User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 09:51:11

Sample: AE08432
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 09:50 Ended: 4/18/2002 09:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		83	5.0

:omments for Sample AE08432 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Vinci, David L
ıate: 04-18-2002 Time: 09:51:50

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\8432.D Vial: 21
Acq On : 16 Apr 2002 3:41 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	541028	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1990742	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1130334	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1594007	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	963293	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	613991	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	46890	8.28	ug/L	-0.02
Spiked Amount 10.000			Recovery = 82.80%			
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	21.42	165	825	N.D.		
25) Diethylphthalate	22.67	149	399	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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DataAcq Meth : GCMS0412

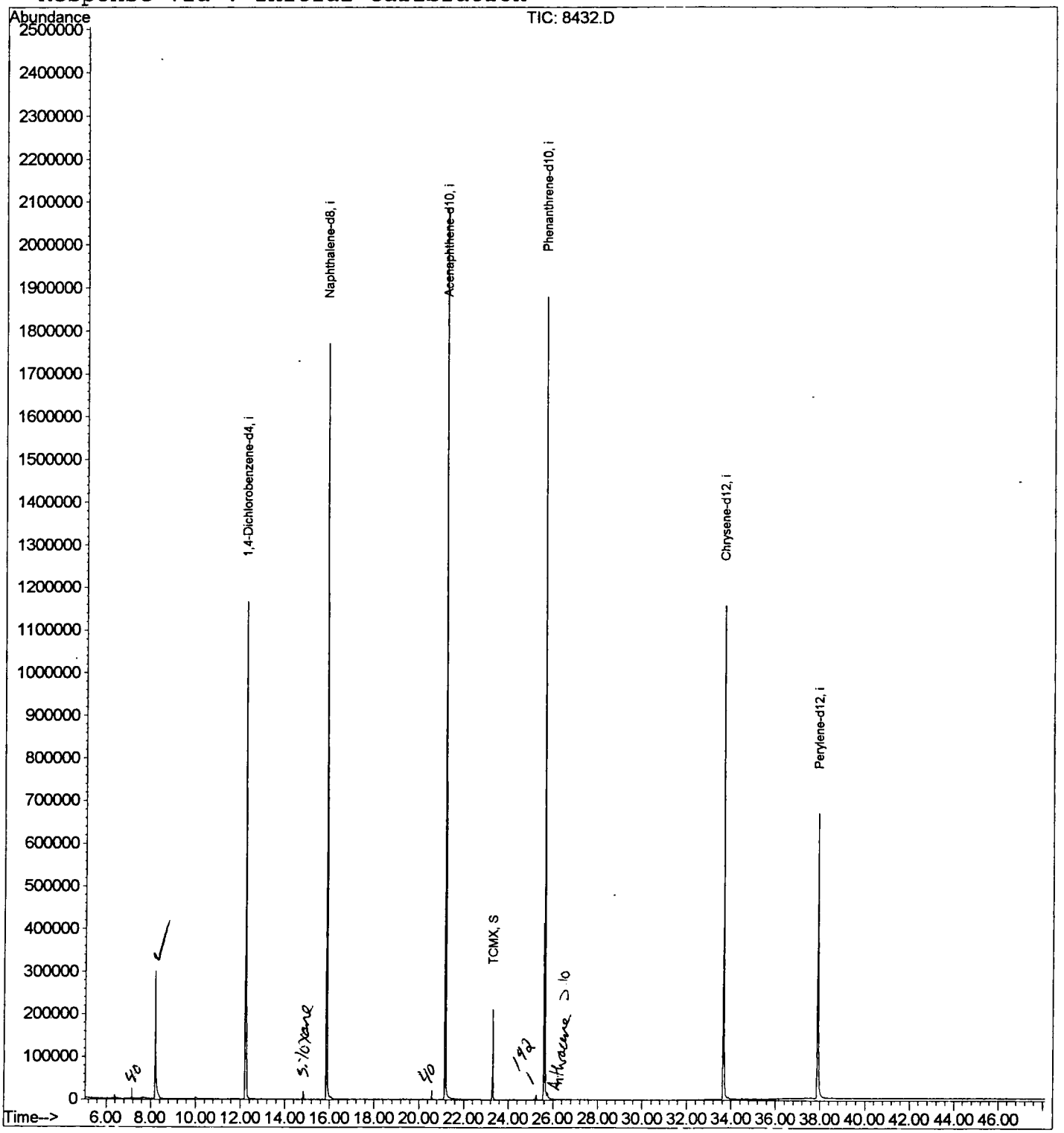
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.61	178	405	N.D.	
35) Anthracene	25.61	178	405	N.D.	
36) Di-n-butylphthalate	27.59	149	1476	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.67	228	2215	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.88	149	2643	N.D.	
44) Chrysene	33.67	228	2215	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	37.90	252	2230	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\8432.D Vial: 21
Acq On : 16 Apr 2002 3:41 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:39 2002 Quant Results File: GCMS0412.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\8432.D Vial: 21
Acq On : 16 Apr 2002 3:41 am Operator:
Sample : gc/ms scan 4/10 fb 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

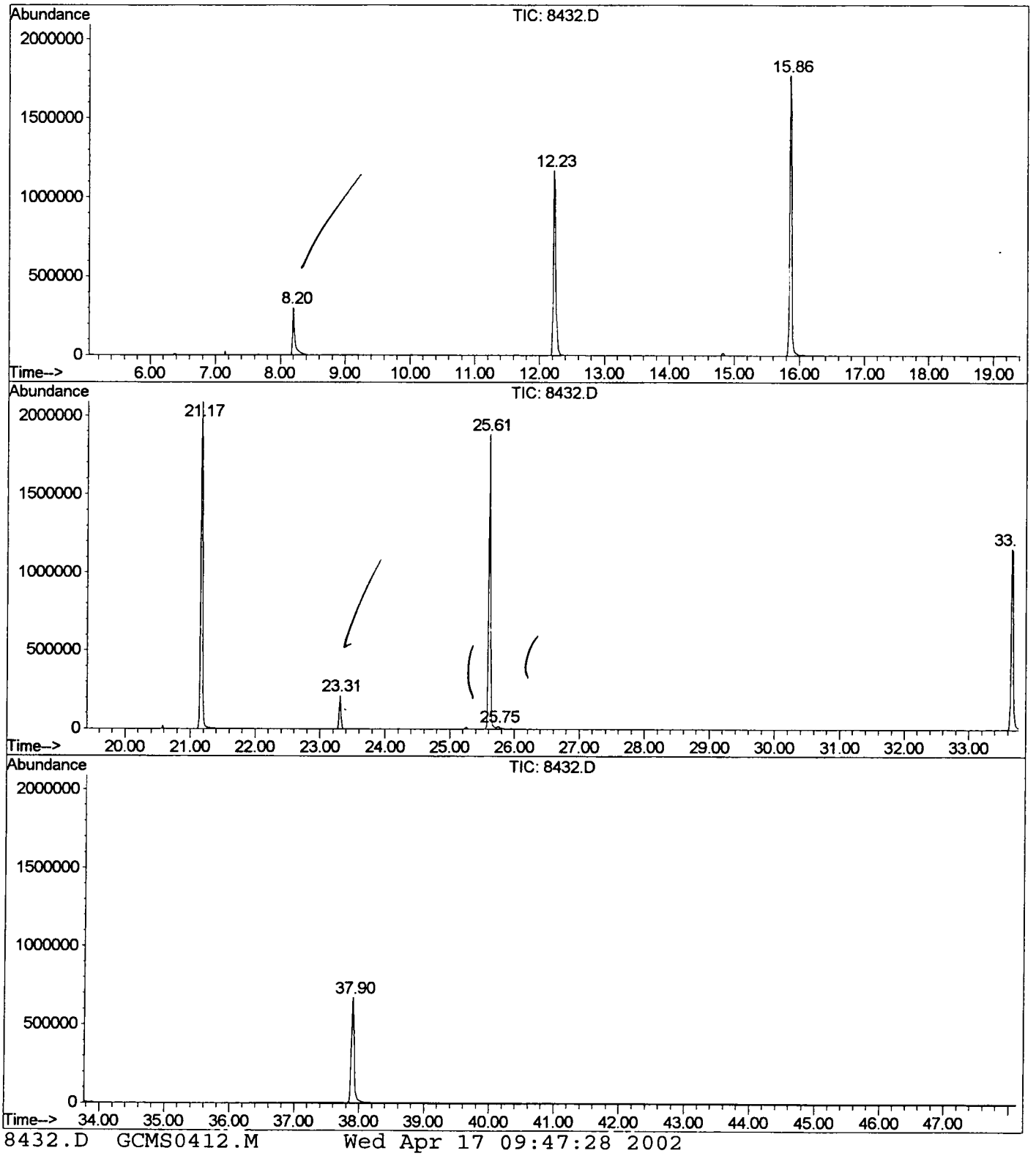
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	343	372	rBV	300128	801148	18.61%	3.806%
2	12.227	777	782	801	rBV	1166572	2898393	67.34%	13.769%
3	15.863	1172	1178	1194	rBV	1770853	3724380	86.53%	17.693%
4	21.169	1749	1756	1773	rBV	2087306	4304274	100.00%	20.448%
5	23.308	1982	1989	1995	rBV	211351	413497	9.61%	1.964%
6	25.612	2233	2240	2251	rBV	1878747	3978747	92.44%	18.902%
7	25.750	2251	2255	2270	rVB3	14527	56942	1.32%	0.271%
8	33.663	3110	3117	3136	rBV2	1158420	2788423	64.78%	13.247%
9	37.905	3570	3579	3600	rBV2	666296	2083946	48.42%	9.900%

Sum of corrected areas: 21049750

8432.D GCMS0412.M Wed Apr 17 09:47:27 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8432.D
Operator :
Acquired : 16 Apr 2002 3:41 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/10 fb
Misc Info :
Vial Number: 21
Quant File :GCMS0412.RES (RTE Integrator)



8432.D GCMS0412.M Wed Apr 17 09:47:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8432.D Vial: 21
Acq On : 16 Apr 2002 3:41 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

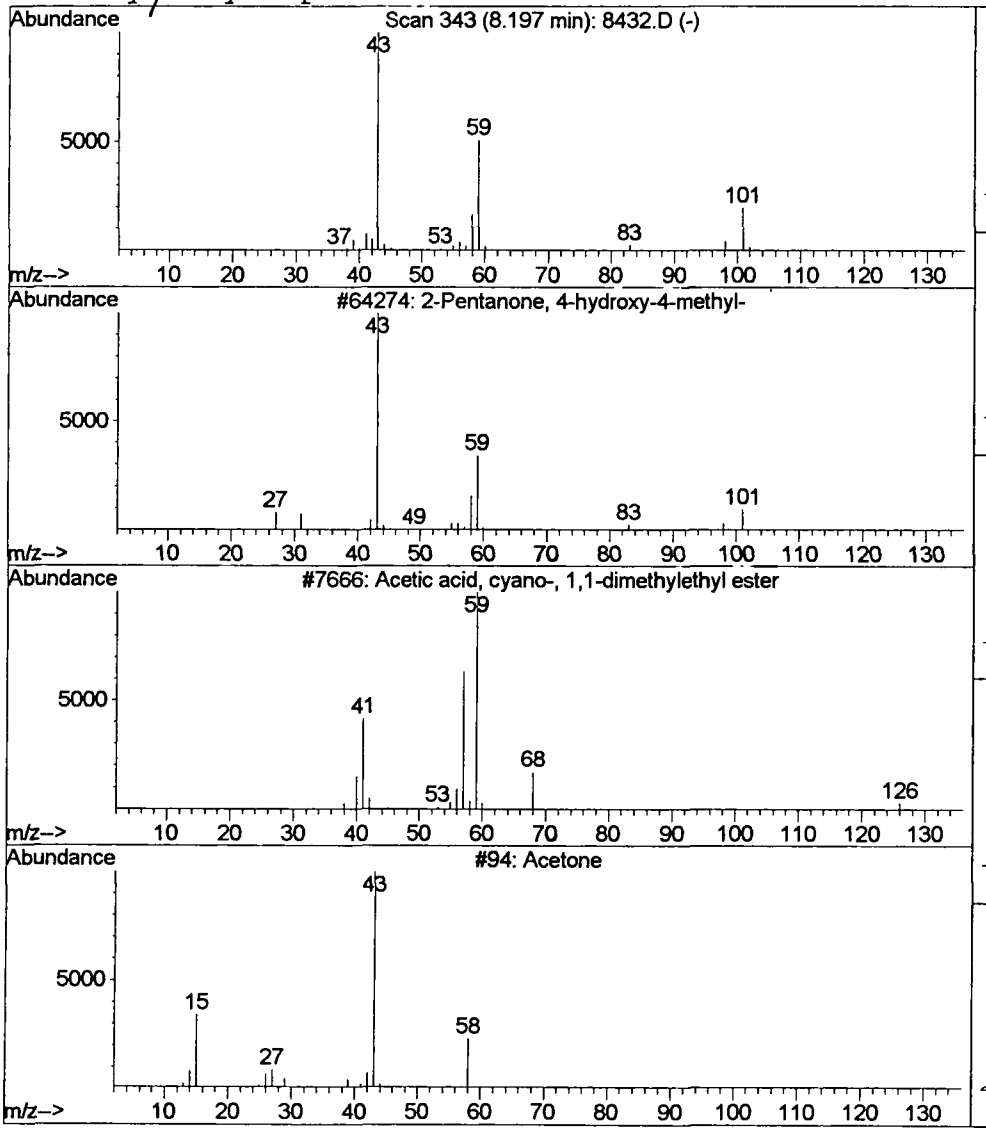
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

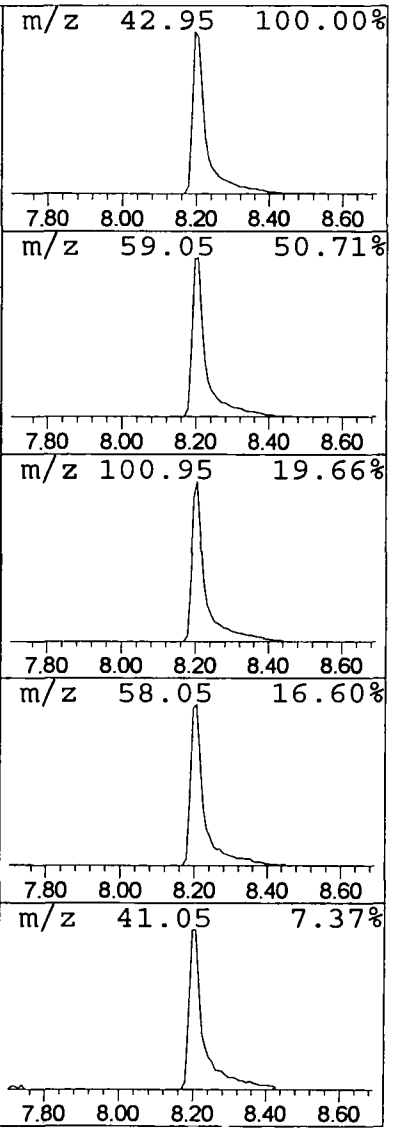
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	5.53 ug/l	801148	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	56
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8432.D Vial: 21
Acq On : 16 Apr 2002 3:41 am Operator:
Sample : gc/ms scan 4/10 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

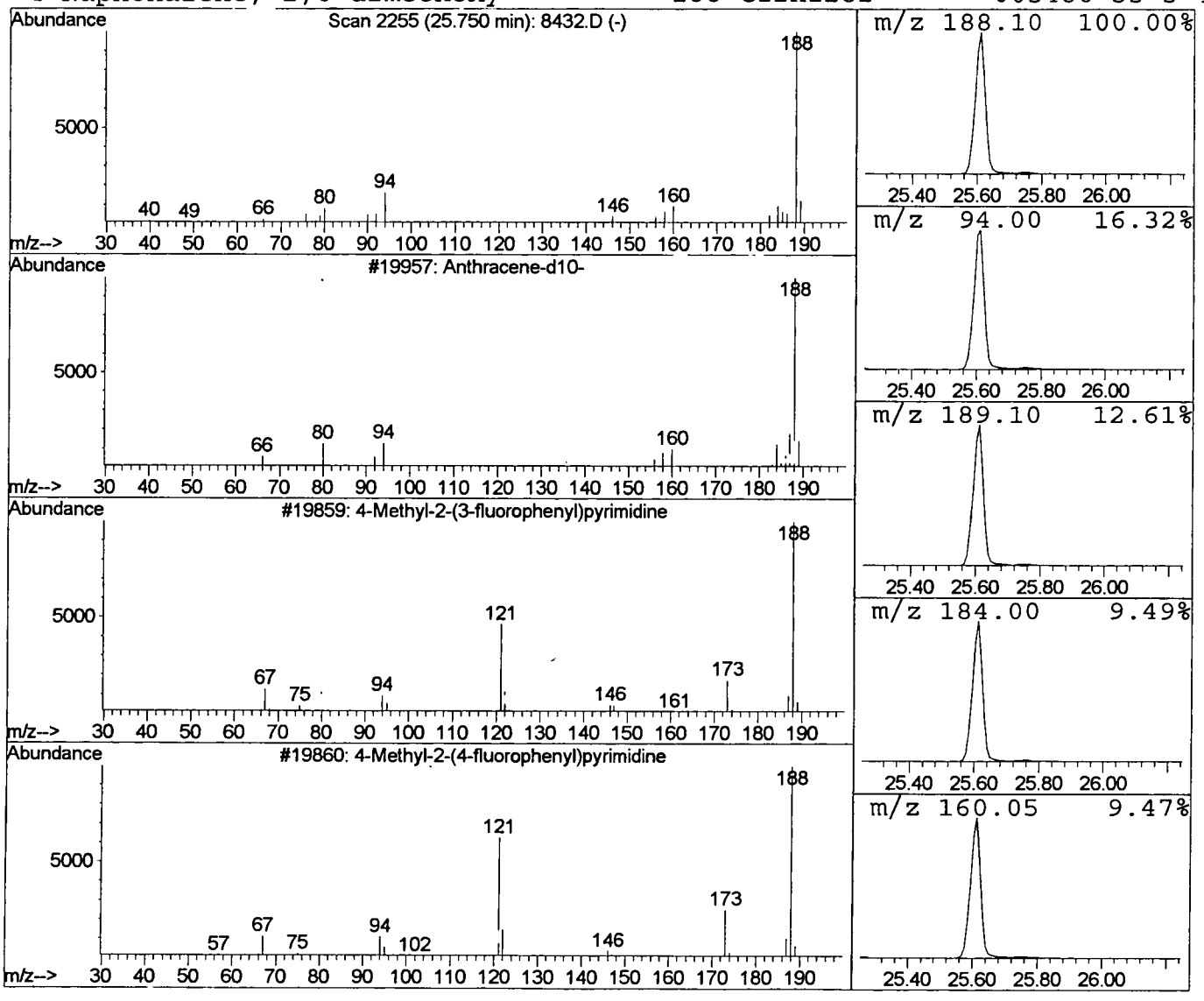
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	0.29 ug/l	56942	Phenanthrene-d10	25.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10	188	C14D10	001719-06-8	91
2	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	50
3	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	50
4	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 3:41 am
Data File: C:\HPCHEM\1\DATA\APR1202\8432.D
Name: gc/ms scan 4/10 fb
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	8.20	5.5	ug/l	801148	ISTD01	12.23	2898390	20.0
Anthracene-d10	25.75	0.3	ug/l	56942	ISTD04	25.61	3978750	20.0

8432.D GCMS0412.M Wed Apr 17 09:47:30 2002