User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 18:14:08

Sample: AE03916
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 18:13 Ended: 3/15/02 18:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AE03916 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 18:14:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3916.D Vial: 78
Acq On : 24 Feb 2002 10:46 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:20 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	261303	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1005050	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.28	164	527510	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	745385	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	521987	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	358972	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	53447	6.87 (4.41)	ug/mL	0.31
Spiked Amount 5.000			Recovery = ~~137.40%~~ 88%			
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	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

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Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

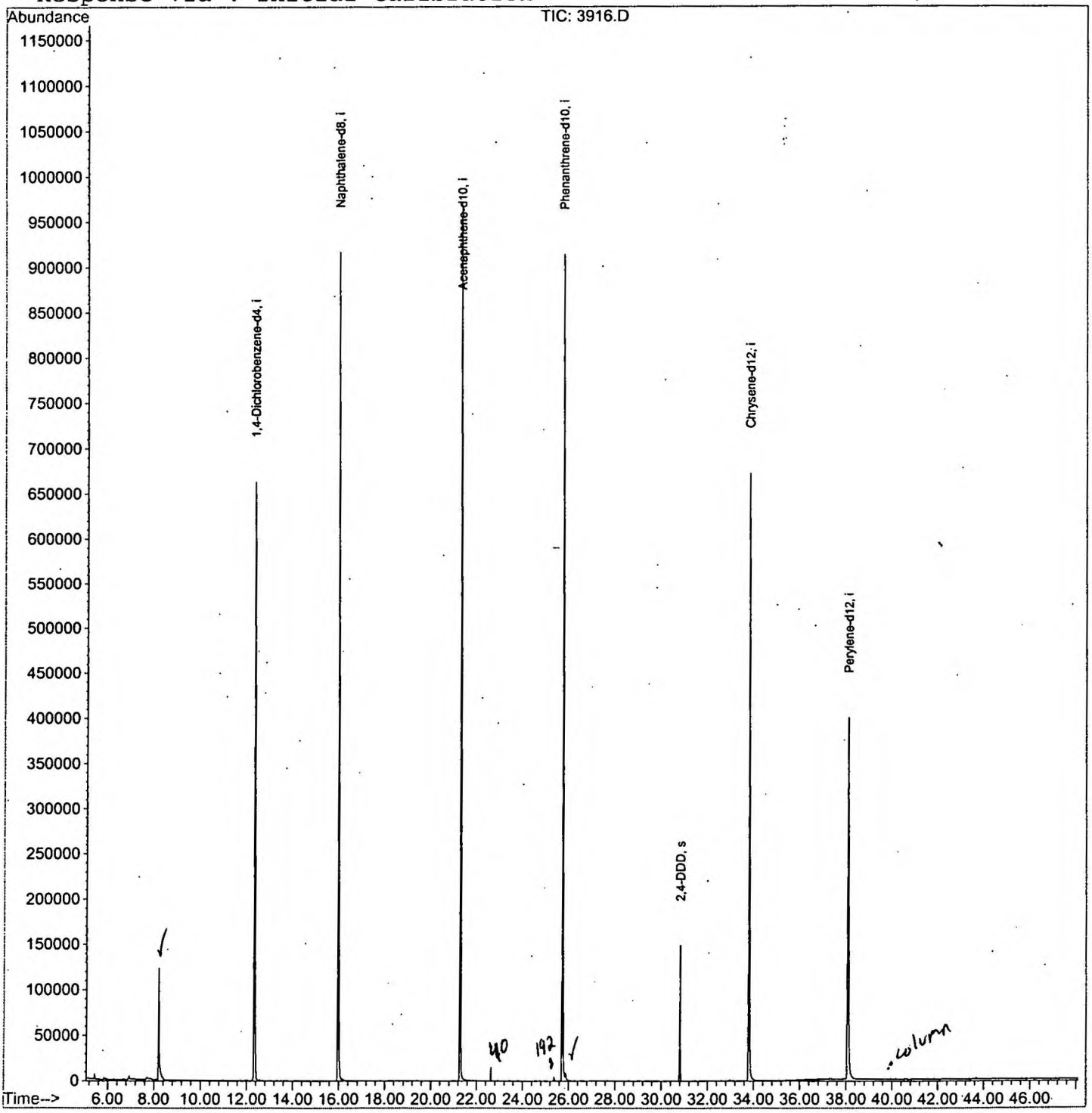
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	0.00	178	0	N.D.	
34) Anthracene	0.00	178	0	N.D.	
35) Di-n-butylphthalate	27.70	149	1070	N.D.	
36) Fluoranthene	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	33.80	228	1199	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.00	149	527	N.D.	
43) Chrysene	33.80	228	1199	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	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	38.08	252	1474	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\FEB2102\3916.D Vial: 78
Acq On : 24 Feb 2002 10:46 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:20 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3916.D Vial: 78
Acq On : 24 Feb 2002 10:46 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

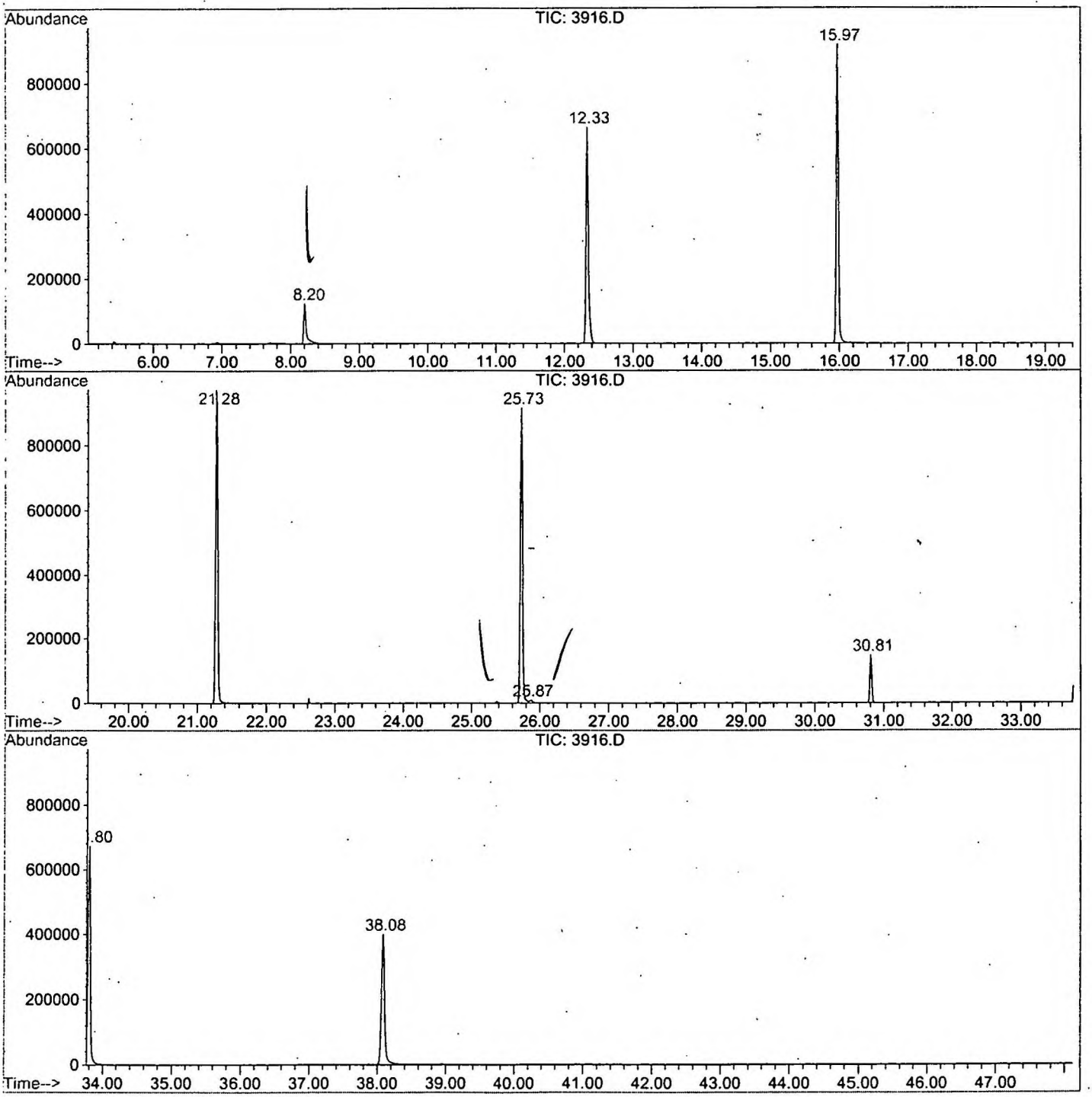
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.198	340	344	369	rBV	122449	313776	14.95%	2.833%
2	12.329	789	794	808	rBV	662415	1516934	72.29%	13.695%
3	15.974	1185	1191	1208	rBV	916782	1971230	93.94%	17.796%
4	21.280	1763	1769	1784	rBV	971903	2098305	100.00%	18.943%
5	25.733	2247	2254	2265	rBV2	914575	1999484	95.29%	18.051%
6	25.870	2265	2269	2276	rVB	7616	23427	1.12%	0.211%
7	30.809	2802	2807	2814	rVB	148907	284532	13.56%	2.569%
8	33.802	3126	3133	3152	rBV	672289	1591617	75.85%	14.369%
9	38.080	3590	3599	3620	rBV2	398982	1277471	60.88%	11.533%

Sum of corrected areas: 11076776

3916.D GCMS0208.M Wed Mar 13 11:37:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3916.D
Operator :
Acquired : 24 Feb 2002 10:46 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22 fb
Misc Info :
Vial Number: 78
Quant File :GCMS0208.RES (RTE Integrator)



3916.D GCMS0208.M Wed Mar 13 11:37:44 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3916.D
Acq On : 24 Feb 2002 10:46 pm
Sample : gc/ms scan 2/22 fb
Misc :
MS Integration Params: LSCINT.P

Vial: 78
Operator:
Inst : GC/MS 209
Multiplr: 1.00

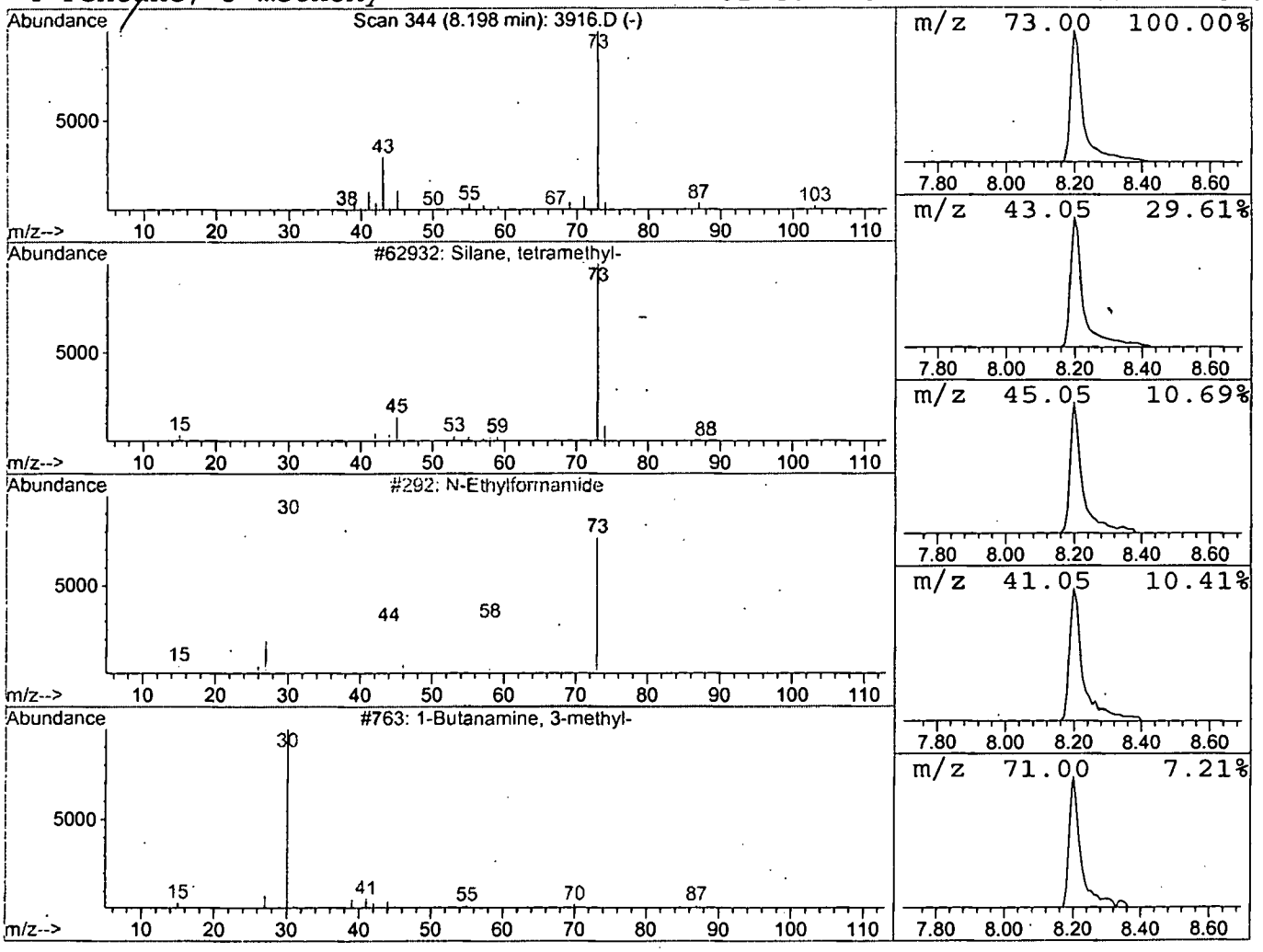
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.14 ug/l	313776	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3916.D Vial: 78
Acq On : 24 Feb 2002 10:46 pm Operator:
Sample : gc/ms scan 2/22 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

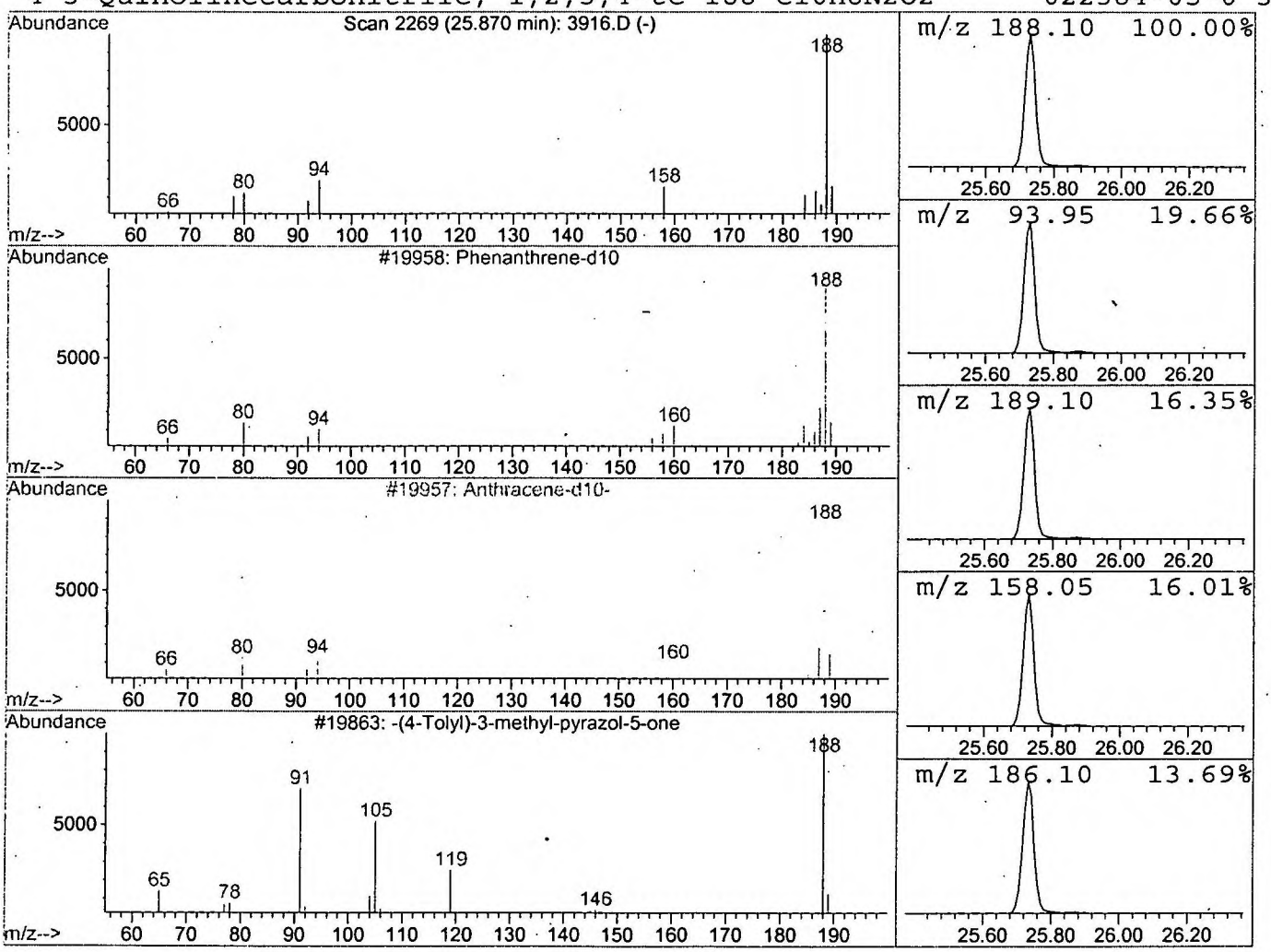
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.23 ug/l	23427	Phenanthrene-d10	25.73

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	50
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	3-Quinolinecarbonitrile, 1,2,3,4-te	188	C10H8N2O2	022384-05-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 10:46 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3916.D
Name: gc/ms scan 2/22 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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-	8.20	4.1	ug/l	313776	ISTD01	12.33	1516930	20.0
Phenanthrene-d10	25.87	0.2	ug/l	23427	ISTD04	25.73	1999480	20.0

3916.D GCMS0208.M Wed Mar 13 11:37:57 2002