User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 15:25:24

Sample: AE05519
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 15:24 Ended: 4/9/02 15:24 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AE05519 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 15:26:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5519.D Vial: 10
Acq On : 1 Apr 2002 9:10 pm Operator:
Sample : gc/ms scan 3/11 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 21:59 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	517160	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1901528	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1070911	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1517098	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	784102	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	443635	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	76873	5.05	ug/mL	0.21
Spiked Amount 5.000			Recovery = 101.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.51	93	414	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	0.00	128	0	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	21.47	165	219	N.D.		
25) Diethylphthalate	22.68	149	473	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)

Data File : C:\HPCHEM\1\DATA\APR0102\5519.D Vial: 10
Acq On : 1 Apr 2002 9:10 pm Operator:
Sample : gc/ms scan 3/11 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 21:59 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

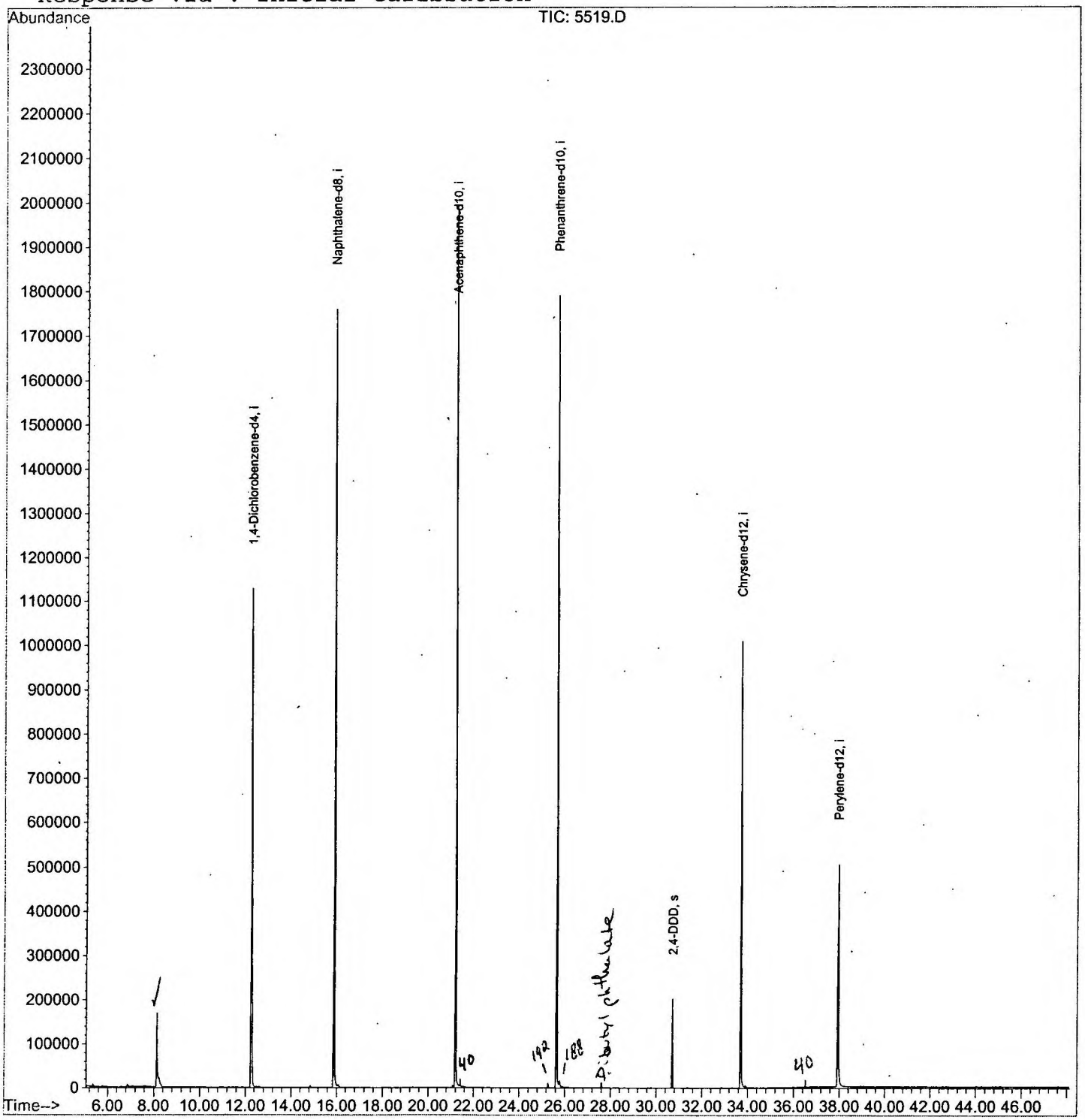
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	531	N.D.	
34)	Anthracene	25.64	178	531	N.D.	
35)	Di-n-butylphthalate	27.60	149	15906	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	30.00	202	131	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.69	228	1835	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	3454	N.D.	
43)	Chrysene	33.69	228	1835	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.84	252	292	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	292	N.D.	
48)	Benzo(a)pyrene	37.95	252	1500	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\APR0102\5519.D Vial: 10
Acq On : 1 Apr 2002 9:10 pm Operator:
Sample : gc/ms scan 3/11 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 21:59 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 04 09:06:35 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5519.D Vial: 10
Acq On : 1 Apr 2002 9:10 pm Operator:
Sample : gc/ms scan 3/11 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

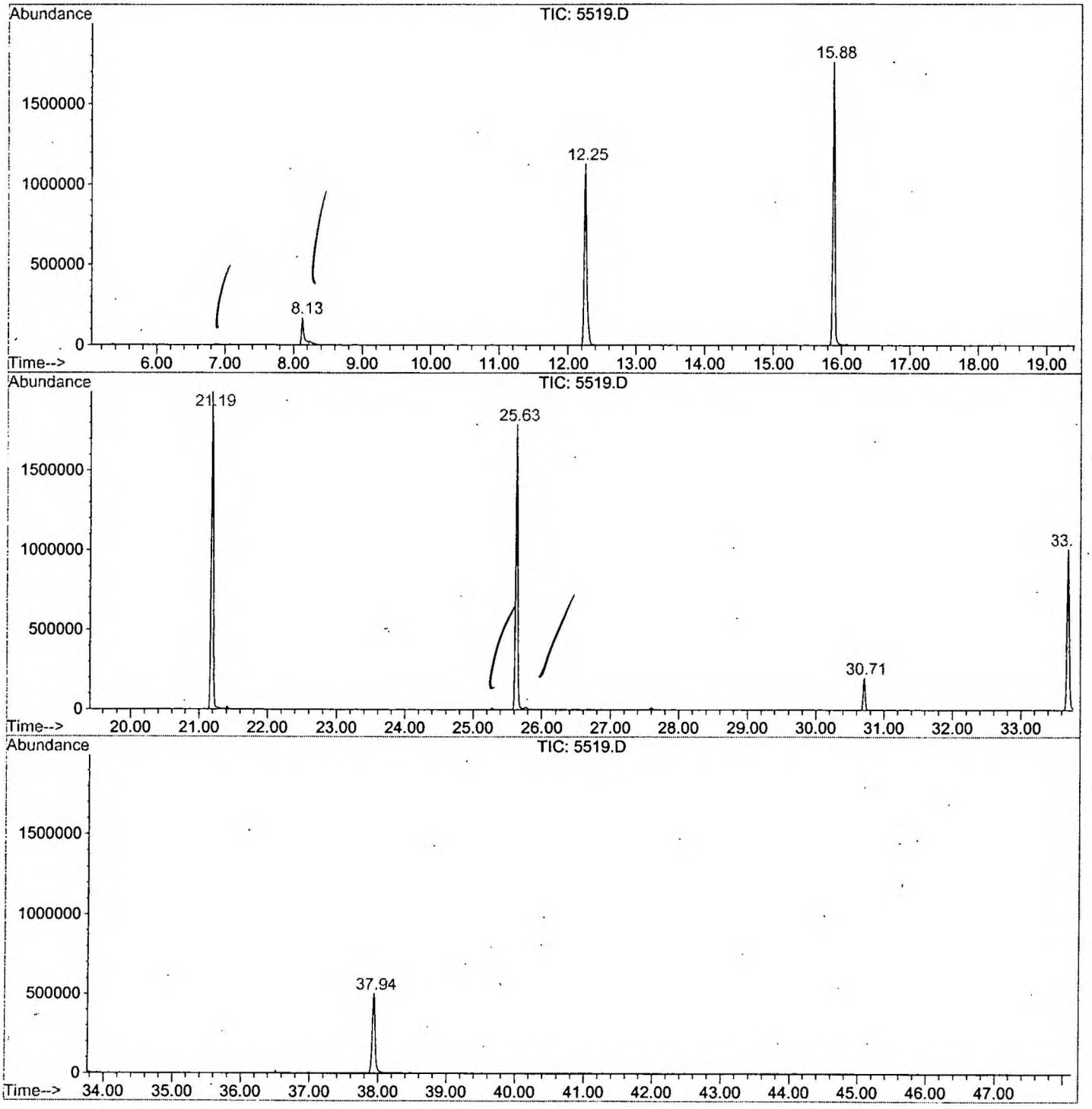
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.127	332	336	346	rBV	167477	407292	9.99%	2.165%
2	12.249	779	785	803	rBV	1127645	2792436	68.49%	14.844%
3	15.884	1175	1181	1195	rBV	1759314	3600370	88.31%	19.139%
4	21.190	1753	1759	1770	rBV	1993937	4077145	100.00%	21.673%
5	25.634	2236	2243	2254	rBV2	1789995	3785605	92.85%	20.124%
6	30.710	2791	2796	2804	rBV	201828	382825	9.39%	2.035%
7	33.694	3114	3121	3137	rBV2	1010007	2274090	55.78%	12.089%
8	37.935	3575	3583	3598	rBV2	501980	1491967	36.59%	7.931%

Sum of corrected areas: 18811730

5519.D GCMS0403.M Thu Apr 04 13:56:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5519.D
Operator :
Acquired : 1 Apr 2002 9:10 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11 fb
Misc Info :
Vial Number: 10
Quant File :GCMS0308.RES (RTE Integrator)



5519.D GCMS0403.M Thu Apr 04 13:56:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5519.D Vial: 10
Acq On : 1 Apr 2002 9:10 pm Operator:
Sample : gc/ms scan 3/11 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

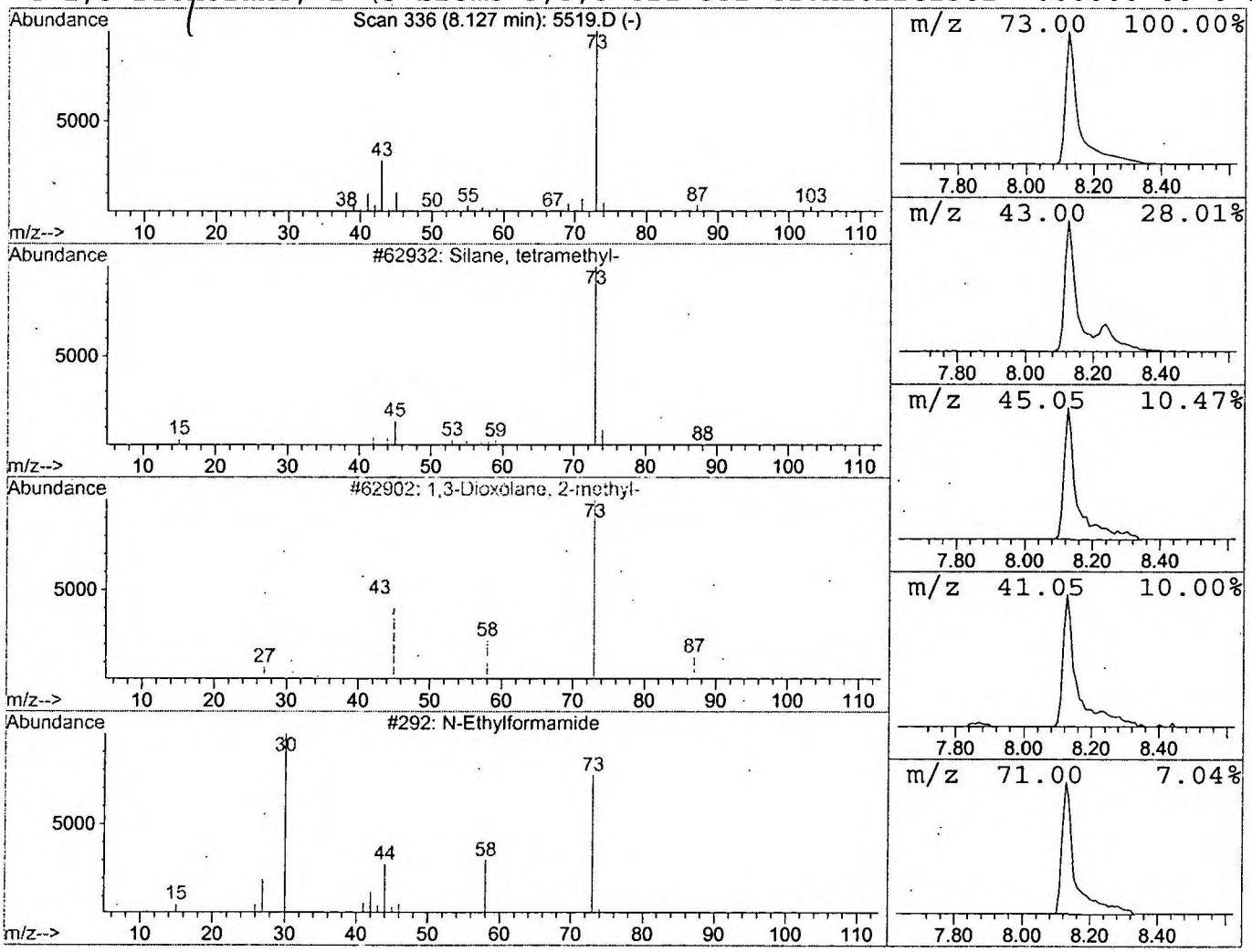
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	2.92 ug/l	407292	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 9:10 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5519.D
Name: gc/ms scan 3/11 fb
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-~~	8.13	2.9	ug/l	407292	ISTD01	12.25	2792440	20.0

5519.D GCMS0403.M Thu Apr 04 13:56:37 2002