User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/29/2002 Time: 11:10:09

Sample: AE03823
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/29/02 11:09 Ended: 3/29/02 11:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		5.0

Comments for Sample AE03823 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-29-2002 Time: 11:10:52

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\3823.D Vial: 14
Acq On : 23 Mar 2002 6:54 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:45 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	401592	20.00	ug/l	-0.09
10) Naphthalene-d8	15.91	136	1568356	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	855294	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1256475	20.00	ug/l	-0.11
38) Chrysene-d12	33.71	240	770662	20.00	ug/l	-0.13
44) Perylene-d12	37.97	264	437153	20.00	ug/l	-0.16
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	85279	~~8.29~~ 4.62	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~165.80%~~ 92%		
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	15.97	128	358	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	681	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\MAR2202\3823.D Vial: 14
Acq On : 23 Mar 2002 6:54 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:45 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

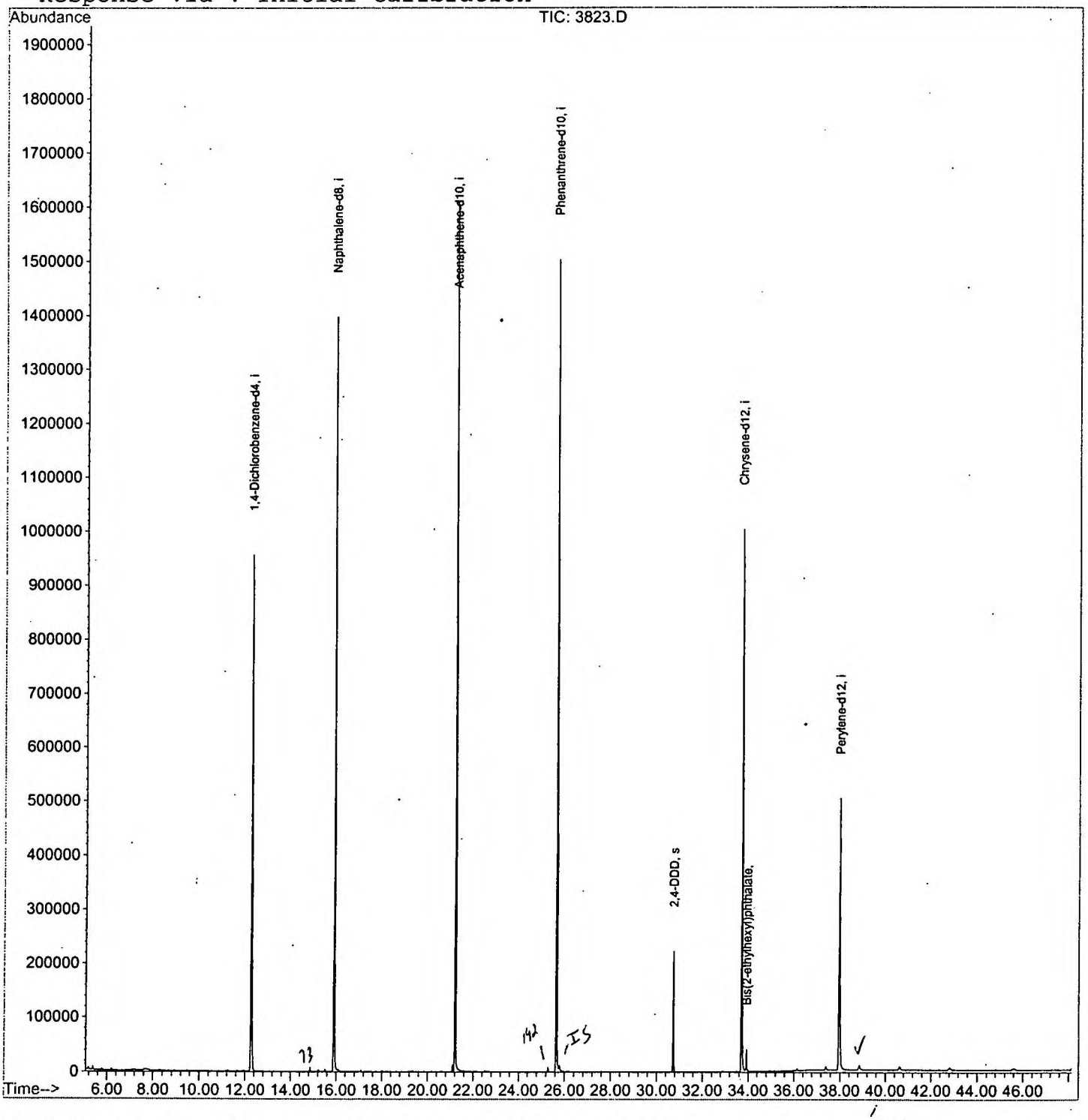
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	25.66	178	314	N.D.		
34) Anthracene	25.66	178	315	N.D.		
35) Di-n-butylphthalate	27.62	149	1942	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	32.14	149	105	N.D.		
41) Benzo(a)anthracene	33.71	228	1630	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.93	149	24939	0.81	ug/l	97
43) Chrysene	33.71	228	1630	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	37.78	252	174	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\MAR2202\3823.D Vial: 14
Acq On : 23 Mar 2002 6:54 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 14:45 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\3823.D Vial: 14
Acq On : 23 Mar 2002 6:54 am Operator:
Sample : gc/ms scan 2/20 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

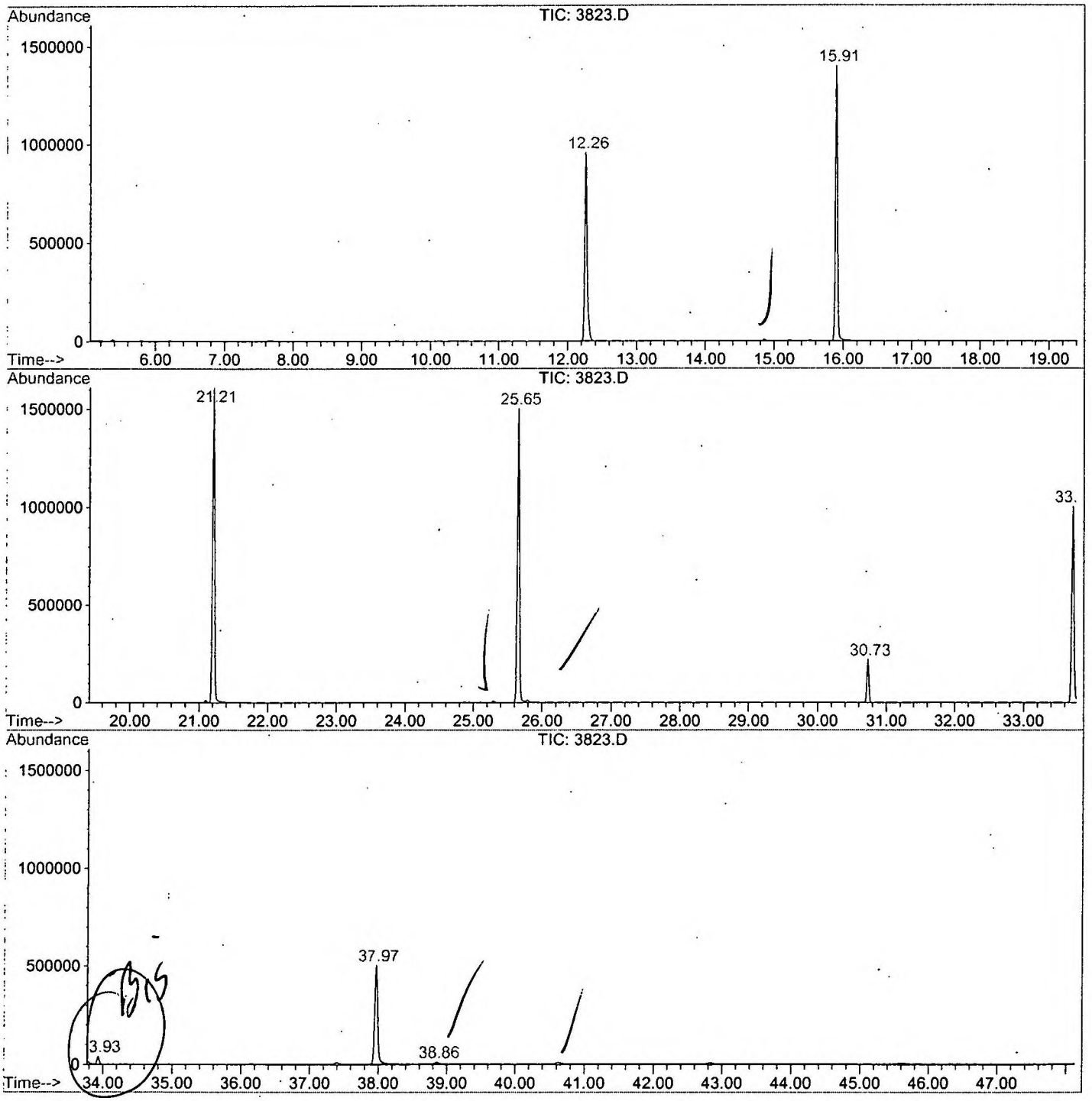
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	12.260	781	786	802	rVB	955366	2198710	67.00%	13.825%
2	15.905	1177	1183	1200	rBV	1397201	2956229	90.08%	18.587%
3	21.211	1754	1761	1774	rBV	1611108	3281702	100.00%	20.634%
4	25.655	2238	2245	2256	rBV2	1503055	3171365	96.64%	19.940%
5	30.731	2793	2798	2808	rBV	222888	424256	12.93%	2.668%
6	33.715	3116	3123	3138	rBV2	1004341	2240724	68.28%	14.089%
7	33.926	3142	3146	3155	rVB	40015	85581	2.61%	0.538%
8	37.965	3577	3586	3604	rBV2	501785	1510715	46.03%	9.499%
9	38.856	3675	3683	3695	rBV3	8754	35140	1.07%	0.221%

Sum of corrected areas: 15904422

3823.D GCMS0308.M Tue Mar 26 14:52:40 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\3823.D
Operator :
Acquired : 23 Mar 2002 6:54 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/20
Misc Info :
Vial Number: 14
Quant File :GCMS0308.RES (RTE Integrator)



3823.D GCMS0308.M Tue Mar 26 14:52:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\3823.D Vial: 14
Acq On : 23 Mar 2002 6:54 am Operator:
Sample : gc/ms scan 2/20 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

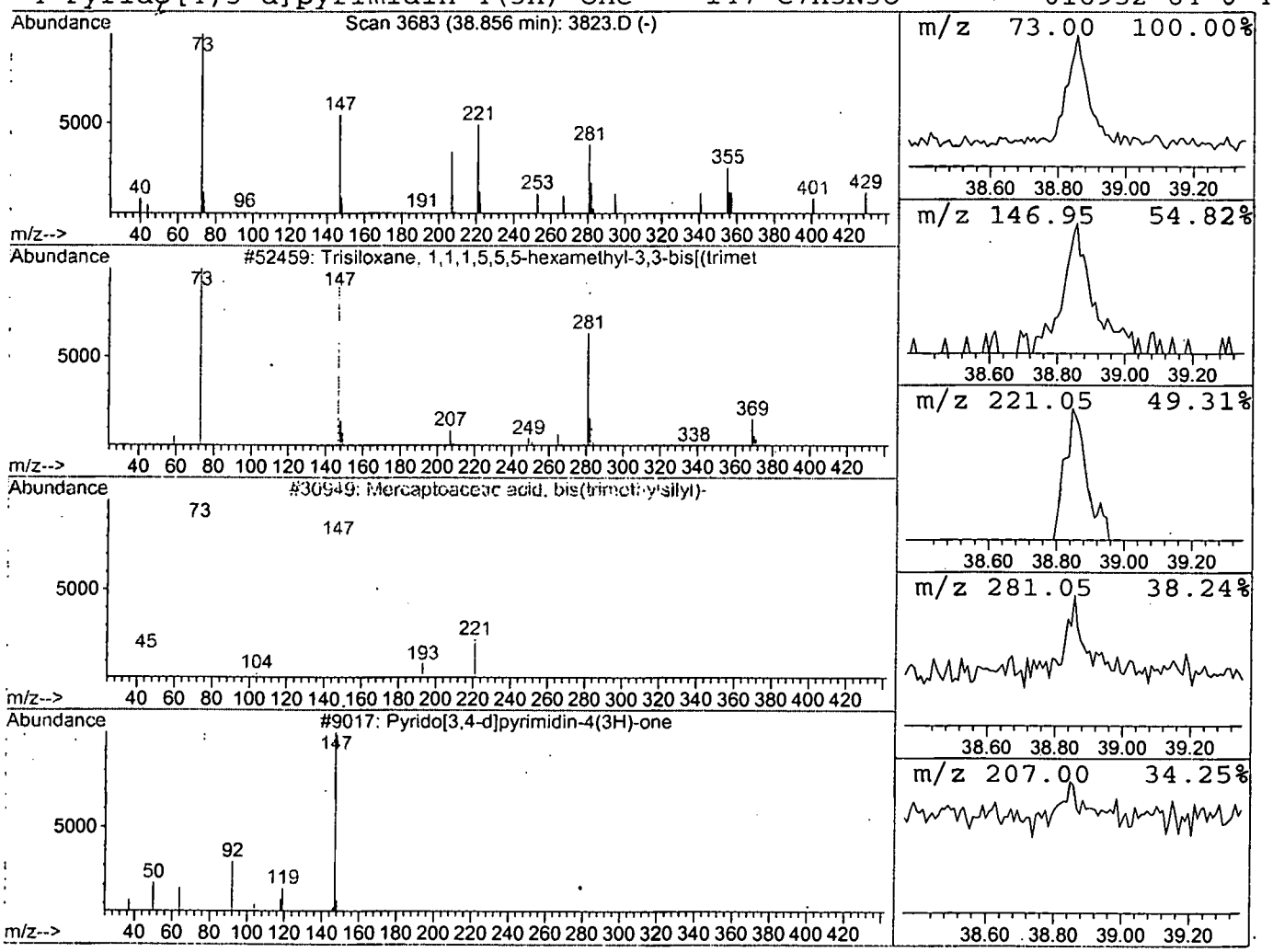
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
38.86	0.47 ug/l	35140	Perylene-d12	37.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	12
2	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	9
3	Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	4
4	Pyrido[4,3-d]pyrimidin-4(3H)-one	147	C7H5N3O	016952-64-0	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 6:54 am
Data File: C:\HPCHEM\1\DATA\MAR2202\3823.D
Name: gc/ms scan 2/20
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
Trisiloxane, 1,1,1,5	38.86	0.5	ug/l	35140	ISTD06	37.97	1510720	20.0

3823.D GCMS0308.M Tue Mar 26 14:52:55 2002