User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 10:57:53

Sample: AE05151
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 10:57 Ended: 4/9/02 10:57 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		5.0

Comments for Sample AE05151 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 10:58:24

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\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 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 5:29 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	452769	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1672611	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	933678	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1303517	20.00	ug/l	-0.14
38) Chrysene-d12	33.69	240	667403	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	383228	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	74858	~~5.72~~ 4.05	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~114.40%~~ 81.08%		
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	0.00	165	0	N.D.		
25) Diethylphthalate	22.68	149	328	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\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 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 5:29 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

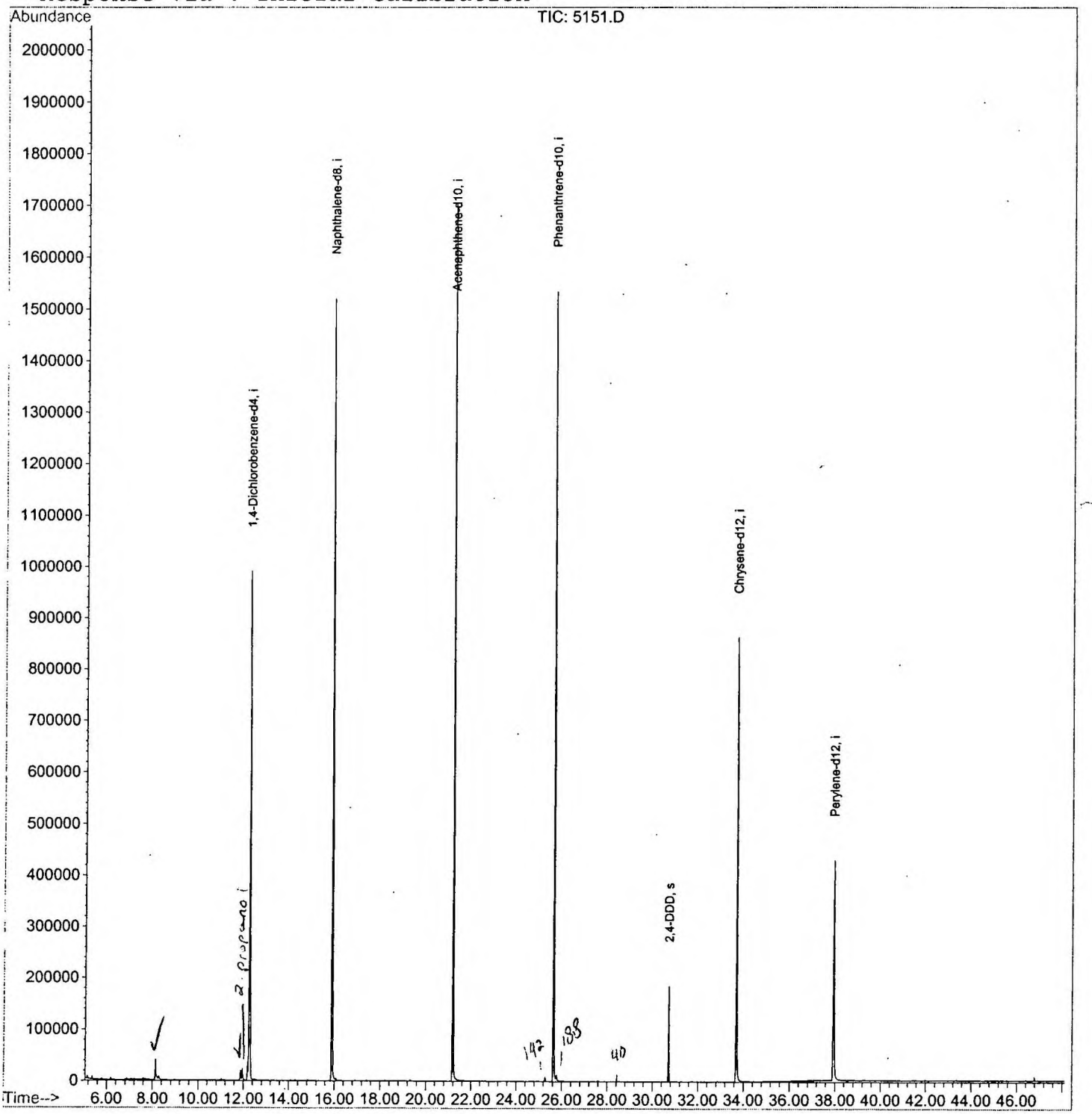
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.63	178	330	N.D.	
34)	Anthracene	25.63	178	330	N.D.	
35)	Di-n-butylphthalate	27.60	149	4240	N.D.	
36)	Fluoranthene	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	1478	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	606	N.D.	
43)	Chrysene	33.69	228	1478	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	1455	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\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 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 5:29 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\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 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

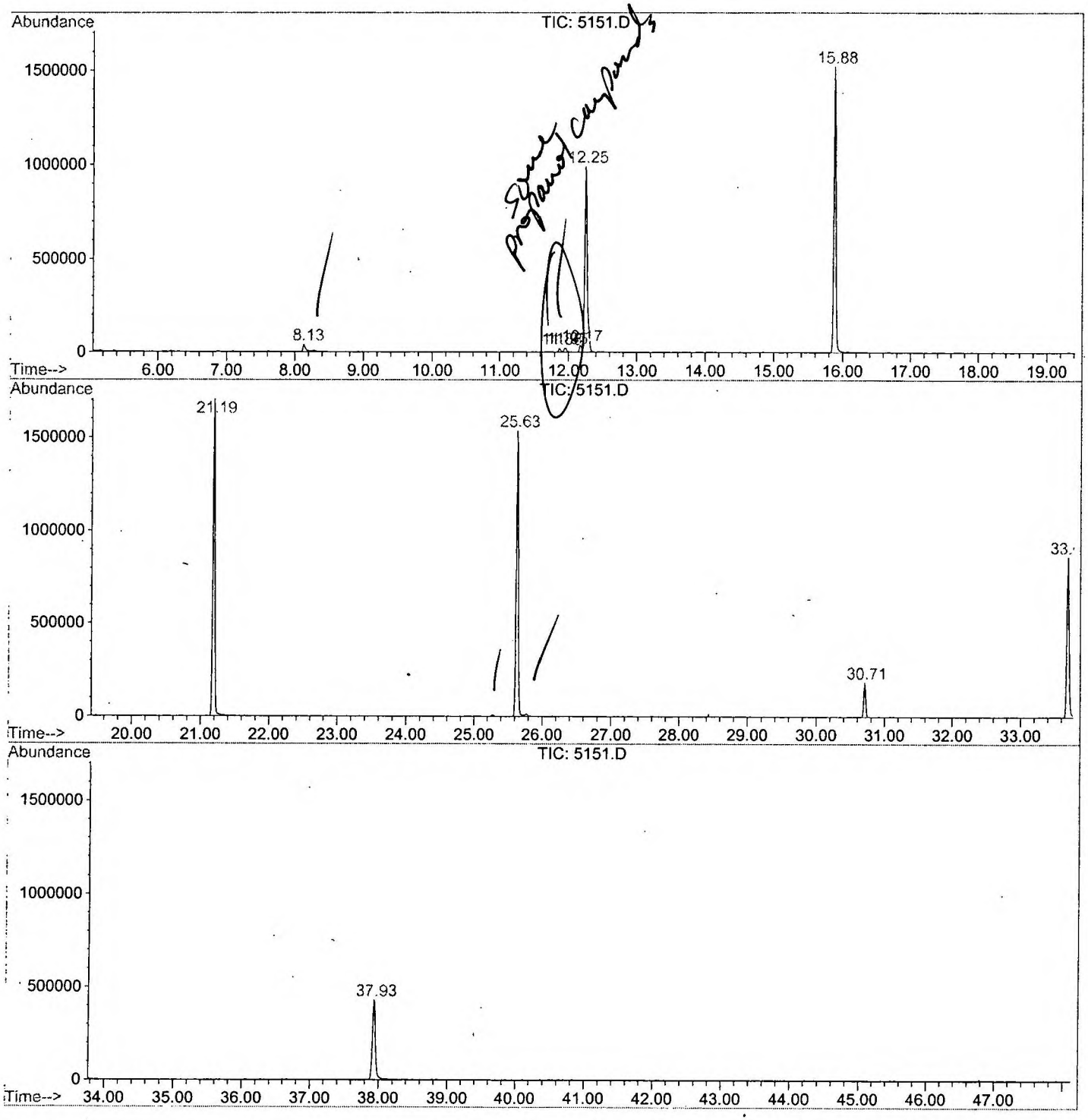
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	332	336	343	rBV	39521	93885	2.64%	0.575%
2	11.878	740	744	749	rBV	18513	41407	1.16%	0.254%
3	11.952	749	752	759	rVB	22065	50252	1.41%	0.308%
4	12.172	772	776	779	rBV	35474	75361	2.12%	0.462%
5	12.246	779	784	799	rVB	989877	2464977	69.24%	15.106%
6	15.881	1174	1180	1194	rBV	1520017	3156330	88.65%	19.343%
7	21.187	1752	1758	1774	rBV	1705308	3560267	100.00%	21.819%
8	25.631	2236	2242	2254	rBV2	1534577	3286653	92.31%	20.142%
9	30.707	2790	2795	2801	rBV	184713	358755	10.08%	2.199%
10	33.691	3113	3120	3138	rBV2	863633	1927362	54.14%	11.812%
11	37.932	3575	3582	3600	rBV2	427234	1302223	36.58%	7.981%

Sum of corrected areas: 16317472

5151.D GCMS0308.M Tue Apr 02 15:38:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5151.D
Operator :
Acquired : 31 Mar 2002 4:40 am using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 37
Quant File :GCMS0308.RES (RTE Integrator)



5151.D GCMS0308.M Tue Apr 02 15:38:18 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

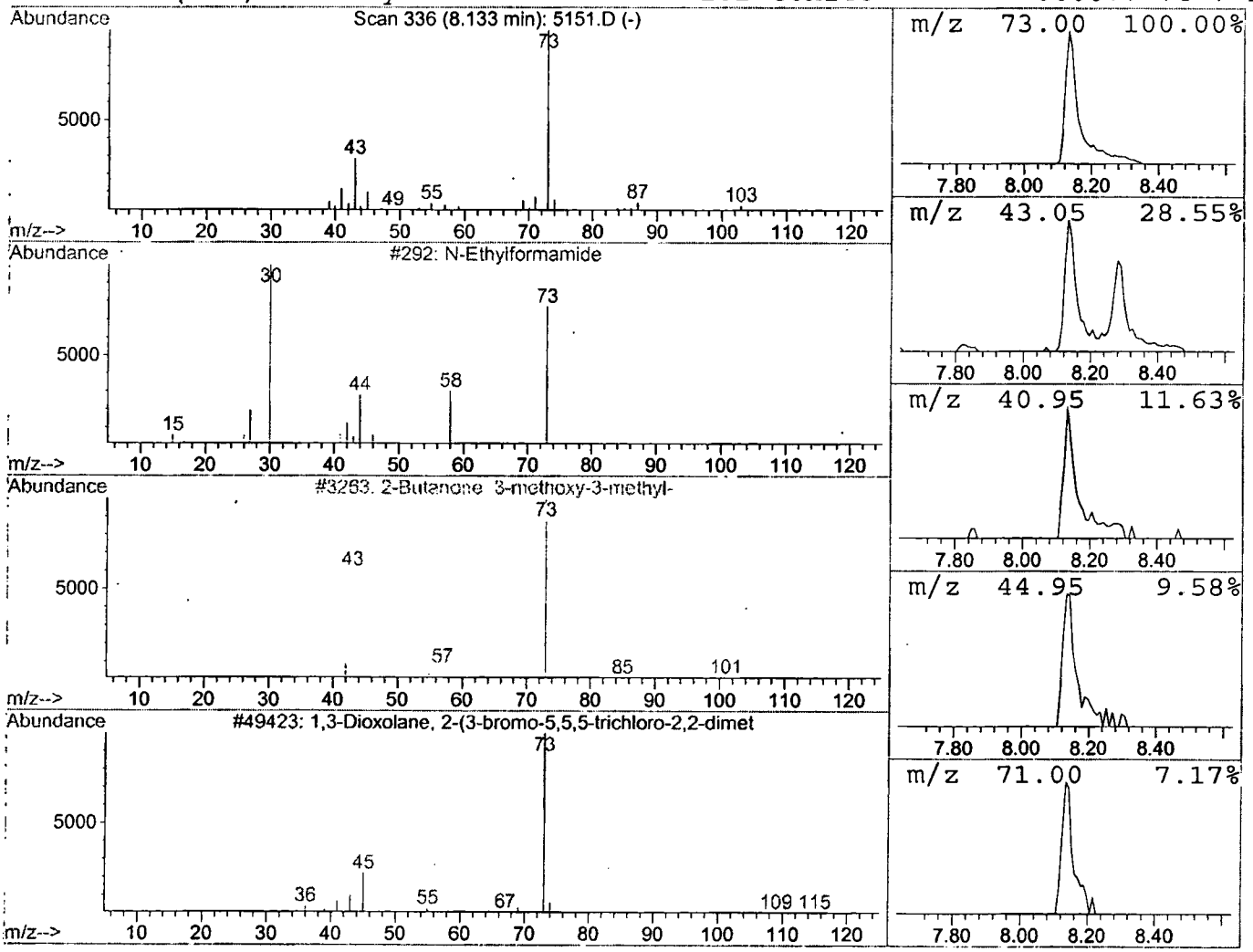
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	0.76 ug/l	93885	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

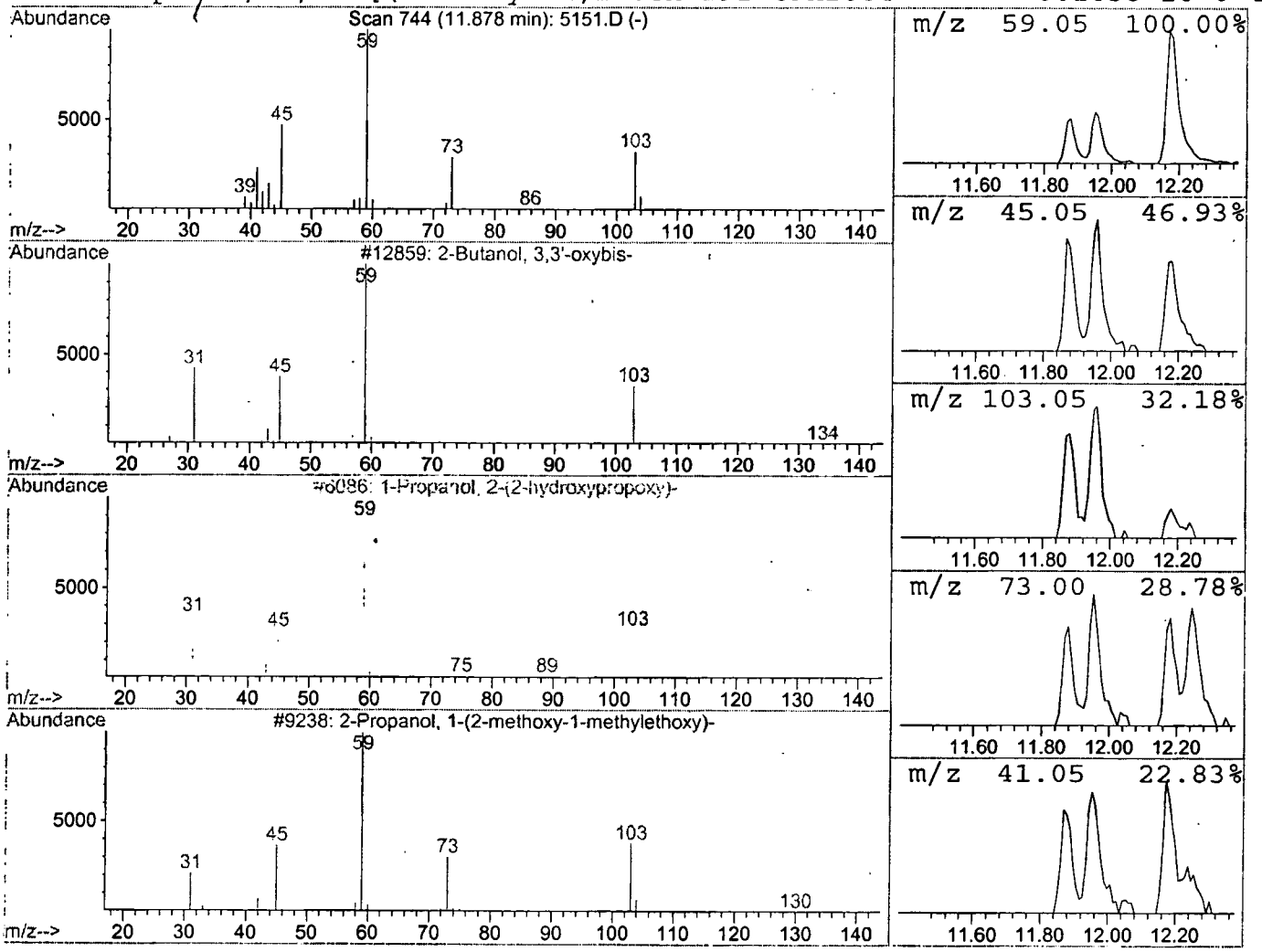
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3,3'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	0.34 ug/l	41407	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

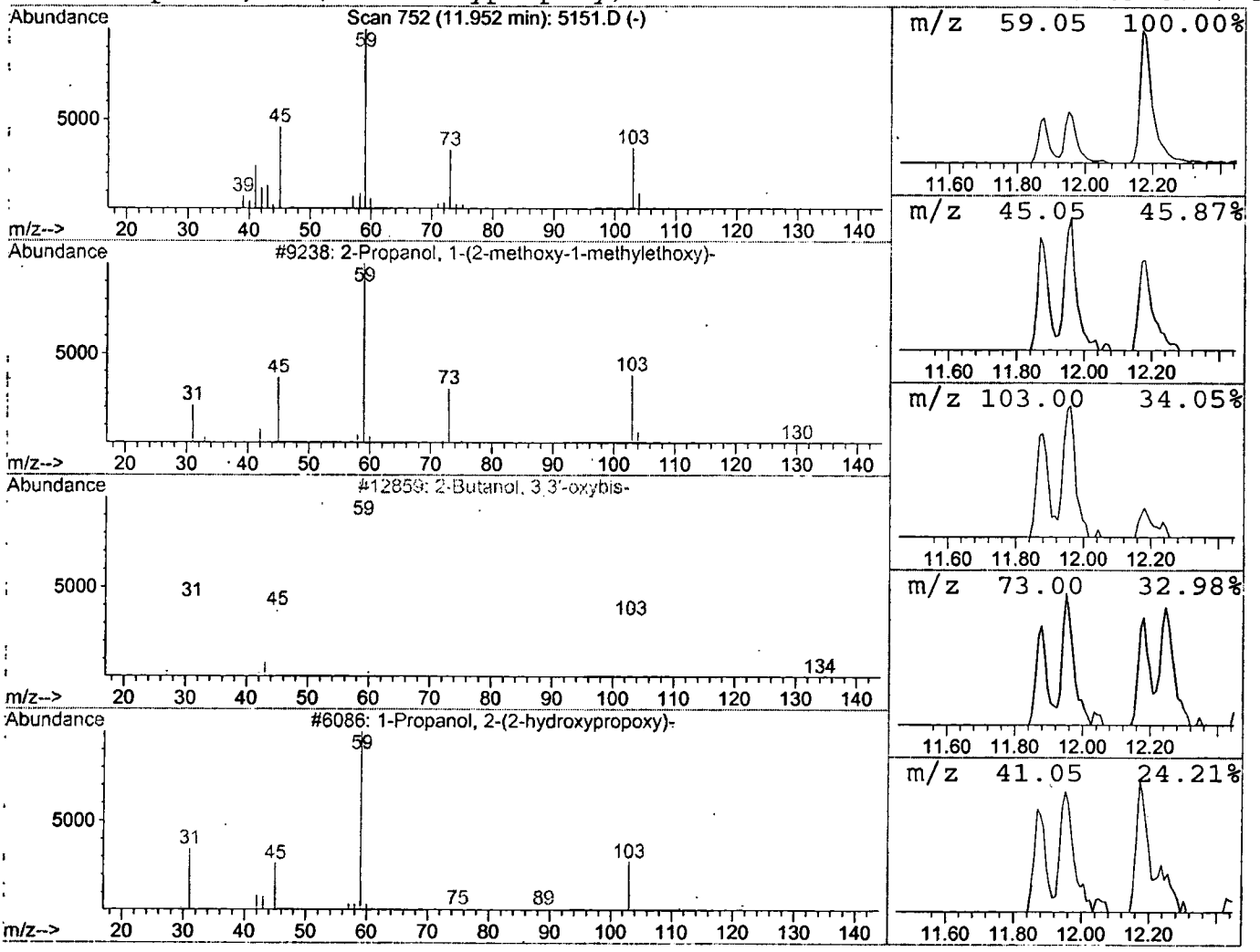
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	0.41 ug/l	50252	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	83
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5151.D Vial: 37
Acq On : 31 Mar 2002 4:40 am Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

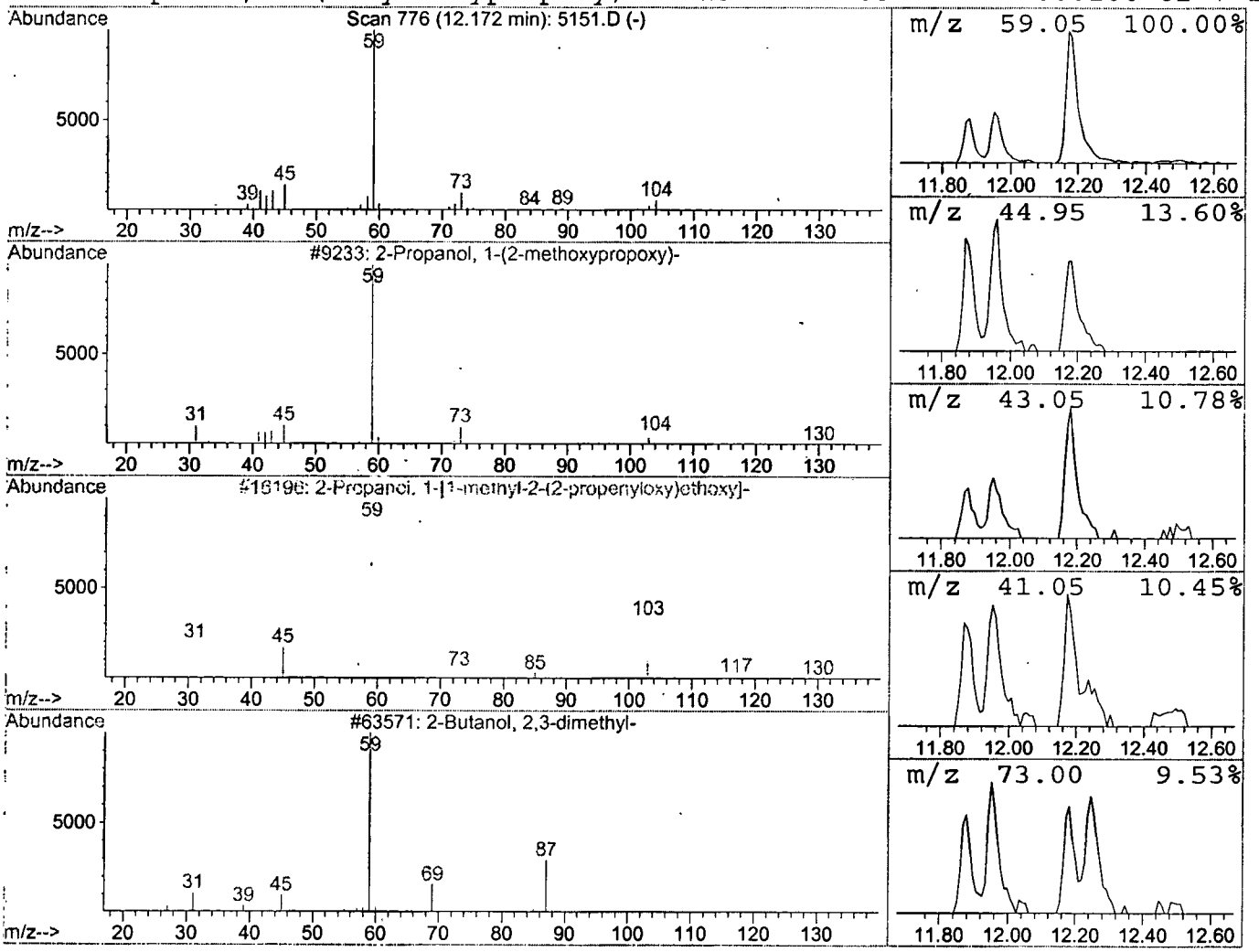
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxypropox Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	0.61 ug/l	75361	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-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 31 Mar 2002 , 4:40 am
Data File: C:\HPCHEM\1\DATA\MAR3002\5151.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
N-Ethylformamide	8.13	0.8	ug/l	93885	ISTD01	12.25	2464980	20.0
2-Butanol, 3,3'-oxyb	11.88	0.3	ug/l	41407	ISTD01	12.25	2464980	20.0
2-Propanol, 1-(2-met	11.95	0.4	ug/l	50252	ISTD01	12.25	2464980	20.0
2-Propanol, 1-(2-met	12.17	0.6	ug/l	75361	ISTD01	12.25	2464980	20.0

5151.D GCMS0308.M Tue Apr 02 15:38:40 2002