Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:47 2002 Quant Results File: GCMS0412.RES

Quant 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
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	665068	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	2425708	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1350901	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.59	188	2029886	20.00	ug/l	-0.02
39) Chrysene-d12	33.64	240	1360951	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	886406	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.28	209	46711	~~6.84~~ 8.52	ug/L	-0.05
Spiked Amount 10.000			Recovery =	~~68.40%~~ 85%		
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	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	21.58	165	196	N.D.		
25) Diethylphthalate	22.63	149	1460	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

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:47 2002 Quant Results File: GCMS0412.RES

Quant 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
DataAcq Meth : GCMS0412

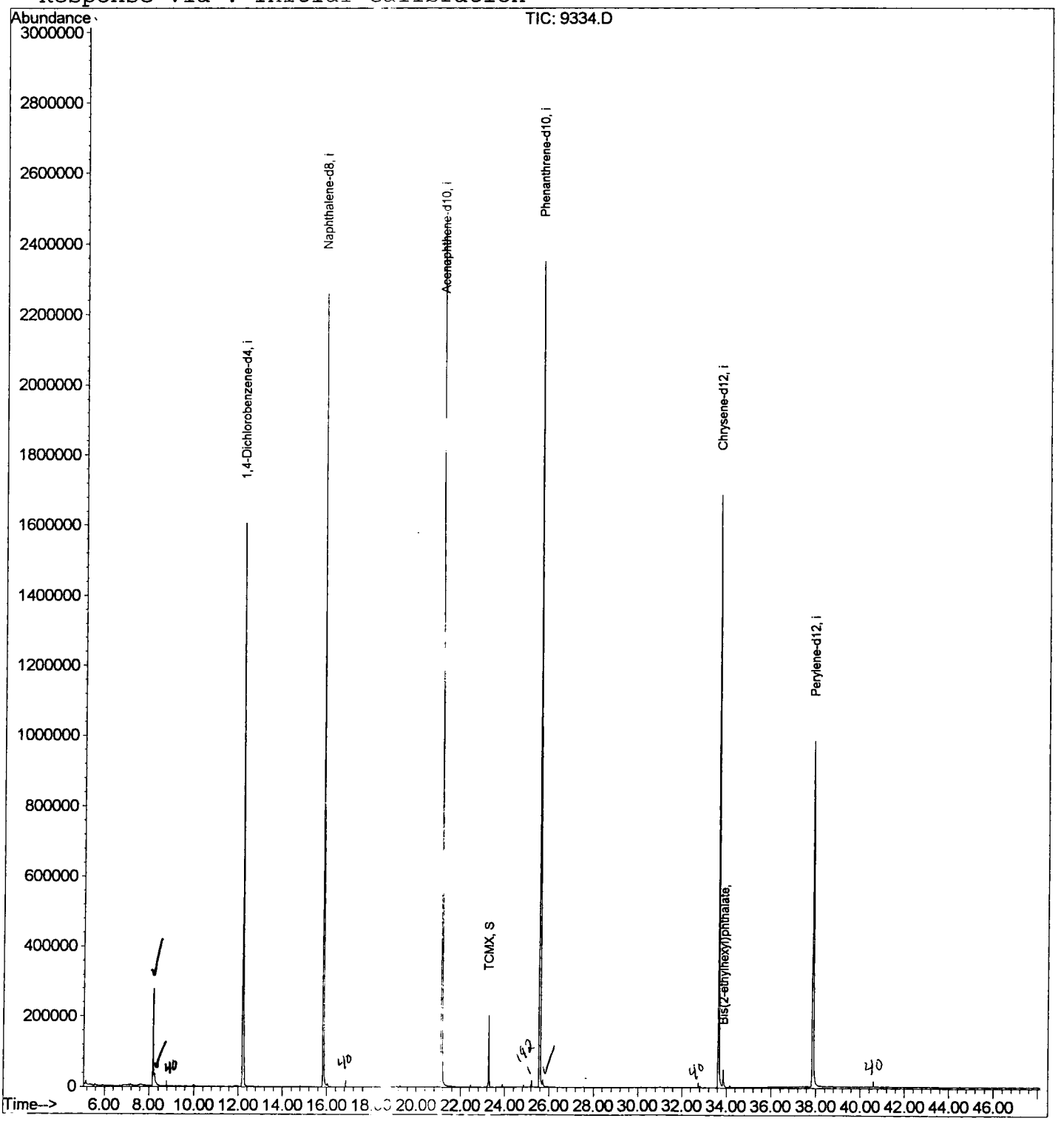
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.65	178	107	N.D.	
35) Anthracene	25.58	178	499	N.D.	
36) Di-n-butylphthalate	27.55	149	3078	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.64	228	3120	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	36222	1.06 ug/l	99
44) Chrysene	33.64	228	3121	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	37.87	252	3427	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\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 7:47 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\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 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

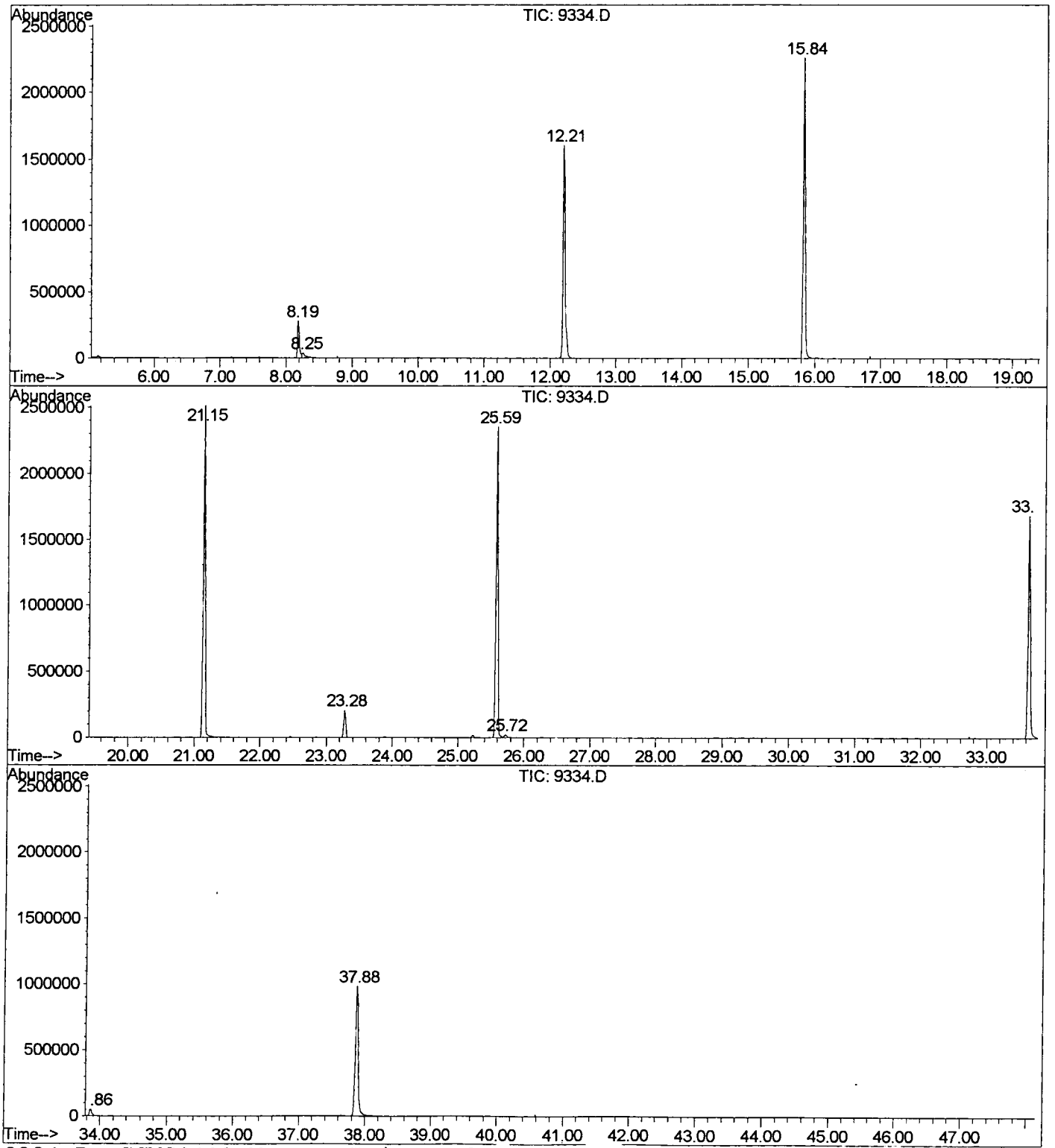
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.187	338	342	347	rBV	276610	542694	10.37%	2.035%
2	8.252	347	349	367	rVB	34799	117468	2.24%	0.440%
3	12.208	775	780	796	rVB	1603677	3585052	68.49%	13.443%
4	15.844	1170	1176	1193	rBV	2257894	4587456	87.64%	17.201%
5	21.150	1747	1754	1775	rBV	2510567	5234510	100.00%	19.627%
6	23.280	1980	1986	1993	rBV	204520	406060	7.76%	1.523%
7	25.593	2230	2238	2248	rBV	2351109	5101158	97.45%	19.127%
8	25.722	2248	2252	2264	rVB	19802	58008	1.11%	0.218%
9	33.644	3108	3115	3134	rBV2	1687136	3926911	75.02%	14.724%
10	33.855	3134	3138	3152	rVB2	49056	123932	2.37%	0.465%
11	37.876	3567	3576	3593	rBV2	981855	2986136	57.05%	11.197%

Sum of corrected areas: 26669385

9334.D GCMS0412.M Fri Apr 26 08:19:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\9334.D
Operator :
Acquired : 25 Apr 2002 10:26 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 11
Quant File :GCMS0412.RES (RTE Integrator)



9334.D GCMS0412.M Fri Apr 26 08:19:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

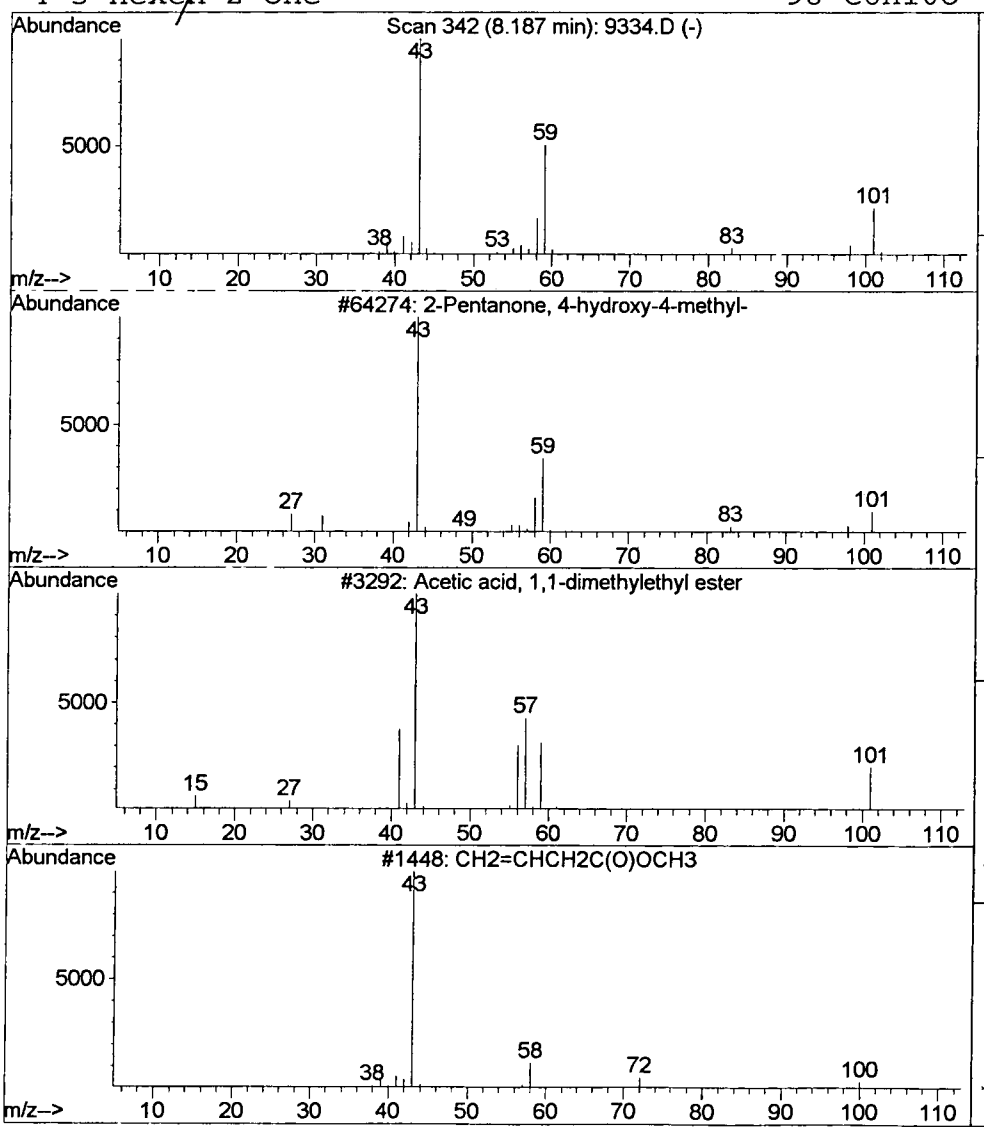
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

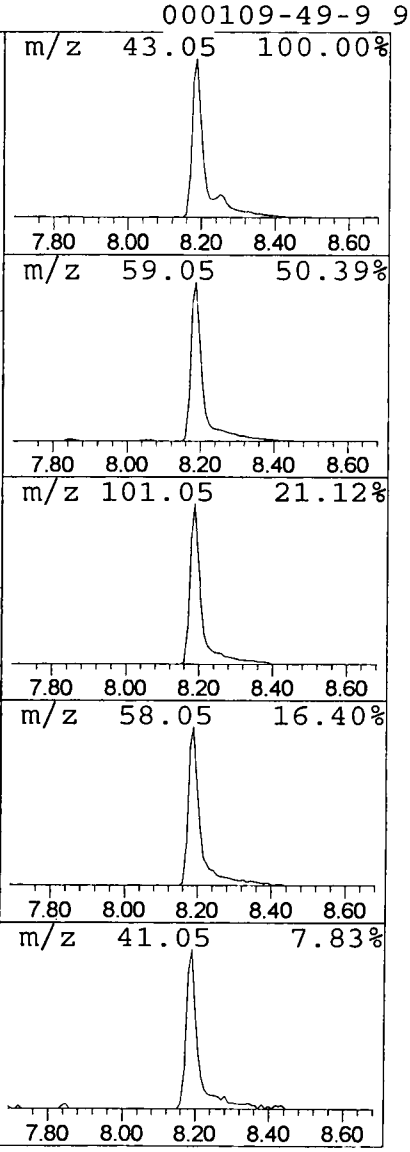
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	3.03 ug/l	542694	1,4-Dichlorobenzene-d4	12.21

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	33
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

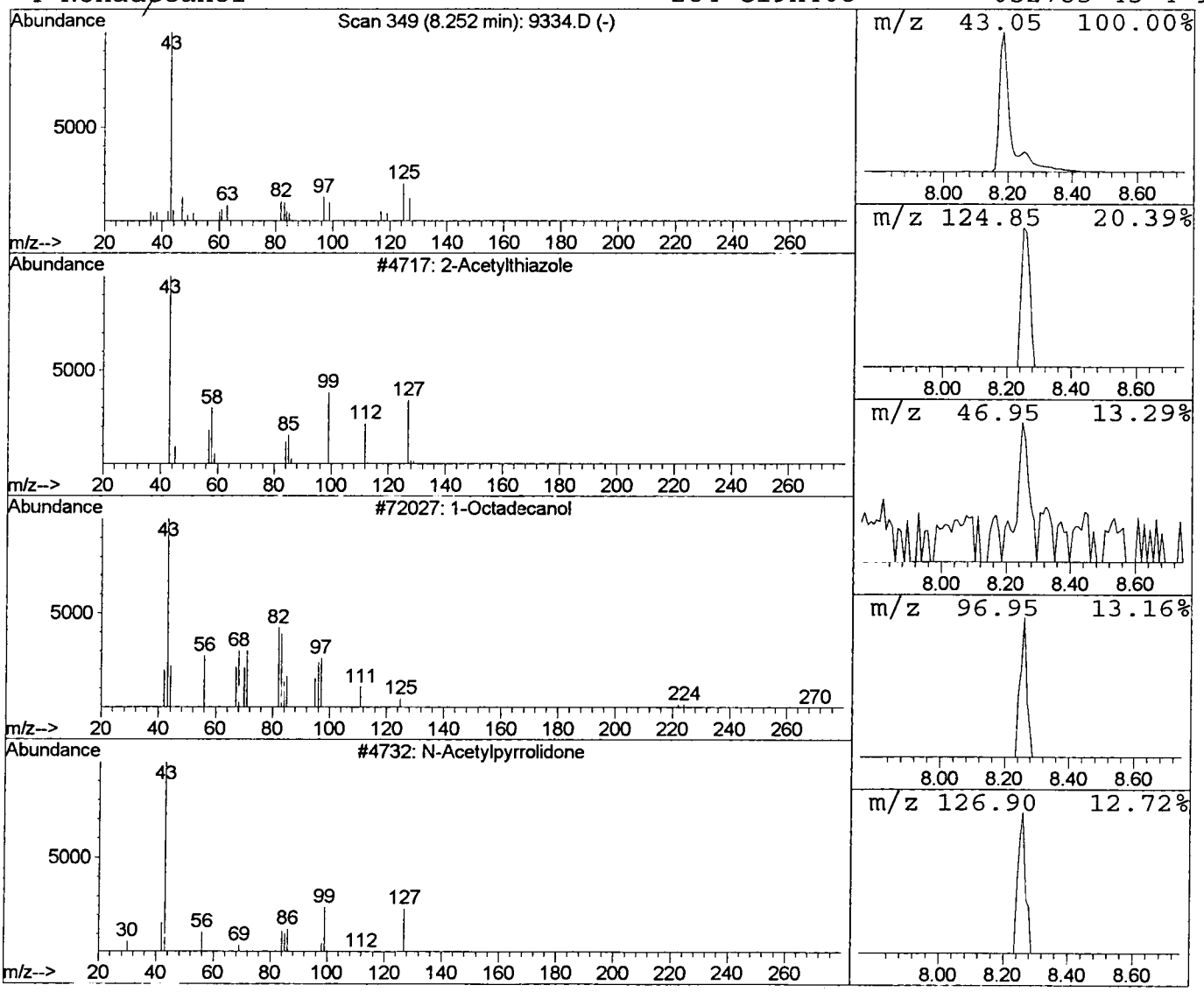
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Acetylthiazole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	0.66 ug/l	117468	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetylthiazole	127	C5H5NOS	024295-03-2	12
2	1-Octadecanol	270	C18H38O	000112-92-5	10
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	10
4	Nonadecanol	284	C19H40O	052783-43-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\9334.D Vial: 11
Acq On : 25 Apr 2002 10:26 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

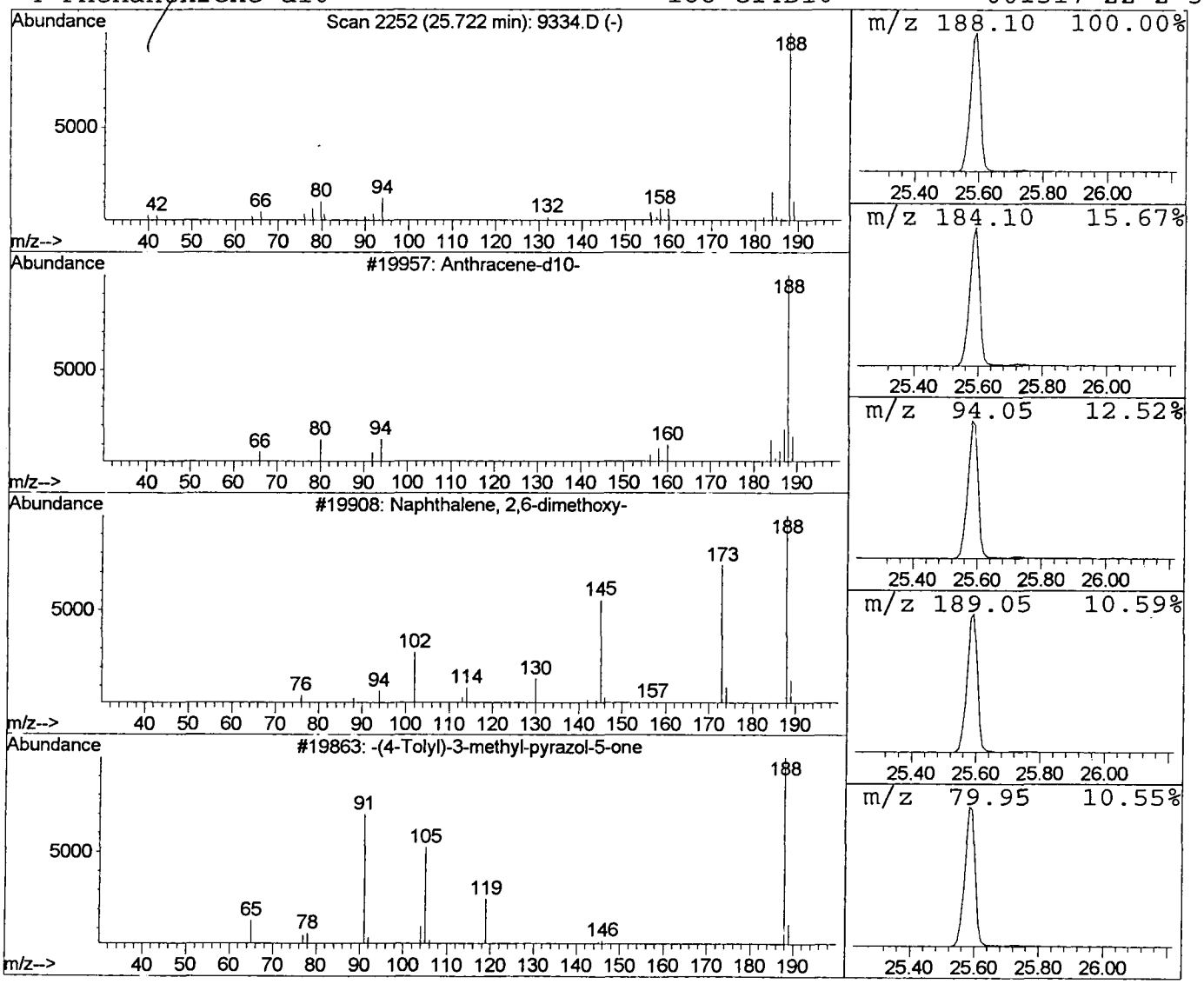
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.23 ug/l	58008	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	42
2	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40
4	Phenanthrene-d10	188	C14D10	001517-22-2	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 10:26 pm
Data File: C:\HPCHEM\1\DATA\APR2502\9334.D
Name: gc/ms scan 4/18
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
2-Pentanone, 4-hydro	8.19	3.0	ug/l	542694	ISTD01	12.21	3585050	20.0
2-Acetylthiazole	8.25	0.7	ug/l	117468	ISTD01	12.21	3585050	20.0
Anthracene-d10-	25.72	0.2	ug/l	58008	ISTD04	25.59	5101160	20.0

9334.D GCMS0412.M Fri Apr 26 08:19:13 2002