User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/02/2002 Time: 11:00:18

Sample: AE04590
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/2/02 10:59 Ended: 4/2/02 10:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		109		5.0

Comments for Sample AE04590 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-02-2002 Time: 11:00:25

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\4590.D Vial: 6
Acq On : 26 Mar 2002 2:39 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 15:28 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	576964	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	2204855	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1184035	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1700728	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	889980	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	502638	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	100757	~~7.24~~ 5.46	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~144.80%~~ 109%		

Target Compounds				Qvalue
2) N-nitroso-dimethyl amine	5.49	74	319	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	14.60	82	388	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	15.95	128	620	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	20.54	163	944	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	22.67	149	1426	N.D.
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.
27) Fluorene	22.82	166	340	N.D.
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.

(#) = qualifier out of range (m) = manual integration

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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	25.70	178	993	N.D.	
34)	Anthracene	25.84	178	301	N.D.	
35)	Di-n-butylphthalate	27.60	149	5960	N.D.	
36)	Fluoranthene	29.33	202	467	N.D.	
39)	Pyrene	30.00	202	252	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.69	228	2943	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	4894	N.D.	
43)	Chrysene	33.76	228	1227	N.D.	
45)	Di-n-Octylphthalate	35.66	149	632	N.D.	
46)	Benzo(b)fluoranthene	36.74	252	768	N.D.	
47)	Benzo(k)fluoranthene	36.82	252	836	N.D.	
48)	Benzo(a)pyrene	37.72	252	423	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

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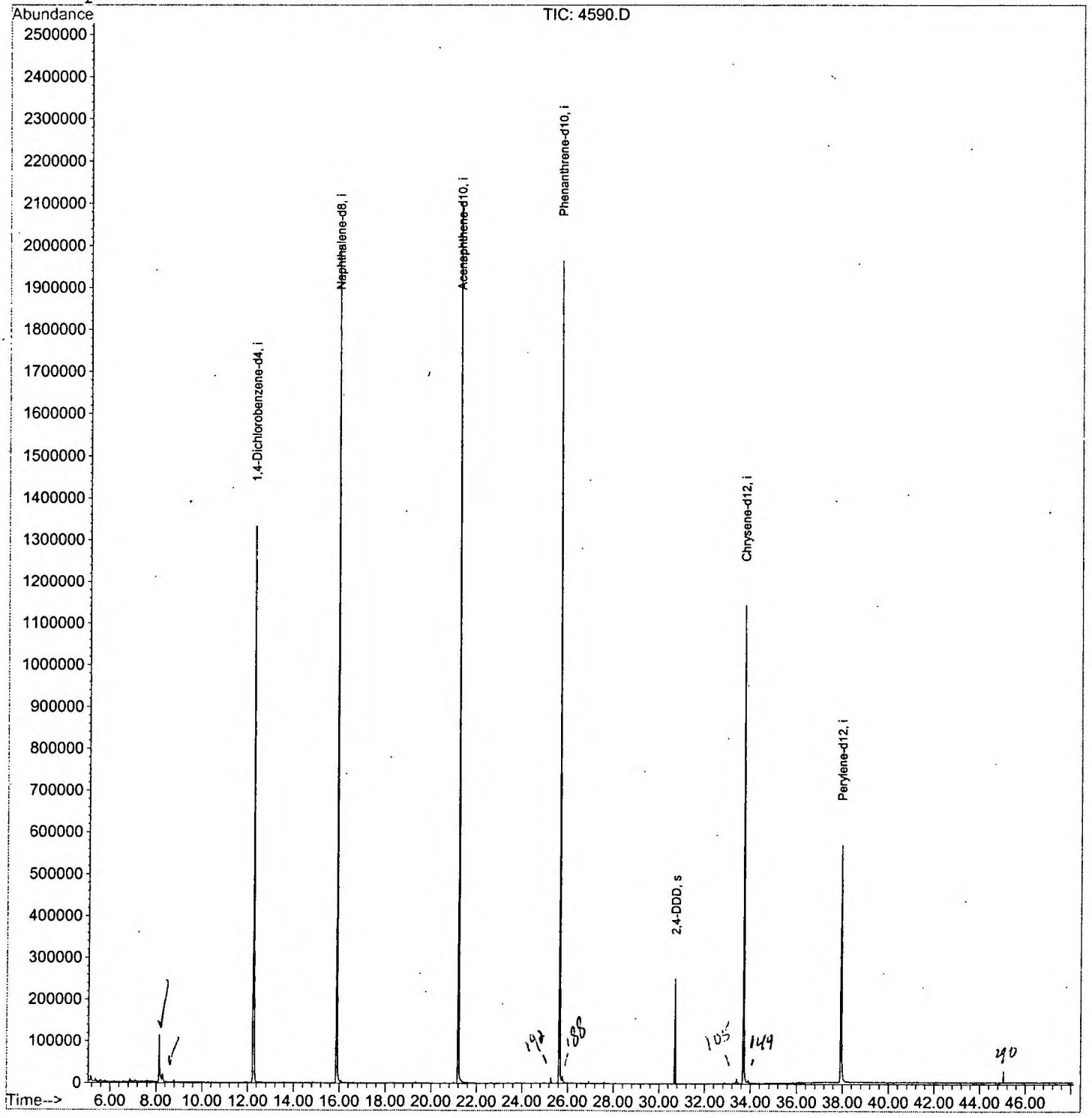
Acq On : 26 Mar 2002 2:39 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 26 15:28 2002 Quant Results File: GCMS0308.RES

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\4590.D Vial: 6
Acq On : 26 Mar 2002 2:39 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

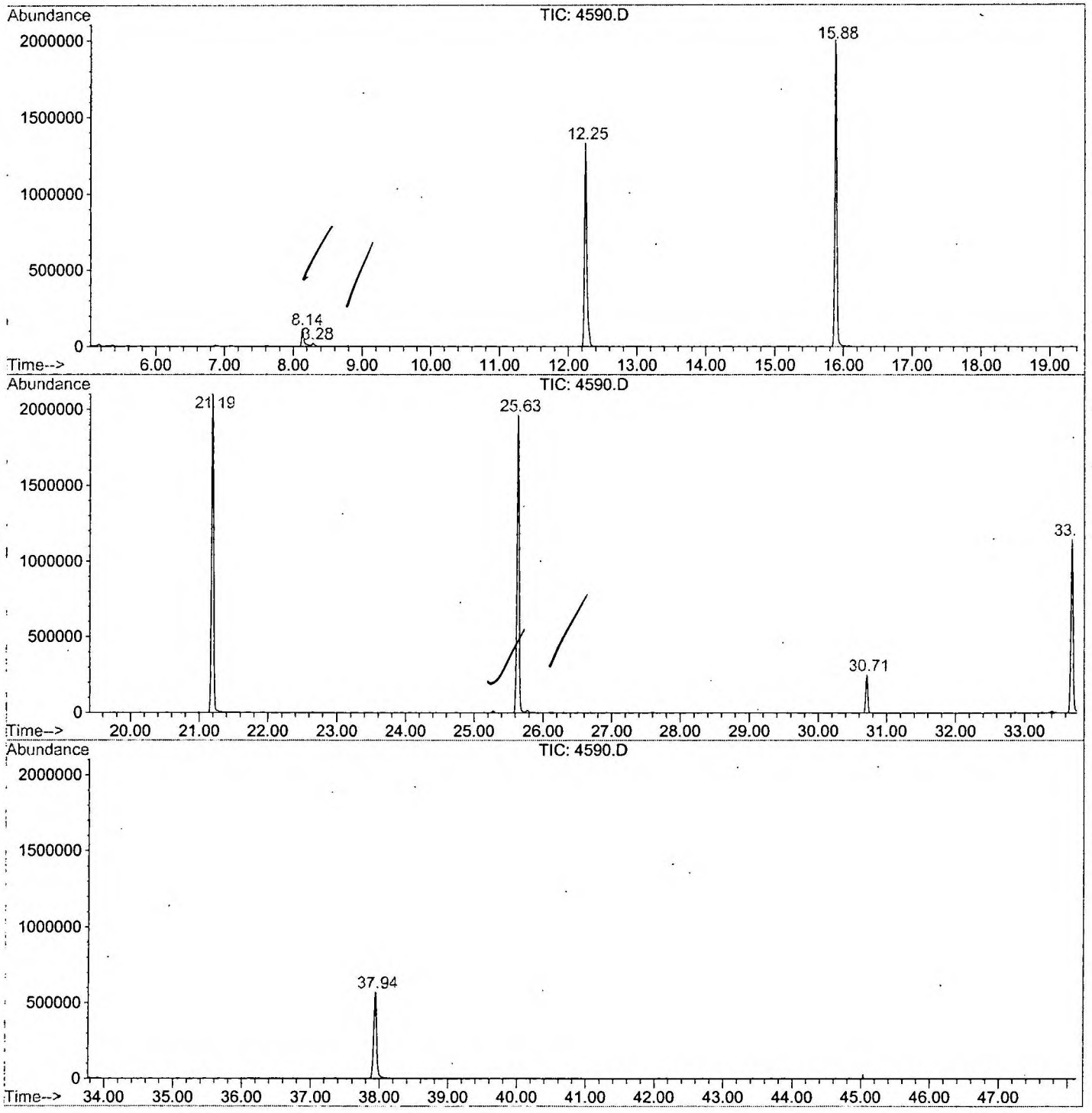
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	332	337	349	rBV	113012	271111	5.96%	1.278%
2	8.283	349	353	366	rVB2	19493	54670	1.20%	0.258%
3	12.249	780	785	801	rVB	1331503	3110886	68.40%	14.662%
4	15.884	1175	1181	1199	rBV	1999548	4172825	91.75%	19.667%
5	21.190	1753	1759	1772	rBV	2104927	4547881	100.00%	21.434%
6	25.634	2236	2243	2253	rBV2	1964123	4270368	93.90%	20.126%
7	30.710	2791	2796	2805	rBV	251798	499268	10.98%	2.353%
8	33.694	3112	3121	3135	rBV2	1144798	2574130	56.60%	12.132%
9	37.935	3575	3583	3605	rBV2	568151	1716554	37.74%	8.090%

Sum of corrected areas: 21217693

4590.D GCMS0308.M Thu Mar 28 16:25:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2602\4590.D
Operator :
Acquired : 26 Mar 2002 2:39 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 6
Quant File :GCMS0308.RES (RTE Integrator)



4590.D GCMS0308.M Thu Mar 28 16:25:09 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4590.D Vial: 6
Acq On : 26 Mar 2002 2:39 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

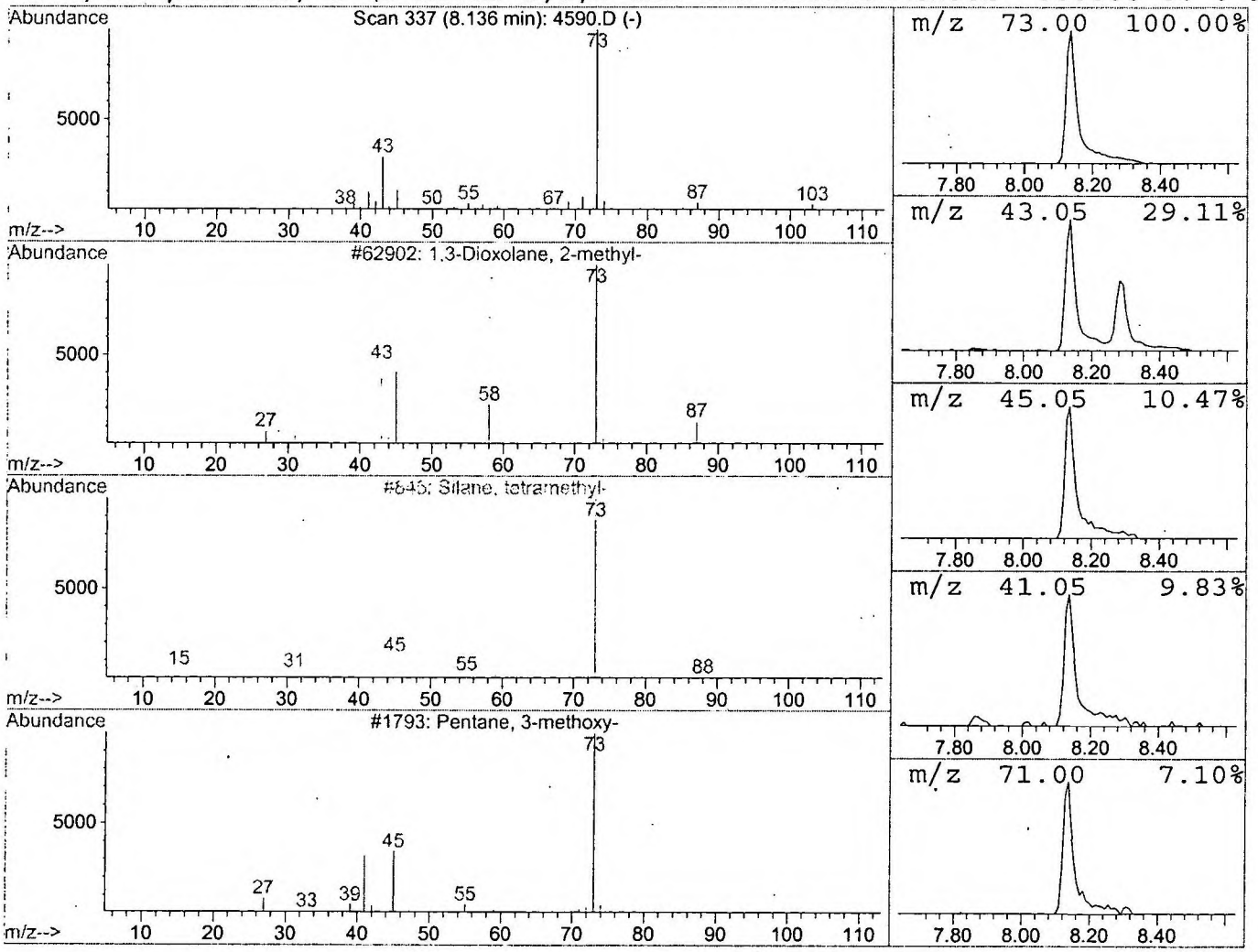
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	1.74 ug/l	271111	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2602\4590.D Vial: 6
Acq On : 26 Mar 2002 2:39 pm Operator:
Sample : gc/ms scan 3/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

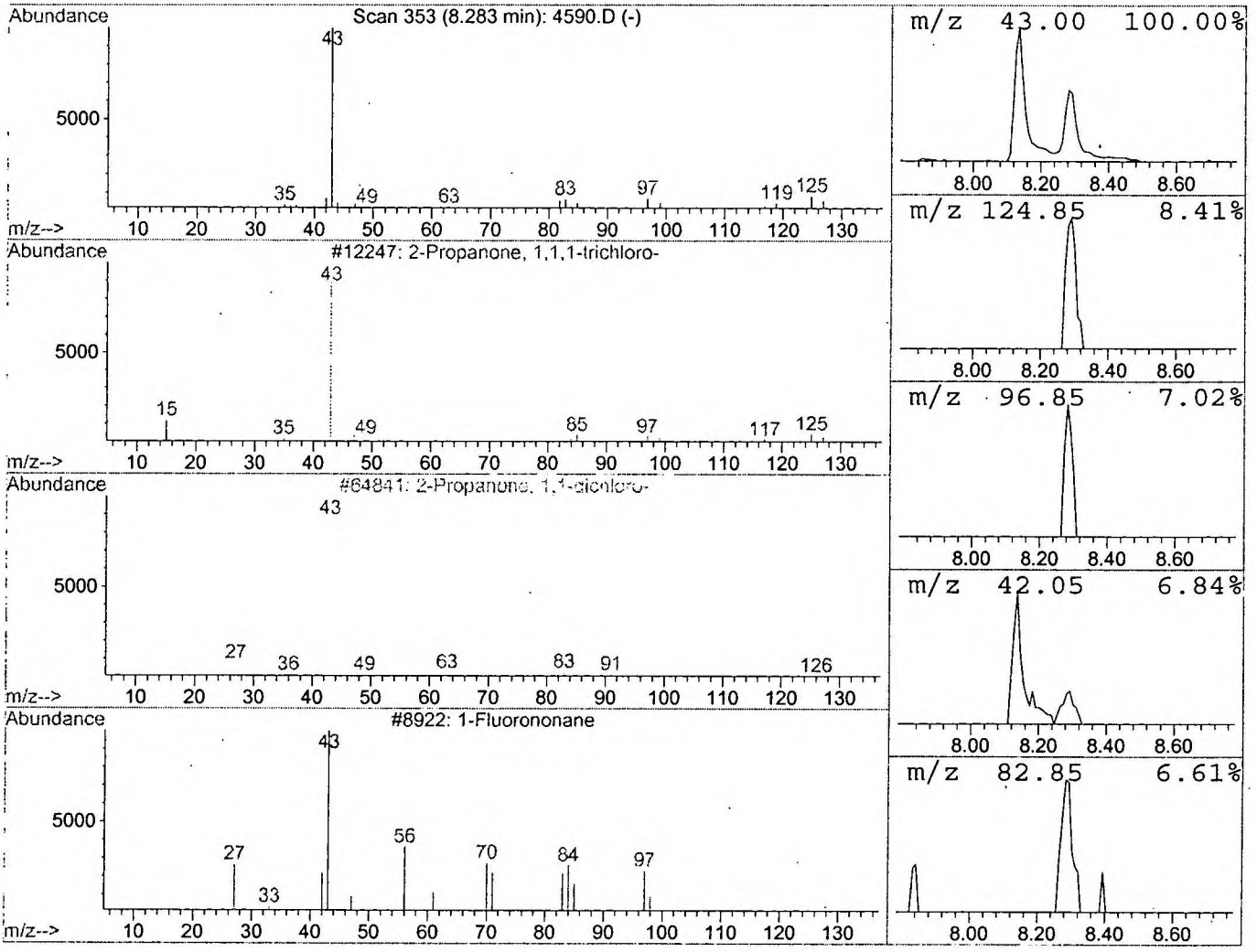
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.35 ug/l	54670	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	45
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	1-Octadecanol	270	C18H38O	000112-92-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Mar 2002 2:39 pm
Data File: C:\HPCHEM\1\DATA\MAR2602\4590.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
1,3-Dioxolane, 2-met	8.14	1.7	ug/l	271111	ISTD01	12.25	3110890	20.0
2-Propanone, 1,1,1-t	8.28	0.4	ug/l	54670	ISTD01	12.25	3110890	20.0

4590.D GCMS0308.M Thu Mar 28 16:25:25 2002