User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/05/2002 Time: 08:59:51

Sample: AE04946
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/5/02 08:59 Ended: 4/5/02 08:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		119		5.0

Comments for Sample AE04946 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-05-2002 Time: 09:00:12

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR3002\4946.D Vial: 13
Acq On : 30 Mar 2002 2:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:56 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	419314	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1539738	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	853843	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1194233	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	575490	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	313543	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	71263	5.95	ug/mL	0.22
Spiked Amount 5.000			Recovery = 119.00%			
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	327	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

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Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 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	25.63	178	386	N.D.	
34)	Anthracene	25.63	178	386	N.D.	
35)	Di-n-butylphthalate	27.60	149	5769	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	33.70	228	1397	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	897	N.D.	
43)	Chrysene	33.76	228	749	N.D.	
45)	Di-n-Octylphthalate	35.64	149	382	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	728	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	983	N.D.	
48)	Benzo(a)pyrene	37.76	252	210	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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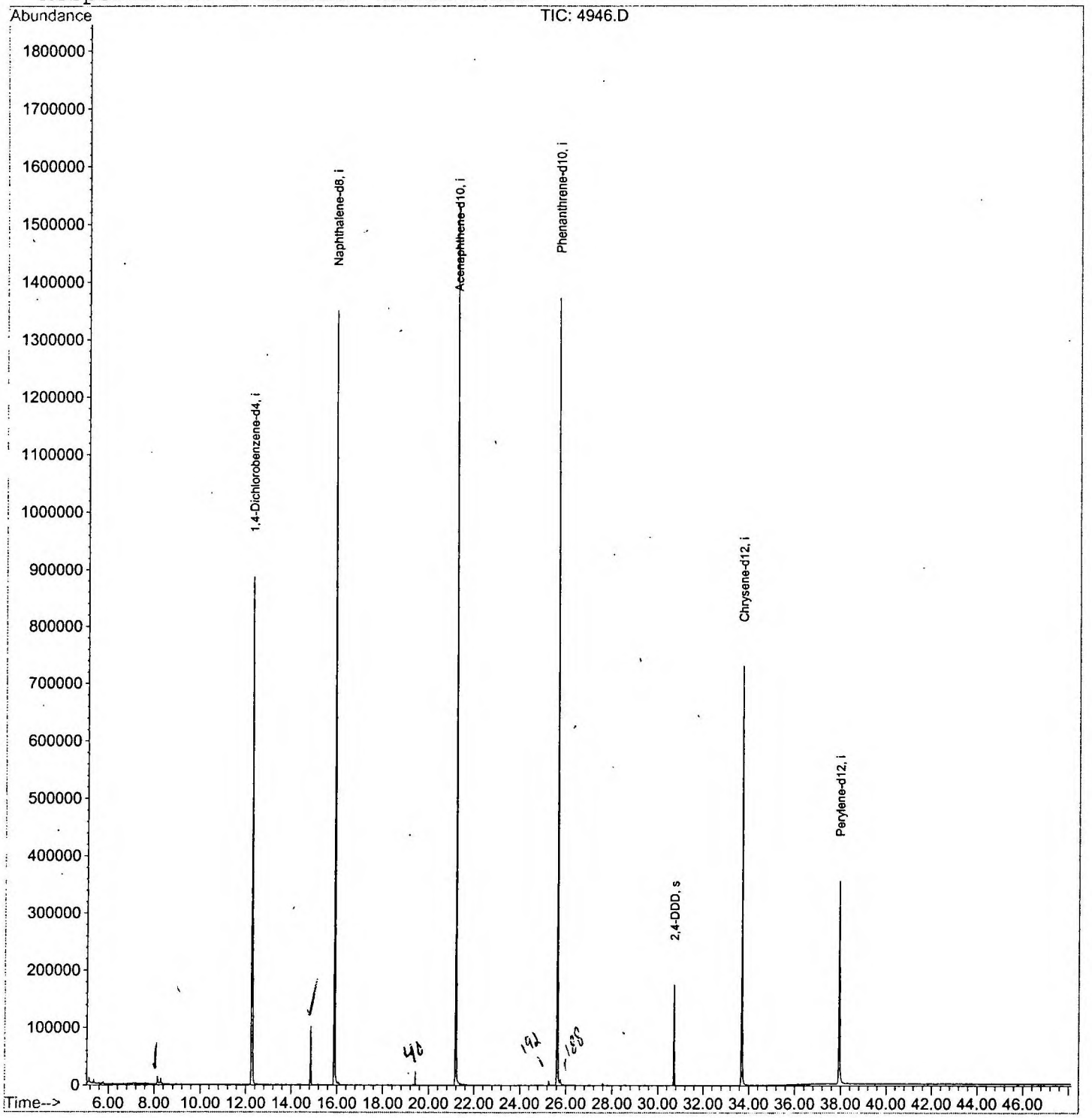
Acq On : 30 Mar 2002 2:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 10:56 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4946.D Vial: 13
Acq On : 30 Mar 2002 2:52 am Operator:
Sample : gc/ms scan 3/6 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

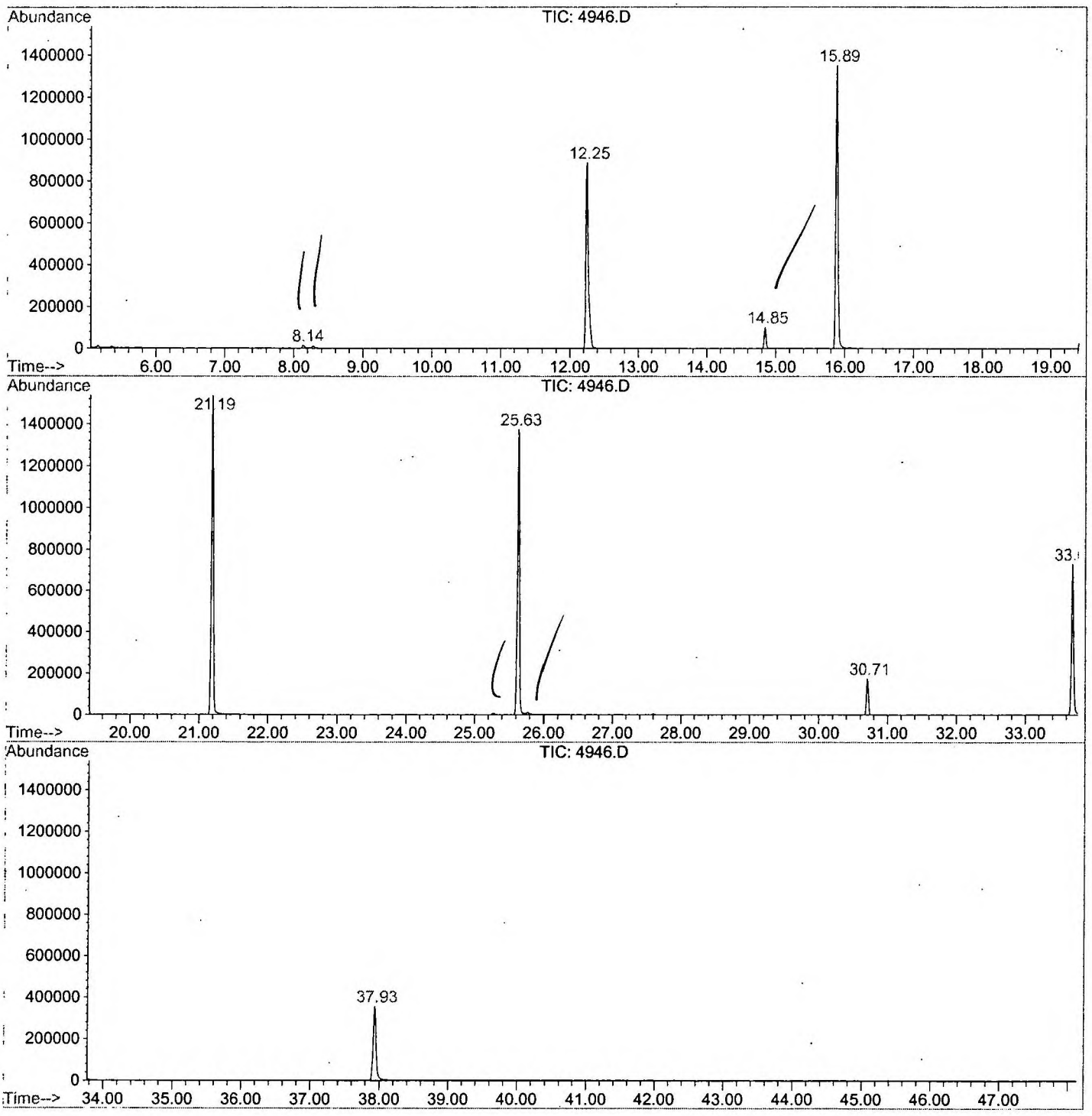
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.140	333	337	347	rBV	13260	33658	1.04%	0.229%
2	12.253	779	785	798	rBV	886725	2260636	69.71%	15.396%
3	14.851	1063	1068	1075	rVB	101949	197304	6.08%	1.344%
4	15.888	1175	1181	1196	rBV	1350289	2904218	89.56%	19.780%
5	21.186	1752	1758	1771	rBV	1537969	3242826	100.00%	22.086%
6	25.629	2236	2242	2254	rBV	1373486	2994149	92.33%	20.392%
7	30.705	2790	2795	2802	rBV	175362	346072	10.67%	2.357%
8	33.689	3113	3120	3138	rBV2	732339	1647443	50.80%	11.220%
9	37.930	3574	3582	3597	rBV2	354272	1056628	32.58%	7.196%

Sum of corrected areas: 14682934

4946.D GCMS0308.M Tue Apr 02 11:08:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\4946.D
Operator :
Acquired : 30 Mar 2002 2:52 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/6
Misc Info :
Vial Number: 13
Quant File :GCMS0308.RES (RTE Integrator)



4946.D GCMS0308.M Tue Apr 02 11:08:48 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4946.D Vial: 13
Acq On : 30 Mar 2002 2:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

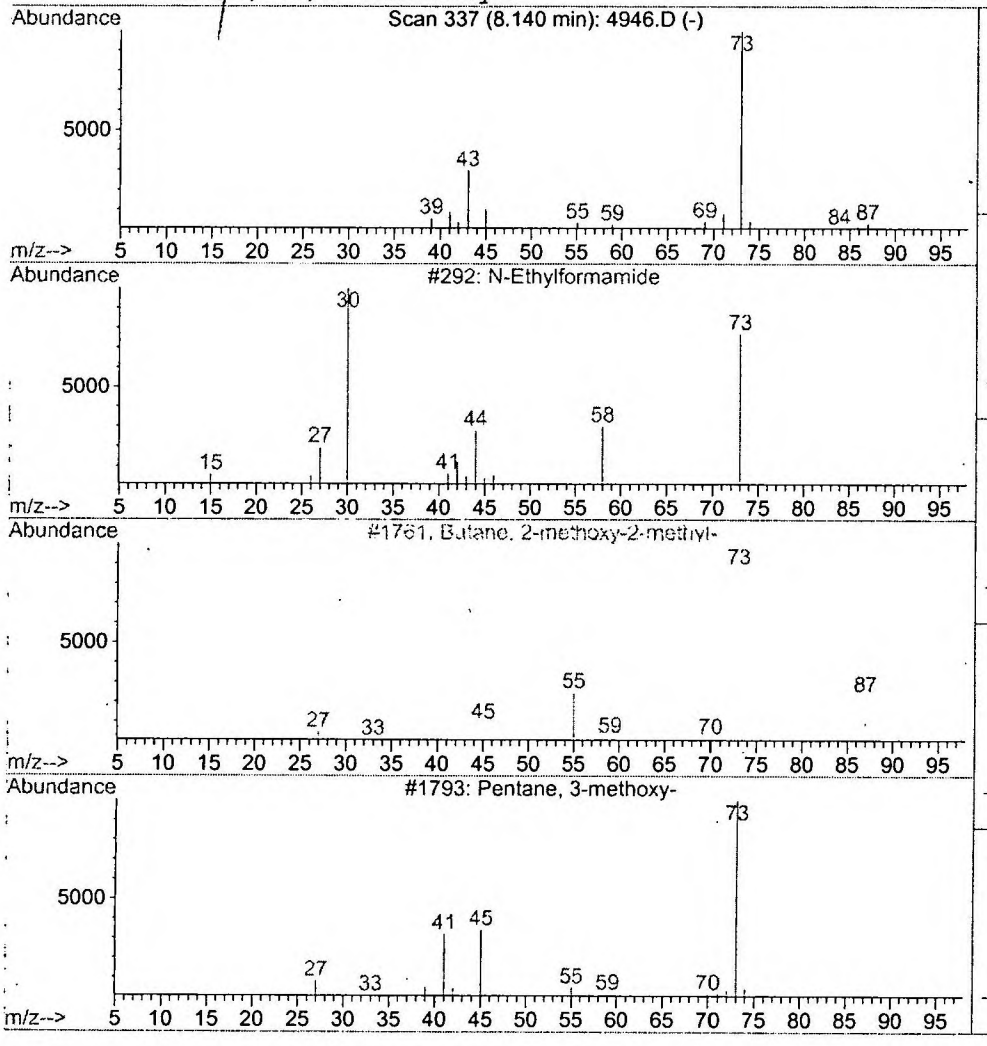
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

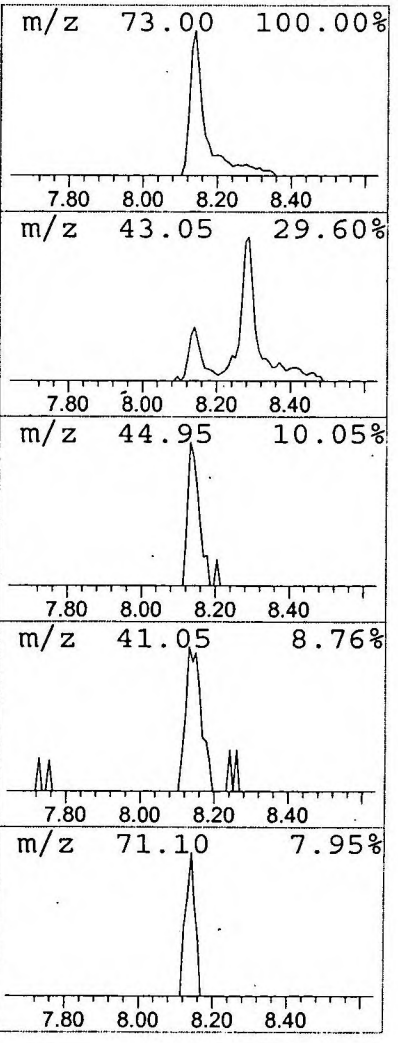
****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.30 ug/l	33658	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\4946.D Vial: 13
Acq On : 30 Mar 2002 2:52 am Operator:
Sample : gc/ms scan 3/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

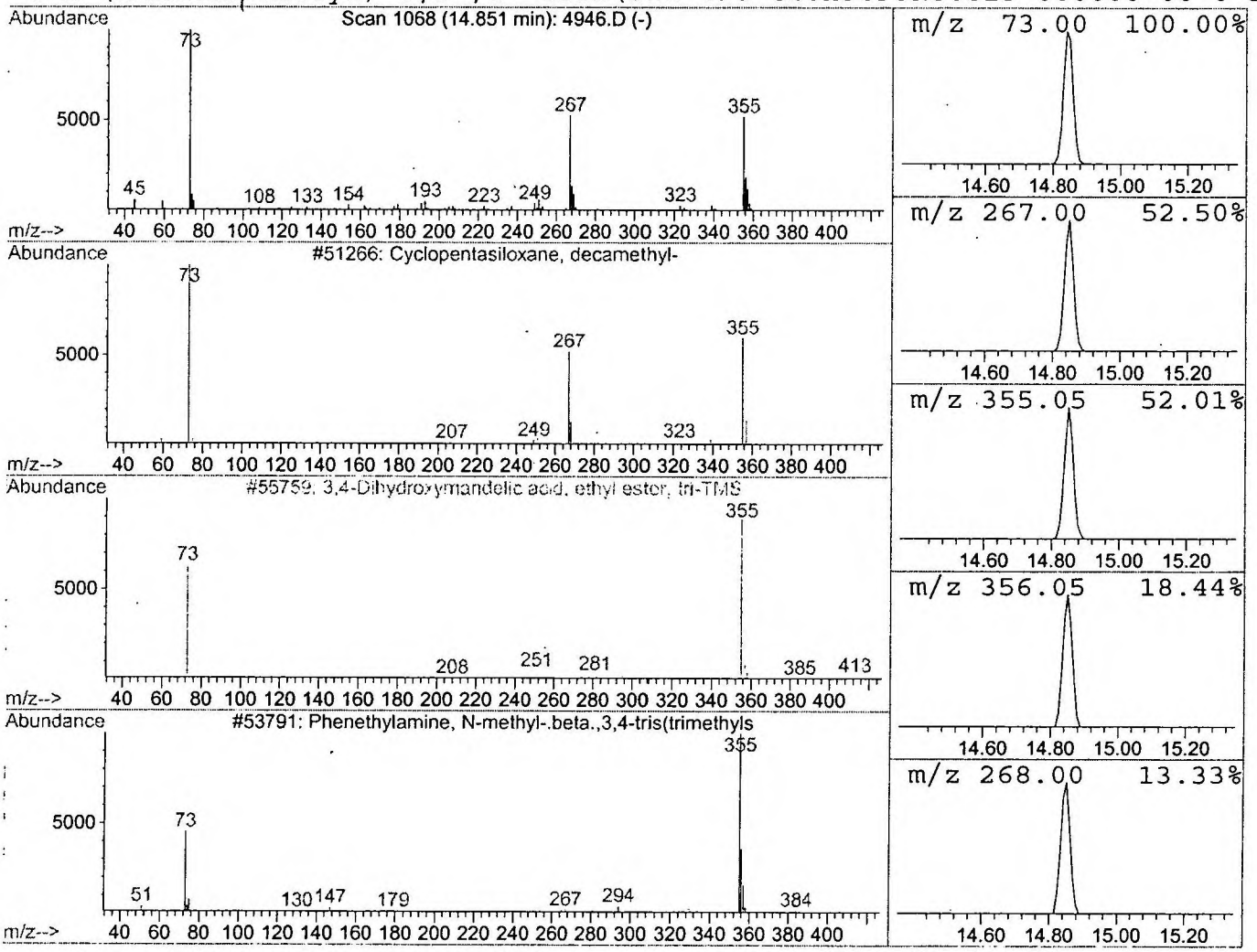
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	1.36 ug/l	197304	Naphthalene-d8	15.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	3,4-Dihydroxymandelic acid, ethyl e	428	C19H36O5Si3	000000-00-0	47
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 2:52 am
Data File: C:\HPCHEM\1\DATA\MAR3002\4946.D
Name: gc/ms scan 3/6
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	8.14	0.3	ug/l	33658	ISTD01	12.25	2260640	20.0
Cyclopentasiloxane,	14.85	1.4	ug/l	197304	ISTD02	15.89	2904220	20.0

4946.D GCMS0308.M Tue Apr 02 11:09:01 2002