User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:31:13

Sample: AE05703
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:30 Ended: 4/11/02 08:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE05703 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:31:40

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 low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5703.D Vial: 21
Acq On : 2 Apr 2002 8:04 am Operator:
Sample : gc/ms scan 3/12 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 8:53 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	523093	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1928949	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1078482	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1507996	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	803691	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	464449	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	81017	5.36	ug/mL	0.21
Spiked Amount 5.000			Recovery = 107.20%			
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	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	21.50	165	188	N.D.		
25) Diethylphthalate	22.68	149	526	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\5703.D Vial: 21
Acq On : 2 Apr 2002 8:04 am Operator:
Sample : gc/ms scan 3/12 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 8:53 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

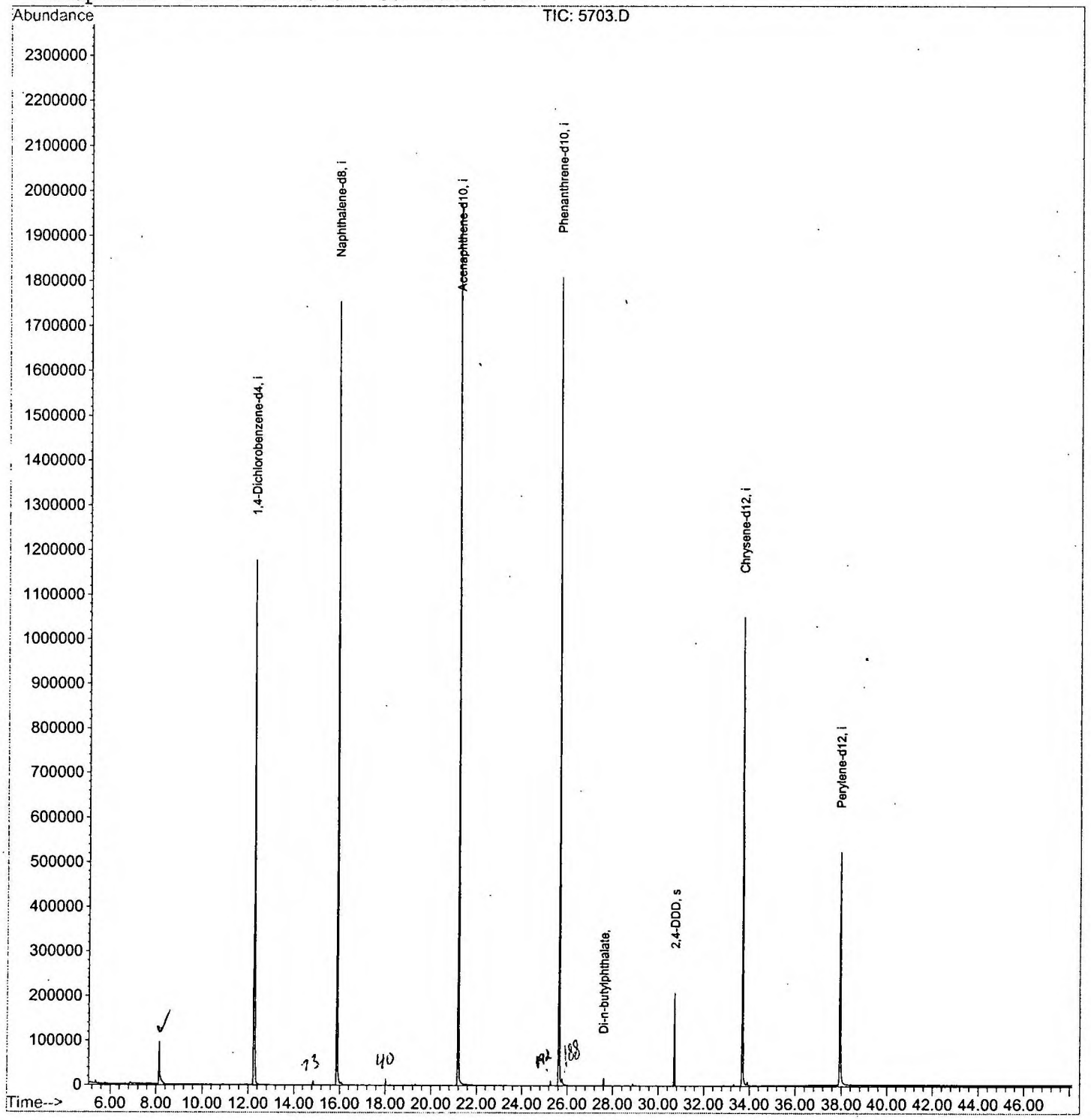
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	616	N.D.	
34)	Anthracene	25.63	178	616	N.D.	
35)	Di-n-butylphthalate	27.60	149	21362	0.26 ug/l	99
36)	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	1632	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	5210	N.D.	
43)	Chrysene	33.76	228	209	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	37.94	252	1628	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\5703.D Vial: 21
Acq On : 2 Apr 2002 8:04 am Operator:
Sample : gc/ms scan 3/12 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 8:53 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5703.D Vial: 21
Acq On : 2 Apr 2002 8:04 am Operator:
Sample : gc/ms scan 3/12 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

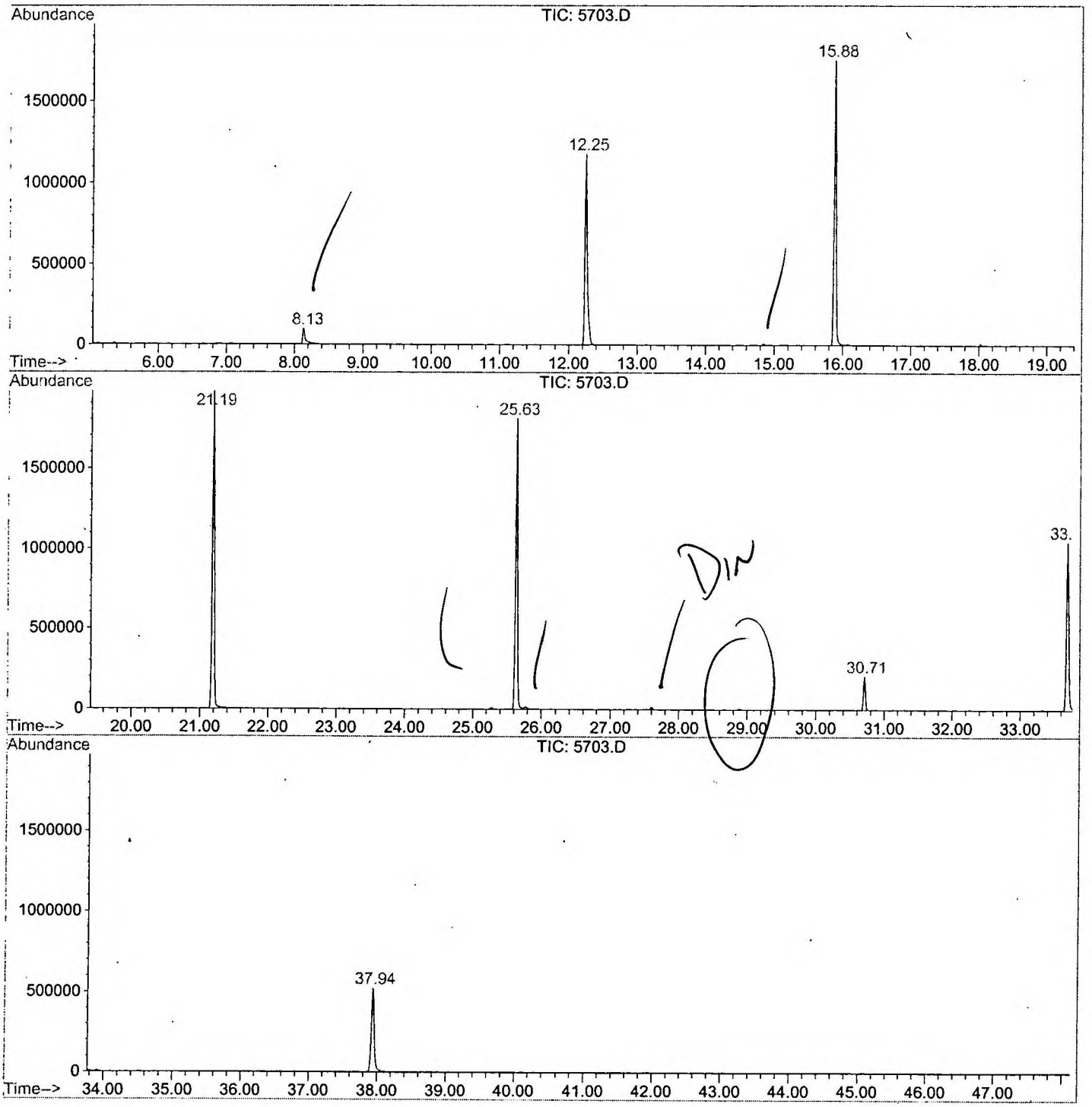
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.127	332	336	350	rBV	94702	260140	6.35%	1.376%
2	12.249	779	785	803	rVB	1175850	2821012	68.90%	14.923%
3	15.885	1175	1181	1198	rBV	1752279	3631729	88.70%	19.212%
4	21.191	1752	1759	1774	rBV	1972317	4094405	100.00%	21.659%
5	25.634	2236	2243	2255	rBV2	1806377	3801231	92.84%	20.108%
6	30.711	2791	2796	2803	rBV	208170	403067	9.84%	2.132%
7	33.694	3114	3121	3137	rBV	1049575	2331949	56.95%	12.336%
8	37.936	3575	3583	3597	rBV2	521156	1560156	38.10%	8.253%

Sum of corrected areas: 18903689

5703.D GCMS0403.M Fri Apr 05 10:35:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5703.D
Operator :
Acquired : 2 Apr 2002 8:04 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12 fb
Misc Info :
Vial Number: 21
Quant File :GCMS0308.RES (RTE Integrator)



5703.D GCMS0403.M Fri Apr 05 10:35:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5703.D Vial: 21
Acq On : 2 Apr 2002 8:04 am Operator:
Sample : gc/ms scan 3/12 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

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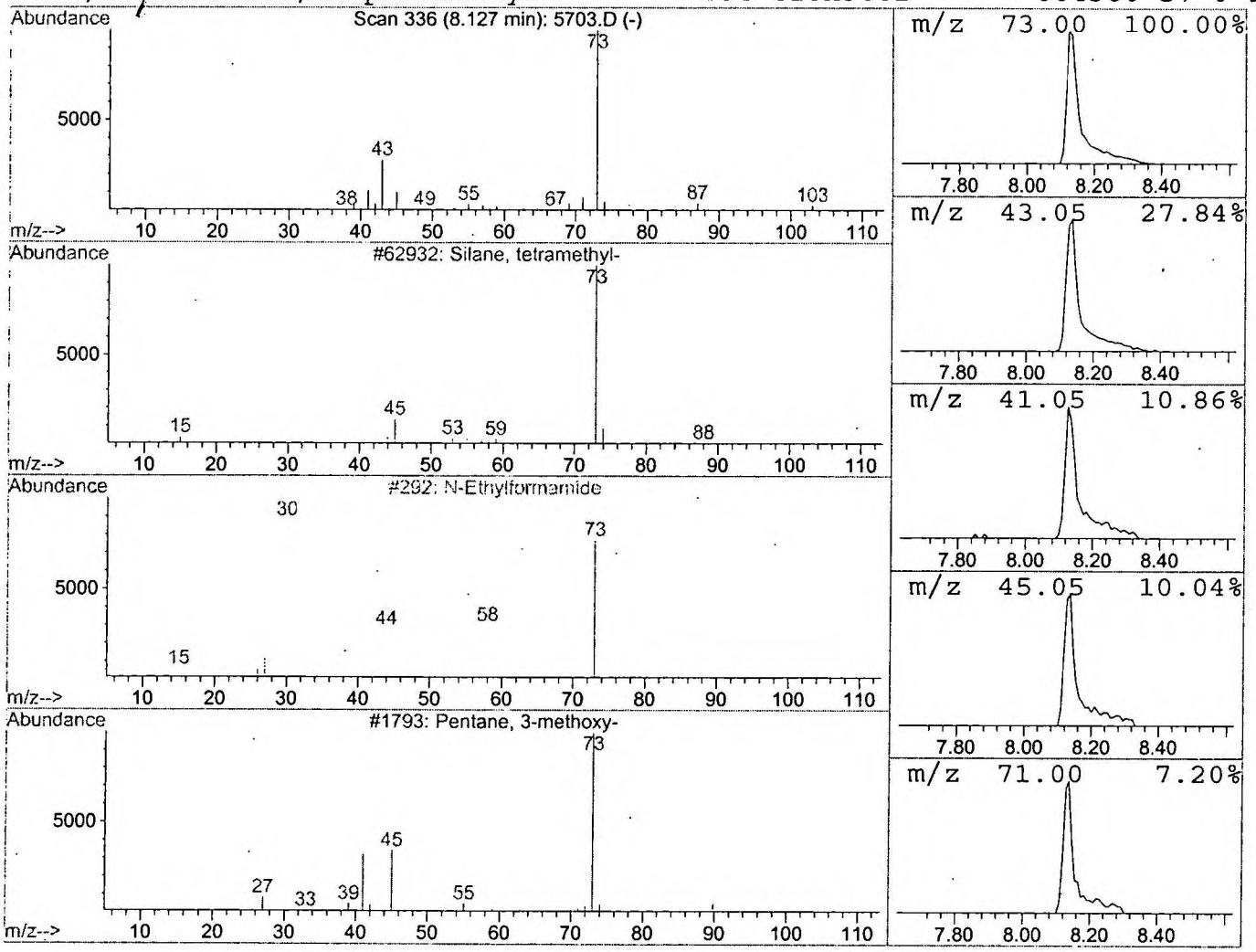
Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.84 ug/l	260140	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 8:04 am
Data File: C:\HPCHEM\1\DATA\APR0102\5703.D
Name: gc/ms scan 3/12 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	1.8	ug/l	260140	ISTD01	12.25	2821010	20.0

5703.D GCMS0403.M Fri Apr 05 10:35:35 2002