User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:29:14

Sample: AD29460
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:28 Ended: 1/4/02 12:28 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 AD29460 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 12:29:18

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29460.D Vial: 19
Acq On : 12 Dec 2001 8:33 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:37 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	938989	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3586640	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1767248	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2510543	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1535928	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1015897	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	147906	4.95	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.21	74	311	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	13.58	77	183	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	15.33	128	1717	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.31	165	168	N.D.		
25) Diethylphthalate	22.08	149	1453	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\DEC1201\29460.D Vial: 19
Acq On : 12 Dec 2001 8:33 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:37 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

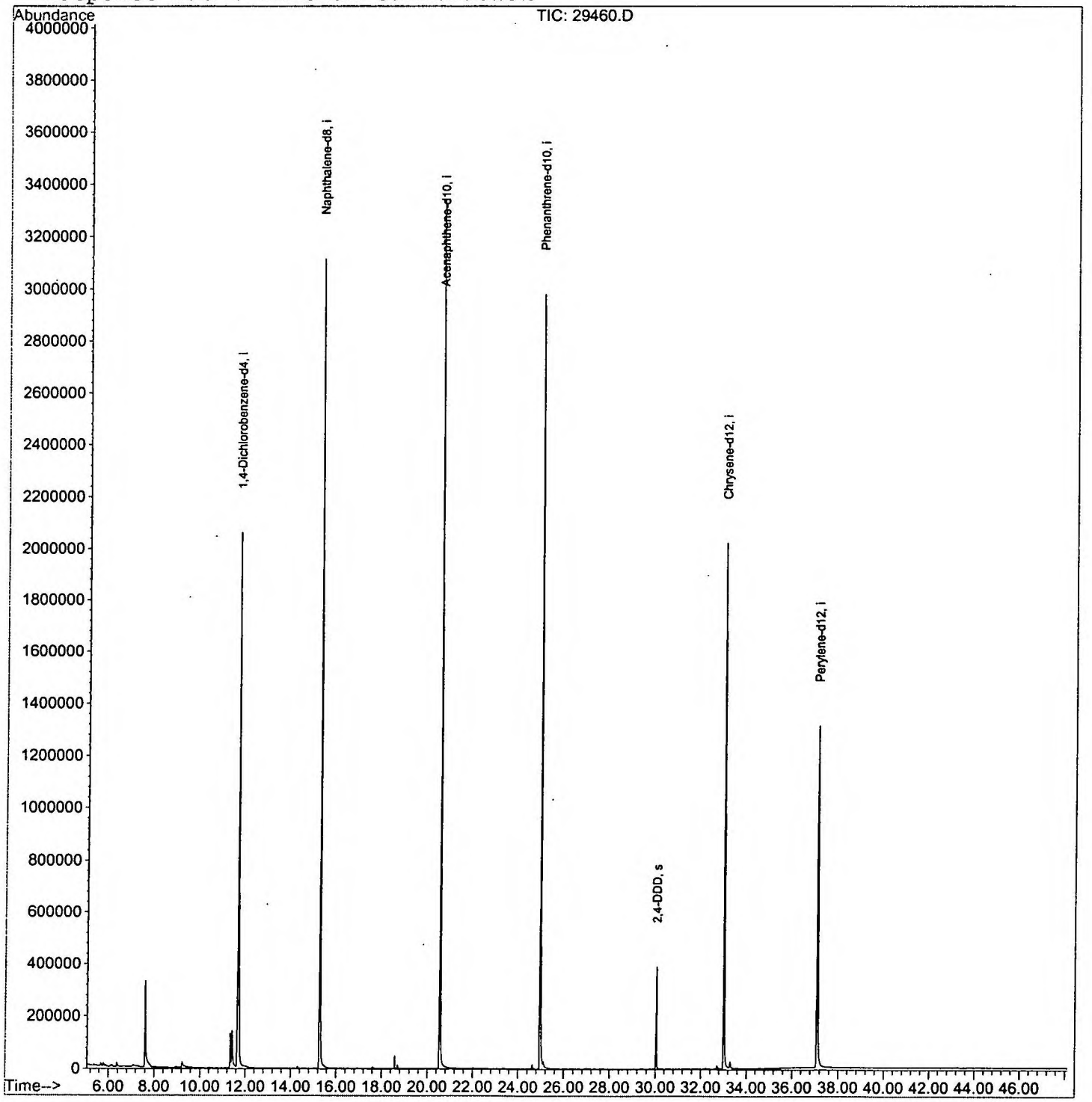
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.03	178	684	N.D.	
34)	Anthracene	25.03	178	684	N.D.	
35)	Di-n-butylphthalate	26.99	149	5712	N.D.	
36)	Fluoranthene	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	33.01	228	3729	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	21501	N.D.	
43)	Chrysene	33.01	228	3729	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	37.10	252	3934	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\DEC1201\29460.D Vial: 19
Acq On : 12 Dec 2001 8:33 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:37 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29460.D Vial: 19
Acq On : 12 Dec 2001 8:33 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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

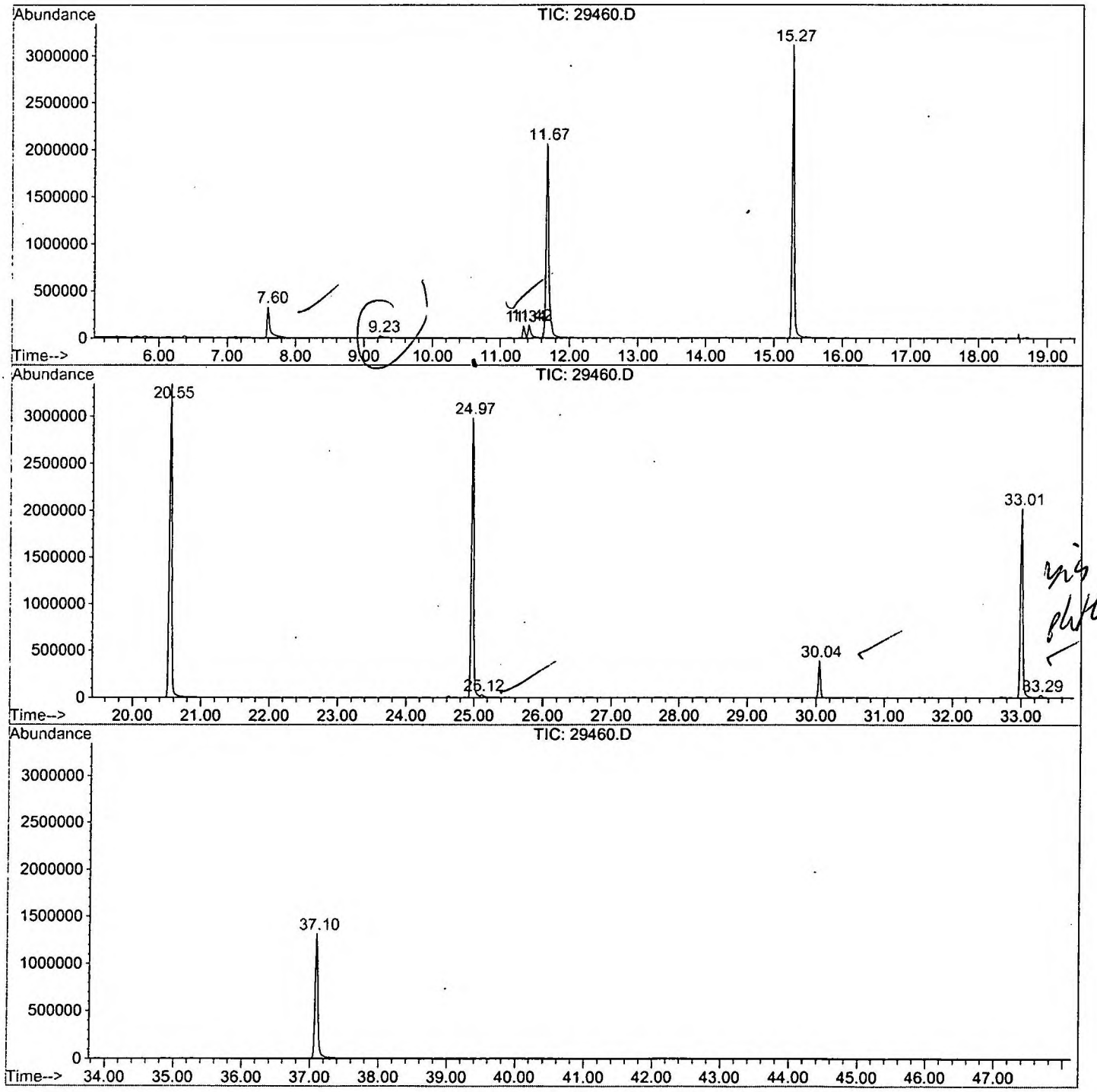
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	299	rBV	328549	930378	12.88%	2.473%
2	9.233	452	456	473	rBV2	23356	106090	1.47%	0.282%
3	11.335	681	685	690	rBV	132045	282894	3.91%	0.752%
4	11.418	690	694	714	rVB	140780	408597	5.65%	1.086%
5	11.666	714	721	745	rBV	2056750	5648018	78.16%	15.011%
6	15.274	1108	1114	1132	rBV	3114250	6798716	94.08%	18.069%
7	20.552	1683	1689	1705	rBV	3341949	7226183	100.00%	19.205%
8	24.968	2164	2170	2183	rBV2	2980195	6719503	92.99%	17.858%
9	25.115	2183	2186	2193	rVB2	23377	74377	1.03%	0.198%
10	30.045	2718	2723	2733	rBV	391151	823010	11.39%	2.187%
11	33.010	3039	3046	3063	rBV2	2021253	4844077	67.04%	12.874%
12	33.285	3071	3076	3087	rVB	25992	77476	1.07%	0.206%
13	37.095	3483	3491	3508	rBV2	1308754	3687125	51.02%	9.799%

Sum of corrected areas: 37626444

29460.D GCMS1126.M Fri Dec 21 12:27:16 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29460.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 8:33 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/5
Misc Info :
Vial Number: 19
Quant File :GCMS1126.RES (RTE Integrator)



29460.D GCMS1126.M Fri Dec 21 12:27:22 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29460.D
Acq On : 12 Dec 2001 8:33 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

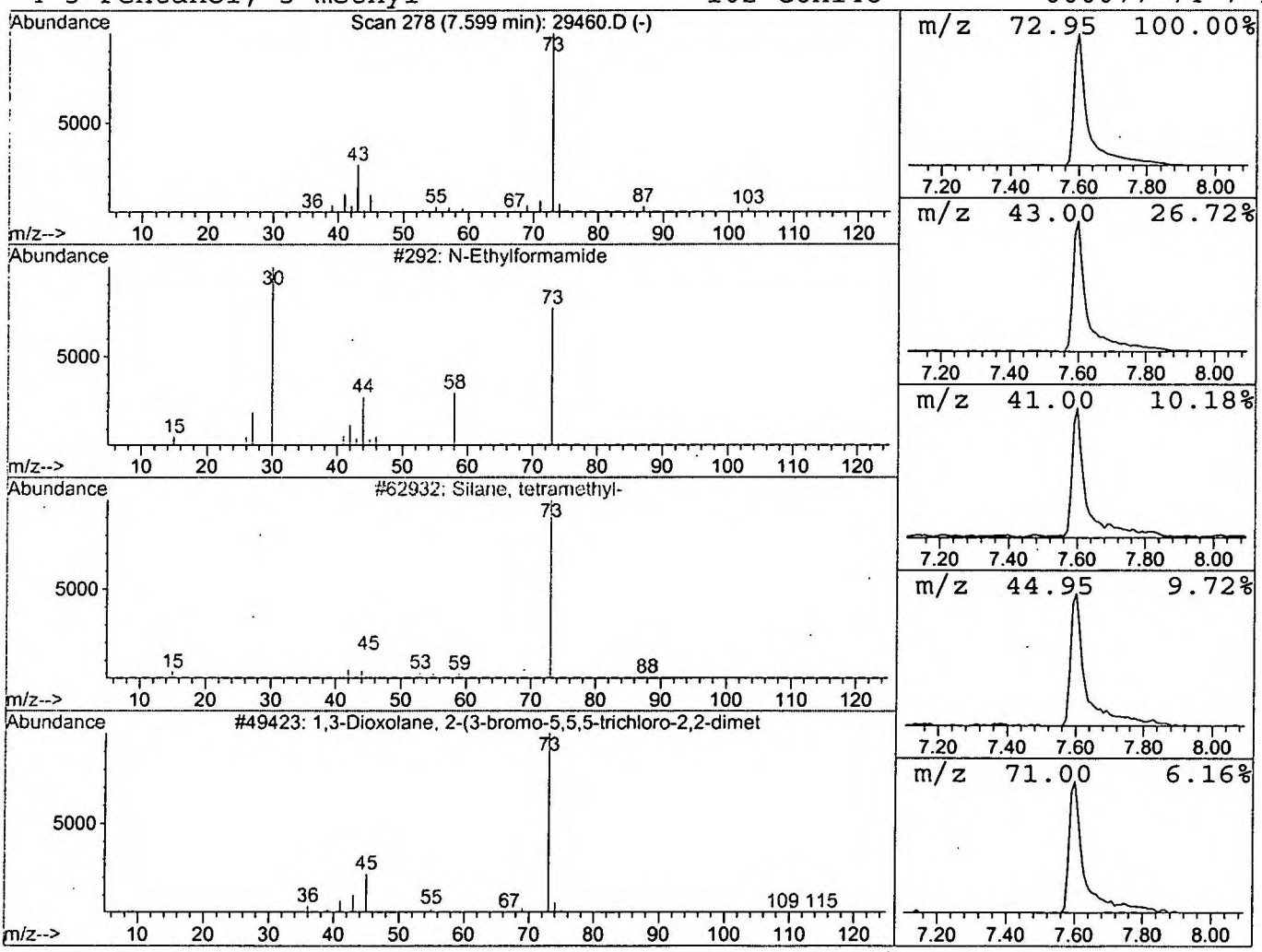
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.29 ug/l	930378	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	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\DEC1201\29460.D
Acq On : 12 Dec 2001 8:33 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

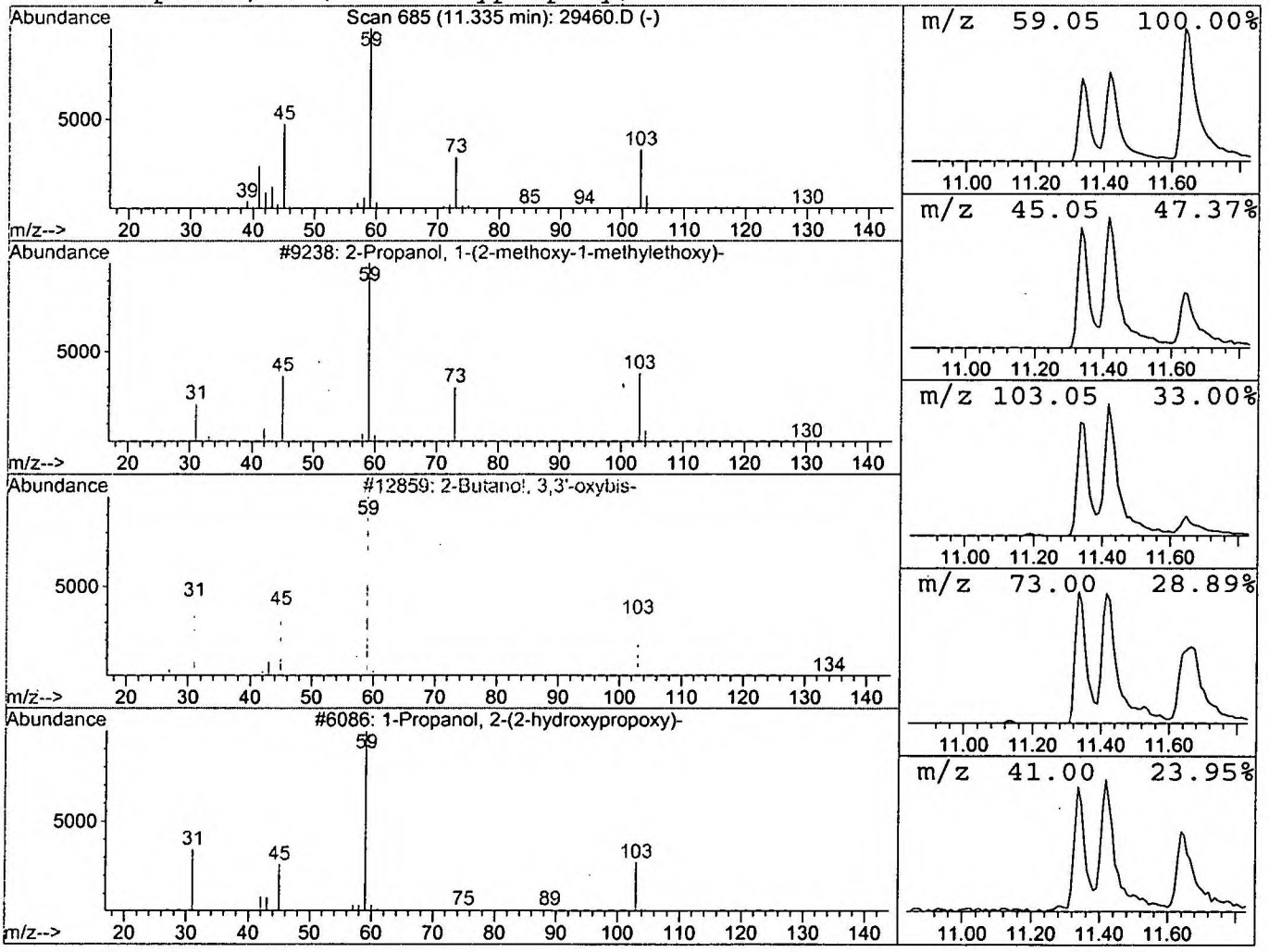
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.00 ug/l	282894	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
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	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29460.D
Acq On : 12 Dec 2001 8:33 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

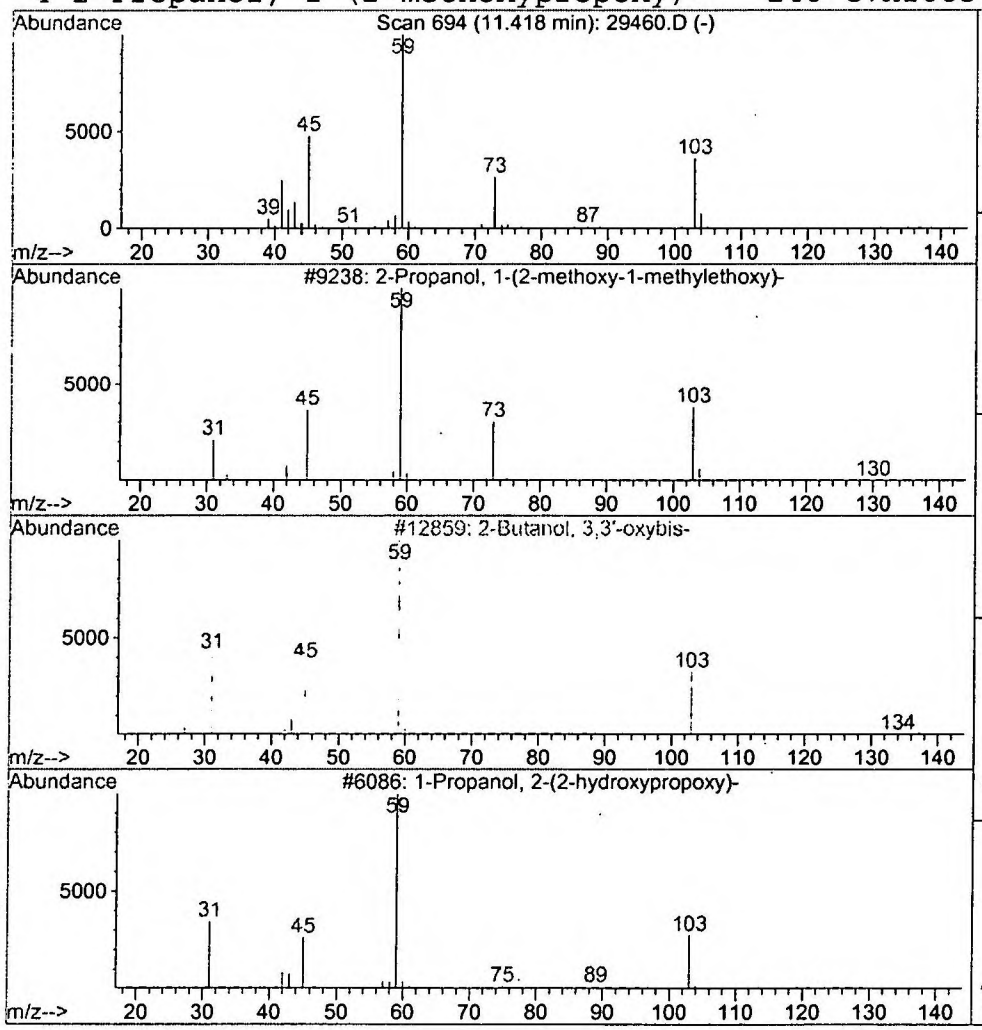
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

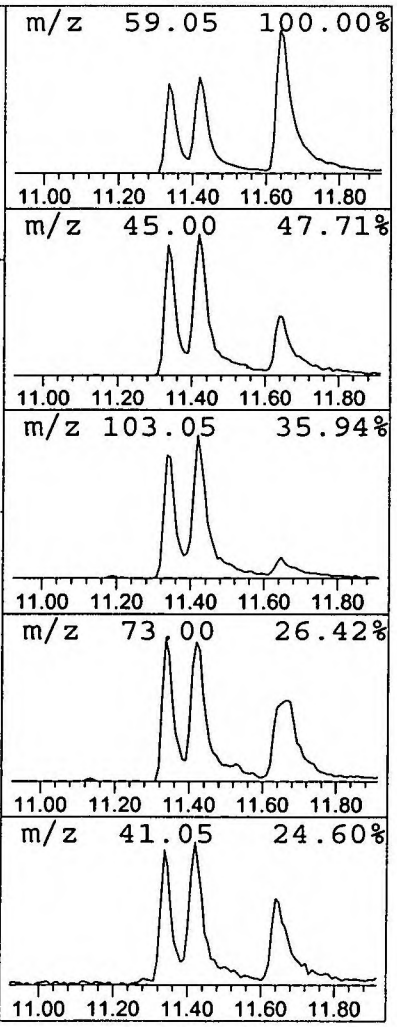
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.45 ug/l	408597	1,4-Dichlorobenzene-d4	11.68

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	40





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 8:33 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29460.D
Name: gc/ms scan 12/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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	7.60	3.3	ug/l	930378	ISTD01	11.68	5648020	20.0
2-Propanol, 1-(2-met	11.34	1.0	ug/l	282894	ISTD01	11.68	5648020	20.0
2-Propanol, 1-(2-met	11.42	1.4	ug/l	408597	ISTD01	11.68	5648020	20.0

29460.D GCMS1126.M Fri Dec 21 12:27:42 2001