User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/04/2002 Time: 12:11:08

Sample: AE00940
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/4/02 12:06 Ended: 3/4/02 12:06 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE00940 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-04-2002 Time: 16:36:06

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\940.D Vial: 62
Acq On : 24 Feb 2002 5:08 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 8:16 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	230437	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	879887	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	451622	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	642314	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	419627	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	264264	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	49431	7.37	ug/mL	0.31
Spiked Amount 5.000			Recovery = 147.40%			
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	20501	0.63	ug/l	95
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.		

4.37 8/1%

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

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Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

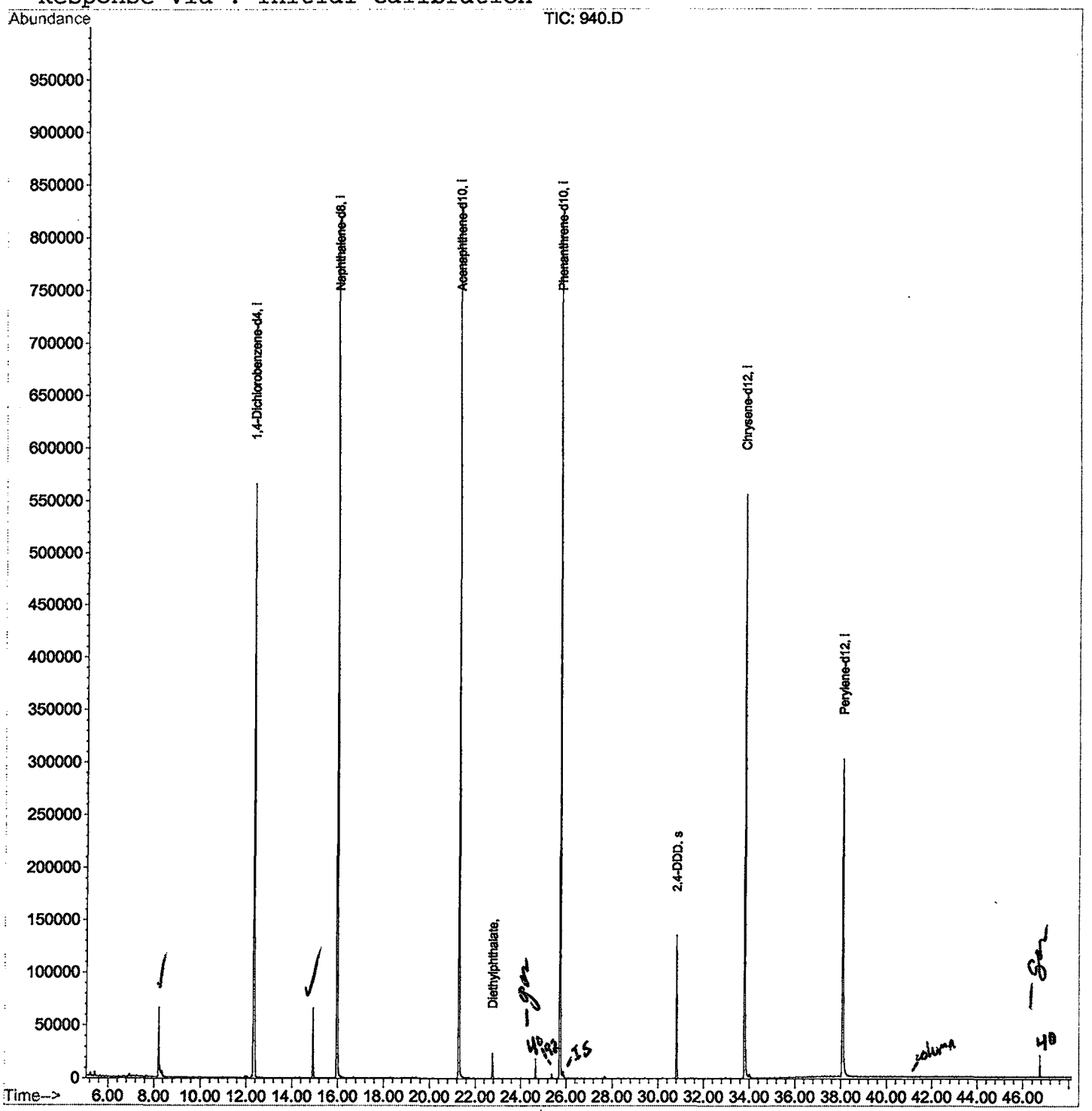
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.70	149	3187	N.D.	
36)	Fluoranthene	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	33.79	228	974	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	3145	N.D.	
43)	Chrysene	33.79	228	974	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	38.07	252	1067	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

Data File : C:\HPCHEM\1\DATA\FEB2102\940.D Vial: 62
Acq On : 24 Feb 2002 5:08 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 8:16 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\940.D Vial: 62
Acq On : 24 Feb 2002 5:08 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

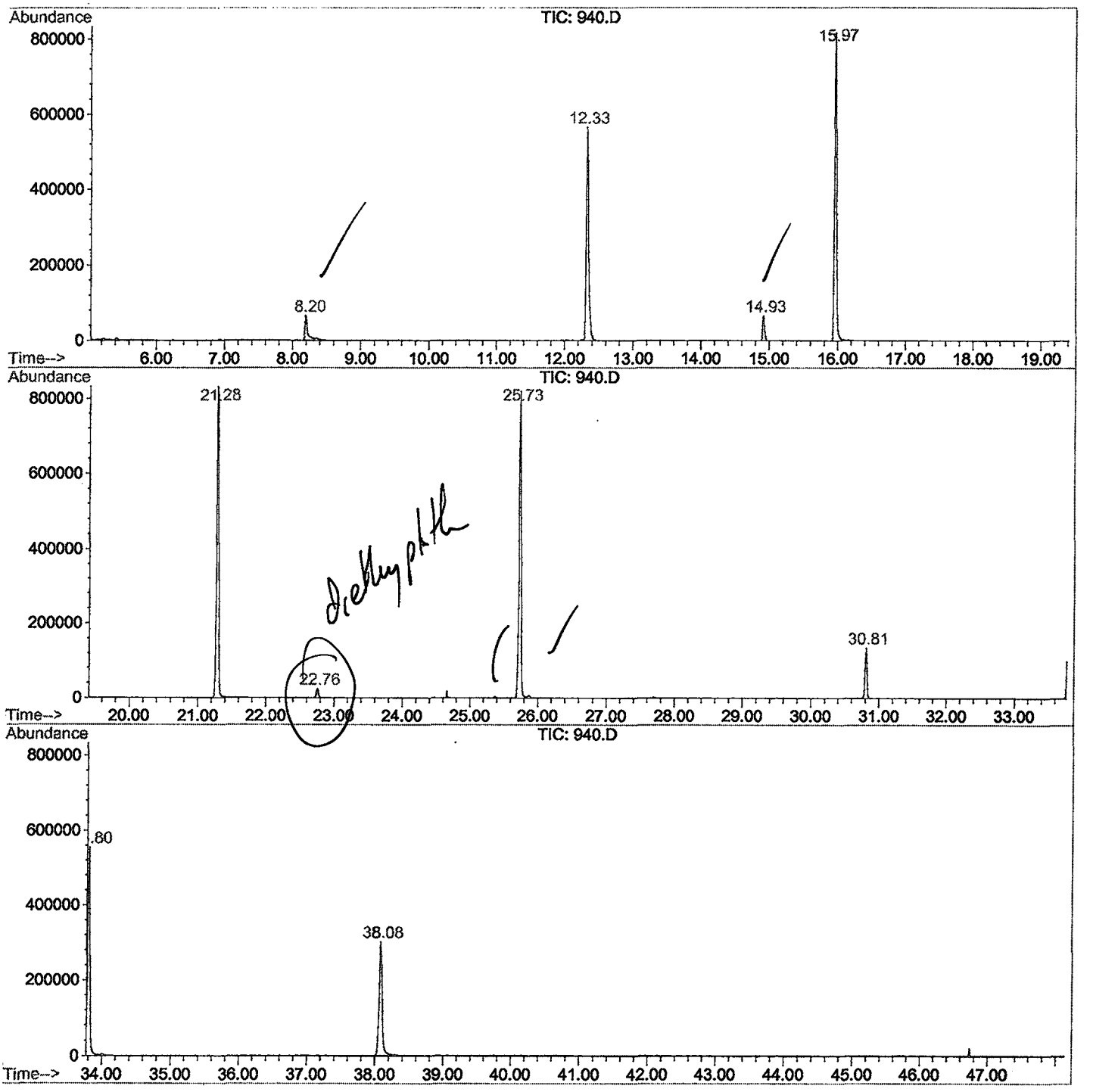
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.197	340	344	358	rBV	65028	165207	9.19%	1.751%
2	12.329	789	794	808	rVB	564783	1342477	74.69%	14.227%
3	14.927	1071	1077	1083	rVB	65981	131080	7.29%	1.389%
4	15.973	1185	1191	1202	rBV	815424	1731372	96.32%	18.349%
5	21.279	1763	1769	1789	rBV	832395	1797447	100.00%	19.049%
6	22.757	1923	1930	1935	rBV	24160	48163	2.68%	0.510%
7	25.732	2247	2254	2265	rBV2	818954	1729650	96.23%	18.331%
8	30.809	2802	2807	2814	rVB	134948	263001	14.63%	2.787%
9	33.801	3126	3133	3152	rBV	555149	1289243	71.73%	13.663%
10	38.079	3590	3599	3617	rBV	300937	938235	52.20%	9.943%

Sum of corrected areas: 9435875

940.D GCMS0208.M Fri Mar 01 09:10:55 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\940.D
Operator :
Acquired : 24 Feb 2002 5:08 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 62
Quant File :GCMS0208.RES (RTE Integrator)



940.D GCMS0208.M Fri Mar 01 09:11:01 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\940.D
Acq On : 24 Feb 2002 5:08 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 62
Operator:
Inst : GC/MS 209
Multiplr: 1.00

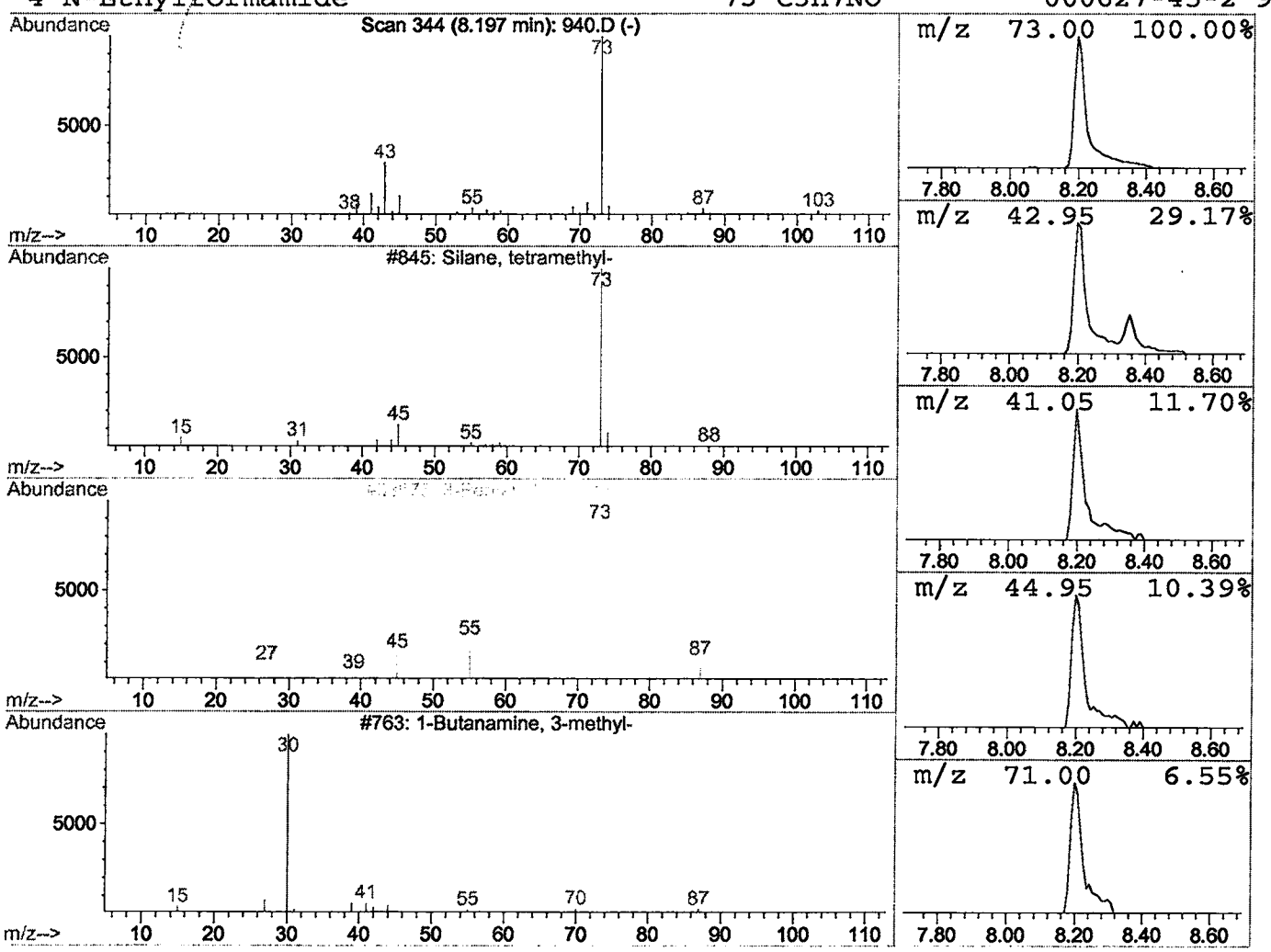
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.46 ug/l	165207	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\940.D Vial: 62
Acq On : 24 Feb 2002 5:08 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

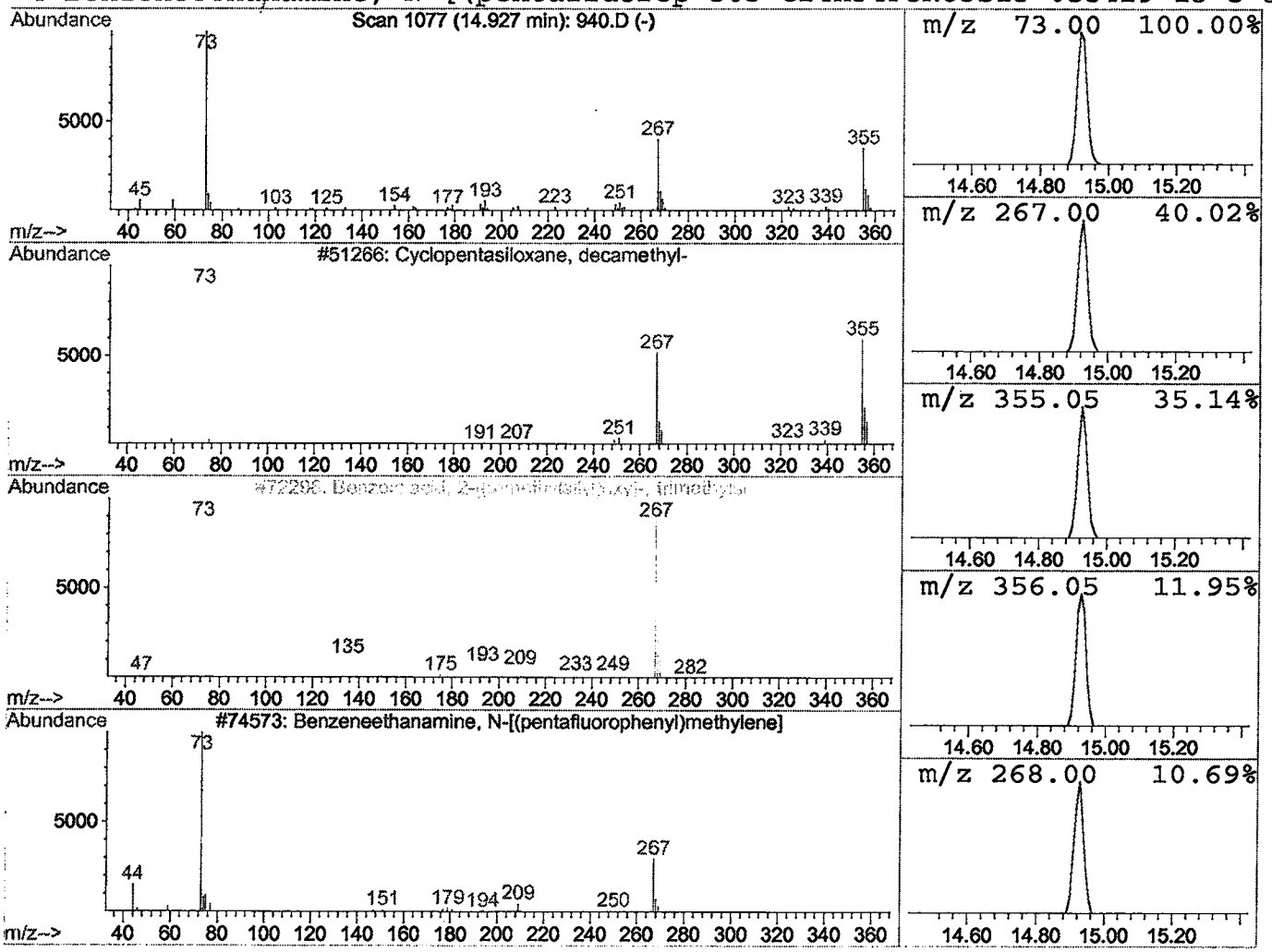
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	1.51 ug/l	131080	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	35



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 5:08 am
Data File: C:\HPCHEM\1\DATA\FEB2102\940.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
Silane, tetramethyl-	8.20	2.5	ug/l	165207	ISTD01	12.33	1342480	20.0
Cyclopentasiloxane,	14.93	1.5	ug/l	131080	ISTD02	15.97	1731370	20.0

940.D GCMS0208.M Fri Mar 01 09:11:14 2002