User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:11:28

Sample: AE04732
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 11:09 Ended: 4/2/02 11:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		93		5.0

Comments for Sample AE04732 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:11:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2602\4732.D Vial: 14
Acq On : 26 Mar 2002 10:35 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 23:24 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	12.25	152	563060	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	2148343	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1155650	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1651742	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	847032	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	488570	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	85617	~~6.33~~ 4.64	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~126.60%~~ 93%		

Target Compounds				Qvalue
2) N-nitroso-dimethyl amine	5.48	74	227	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	15.94	128	597	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	22.67	149	451	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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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

	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	25.70	178	173	N.D.	
34)	Anthracene	25.70	178	173	N.D.	
35)	Di-n-butylphthalate	27.60	149	2157	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	33.69	228	2042	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	558	N.D.	
43)	Chrysene	33.69	228	2043	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	37.95	252	1963	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

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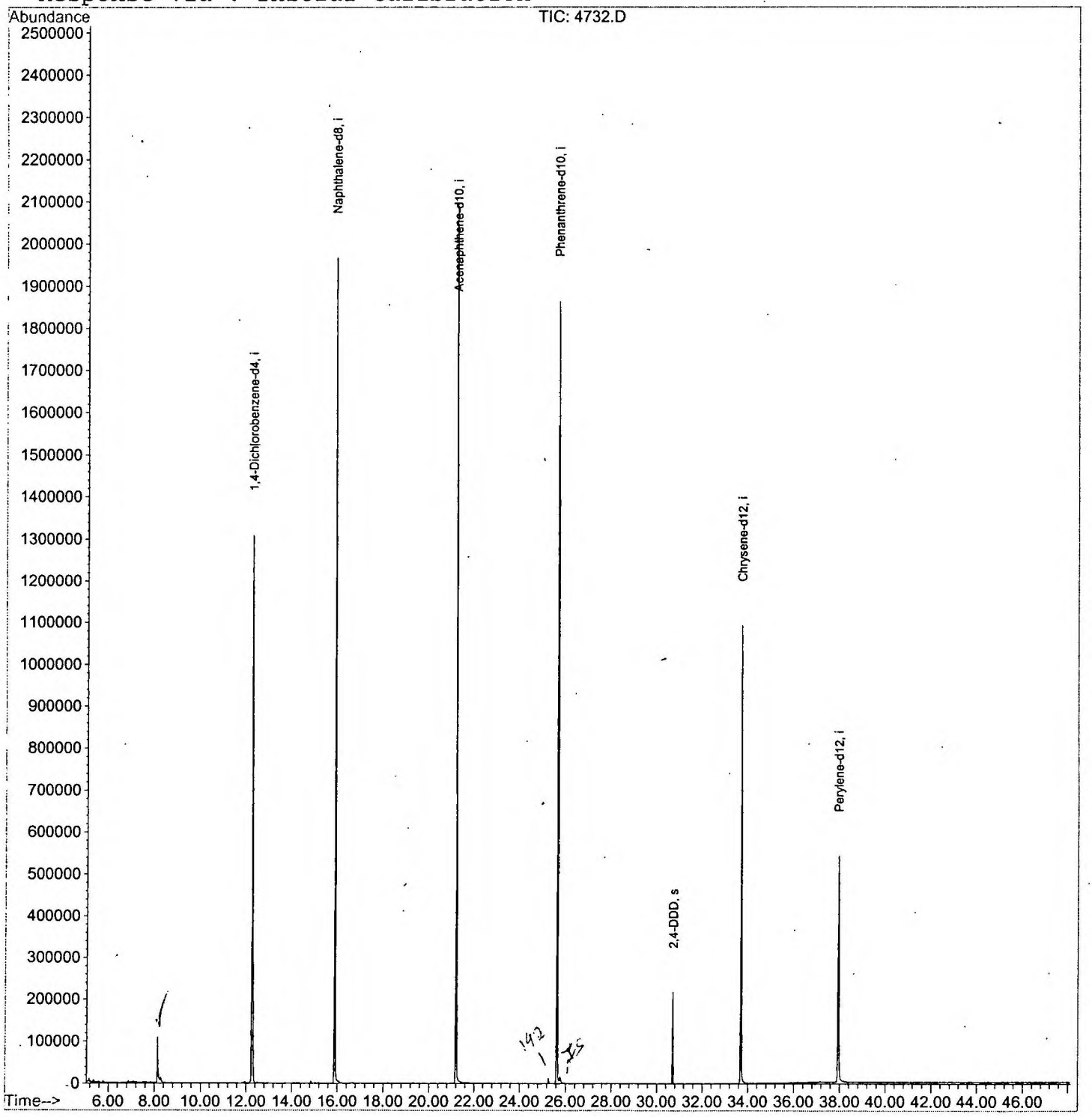
Acq On : 26 Mar 2002 10:35 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 23:24 2002 Quant Results File: GCMS0308.RES

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\MAR2602\4732.D Vial: 14
Acq On : 26 Mar 2002 10:35 pm Operator:
Sample : gc/ms scan 3/4 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

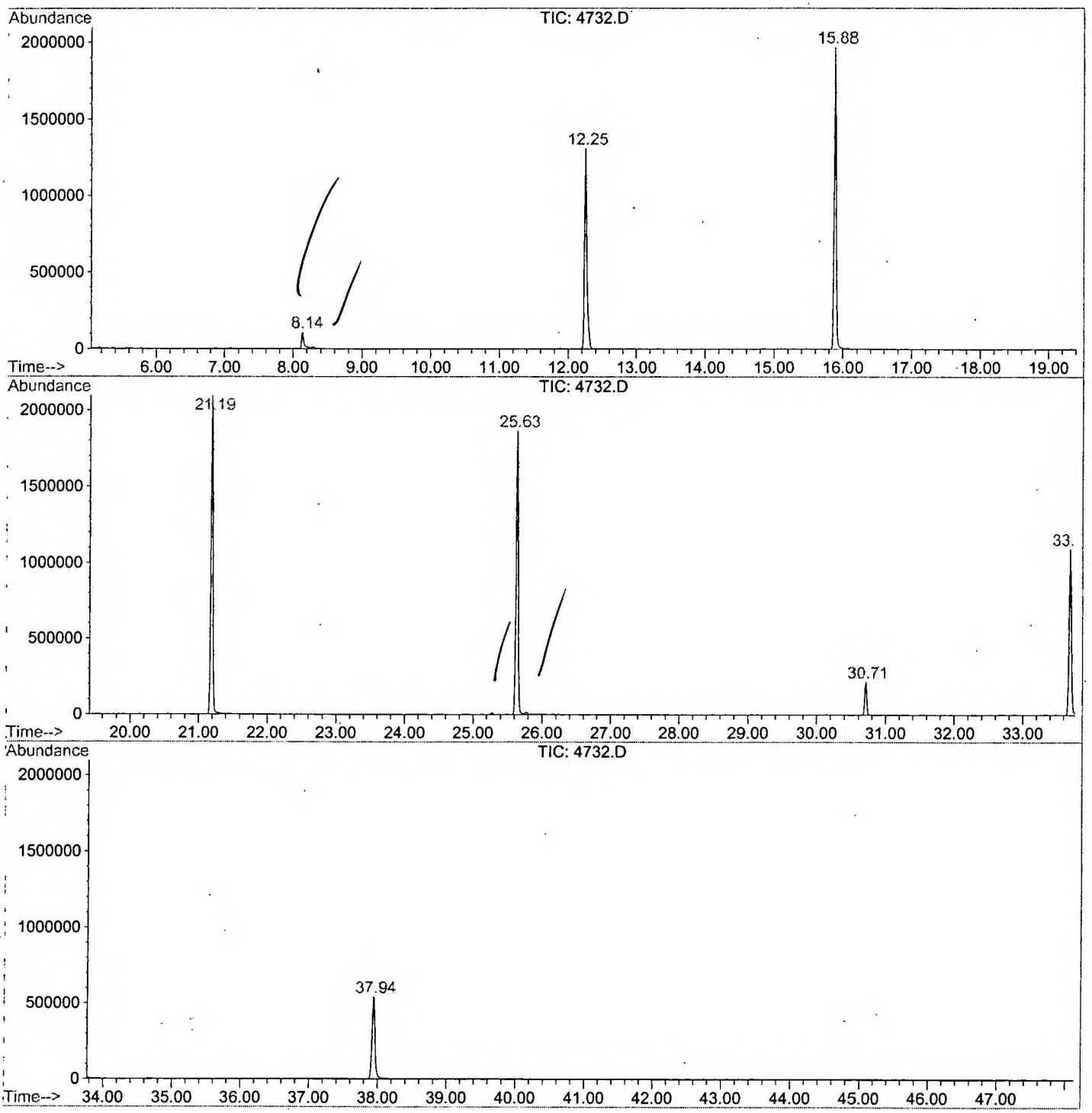
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.137	332	337	351	rBV	107494	275328	6.24%	1.347%
2	12.249	780	785	802	rVB	1306924	3044608	69.01%	14.898%
3	15.885	1175	1181	1195	rBV	1966279	4035751	91.48%	19.748%
4	21.191	1753	1759	1774	rBV	2096306	4411611	100.00%	21.587%
5	25.634	2236	2243	2253	rBV2	1864049	4137601	93.79%	20.246%
6	30.711	2791	2796	2802	rBV	217307	419202	9.50%	2.051%
7	33.695	3114	3121	3140	rBV2	1092478	2445123	55.42%	11.964%
8	37.936	3575	3583	3602	rBV2	539760	1667344	37.79%	8.159%

Sum of corrected areas: 20436568

4732.D GCMS0308.M Thu Mar 28 16:33:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4732.D
Operator :
Acquired : 26 Mar 2002 10:35 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 14
Quant File :GCMS0308.RES (RTE Integrator)



4732.D GCMS0308.M Thu Mar 28 16:33:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4732.D Vial: 14
Acq On : 26 Mar 2002 10:35 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

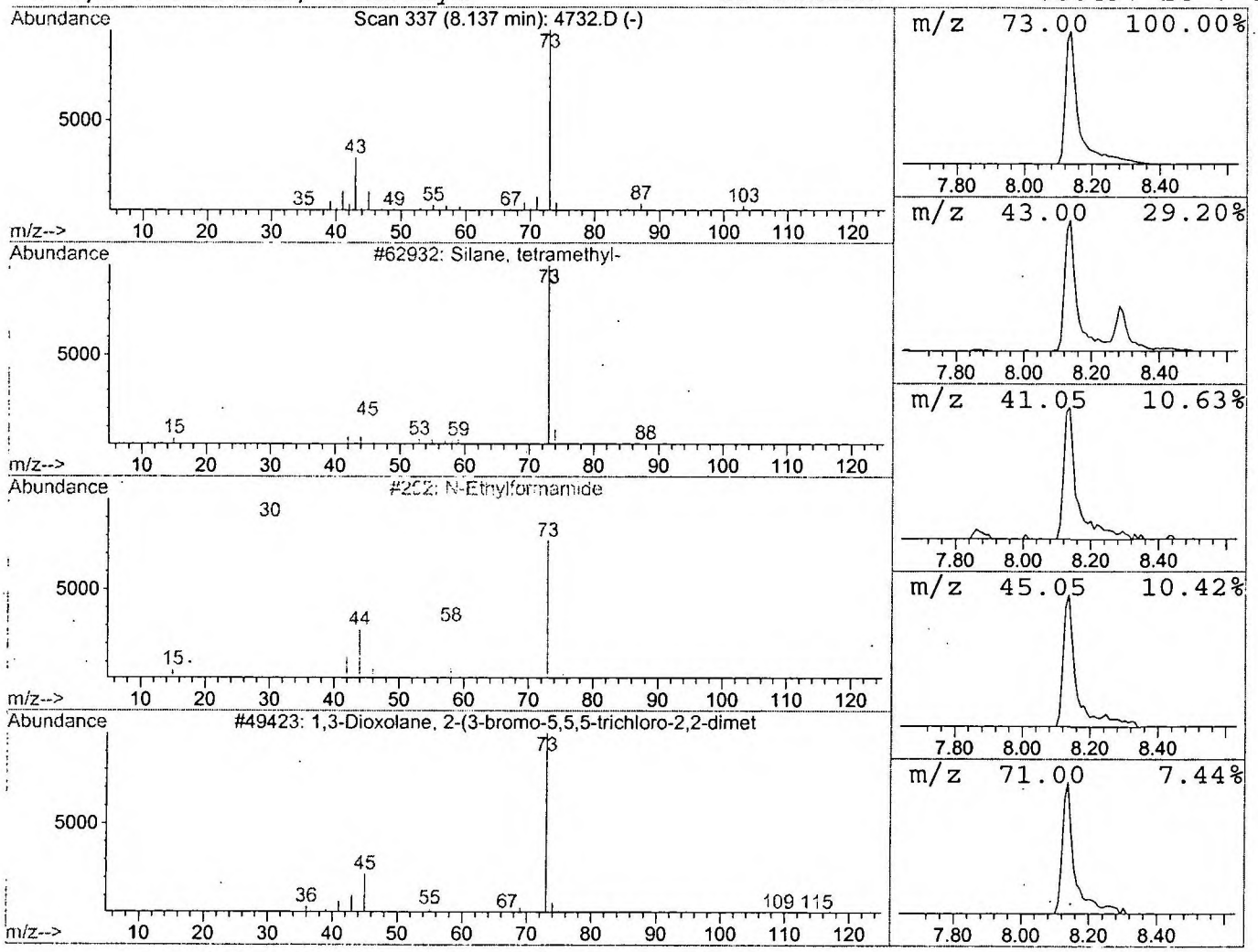
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.81 ug/l	275328	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 10:35 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4732.D
Name: gc/ms scan 3/4
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
Silane, tetramethyl-	8.14	1.8	ug/l	275328	ISTD01	12.25	3044610	20.0

4732.D GCMS0308.M Thu Mar 28 16:33:15 2002