User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:32:42

Sample: AE03828
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:32 Ended: 3/29/02 11:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Comments for Sample AE03828 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:33:05

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3828.D Vial: 9
Acq On : 23 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:35 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	12.26	152	416485	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1598023	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	867256	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1289065	20.00	ug/l	-0.11
38) Chrysene-d12	33.71	240	763008	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	426867	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	86939	8.24	ug/mL	0.23
Spiked Amount 5.000			Recovery = ~~164.80%~~ 94%			
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	15.95	128	349	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	22.70	149	106	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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Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

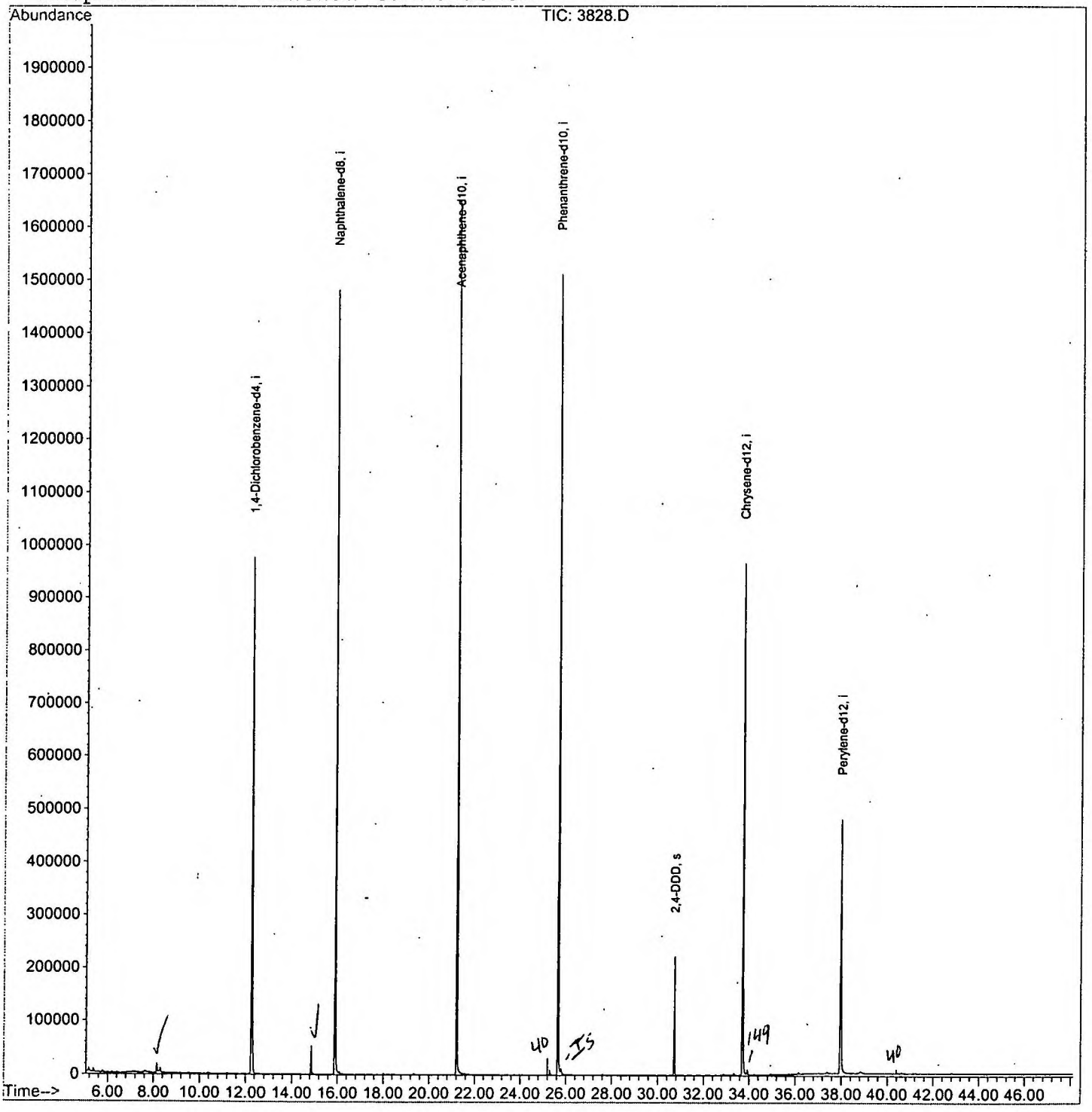
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	433	N.D.	
34)	Anthracene	25.64	178	433	N.D.	
35)	Di-n-butylphthalate	27.62	149	3072	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.15	149	606	N.D.	
41)	Benzo(a)anthracene	33.71	228	1706	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	6059	N.D.	
43)	Chrysene	33.81	228	296	N.D.	
45)	Di-n-Octylphthalate	35.67	149	211	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	530	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	846	N.D.	
48)	Benzo(a)pyrene	37.76	252	188	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\MAR2202\3828.D Vial: 9
Acq On : 23 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:35 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\3828.D Vial: 9
Acq On : 23 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/20 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

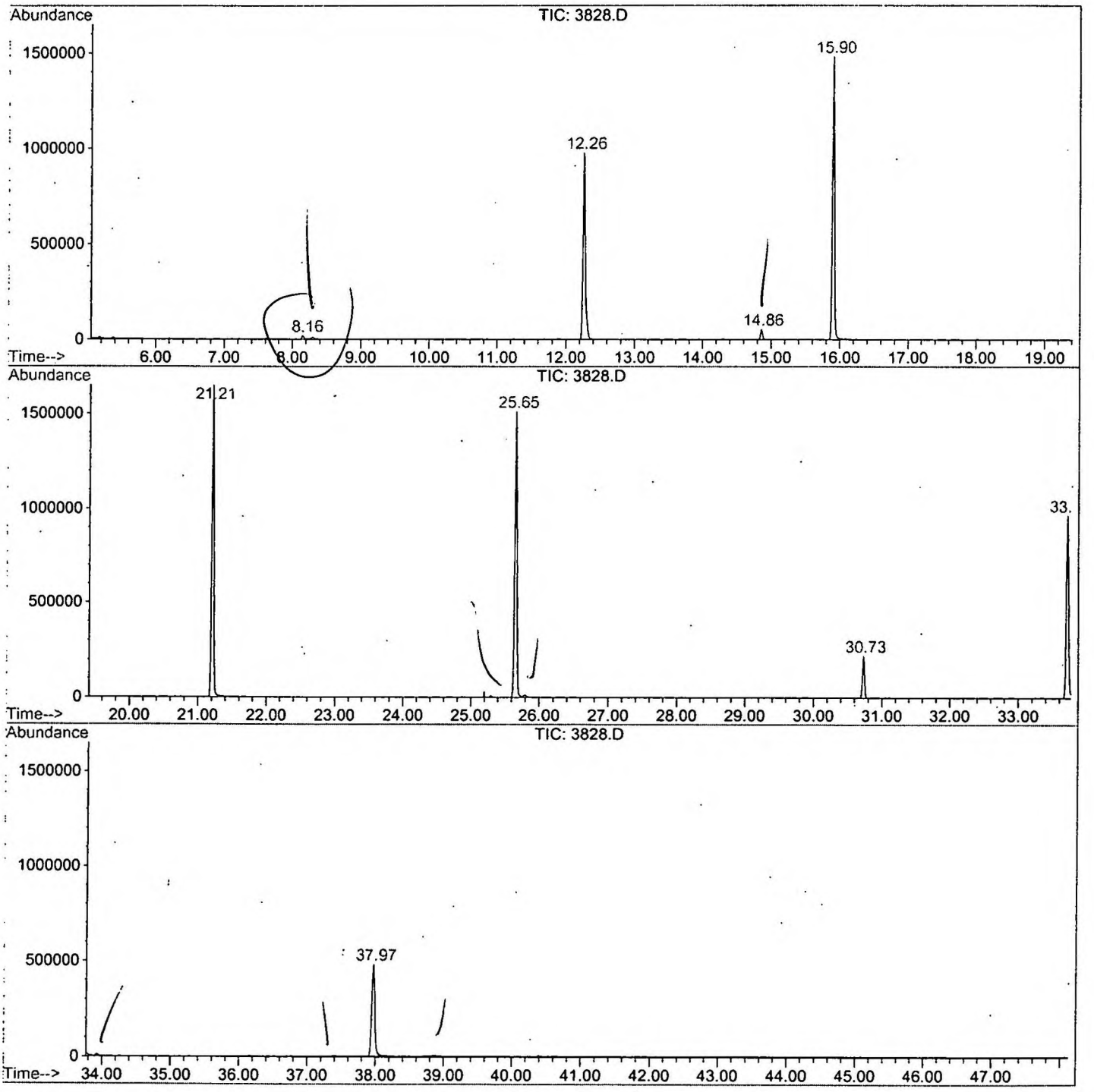
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.155	334	339	346	rBV	18320	43571	1.30%	0.268%
2	12.259	781	786	802	rBV	974849	2310205	69.10%	14.210%
3	14.857	1063	1069	1075	rBV	53349	106740	3.19%	0.657%
4	15.903	1176	1183	1201	rBV	1480500	3030980	90.66%	18.644%
5	21.210	1755	1761	1778	rBV	1650269	3343330	100.00%	20.565%
6	25.653	2238	2245	2256	rBV2	1510199	3264668	97.65%	20.082%
7	30.730	2793	2798	2805	rVB	221955	443191	13.26%	2.726%
8	33.713	3116	3123	3141	rBV2	965709	2238366	66.95%	13.769%
9	37.973	3578	3587	3602	rBV2	478712	1476027	44.15%	9.079%

Sum of corrected areas: 16257078

3828.D GCMS0308.M Tue Mar 26 14:56:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3828.D
Operator :
Acquired : 23 Mar 2002 1:59 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 9
Quant File :GCMS0308.RES (RTE Integrator)



3828.D GCMS0308.M Tue Mar 26 14:56:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3828.D Vial: 9
Acq On : 23 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

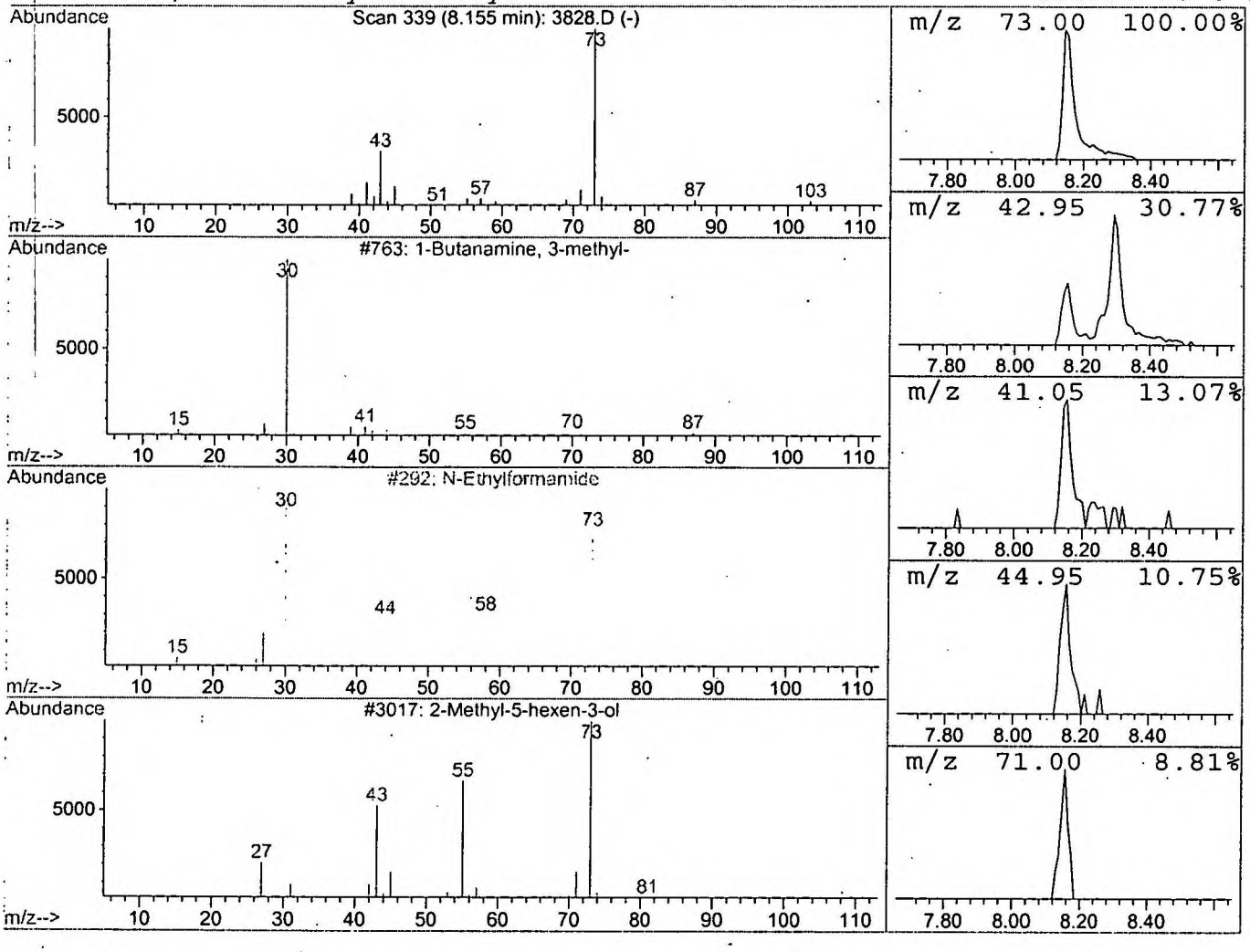
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanamine, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	0.38 ug/l	43571	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3828.D Vial: 9
Acq On : 23 Mar 2002 1:59 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

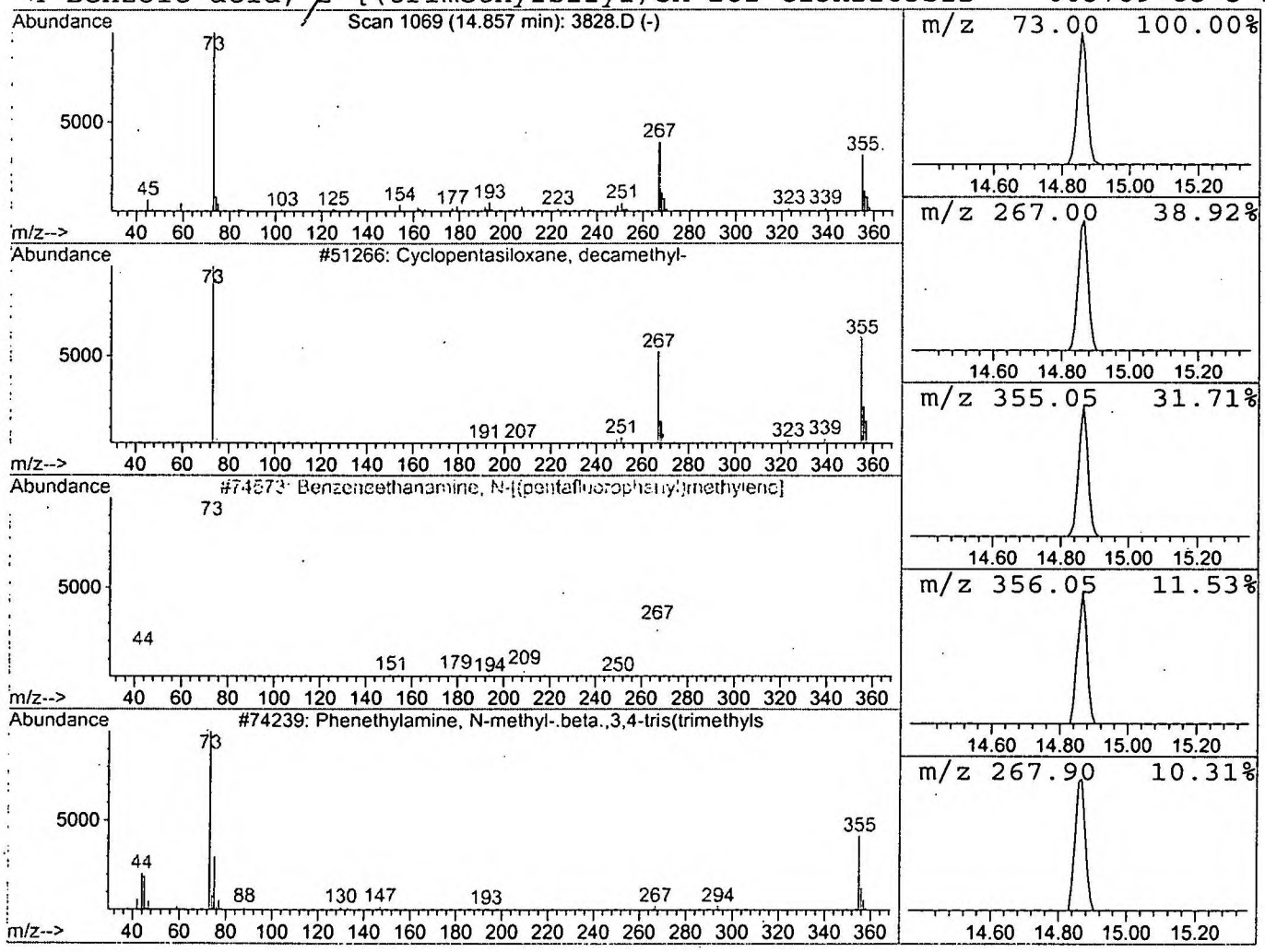
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	0.70 ug/l	106740	Naphthalene-d8	15.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 1:59 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3828.D
Name: gc/ms scan 2/20
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
1-Butanamine, 3-meth	8.16	0.4	ug/l	43571	ISTD01	12.26	2310210	20.0
Cyclopentasiloxane,	14.86	0.7	ug/l	106740	ISTD02	15.90	3030980	20.0

3828.D GCMS0308.M Tue Mar 26 14:57:12 2002