User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 11:44:02

Sample: AE04038
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 11:43 Ended: 4/1/02 11:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		85		5.0

Comments for Sample AE04038 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 11:44:52

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for compounds in the LCS Standard were high. New recovery limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4038.D Vial: 19
Acq On : 23 Mar 2002 1:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:17 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	403663	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1567701	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	848210	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1266266	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	760234	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	421143	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	78524	~~7.58~~ 4.25	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~151.60%~~ 85%		
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	15.96	128	322	N.D.		
16) Hexachlorobutadiene	16.50	225	205	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	22.69	149	923	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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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

	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	25.67	178	449	N.D.	
34)	Anthracene	25.67	178	449	N.D.	
35)	Di-n-butylphthalate	27.63	149	9038	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.14	149	327	N.D.	
41)	Benzo(a)anthracene	33.72	228	2842	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	2800	N.D.	
43)	Chrysene	33.79	228	1357	N.D.	
45)	Di-n-Octylphthalate	35.69	149	1480	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	1574	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	2201	N.D.	
48)	Benzo(a)pyrene	37.79	252	916	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

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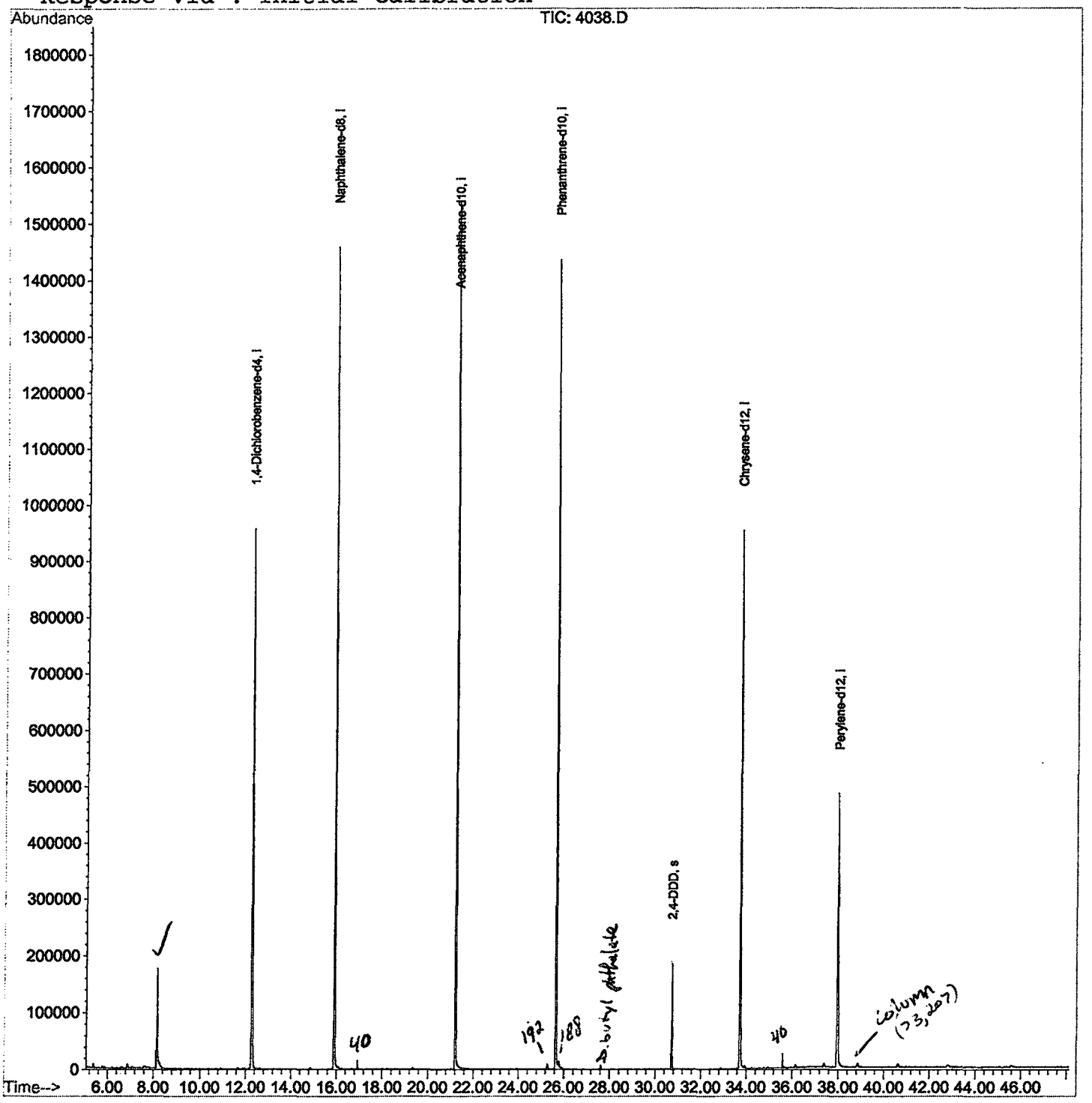
Acq On : 23 Mar 2002 1:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:17 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4038.D Vial: 19
Acq On : 23 Mar 2002 1:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

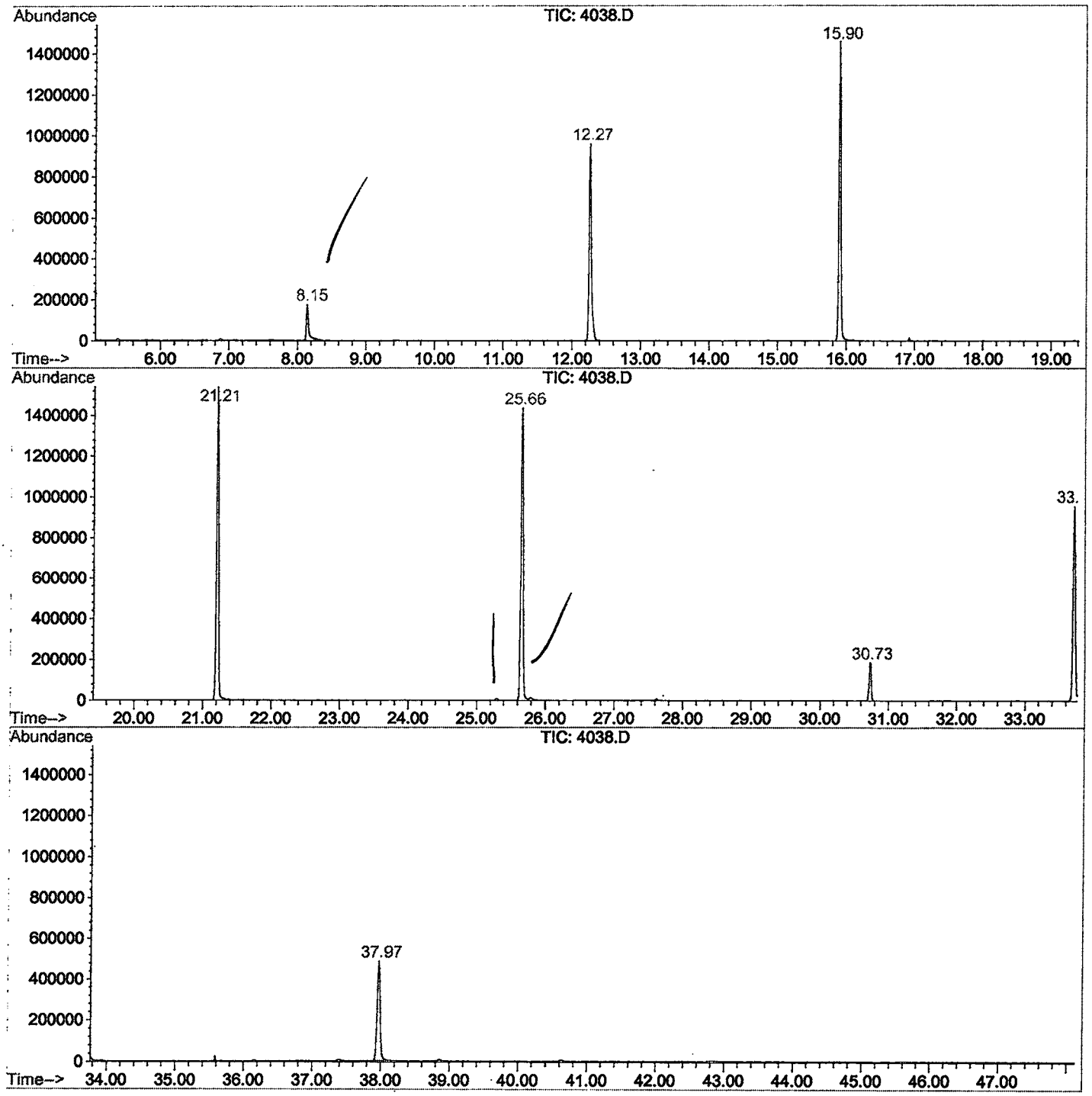
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.145	333	338	352	rBV	175989	417312	12.89%	2.584%
2	12.267	781	787	803	rVB	956501	2217054	68.48%	13.729%
3	15.902	1177	1183	1201	rBV	1459032	2965715	91.60%	18.365%
4	21.209	1755	1761	1777	rBV	1540006	3237608	100.00%	20.049%
5	25.661	2239	2246	2257	rBV2	1436177	3228019	99.70%	19.989%
6	30.729	2793	2798	2806	rBV	185943	386357	11.93%	2.393%
7	33.721	3113	3124	3139	rBV	955716	2242985	69.28%	13.890%
8	37.972	3579	3587	3604	rBV2	484761	1453549	44.90%	9.001%

Sum of corrected areas: 16148599

4038.D GCMS0308.M Wed Mar 27 09:59:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4038.D
Operator :
Acquired : 23 Mar 2002 1:47 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 19
Quant File :GCMS0308.RES (RTE Integrator)



4038.D GCMS0308.M Wed Mar 27 09:59:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4038.D Vial: 19
Acq On : 23 Mar 2002 1:47 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

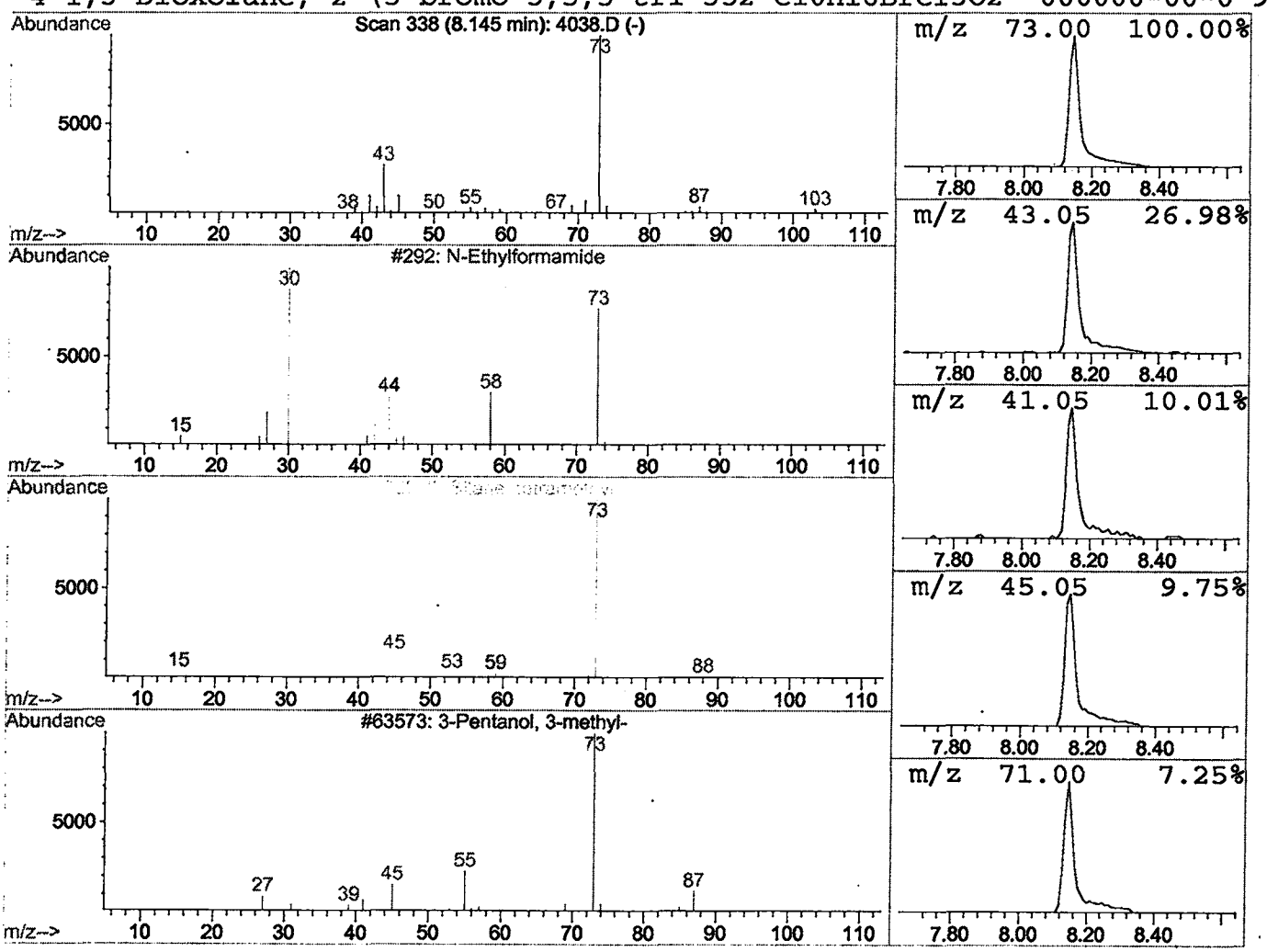
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.76 ug/l	417312	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 1:47 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4038.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
N-Ethylformamide	8.15	3.8	ug/l	417312	ISTD01	12.27	2217050	20.0

4038.D GCMS0308.M Wed Mar 27 10:00:06 2002