User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 12:45:59

Sample: AE04846
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 12:45 Ended: 4/5/02 12:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

Comments for Sample AE04846 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 12:46:17

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\4846.D Vial: 29
Acq On : 1 Apr 2002 5:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 8:14 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	12.25	152	475099	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1750534	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	987893	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1399830	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	687725	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	376412	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	107026	~~7.62~~ 5.80	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~152.40%~~ 116%		
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	311	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	972	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

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Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

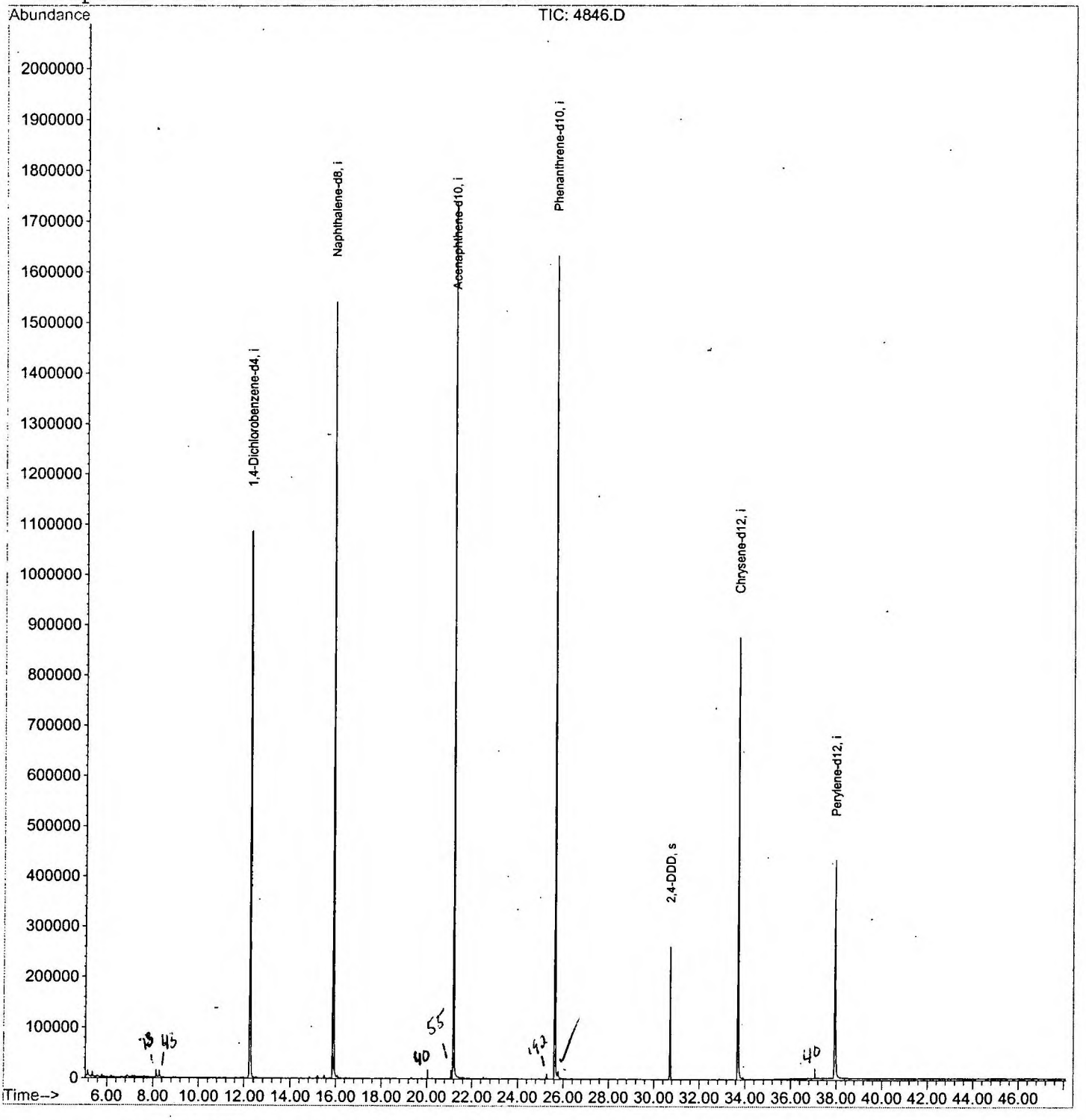
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	338	N.D.	
34)	Anthracene	25.63	178	338	N.D.	
35)	Di-n-butylphthalate	27.60	149	3368	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	199	N.D.	
41)	Benzo(a)anthracene	33.70	228	1523	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2587	N.D.	
43)	Chrysene	33.76	228	503	N.D.	
45)	Di-n-Octylphthalate	35.66	149	174	N.D.	
46)	Benzo(b)fluoranthene	36.77	252	523	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	830	N.D.	
48)	Benzo(a)pyrene	37.74	252	372	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\APR0102\4846.D Vial: 29
Acq On : 1 Apr 2002 5:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 8:14 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\APR0102\4846.D Vial: 29
Acq On : 1 Apr 2002 5:11 pm Operator:
Sample : gc/ms scan 3/11 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

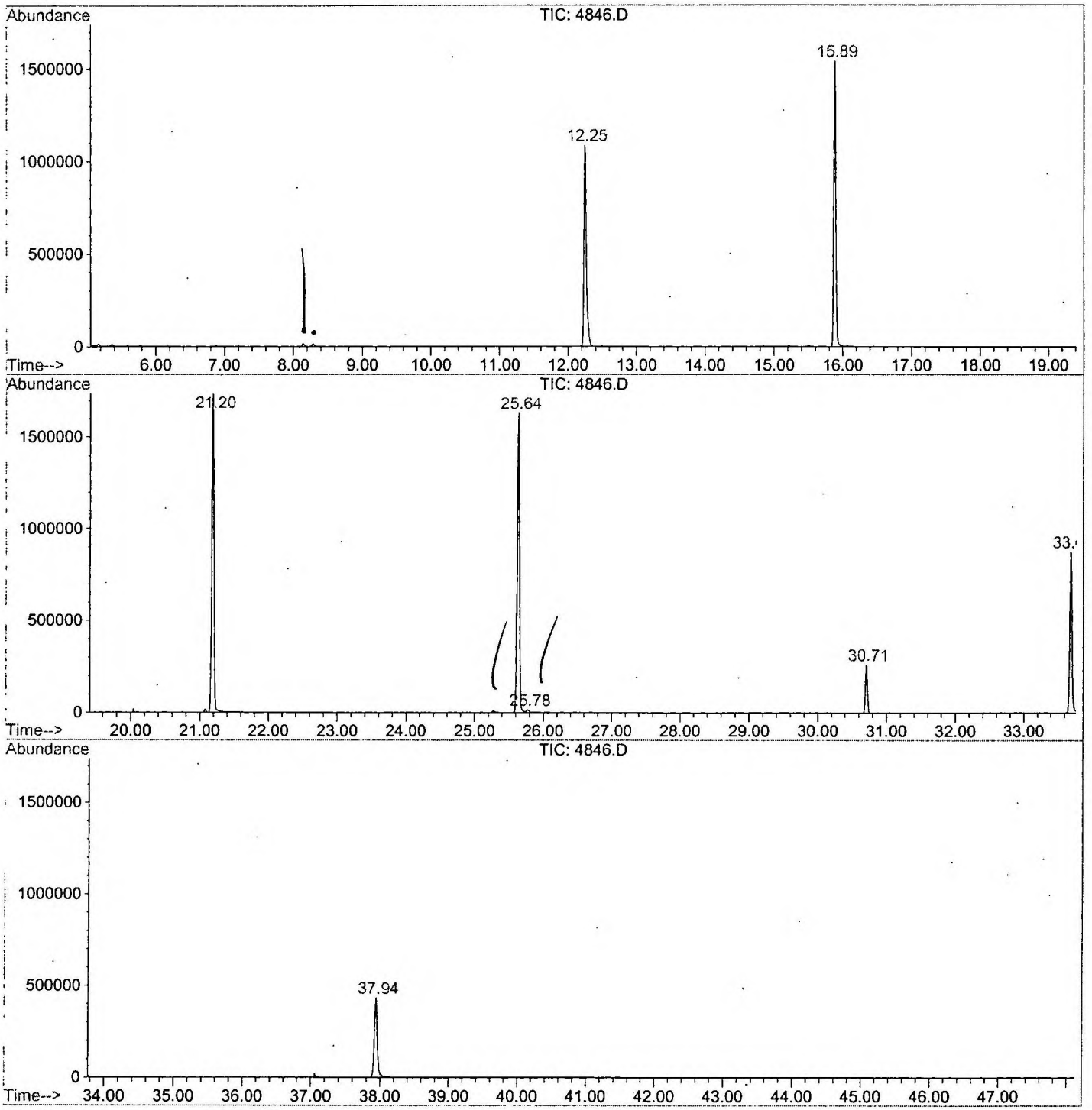
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.245	779	784	799	rVB	1086200	2576721	68.38%	15.118%
2	15.890	1175	1181	1195	rBV	1540773	3303834	87.68%	19.384%
3	21.196	1752	1759	1778	rBV	1739447	3768041	100.00%	22.107%
4	25.640	2236	2243	2254	rBV2	1632492	3542540	94.02%	20.784%
5	25.777	2254	2258	2269	rVB2	14295	39642	1.05%	0.233%
6	30.707	2790	2795	2801	rBV	263669	529712	14.06%	3.108%
7	33.691	3114	3120	3136	rBV2	878149	1999548	53.07%	11.731%
8	37.941	3575	3583	3601	rBV2	432514	1284412	34.09%	7.536%

Sum of corrected areas: 17044450

4846.D GCMS0308.M Tue Apr 02 08:16:34 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\4846.D
Operator :
Acquired : 1 Apr 2002 5:11 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11
Misc Info :
Vial Number: 29
Quant File :GCMS0308.RES (RTE Integrator)



4846.D GCMS0308.M Tue Apr 02 08:16:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\4846.D Vial: 29
Acq On : 1 Apr 2002 5:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

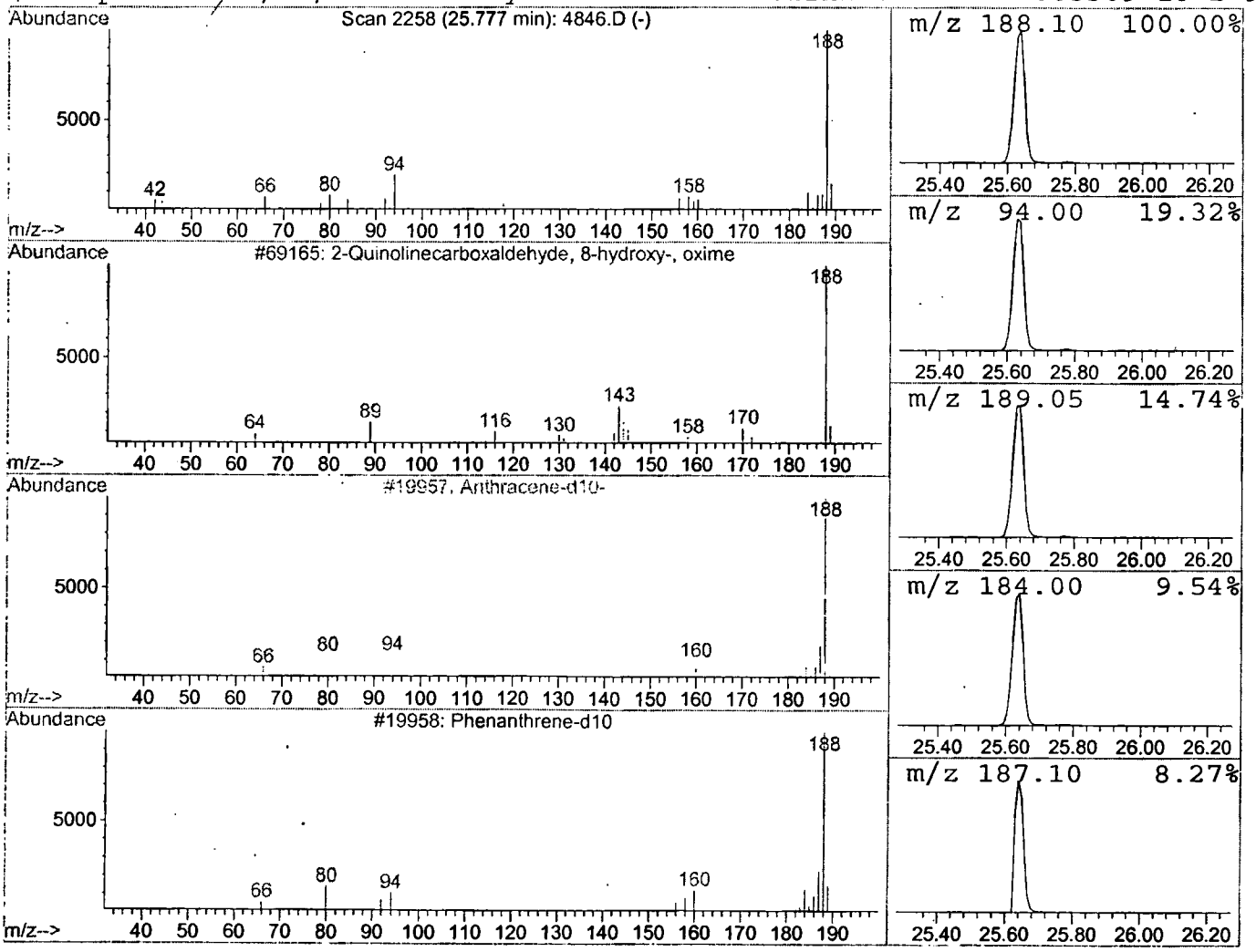
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Quinolinecarboxaldehyde, 8-h Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.78	0.22 ug/l	39642	Phenanthrene-d10	25.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
2	Anthracene-d10-	188	C14D10	001719-06-8	32
3	Phenanthrene-d10	188	C14D10	001517-22-2	32
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 5:11 pm
Data File: C:\HPCHEM\1\DATA\APR0102\4846.D
Name: gc/ms scan 3/11
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
2-Quinolinecarboxald	25.78	0.2	ug/l	39642	ISTD04	25.64	3542540	20.0

4846.D GCMS0308.M Tue Apr 02 08:16:49 2002