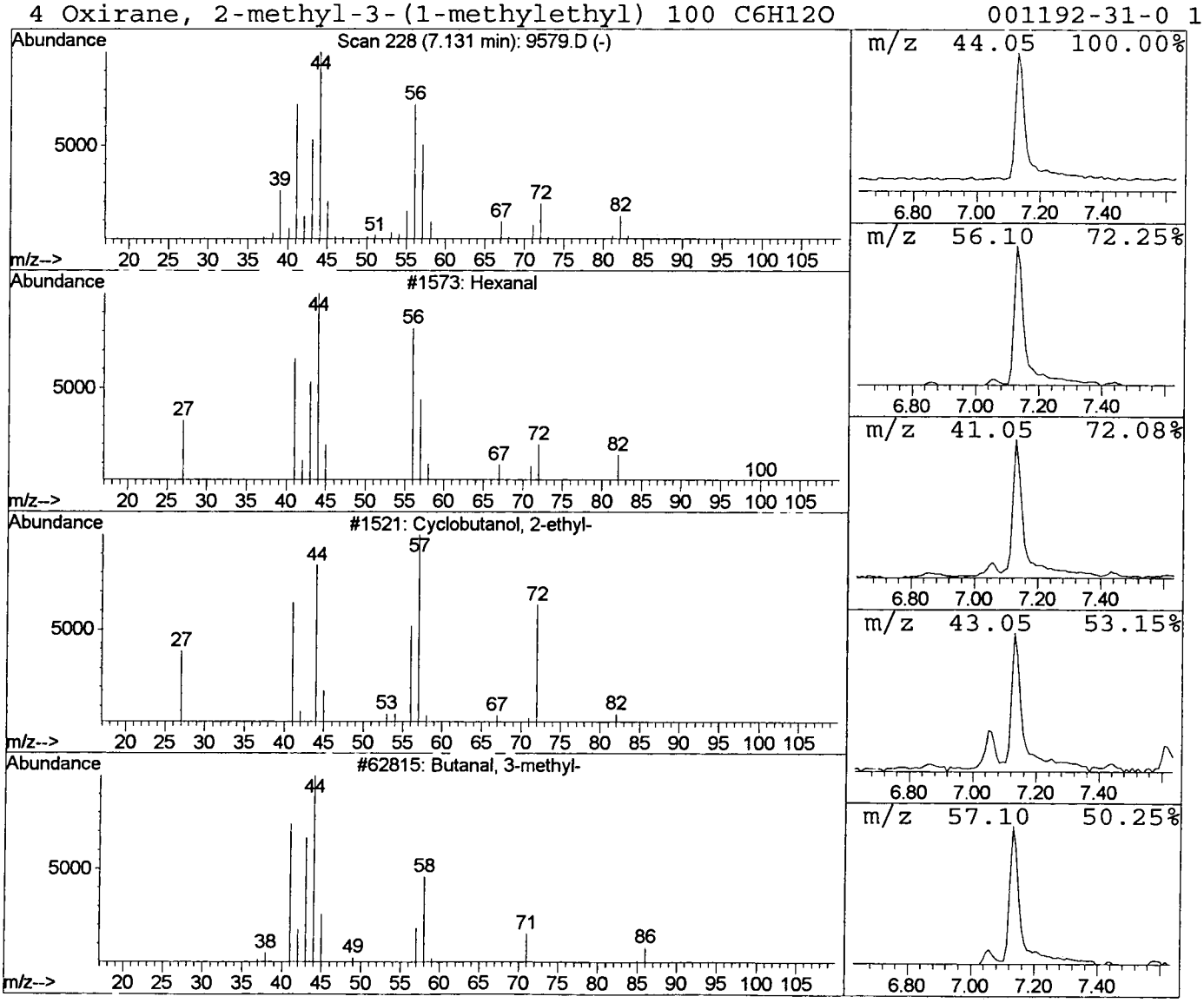
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.26 ug/l	198881	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	56
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	28
4	Oxirane, 2-methyl-3-(1-methylethyl)	100	C6H12O	001192-31-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

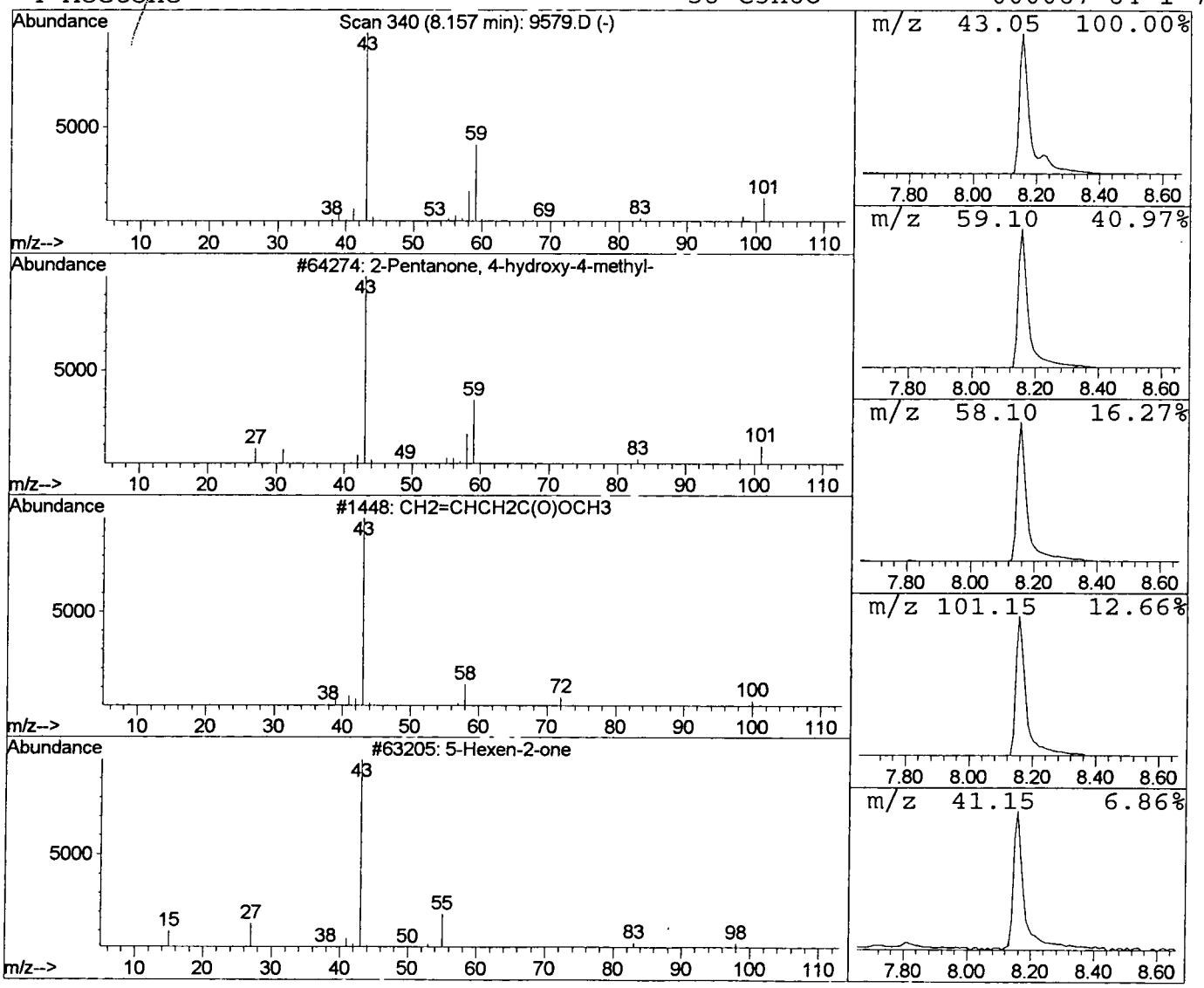
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.60 ug/l	707505	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

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Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

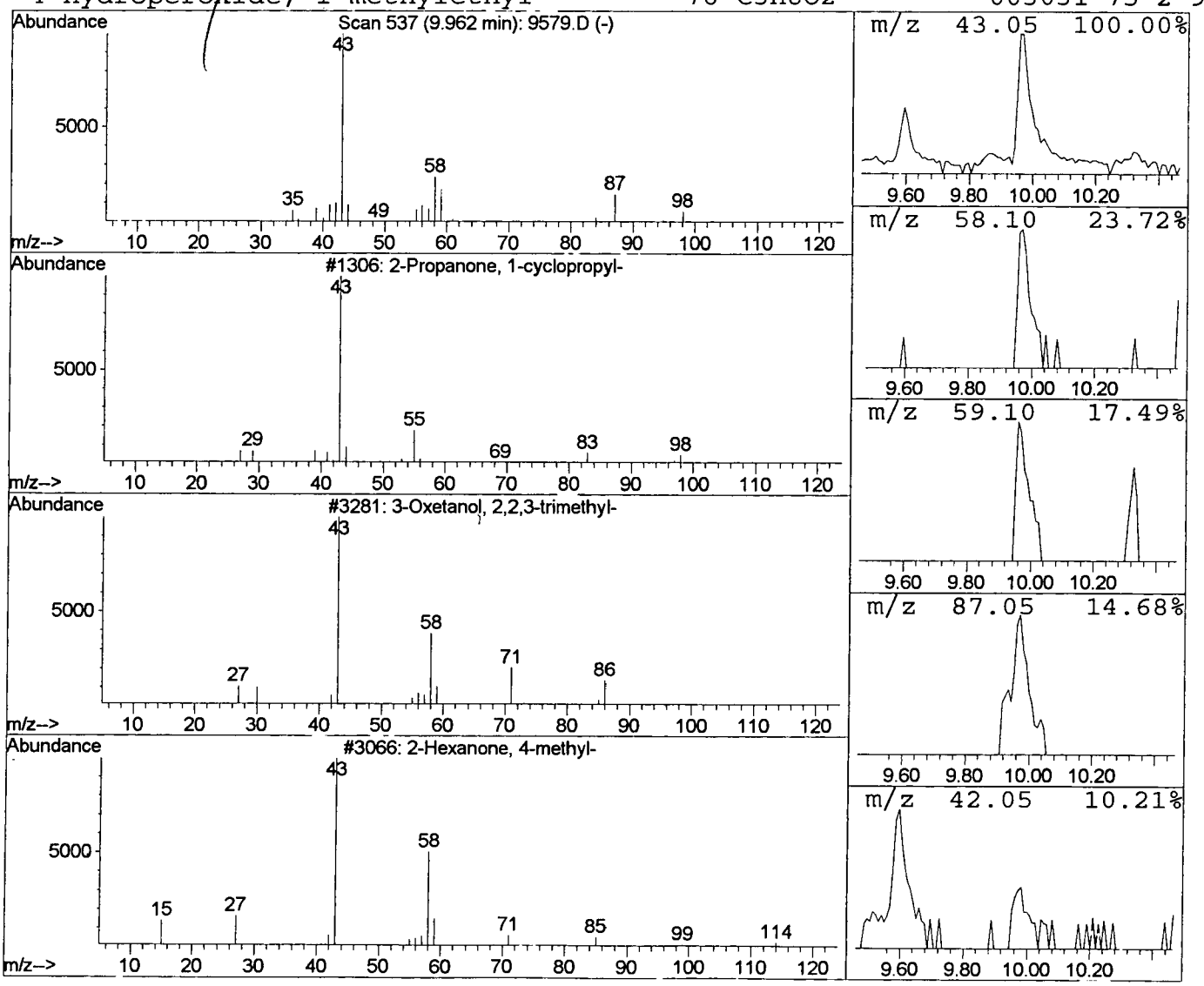
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanone, 1-cyclopropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	0.57 ug/l	34505	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
2	3-Oxetanol, 2,2,3-trimethyl-	116	C6H12O2	025910-96-7	9
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	9
4	Hydroperoxide, 1-methylethyl	76	C3H8O2	003031-75-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

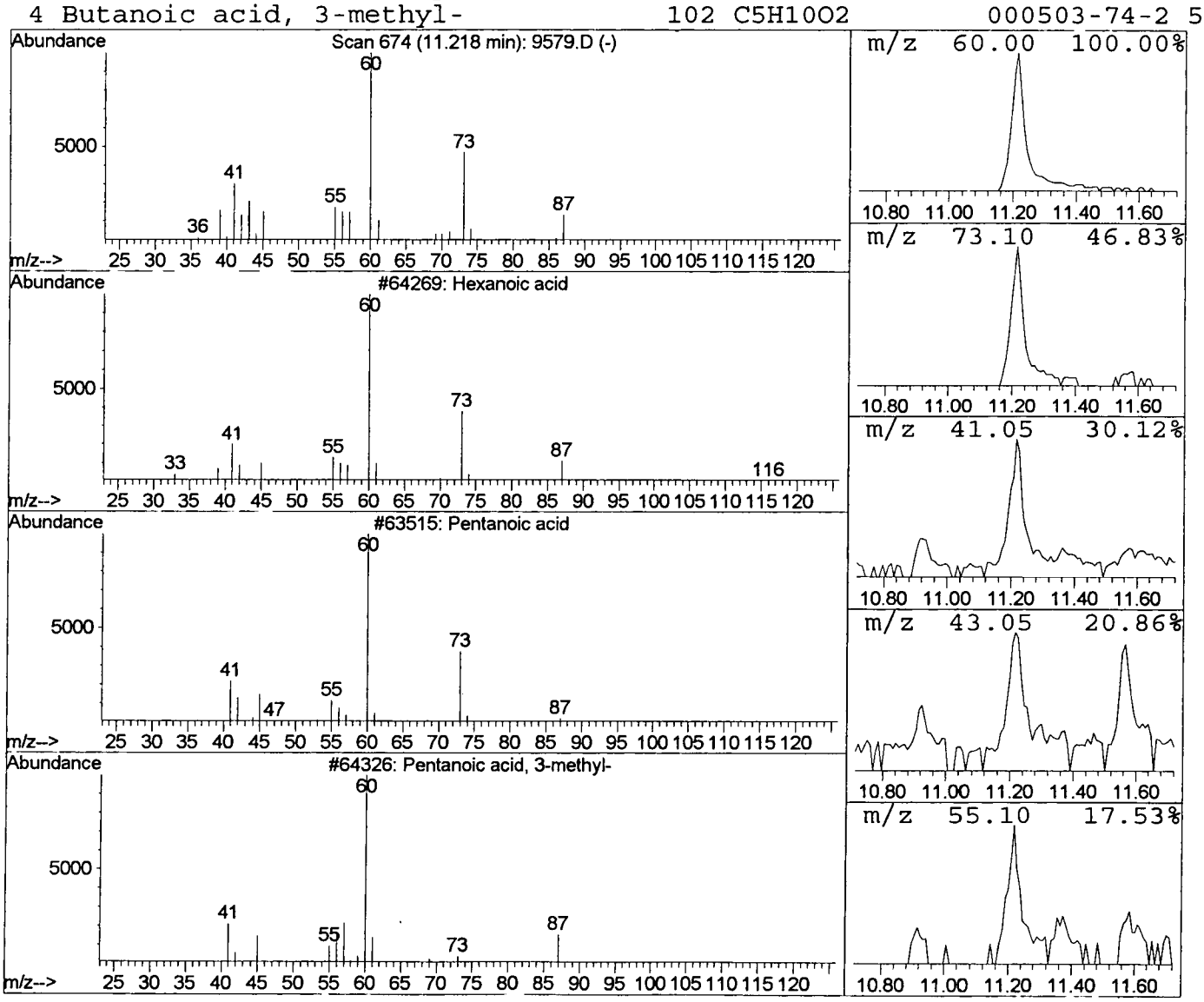
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	1.17 ug/l	71137	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	56
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50



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Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
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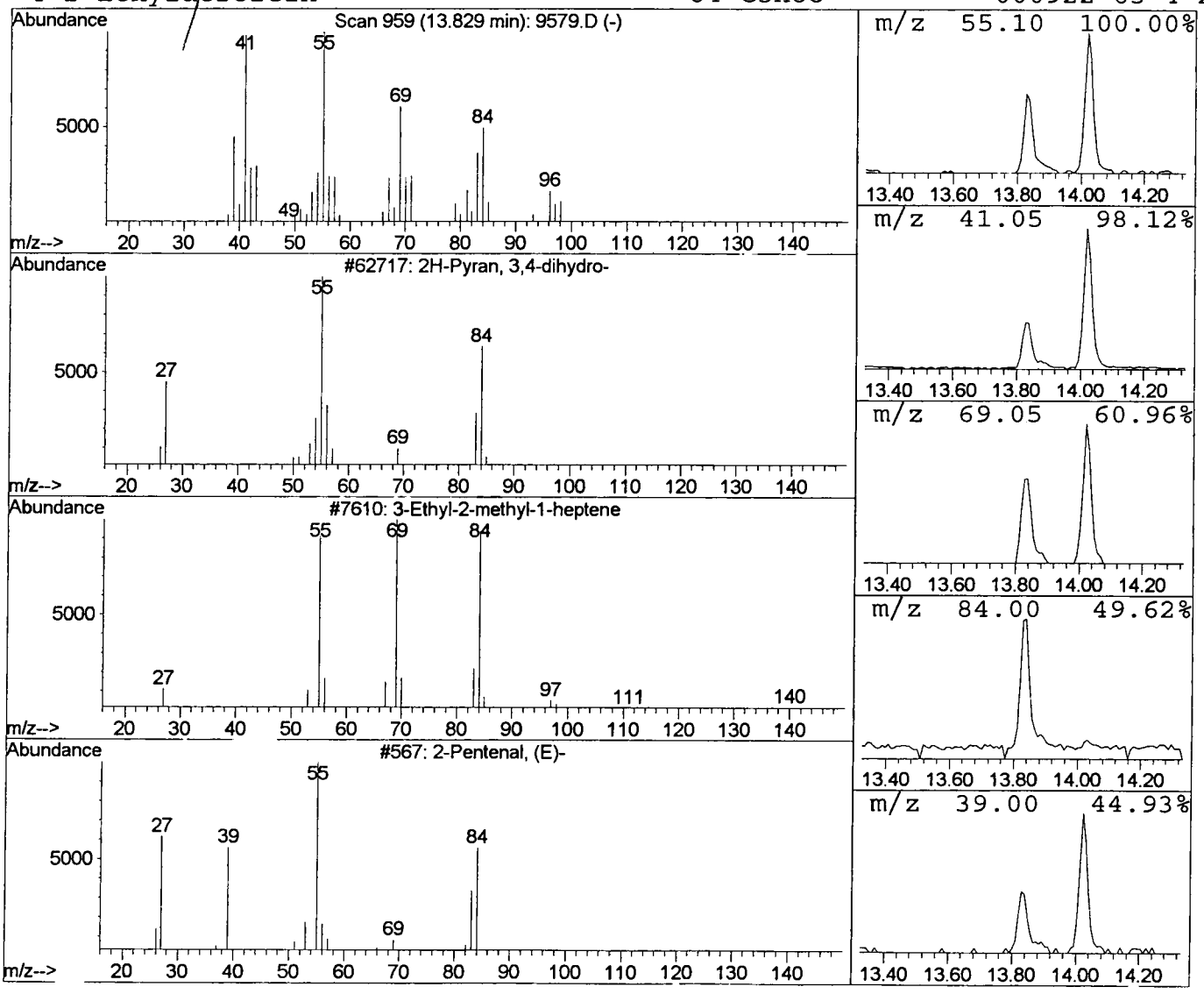
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2H-Pyran, 3,4-dihydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	1.25 ug/l	76012	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 3,4-dihydro-	84	C5H8O	000110-87-2	38
2	3-Ethyl-2-methyl-1-heptene	140	C10H20	019780-60-0	37
3	2-Pentenal, (E)-	84	C5H8O	001576-87-0	30
4	2-Ethylacrolein	84	C5H8O	000922-63-4	27



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Title : 209 625/TCLP calibration table
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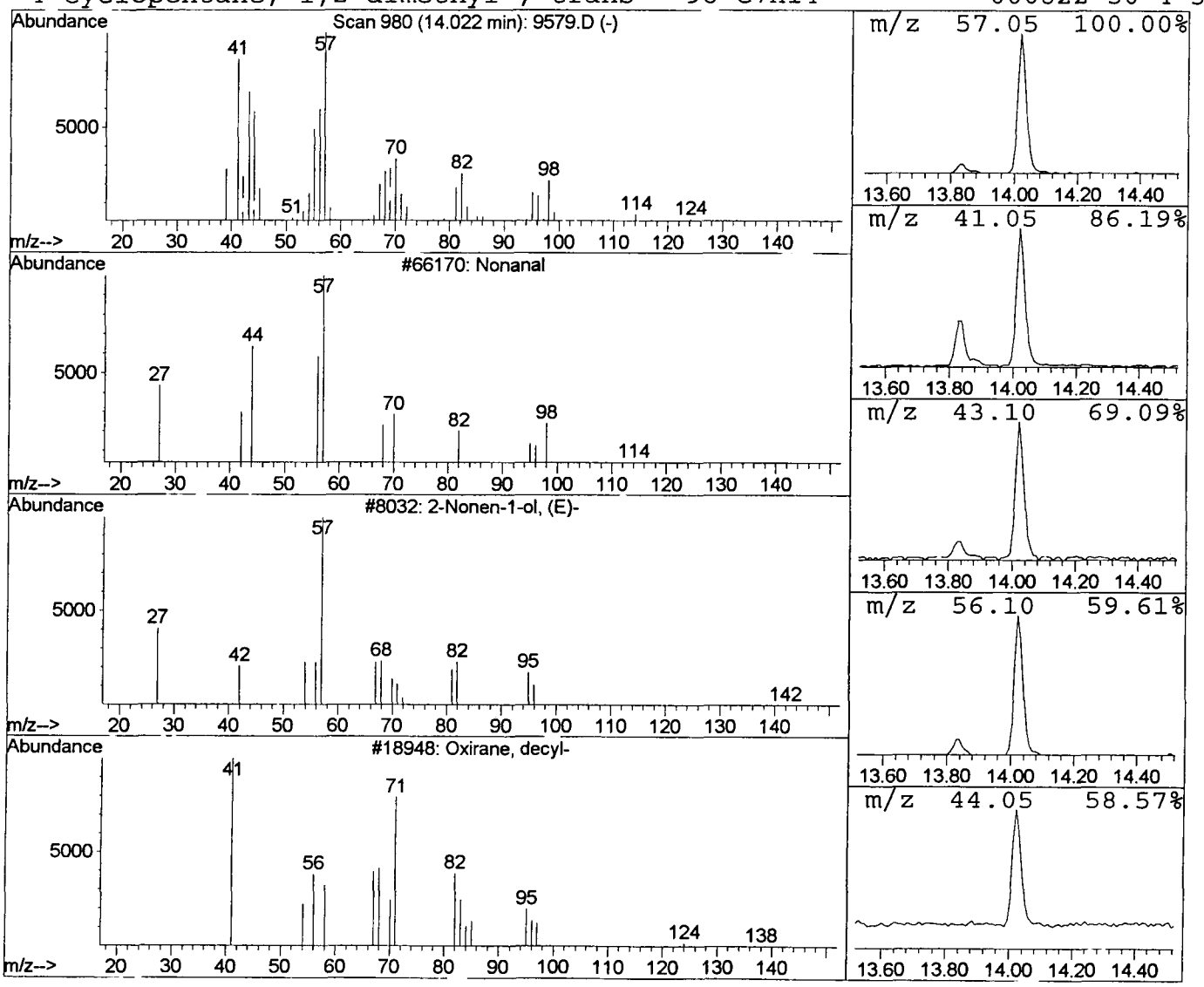
****

Peak Number 6 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	3.09 ug/l	239335	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	86
2	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	38
3	Oxirane, decyl-	184	C12H24O	002855-19-8	32
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	30



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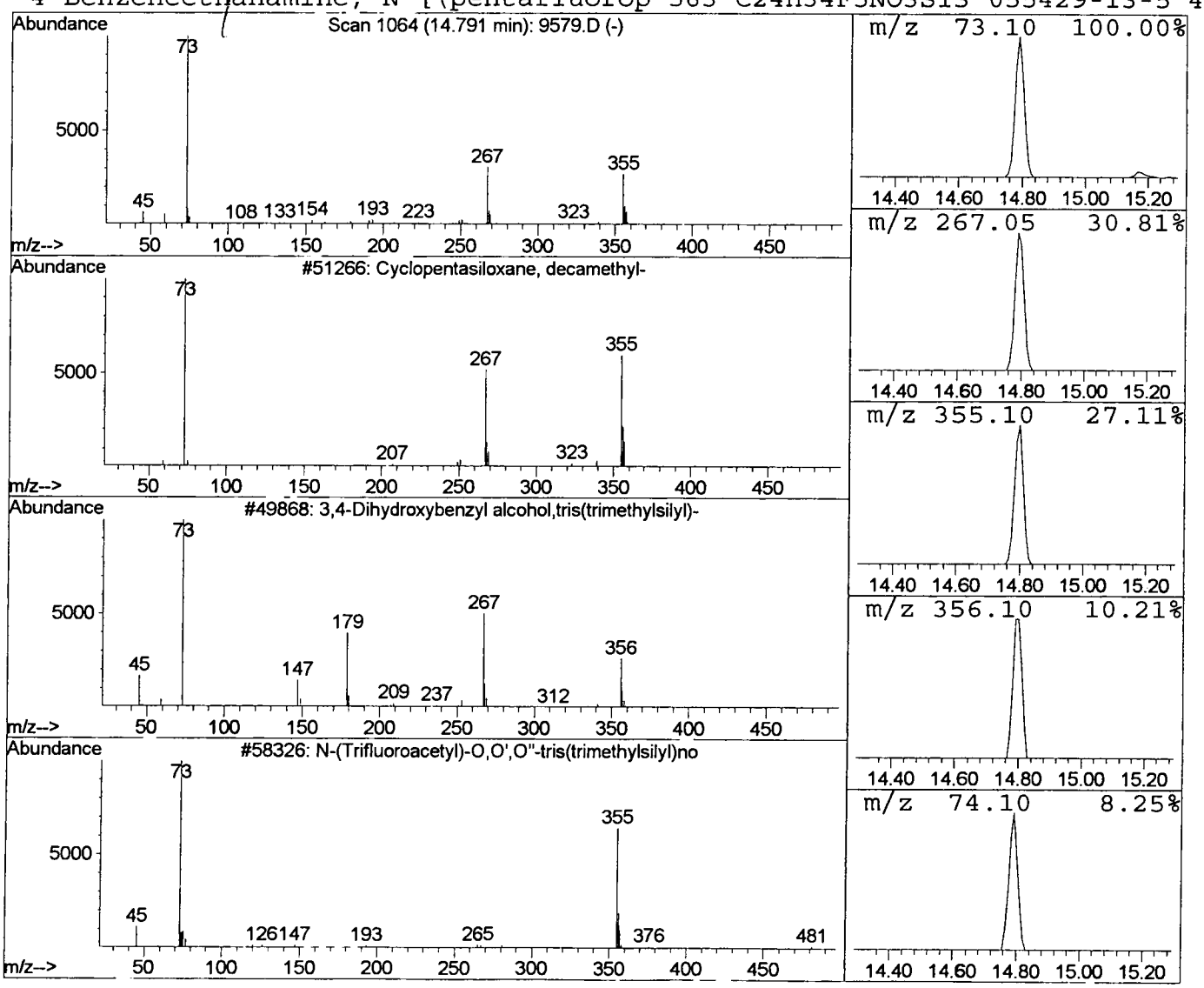
****

Peak Number 7 Cyclopentasiloxane, decamethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.74 ug/l	134660	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	49
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	47
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	47



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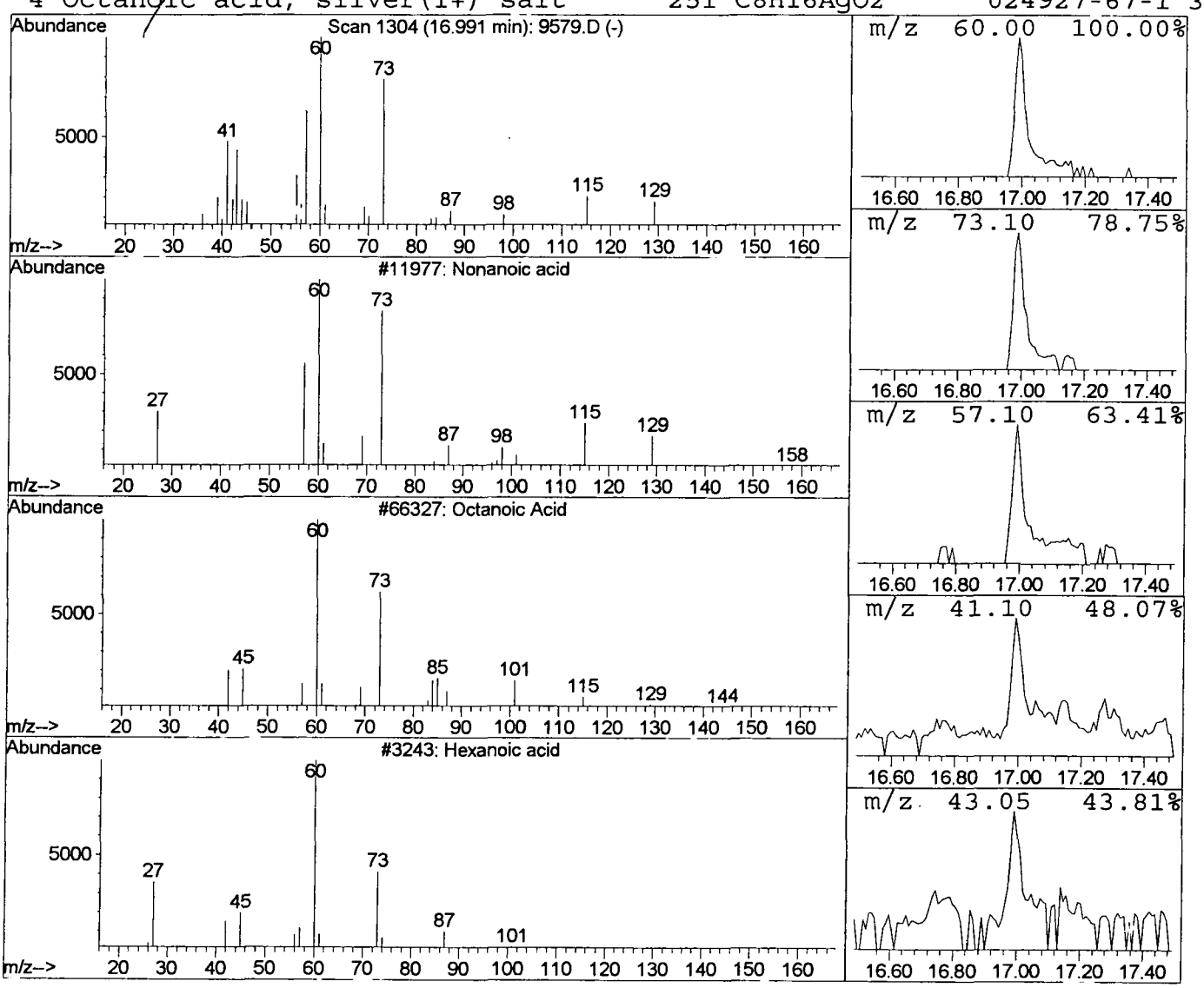
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Nonanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	0.50 ug/l	38405	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	59
2	Octanoic Acid	144	C8H16O2	000124-07-2	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	40
4	Octanoic acid, silver(1+) salt	251	C8H16AgO2	024927-67-1	37



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Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

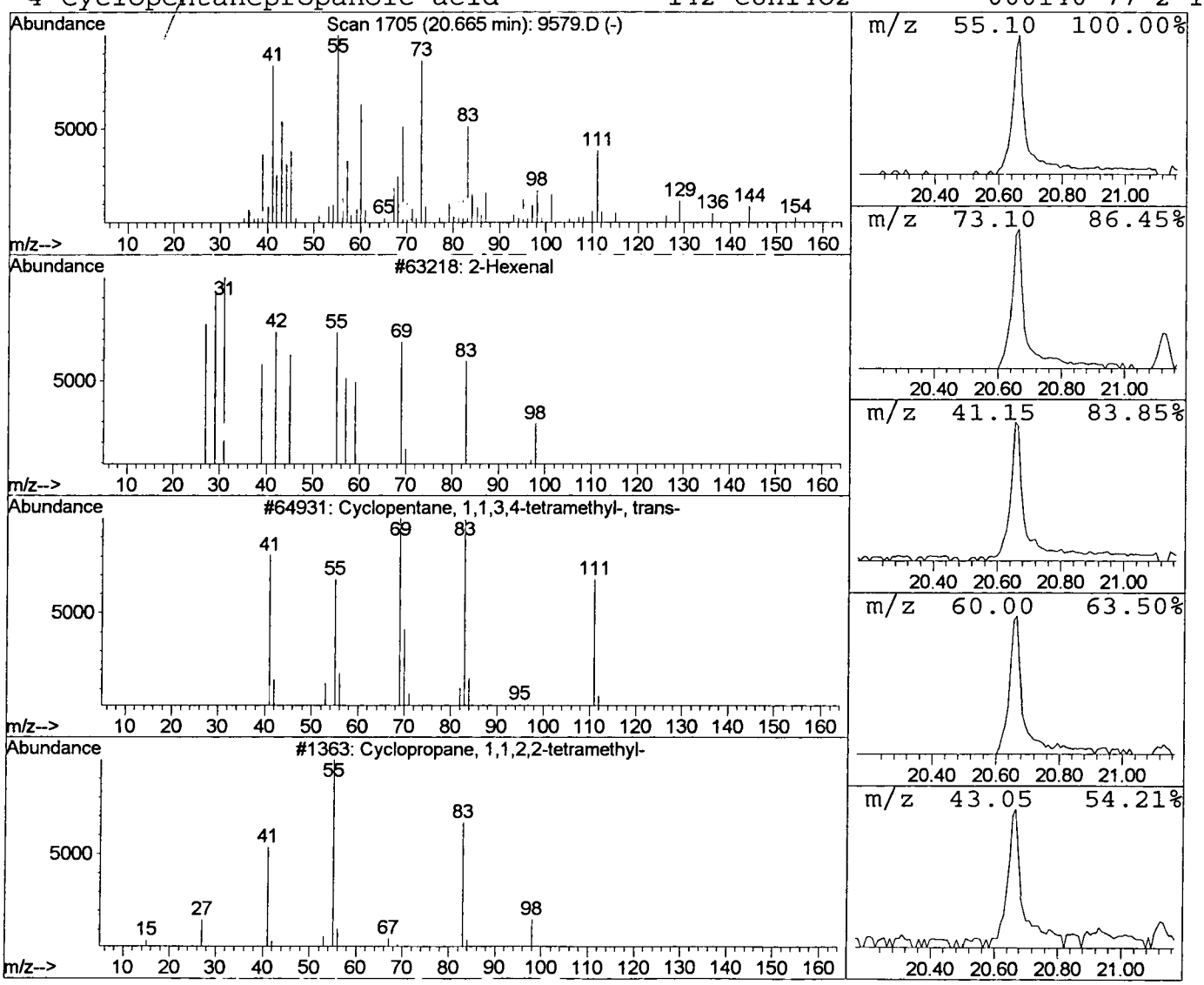
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 2-Hexenal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.38 ug/l	201649	Acenaphthene-d10	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexenal	98	C6H10O	000505-57-7	30
2	Cyclopentane, 1,1,3,4-tetramethyl-,	126	C9H18	020309-77-7	22
3	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	10
4	Cyclopentanepropanoic acid	142	C8H14O2	000140-77-2	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

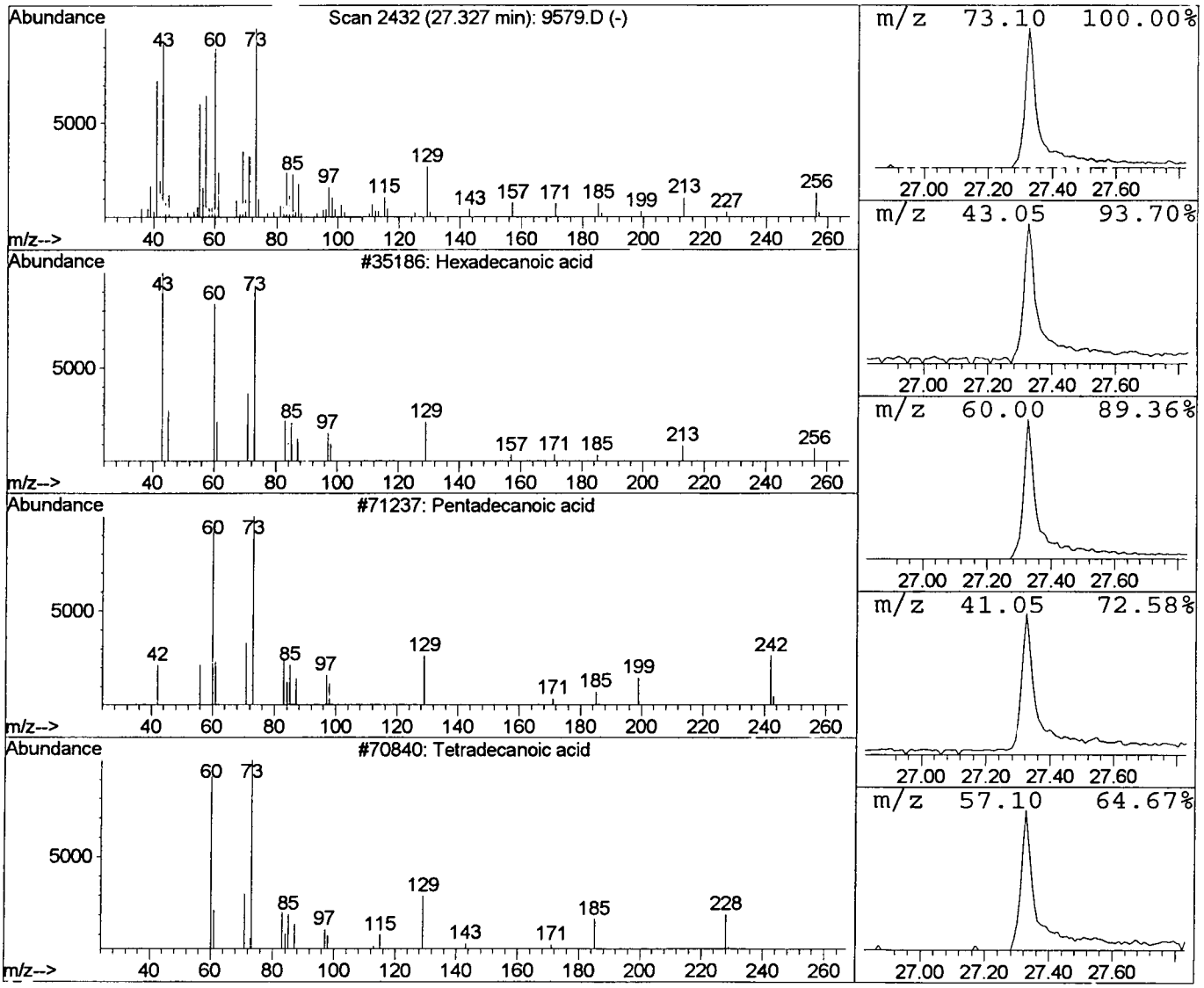
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.33	2.57 ug/l	201358	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\9579.D Vial: 9
Acq On : 3 May 2002 9:52 pm Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

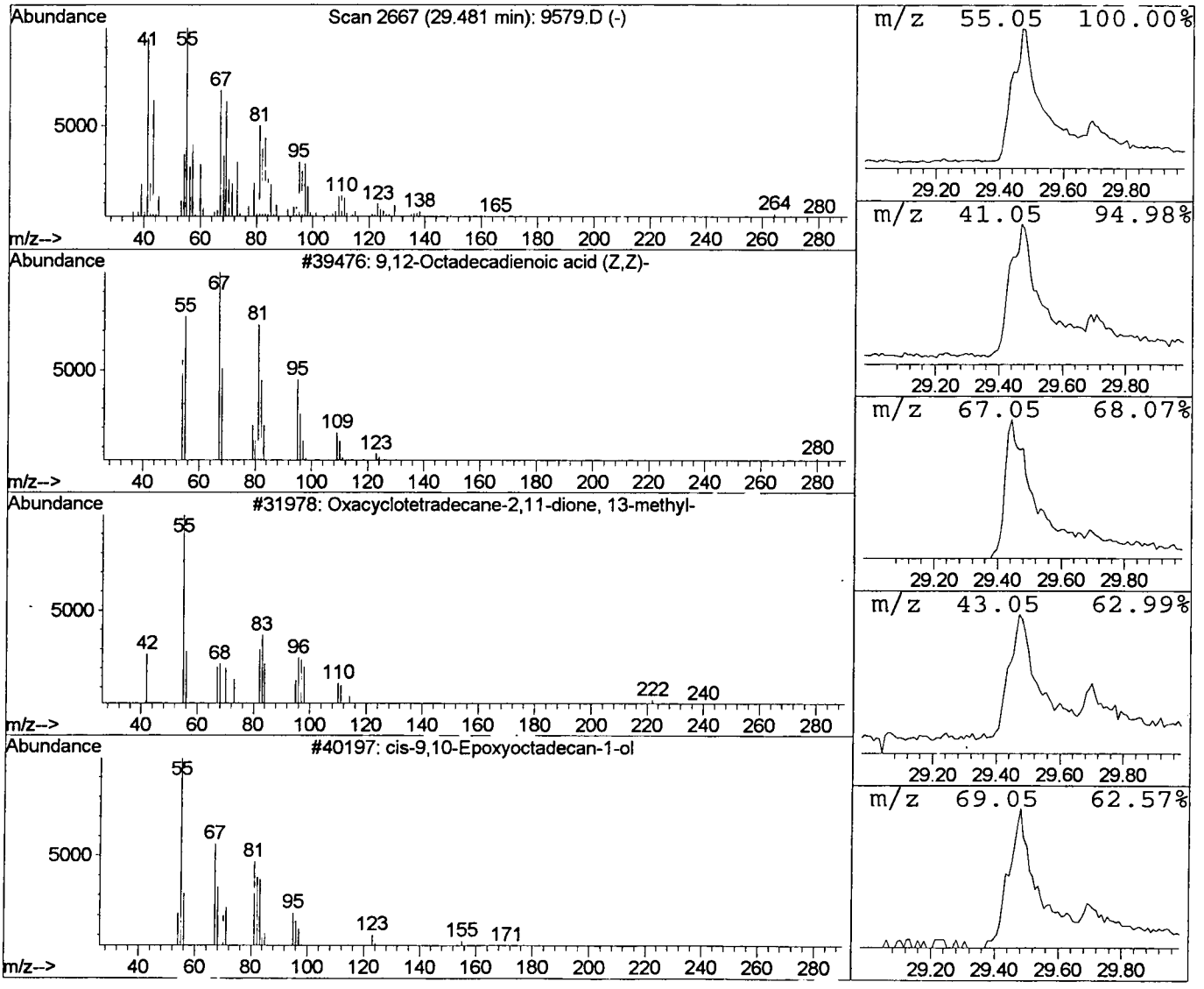
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 9,12-Octadecadienoic acid (Z,Z Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.48	4.85 ug/l	379849	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	Oxacyclotetradecane-2,11-dione, 13-	240	C14H24O3	074685-36-2	52
3	cis-9,10-Epoxyoctadecan-1-ol	284	C18H36O2	013980-12-6	49
4	Oleic Acid	282	C18H34O2	000112-80-1	49



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 9:52 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\9579.D
Name: GC/MS SCAN 4/24
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
Hexanal	7.13	3.3	ug/l	198881	ISTD01	12.19	2439260	40.0
2-Pentanone, 4-hydro	8.16	11.6	ug/l	707505	ISTD01	12.19	2439260	40.0
2-Propanone, 1-cyclo	9.96	0.6	ug/l	34505	ISTD01	12.19	2439260	40.0
Hexanoic acid	11.22	1.2	ug/l	71137	ISTD01	12.19	2439260	40.0
2H-Pyran, 3,4-dihydr	13.83	1.2	ug/l	76012	ISTD01	12.19	2439260	40.0
Nonanal	14.02	3.1	ug/l	239335	ISTD02	15.83	3094710	40.0
Cyclopentasiloxane,	14.79	1.7	ug/l	134660	ISTD02	15.83	3094710	40.0
Nonanoic acid	16.99	0.5	ug/l	38405	ISTD02	15.83	3094710	40.0
2-Hexenal	20.67	2.4	ug/l	201649	ISTD03	21.13	3388450	40.0
Hexadecanoic acid	27.33	2.6	ug/l	201358	ISTD04	25.58	3135200	40.0
9,12-Octadecadienoic	29.48	4.8	ug/l	379849	ISTD04	25.58	3135200	40.0

9579.D GCMS0501.M Mon May 06 10:49:58 2002