User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 16:20:31

Sample: AE01143
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 16:19 Ended: 3/4/02 16:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AE01143 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 16:55:01

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 for the reextracted sample were above their acceptance ranges. This sample was extracted previously with its LCS Standard failing the first time. This sample will receive an analysis cost discount.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\1143.D Vial: 65
Acq On : 24 Feb 2002 8:04 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 15:50 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

re-analyzed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	219276	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	834283	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	431864	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	613207	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	388368	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	238239	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	45714	7.14	ug/mL	0.31
Spiked Amount 5.000			Recovery =	142.80%		

3.77 75%

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	22.76	149	516	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

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Title : 209 625/TCLP calibration table
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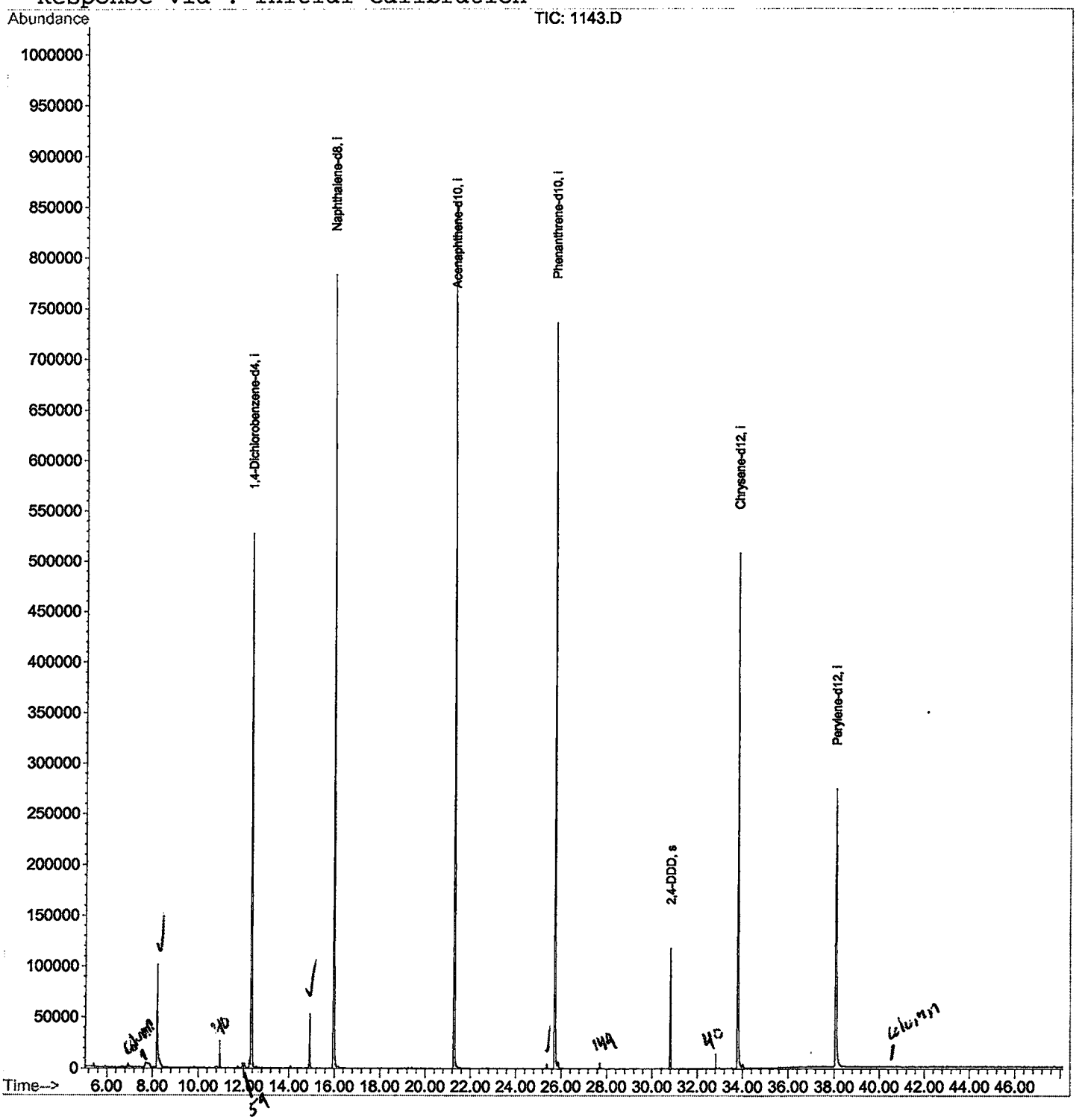


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1143.D Vial: 65
Acq On : 24 Feb 2002 8:04 am Operator:
Sample : gc/ms scan 2/21 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

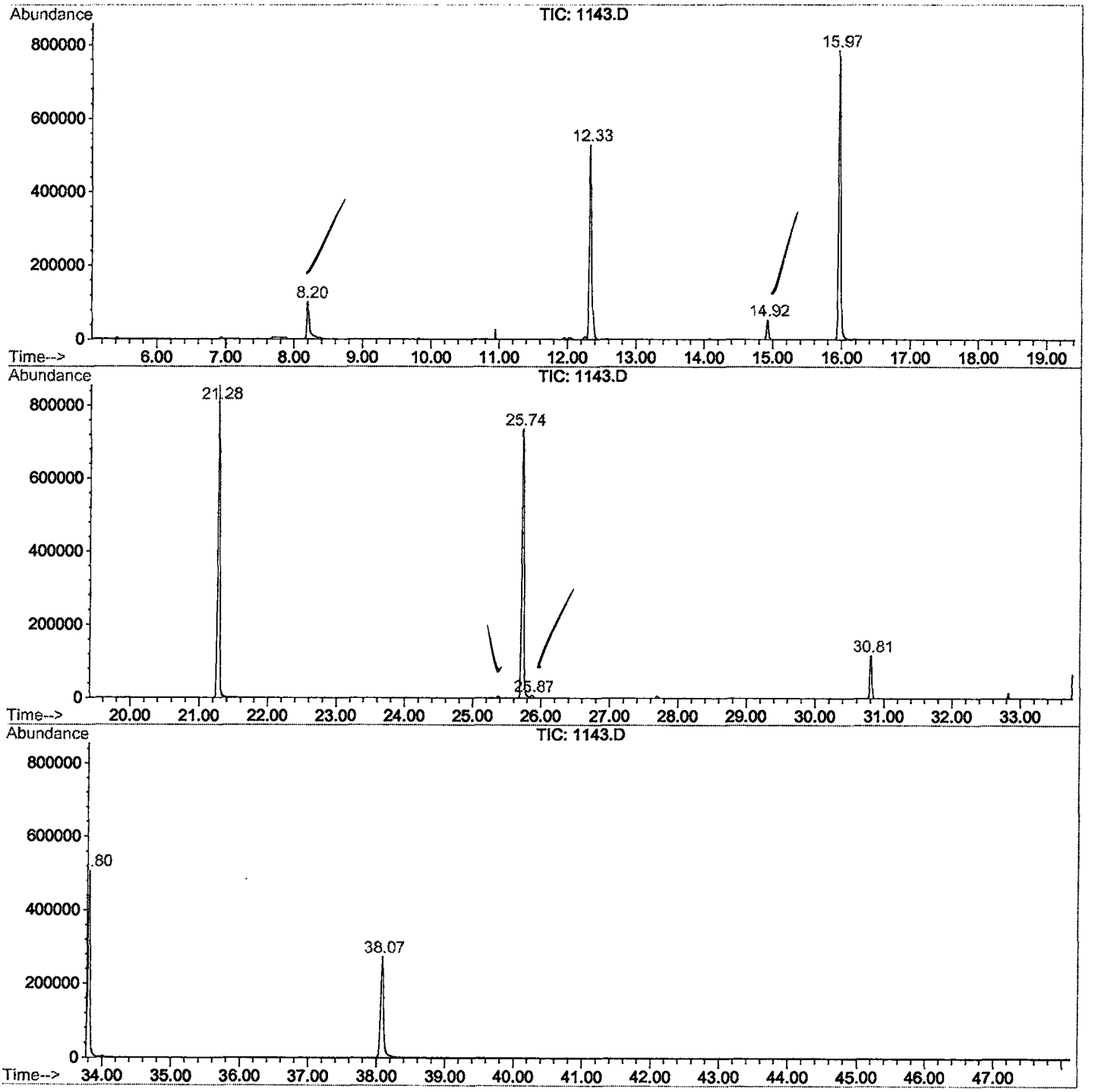
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.201	339	344	360	rBV	100767	270123	15.66%	3.015%
2	12.332	789	794	806	rVB	526791	1276413	74.00%	14.247%
3	14.921	1070	1076	1084	rBV	52761	103830	6.02%	1.159%
4	15.968	1184	1190	1203	rBV	783058	1649528	95.63%	18.411%
5	21.283	1763	1769	1779	rBV	855087	1724989	100.00%	19.254%
6	25.736	2247	2254	2265	rBV2	735968	1638315	94.98%	18.286%
7	25.873	2265	2269	2277	rVB2	6359	17609	1.02%	0.197%
8	30.812	2801	2807	2815	rVB	118106	244345	14.17%	2.727%
9	33.796	3126	3132	3149	rBV2	507757	1183167	68.59%	13.206%
10	38.074	3588	3598	3621	rBV2	273113	850947	49.33%	9.498%

Sum of corrected areas: 8959266

1143.D GCMS0208.M Fri Mar 01 09:06:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\1143.D
Operator :
Acquired : 24 Feb 2002 8:04 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 65
Quant File :GCMS0208.RES (RTE Integrator)



1143.D GCMS0208.M Fri Mar 01 09:06:54 2002

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 8:04 am
Data File: C:\HPCHEM\1\DATA\FEB2102\1143.D
Name: gc/ms scan 2/21
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	4.2	ug/l	270123	ISTD01	12.33	1276410	20.0
Cyclopentasiloxane,	14.92	1.3	ug/l	103830	ISTD02	15.97	1649530	20.0
Anthracene-d10-	25.87	0.2	ug/l	17609	ISTD04	25.74	1638320	20.0

1143.D GCMS0208.M Fri Mar 01 09:07:12 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1143.D Vial: 65
Acq On : 24 Feb 2002 8:04 am Operator:
Sample : gc/ms scan 2/21 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

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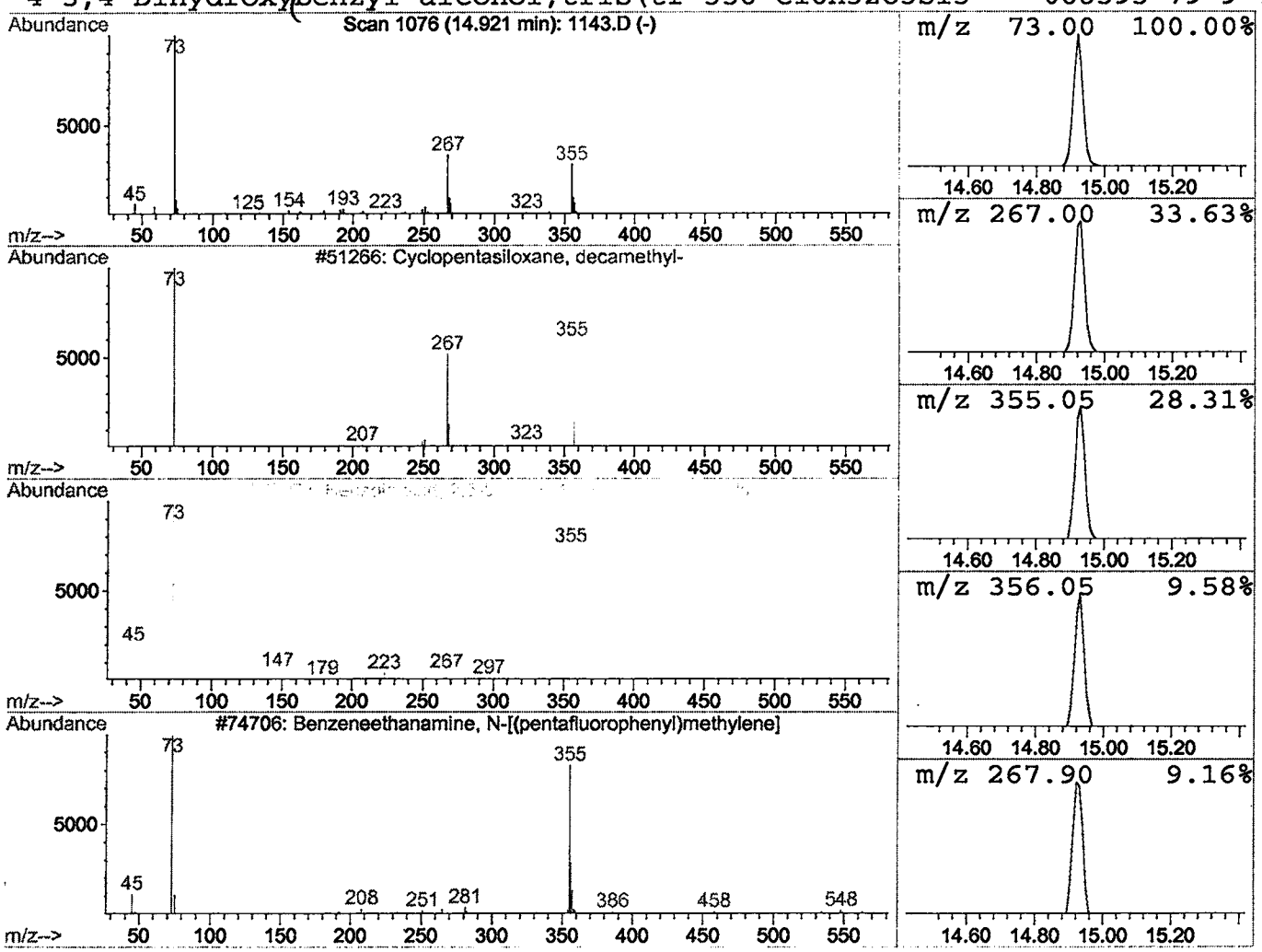
Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	1.26 ug/l	103830	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	56
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1143.D Vial: 65
Acq On : 24 Feb 2002 8:04 am Operator:
Sample : gc/ms scan 2/21 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

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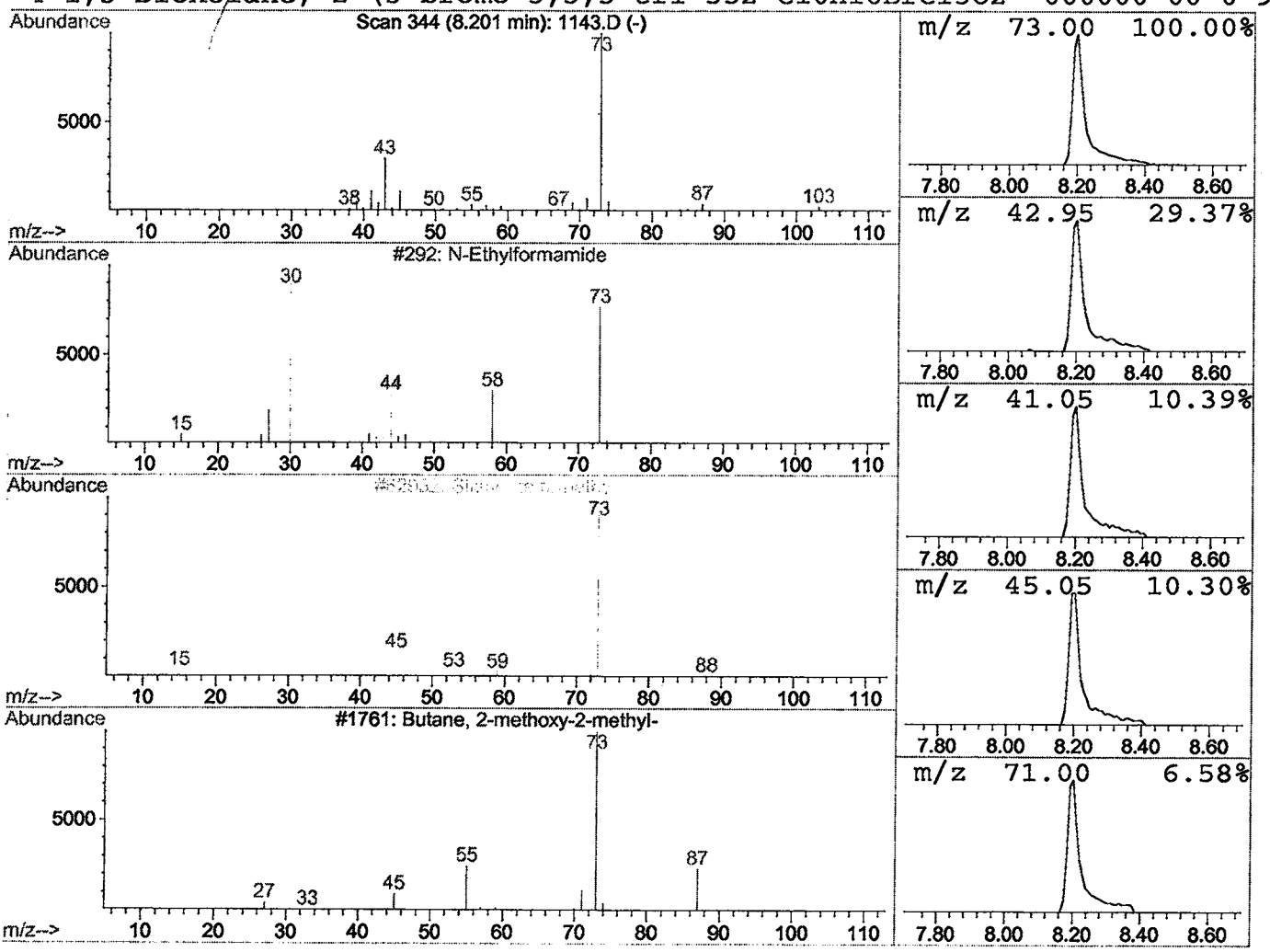
Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.23 ug/l	270123	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	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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\1143.D Vial: 65
Acq On : 24 Feb 2002 8:04 am Operator:
Sample : gc/ms scan 2/21 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

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Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	0.21 ug/l	17609	Phenanthrene-d10	25.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	86
3	Phosphonic acid, (3-methyl-3-penten	188	C8H13O3P	022152-34-7	50
4	Benzaldehyde, 2,6-difluoro-4-hydrox	188	C8H6F2O3	000000-00-0	38