User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/06/2002 Time: 15:23:17

Sample: AE01733
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/6/02 15:22 Ended: 3/6/02 15:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AE01733 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-06-2002 Time: 15:24:07

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\FEB2502\1733.D Vial: 19
Acq On : 26 Feb 2002 5:14 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:23 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	12.32	152	255729	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	974210	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	510207	20.00	ug/l	-0.05
29) Phenanthrene-d10	25.71	188	707050	20.00	ug/l	-0.06
38) Chrysene-d12	33.78	240	448731	20.00	ug/l	-0.07
44) Perylene-d12	38.05	264	297044	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	40809	5.53	ug/mL	0.30
Spiked Amount 5.000			Recovery = 110.60%			
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	16.01	128	392	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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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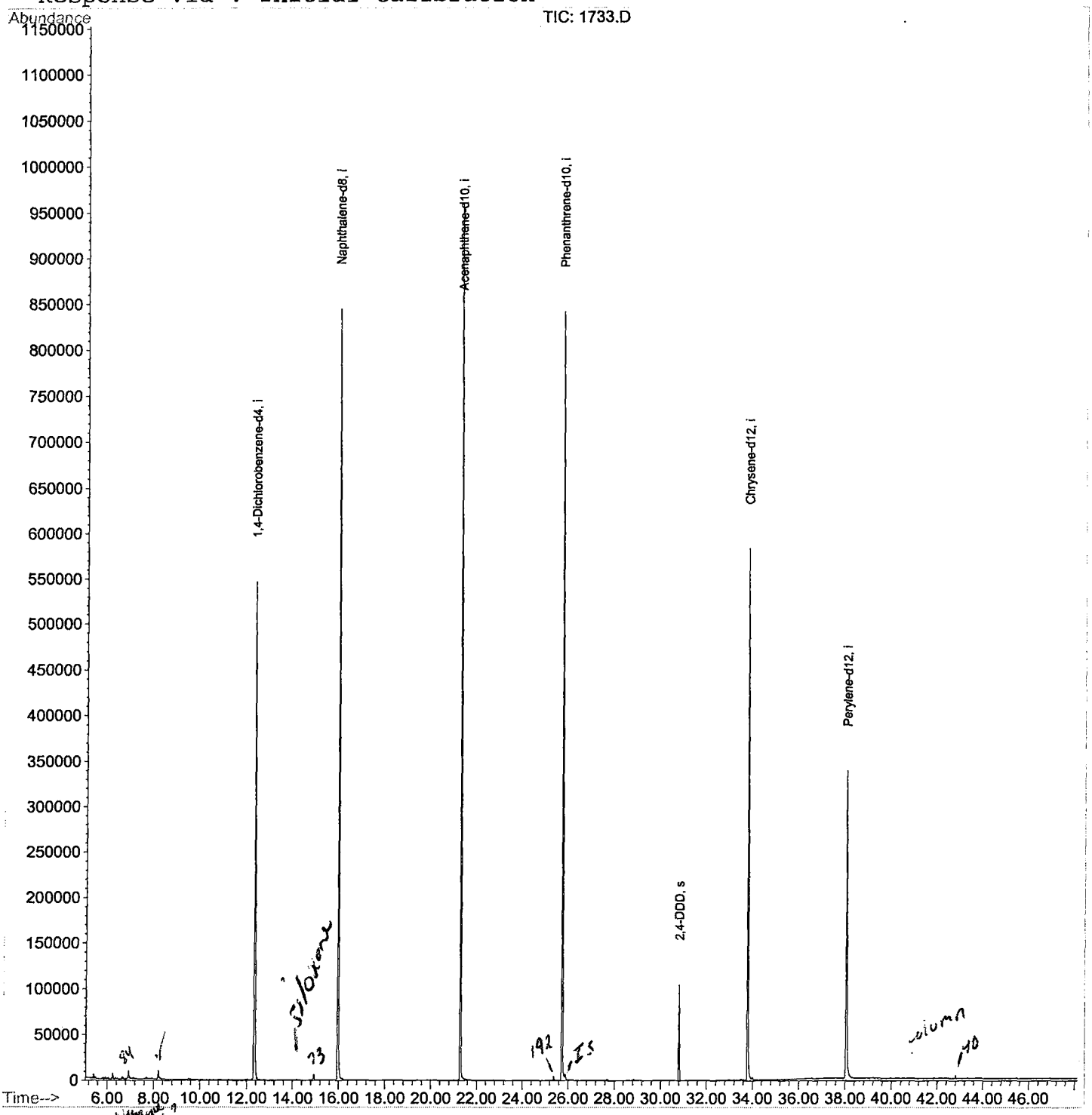
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

	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	27.67	149	2402	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	33.78	228	1001	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2352	N.D.	
43)	Chrysene	33.78	228	1001	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	38.06	252	1233	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

Data File : C:\HPCHEM\1\DATA\FEB2502\1733.D Vial: 19
Acq On : 26 Feb 2002 5:14 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 11:23 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 e : C:\HPCHEM\1\DATA\FEB2502\1733.D Vial: 19
Acq : 26 Feb 2002 5:14 am Operator:
Sam : gc/ms scan 1/25 Inst : GC/MS 209
Mis : 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

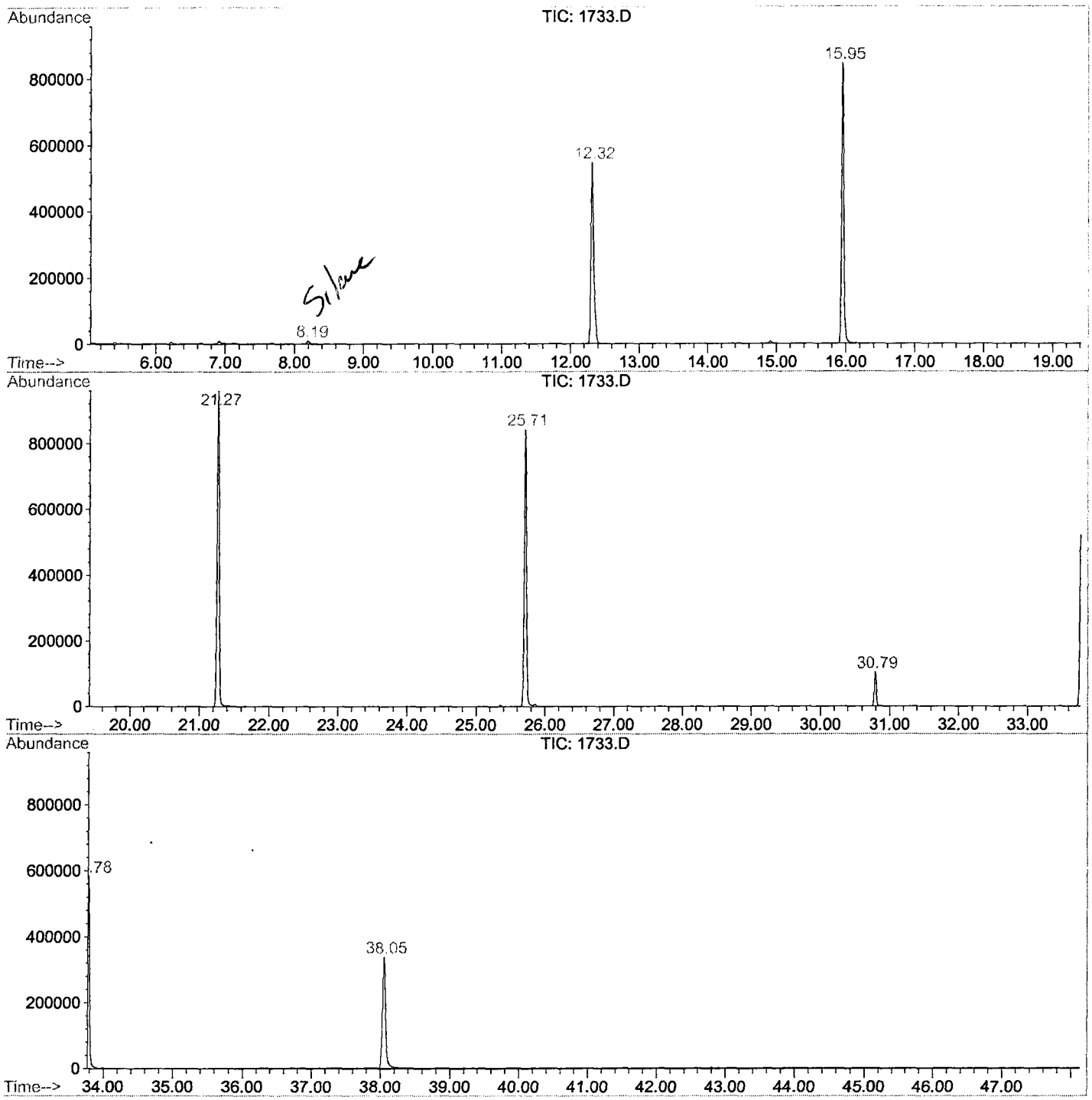
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.194	339	343	352	rBV	9163	22927	1.14%	0.234%
2	12.316	786	792	807	rBV	546044	1439594	71.34%	14.666%
3	15.952	1182	1188	1201	rBV	844808	1892498	93.79%	19.280%
4	21.267	1761	1767	1786	rBV	959997	2017911	100.00%	20.558%
5	25.710	2245	2251	2263	rBV2	841452	1866380	92.49%	19.014%
	30.787	2799	2804	2811	rBV	104584	205630	10.19%	2.095%
	33.780	3123	3130	3145	rBV2	582724	1343167	66.56%	13.684%
	38.049	3587	3595	3617	rBV2	336676	1027653	50.93%	10.469%

Sum of corrected areas: 9815760

33.D GCMS0208.M Thu Feb 28 11:45:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2502\1733.D
Operator :
Acquired : 26 Feb 2002 5:14 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 1/25
Misc Info :
Vial Number: 19
Quant File :GCMS0208.RES (RTE Integrator)



1733.D GCMS0208.M Thu Feb 28 11:45:38 2002

Data File : C:\HPCHEM\1\DATA\FEB2502\1733.D Vial: 19
Acq On : 26 Feb 2002 5:14 am Operator:
Sample : gc/ms scan 1/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

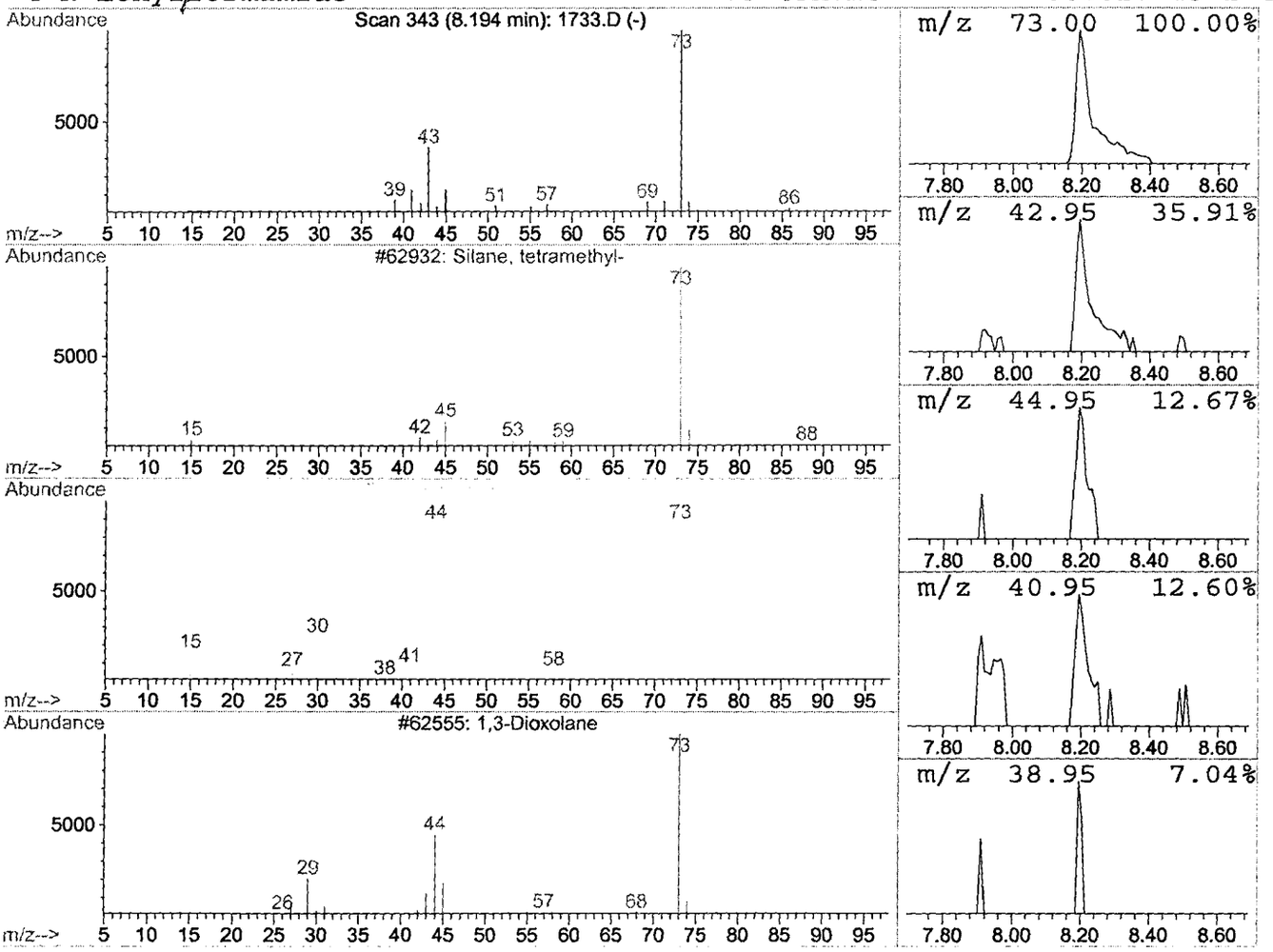
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	0.32 ug/l	22927	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	5
4	N-Ethylformamide	73	C3H7NO	000627-45-2	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Feb 2002 5:14 am
Data File: C:\HPCHEM\1\DATA\FEB2502\1733.D
Name: gc/ms scan 1/25
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-	8.19	0.3	ug/l	22927	ISTD01	12.32	1439590	20.0

1733.D GCMS0208.M Thu Feb 28 11:45:47 2002