User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/12/2002 Time: 12:07:22

Sample: AE03434
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/12/02 12:07 Ended: 3/12/02 12:07 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		5.0

Comments for Sample AE03434 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-12-2002 Time: 12:07:26

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\3434.D Vial: 54
Acq On : 23 Feb 2002 9:18 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 9:36 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	220979	20.00 ug/l	-0.03
10) Naphthalene-d8	15.97	136	842386	20.00 ug/l	-0.03
17) Acenaphthene-d10	21.29	164	448570	20.00 ug/l	-0.03
29) Phenanthrene-d10	25.73	188	609253	20.00 ug/l	-0.03
38) Chrysene-d12	33.80	240	381229	20.00 ug/l	-0.04
44) Perylene-d12	38.08	264	240729	20.00 ug/l	-0.04
System Monitoring Compounds					
37) 2,4-DDD	30.81	235	42654	~~6.70~~ 3.51 ug/mL	0.31
Spiked Amount 5.000			Recovery =	~~134.00%~~ 70%	
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	16.04	128	213	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

Multiplr

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\3434.D Vial: 54
Acq On : 23 Feb 2002 9:18 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 9:36 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
N-Nitrosodiphenylamine	0.00	168	0	N.D.	
4-Bromophenyl-phenylether	0.00	248	0	N.D.	
Hexachlorobenzene	0.00	284	0	N.D.	
Phenanthrene	0.00	178	0	N.D.	
Anthracene	0.00	178	0	N.D.	
Di-n-butylphthalate	27.70	149	5903	N.D.	
Fluoranthene	0.00	202	0	N.D.	
Pyrene	0.00	202	0	N.D.	
Butylbenzylphthalate	0.00	149	0	N.D.	
Benzo(a)anthracene	33.80	228	838	N.D.	
Bis(2-ethylhexyl)phthalate	34.01	149	40794	1.63 ug/l	98
Chrysene	33.80	228	838	N.D.	
Di-n-Octylphthalate	0.00	149	0	N.D.	
Benzo(b)fluoranthene	36.96	252	272	N.D.	
Benzo(k)fluoranthene	36.96	252	272	N.D.	
Benzo(a)pyrene	38.07	252	832	N.D.	
Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
Dibenz(a,h)anthracene	0.00	278	0	N.D.	
Benzo(g,h,i)perylene	0.00	276	0	N.D.	

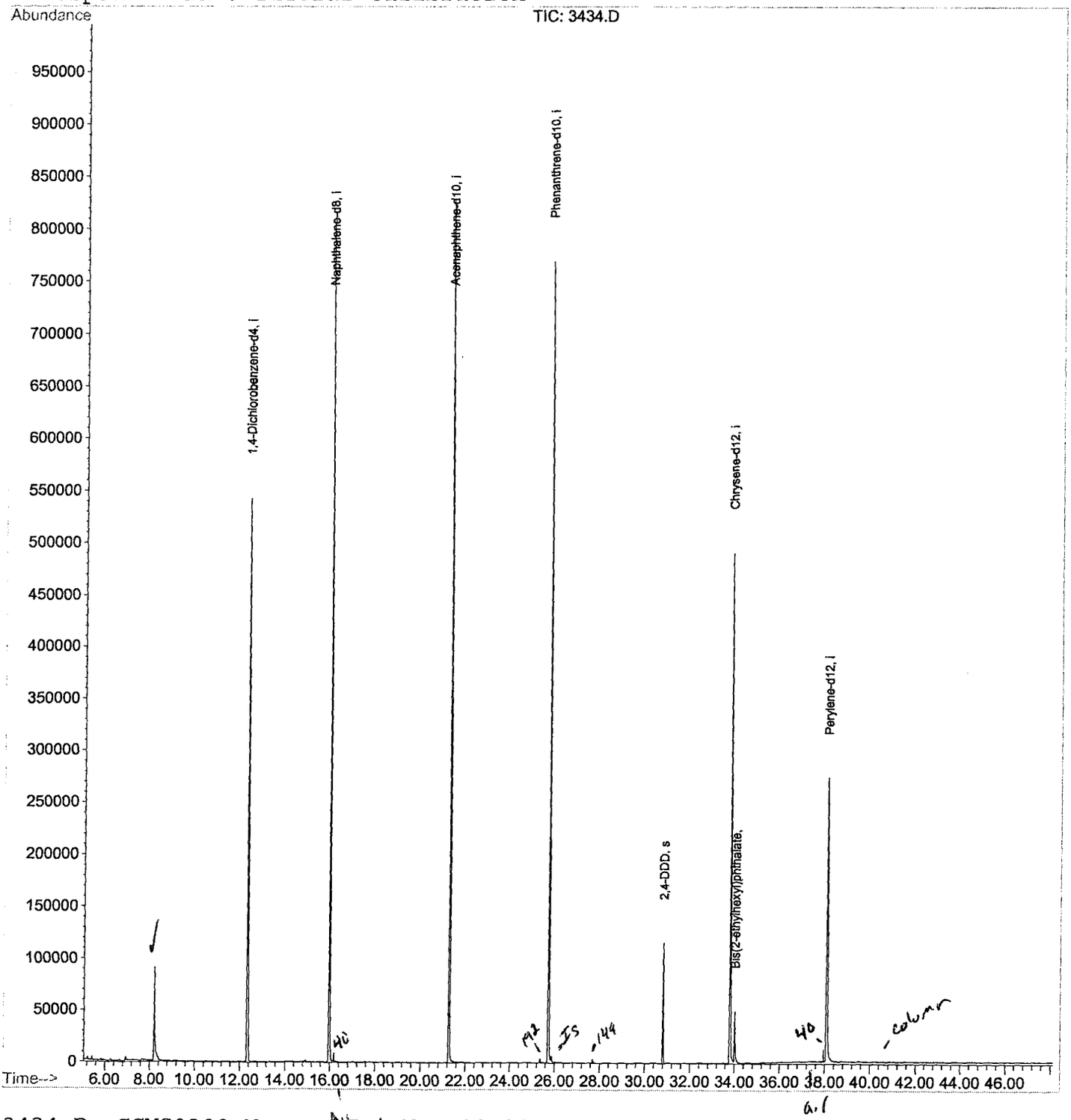
0 42.00 44.00 46.00

r out of range (m) = manual integration
0308.M Fri Mar 08 09:37:17 2002 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\3434.D Vial: 54
Acq On : 23 Feb 2002 9:18 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 9:36 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\3434.D Vial: 54
Acq On : 23 Feb 2002 9:18 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

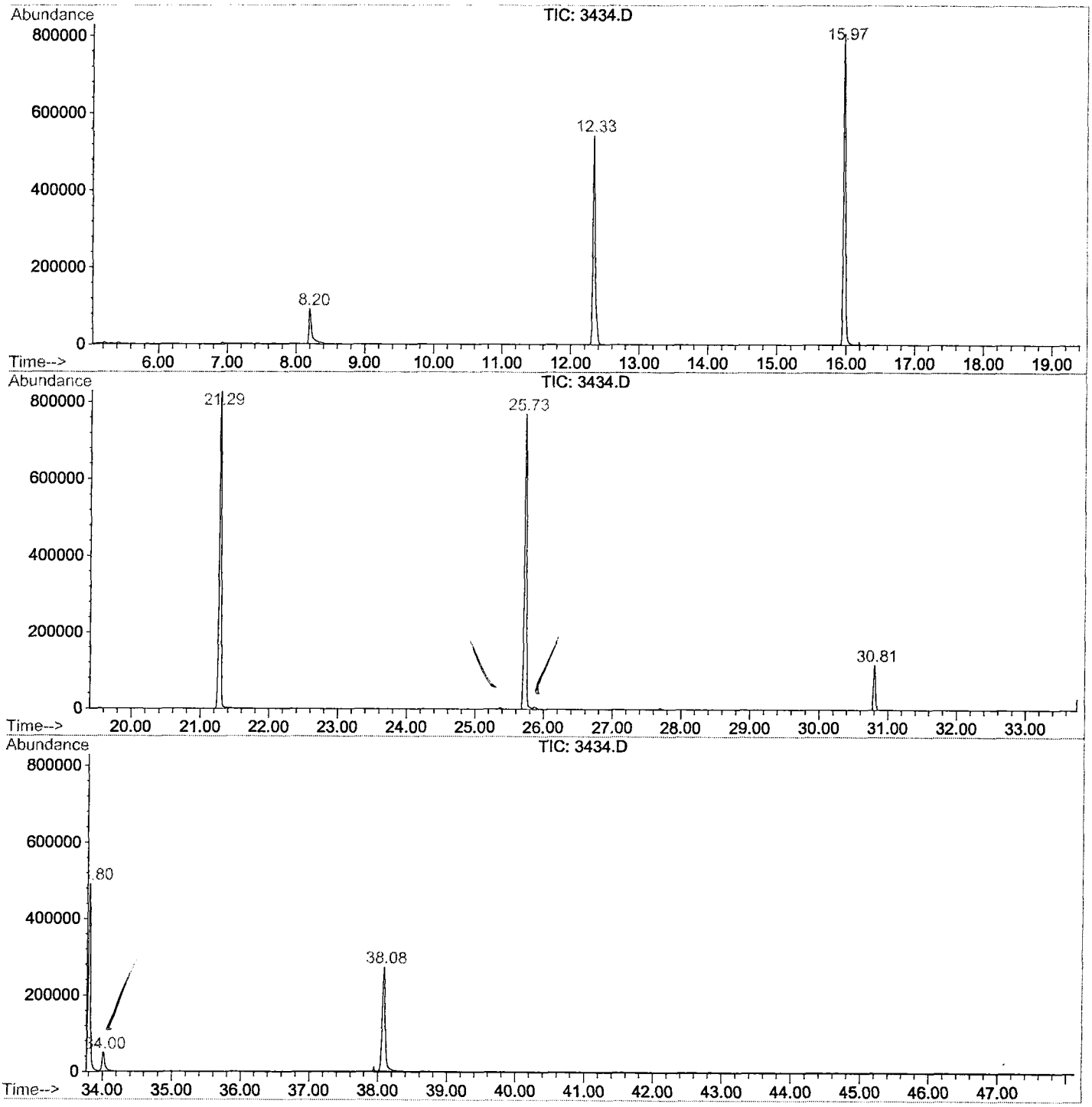
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	363	rBV	89996	250951	14.13%	2.802%
2	12.328	789	794	816	rVB	541857	1289601	72.61%	14.398%
3	15.973	1185	1191	1206	rBV	804583	1661002	93.52%	18.544%
4	21.288	1763	1770	1782	rBV	828911	1776181	100.00%	19.830%
5	25.731	2247	2254	2265	rBV2	769082	1616204	90.99%	18.044%
6	30.808	2802	2807	2814	rBV	115772	228797	12.88%	2.554%
7	33.801	3126	3133	3151	rBV2	490337	1155405	65.05%	12.899%
8	34.003	3151	3155	3169	rVV	48231	131973	7.43%	1.473%
9	38.079	3591	3599	3620	rBV2	272173	846975	47.69%	9.456%

Sum of corrected areas: 8957089

3434.D GCMS0208.M Fri Mar 08 09:47:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\3434.D
Operator :
Acquired : 23 Feb 2002 9:18 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/14
Misc Info :
Vial Number: 54
Quant File :GCMS0208.RES (RTE Integrator)



3434.D GCMS0208.M Fri Mar 08 09:47:59 2002

Data File : C:\HPCHEM\1\DATA\FEB2102\3434.D Vial: 54
Acq On : 23 Feb 2002 9:18 pm Operator:
Sample : gc/ms scan 1/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

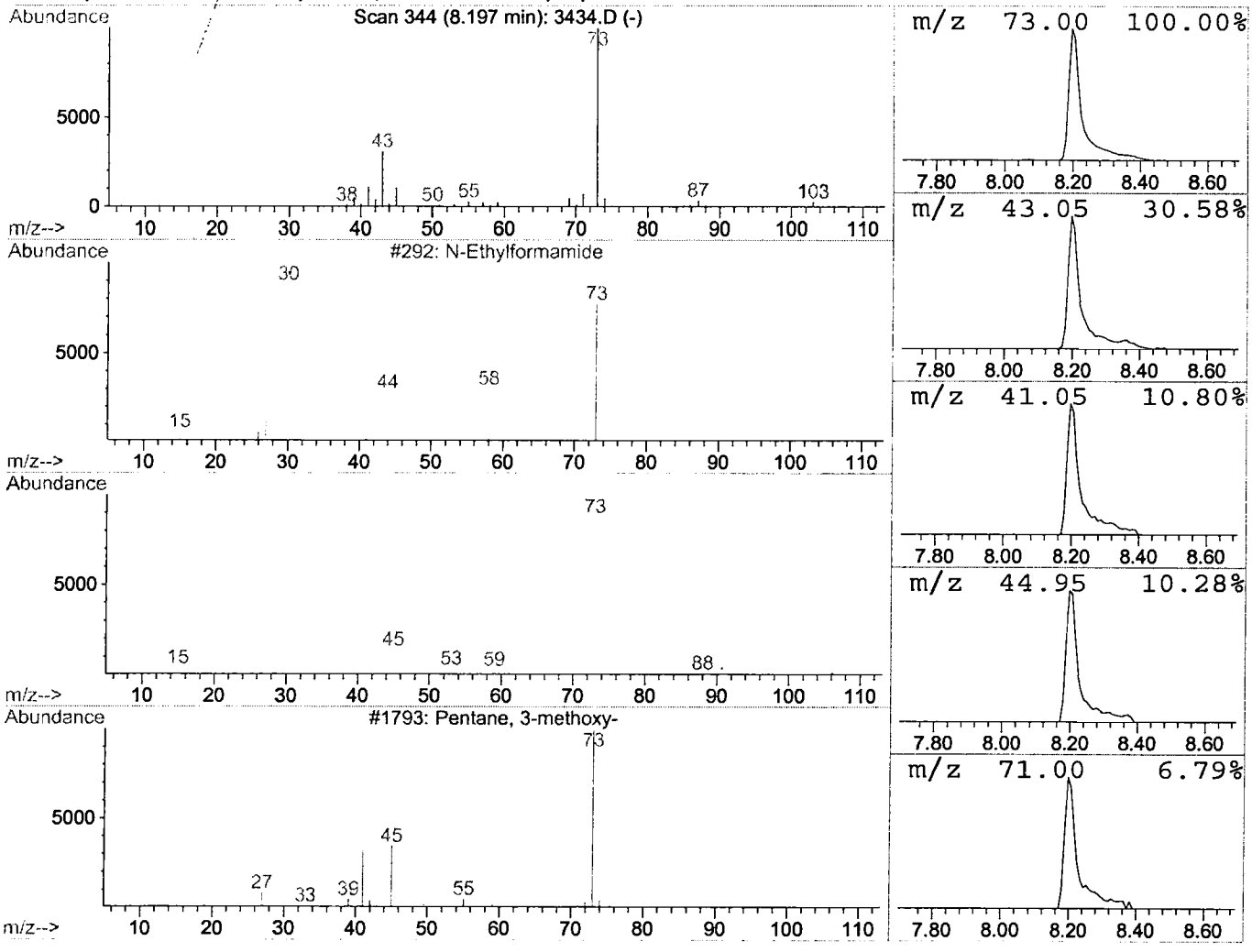
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.89 ug/l	250951	1,4-Dichlorobenzene-d4	12.33

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	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 Feb 2002 9:18 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\3434.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
N-Ethylformamide	8.20	3.9	ug/l	250951	ISTD01	12.33	1289600	20.0

3434.D GCMS0208.M Fri Mar 08 09:48:08 2002