User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 10:46:31

Sample: AE05062
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 10:46 Ended: 4/9/02 10:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AE05062 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 10:46:36

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\MAR3002\5062.D Vial: 34
Acq On : 31 Mar 2002 1:41 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 2:30 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	474139	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1733076	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	974182	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1371262	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	658202	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	361017	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	91637	6.66 → 4.96	ug/mL	0.21
Spiked Amount 5.000			Recovery =	133.20% → 99.25%		
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	958	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	22.67	149	918	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

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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	25.70	178	489	N.D.	
34)	Anthracene	25.83	178	209	N.D.	
35)	Di-n-butylphthalate	27.60	149	7483	N.D.	
36)	Fluoranthene	29.33	202	632	N.D.	
39)	Pyrene	30.01	202	987	N.D.	
40)	Butylbenzylphthalate	32.12	149	522	N.D.	
41)	Benzo(a)anthracene	33.69	228	1537	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	8815	0.34 ug/l	94
43)	Chrysene	33.69	228	1537	N.D.	
45)	Di-n-Octylphthalate	35.66	149	188	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	191	N.D.	
47)	Benzo(k)fluoranthene	36.83	252	283	N.D.	
48)	Benzo(a)pyrene	37.95	252	1411	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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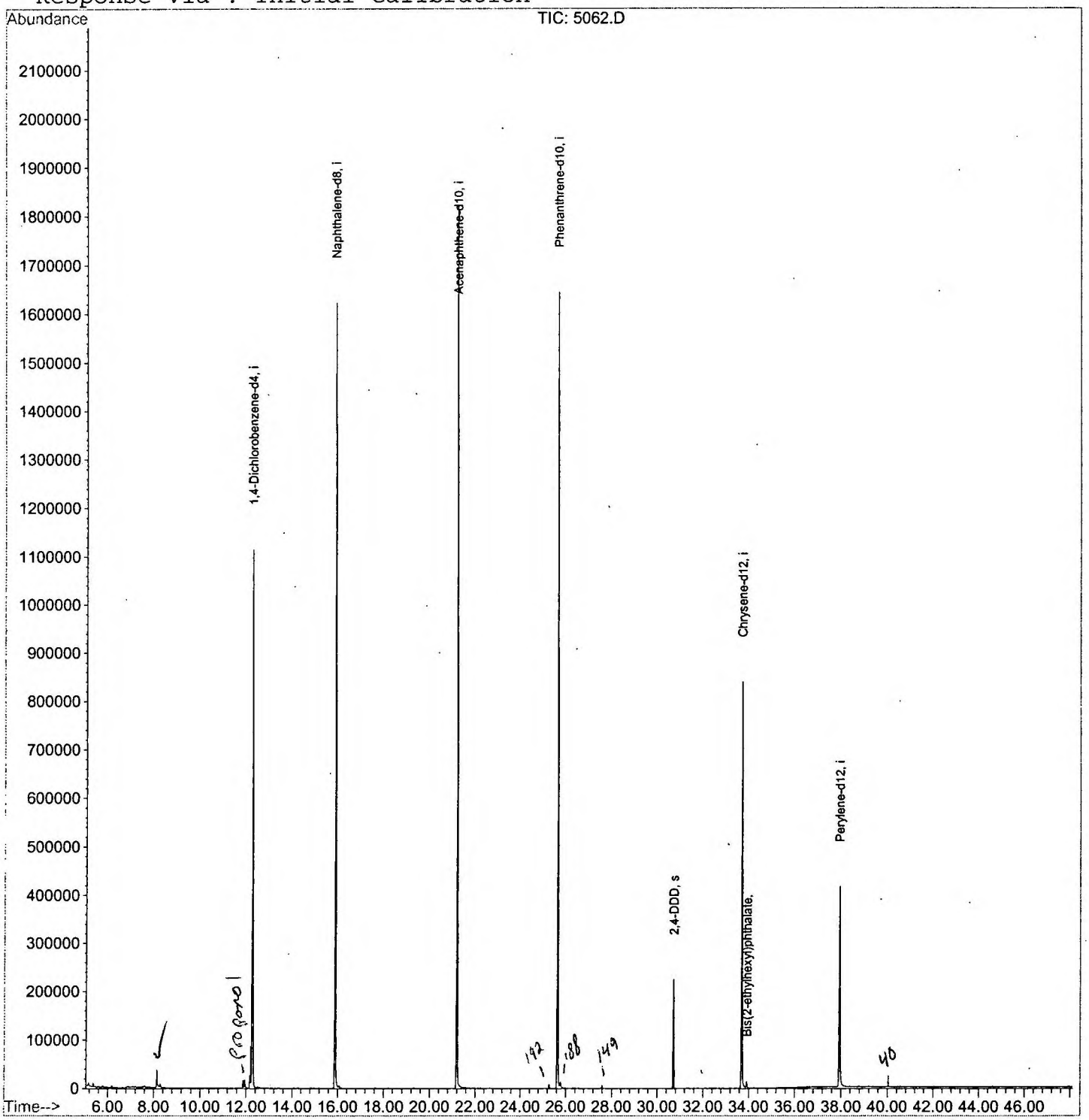
Acq On : 31 Mar 2002 1:41 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 31 2:30 2002 Quant Results File: GCMS0308.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5062.D Vial: 34
Acq On : 31 Mar 2002 1:41 am Operator:
Sample : gc/ms scan 3/8 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

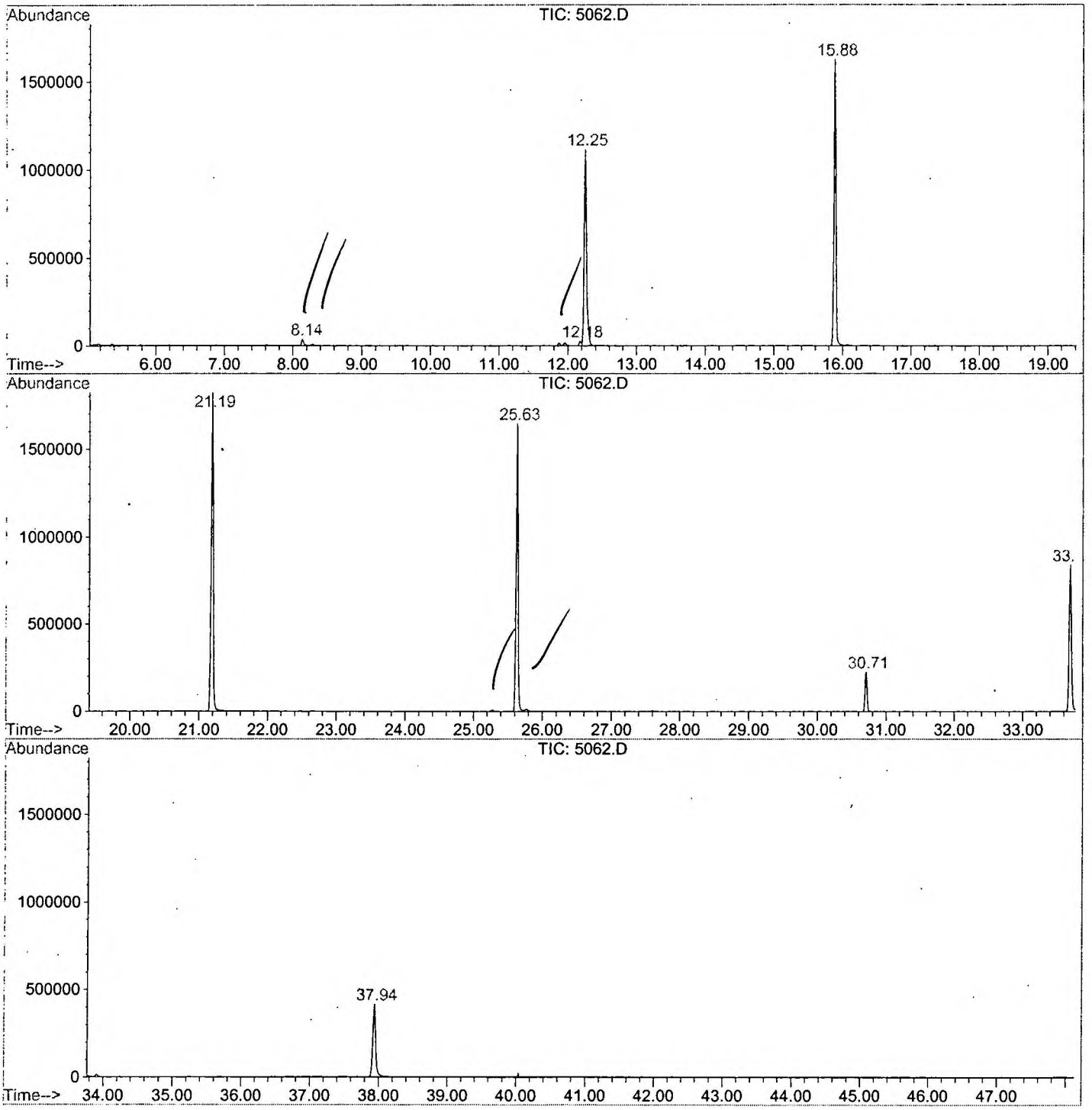
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.137	333	337	345	rBV	36965	82048	2.21%	0.492%
2	12.176	773	777	780	rBV	25770	54836	1.48%	0.329%
3	12.249	780	785	799	rVB	1113229	2558887	68.85%	15.340%
4	15.885	1175	1181	1195	rBV	1622593	3264312	87.83%	19.568%
5	21.191	1752	1759	1773	rBV	1822573	3716642	100.00%	22.280%
6	25.634	2236	2243	2253	rBV	1643962	3418941	91.99%	20.495%
7	30.711	2791	2796	2801	rBV	225168	455107	12.25%	2.728%
8	33.695	3114	3121	3140	rBV2	839489	1908329	51.35%	11.440%
9	37.936	3572	3583	3602	rBV	414311	1222394	32.89%	7.328%

Sum of corrected areas: 16681496

5062.D GCMS0308.M Tue Apr 02 15:35:40 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5062.D
Operator :
Acquired : 31 Mar 2002 1:41 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 34
Quant File :GCMS0308.RES (RTE Integrator)



5062.D GCMS0308.M Tue Apr 02 15:35:45 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5062.D
Acq On : 31 Mar 2002 1:41 am
Sample : gc/ms scan 3/8
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator:
Inst : GC/MS 209
Multiplr: 1.00

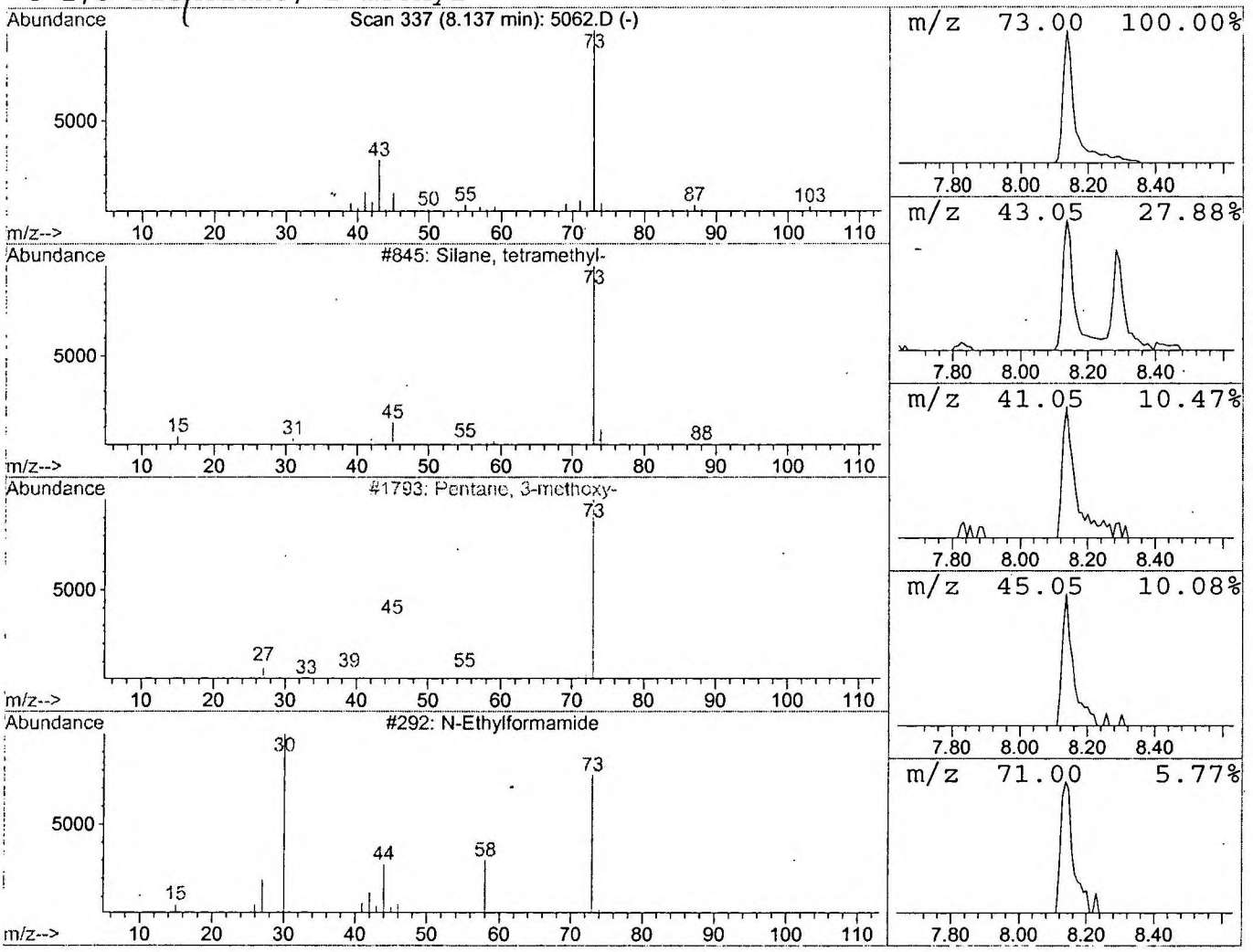
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.64 ug/l	82048	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	28
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5062.D
Acq On : 31 Mar 2002 1:41 am
Sample : gc/ms scan 3/8
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator:
Inst : GC/MS 209
Multiplr: 1.00

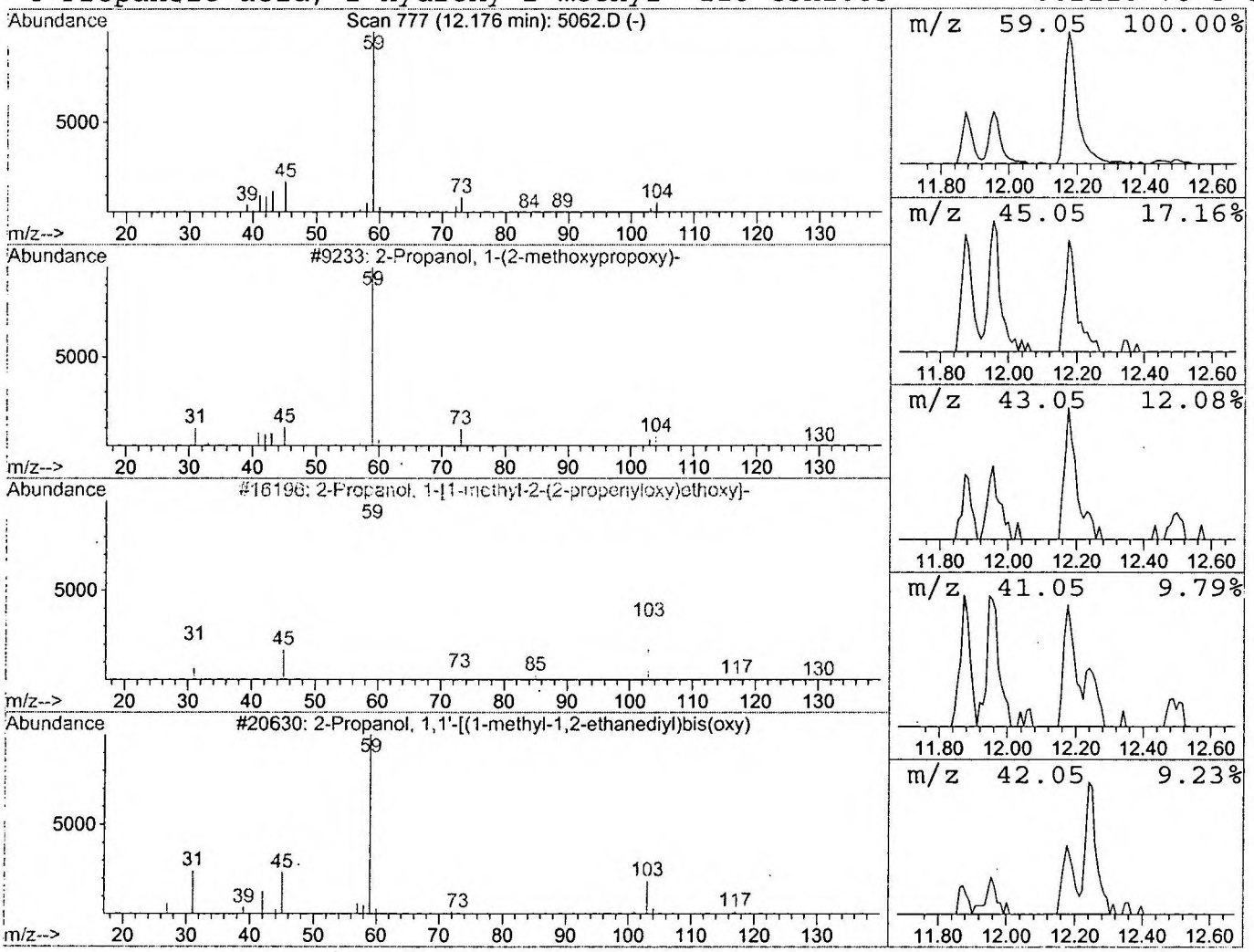
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1-(2-methoxypropox Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	0.43 ug/l	54836	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	83
2	2-Propanol, 1-[1-methyl-2-(2-propen	174	C9H18O3	055956-25-7	40
3	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	40
4	Propanoic acid, 2-hydroxy-2-methyl-	118	C5H10O3	002110-78-3	39



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 1:41 am
Data File: C:\HPCHEM\1\DATA\MAR3002\5062.D
Name: gc/ms scan 3/8
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	0.6	ug/l	82048	ISTD01	12.25	2558890	20.0
2-Propanol, 1-(2-met	12.18	0.4	ug/l	54836	ISTD01	12.25	2558890	20.0

5062.D GCMS0308.M Tue Apr 02 15:35:58 2002