User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:06:00

Sample: AE04126
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 12:04 Ended: 4/1/02 12:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Comments for Sample AE04126 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:06:13

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4126.D Vial: 22
Acq On : 23 Mar 2002 4:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:45 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	432683	20.00	ug/l	-0.08
10) Naphthalene-d8	15.90	136	1685837	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	915256	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1377762m	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	858057	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	535829	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	77954	~~6.91~~ 4.22	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~138.20%~~ 84%		
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	15.96	128	364	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	22.69	149	234	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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Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 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	0.00	178	0	N.D.	d
34)	Anthracene	0.00	178	0	N.D.	d
35)	Di-n-butylphthalate	27.63	149	9616	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.16	149	231	N.D.	
41)	Benzo(a)anthracene	33.72	228	1769	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	4268	N.D.	
43)	Chrysene	33.72	228	1769	N.D.	
45)	Di-n-Octylphthalate	35.67	149	569	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	486	N.D.	
47)	Benzo(k)fluoranthene	36.86	252	713	N.D.	
48)	Benzo(a)pyrene	37.77	252	393	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

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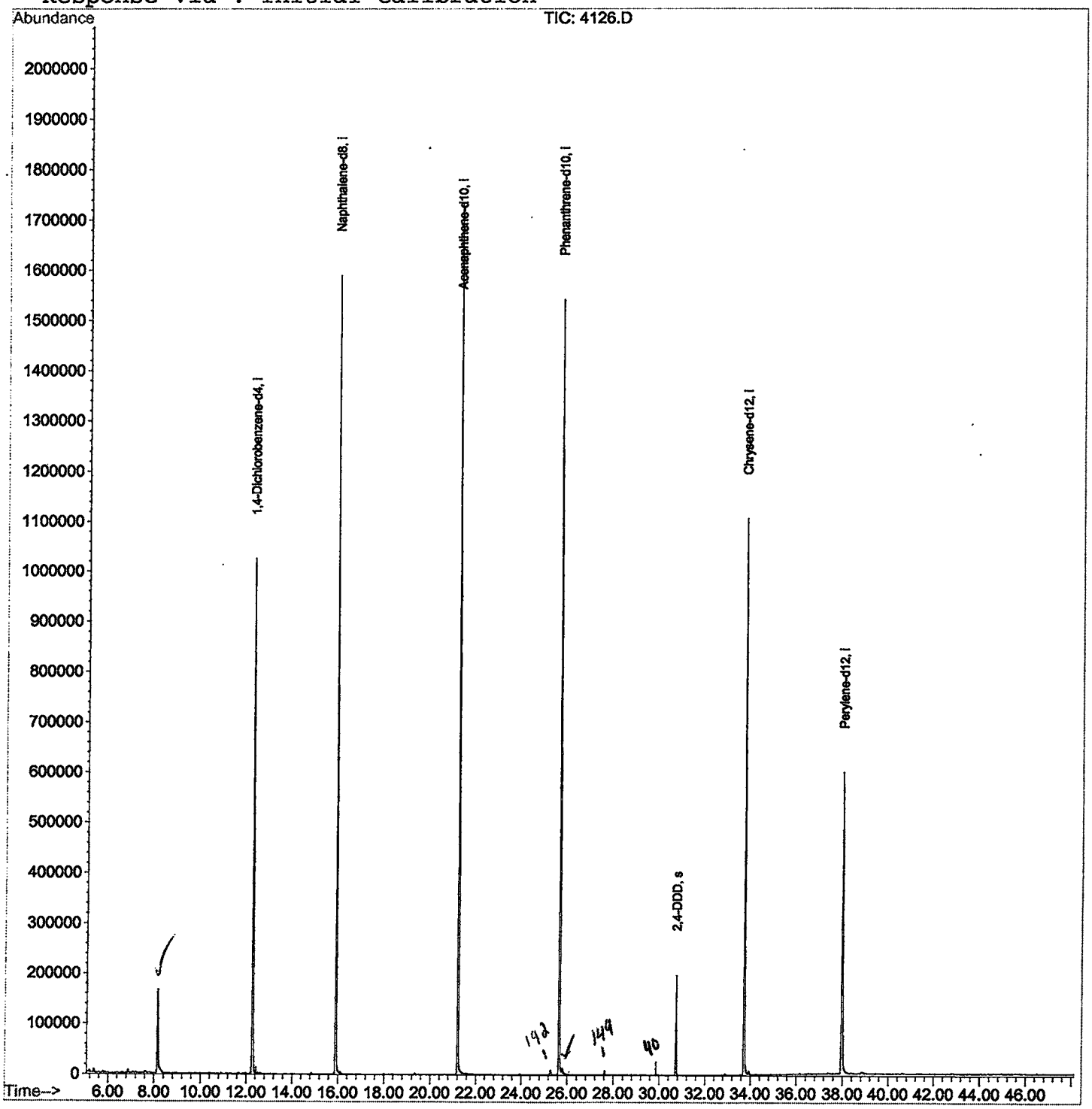
Acq On : 23 Mar 2002 4:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:45 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4126.D Vial: 22
Acq On : 23 Mar 2002 4:45 pm Operator:
Sample : gc/ms scan 2/25 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

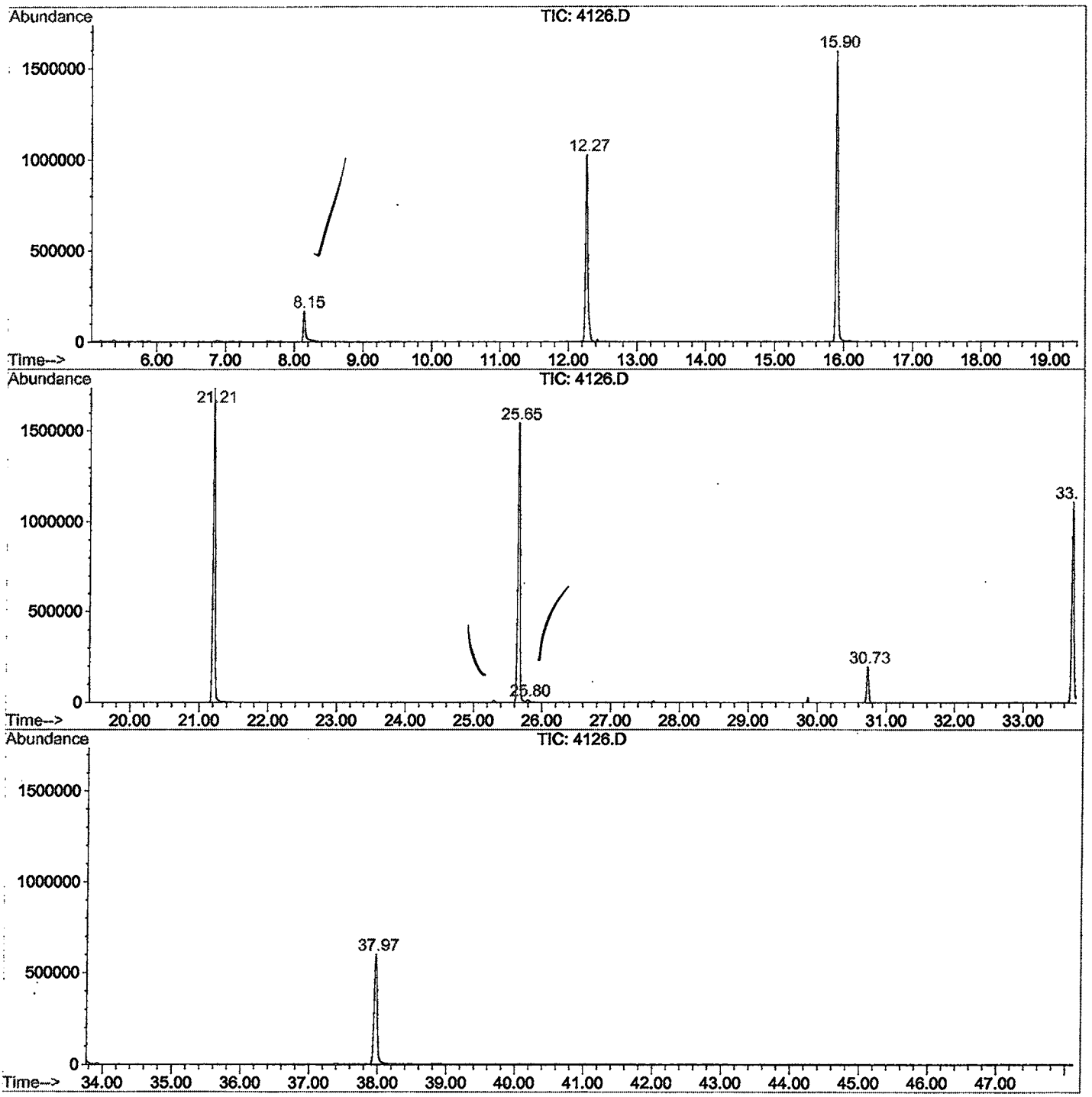
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.146	333	338	362	rVB	165799	412486	11.67%	2.325%
2	12.268	781	787	800	rBV	1023814	2375225	67.20%	13.388%
3	15.904	1177	1183	1200	rBV	1589352	3195657	90.41%	18.012%
4	21.210	1755	1761	1775	rBV	1734900	3534735	100.00%	19.923%
5	25.653	2239	2245	2257	rBV2	1542449	3446778	97.51%	19.427%
6	25.800	2257	2261	2268	rVB2	12230	36317	1.03%	0.205%
7	30.730	2793	2798	2807	rVB	198139	392676	11.11%	2.213%
8	33.723	3116	3124	3138	rBV2	1106773	2515261	71.16%	14.177%
9	37.973	3578	3587	3608	rBV2	596857	1832761	51.85%	10.330%

Sum of corrected areas: 17741896

4126.D GCMS0308.M Wed Mar 27 10:02:07 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4126.D
Operator :
Acquired : 23 Mar 2002 4:45 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 22
Quant File :GCMS0308.RES (RTE Integrator)



4126.D GCMS0308.M Wed Mar 27 10:02:13 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4126.D Vial: 22
Acq On : 23 Mar 2002 4:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

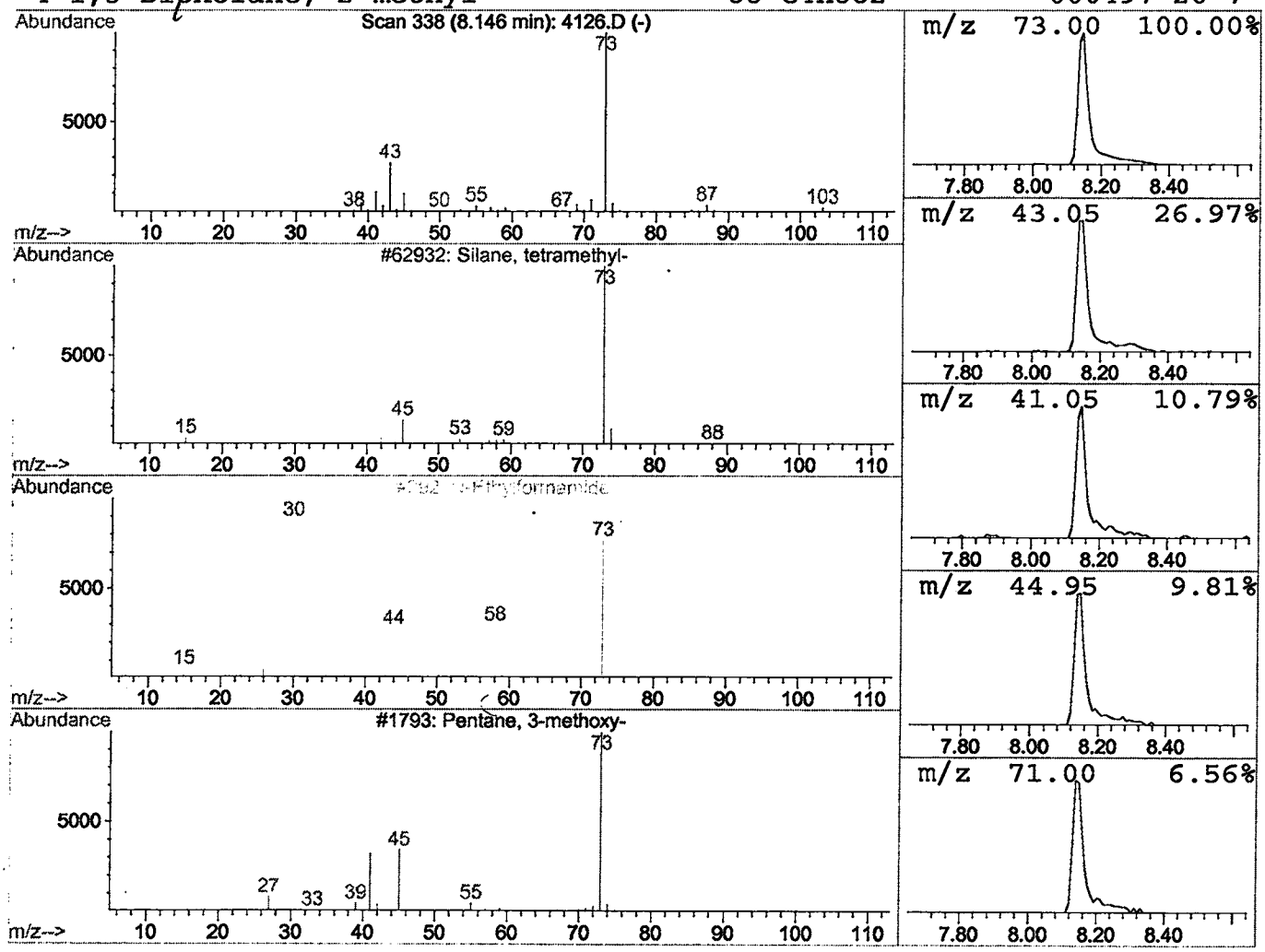
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.47 ug/l	412486	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4126.D Vial: 22
Acq On : 23 Mar 2002 4:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

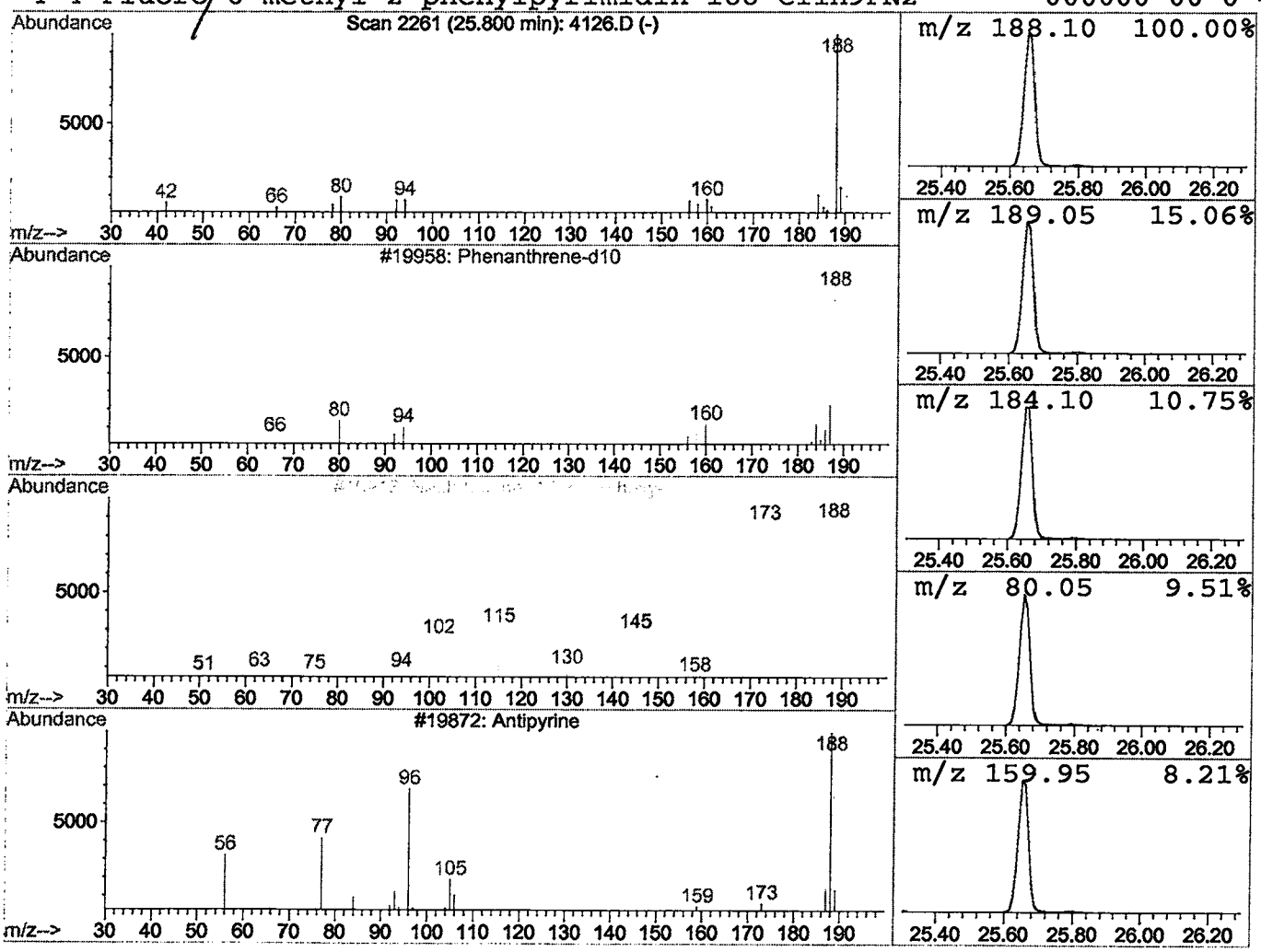
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.21 ug/l	36317	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	50
2	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	42
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 4:45 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4126.D
Name: gc/ms scan 2/25
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
Silane, tetramethyl-	8.15	3.5	ug/l	412486	ISTD01	12.27	2375230	20.0
Phenanthrene-d10	25.80	0.2	ug/l	36317	ISTD04	25.65	3446780	20.0

4126.D GCMS0308.M Wed Mar 27 10:02:26 2002