User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:21:48

Sample: AE04132
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 12:20 Ended: 4/1/02 12:20 Analyst: DLV
Page: 1

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

Comments for Sample AE04132 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:21:51

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\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 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 9:56 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	449339	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1751450	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	948110	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1432080	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	938292	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	590337	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	76785	~~6.55~~ 4.16	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~131.00%~~ 83%		
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	359	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	0.00	149	0	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\MAR2202\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 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 9:56 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

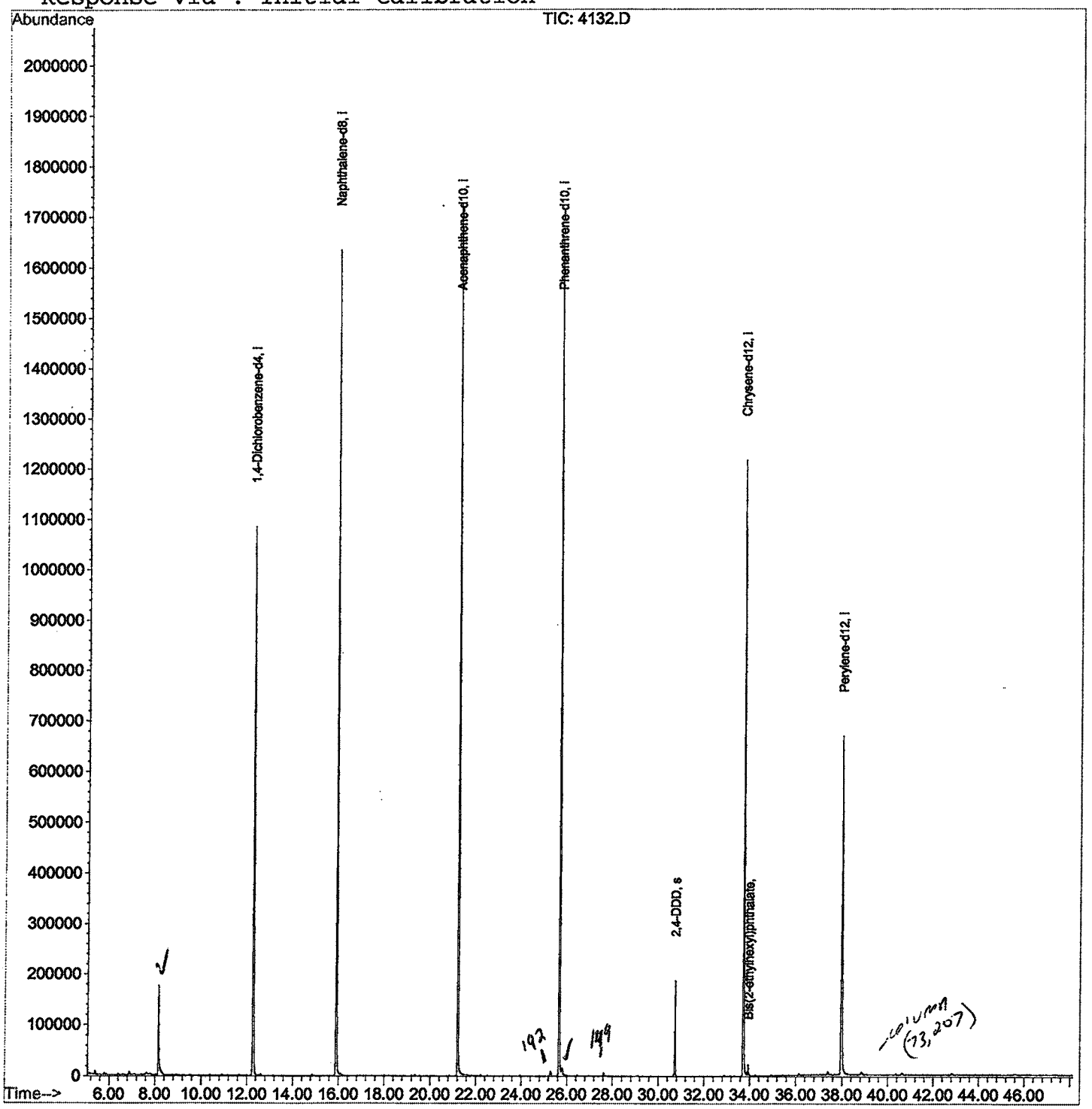
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	405	N.D.	
34)	Anthracene	25.66	178	405	N.D.	
35)	Di-n-butylphthalate	27.63	149	8143	N.D.	
36)	Fluoranthene	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	33.72	228	2097	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	13486	0.36 ug/l #	88
43)	Chrysene	33.72	228	2097	N.D.	
45)	Di-n-Octylphthalate	35.69	149	722	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.98	252	2450	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\MAR2202\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 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 9:56 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\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 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

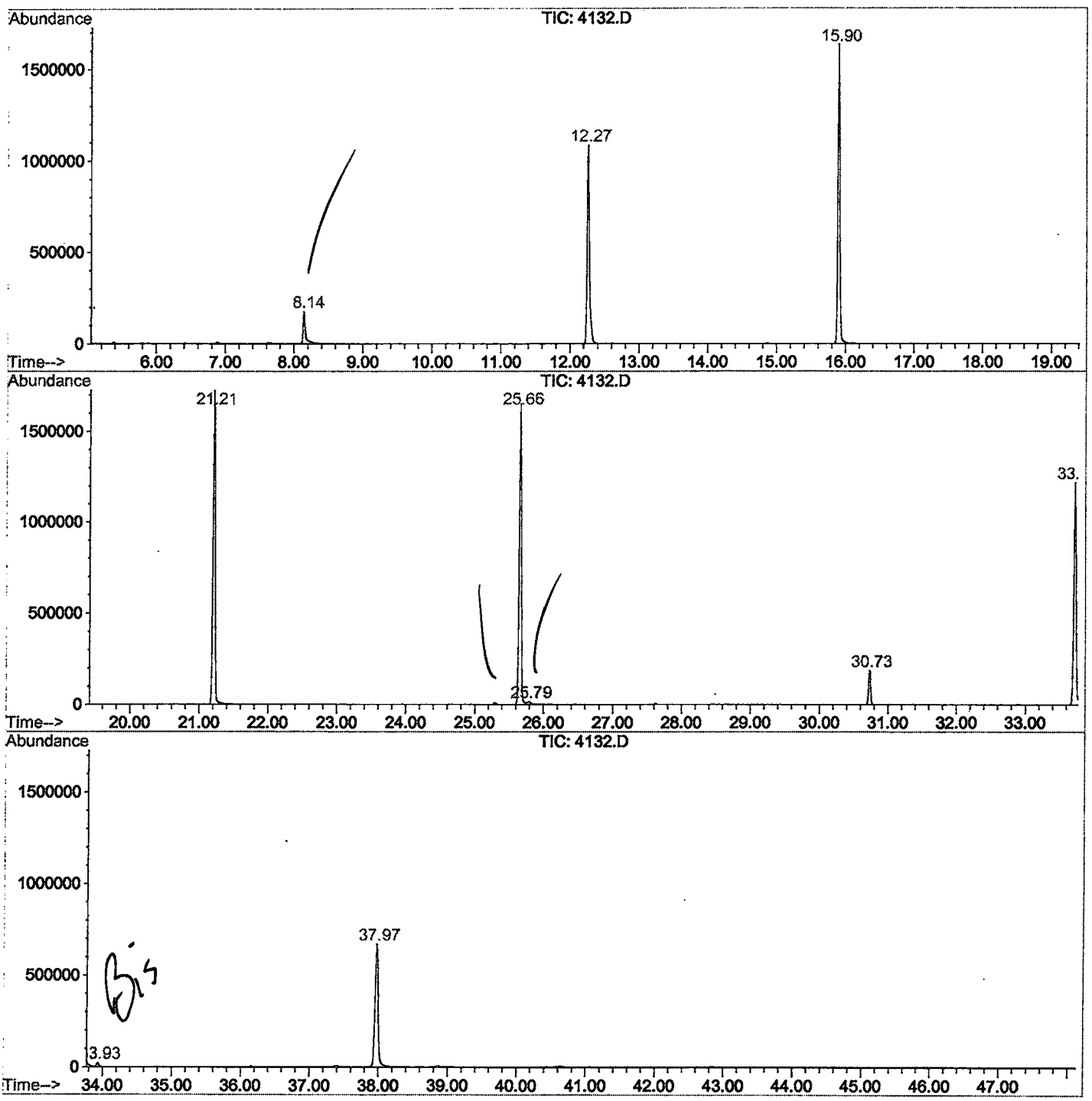
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.145	334	338	363	rVB	174781	420482	11.44%	2.247%
2	12.267	781	787	806	rBV	1083596	2481499	67.52%	13.261%
3	15.902	1177	1183	1197	rBV	1633934	3297063	89.71%	17.619%
4	21.208	1755	1761	1775	rBV	1727345	3675286	100.00%	19.640%
5	25.661	2239	2246	2256	rBV	1652191	3574087	97.25%	19.099%
6	25.789	2256	2260	2265	rVB2	12301	36918	1.00%	0.197%
7	30.728	2793	2798	2806	rBV	186379	381125	10.37%	2.037%
8	33.721	3117	3124	3138	rBV2	1216322	2744319	74.67%	14.665%
9	33.932	3143	3147	3160	rVB	22232	52946	1.44%	0.283%
10	37.972	3577	3587	3607	rBV2	665940	2049277	55.76%	10.951%

Sum of corrected areas: 18713002

4132.D GCMS0308.M Wed Mar 27 10:10:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4132.D
Operator :
Acquired : 23 Mar 2002 10:42 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 28
Quant File :GCMS0308.RES (RTE Integrator)



4132.D GCMS0308.M Wed Mar 27 10:11:03 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

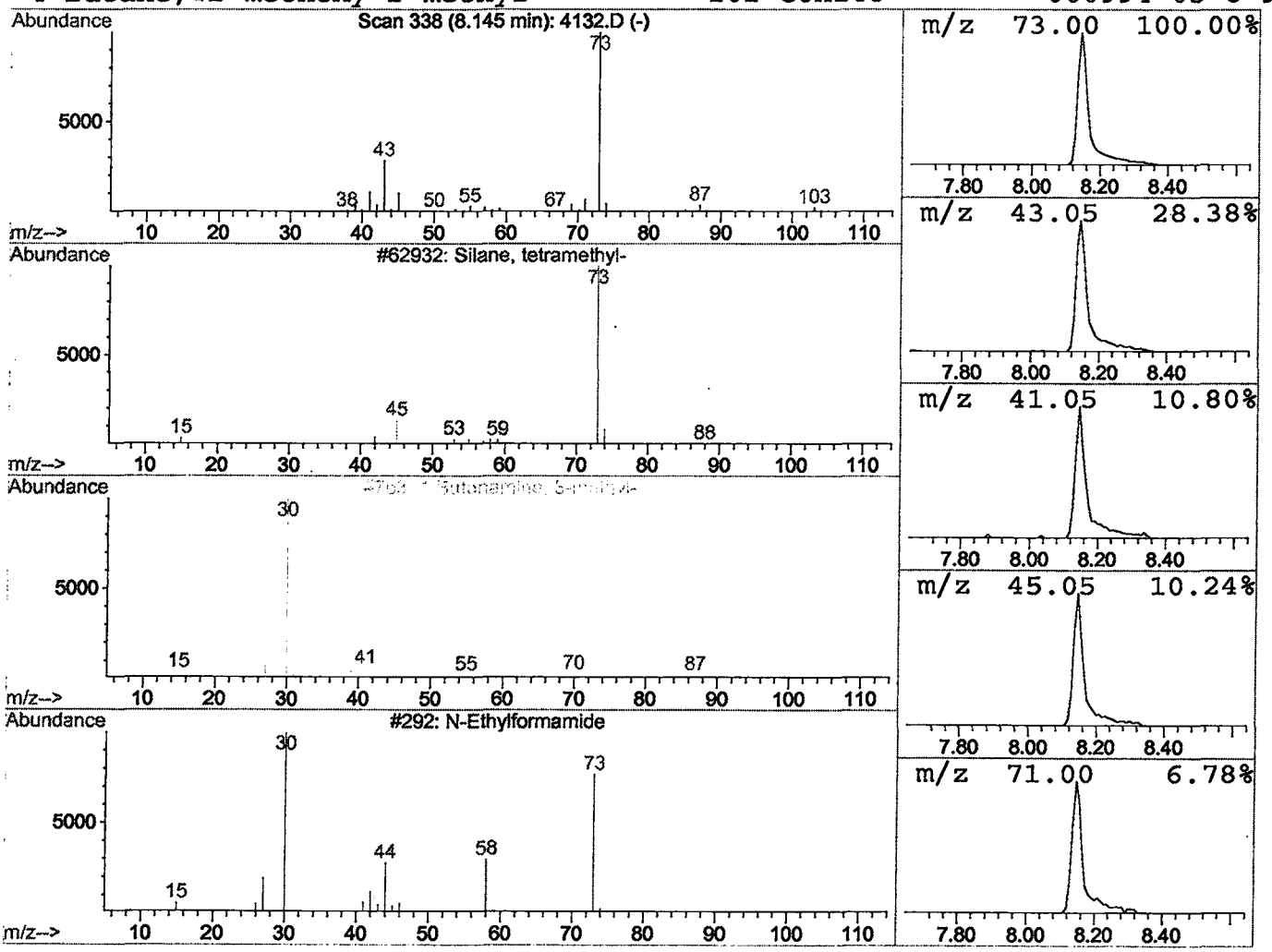
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.39 ug/l	420482	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4132.D Vial: 28
Acq On : 23 Mar 2002 10:42 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

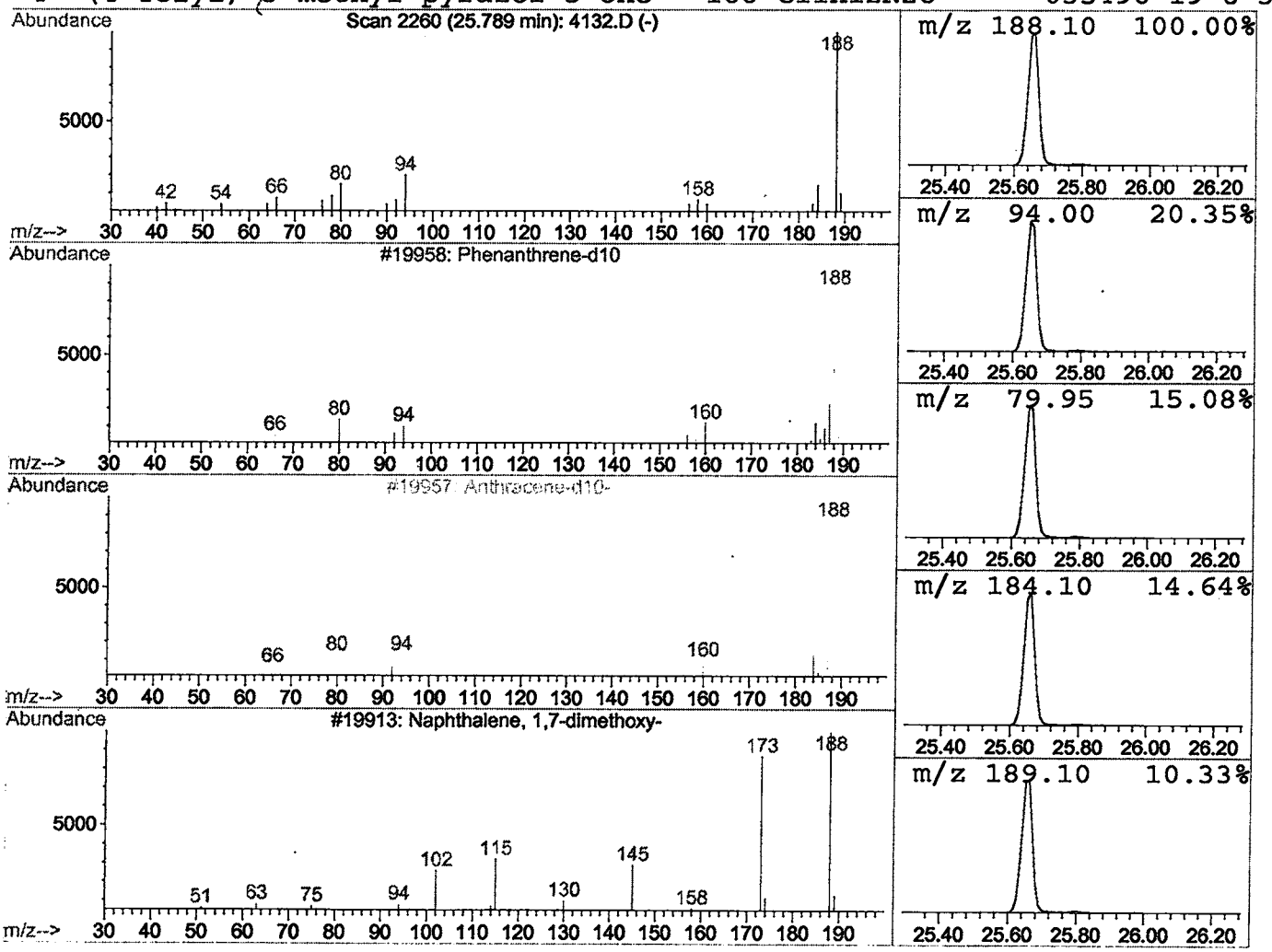
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.79	0.21 ug/l	36918	Phenanthrene-d10	25.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	80
2	Anthracene-d10-	188	C14D10	001719-06-8	56
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 10:42 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4132.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-	8.14	3.4	ug/l	420482	ISTD01	12.27	2481500	20.0
Phenanthrene-d10	25.79	0.2	ug/l	36918	ISTD04	25.66	3574090	20.0

4132.D GCMS0308.M Wed Mar 27 10:11:17 2002