Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:23 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

To be reinjected

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	323803	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1244198	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	658158	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	928382	20.00	ug/l	-0.03
38) Chrysene-d12	33.81	240	668958	20.00	ug/l	-0.04
44) Perylene-d12	38.09	264	499676	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.82	235	57708	5.37	ug/mL	0.32
Spiked Amount 5.000			Recovery = 107.40%			
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.		
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	22.75	149	398	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\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:23 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

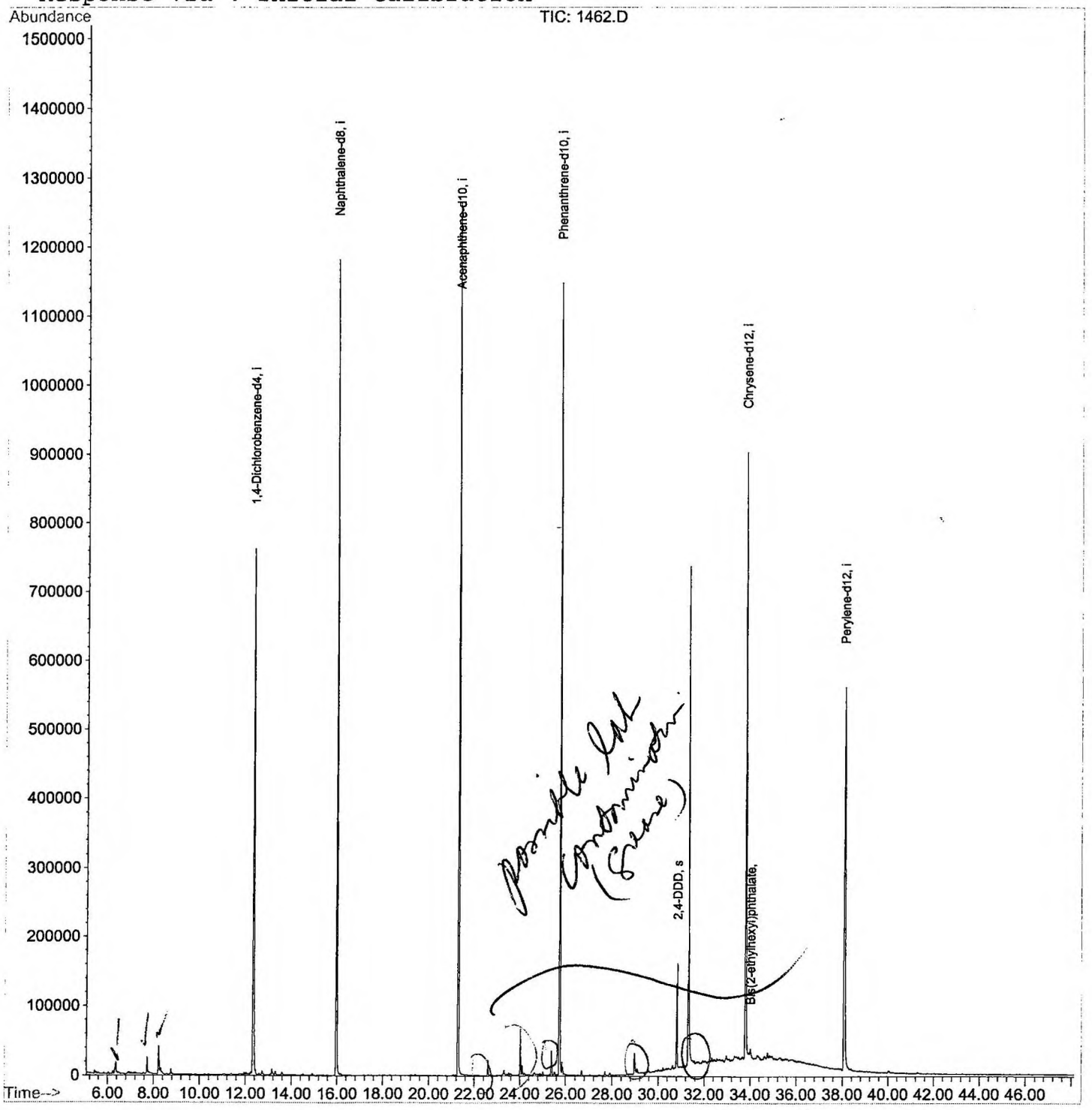
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.73	178	187	N.D.	
34)	Anthracene	25.73	178	187	N.D.	
35)	Di-n-butylphthalate	27.69	149	6314	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	30.11	202	209	N.D.	
40)	Butylbenzylphthalate	32.23	149	1177	N.D.	
41)	Benzo(a)anthracene	33.81	228	1667	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	10978	0.25 ug/l #	92
43)	Chrysene	33.81	228	1667	N.D.	
45)	Di-n-Octylphthalate	35.75	149	2222	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	38.09	252	1827	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\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 22 9:23 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 08 08:54:27 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

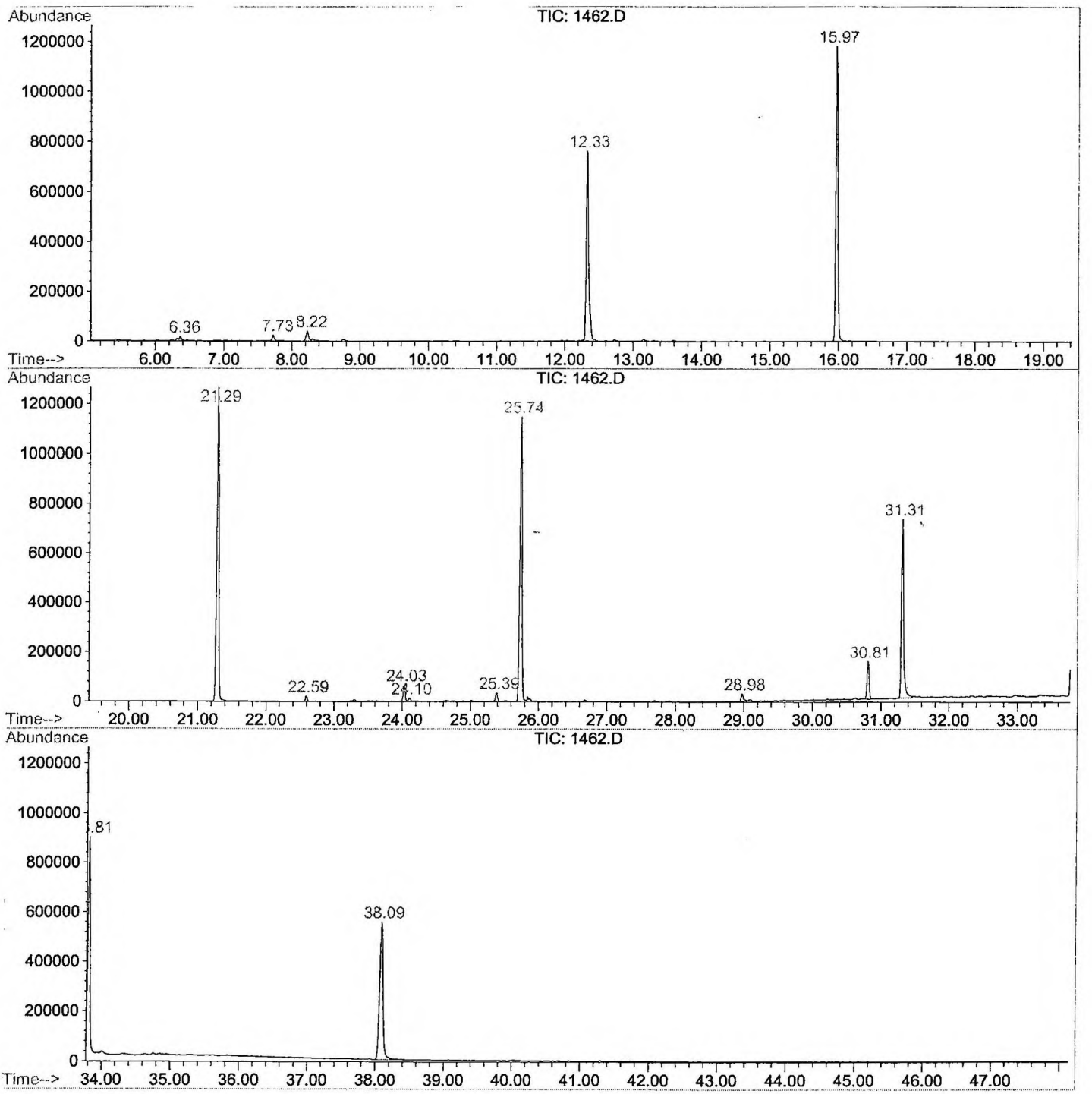
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.359	140	143	152	rVB	15942	34301	1.32%	0.219%
2	7.727	287	292	298	rBV	22823	47001	1.81%	0.300%
3	8.222	340	346	353	rBV2	40062	109194	4.20%	0.698%
4	12.326	788	793	803	rBV	760005	1858604	71.41%	11.875%
5	15.971	1184	1190	1202	rBV	1181356	2434009	93.52%	15.551%
6	21.286	1763	1769	1785	rBV	1265227	2602728	100.00%	16.629%
7	22.590	1907	1911	1917	rBV	22058	40837	1.57%	0.261%
8	24.031	2057	2068	2072	rBV	66531	129090	4.96%	0.825%
9	24.104	2072	2076	2083	rVB2	13492	30369	1.17%	0.194%
10	25.390	2209	2216	2220	rBV2	34593	70656	2.71%	0.451%
11	25.738	2247	2254	2264	rBV2	1147112	2484756	95.47%	15.875%
12	28.979	2602	2607	2615	rBV	29023	73304	2.82%	0.468%
13	30.806	2801	2806	2812	rBV	151418	318133	12.22%	2.033%
14	31.311	2856	2861	2877	rBV	722297	1566994	60.21%	10.011%
15	33.808	3126	3133	3143	rBV	877919	2055858	78.99%	13.135%
16	38.086	3590	3599	3621	rBV2	553558	1796210	69.01%	11.476%

Sum of corrected areas: 15652044

1462.D GCMS0308.M Mon Mar 25 08:27:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1462.D
Operator :
Acquired : 22 Feb 2002 3:53 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/22
Misc Info :
Vial Number: 15
Quant File :GCMS0208.RES (RTE Integrator)



1462.D GCMS0308.M Mon Mar 25 08:27:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

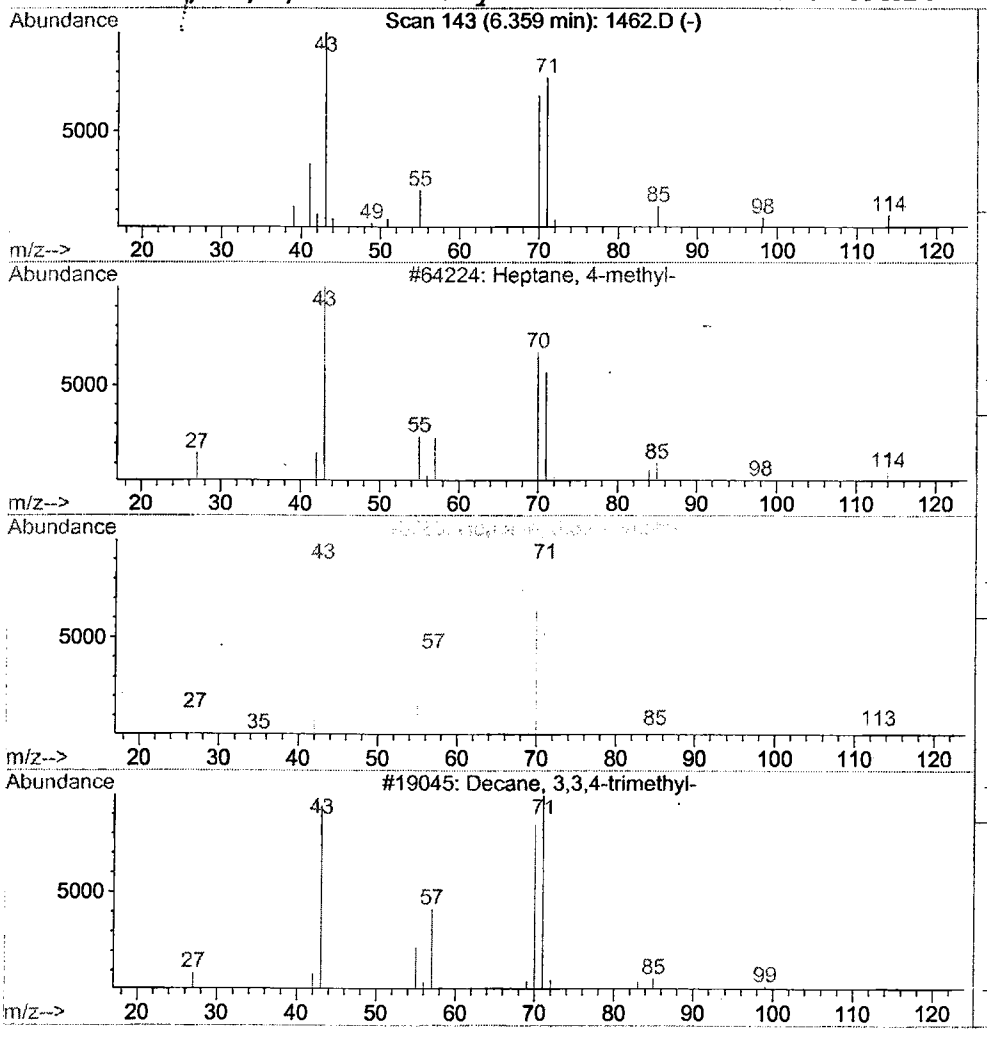
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

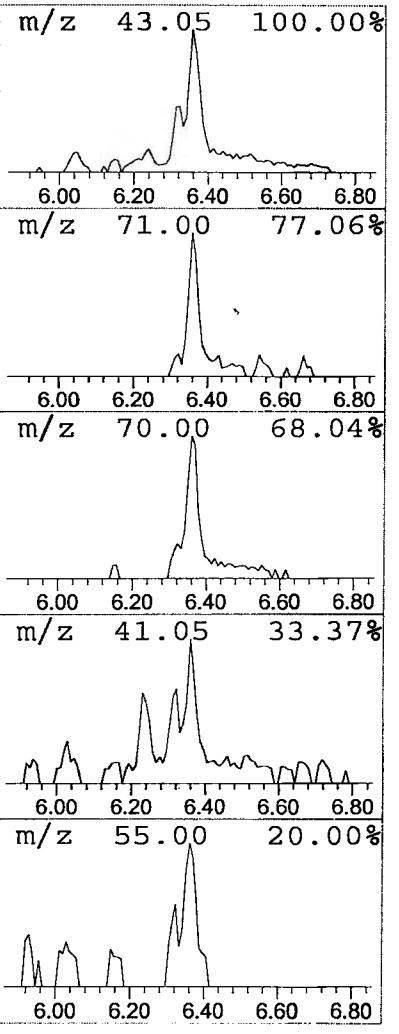
****

Peak Number 1 Heptane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.37 ug/l	34301	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
2	Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	72
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	56





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

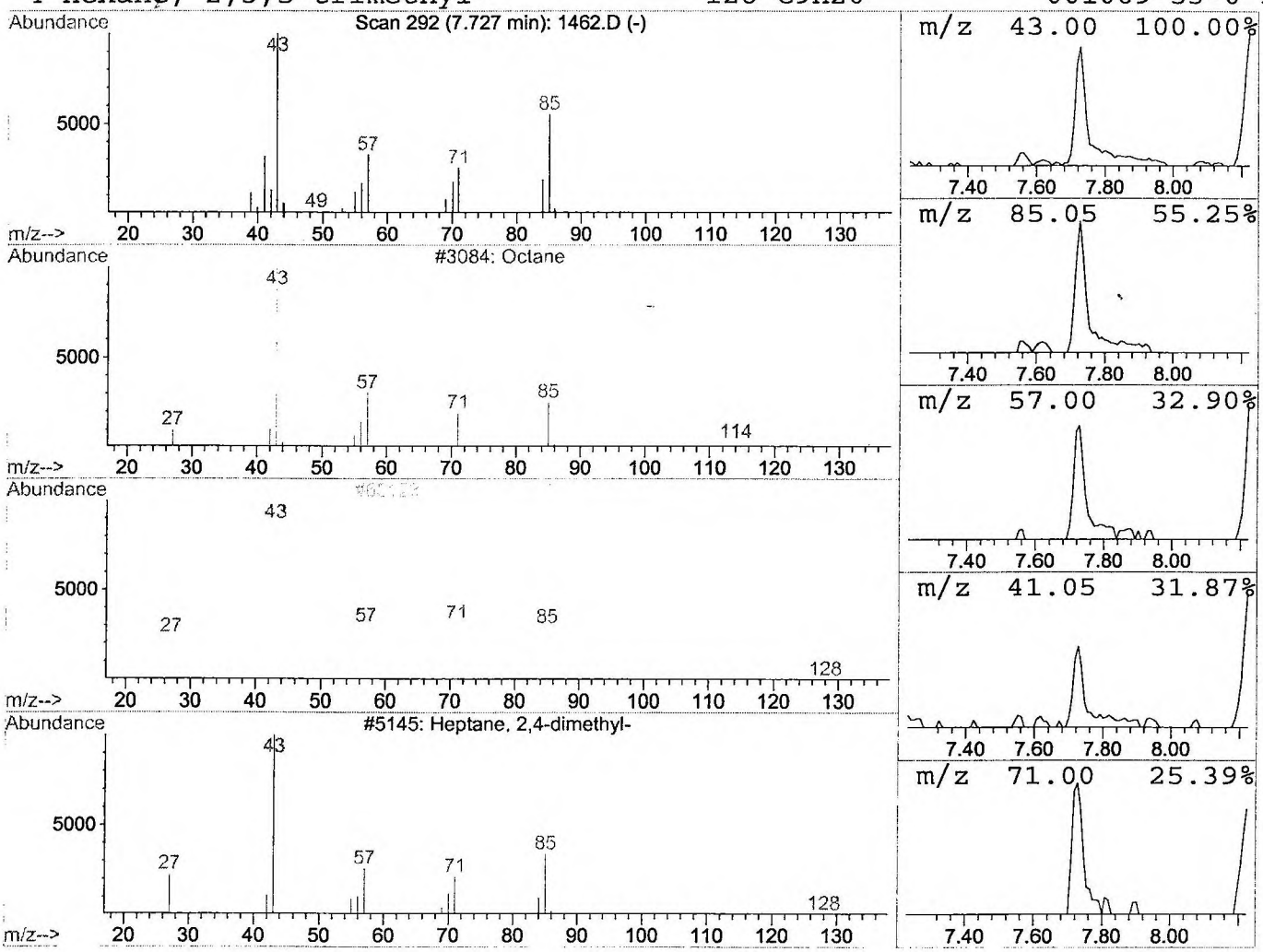
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	0.51 ug/l	47001	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	64
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	56
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

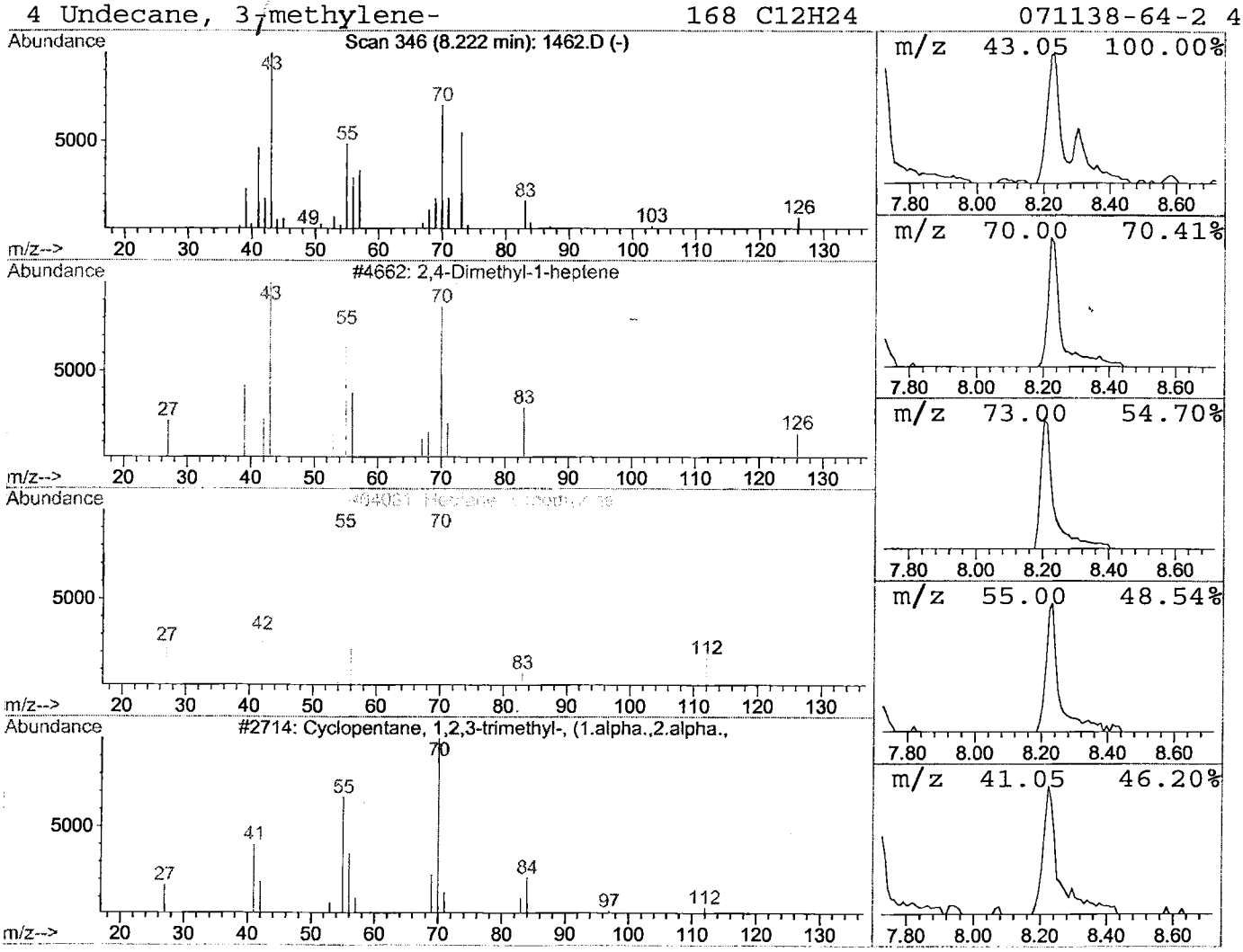
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2,4-Dimethyl-1-heptene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	1.18 ug/l	109194	1,4-Dichlorobenzene-d4	12.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	50
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	47
3	Cyclopentane, 1,2,3-trimethyl-, (1.	112	C8H16	002613-69-6	42
4	Undecane, 3-methylene-	168	C12H24	071138-64-2	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

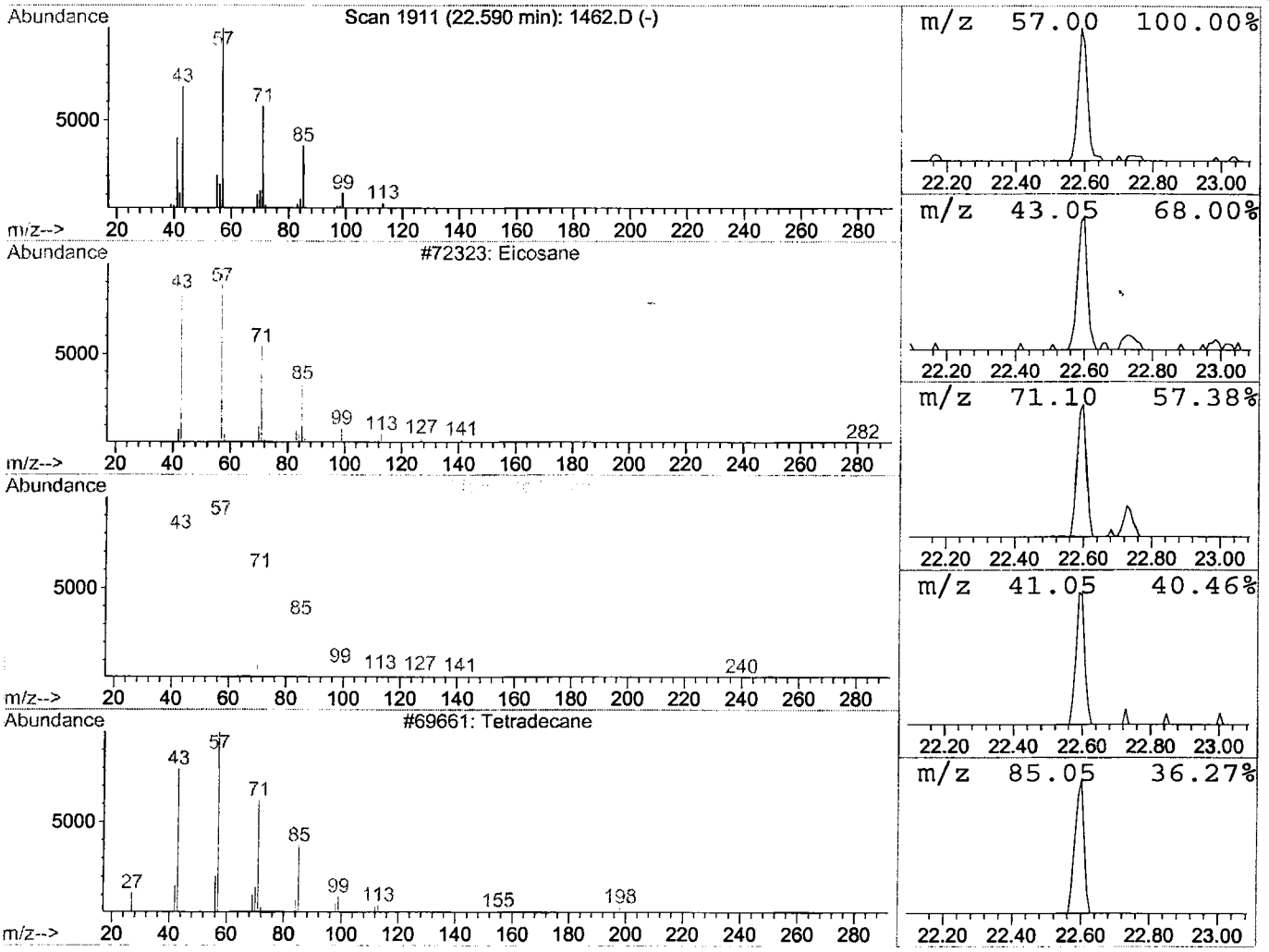
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	0.31 ug/l	40837	Acenaphthene-d10	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	80



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

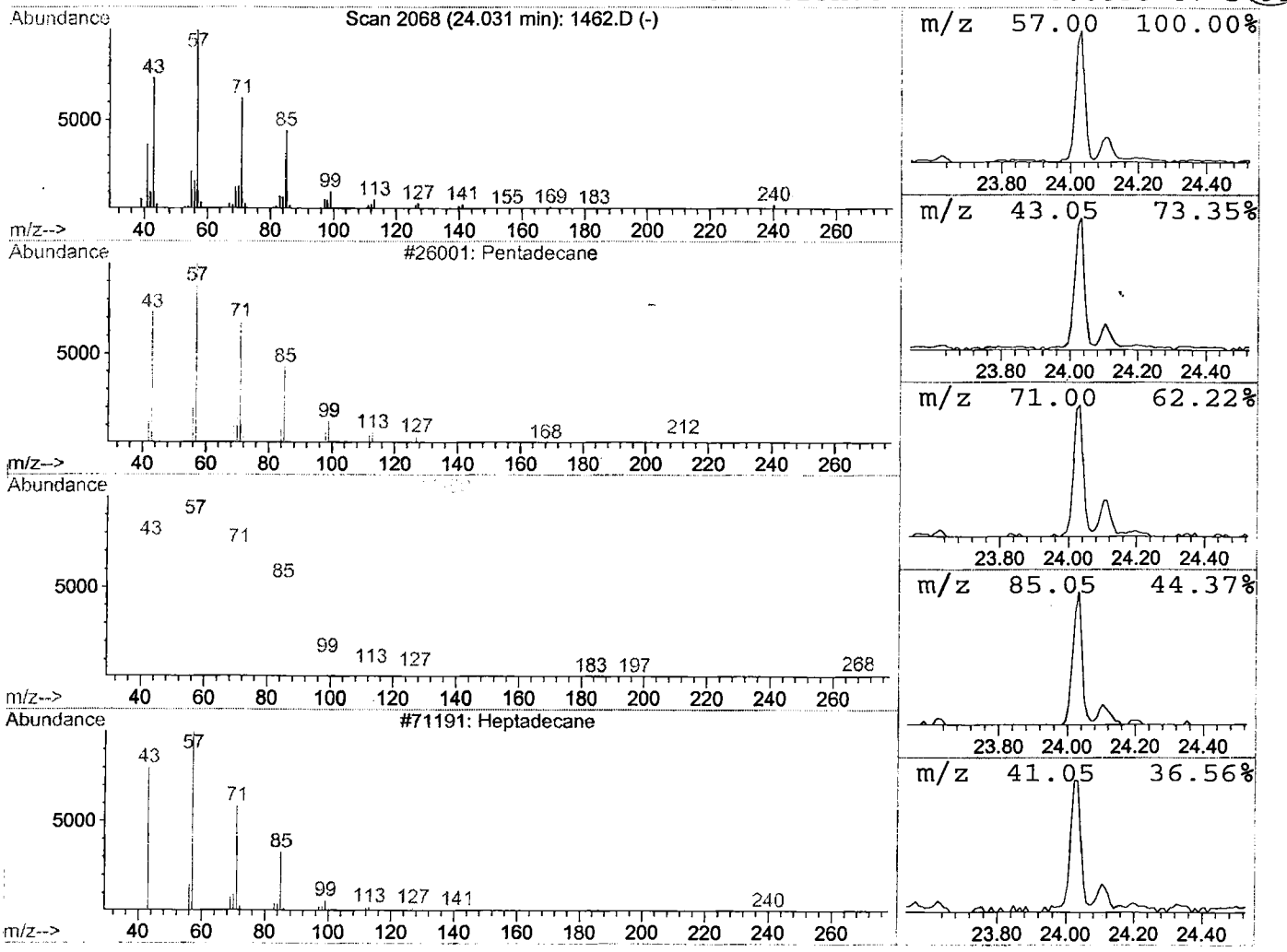
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	1.04 ug/l	129090	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tricosane	324	C23H48	000638-67-5	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

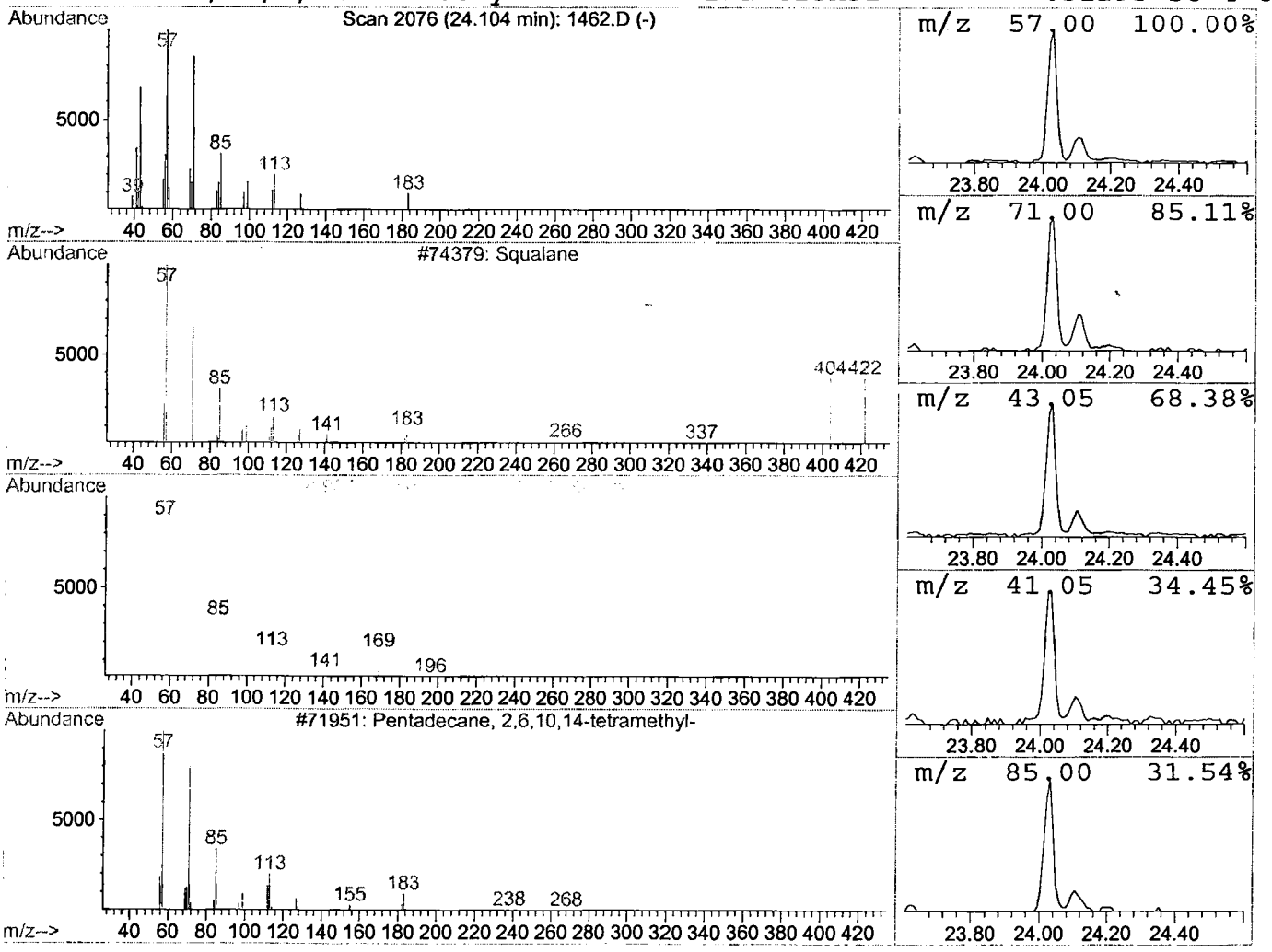
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Squalane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	0.24 ug/l	30369	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalane	422	C30H62	000111-01-3	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

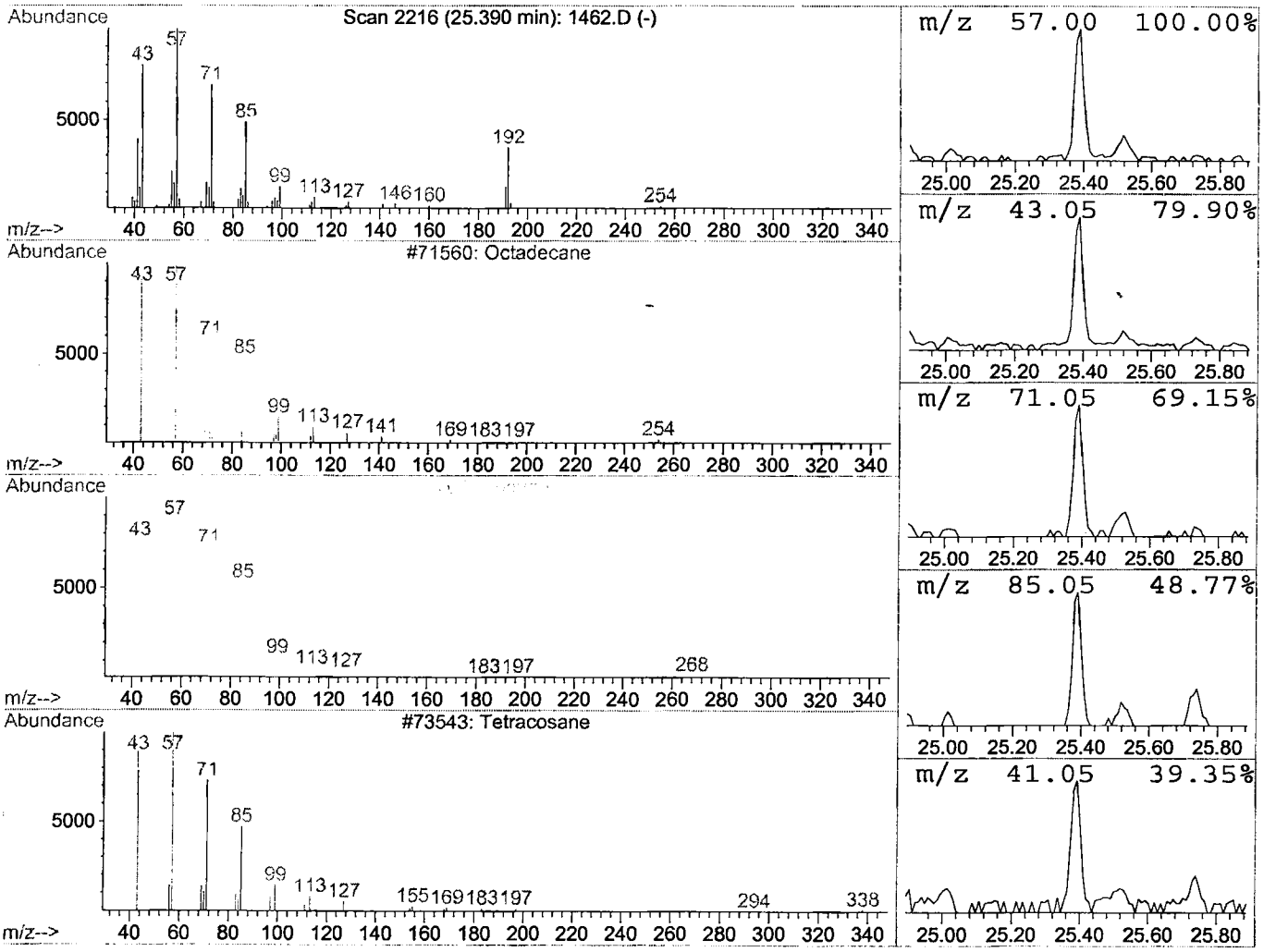
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.39	0.57 ug/l	70656	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Nonadecane	268	C19H40	000629-92-5	70
3	Tetracosane	338	C24H50	000646-31-1	62
4	Pentacosane	352	C25H52	000629-99-2	62



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

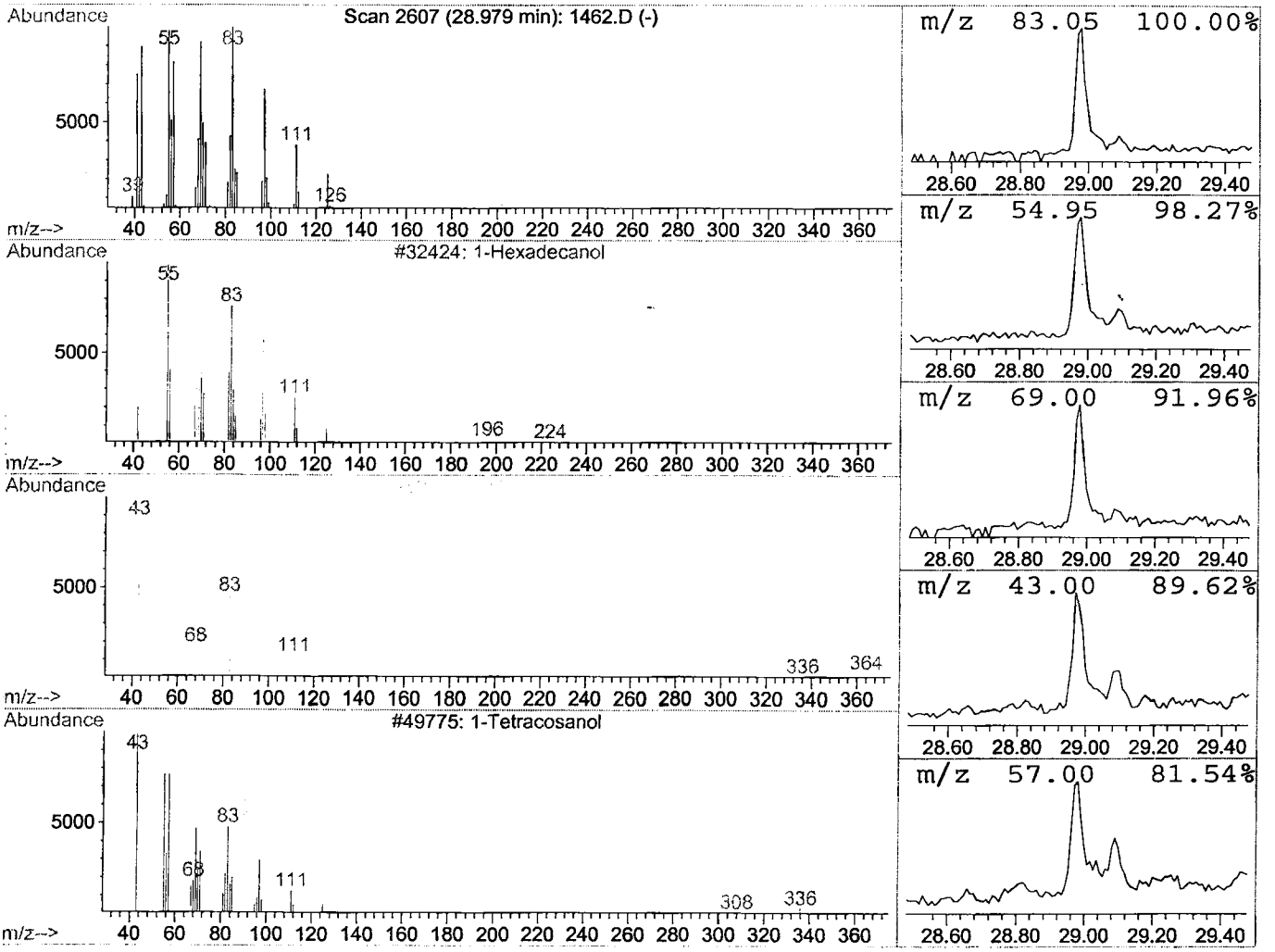
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.98	0.59 ug/l	73304	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	80
2	1-Hexacosanol	382	C26H54O	000506-52-5	58
3	1-Tetracosanol	354	C24H50O	000506-51-4	58
4	1-Octadecene	252	C18H36	000112-88-9	49



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1462.D Vial: 15
Acq On : 22 Feb 2002 3:53 am Operator:
Sample : gc/ms scan 1/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

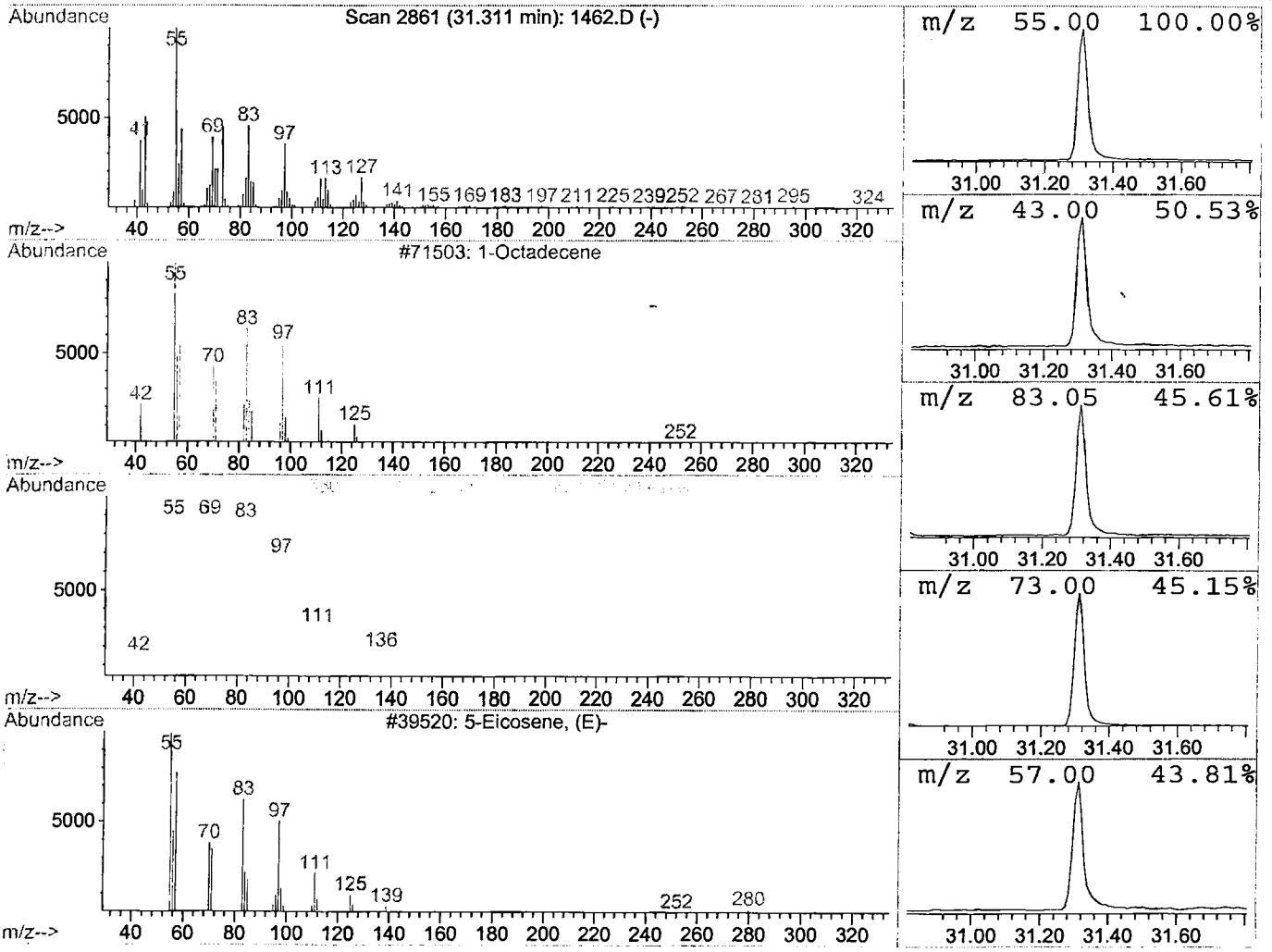
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 1-Octadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.31	15.24 ug/l	1566990	Chrysene-d12	33.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
4	1-Octadecanol	270	C18H38O	000112-92-5	70



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 3:53 am
Data File: C:\HPCHEM\1\DATA\FEB2102\1462.D
Name: gc/ms scan 1/22
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
Heptane, 4-methyl-	6.36	0.4	ug/l	34301	ISTD01	12.34	1858600	20.0
Octane	7.73	0.5	ug/l	47001	ISTD01	12.34	1858600	20.0
2,4-Dimethyl-1-hepte	8.22	1.2	ug/l	109194	ISTD01	12.34	1858600	20.0
Eicosane	22.59	0.3	ug/l	40837	ISTD03	21.29	2602730	20.0
Pentadecane	24.03	1.0	ug/l	129090	ISTD04	25.74	2484760	20.0
Squalane	24.10	0.2	ug/l	30369	ISTD04	25.74	2484760	20.0
Octadecane	25.39	0.6	ug/l	70656	ISTD04	25.74	2484760	20.0
1-Hexadecanol	28.98	0.6	ug/l	73304	ISTD04	25.74	2484760	20.0
1-Octadecene	31.31	15.2	ug/l	1566990	ISTD05	33.81	2055860	20.0

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