User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 11:57:59

Sample: AE03388
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 11:57 Ended: 3/12/02 11:57 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE03388 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 11:58:03

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries of 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:23 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	233674	20.00 ug/l	-0.02
10) Naphthalene-d8	15.97	136	890819	20.00 ug/l	-0.03
17) Acenaphthene-d10	21.28	164	472875	20.00 ug/l	-0.03
29) Phenanthrene-d10	25.74	188	656092	20.00 ug/l	-0.03
38) Chrysene-d12	33.81	240	432126	20.00 ug/l	-0.04
44) Perylene-d12	38.08	264	294091	20.00 ug/l	-0.04
System Monitoring Compounds					
37) 2,4-DDD	30.81	235	45329	~~6.62~~ 3.73 ug/mL	0.32
Spiked Amount 5.000			Recovery	= ~~132.40%~~ 75%	
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.	
) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
) Diethylphthalate	0.00	149	0	N.D.	
) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
) Fluorene	0.00	166	0	N.D.	
Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	

= qualifier out of range (m) = manual integration
.D GCMS0208.M Fri Mar 08 09:24:26 2002 Page 1

Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:23 2002 Quant Results File: GCMS0208.RES

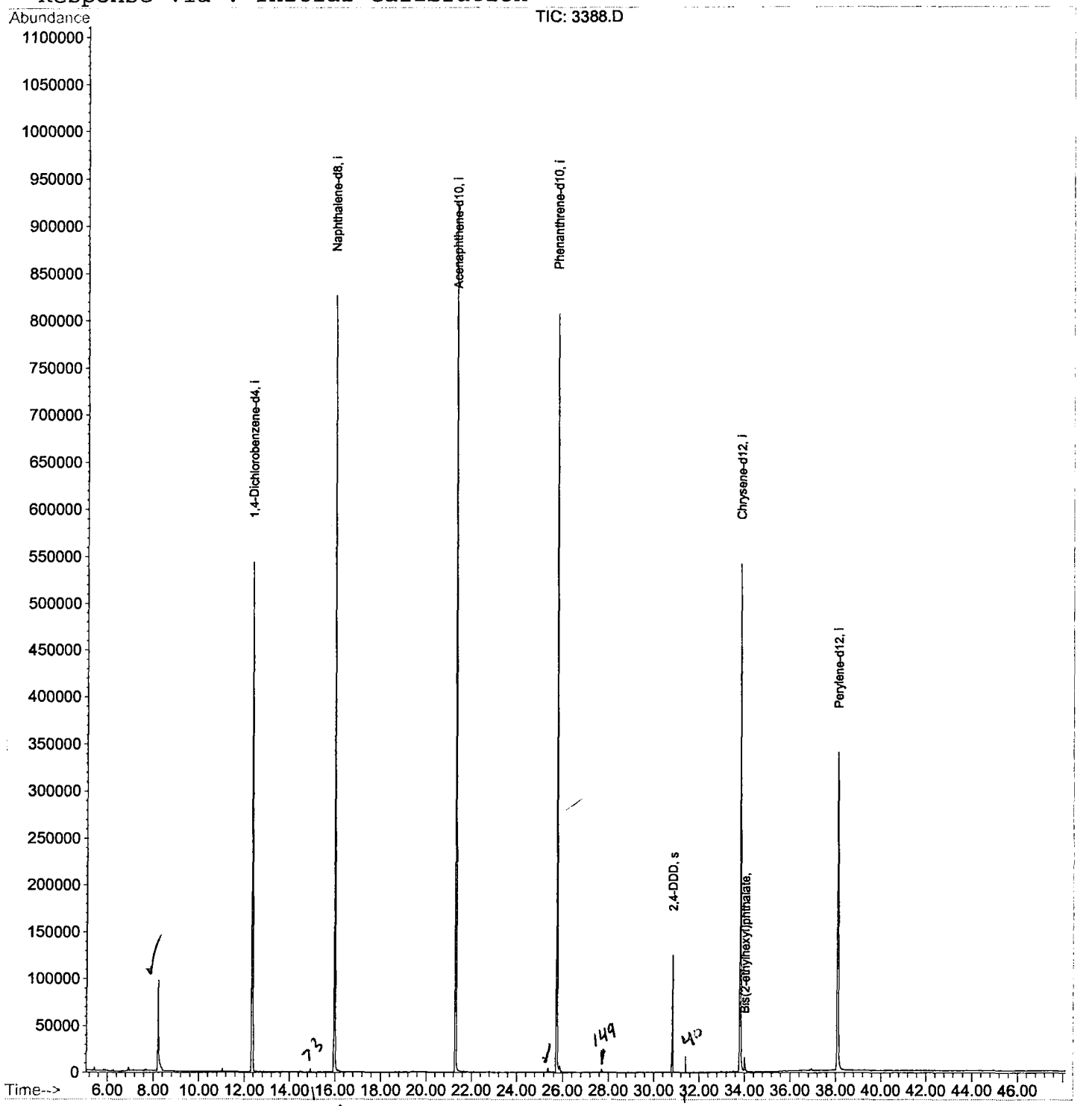
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	5619	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	33.87	228	4443	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	13312	0.47 ug/l	99
43)	Chrysene	33.87	228	4443	N.D.	
45)	Di-n-Octylphthalate	35.76	149	1897	N.D.	
46)	Benzo(b)fluoranthene	36.95	252	5261	N.D.	
47)	Benzo(k)fluoranthene	36.95	252	5261	N.D.	
48)	Benzo(a)pyrene	37.88	252	1308	N.D.	
49)	Indeno(1,2,3-cd)pyrene	42.30	276	301	N.D.	
50)	Dibenz(a,h)anthracene	42.36	278	657	N.D.	
51)	Benzo(g,h,i)perylene	43.57	276	660	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 8 9:23 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



Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 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

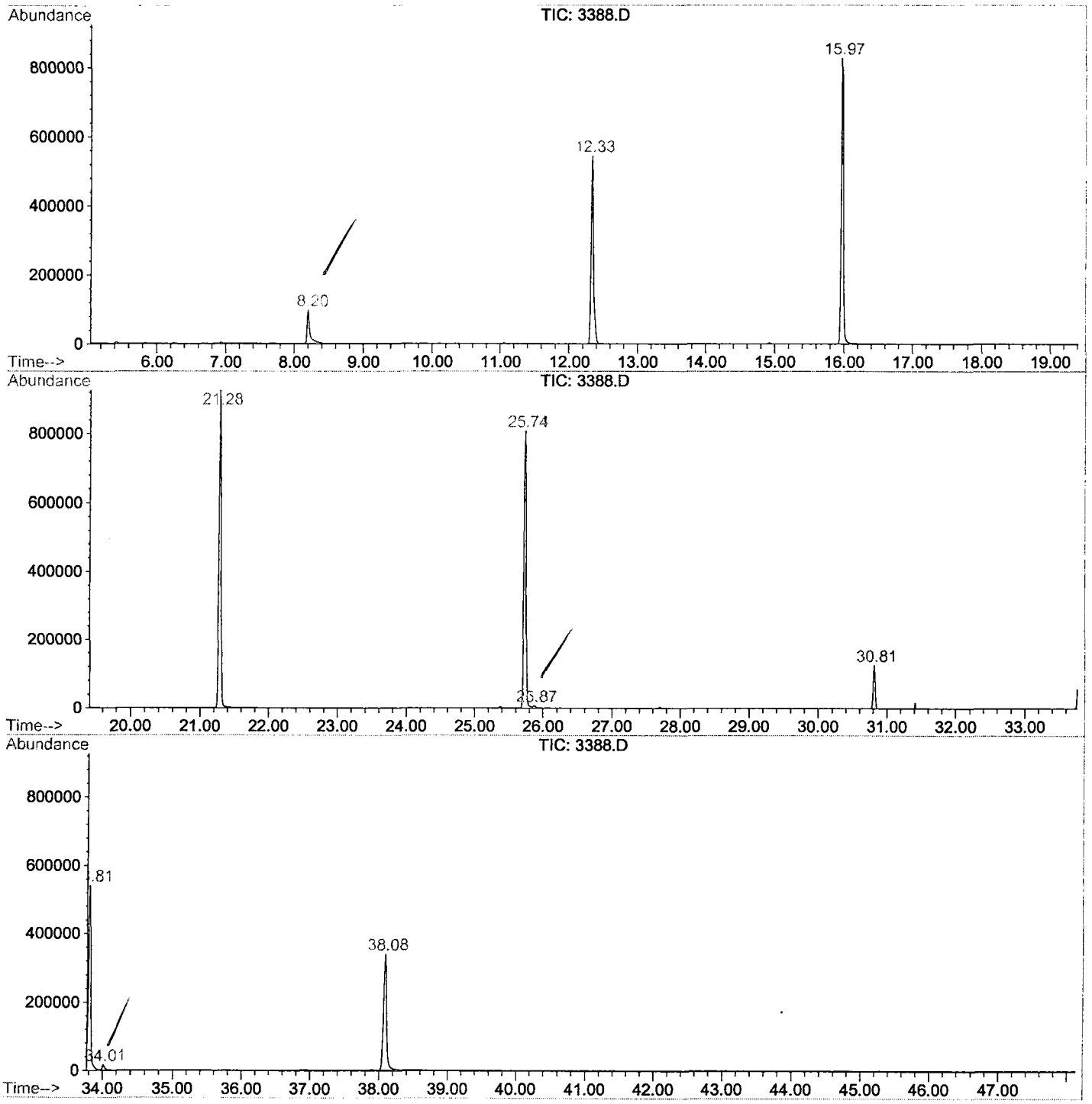
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.202	339	344	369	rBV	96863	271822	14.33%	2.813%
2	12.333	788	794	806	rBV	543222	1346330	70.95%	13.931%
3	15.969	1184	1190	1206	rBV	826148	1754096	92.44%	18.151%
4	21.284	1763	1769	1784	rBV	925765	1897483	100.00%	19.634%
5	25.737	2247	2254	2265	rBV2	807123	1757263	92.61%	18.183%
6	25.874	2265	2269	2277	rVB	6492	19844	1.05%	0.205%
7	30.813	2802	2807	2814	rVB	124863	239707	12.63%	2.480%
8	33.806	3126	3133	3149	rBV2	539908	1306519	68.86%	13.519%
9	34.008	3151	3155	3164	rVB	14822	35787	1.89%	0.370%
10	38.084	3590	3599	3615	rBV2	338467	1035315	54.56%	10.713%

Sum of corrected areas: 9664166

3388.D GCMS0208.M Fri Mar 08 09:44:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3388.D
Operator :
Acquired : 23 Feb 2002 5:22 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 50
Quant File :GCMS0208.RES (RTE Integrator)



3388.D GCMS0208.M Fri Mar 08 09:45:05 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

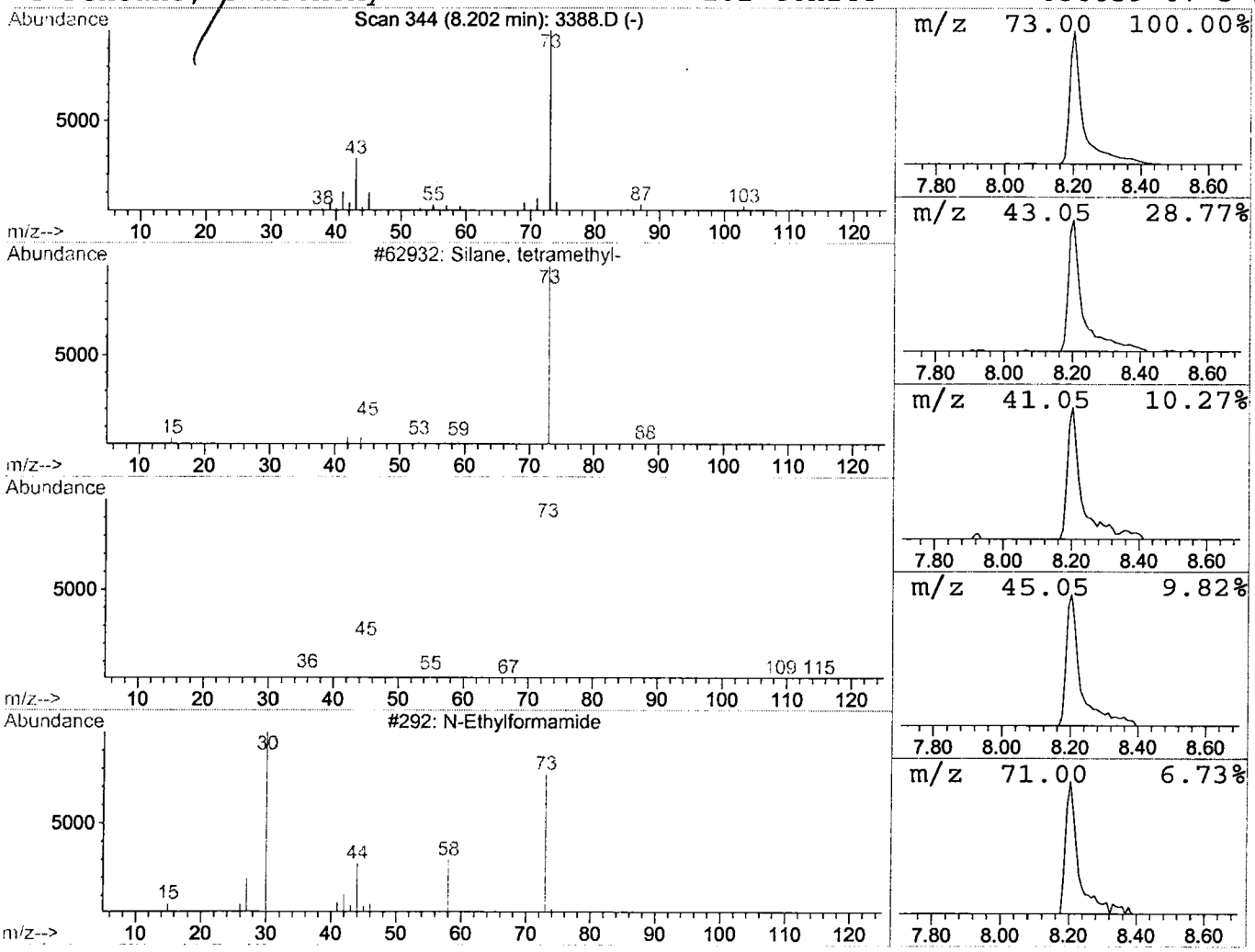
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.04 ug/l	271822	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	40
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Data File : C:\HPCHEM\1\DATA\FEB2102\3388.D Vial: 50
Acq On : 23 Feb 2002 5:22 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

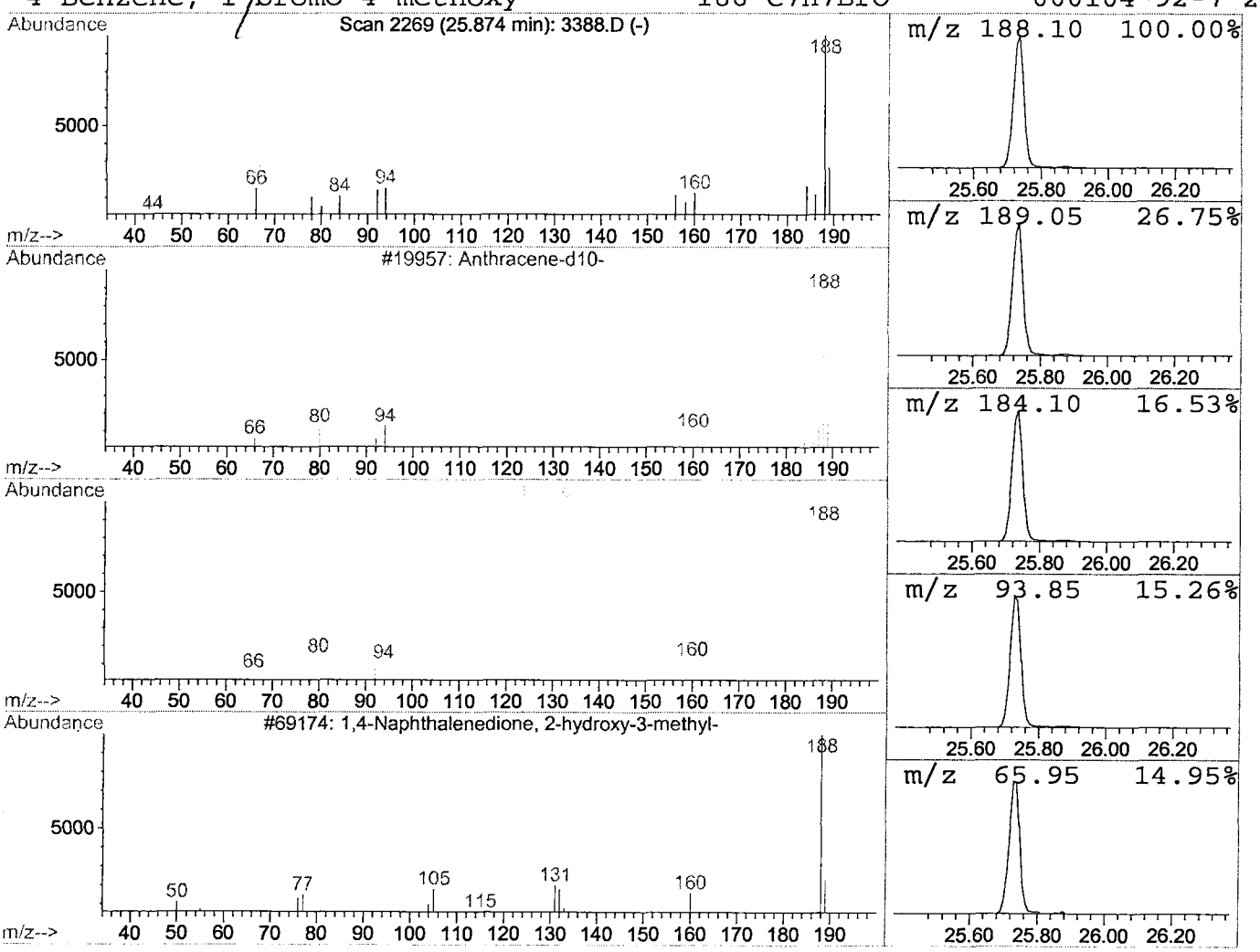
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.23 ug/l	19844	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	64
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	1,4-Naphthalenedione, 2-hydroxy-3-m	188	C11H8O3	000483-55-6	40
4	Benzene, 1-bromo-4-methoxy-	186	C7H7BrO	000104-92-7	23



Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 23 Feb 2002 5:22 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3388.D
Name: gc/ms scan 1/14
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	4.0	ug/l	271822	ISTD01	12.33	1346330	20.0
Anthracene-d10-	25.87	0.2	ug/l	19844	ISTD04	25.74	1757260	20.0

3388.D GCMS0208.M Fri Mar 08 09:45:19 2002