User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 18:19:46

Sample: AE04025
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 18:19 Ended: 3/15/02 18:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AE04025 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 18:19:49

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.

...4025.D Operator: : GC/MS 209

Quantitation Report (QT Reviewed) ...208.RES

...PCHEM\1\DATA\FEB2102\4025.D Vial: 80
Feb 2002 12:43 am Operator:
...gc/ms scan 2/22 Inst : GC/MS 209
Multiplr: 1.00

on Params: GOOFY.P
Mar 13 11:24 2002 Quant Results File: GCMS0208.RES

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

Qvalue

...ds	R.T.	QIon	Response	Conc	Units	Dev(Min)
...obenzene-d4	12.33	152	245226	20.00	ug/l	-0.03
...-d8	15.97	136	934165	20.00	ug/l	-0.03
...e-d10	21.29	164	491279	20.00	ug/l	-0.03
...e-d10	25.73	188	690271	20.00	ug/l	-0.04
...	33.80	240	451206	20.00	ug/l	-0.04
	38.08	264	287207	20.00	ug/l	-0.04
Compounds						
	30.81	235	45120	~~6.26~~ 3.7	ug/mL	0.31
5.000			Recovery =	~~125.20%~~ 74%		
				Qvalue		
...ethyl amine	0.00	74	0	N.D.		
...thyl)ether	0.00	93	0	N.D.		
...enzene	0.00	146	0	N.D.		
...enzene	0.00	146	0	N.D.		
...enzene	0.00	146	0	N.D.		
...Chloropropan	0.00	45	0	N.D.		
...-propylamine	0.00	70	0	N.D.		
...ne	0.00	117	0	N.D.		
	0.00	77	0	N.D.		
	0.00	82	0	N.D.		
...oxy)methane	0.00	93	0	N.D.		
...benzene	0.00	180	0	N.D.		
	0.00	128	0	N.D.		
...iene	0.00	225	0	N.D.		
...entadiene	0.00	237	0	N.D.		
...ene	0.00	162	0	N.D.		
...e	0.00	163	0	N.D.		
...ne	0.00	165	0	N.D.		
	0.00	152	0	N.D.		
	0.00	153	0	N.D.		
...ie	0.00	165	0	N.D.		
	22.77	149	348	N.D.		
...enylether	0.00	204	0	N.D.		
	0.00	166	0	N.D.		
...phenylhyd	0.00	77	0	N.D.		

...range (m) = manual integration
Wed Mar 13 11:25:09 2002 Page 1

Data File : C:\HPCHEM\1\DATA\FEB2102\4025.D Vial: 80
Acq On : 25 Feb 2002 12:43 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 11:24 2002 Quant Results File: GCMS0208.RES

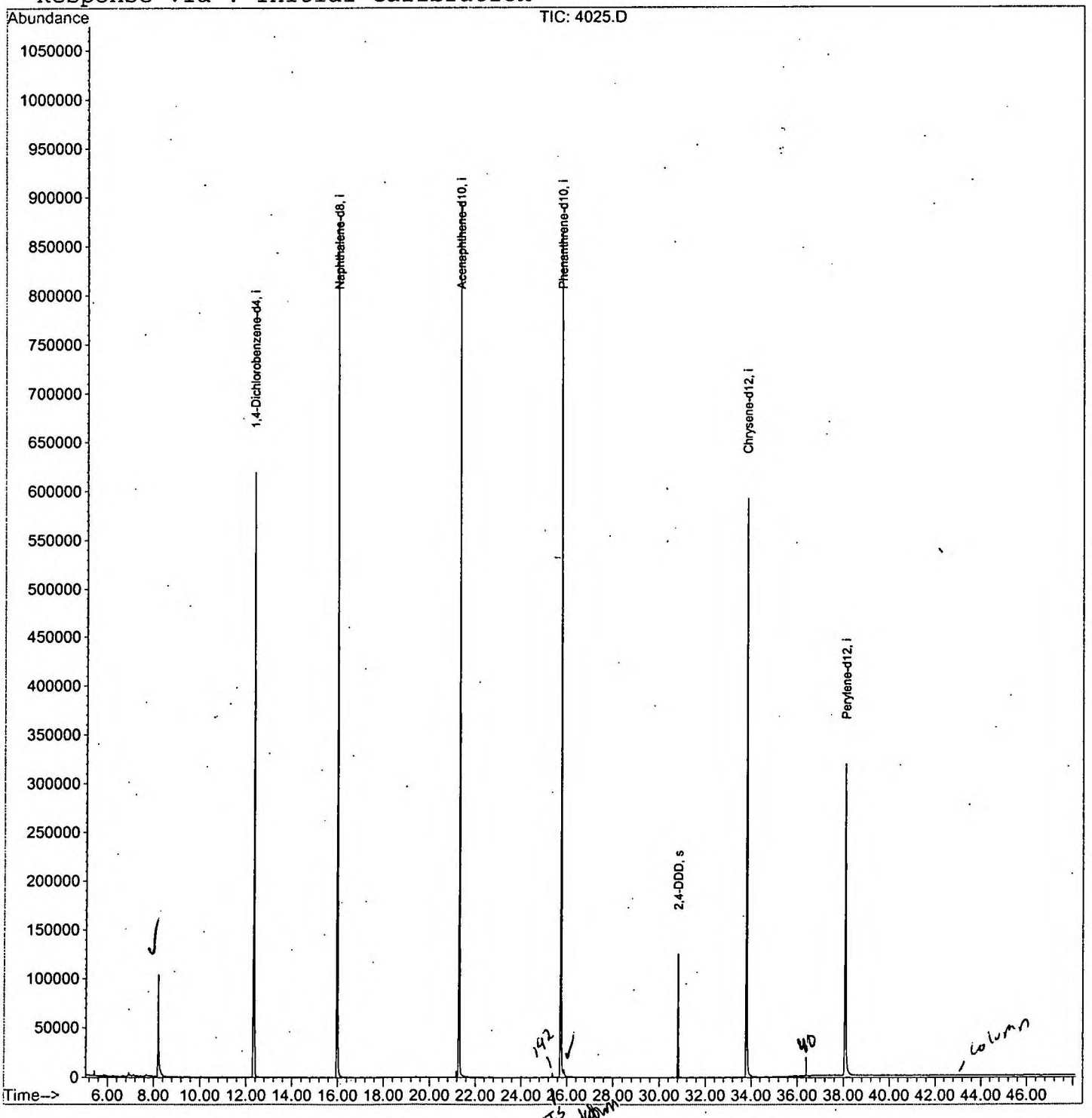
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

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	1098	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	925	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.00	149	1020	N.D.	
43) Chrysene	33.80	228	925	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	1179	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\4025.D
Acq On : 25 Feb 2002 12:43 am Opera
Sample : gc/ms scan 2/22 Inst
Misc : Multip
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:24 2002 Quant Results File:

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\4025.D Vial: 80
Acq On : 25 Feb 2002 12:43 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

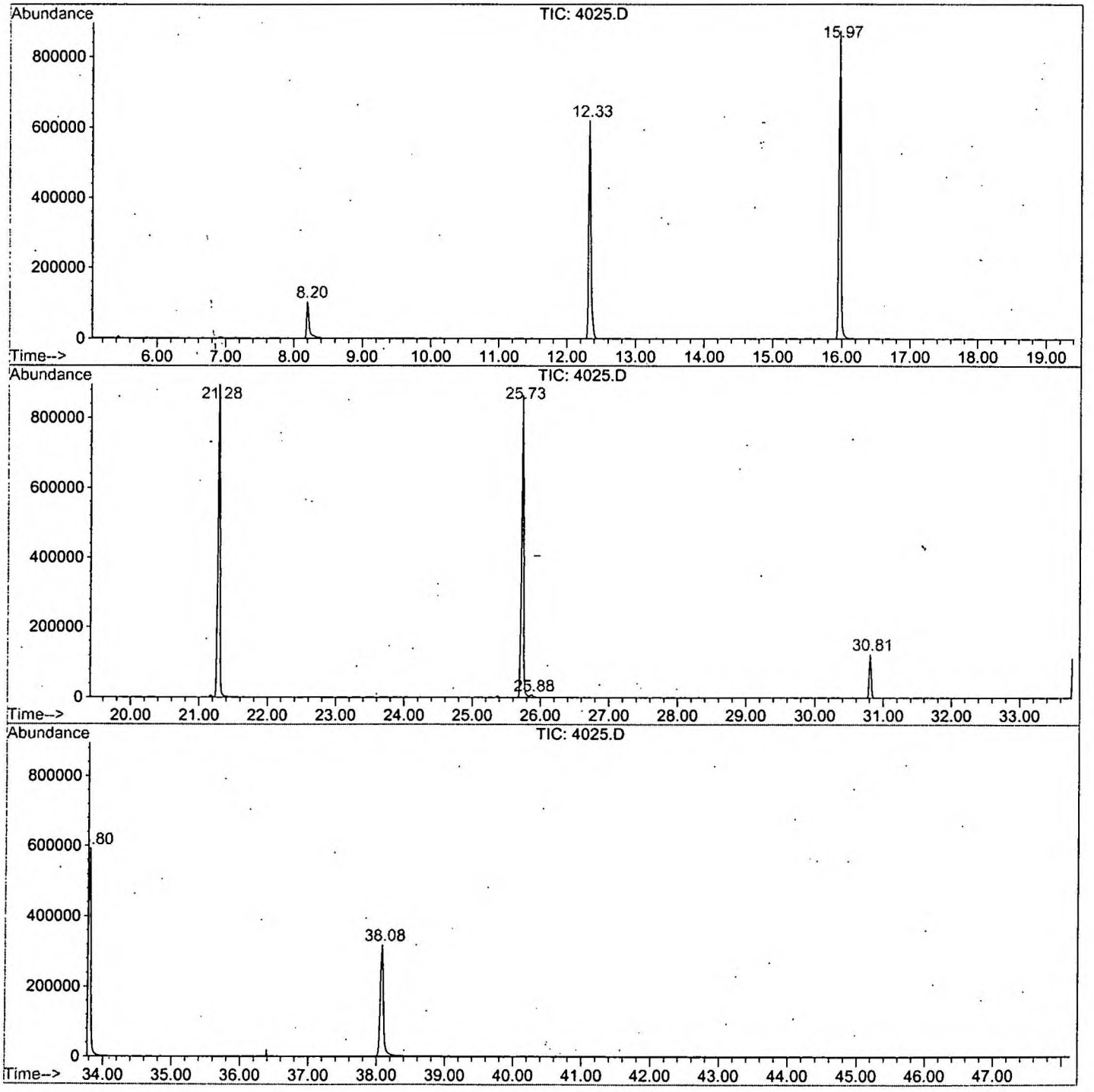
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	361	rBV	102979	255016	13.11%	2.568%
2	12.328	789	794	809	rBV	619594	1412237	72.59%	14.221%
3	15.973	1185	1191	1208	rBV	873256	1839545	94.55%	18.524%
4	21.279	1763	1769	1784	rBV	895118	1945618	100.00%	19.592%
5	25.731	2248	2254	2265	rBV2	863634	1823588	93.73%	18.364%
6	25.878	2266	2270	2279	rVB2	7335	21914	1.13%	0.221%
7	30.808	2802	2807	2814	rVB	125253	237572	12.21%	2.392%
8	33.801	3126	3133	3144	rBV2	592232	1378736	70.86%	13.884%
9	38.079	3589	3599	3620	rBV2	318033	1016213	52.23%	10.233%

Sum of corrected areas: 9930439

4025.D GCMS0208.M Wed Mar 13 11:39:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\4025.D
Operator :
Acquired : 25 Feb 2002 12:43 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22
Misc Info :
Vial Number: 80
Quant File :GCMS0208.RES (RTE Integrator)



4025.D GCMS0208.M Wed Mar 13 11:39:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4025.D
Acq On : 25 Feb 2002 12:43 am
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 80
Operator:
Inst : GC/MS 209
Multiplr: 1.00

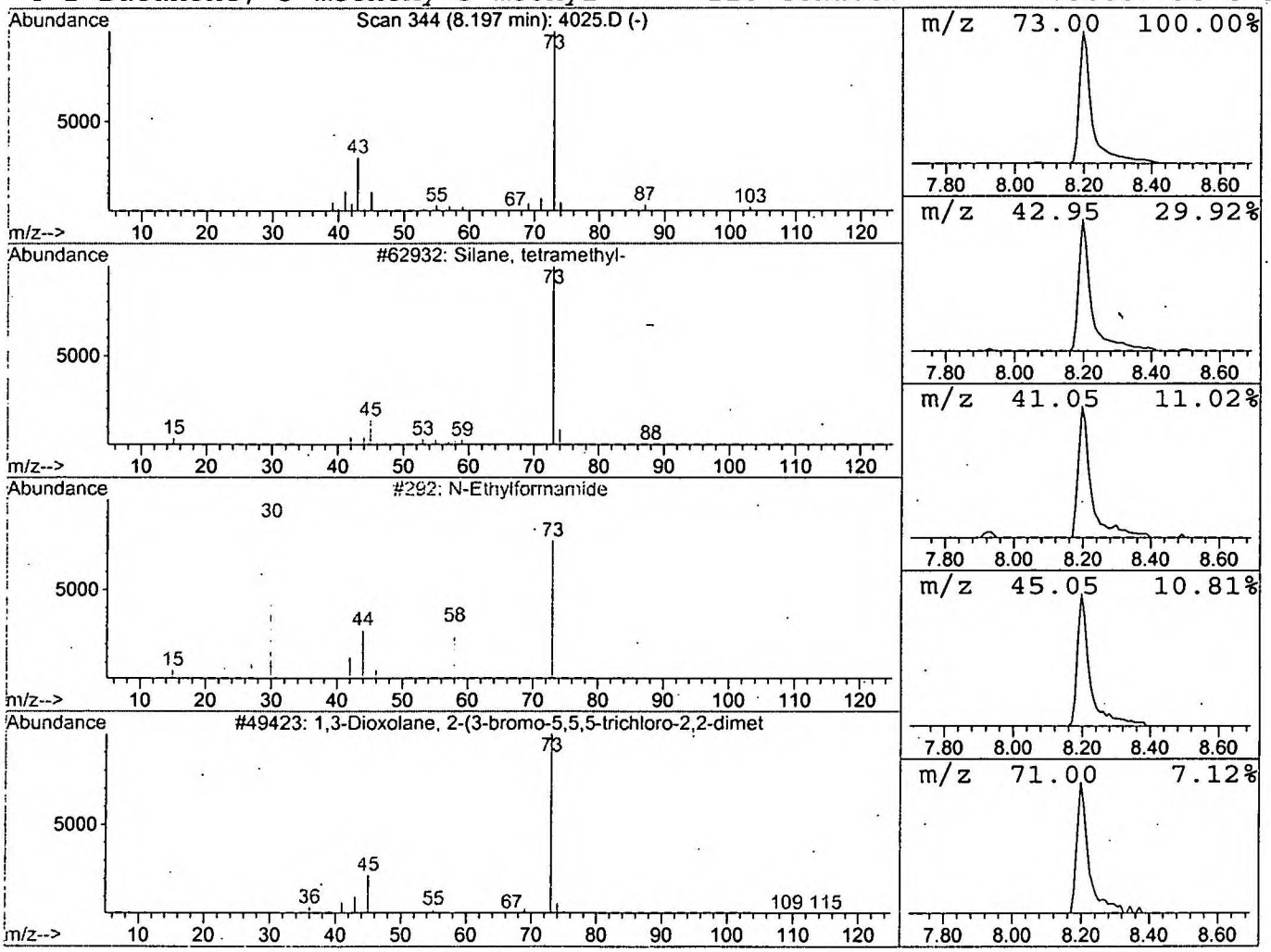
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.61 ug/l	255016	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9



Data File : C:\HPCHEM\1\DATA\FEB2102\4025.D Vial: 80
Acq On : 25 Feb 2002 12:43 am Operator:
Sample : gc/ms scan 2/22 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

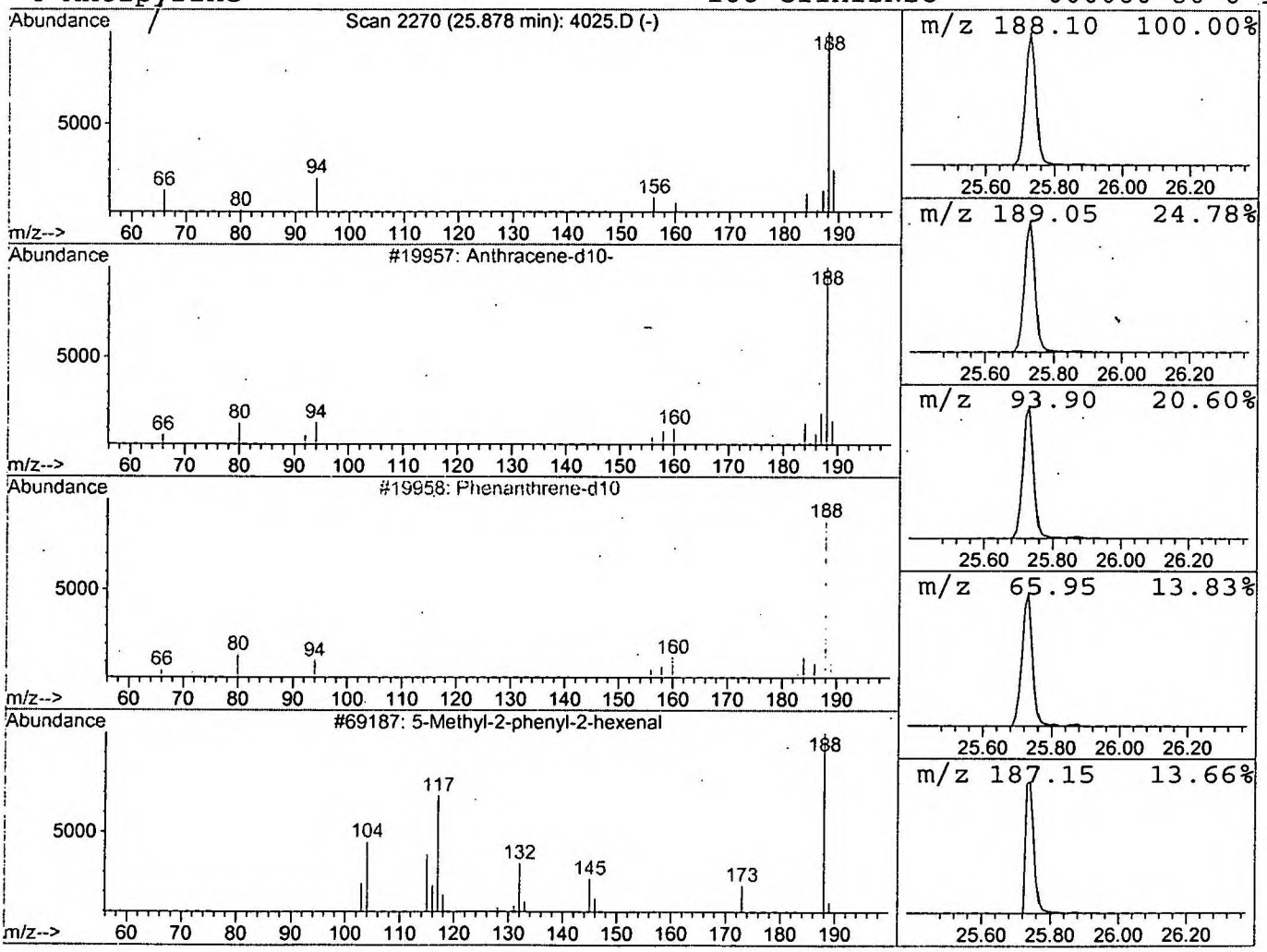
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.24 ug/l	21914	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	38
2	Phenanthrene-d10	188	C14D10	001517-22-2	9
3	5-Methyl-2-phenyl-2-hexenal	188	C13H16O	021834-92-4	9
4	Antipyrine	188	C11H12N2O	000060-80-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 12:43 am
Data File: C:\HPCHEM\1\DATA\FEB2102\4025.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	3.6	ug/l	255016	ISTD01	12.33	1412240	20.0
Anthracene-d10-	25.88	0.2	ug/l	21914	ISTD04	25.73	1823590	20.0

4025.D GCMS0208.M Wed Mar 13 11:40:09 2002