Comments for Sample AD28594 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-0 2001 Time: 15:23:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.46 ug/L.
The recovery for the Surrogate Standard in this sample was 91%. Recoveries for 16 of the 44 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 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

Extracted 12/3/01

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	1266094	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	4808141	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	2376078	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.98	188	3464159	20.00	ug/l	-0.02
53) Chrysene-d12	33.02	240	2319436	20.00	ug/l	-0.02
59) Perylene-d12	37.11	264	1789991	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.05	235	187979	4.56	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 91.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.14	74	1626	N.D.		
4) Phenol	11.02	94	506	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	13.10	77	207	N.D.		
17) Isophorone	13.50	82	175	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.35	128	3977	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
29) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
30) 2-Chloronaphthalene	0.00	162	0	N.D.		
31) Dimethylphthalate	0.00	163	0	N.D.		
32) 2,6-Dinitrotoluene	20.12	165	126	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 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

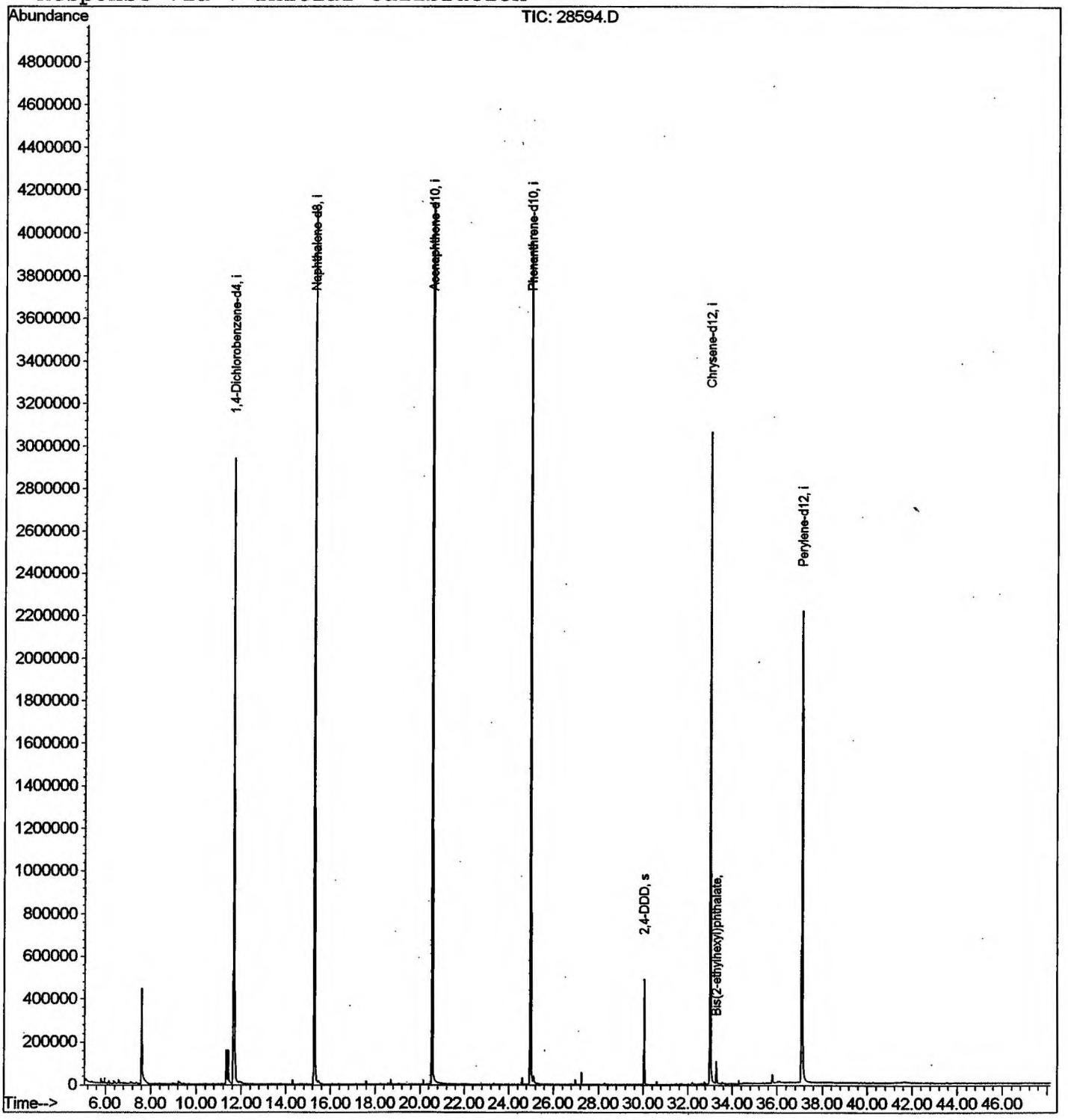
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.35	165	333	N.D.	
38)	Diethylphthalate	22.07	149	1529	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	23.12	77	180	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	25.04	178	965	N.D.	
49)	Anthracene	25.19	178	199	N.D.	
50)	Di-n-butylphthalate	26.99	149	24511	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	29.34	202	456	N.D.	
55)	Butylbenzylphthalate	31.49	149	1511	N.D.	
56)	Benzo(a)anthracene	33.08	228	5448	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.29	149	64968	0.46 ug/l	98
58)	Chrysene	33.08	228	5448	N.D.	
60)	Di-n-Octylphthalate	35.04	149	3935	N.D.	
61)	Benzo(b)fluoranthene	36.05	252	3619	N.D.	
62)	Benzo(k)fluoranthene	36.11	252	5225	N.D.	
63)	Benzo(a)pyrene	36.92	252	2815	N.D.	
64)	Indeno(1,2,3-cd)pyrene	40.79	276	122	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	Benzo(g,h,i)perylene	41.91	276	385	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract 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

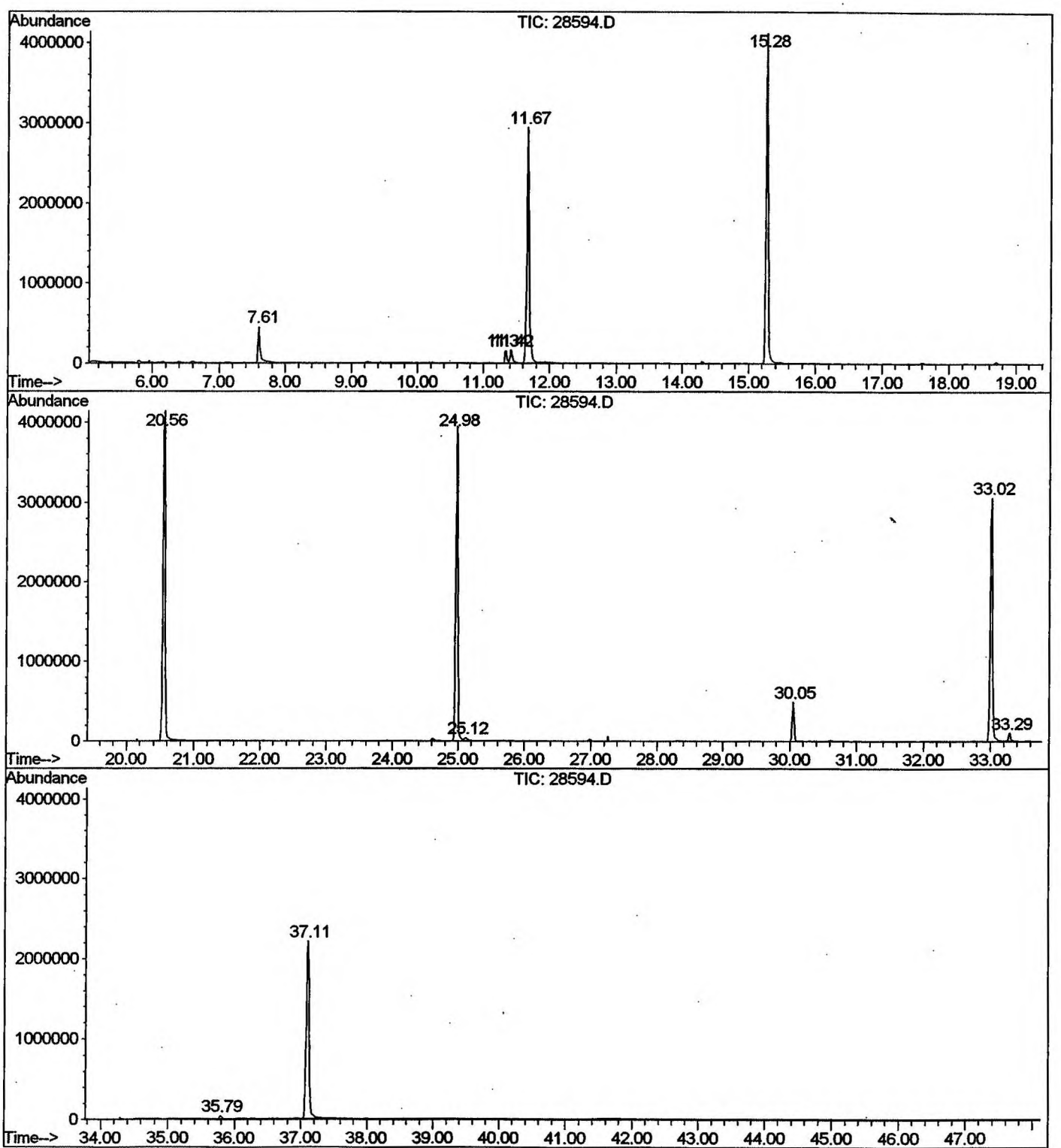
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.606	275	279	292	rBV	444176	1036842	10.90%	1.992%
2	11.343	681	686	691	rBV	156792	337849	3.55%	0.649%
3	11.416	691	694	711	rVB	158424	415376	4.37%	0.798%
4	11.673	714	722	738	rBV	2938704	7332535	77.07%	14.087%
5	15.281	1106	1115	1132	rBV	4113778	9001674	94.61%	17.294%
6	20.560	1682	1690	1707	rBV	4136123	9514355	100.00%	18.279%
7	24.975	2163	2171	2183	rBV2	3953447	9118843	95.84%	17.519%
8	25.122	2183	2187	2200	rVB	36061	111905	1.18%	0.215%
9	30.052	2718	2724	2732	rBV	492238	985581	10.36%	1.894%
10	33.017	3037	3047	3065	rBV2	3059951	7339823	77.14%	14.101%
11	33.293	3071	3077	3085	rBV	101112	220699	2.32%	0.424%
12	35.790	3344	3349	3357	rBV	40267	105617	1.11%	0.203%
13	37.112	3484	3493	3513	rBV2	2209341	6529541	68.63%	12.545%

Sum of corrected areas: 52050640

28594.D GCMS1126.M Thu Dec 06 15:01:11 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 1:05 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: re extract
Misc Info :
Vial Number: 3
Quant File :GCMS1126.RES (RTE Integrator)



28594.D GCMS1126.M Thu Dec 06 15:01:14 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

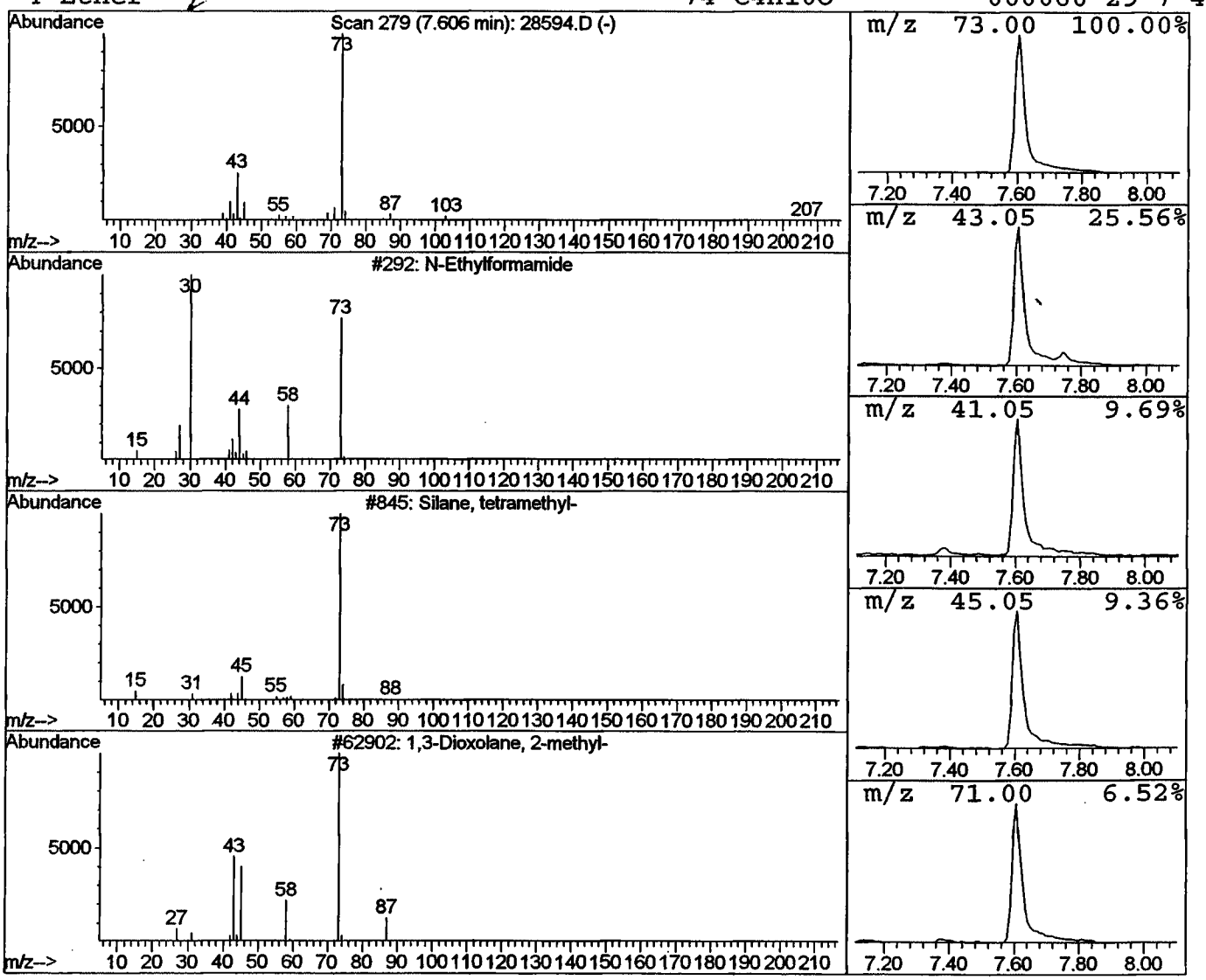
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.83 ug/l	1036840	1,4-Dichlorobenzene-d4	11.67

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-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

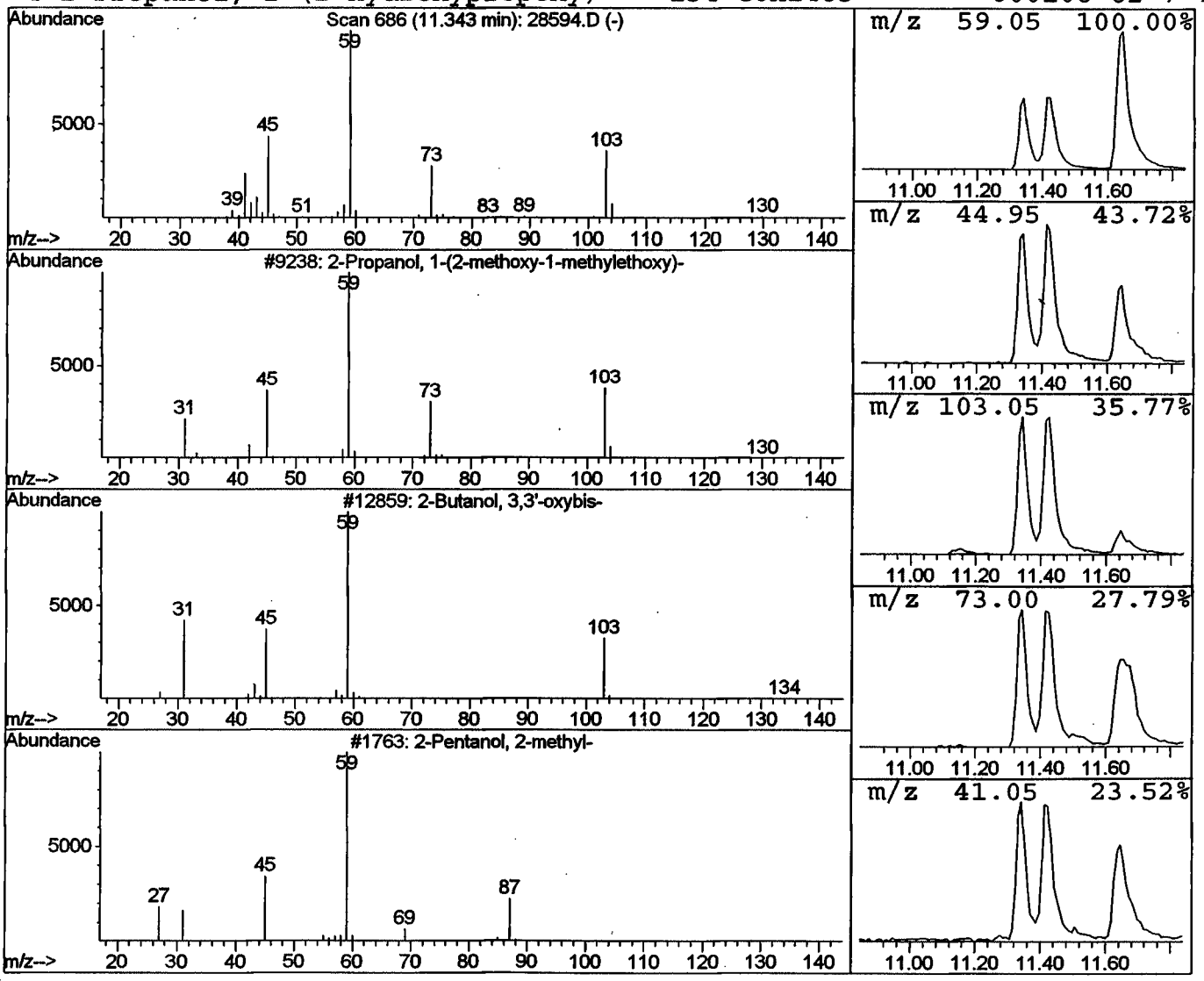
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.92 ug/l	337849	1,4-Dichlorobenzene-d4	11.67

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	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	42
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

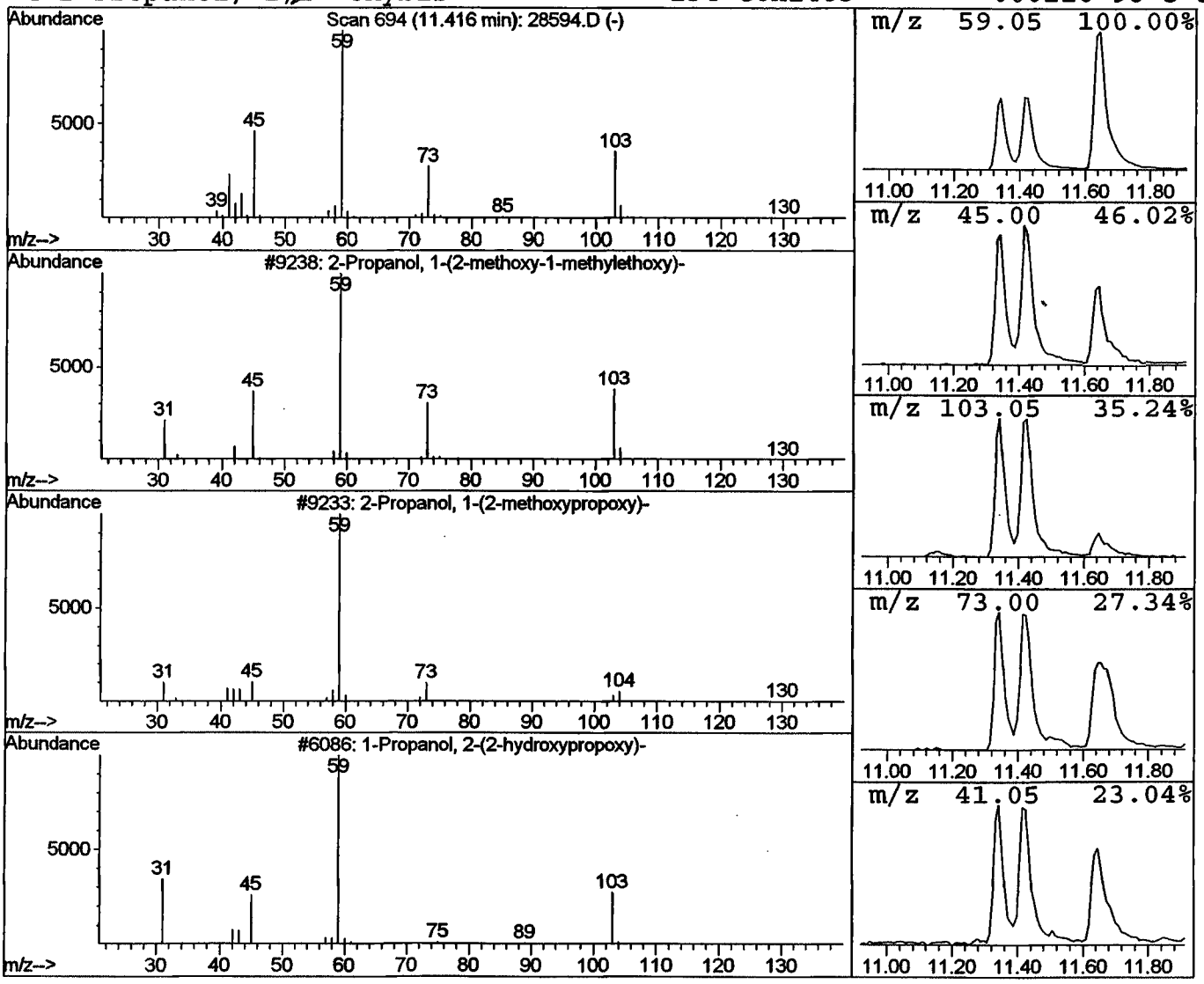
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.13 ug/l	415376	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



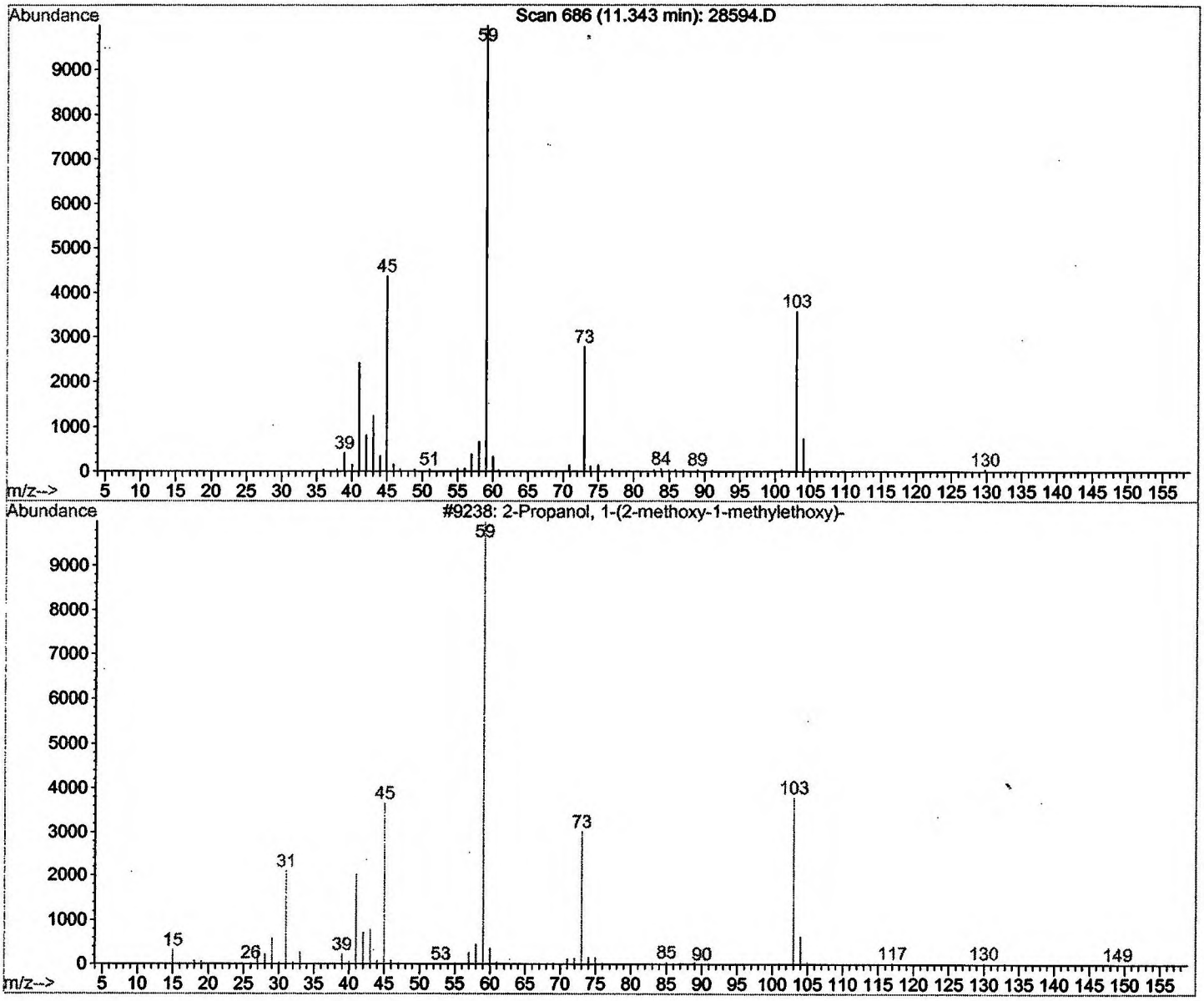
Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 1:05 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\28594.D
Name: re extract
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

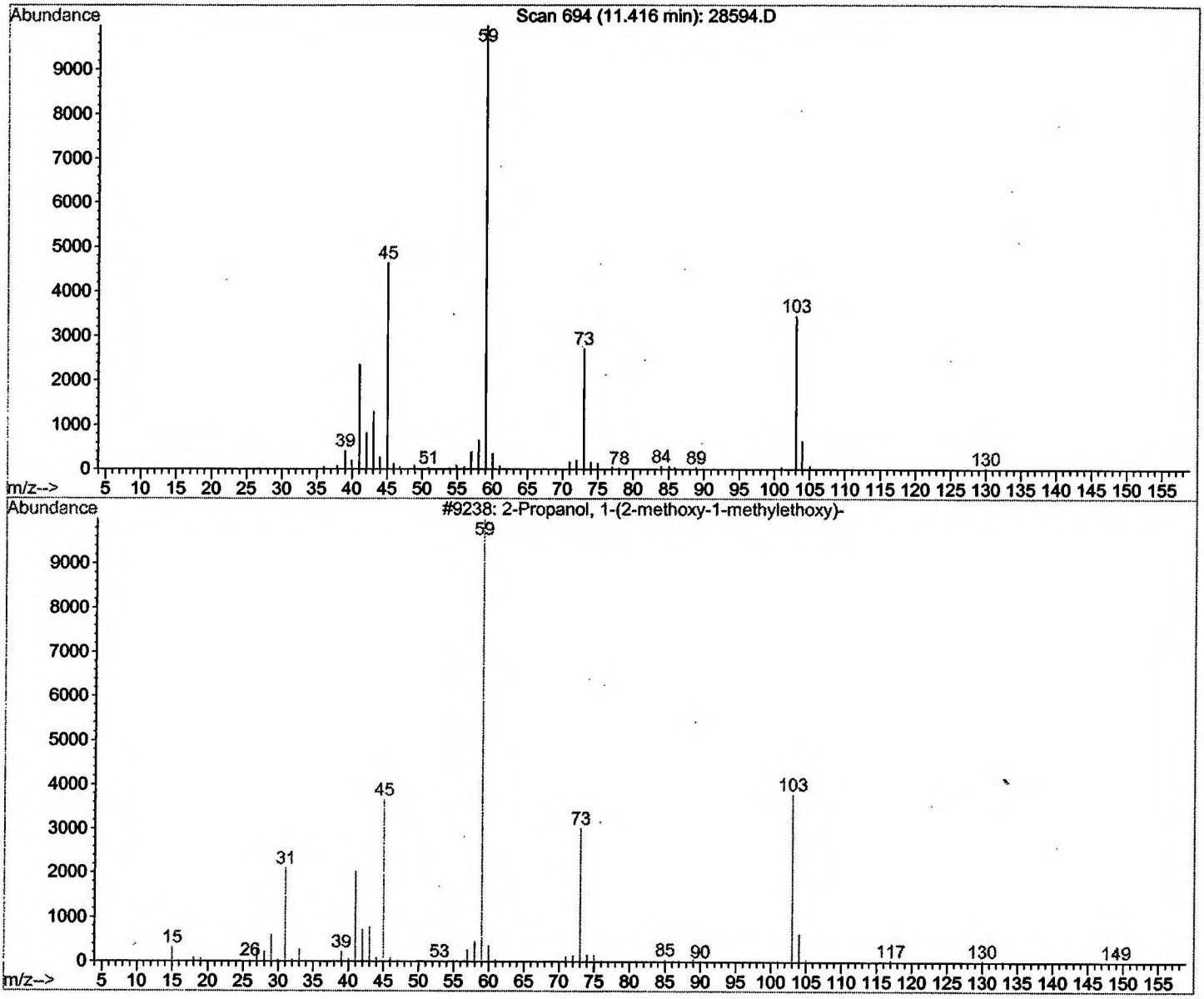
TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
N-Ethylformamide	7.61	2.8	ug/l	1036840	ISTD01	11.67	7332540	20.0
2-Propanol, 1-(2-met	11.34	0.9	ug/l	337849	ISTD01	11.67	7332540	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	415376	ISTD01	11.67	7332540	20.0

28594.D GCMS1126.M Thu Dec 06 15:01:23 2001

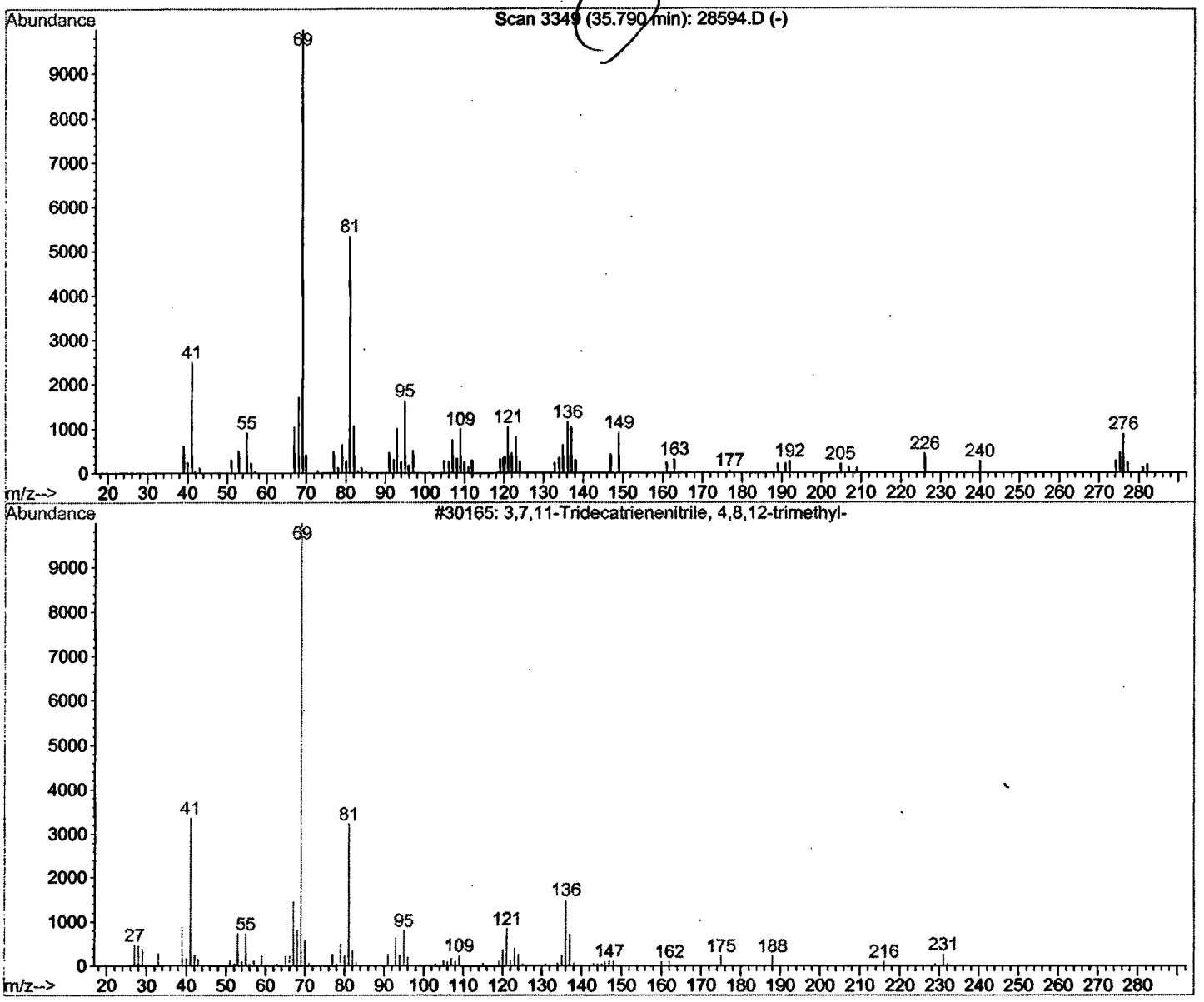
Library Searched : C:\DATABASE\nbs75k.l
Quality : 83
ID : 2-Propanol, 1-(2-methoxy-1-methylethoxy)-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 90
ID : 2-Propanol, 1-(2-methoxy-1-methylethoxy)-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 59
ID : 3,7,11-Tridecatrienenitrile, 4,8,12-trimethyl-



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 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	11.67	152	1266094	20.00	ug/l	-0.03
15) Naphthalene-d8	15.28	136	4808141	20.00	ug/l	-0.03
26) Acenaphthene-d10	20.56	164	2376078	20.00	ug/l	-0.02
42) Phenanthrene-d10	24.98	188	3464159	20.00	ug/l	-0.02
53) Chrysene-d12	33.02	240	2319436	20.00	ug/l	-0.02
59) Perylene-d12	37.11	264	1789991	20.00	ug/l	0.00
System Monitoring Compounds						
52) 2,4-DDD	30.05	235	187979	4.56	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 91.20%			
Target Compounds						Qvalue
2) Pyridine	0.00	79	0	N.D.		
3) N-nitroso-dimethyl amine	5.14	74	1626	N.D.		
4) Phenol	11.02	94	506	N.D.		
5) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
6) 2-Chlorophenol	0.00	128	0	N.D.		
7) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
8) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
9) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
10) 2-Methylphenol	0.00	108	0	N.D.		
11) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
12) 3&4-Methylphenol	0.00	108	0	N.D.		
13) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
14) Hexachloroethane	0.00	117	0	N.D.		
16) Nitrobenzene	13.10	77	207	N.D.		
17) Isophorone	13.50	82	175	N.D.		
18) 2-Nitrophenol	0.00	139	0	N.D.		
19) 2,4-Dimethylphenol	0.00	107	0	N.D.		
20) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
21) 2,4-Dichlorophenol	0.00	162	0	N.D.		
22) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
23) Naphthalene	15.35	128	3977	N.D.		
24) Hexachlorobutadiene	0.00	225	0	N.D.		
25) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
27) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
28) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 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

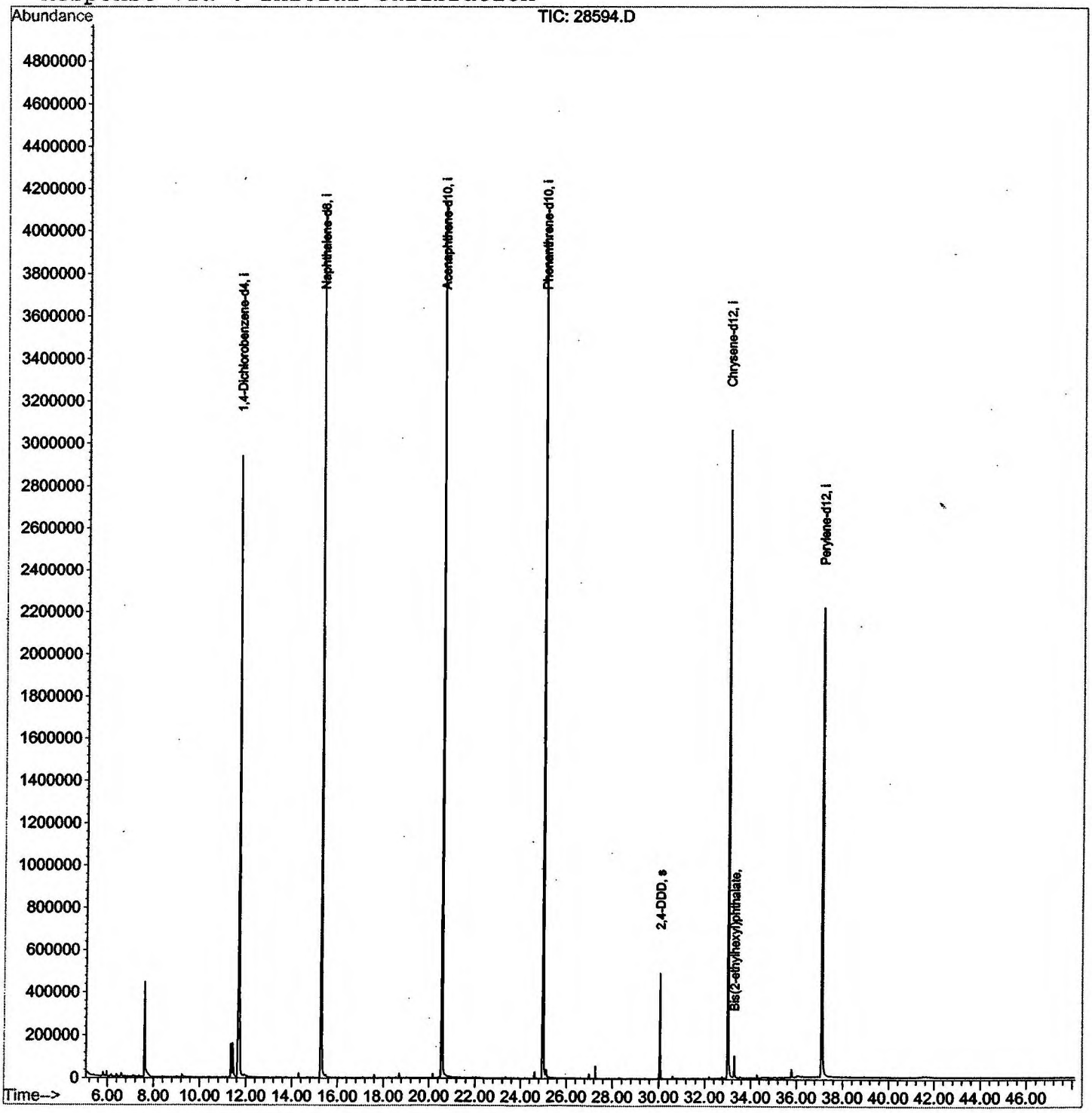
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
30)	2-Chloronaphthalene	0.00	162	0	N.D.	
31)	Dimethylphthalate	0.00	163	0	N.D.	
32)	2,6-Dinitrotoluene	20.12	165	126	N.D.	
33)	Acenaphthylene	0.00	152	0	N.D.	
34)	Acenaphthene	0.00	153	0	N.D.	
35)	2,4-Dinitrophenol	0.00	184	0	N.D.	
36)	4-Nitrophenol	0.00	65	0	N.D.	
37)	2,4-Dinitrotoluene	21.35	165	333	N.D.	
38)	Diethylphthalate	22.07	149	1529	N.D.	
39)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
40)	Fluorene	0.00	166	0	N.D.	
41)	Azobenzen/ 1,2-Diphenylhyd	23.12	77	180	N.D.	
43)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
44)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
45)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
46)	Hexachlorobenzene	0.00	284	0	N.D.	
47)	Pentachlorophenol	0.00	266	0	N.D.	
48)	Phenanthrene	25.04	178	965	N.D.	
49)	Anthracene	25.19	178	199	N.D.	
50)	Di-n-butylphthalate	26.99	149	24511	N.D.	
51)	Fluoranthene	0.00	202	0	N.D.	
54)	Pyrene	29.34	202	456	N.D.	
55)	Butylbenzylphthalate	31.49	149	1511	N.D.	
56)	Benzo(a)anthracene	33.08	228	5448	N.D.	
57)	Bis(2-ethylhexyl)phthalate	33.29	149	64968	0.46 ug/l	98
58)	Chrysene	33.08	228	5448	N.D.	
60)	Di-n-Octylphthalate	35.04	149	3935	N.D.	
61)	Benzo(b)fluoranthene	36.05	252	3619	N.D.	
62)	Benzo(k)fluoranthene	36.11	252	5225	N.D.	
63)	Benzo(a)pyrene	36.92	252	2815	N.D.	
64)	Indeno(1,2,3-cd)pyrene	40.79	276	122	N.D.	
65)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
66)	Benzo(g,h,i)perylene	41.91	276	385	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 6 13:53 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\DEC0601\28594.D Vial: 3
Acq On : 6 Dec 2001 1:05 pm Operator: 209 GALOS
Sample : re extract 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

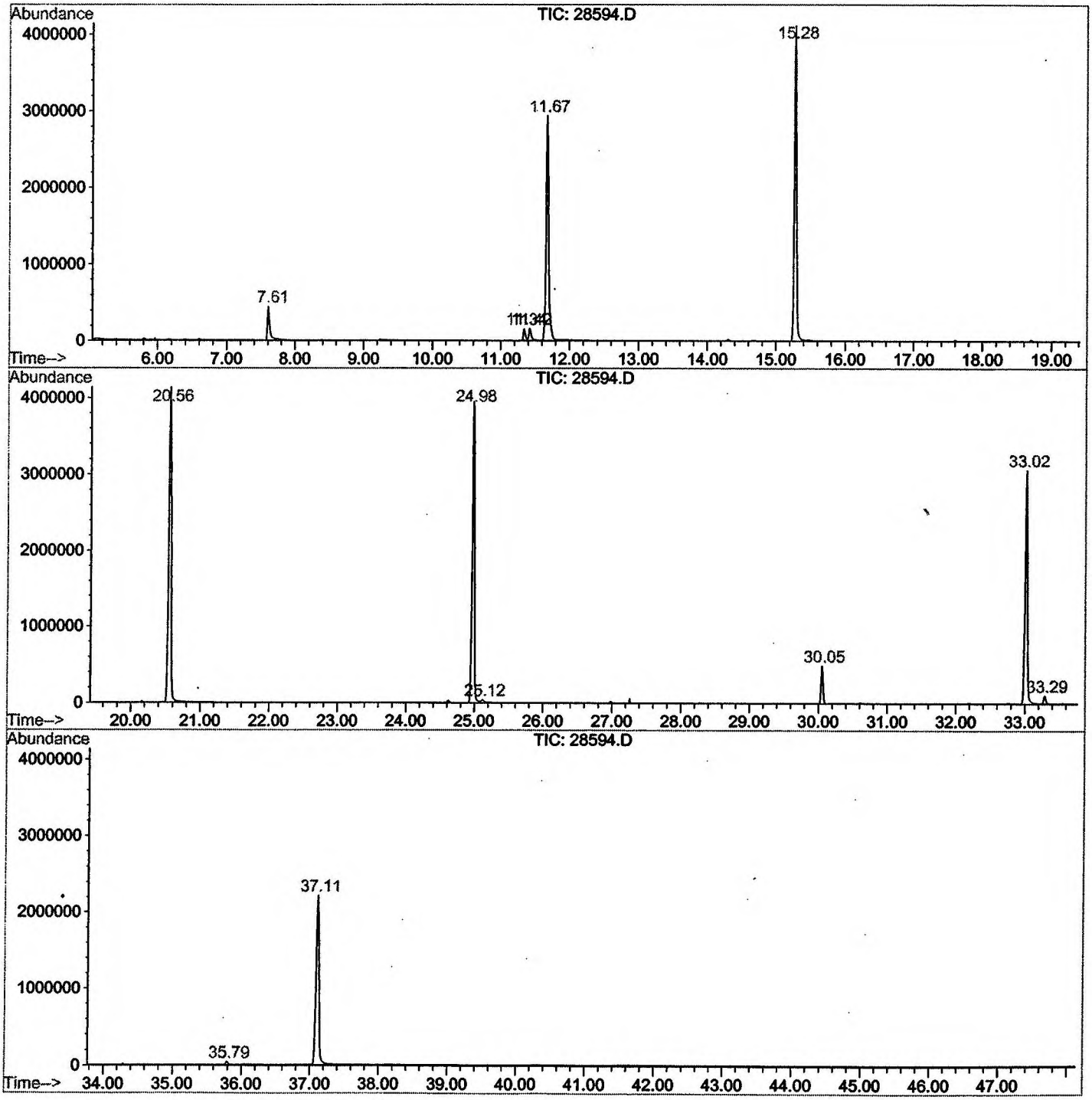
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.606	275	279	292	rBV	444176	1036842	10.90%	1.992%
2	11.343	681	686	691	rBV	156792	337849	3.55%	0.649%
3	11.416	691	694	711	rVB	158424	415376	4.37%	0.798%
4	11.673	714	722	738	rBV	2938704	7332535	77.07%	14.087%
5	15.281	1106	1115	1132	rBV	4113778	9001674	94.61%	17.294%
6	20.560	1682	1690	1707	rBV	4136123	9514355	100.00%	18.279%
7	24.975	2163	2171	2183	rBV2	3953447	9118843	95.84%	17.519%
8	25.122	2183	2187	2200	rVB	36061	111905	1.18%	0.215%
9	30.052	2718	2724	2732	rBV	492238	985581	10.36%	1.894%
10	33.017	3037	3047	3065	rBV2	3059951	7339823	77.14%	14.101%
11	33.293	3071	3077	3085	rBV	101112	220699	2.32%	0.424%
12	35.790	3344	3349	3357	rBV	40267	105617	1.11%	0.203%
13	37.112	3484	3493	3513	rBV2	2209341	6529541	68.63%	12.545%

Sum of corrected areas: 52050640

28594.D GCMS1126.M Fri Dec 14 16:24:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Operator : 209 GALOS
Acquired : 6 Dec 2001 1:05 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: re extract
Misc Info :
Vial Number: 3
Quant File :GCMS1126.RES (RTE Integrator)



28594.D GCMS1126.M Fri Dec 14 16:24:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

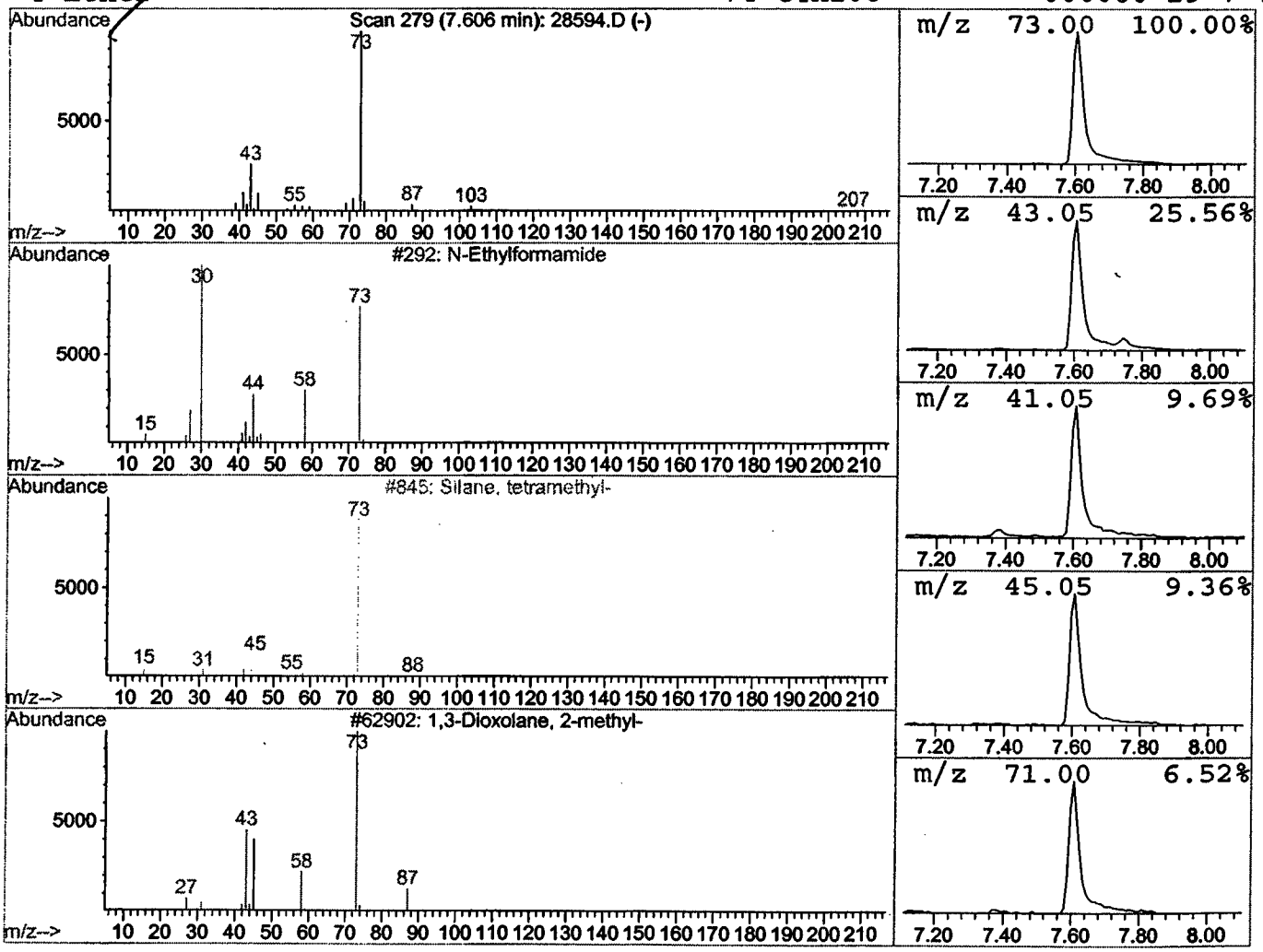
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.83 ug/l	1036840	1,4-Dichlorobenzene-d4	11.67

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-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

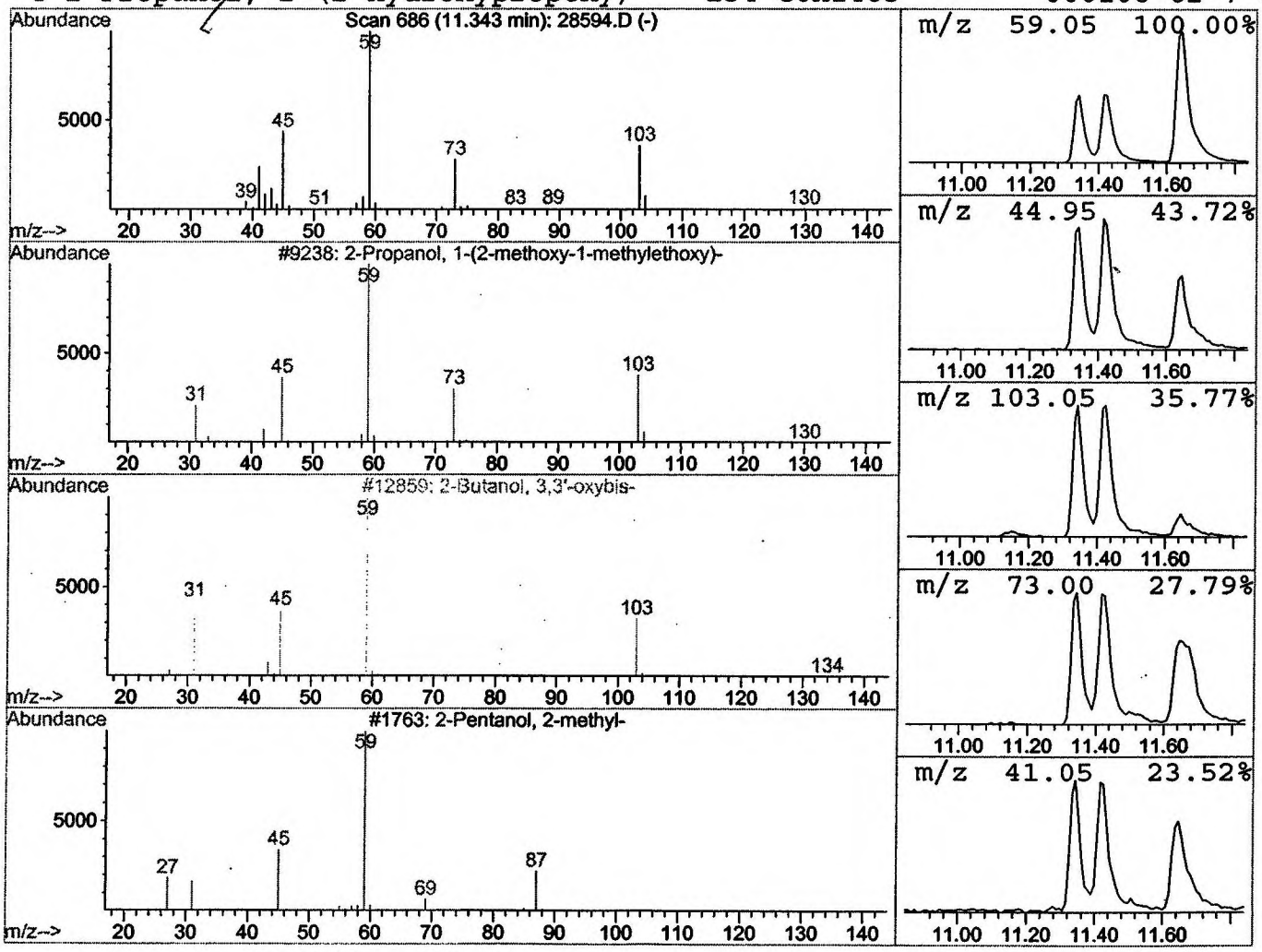
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.92 ug/l	337849	1,4-Dichlorobenzene-d4	11.67

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	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	42
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\28594.D
Acq On : 6 Dec 2001 1:05 pm
Sample : re extract
Misc :
MS Integration Params: LSCINT.P

Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

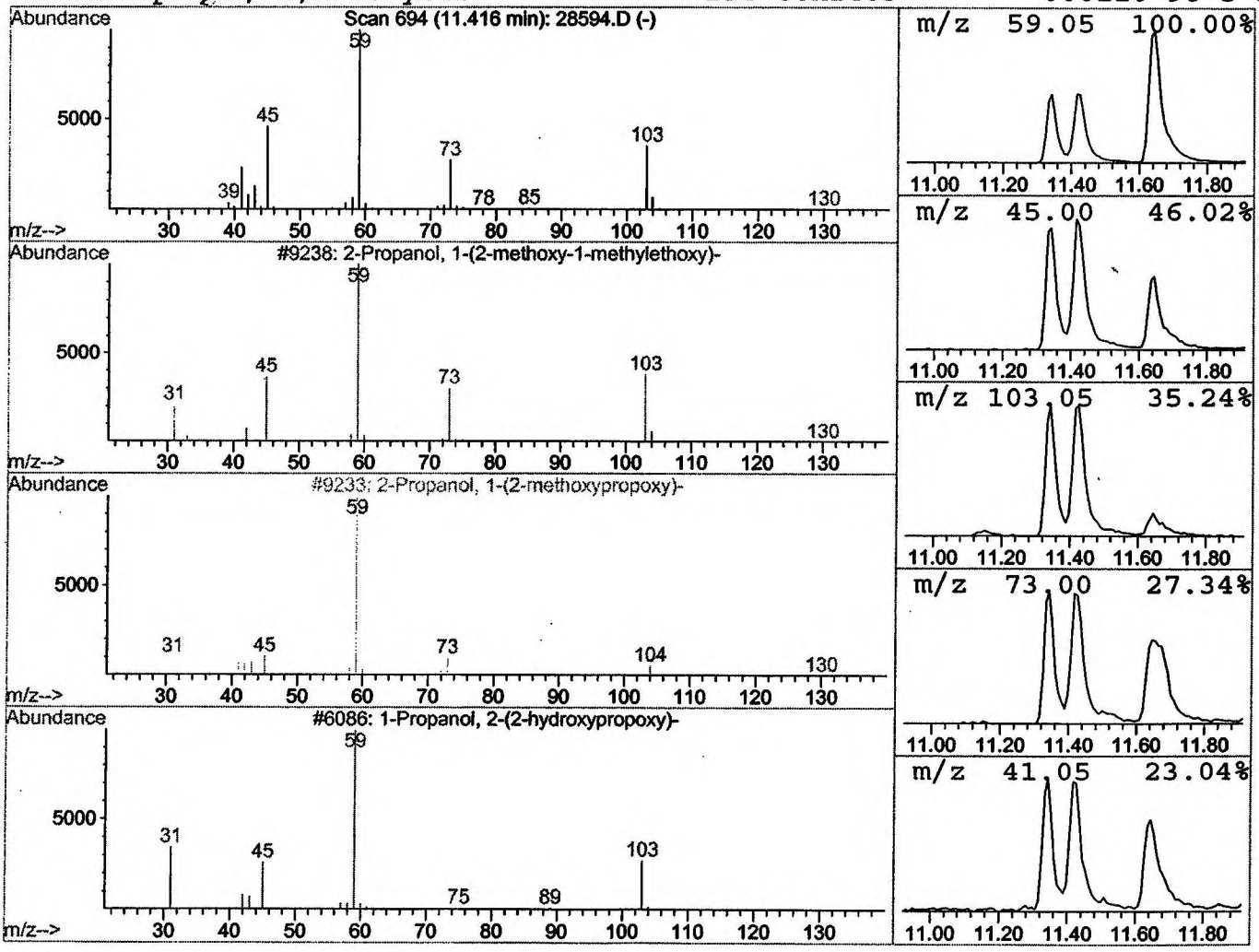
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.13 ug/l	415376	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 6 Dec 2001 1:05 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\28594.D
Name: re extract
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	7.61	2.8	ug/l	1036840	ISTD01	11.67	7332540	20.0
2-Propanol, 1-(2-met	11.34	0.9	ug/l	337849	ISTD01	11.67	7332540	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	415376	ISTD01	11.67	7332540	20.0

28594.D GCMS1126.M Fri Dec 14 16:24:34 2001