Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:44 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

to be re-run

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	534552	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1947837	20.00	ug/l	0.00
17) Acenaphthene-d10	21.17	164	1135500	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1617286	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	1048116	20.00	ug/l	0.00
45) Perylene-d12	37.90	264	714235	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.31	209	43585	7.66	ug/L	-0.02
Spiked Amount 10.000			Recovery = 76.60%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	14.53	82	113	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	15.91	128	2706	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	21.51	165	275	N.D.		
25) Diethylphthalate	22.65	149	369	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.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

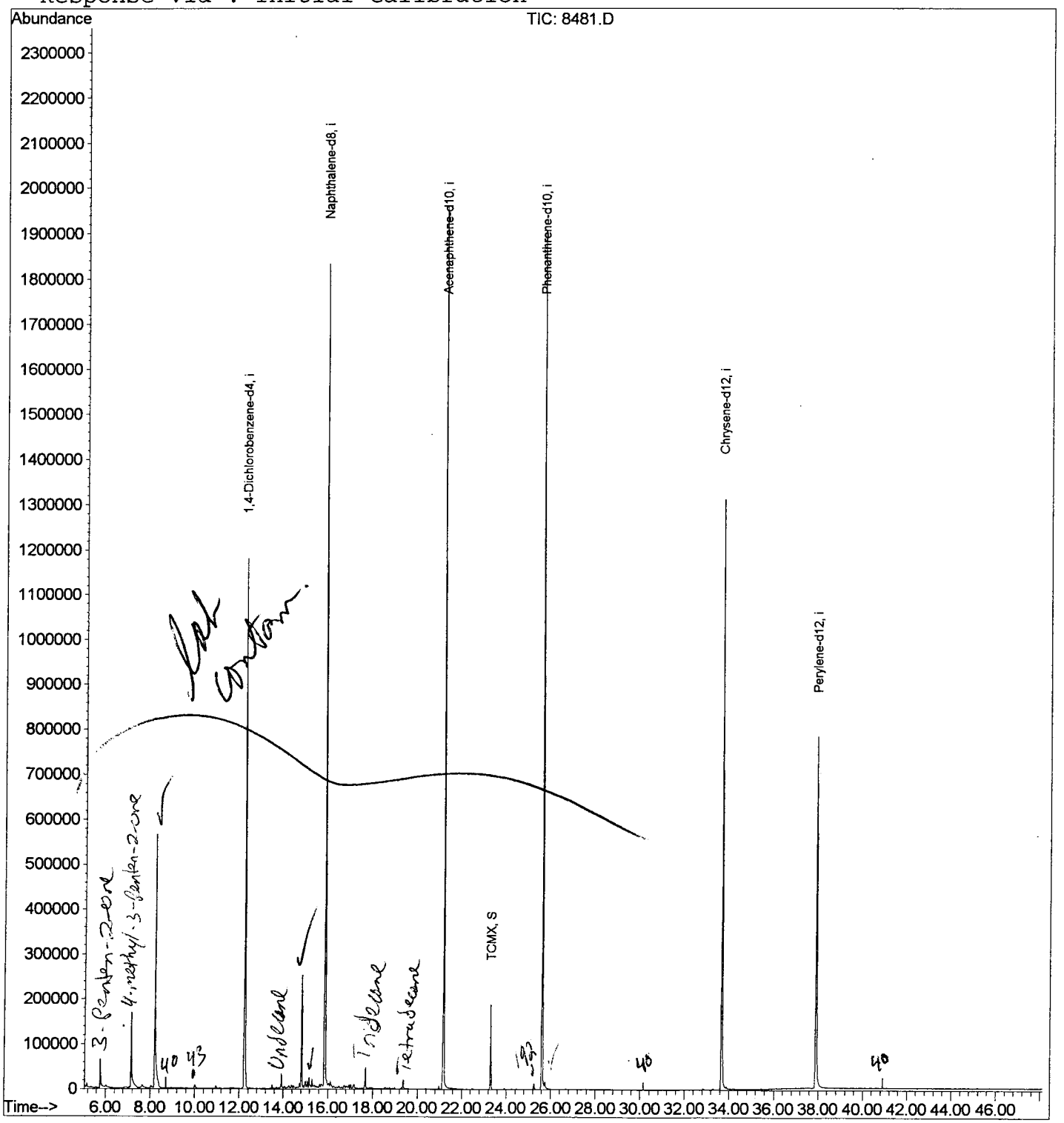
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.		
34)	Phenanthrene	25.62	178	486	N.D.		
35)	Anthracene	25.62	178	486	N.D.		
36)	Di-n-butylphthalate	27.58	149	2895	N.D.		
37)	Fluoranthene	0.00	202	0	N.D.		
40)	Pyrene	0.00	202	0	N.D.		
41)	Butylbenzylphthalate	0.00	149	0	N.D.		
42)	Benzo(a)anthracene	33.67	228	2293	N.D.		
43)	Bis(2-ethylhexyl)phthalate	33.88	149	3537	N.D.		
44)	Chrysene	33.67	228	2293	N.D.		
46)	Di-n-Octylphthalate	0.00	149	0	N.D.		
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.		
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.		
49)	Benzo(a)pyrene	37.91	252	2845	N.D.		
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.		
52)	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\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:44 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

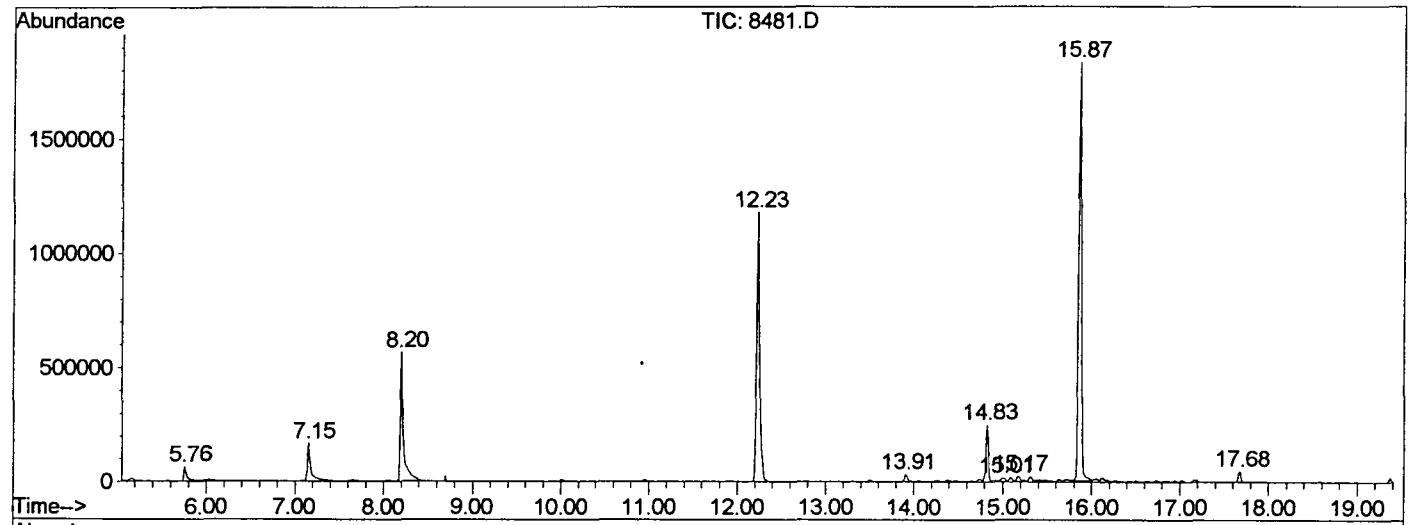
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.759	75	78	85	rBV	63417	128312	3.00%	0.540%
2	7.155	226	230	248	rBV	166559	416617	9.74%	1.754%
3	8.201	340	344	374	rVB	565547	1386194	32.40%	5.835%
4	12.231	777	783	800	rVB	1179741	2861464	66.88%	12.046%
5	13.911	960	966	971	rBV	32451	66059	1.54%	0.278%
6	14.829	1060	1066	1071	rVV	248993	491423	11.49%	2.069%
7	15.013	1079	1086	1090	rBV5	14635	49180	1.15%	0.207%
8	15.169	1099	1103	1114	rVB2	22541	59279	1.39%	0.250%
9	15.867	1172	1179	1195	rVV	1828158	3921036	91.65%	16.506%
10	17.675	1371	1376	1382	rVB	45293	84546	1.98%	0.356%
11	21.173	1750	1757	1773	rBV	1961441	4278411	100.00%	18.011%
12	23.303	1983	1989	1996	rBV	187354	386506	9.03%	1.627%
13	25.607	2233	2240	2252	rBV2	1905018	4073061	95.20%	17.146%
14	25.754	2252	2256	2268	rVB	14807	47239	1.10%	0.199%
15	33.667	3111	3118	3136	rBV2	1313629	3045765	71.19%	12.822%
16	37.909	3570	3580	3603	rBV2	780524	2459909	57.50%	10.355%

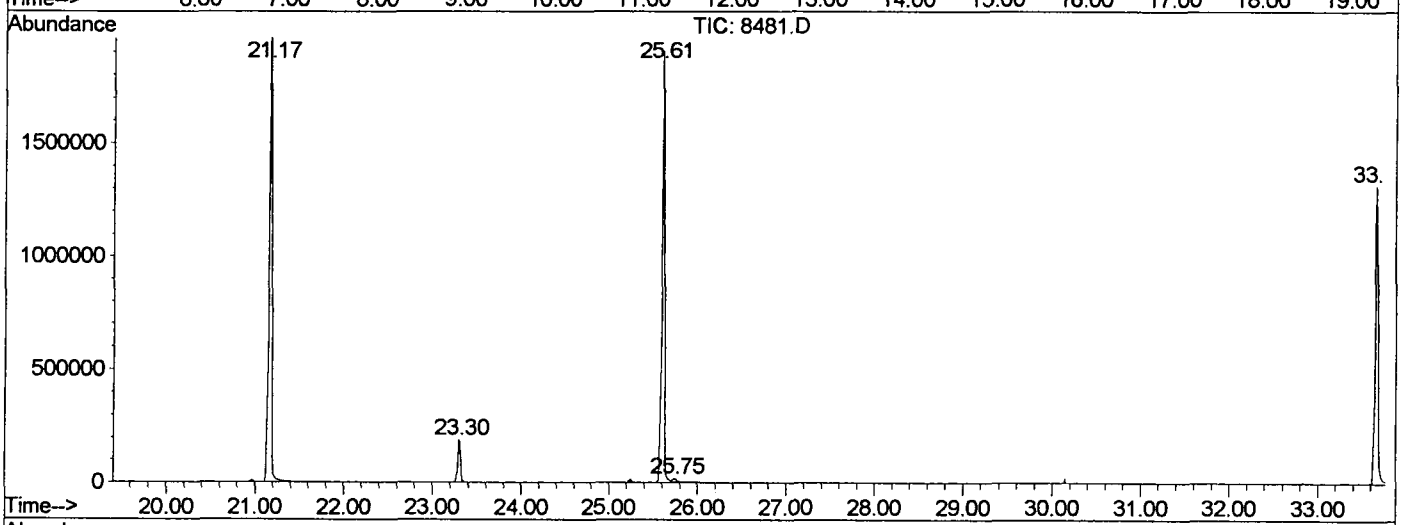
Sum of corrected areas: 23755001

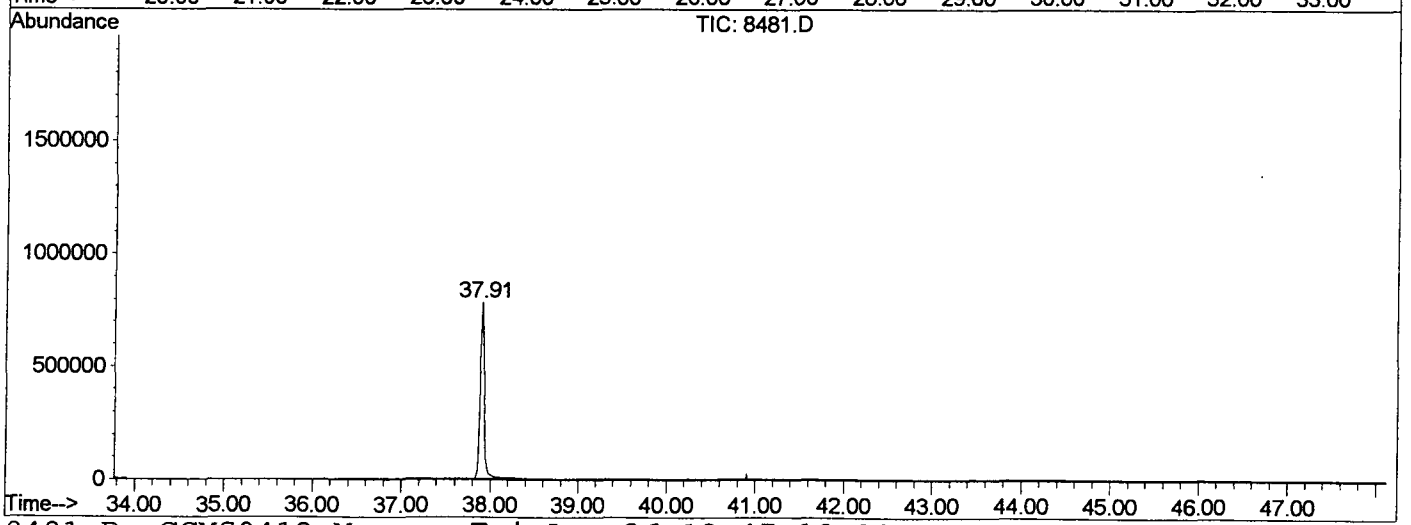
8481.D GCMS0412.M Fri Apr 26 12:47:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8481.D
Operator :
Acquired : 16 Apr 2002 9:08 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/10
Misc Info :
Vial Number: 26
Quant File :GCMS0412.RES (RTE Integrator)







8481.D GCMS0412.M Fri Apr 26 12:47:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

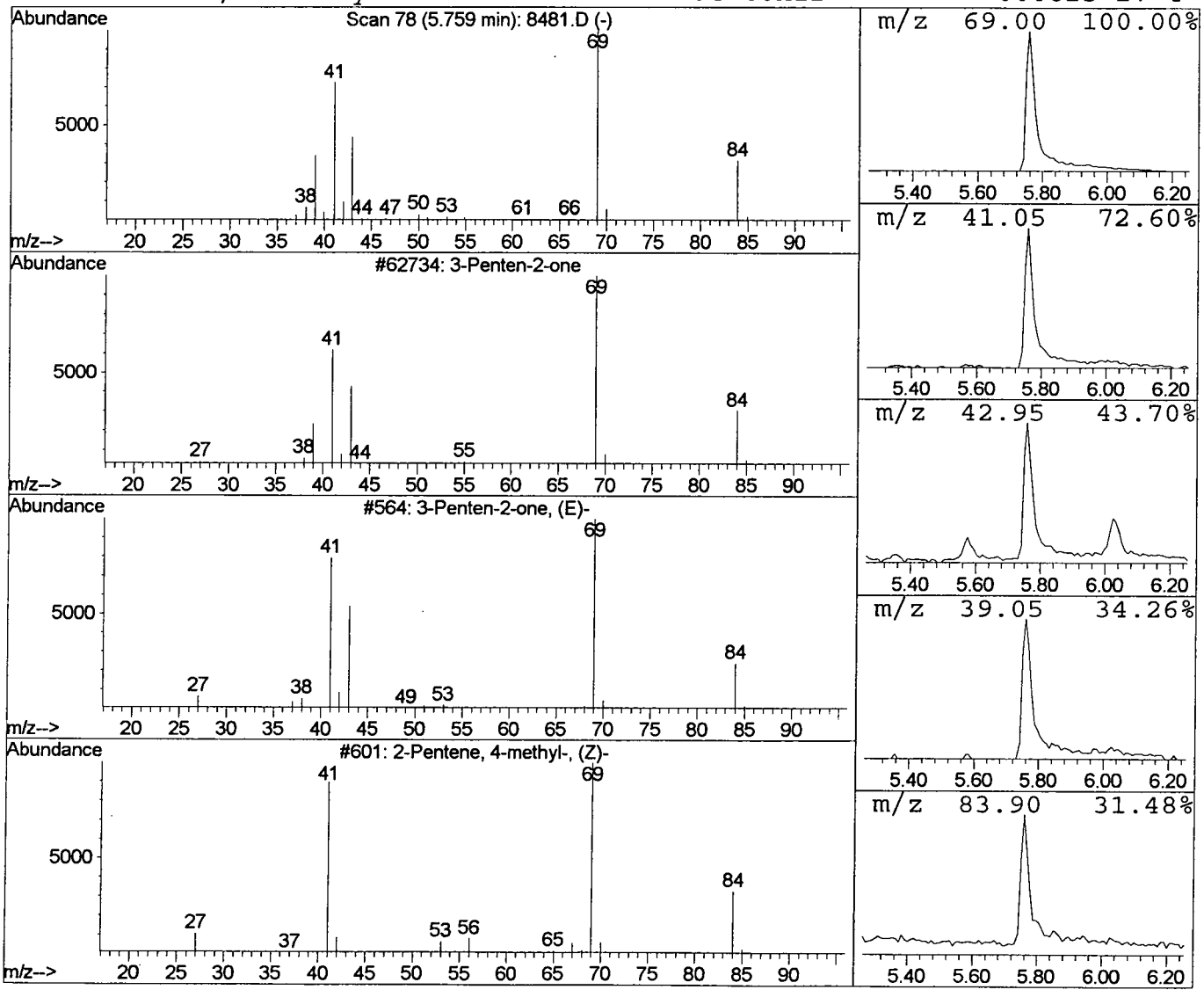
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Penten-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	0.90 ug/l	128312	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one	84	C5H8O	000625-33-2	86
2	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	83
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	72
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

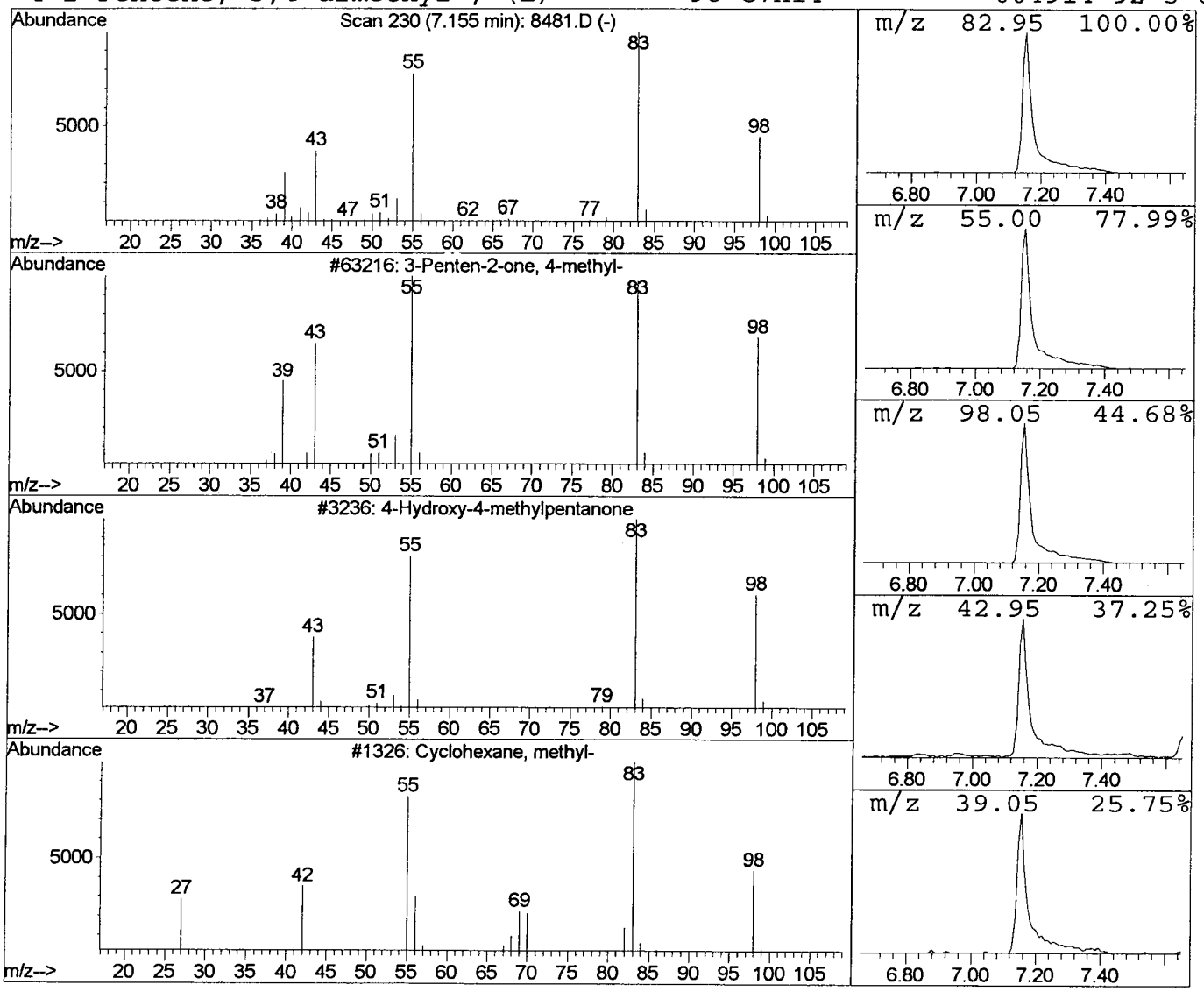
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.91 ug/l	416617	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	4-Hydroxy-4-methylpentanone	116	C6H12O2	000000-00-0	74
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
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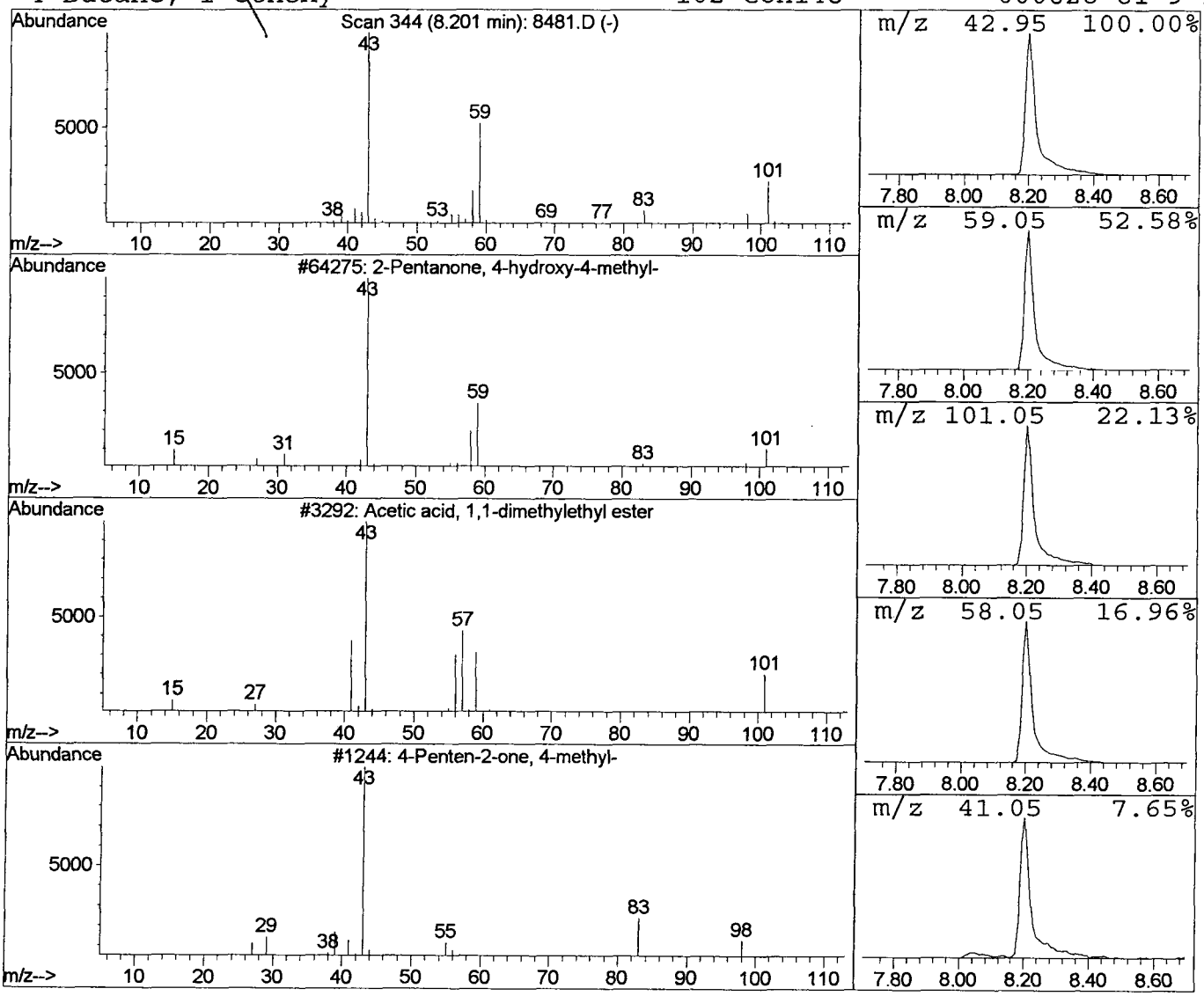
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	9.69 ug/l	1386190	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

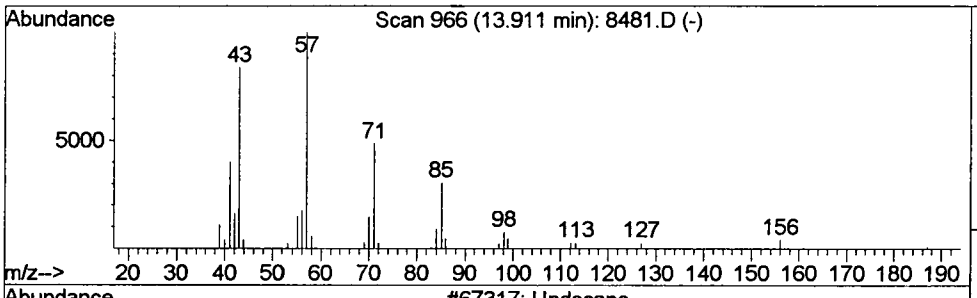
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

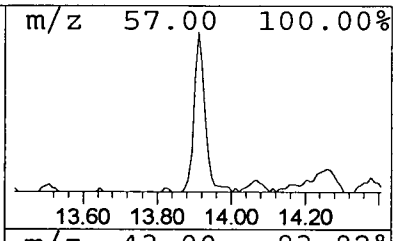
****

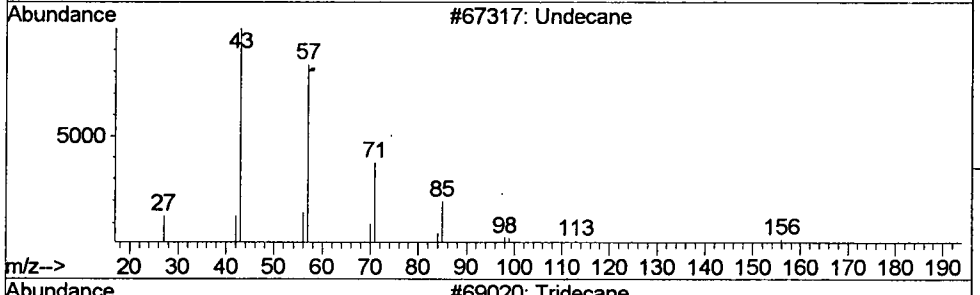
Peak Number 4 Undecane Concentration Rank 5

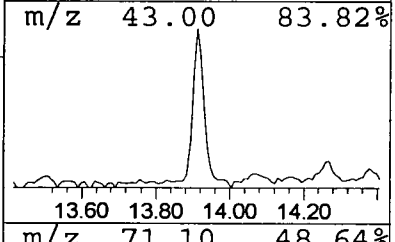
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	0.46 ug/l	66059	1,4-Dichlorobenzene-d4	12.23

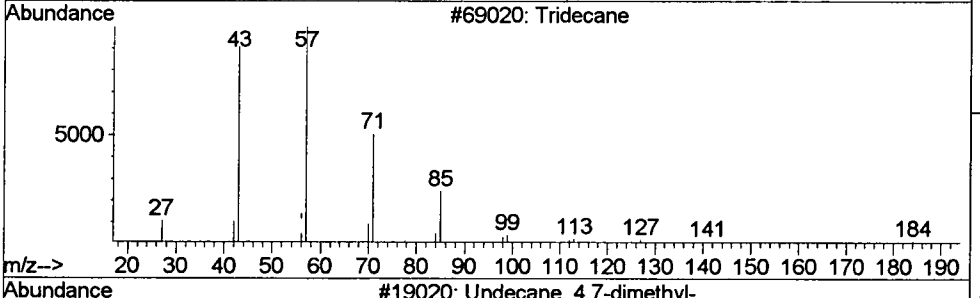
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	78
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
4	Hexadecane	226	C16H34	000544-76-3	72

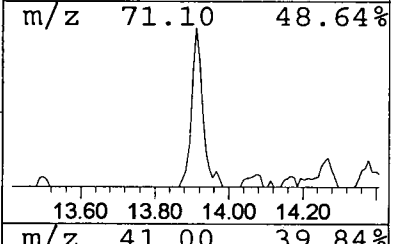


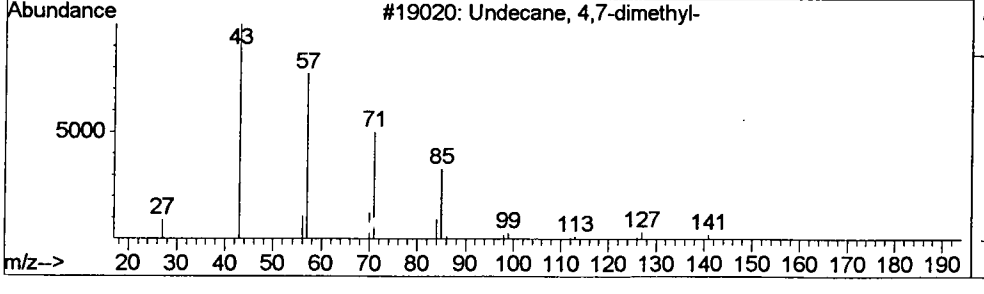


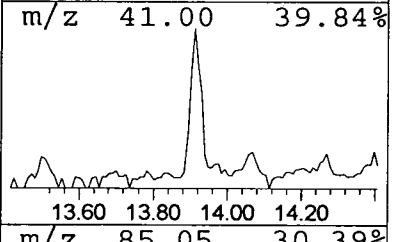


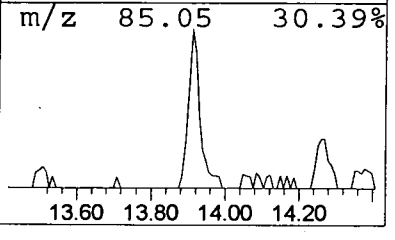












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

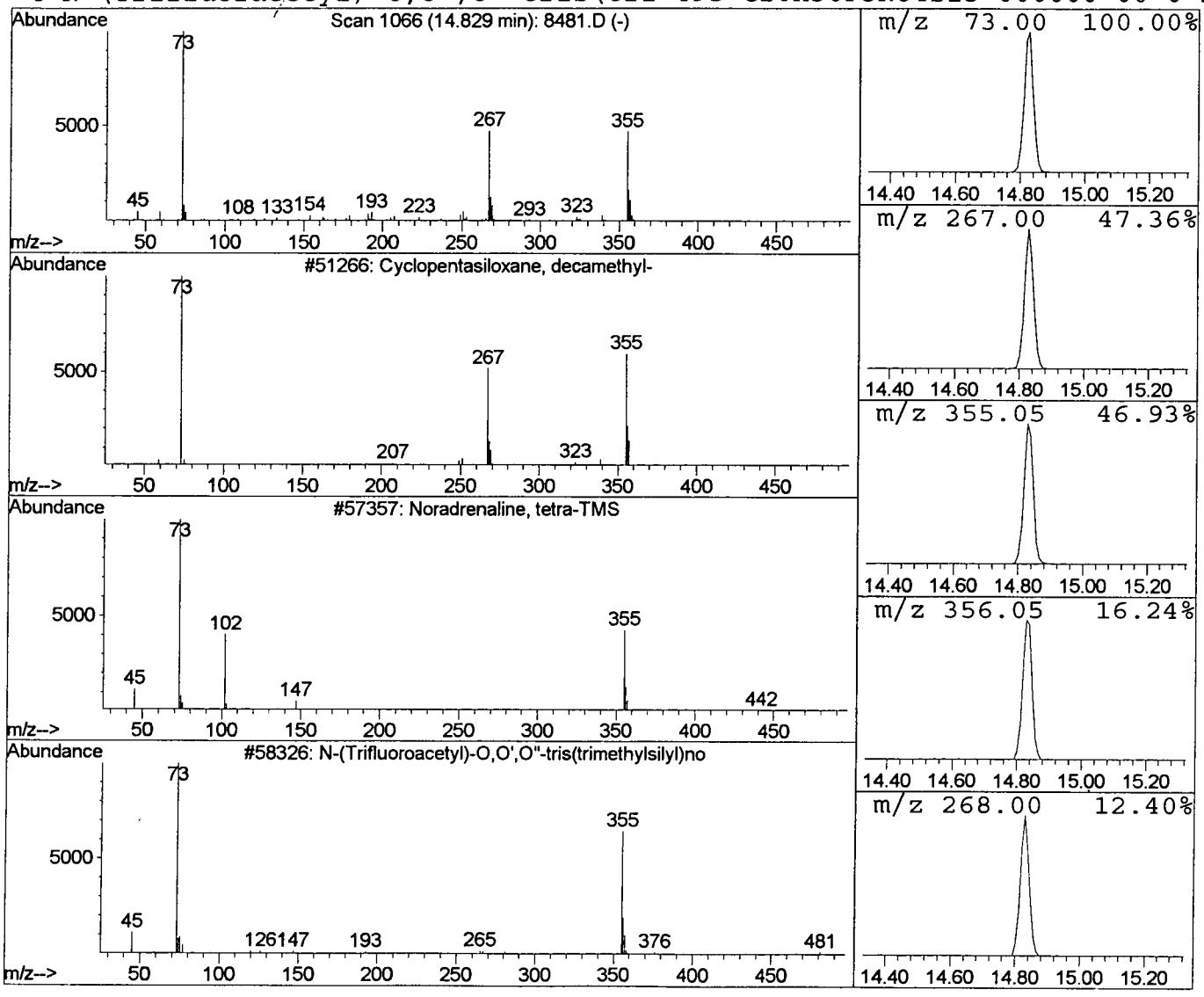
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.51 ug/l	491423	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	32
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	28



Library Search Compound Report

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Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

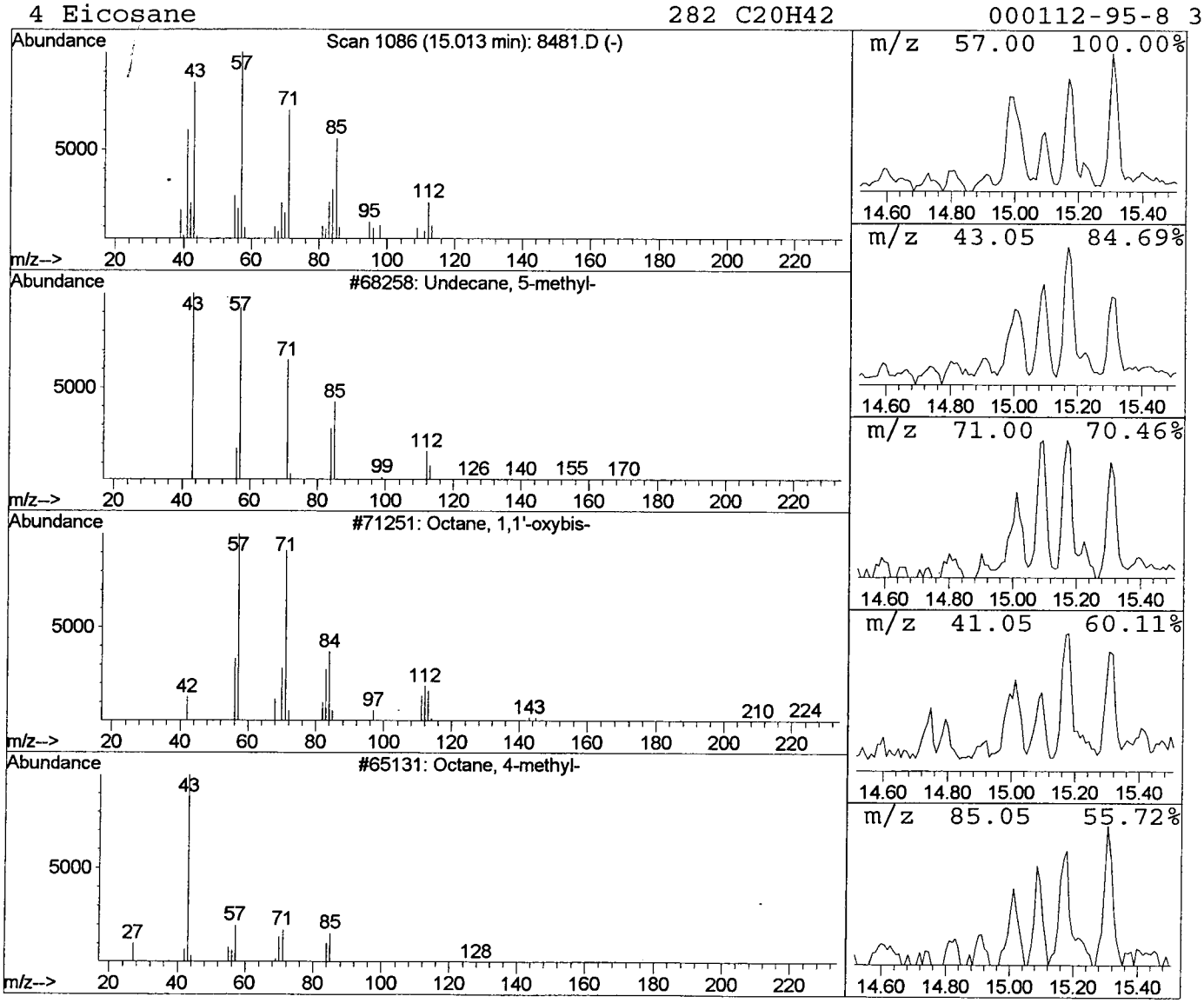
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Undecane, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	0.25 ug/l	49180	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38
3	Octane, 4-methyl-	128	C9H20	002216-34-4	37
4	Eicosane	282	C20H42	000112-95-8	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

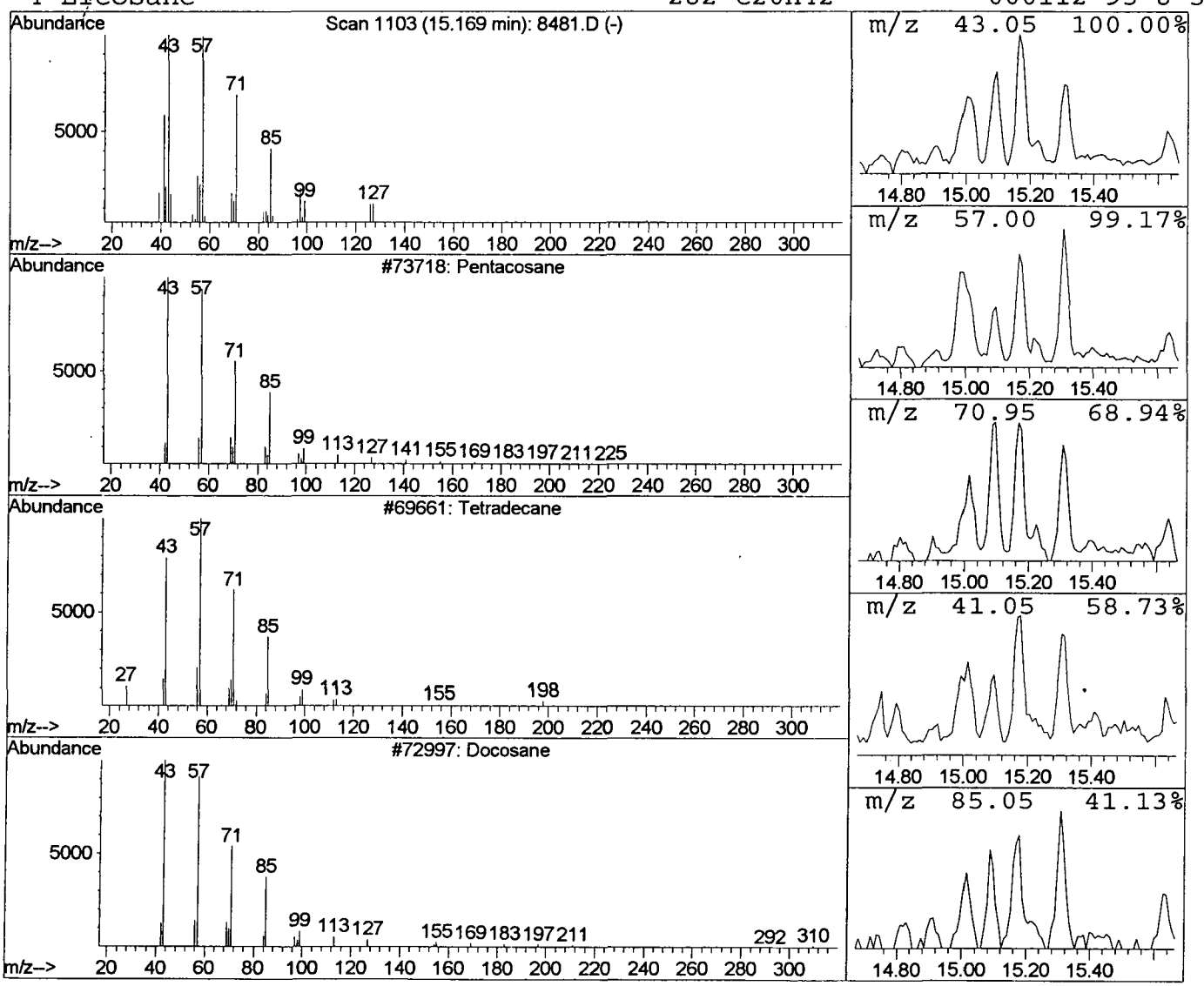
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Pentacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	0.30 ug/l	59279	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	59
2	Tetradecane	198	C14H30	000629-59-4	59
3	Docosane	310	C22H46	000629-97-0	59
4	Eicosane	282	C20H42	000112-95-8	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

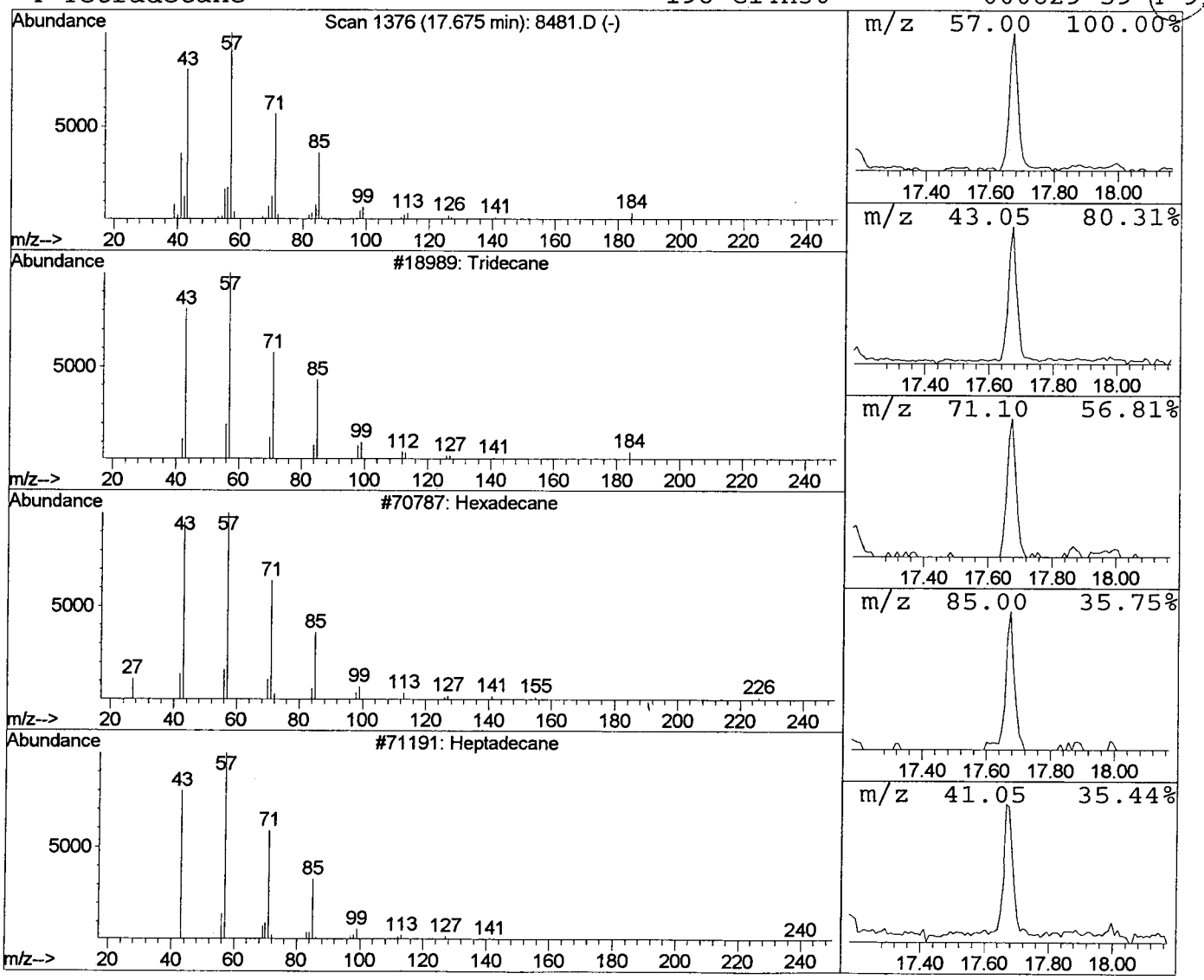
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	0.43 ug/l	84546	Naphthalene-d8	15.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetradecane	198	C14H30	000629-59-4	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8481.D Vial: 26
Acq On : 16 Apr 2002 9:08 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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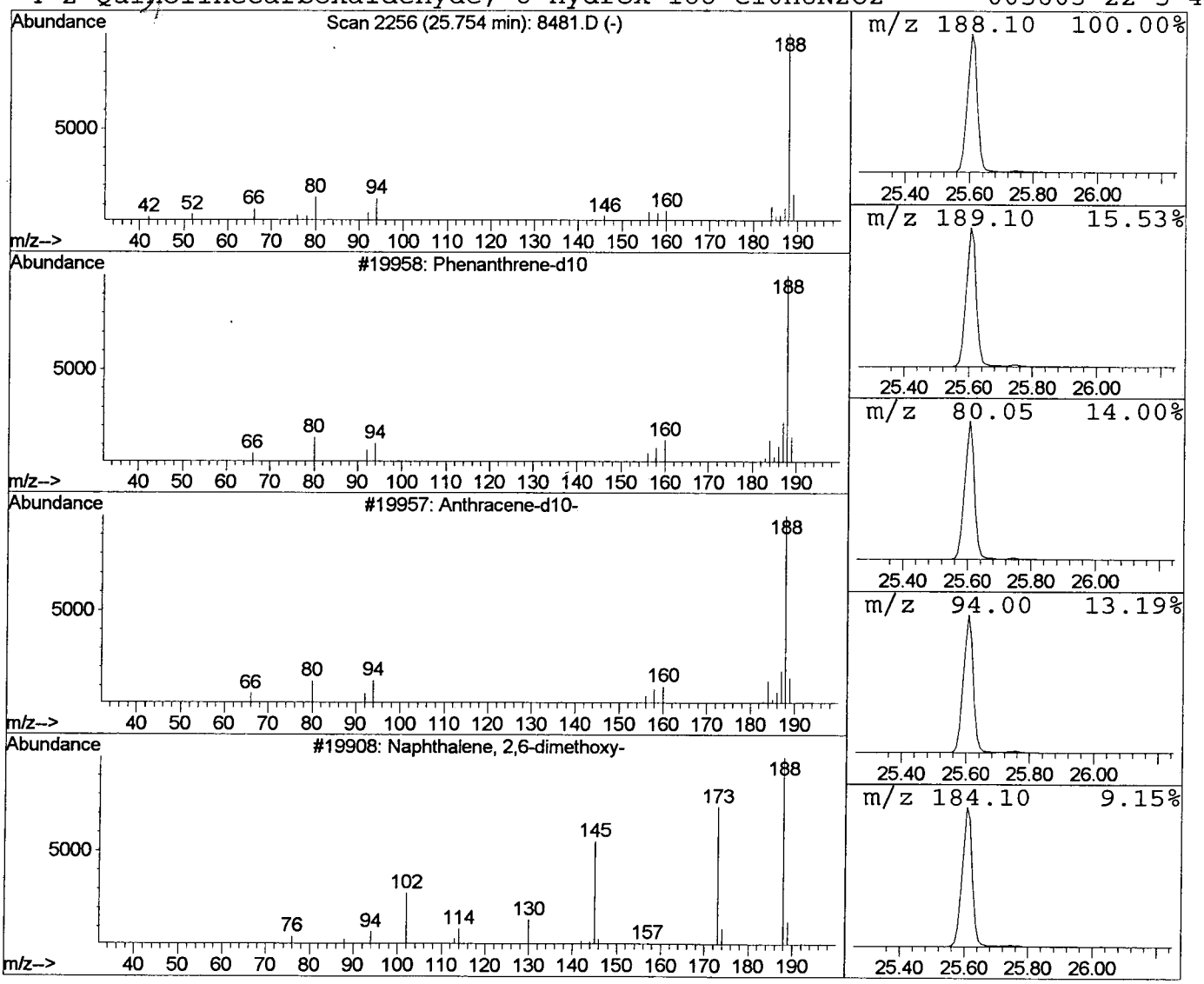
Peak Number 9 Phenanthrene-d10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.23 ug/l	47239	Phenanthrene-d10	25.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	74
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	50
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 9:08 am
Data File: C:\HPCHEM\1\DATA\APR1202\8481.D
Name: gc/ms scan 4/10
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
3-Penten-2-one	5.76	0.9	ug/l	128312	ISTD01	12.23	2861460	20.0
3-Penten-2-one, 4-me	7.15	2.9	ug/l	416617	ISTD01	12.23	2861460	20.0
2-Pentanone, 4-hydro	8.20	9.7	ug/l	1386190	ISTD01	12.23	2861460	20.0
Undecane	13.91	0.5	ug/l	66059	ISTD01	12.23	2861460	20.0
Cyclopentasiloxane,	14.83	2.5	ug/l	491423	ISTD02	15.87	3921040	20.0
Undecane, 5-methyl-	15.01	0.3	ug/l	49180	ISTD02	15.87	3921040	20.0
Pentacosane	15.17	0.3	ug/l	59279	ISTD02	15.87	3921040	20.0
Tridecane	17.68	0.4	ug/l	84546	ISTD02	15.87	3921040	20.0
Phenanthrene-d10	25.75	0.2	ug/l	47239	ISTD04	25.61	4073060	20.0

8481.D GCMS0412.M Fri Apr 26 12:47:28 2002