User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 18:20:44

Sample: AE04026
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 18:20 Ended: 3/15/02 18:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AE04026 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 18:20:48

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\4026.D Vial: 81
Acq On : 25 Feb 2002 1:42 am Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:26 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	241496	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	926667	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	494492	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	701842	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	467283	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	303920	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	54010	~~7.37~~ 4.45	ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~147.40%~~ 89%		
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

Quantitation Report (QT Reviewed)

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Last Update : Wed Feb 27 11:30:15 2002
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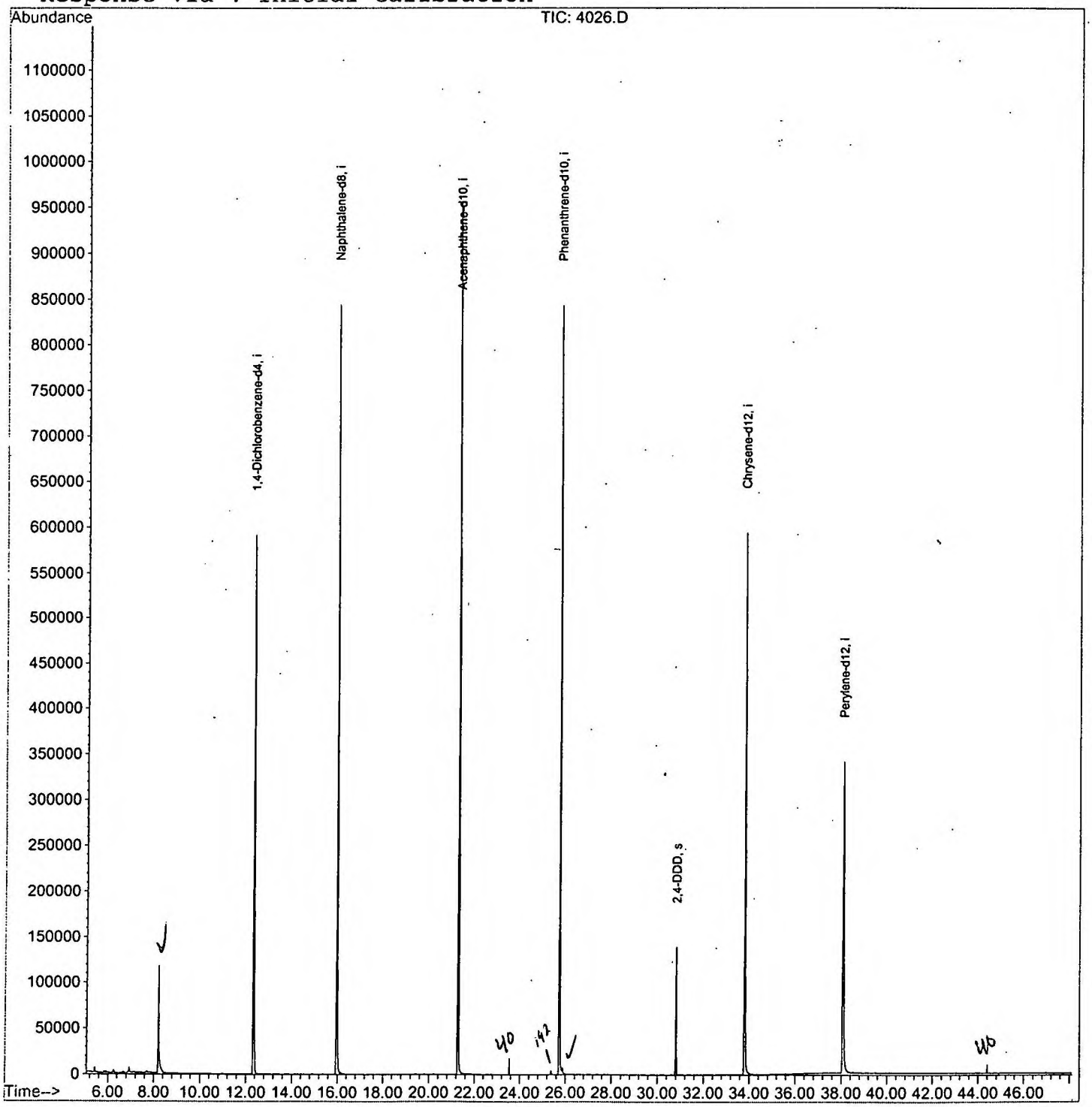
DataAcq Meth : GCMS0208

	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	1440	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	1103	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.02	149	1106	N.D.	
43)	Chrysene	33.80	228	1103	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	38.07	252	1066	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

Data File : C:\HPCHEM\1\DATA\FEB2102\4026.D Vial: 81
Acq On : 25 Feb 2002 1:42 am Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:26 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\4026.D Vial: 81
Acq On : 25 Feb 2002 1:42 am Operator:
Sample : gc/ms scan 2/22 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

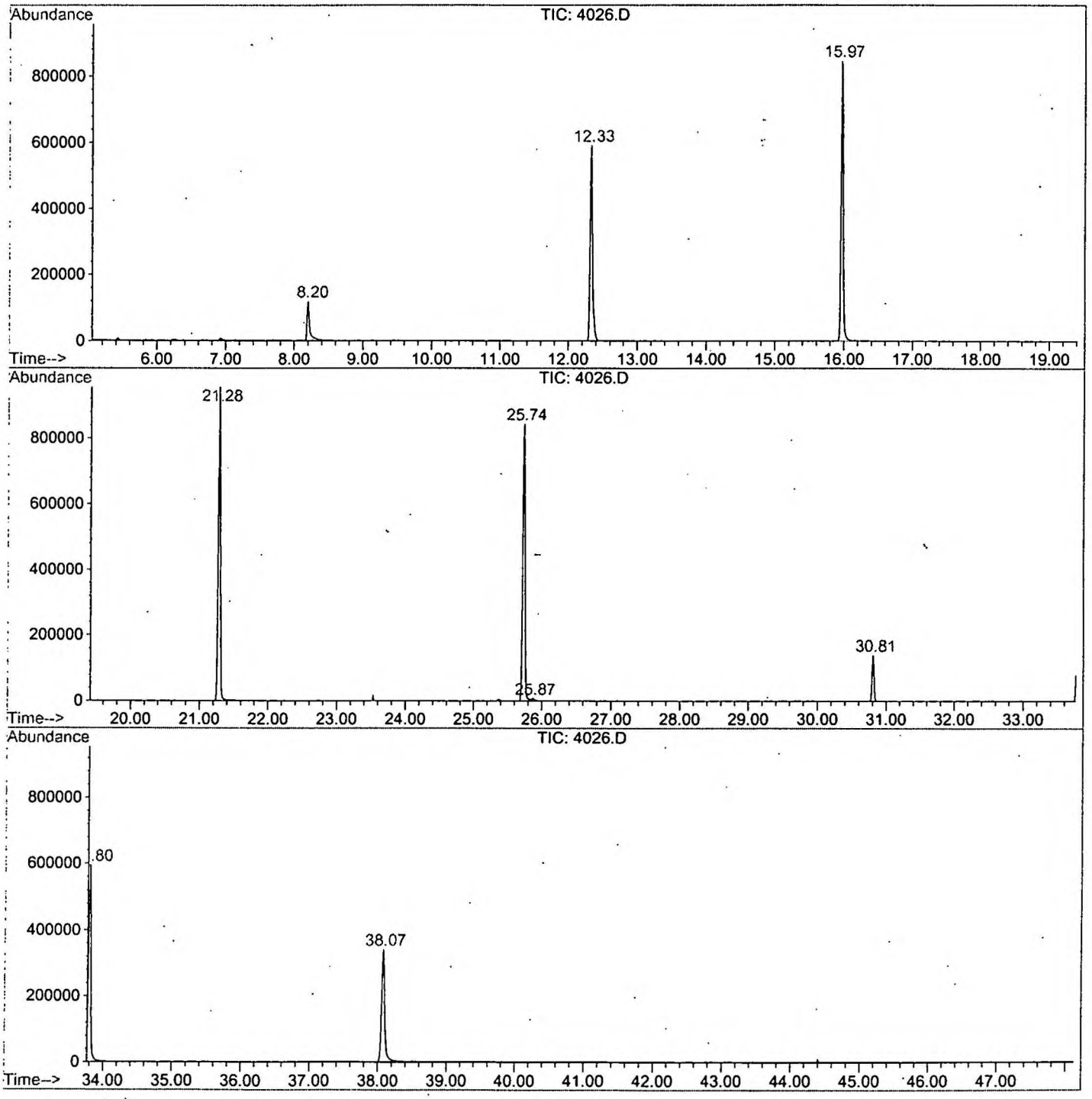
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.201	339	344	362	rBV	117315	299567	15.17%	2.948%
2	12.332	788	794	807	rBV	591077	1396129	70.69%	13.738%
3	15.968	1184	1190	1205	rBV	844282	1825317	92.43%	17.961%
4	21.283	1763	1769	1778	rBV	955775	1974882	100.00%	19.433%
5	25.736	2247	2254	2265	rBV2	843350	1872158	94.80%	18.422%
6	25.873	2265	2269	2277	rVB	7111	20392	1.03%	0.201%
7	30.812	2802	2807	2813	rVB	139717	287966	14.58%	2.834%
8	33.796	3126	3132	3153	rBV2	594264	1421622	71.99%	13.989%
9	38.074	3590	3598	3612	rBV2	339869	1064703	53.91%	10.477%

Sum of corrected areas: 10162736

4026.D GCMS0208.M Wed Mar 13 11:40:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\4026.D
Operator :
Acquired : 25 Feb 2002 1:42 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22
Misc Info :
Vial Number: 81
Quant File :GCMS0208.RES (RTE Integrator)



4026.D GCMS0208.M Wed Mar 13 11:40:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4026.D Vial: 81
Acq On : 25 Feb 2002 1:42 am Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

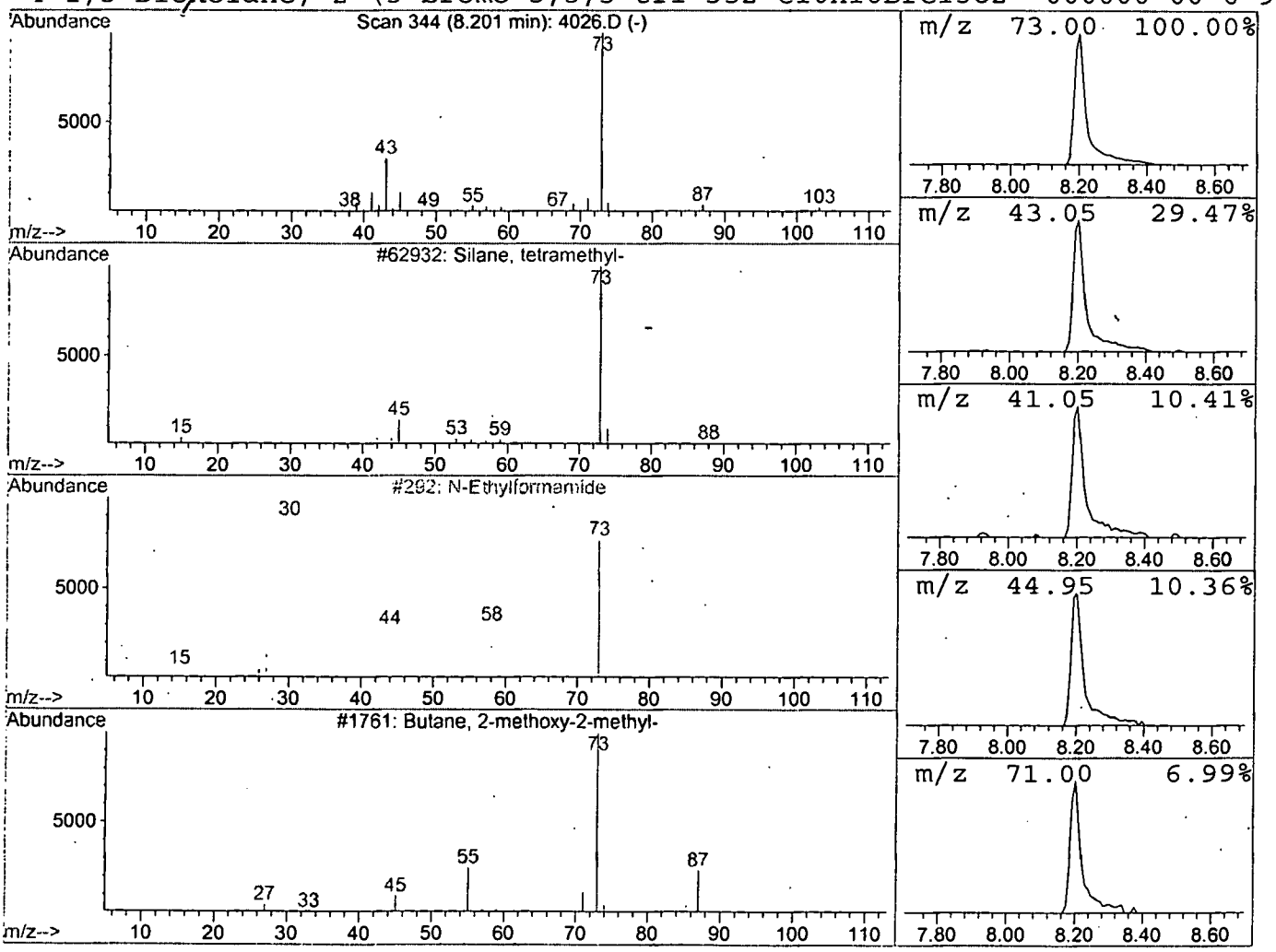
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.29 ug/l	299567	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Data File : C:\HPCHEM\1\DATA\FEB2102\4026.D Vial: 81
Acq On : 25 Feb 2002 1:42 am Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

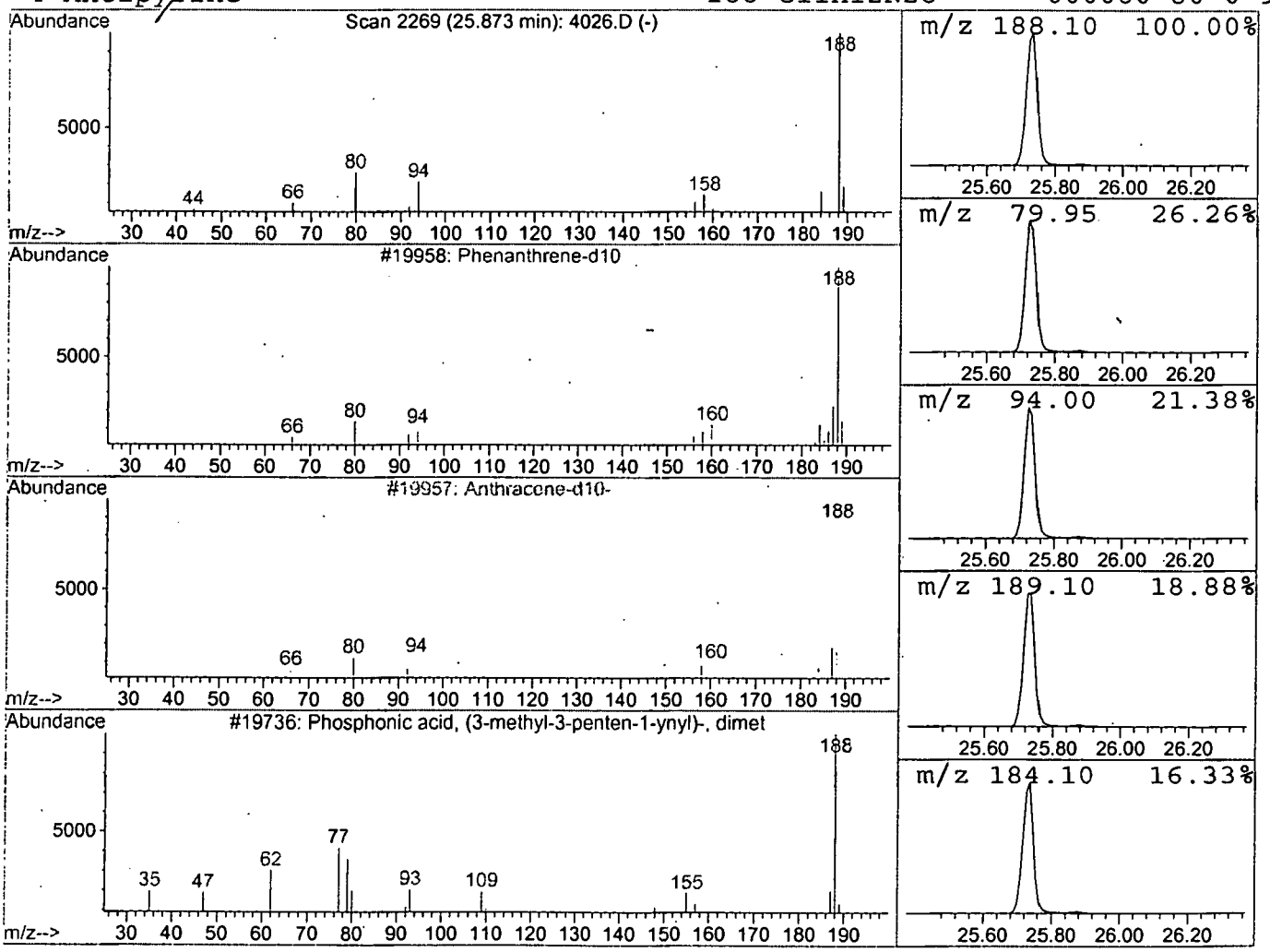
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.22 ug/l	20392	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 IS	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	59
3	Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	53
4	Antipyrine	188	C11H12N2O	000060-80-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 1:42 am
Data File: C:\HPCHEM\1\DATA\FEB2102\4026.D
Name: gc/ms scan 2/22
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	4.3	ug/l	299567	ISTD01	12.33	1396130	20.0
Phenanthrene-d10	25.87	0.2	ug/l	20392	ISTD04	25.74	1872160	20.0

4026.D GCMS0208.M Wed Mar 13 11:40:59 2002