User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:01:34

Sample: AE04591
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 11:01 Ended: 4/2/02 11:01 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 AE04591 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:01:44

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\4591.D Vial: 7
Acq On : 26 Mar 2002 3:39 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 16:27 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	586344	20.00 ug/l	-0.10
10) Naphthalene-d8	15.89	136	2246383	20.00 ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1215207	20.00 ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1720424	20.00 ug/l	-0.13
38) Chrysene-d12	33.70	240	872803	20.00 ug/l	-0.15
44) Perylene-d12	37.94	264	508168	20.00 ug/l	-0.19
System Monitoring Compounds					
37) 2,4-DDD	30.71	235	98536	5.34 ~~7.00~~ ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~140.00%~~ 107%	
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	15.94	128	539	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	100	N.D.	
25) Diethylphthalate	22.67	149	758	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\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

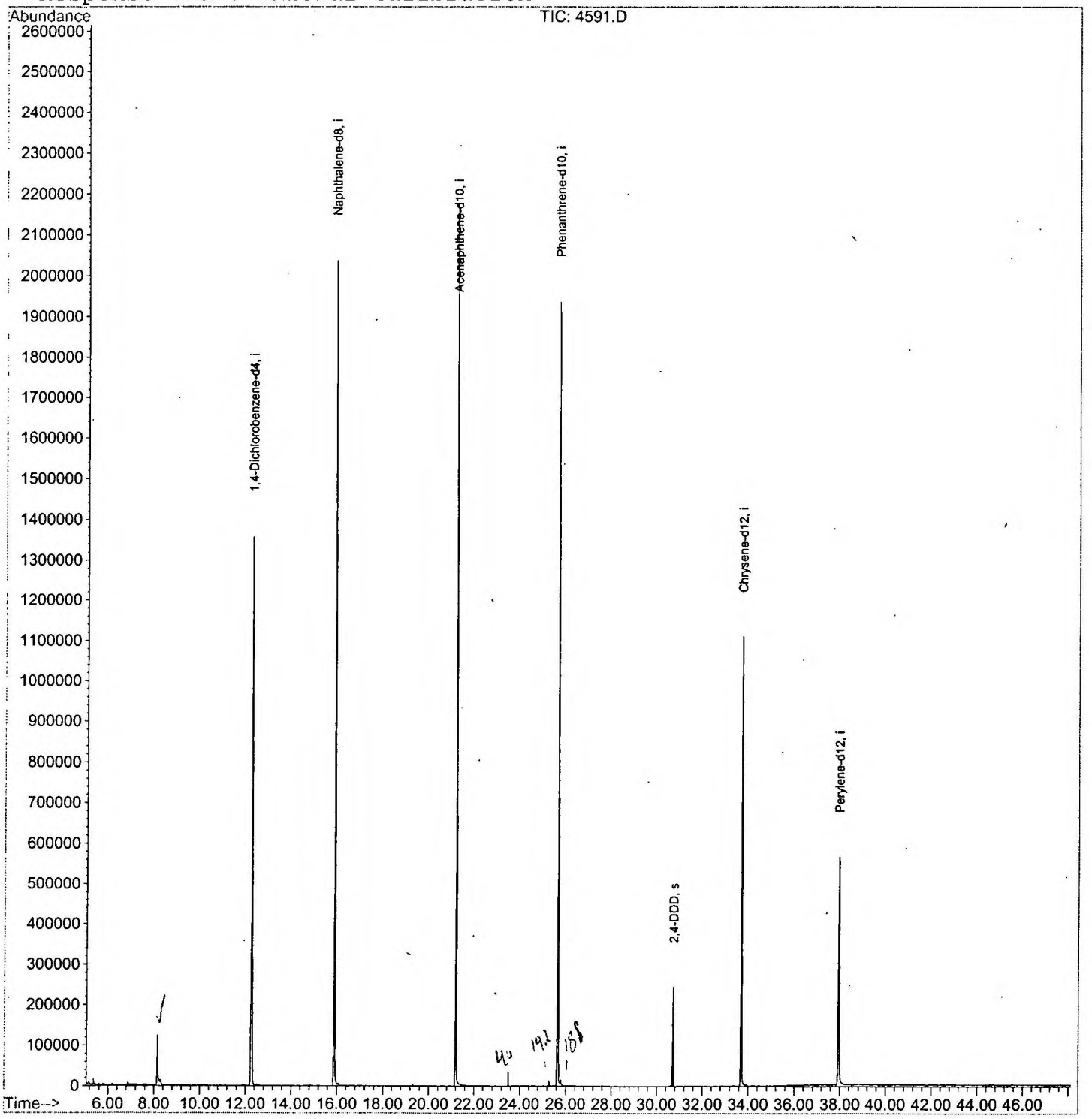
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.69	178	192	N.D.	
34)	Anthracene	25.64	178	518	N.D.	
35)	Di-n-butylphthalate	27.60	149	3505	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.13	149	103	N.D.	
41)	Benzo(a)anthracene	33.69	228	2773	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	2707	N.D.	
43)	Chrysene	33.76	228	469	N.D.	
45)	Di-n-Octylphthalate	35.65	149	208	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	626	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	494	N.D.	
48)	Benzo(a)pyrene	37.95	252	1976	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\MAR2602\4591.D Vial: 7
Acq On : 26 Mar 2002 3:39 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 16:27 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\4591.D Vial: 7
Acq On : 26 Mar 2002 3:39 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

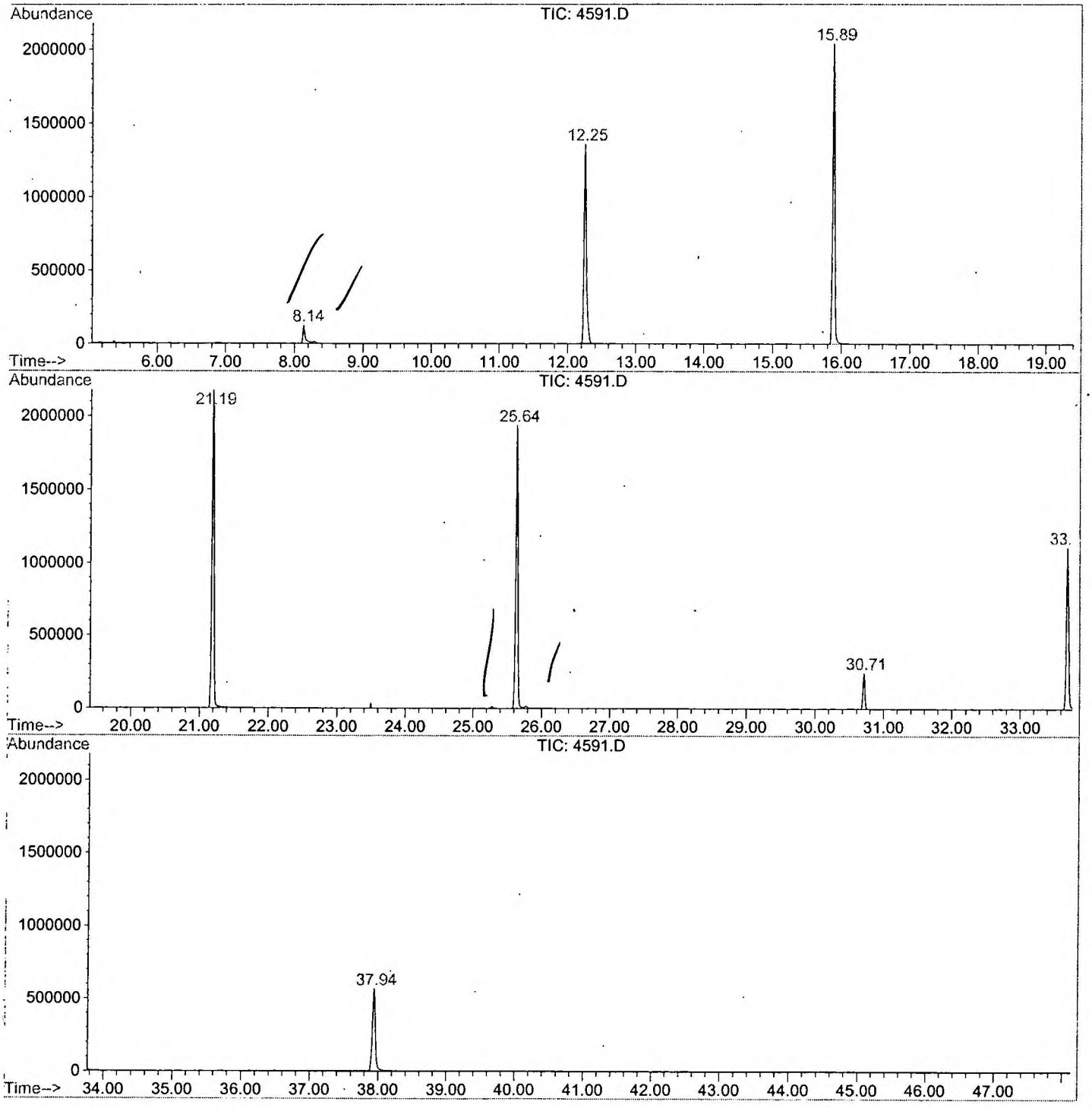
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.137	333	337	351	rBV	122294	307475	6.63%	1.438%
2	12.250	780	785	800	rVB	1355631	3166453	68.31%	14.814%
3	15.886	1175	1181	1198	rBV	2037515	4220548	91.05%	19.745%
4	21.192	1752	1759	1773	rBV	2178046	4635219	100.00%	21.685%
5	25.635	2236	2243	2254	rBV2	1937223	4315778	93.11%	20.191%
6	30.712	2791	2796	2806	rVB	245218	483204	10.42%	2.261%
7	33.695	3114	3121	3140	rBV2	1111856	2518714	54.34%	11.783%
8	37.937	3575	3583	3601	rBV2	564553	1727835	37.28%	8.083%

Sum of corrected areas: 21375226

4591.D GCMS0308.M Thu Mar 28 16:25:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4591.D
Operator :
Acquired : 26 Mar 2002 3:39 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 7
Quant File :GCMS0308.RES (RTE Integrator)



4591.D GCMS0308.M Thu Mar 28 16:25:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4591.D Vial: 7
Acq On : 26 Mar 2002 3:39 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

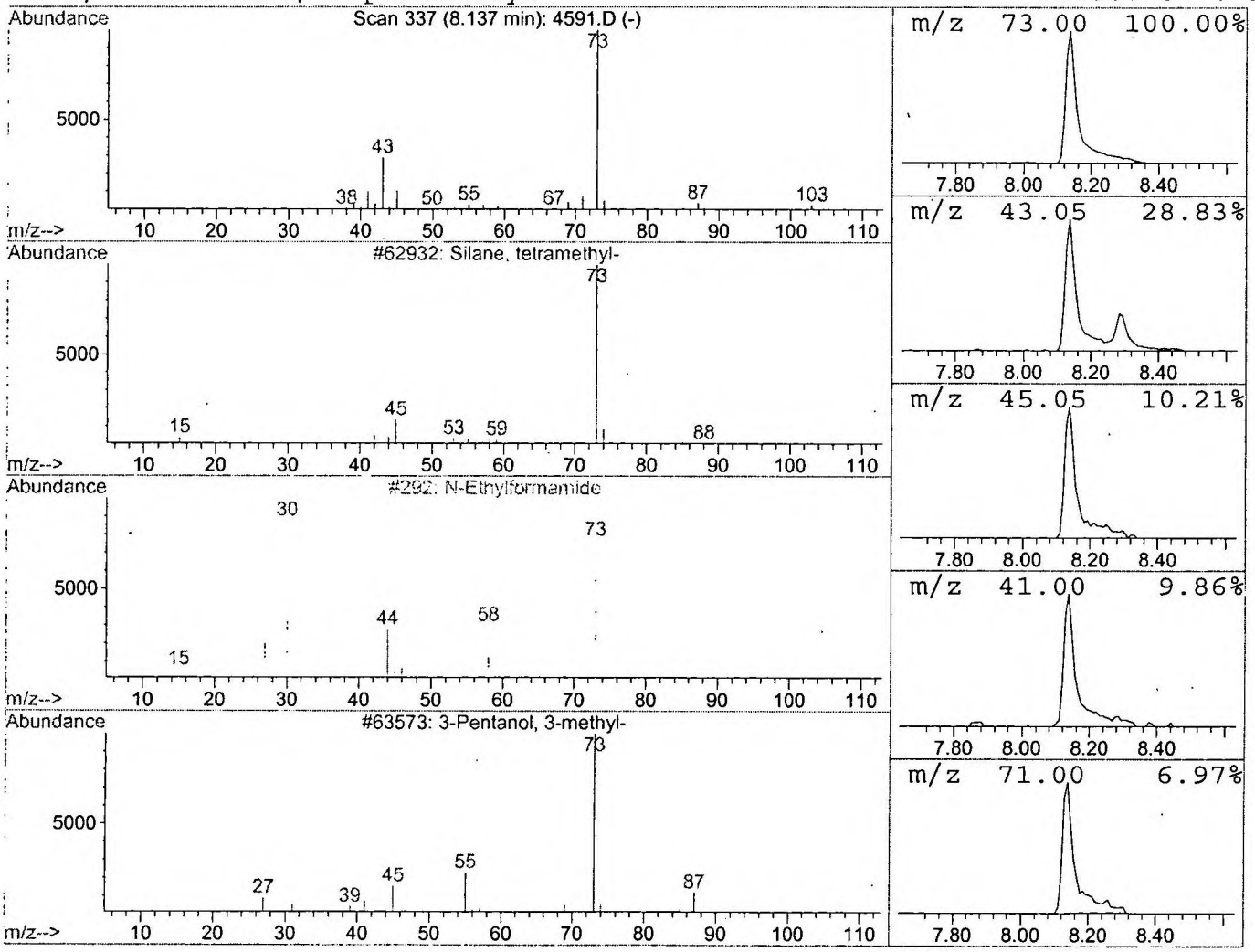
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.94 ug/l	307475	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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 3:39 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4591.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	1.9	ug/l	307475	ISTD01	12.25	3166450	20.0

4591.D GCMS0308.M Thu Mar 28 16:26:05 2002