User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:54:21

Sample: AE04800
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:53 Ended: 4/4/02 10:53 Analyst: DLV
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		103		5.0

Comments for Sample AE04800 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:54:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4800.D Vial: 12
Acq On : 28 Mar 2002 7:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:59 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 29 10:31:28 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	471492	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1742259	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1000857	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1427549	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	740482	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	406743	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.72	235	73922	5.16	ug/mL	0.22
Spiked Amount 5.000			Recovery = 103.20%			
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	15.94	128	353	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	22.67	149	203	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)

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

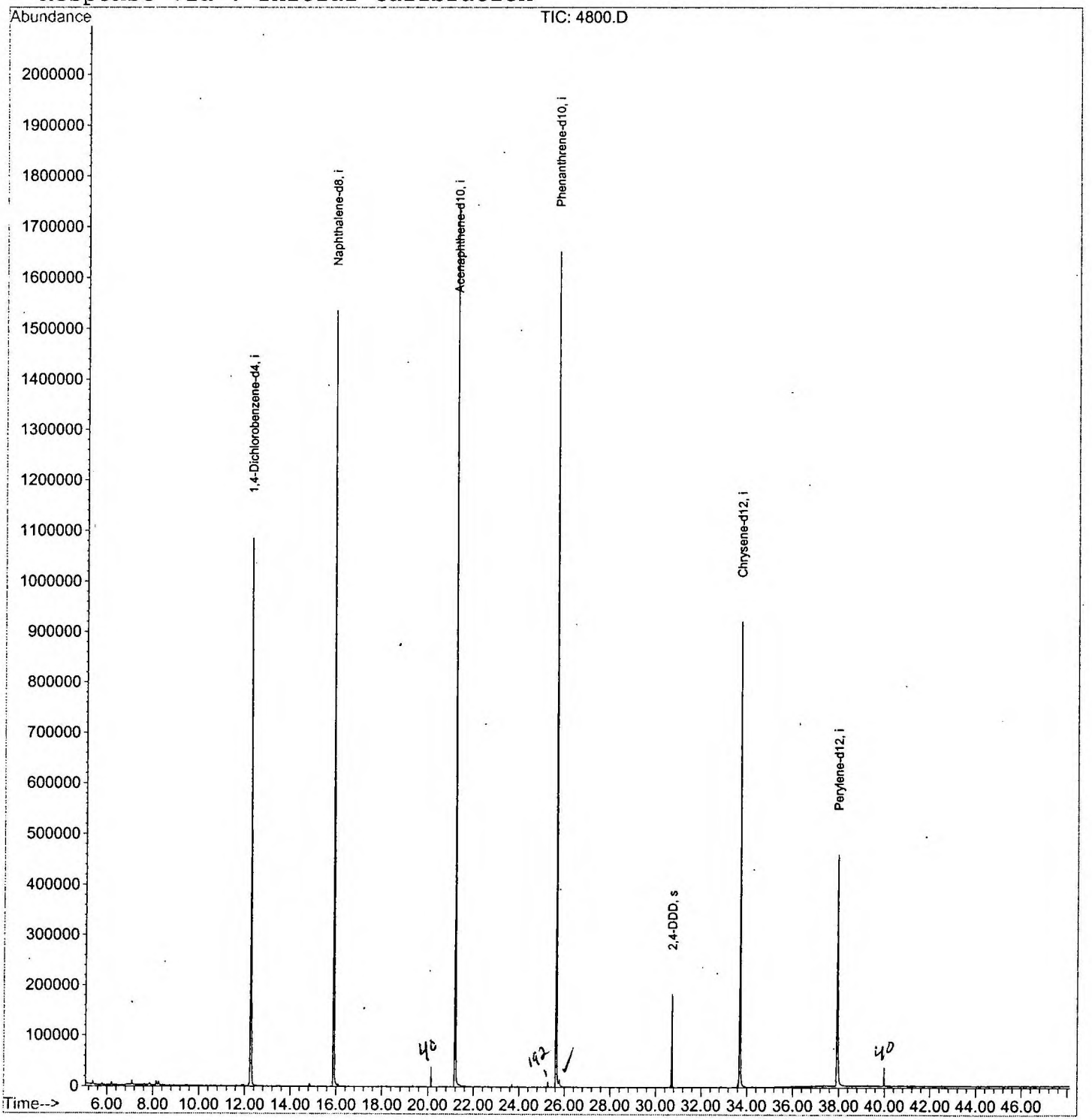
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	410	N.D.	
34)	Anthracene	25.63	178	410	N.D.	
35)	Di-n-butylphthalate	27.60	149	1881	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.69	228	1553	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	1309	N.D.	
43)	Chrysene	33.69	228	1553	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.83	252	324	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	324	N.D.	
48)	Benzo(a)pyrene	37.93	252	1440	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\MAR2802\4800.D Vial: 12
Acq On : 28 Mar 2002 7:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 9:59 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 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4800.D Vial: 12
Acq On : 28 Mar 2002 7:27 pm Operator:
Sample : gc/ms scan 3/4 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

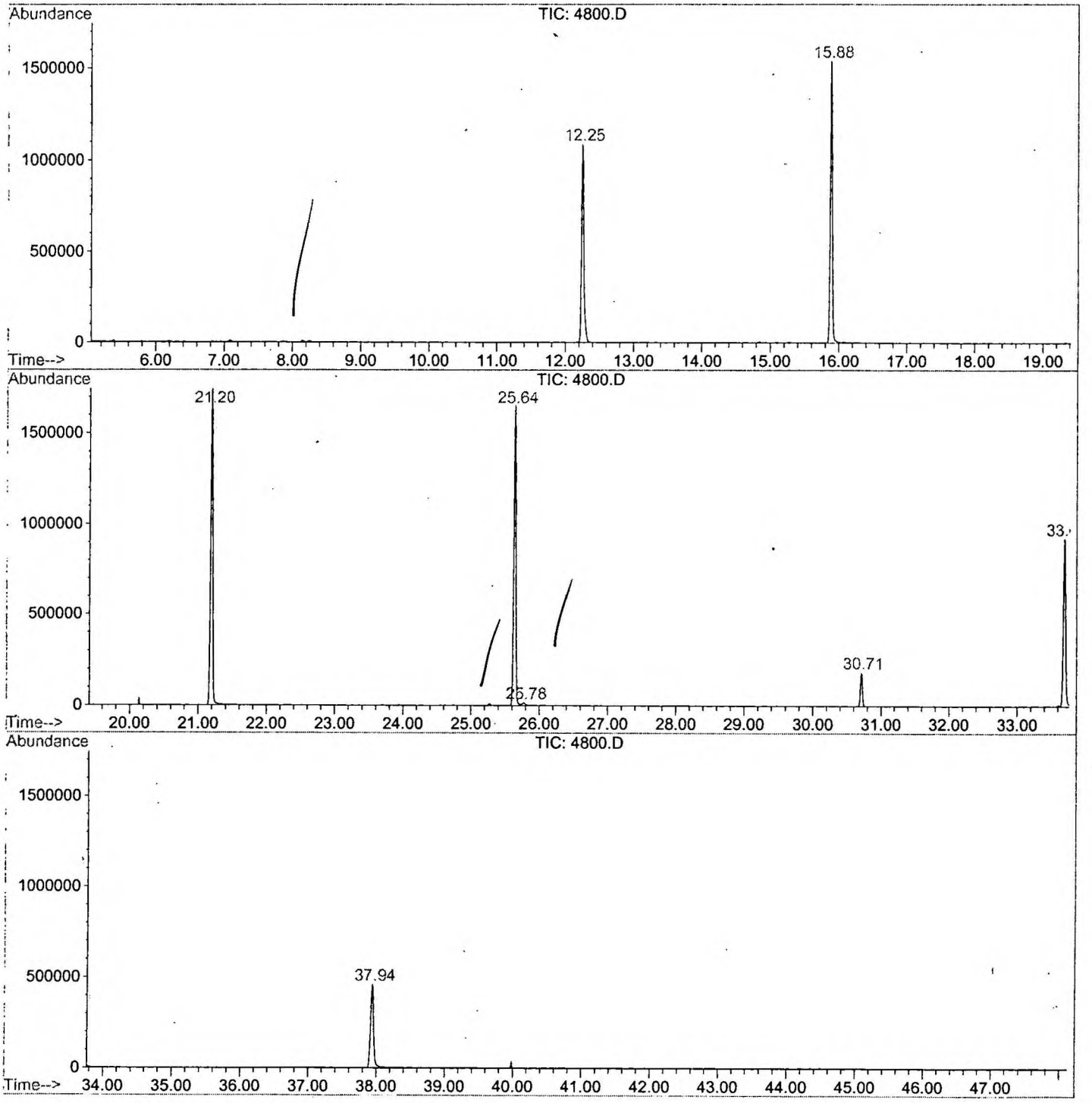
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.246	779	784	800	rVB	1084017	2543467	66.94%	14.865%
2	15.882	1174	1180	1198	rBV	1535280	3302902	86.92%	19.304%
3	21:197	1752	1759	1773	rBV	1745078	3799759	100.00%	22.208%
4	25.640	2236	2243	2253	rBV	1650960	3540923	93.19%	20.695%
5	25.778	2253	2258	2267	rVB	13653	42366	1.11%	0.248%
6	30.708	2790	2795	2804	rBV	184773	367268	9.67%	2.147%
7	33.691	3114	3120	3137	rBV2	920966	2135177	56.19%	12.479%
8	37.942	3575	3583	3598	rBV	457629	1378092	36.27%	8.054%

Sum of corrected areas: 17109954

4800.D GCMS0308.M Mon Apr 01 10:08:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4800.D
Operator :
Acquired : 28 Mar 2002 7:27 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 12
Quant File :GCMS0308.RES (RTE Integrator)



4800.D' GCMS0308.M Mon Apr 01 10:08:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4800.D Vial: 12
Acq On : 28 Mar 2002 7:27 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

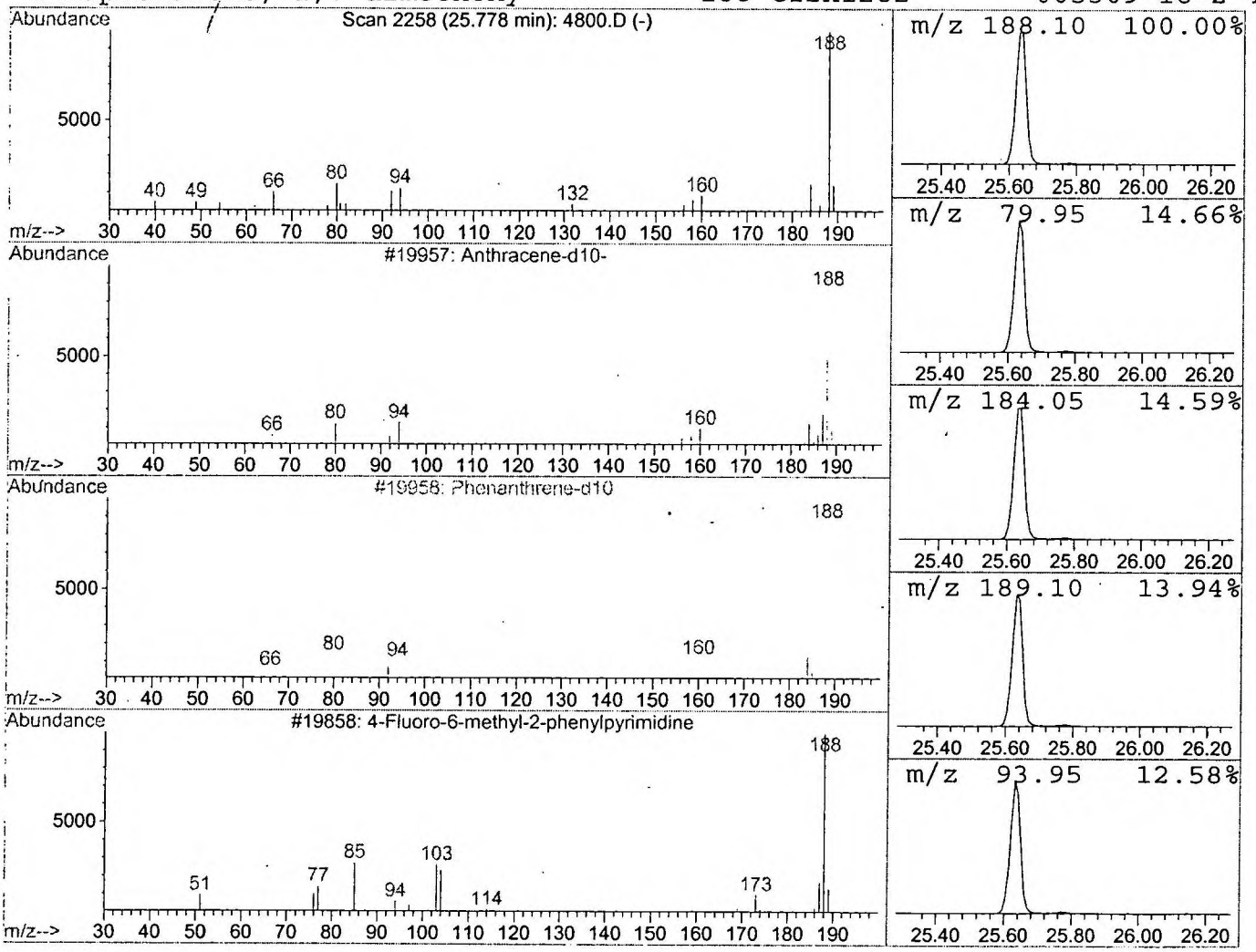
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	0.24 ug/l	42366	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Phenanthrene-d10	188	C14D10	001517-22-2	78
3	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	42
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 28 Mar 2002 7:27 pm
Data File: C:\HPCHEM\1\DATA\MAR2802\4800.D
Name: gc/ms scan 3/4
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
~~Anthracene-d10~~	25.78	0.2	ug/l	42366	ISTD04	25.63	3540920	20.0

4800.D GCMS0308.M Mon Apr 01 10:08:53 2002