User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:39:20

Sample: AD29734
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:38 Ended: 1/28/02 11:38 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AD29734 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:23:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice.. The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29734.D
Acq On : 3 Jan 2002 11:15 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 4 0:04 2002

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	1405374	20.00	ug/l	-0.17
10) Naphthalene-d8	15.12	136	5534469	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.39	164	2676849	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.82	188	3572520	20.00	ug/l	-0.17
38) Chrysene-d12	32.84	240	2392877	20.00	ug/l	-0.19
44) Perylene-d12	36.91	264	1368289	20.00	ug/l	-0.21
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	145085	3.69	ug/mL	-0.18
Spiked Amount 5.000			Recovery =	73.80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.18	74	185	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	13.29	77	108	N.D.		
12) Isophorone	13.89	82	597	N.D.		
13) bis(2-Chloroethoxy)methane	14.16	93	1541	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.18	128	3468	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.19	162	942	N.D.		
20) Dimethylphthalate	19.79	163	613	N.D.		
21) 2,6-Dinitrotoluene	20.13	165	3368	N.D.		
22) Acenaphthylene	20.05	152	1200	N.D.		
23) Acenaphthene	20.38	153	249	N.D.		
24) 2,4-Dinitrotoluene	21.17	165	406	N.D.		
25) Diethylphthalate	21.91	149	2967	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.01	166	182	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\JAN0302\29734.D Vial: 14
Acq On : 3 Jan 2002 11:15 pm Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 0:04 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 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	24.87	178	779	N.D.	
34)	Anthracene	24.87	178	779	N.D.	
35)	Di-n-butylphthalate	26.83	149	36967	N.D.	
36)	Fluoranthene	28.50	202	408	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.33	149	373	N.D.	
41)	Benzo(a)anthracene	32.84	228	6340	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	9582	N.D.	
43)	Chrysene	32.91	228	604	N.D.	
45)	Di-n-Octylphthalate	34.87	149	1183	N.D.	
46)	Benzo(b)fluoranthene	35.88	252	1701	N.D.	
47)	Benzo(k)fluoranthene	35.88	252	3779	N.D.	
48)	Benzo(a)pyrene	36.74	252	1357	N.D.	
49)	Indeno(1,2,3-cd)pyrene	40.51	276	281	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	41.58	276	423	N.D.	

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

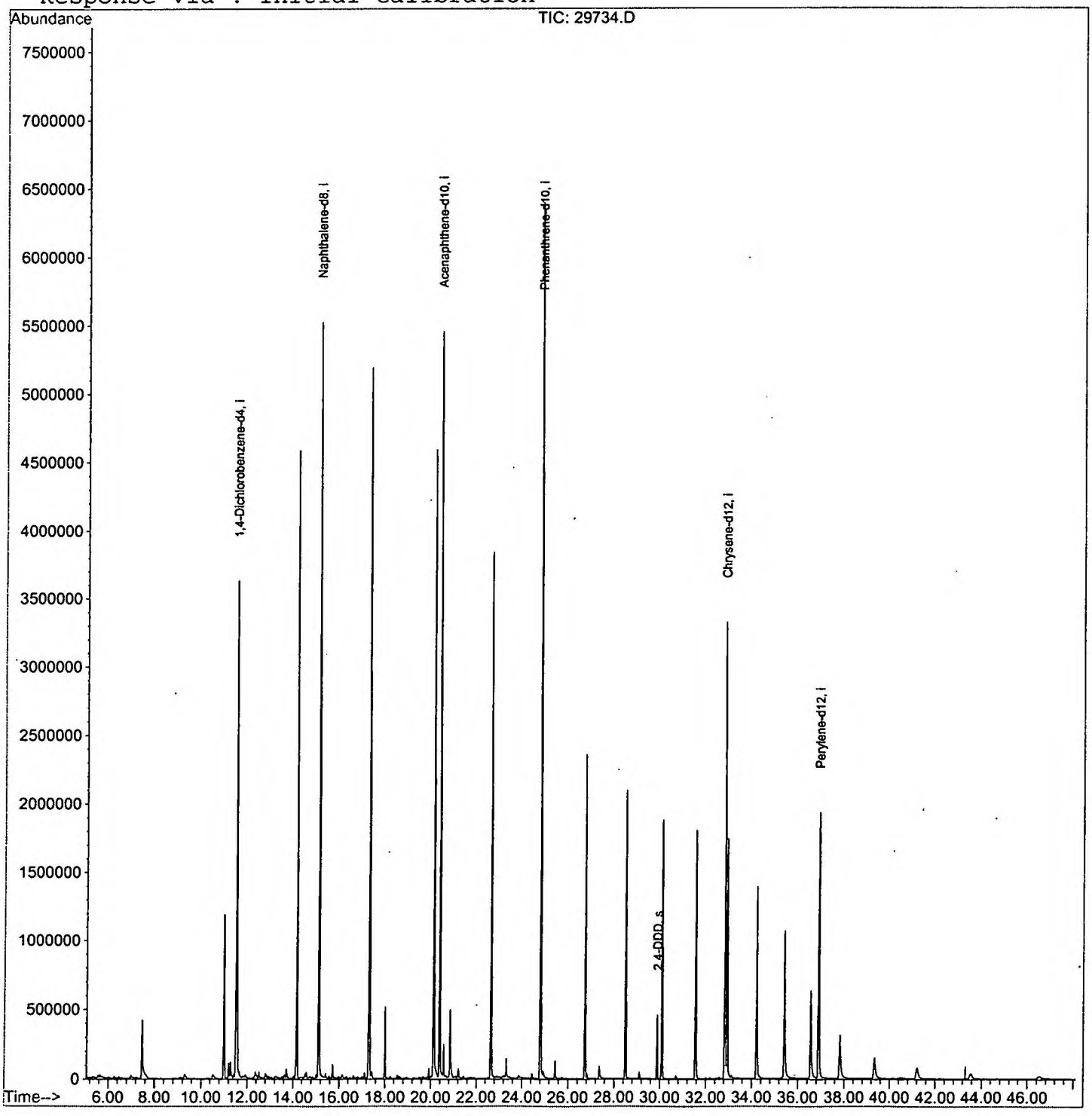
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29734.D
Acq On : 3 Jan 2002 11:15 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 4 0:04 2002

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:05 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1246270	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4730869	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2310727	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3331866	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	2074491	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1357559	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	125235	2.60	ug/mL	-0.02
Spiked Amount 5.000			Recovery =	52.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	577	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	178	N.D.		
12) Isophorone	14.07	82	100	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	2241	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	19.99	163	210	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	21.16	165	495	N.D.		
25) Diethylphthalate	22.07	149	1776	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	23.07	77	276	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:05 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

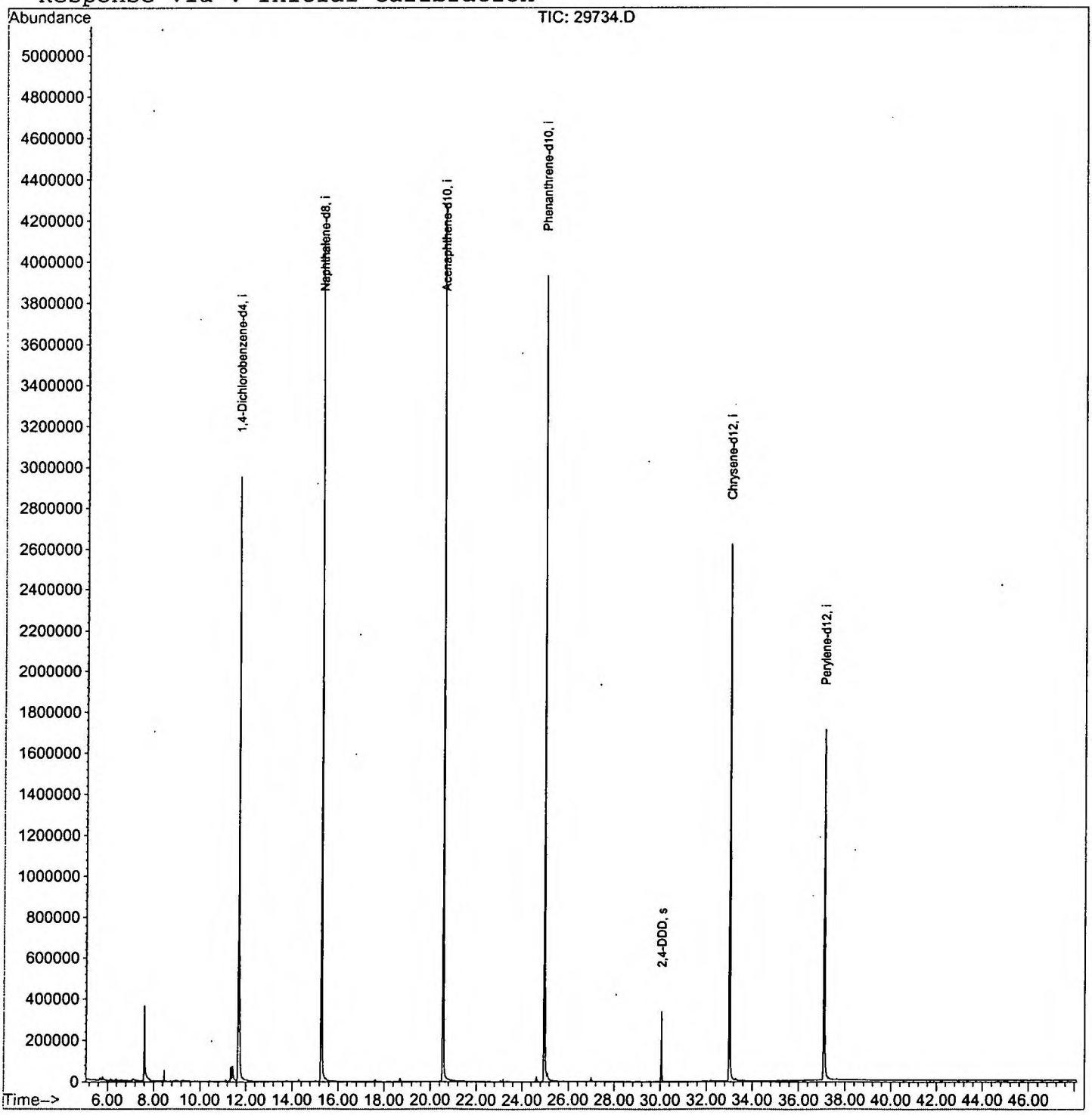
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	1270	N.D.	
34)	Anthracene	24.98	178	1270	N.D.	
35)	Di-n-butylphthalate	26.99	149	28398	N.D.	
36)	Fluoranthene	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	5394	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	7209	N.D.	
43)	Chrysene	33.01	228	5394	N.D.	
45)	Di-n-Octylphthalate	35.03	149	188	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	5336	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\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 15:05 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 : M:\INSTRU~1\209\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 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

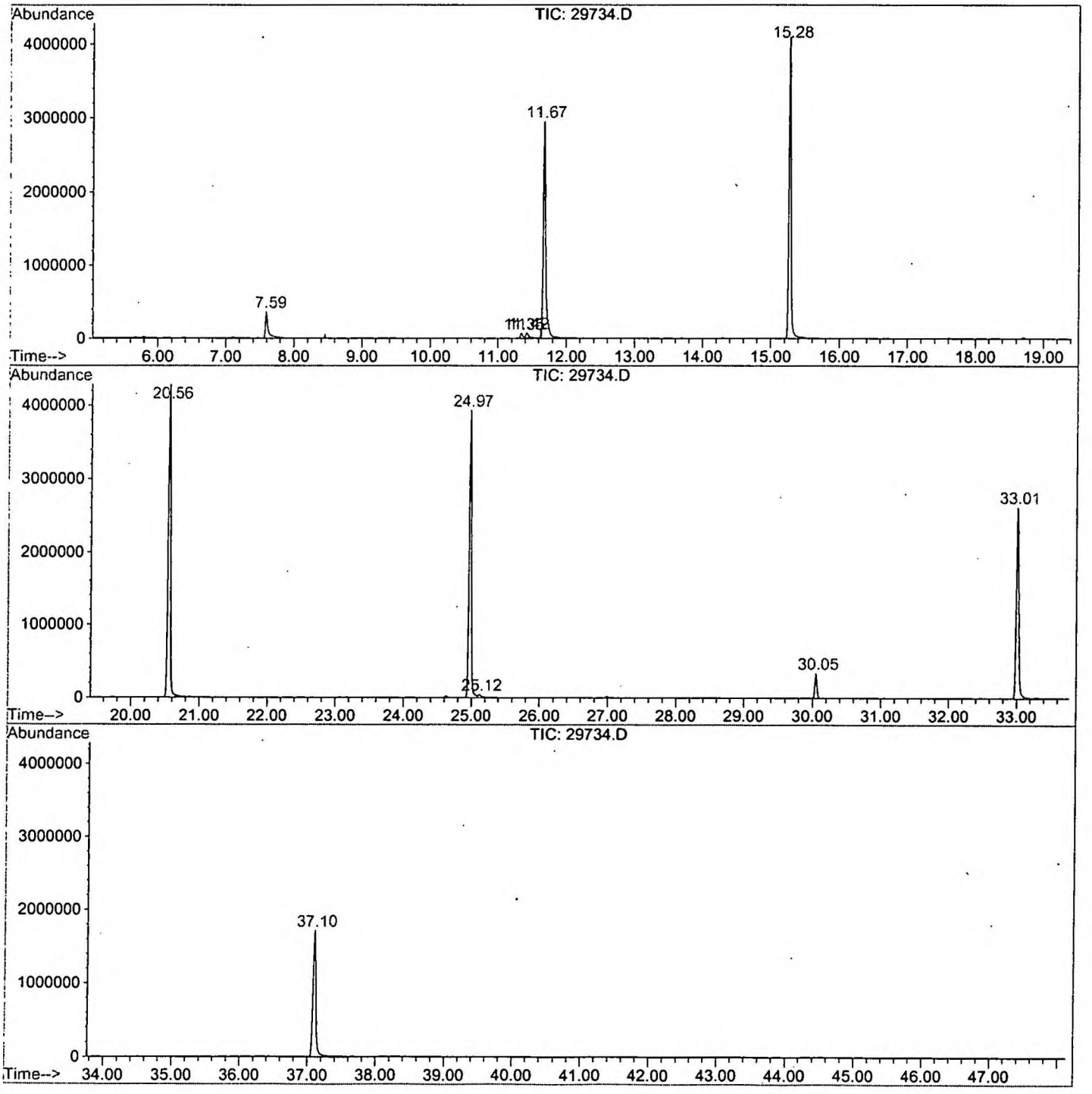
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	294	rBV	362354	935307	9.81%	1.949%
2	11.349	683	687	692	rBV	67280	164982	1.73%	0.344%
3	11.422	692	695	703	rVB	66216	173486	1.82%	0.361%
4	11.670	716	722	740	rBV	2947521	7084411	74.32%	14.760%
5	15.278	1109	1115	1133	rBV	4091182	8975278	94.15%	18.699%
6	20.557	1683	1690	1712	rBV	4282365	9532537	100.00%	19.860%
7	24.972	2165	2171	2184	rBV2	3930901	8862721	92.97%	18.464%
8	25.119	2184	2187	2200	rVB	36475	113862	1.19%	0.237%
9	30.049	2719	2724	2732	rBV	336261	684409	7.18%	1.426%
10	33.005	3036	3046	3072	rBV2	2621614	6527700	68.48%	13.600%
11	37.100	3484	3492	3513	rBV2	1705641	4944252	51.87%	10.301%

Sum of corrected areas: 47998945

29734.D GCMS1126.M Tue Jan 08 11:04:02 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC1301\29734.D
Operator : 209 GALOS
Acquired : 14 Dec 2001 3:26 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 20
Quant File :GCMS1126.RES (RTE Integrator)



29734.D GCMS1126.M Tue Jan 08 11:04:08 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

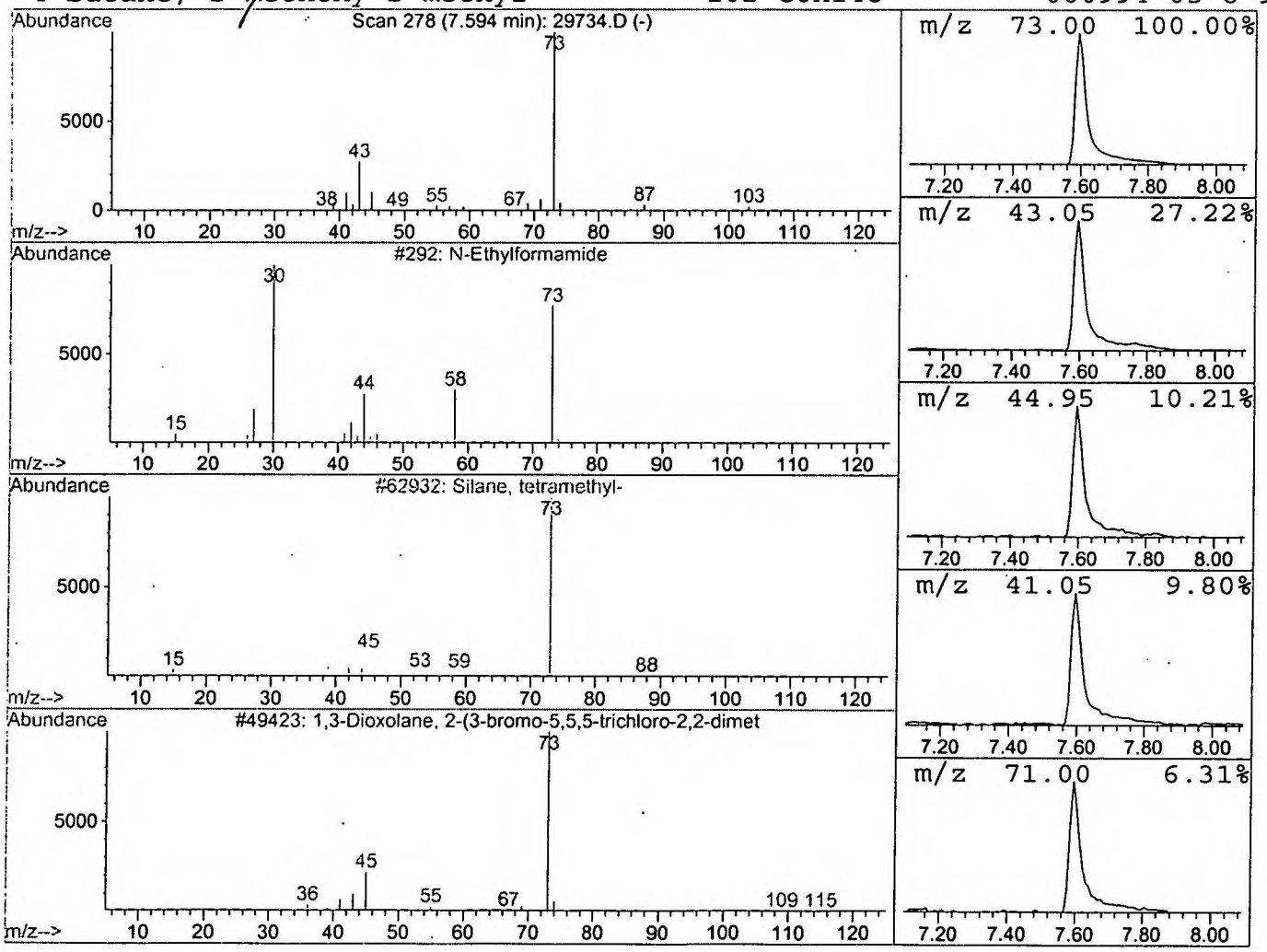
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.64 ug/l	935307	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

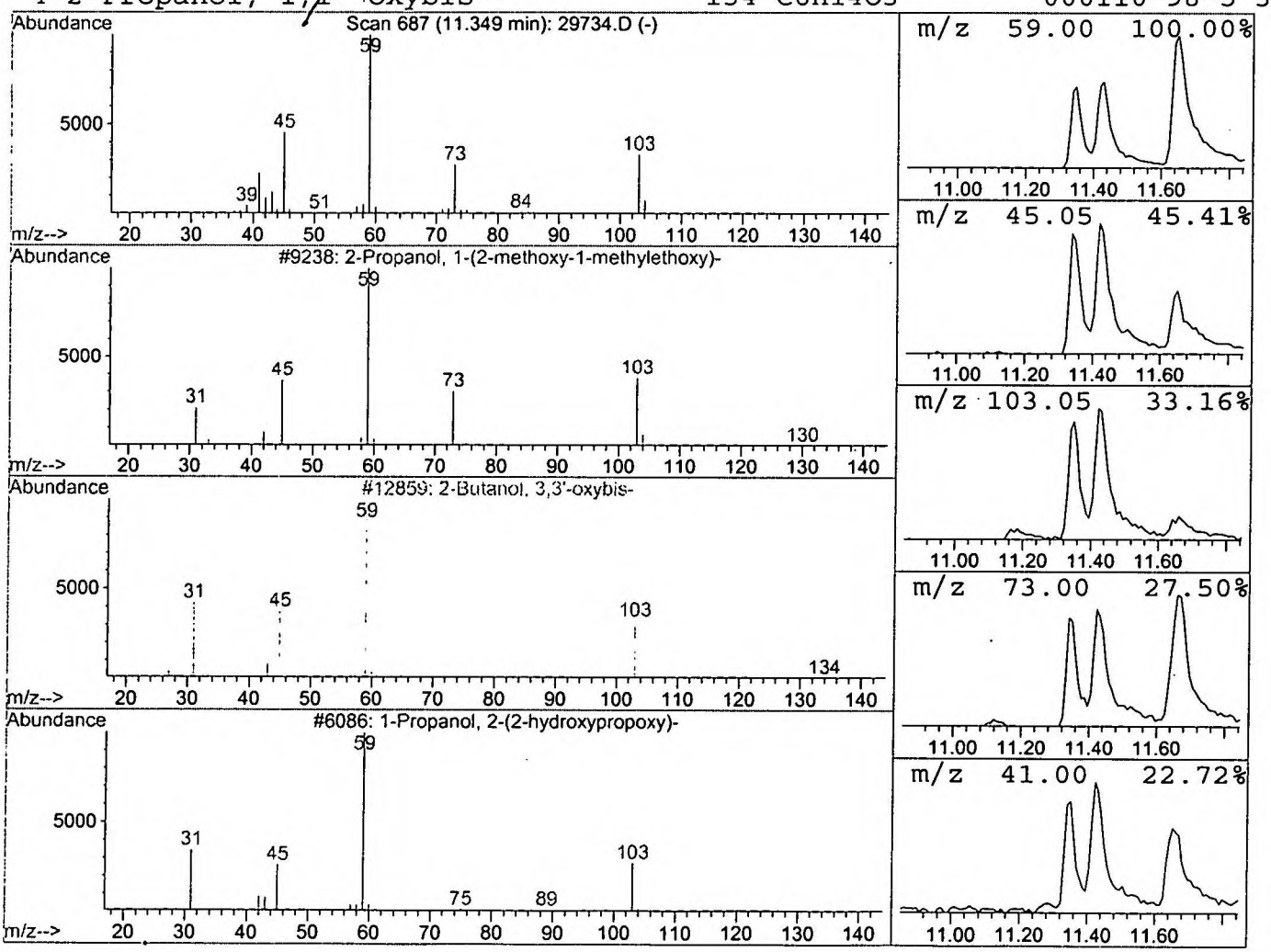
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.47 ug/l	164982	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC1301\29734.D Vial: 20
Acq On : 14 Dec 2001 3:26 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

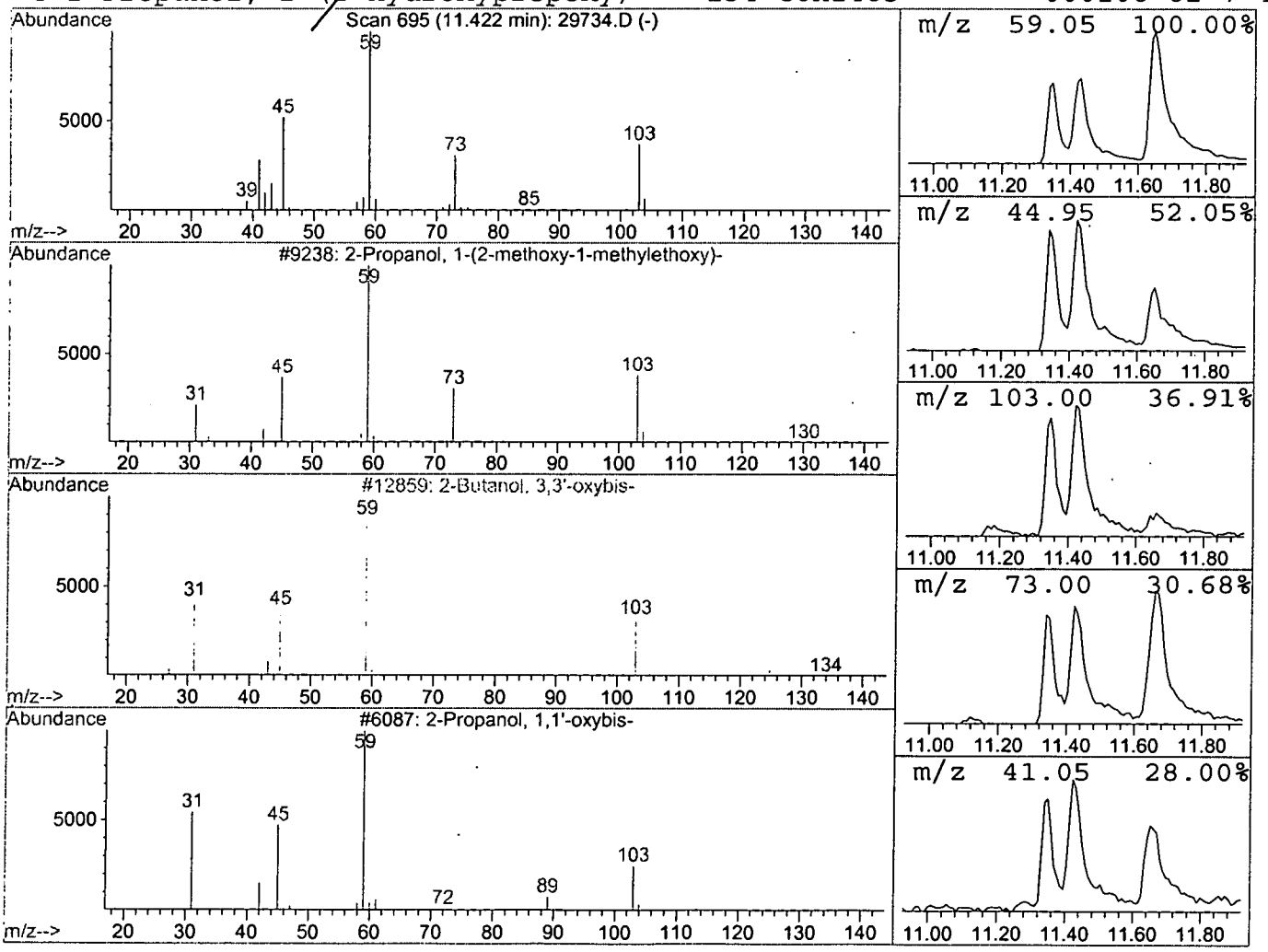
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.49 ug/l	173486	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	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 14 Dec 2001 3:26 am
Data File: M:\INSTRU~1\209\DATA\DEC1301\29734.D
Name: gcms scan 12/7
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	7.59	2.6	ug/l	935307	ISTD01	11.67	7084410	20.0
2-Propanol, 1-(2-met	11.35	0.5	ug/l	164982	ISTD01	11.67	7084410	20.0
2-Propanol, 1-(2-met	11.42	0.5	ug/l	173486	ISTD01	11.67	7084410	20.0

29734.D GCMS1126.M Tue Jan 08 11:04:28 2002