User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:02:02

Sample: AE04125
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 11:53 Ended: 4/1/02 11:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE04125 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:02:52

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4125.D Vial: 21
Acq On : 23 Mar 2002 3:46 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:43 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	449874	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1743632	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.21	164	962483	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1451562	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	916301	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	542868	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	87972	~~7.40~~ 4.76	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~148.00%~~ 95%		
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	15.96	128	798	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	22.69	149	1192	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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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	25.67	178	380	N.D.	
34)	Anthracene	25.67	178	379	N.D.	
35)	Di-n-butylphthalate	27.62	149	10786	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.16	149	295	N.D.	
41)	Benzo(a)anthracene	33.73	228	2283	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	8543	N.D.	
43)	Chrysene	33.73	228	2381	N.D.	
45)	Di-n-Octylphthalate	35.68	149	664	N.D.	
46)	Benzo(b)fluoranthene	36.79	252	969	N.D.	
47)	Benzo(k)fluoranthene	36.79	252	2129	N.D.	
48)	Benzo(a)pyrene	37.78	252	644	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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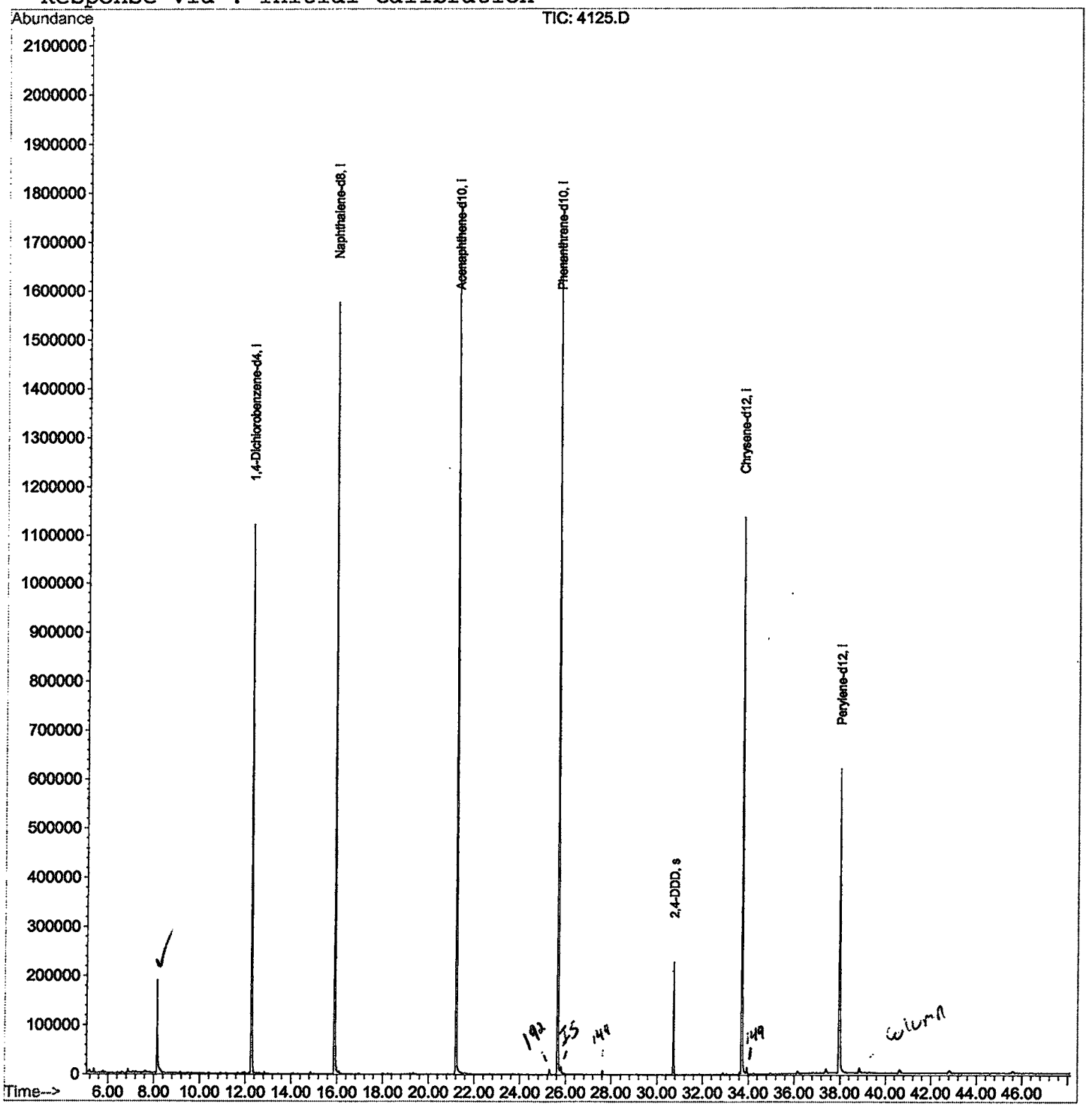
Acq On : 23 Mar 2002 3:46 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:43 2002 Quant Results File: GCMS0308.RES

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\4125.D Vial: 21
Acq On : 23 Mar 2002 3:46 pm Operator:
Sample : gc/ms scan 2/25 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

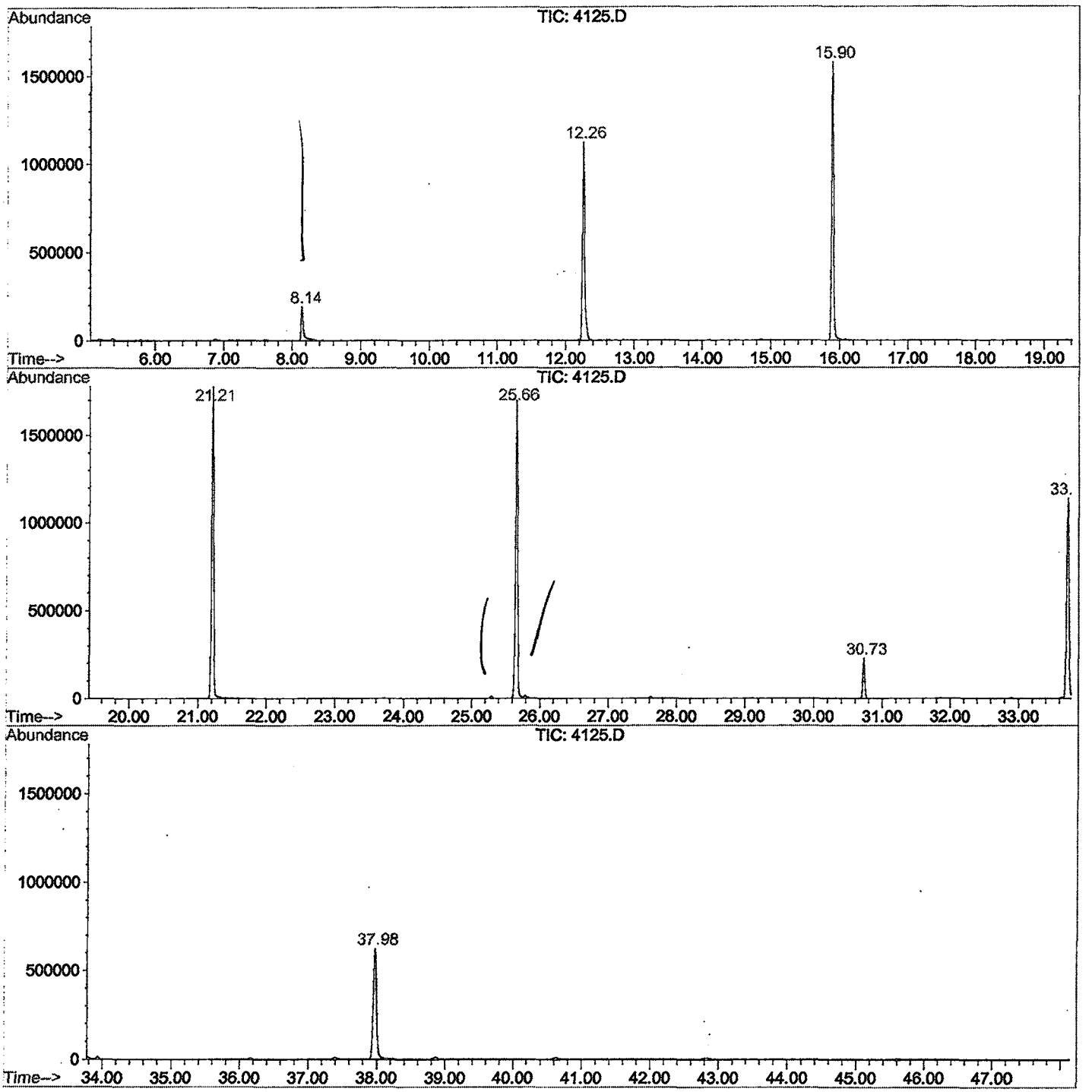
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.141	333	337	354	rBV	188306	441951	11.93%	2.388%
2	12.263	781	786	799	rBV	1119390	2456651	66.31%	13.274%
3	15.898	1176	1182	1196	rBV	1576191	3302626	89.15%	17.845%
4	21.214	1754	1761	1778	rBV	1779724	3704673	100.00%	20.017%
5	25.657	2238	2245	2256	rBV2	1696971	3645104	98.39%	19.695%
6	30.734	2792	2798	2804	rBV	228536	436619	11.79%	2.359%
7	33.717	3117	3123	3137	rBV2	1136203	2649269	71.51%	14.315%
8	37.977	3578	3587	3601	rBV2	618022	1870621	50.49%	10.107%

Sum of corrected areas: 18507514

4125.D GCMS0308.M Wed Mar 27 10:01:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4125.D
Operator :
Acquired : 23 Mar 2002 3:46 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 21
Quant File :GCMS0308.RES (RTE Integrator)



4125.D GCMS0308.M Wed Mar 27 10:01:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4125.D Vial: 21
Acq On : 23 Mar 2002 3:46 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

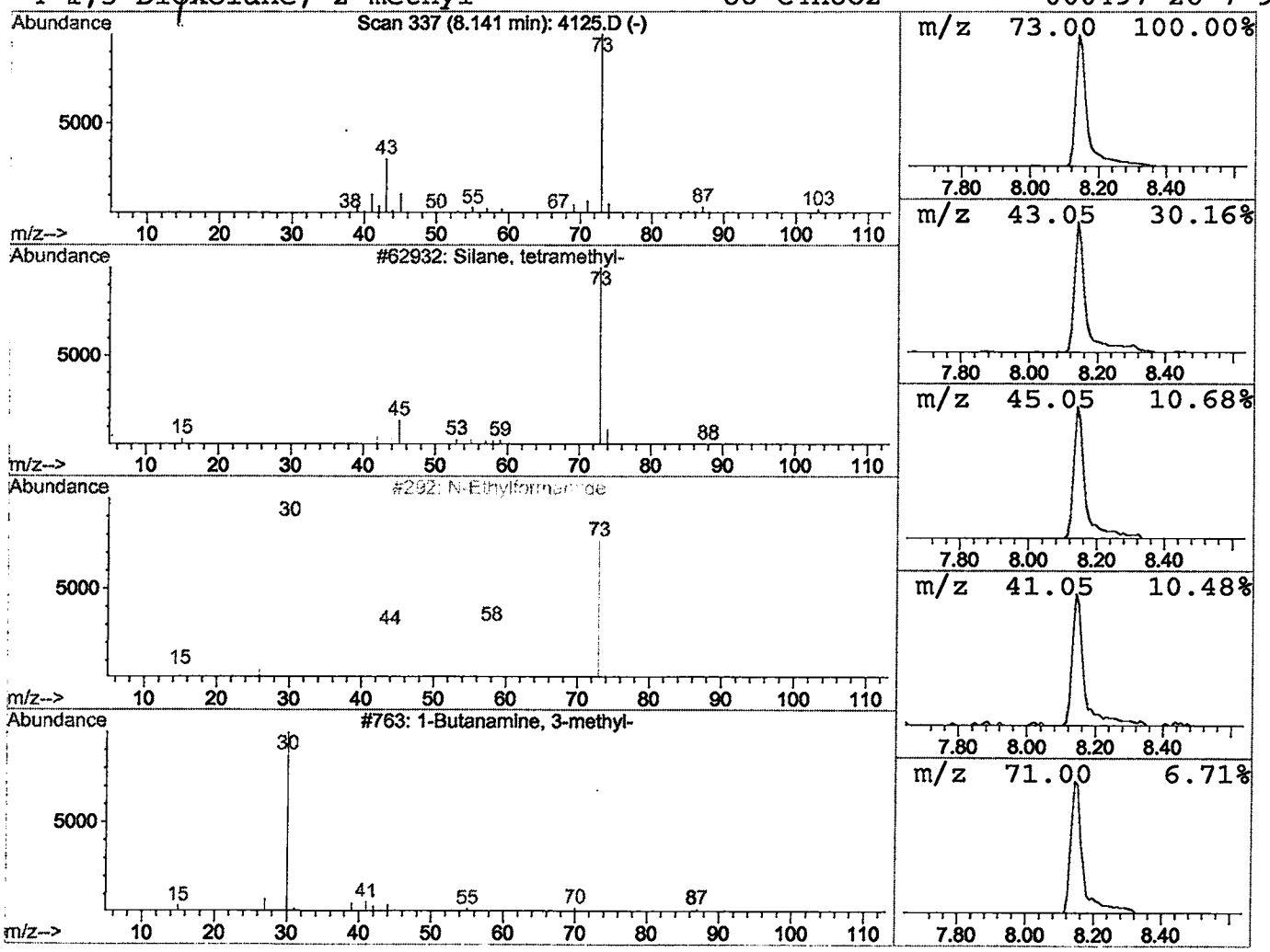
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.60 ug/l	441951	1,4-Dichlorobenzene-d4	12.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 3:46 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4125.D
Name: gc/ms scan 2/25
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	3.6	ug/l	441951	ISTD01	12.26	2456650	20.0

4125.D GCMS0308.M Wed Mar 27 10:01:35 2002