User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:40:52

Sample: AD29665
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 14:40 Ended: 1/7/02 14:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AD29665 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-07-2002 Time: 14:41:22

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\DEC1401\29665.D Vial: 10
Acq On : 15 Dec 2001 11:19 am Operator: 209 . GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 12:07 2001 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 14 12:19:30 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	817147	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3121418	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1572882	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2251201	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1430857	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	906288	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	147612	4.53	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 90.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	170	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	15.34	128	1512	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	20.88	165	899	N.D.		
25) Diethylphthalate	22.10	149	1853	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\DEC1401\29665.D Vial: 10
Acq On : 15 Dec 2001 11:19 am Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 12:07 2001 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 14 12:19:30 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	25.04	178	717	N.D.	
34)	Anthracene	25.18	178	327	N.D.	
35)	Di-n-butylphthalate	26.99	149	28081	N.D.	
36)	Fluoranthene	28.71	202	303	N.D.	
39)	Pyrene	29.34	202	458	N.D.	
40)	Butylbenzylphthalate	31.50	149	517	N.D.	
41)	Benzo(a)anthracene	33.01	228	3380	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	9827	N.D.	
43)	Chrysene	33.08	228	494	N.D.	
45)	Di-n-Octylphthalate	35.02	149	414	N.D.	
46)	Benzo(b)fluoranthene	36.10	252	979	N.D.	
47)	Benzo(k)fluoranthene	36.10	252	466	N.D.	
48)	Benzo(a)pyrene	37.10	252	3399	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.	

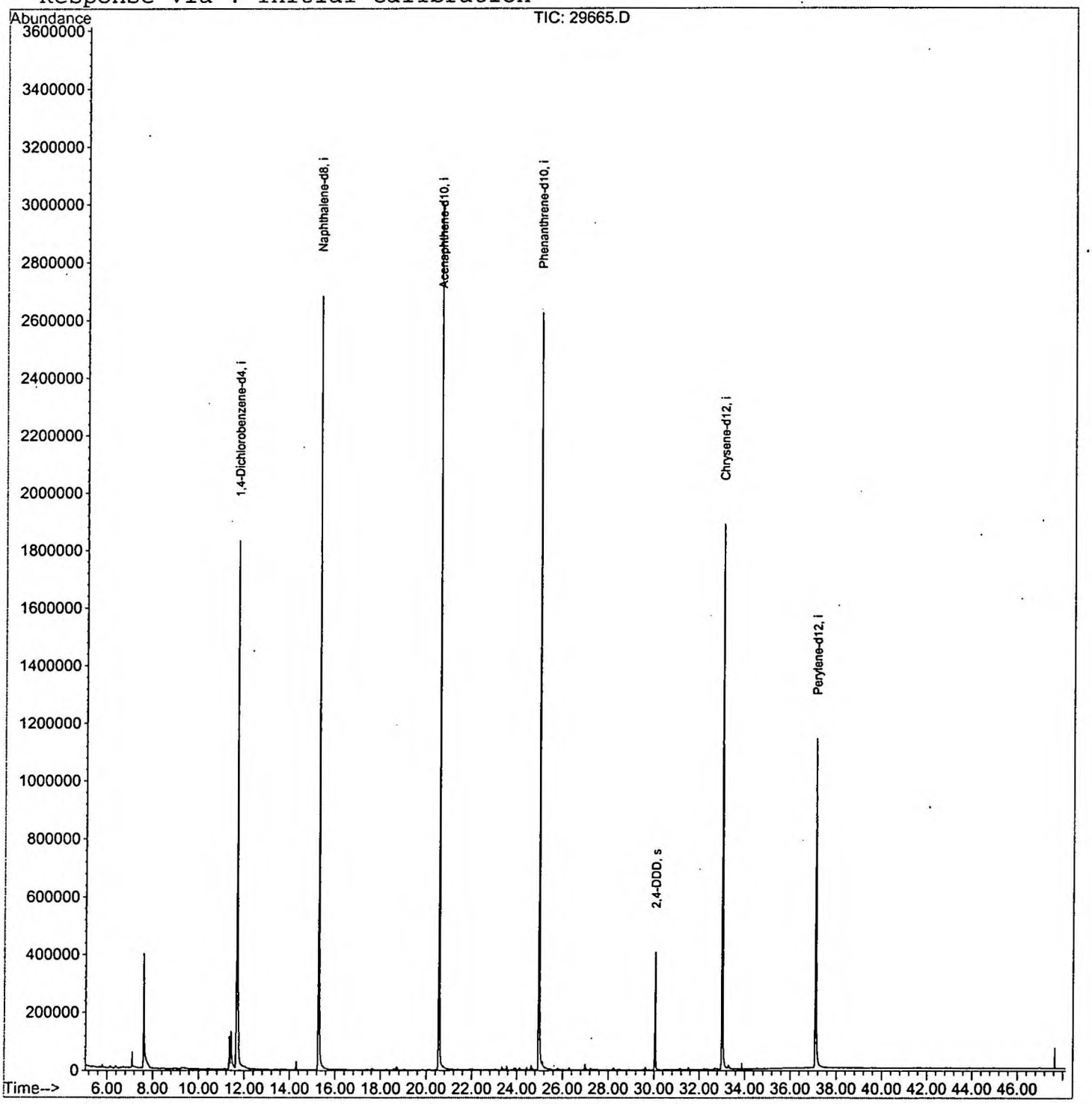
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29665.D
Acq On : 15 Dec 2001 11:19 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 12:07 2001

Vial: 10
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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29665.D Vial: 10
Acq On : 15 Dec 2001 11:19 am Operator: 209 GALOS
Sample : gcms scan 12/10 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

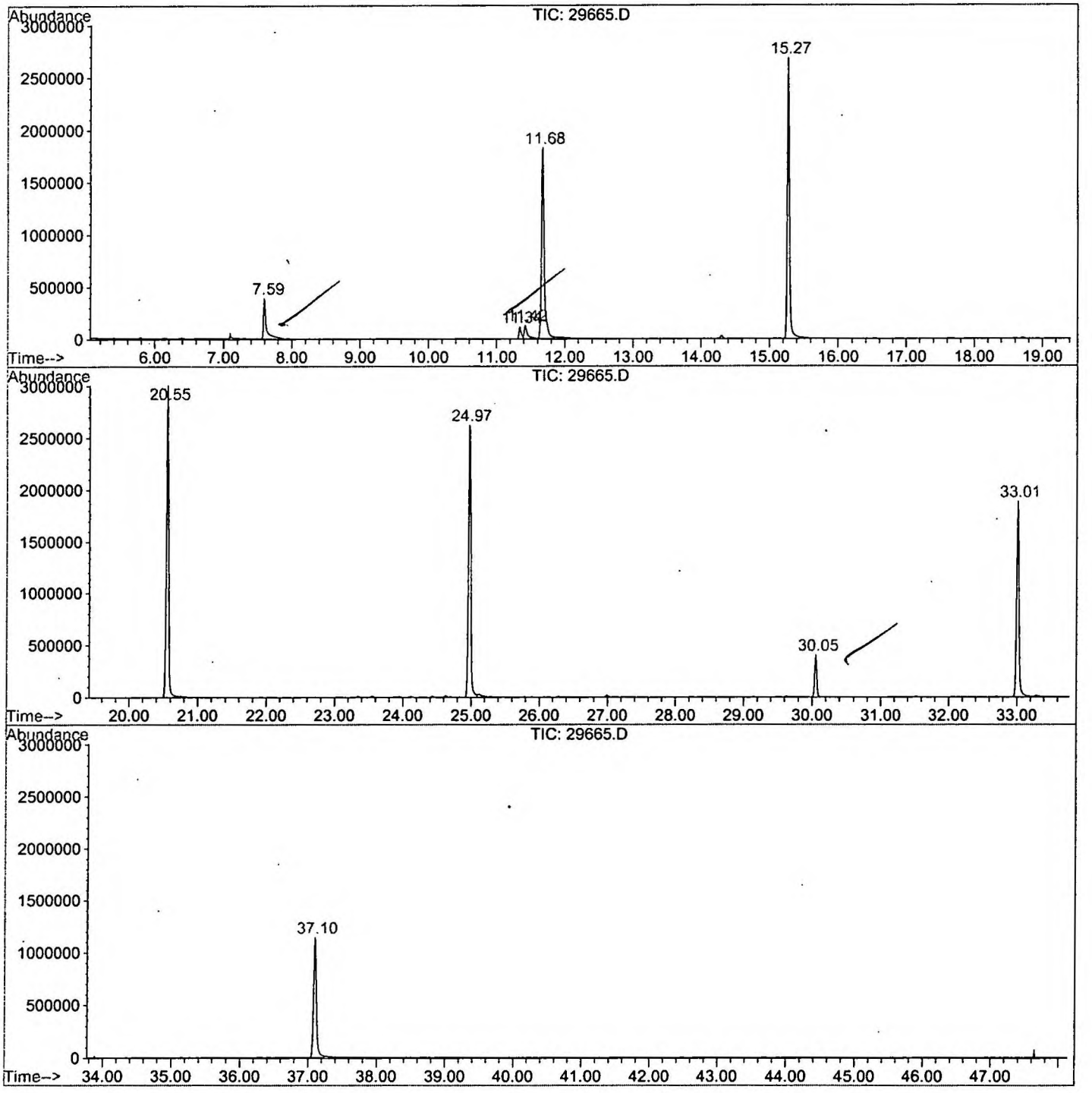
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.590	273	277	310	rBV	394641	1166502	17.90%	3.421%
2	11.336	681	685	691	rBV	113112	270625	4.15%	0.794%
3	11.419	691	694	714	rVB	128818	378797	5.81%	1.111%
4	11.676	714	722	741	rBV2	1825860	5013717	76.93%	14.703%
5	15.274	1108	1114	1133	rBV	2682799	5987121	91.87%	17.557%
6	20.553	1683	1689	1706	rBV	3007778	6517005	100.00%	19.111%
7	24.969	2164	2170	2183	rBV2	2624078	6119455	93.90%	17.946%
8	30.055	2718	2724	2731	rBV	405420	840004	12.89%	2.463%
9	33.011	3039	3046	3064	rBV	1885050	4514766	69.28%	13.240%
10	37.096	3483	3491	3507	rBV2	1137397	3292088	50.52%	9.654%

Sum of corrected areas: 34100080

29665.D GCMS1126.M Fri Dec 28 13:08:52 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29665.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 11:19 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



29665.D GCMS1126.M Fri Dec 28 13:08:58 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29665.D
Acq On : 15 Dec 2001 11:19 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

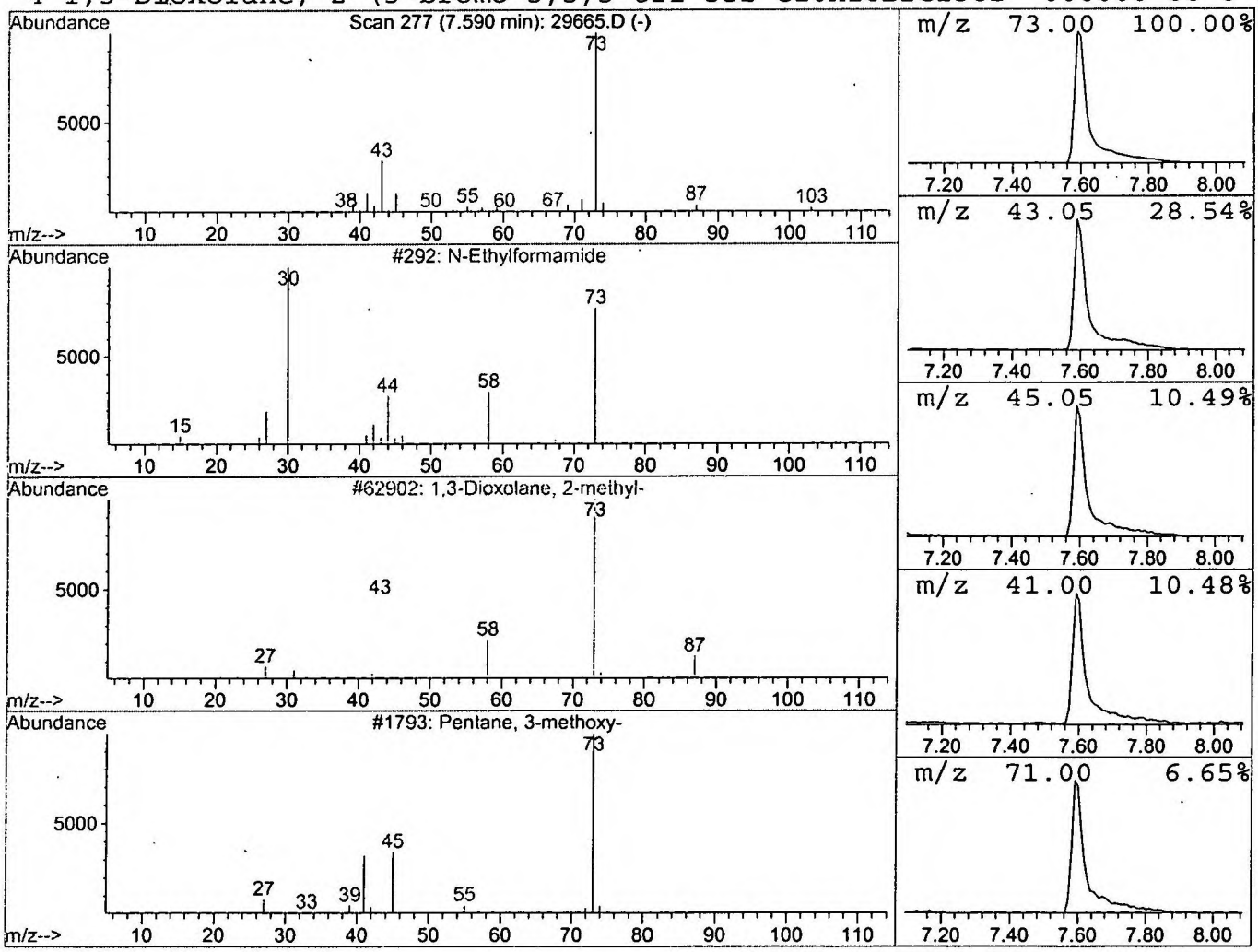
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.65 ug/l	1166500	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29665.D
Acq On : 15 Dec 2001 11:19 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

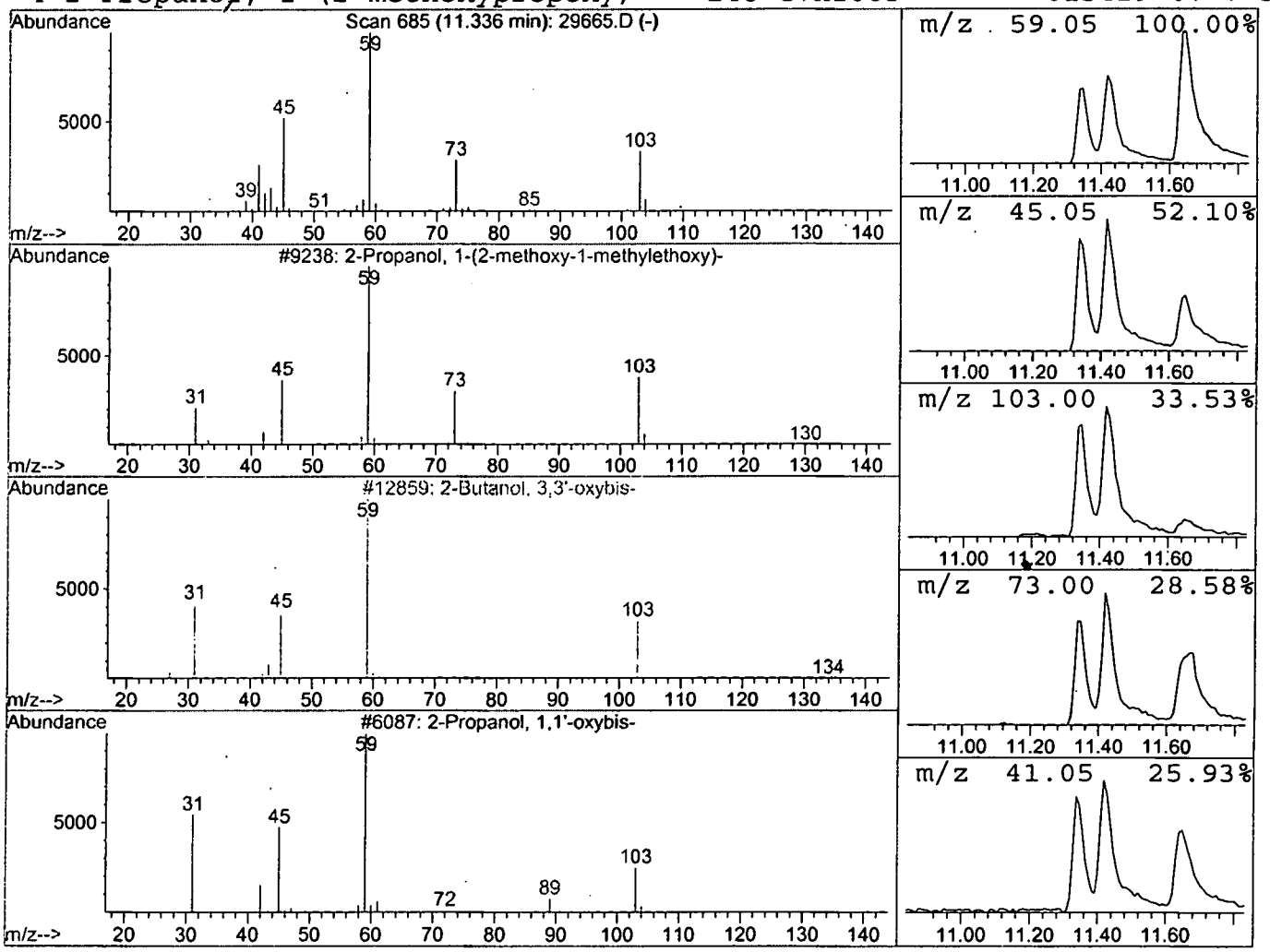
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.08 ug/l	270625	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	78
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29665.D
Acq On : 15 Dec 2001 11:19 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

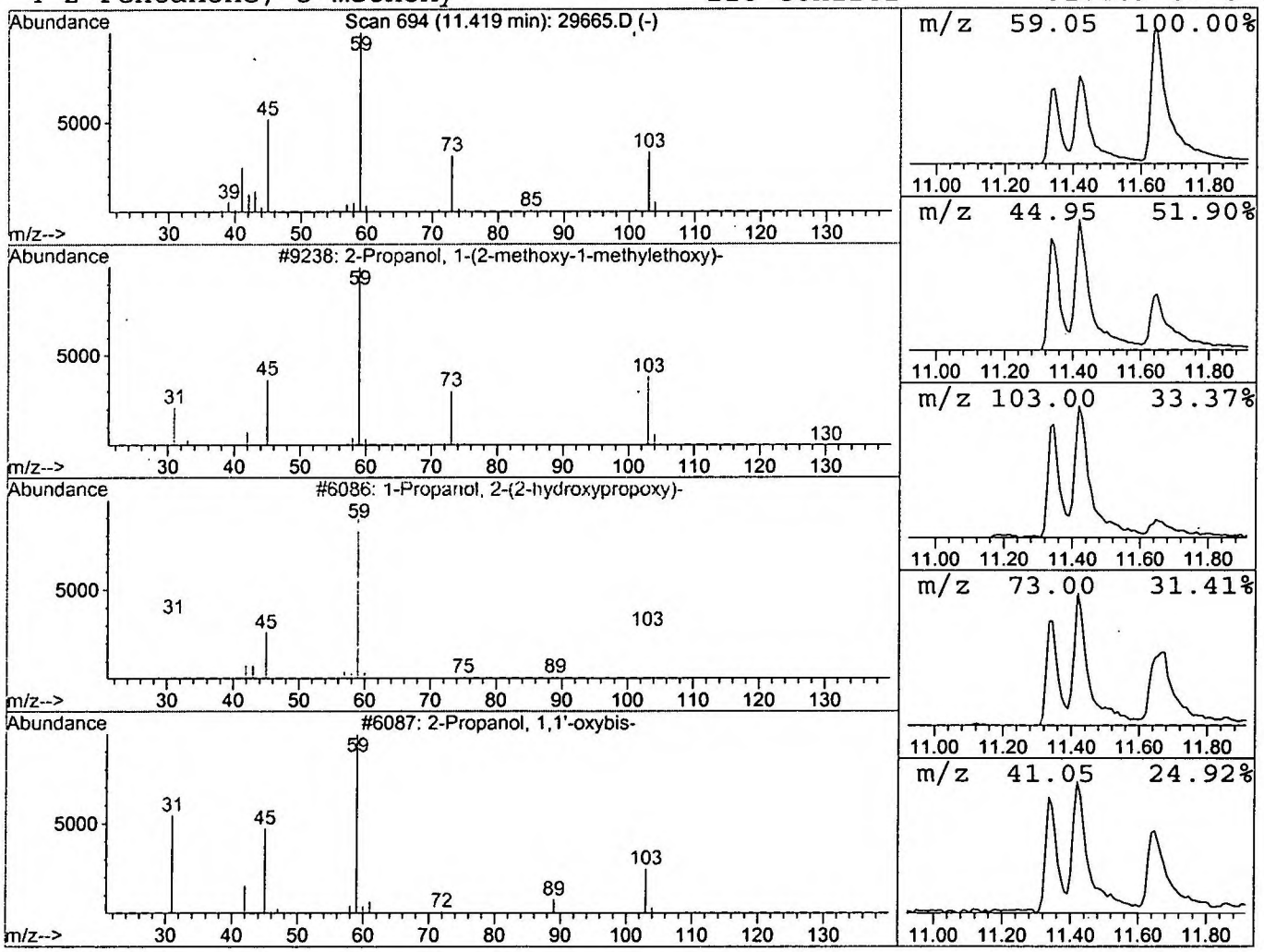
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.51 ug/l	378797	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	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 11:19 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29665.D
Name: gcms scan 12/10
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	4.7	ug/l	1166500	ISTD01	11.68	5013720	20.0
2-Propanol, 1-(2-met	11.34	1.1	ug/l	270625	ISTD01	11.68	5013720	20.0
2-Propanol, 1-(2-met	11.42	1.5	ug/l	378797	ISTD01	11.68	5013720	20.0

29665.D GCMS1126.M Fri Dec 28 13:09:16 2001