User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/18/2002 Time: 10:53:33

Sample: AE04027
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/18/02 10:53 Ended: 3/18/02 10:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]		[illegible]

Comments for Sample AE04027 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-18-2002 Time: 10:56:08

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. This sample will be reextracted and reanalyzed due to the low Surrogate Standard recovery. This sample is the Field Blank.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\4027.D Vial: 82
Acq On : 25 Feb 2002 2:41 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 11:28 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	177358	20.00 ug/l	-0.02
10) Naphthalene-d8	15.97	136	678926	20.00 ug/l	-0.03
17) Acenaphthene-d10	21.28	164	355600	20.00 ug/l	-0.03
29) Phenanthrene-d10	25.73	188	489128	20.00 ug/l	-0.04
38) Chrysene-d12	33.80	240	328892	20.00 ug/l	-0.05
44) Perylene-d12	38.08	264	197367	20.00 ug/l	-0.05
System Monitoring Compounds					
37) 2,4-DDD	30.81	235	34522	~~6.76~~ 2.85 ug/mL	0.32
Spiked Amount 5.000			Recovery =	~~135.20%~~ 57%	
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.	

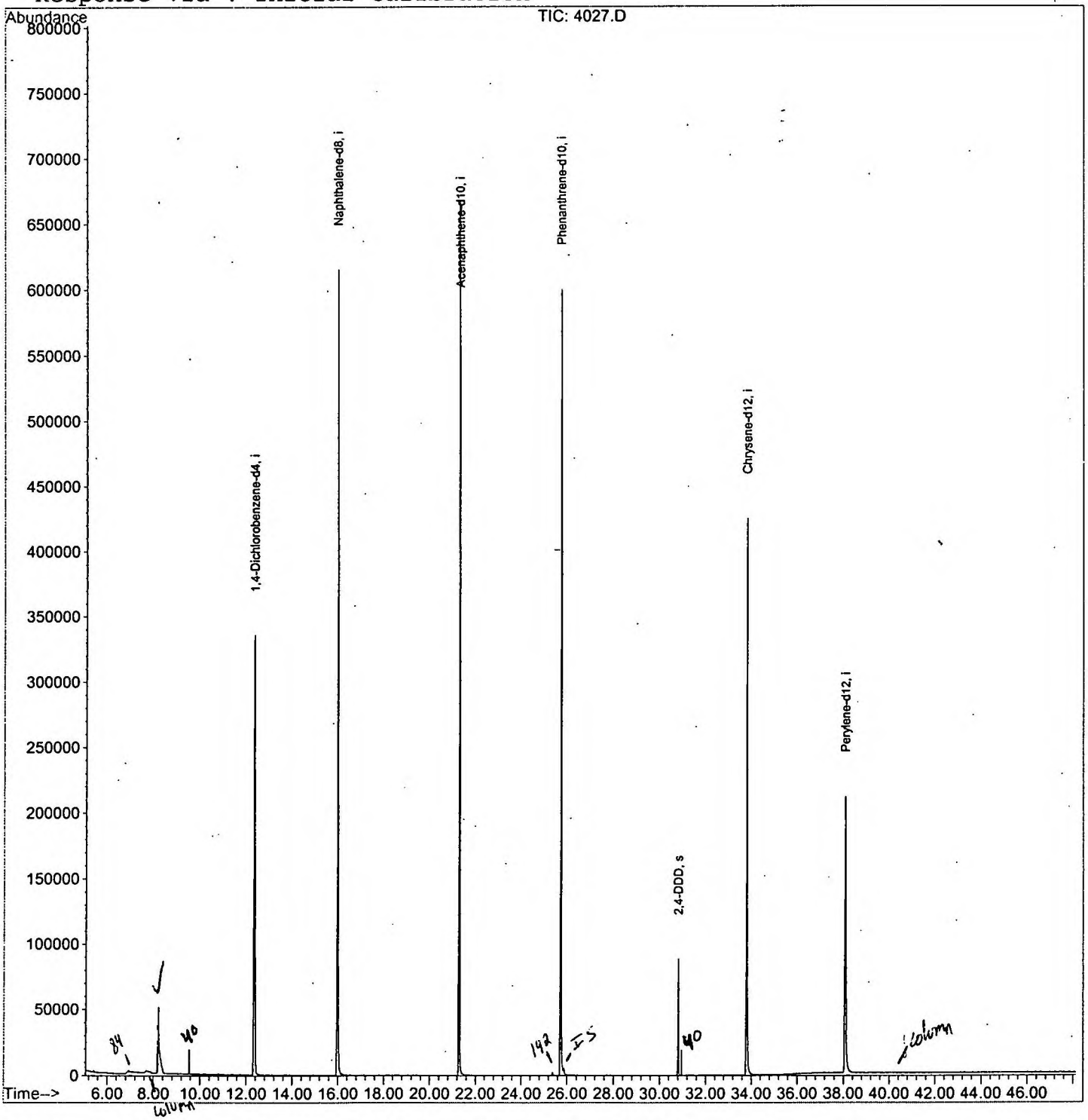
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4027.D
Acq On : 25 Feb 2002 2:41 am
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: GOOFY.P
Quant Time: Mar 13 11:28 2002

Vial: 82
Operator:
Inst : GC/MS 209
Multiplr: 1.00
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\4027.D Vial: 82
Acq On : 25 Feb 2002 2:41 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

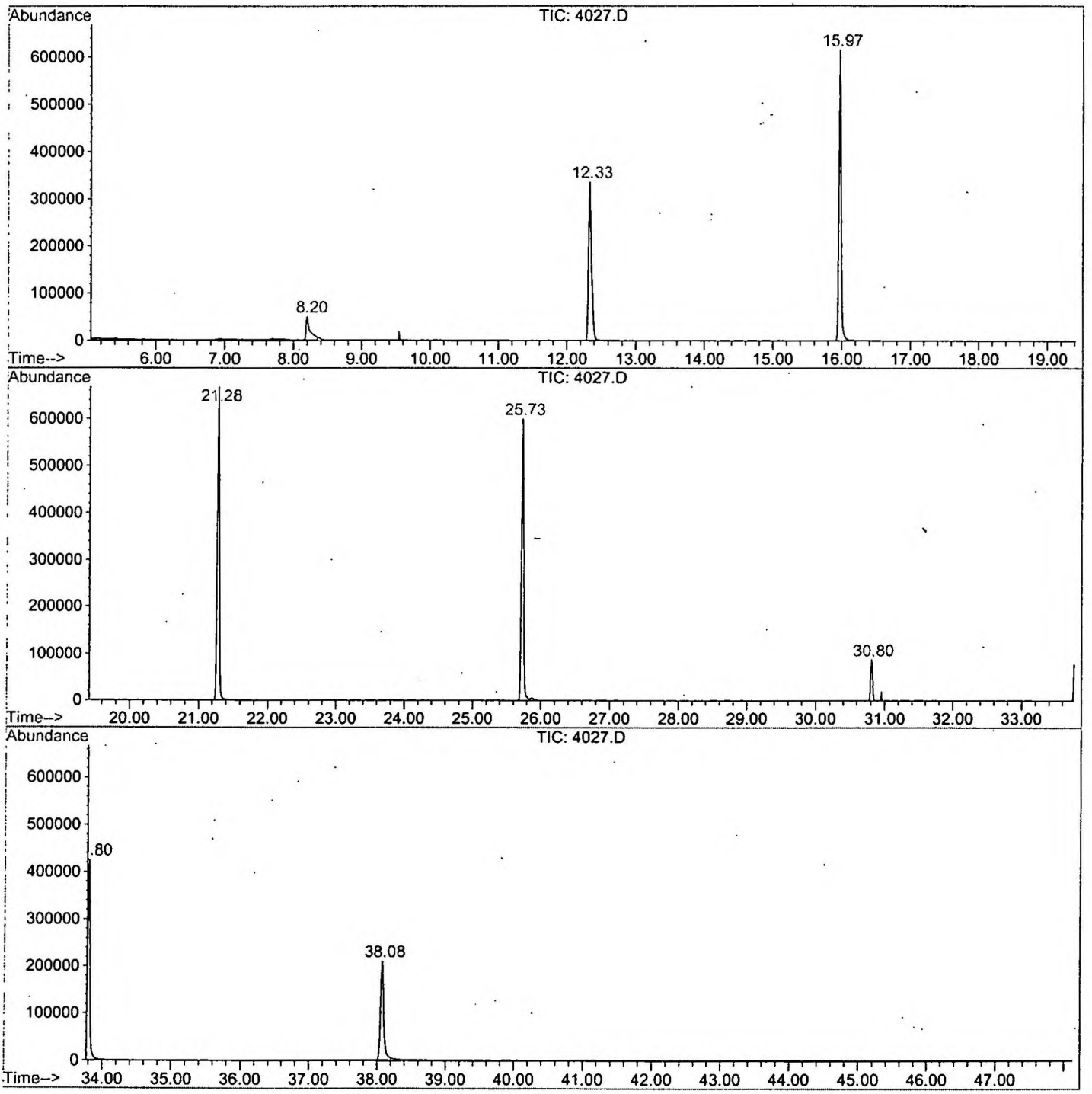
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.203	339	344	360	rBV	49700	193126	13.68%	2.714%
2	12.334	788	794	811	rBV	335296	1022641	72.42%	14.372%
3	15.970	1184	1190	1208	rBV	614941	1331786	94.31%	18.716%
4	21.285	1763	1769	1790	rBV	667770	1412126	100.00%	19.845%
5	25.728	2247	2253	2266	rBV2	600069	1295631	91.75%	18.208%
6	30.805	2802	2806	2812	rVB	88354	180568	12.79%	2.538%
7	33.798	3126	3132	3152	rBV2	424819	994781	70.45%	13.980%
8	38.076	3590	3598	3613	rBV2	209789	685081	48.51%	9.628%

Sum of corrected areas: 7115740

4027.D GCMS0208.M Wed Mar 13 11:41:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\4027.D
Operator :
Acquired : 25 Feb 2002 2:41 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/22
Misc Info :
Vial Number: 82
Quant File :GCMS0208.RES (RTE Integrator)



4027.D GCMS0208.M Wed Mar 13 11:41:28 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\4027.D
Acq On : 25 Feb 2002 2:41 am
Sample : gc/ms scan 2/22
Misc :
MS Integration Params: LSCINT.P

Vial: 82
Operator:
Inst : GC/MS 209
Multiplr: 1.00

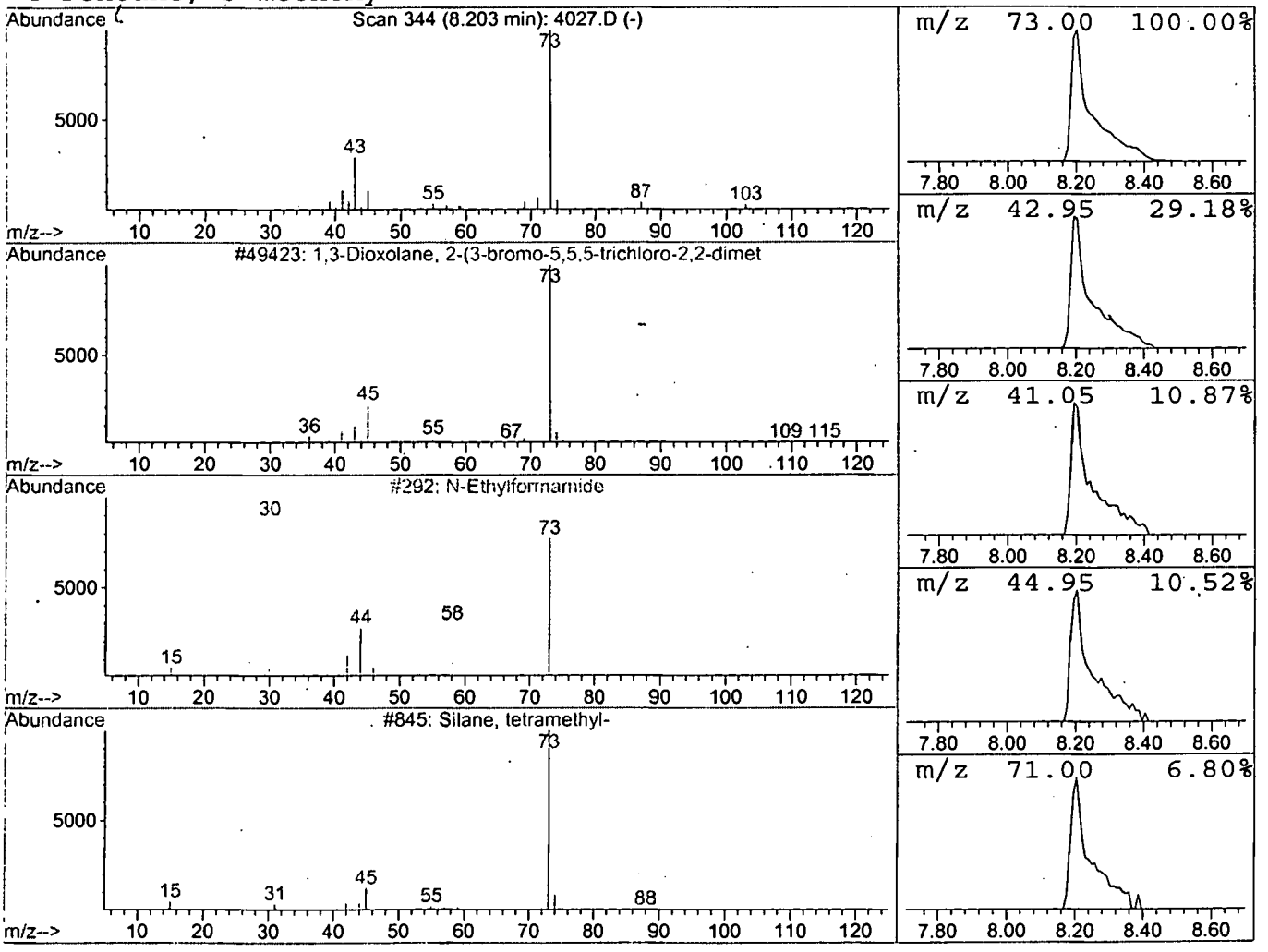
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.78 ug/l	193126	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	17
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Feb 2002 2:41 am
Data File: C:\HPCHEM\1\DATA\FEB2102\4027.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
~~1,3-Dioxolane, 2~~-(3-	8.20	3.8	ug/l	193126	ISTD01	12.33	1022640	20.0

4027.D GCMS0208.M Wed Mar 13 11:41:37 2002