User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 08:38:25

Sample: AE04417
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 08:38 Ended: 4/4/02 08:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

ents for Sample AE04417 - Analysis $GCMS

estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 04-04-2002 Time: 08:38:37

GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual
pounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:02 2002 Quant Results File: GCMS0308.RES

Quant 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
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.26	152	513038	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	2033848	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	1086914	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1585265	20.00	ug/l	-0.11
38) Chrysene-d12	33.73	240	941357	20.00	ug/l	-0.12
44) Perylene-d12	37.98	264	568078	20.00	ug/l	-0.14
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	64753	5.62	ug/mL	0.24
Spiked Amount 5.000			Recovery = 112.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.47	74	269	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	12.83	146	101	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	14.61	82	187	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	15.96	128	960	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	21.31	153	178	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.69	149	644	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\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:02 2002 Quant Results File: GCMS0308.RES

Quant 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
DataAcq Meth : GCMS0308

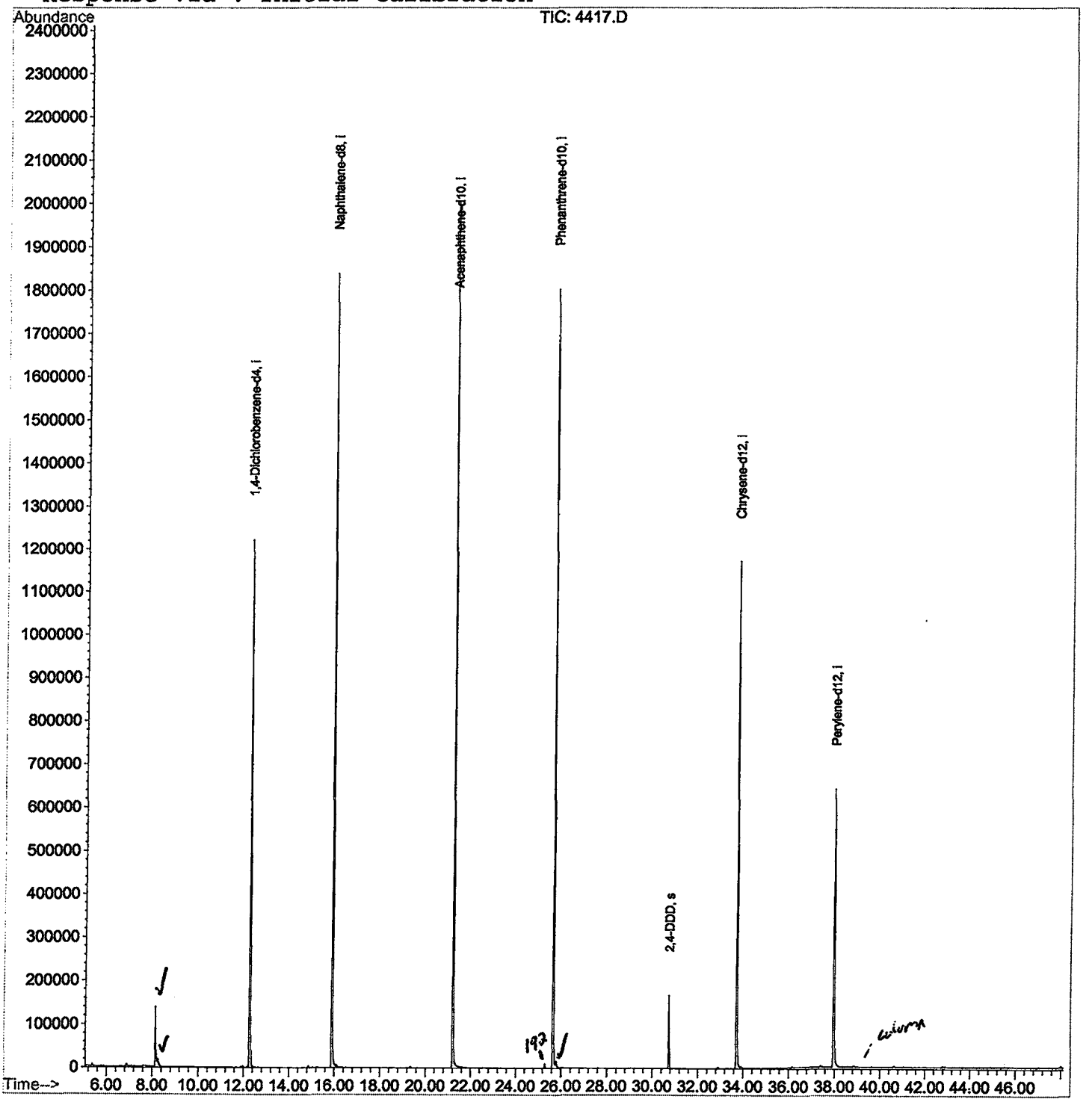
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	472	N.D.	
34)	Anthracene	25.72	178	472	N.D.	
35)	Di-n-butylphthalate	27.62	149	1134	N.D.	
36)	Fluoranthene	29.35	202	360	N.D.	
39)	Pyrene	30.03	202	440	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.72	228	2263	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	1543	N.D.	
43)	Chrysene	33.72	228	2585	N.D.	
45)	Di-n-Octylphthalate	35.68	149	284	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	666	N.D.	
47)	Benzo(k)fluoranthene	36.87	252	904	N.D.	
48)	Benzo(a)pyrene	37.77	252	288	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\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 22 9:02 2002 Quant Results File: GCMS0308.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\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 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

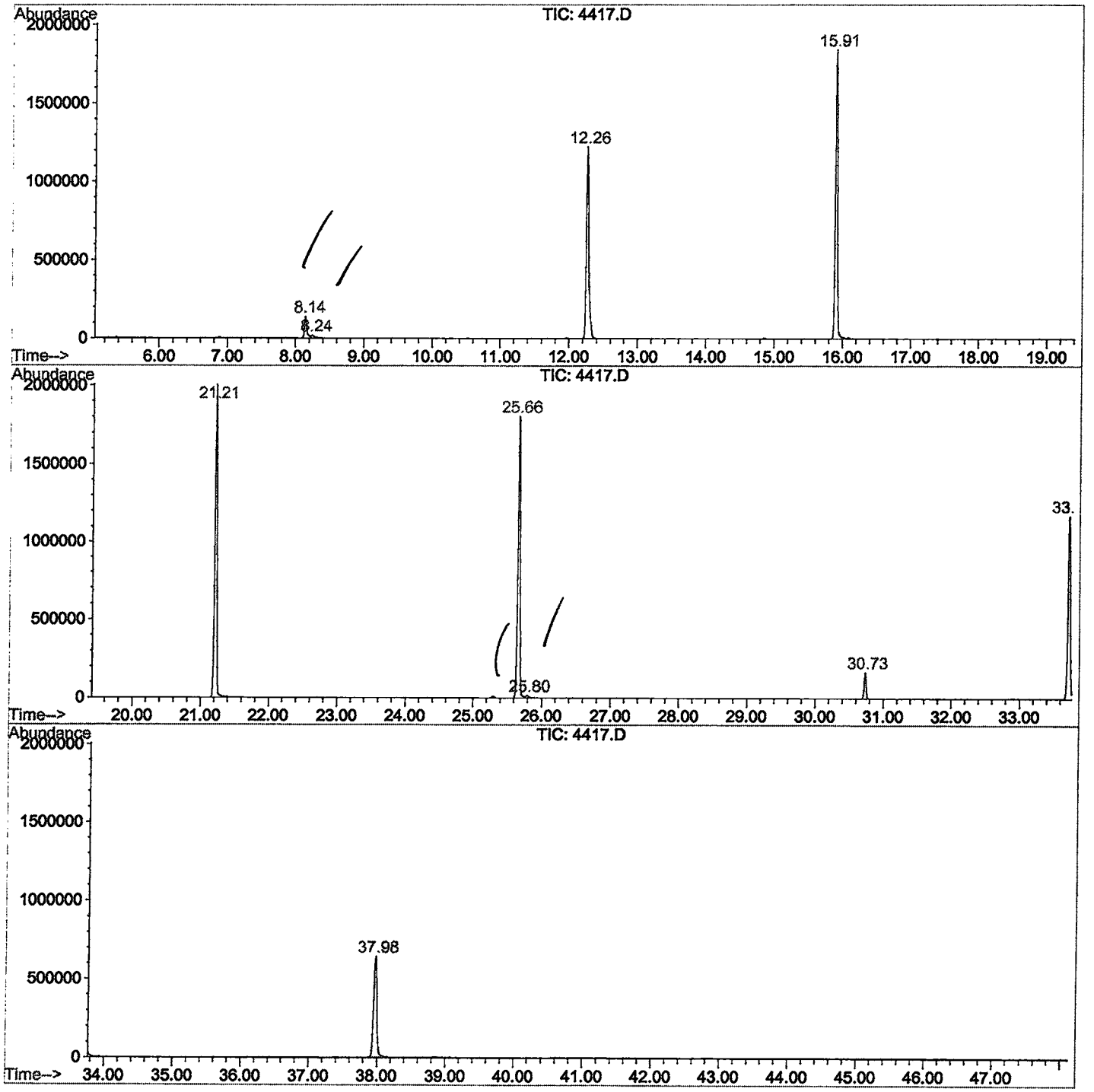
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.142	333	337	346	rBV	137317	317041	7.57%	1.556%
2	8.243	346	348	362	rVB	18325	58896	1.41%	0.289%
3	12.264	781	786	803	rVB	1221348	2845228	67.97%	13.961%
4	15.909	1176	1183	1199	rBV	1839287	3838956	91.71%	18.838%
5	21.215	1755	1761	1778	rBV	2006744	4185836	100.00%	20.540%
6	25.658	2238	2245	2256	rBV2	1804060	4019776	96.03%	19.725%
7	25.796	2257	2260	2273	rVB	15177	44194	1.06%	0.217%
8	30.735	2793	2798	2804	rVB	166760	327190	7.82%	1.606%
9	33.728	3117	3124	3138	rBV	1172178	2765246	66.06%	13.569%
10	37.978	3578	3587	3608	rBV2	640930	1976863	47.23%	9.700%

Sum of corrected areas: 20379226

4417.D GCMS0308.M Fri Mar 22 09:38:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2102\4417.D
Operator :
Acquired : 21 Mar 2002 6:10 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/1
Misc Info :
Vial Number: 8
Quant File :GCMS0308.RES (RTE Integrator)



4417.D GCMS0308.M Fri Mar 22 09:38:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

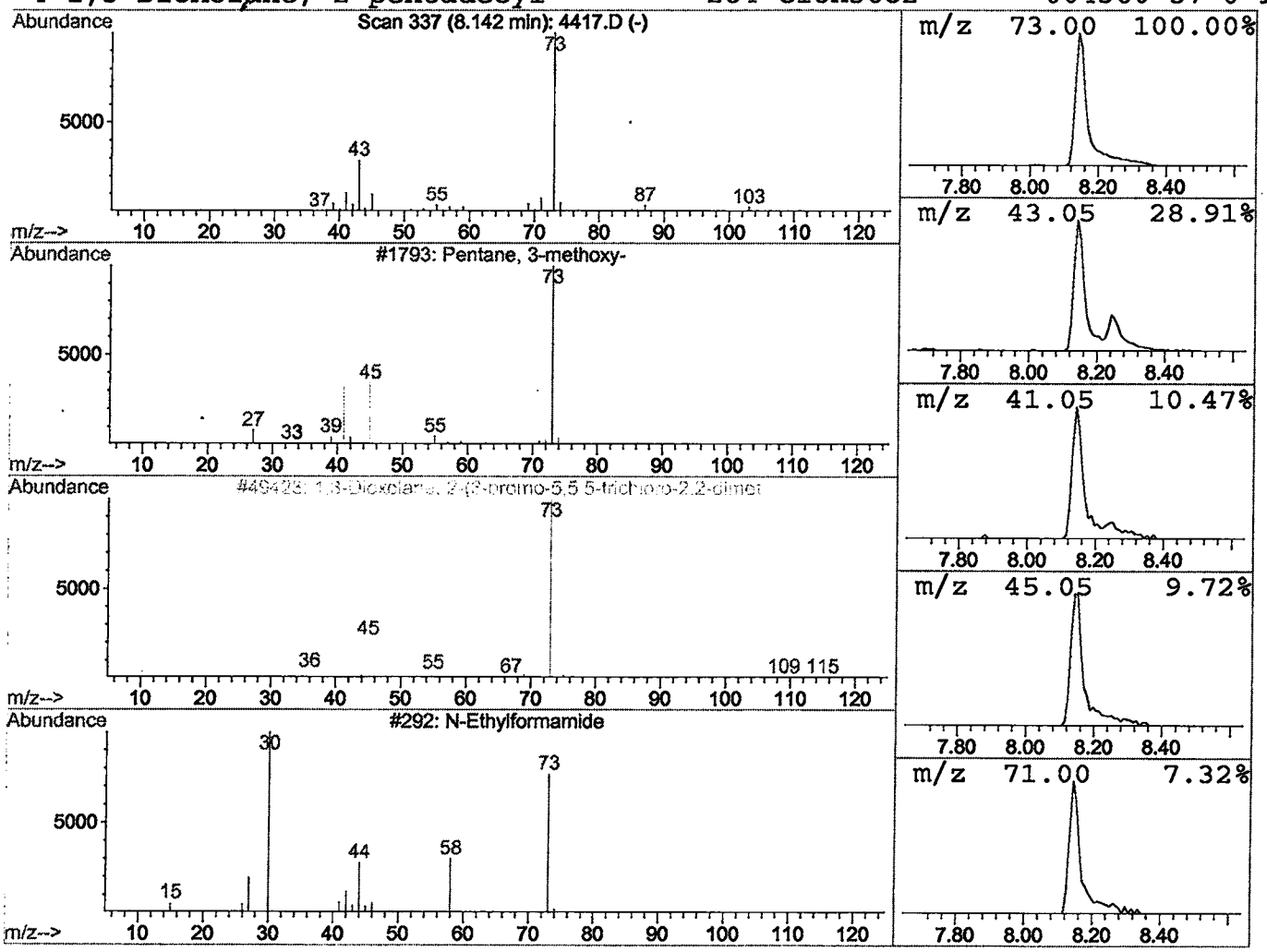
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	2.23 ug/l	317041	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4417.D Vial: 8
Acq On : 21 Mar 2002 6:10 pm Operator:
Sample : gc/ms scan 3/1 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

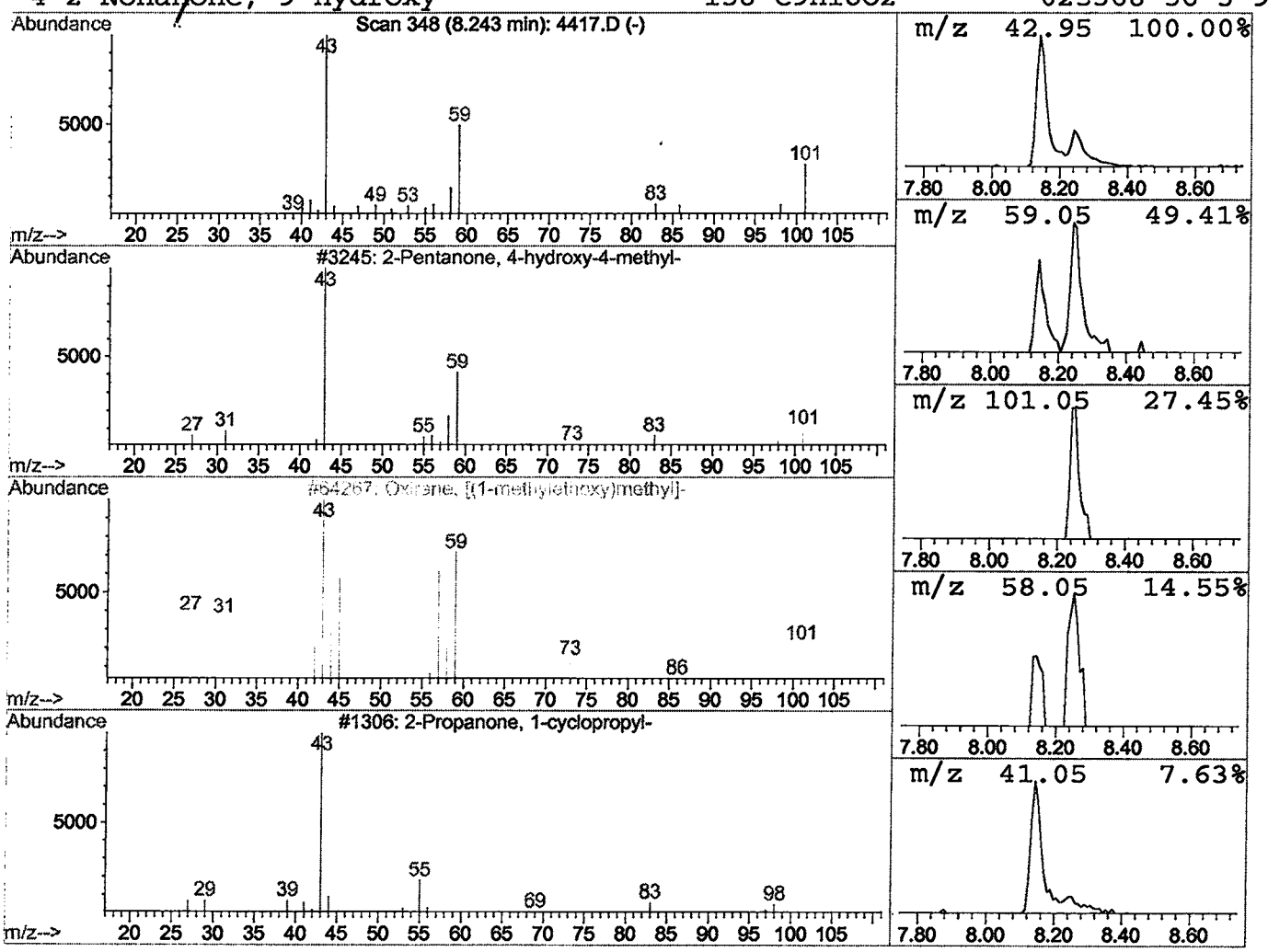
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	0.41 ug/l	58896	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	10
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2102\4417.D
Acq On : 21 Mar 2002 6:10 pm
Sample : gc/ms scan 3/1
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : GC/MS 209
Multiplr: 1.00

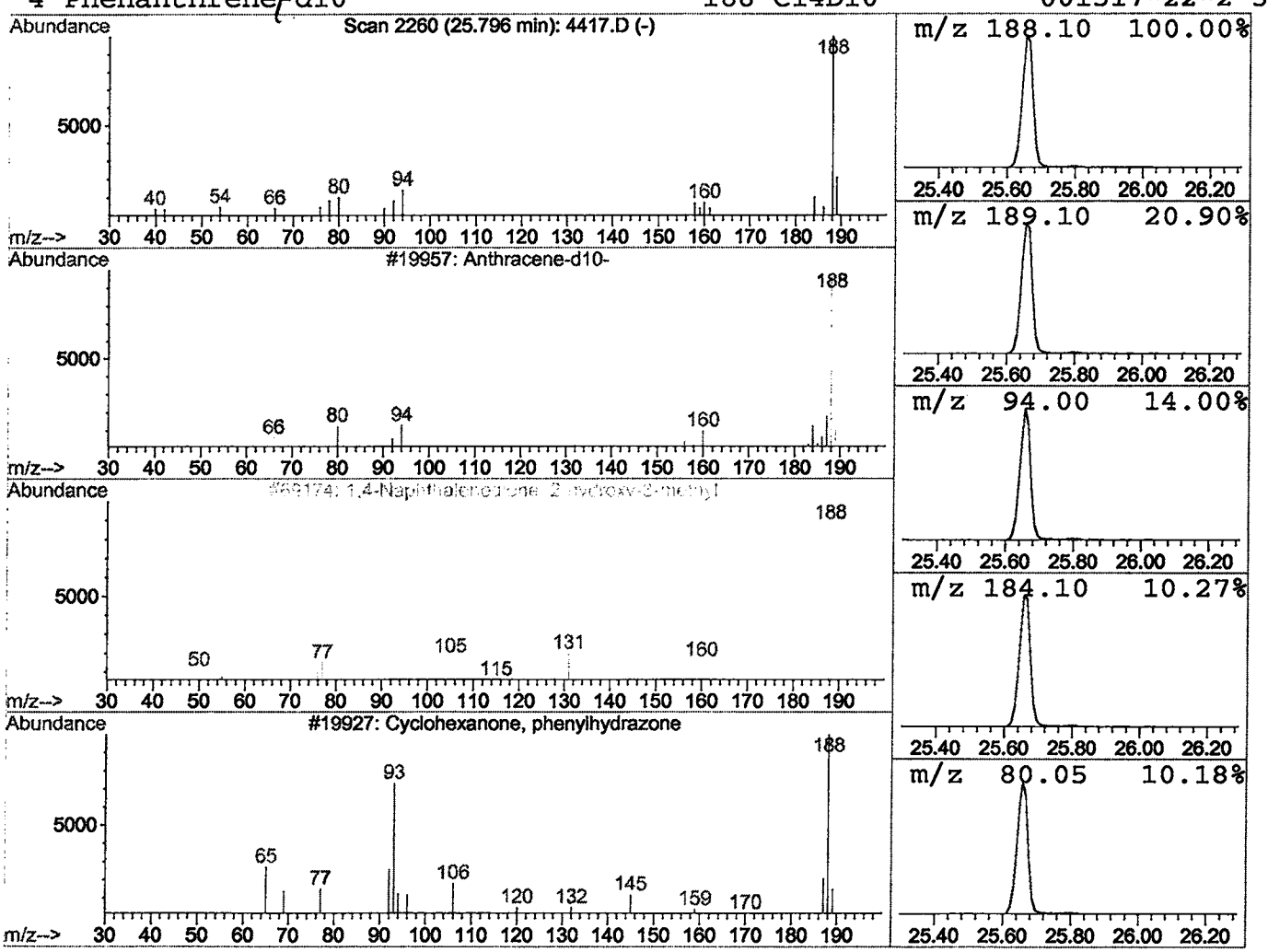
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.22 ug/l	44194	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	42
3	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	38
4	Phenanthrene-d10	188	C14D10	001517-22-2	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 21 Mar 2002 6:10 pm
Data File: C:\HPCHEM\1\DATA\MAR2102\4417.D
Name: gc/ms scan 3/1
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
Pentane, 3-methoxy-	8.14	2.2	ug/l	317041	ISTD01	12.26	2845230	20.0
2-Pentanone, 4-hydro	8.24	0.4	ug/l	58896	ISTD01	12.26	2845230	20.0
Anthracene-d10-	25.80	0.2	ug/l	44194	ISTD04	25.66	4019780	20.0

4417.D GCMS0308.M Fri Mar 22 09:39:07 2002