Comments for Sample AD29785 - Analysis $GCMS

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

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 0.29 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:01:10

Sample: AD29785
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 13:59 Ended: 1/7/02 13:59 Analyst: DLV
Page: 1

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29785.D Vial: 5
Acq On : 15 Dec 2001 6:26 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 7:15 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	809149	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3106222	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1556787	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2218235	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1387897	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	885950	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	130698	4.07	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 81.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.23	74	365	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	15.33	128	1318	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	21.12	165	264	N.D.		
25) Diethylphthalate	22.09	149	1102	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

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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	459	N.D.	
34)	Anthracene	25.04	178	459	N.D.	
35)	Di-n-butylphthalate	27.00	149	18223	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	4838	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	24390	0.29 ug/l	100
43)	Chrysene	33.09	228	2033	N.D.	
45)	Di-n-Octylphthalate	35.02	149	767	N.D.	
46)	Benzo(b)fluoranthene	36.12	252	2735	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	2735	N.D.	
48)	Benzo(a)pyrene	36.95	252	529	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.	

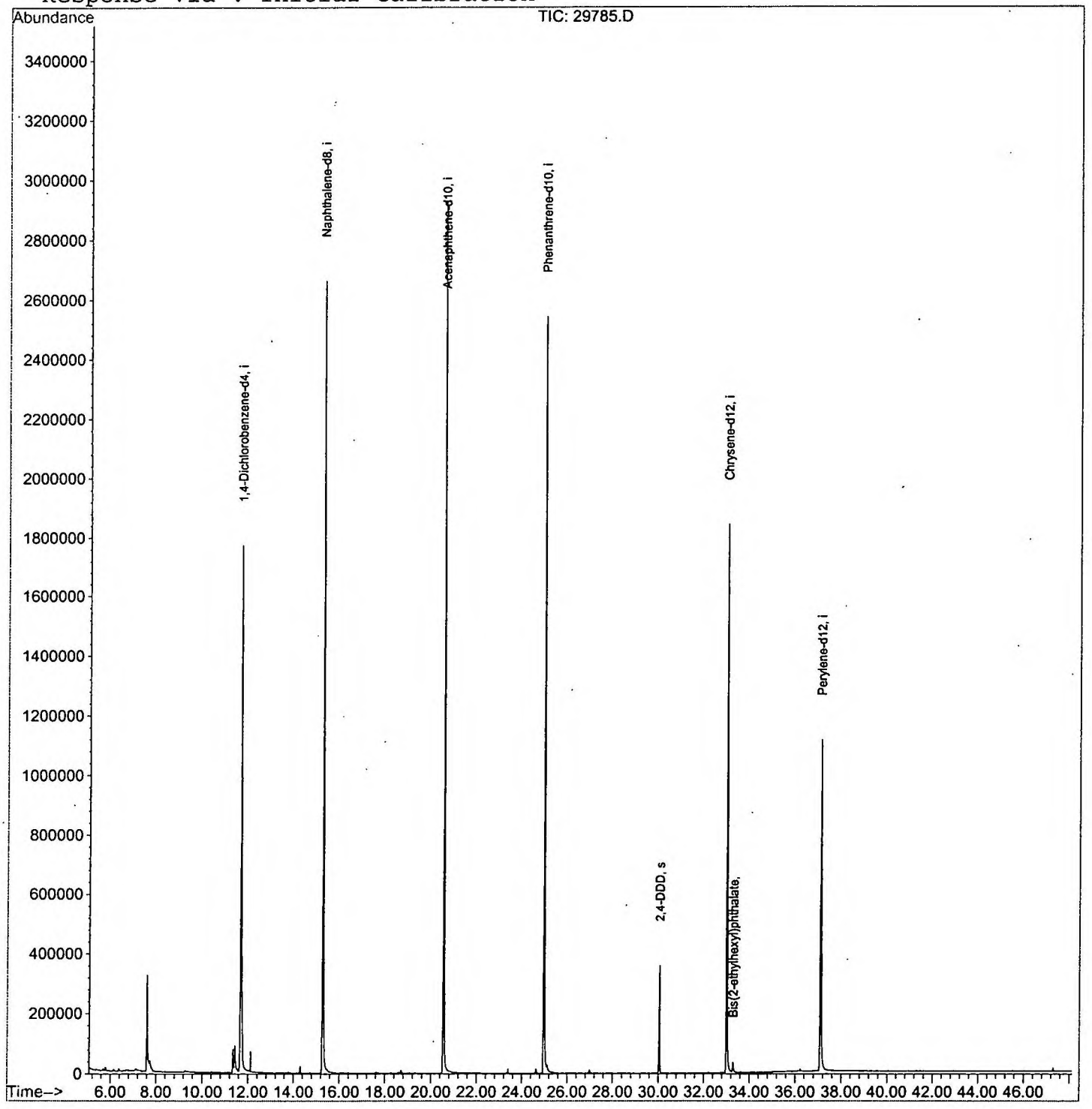
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29785.D
Acq On : 15 Dec 2001 6:26 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 7:15 2001

Vial: 5
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\29785.D Vial: 5
Acq On : 15 Dec 2001 6:26 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

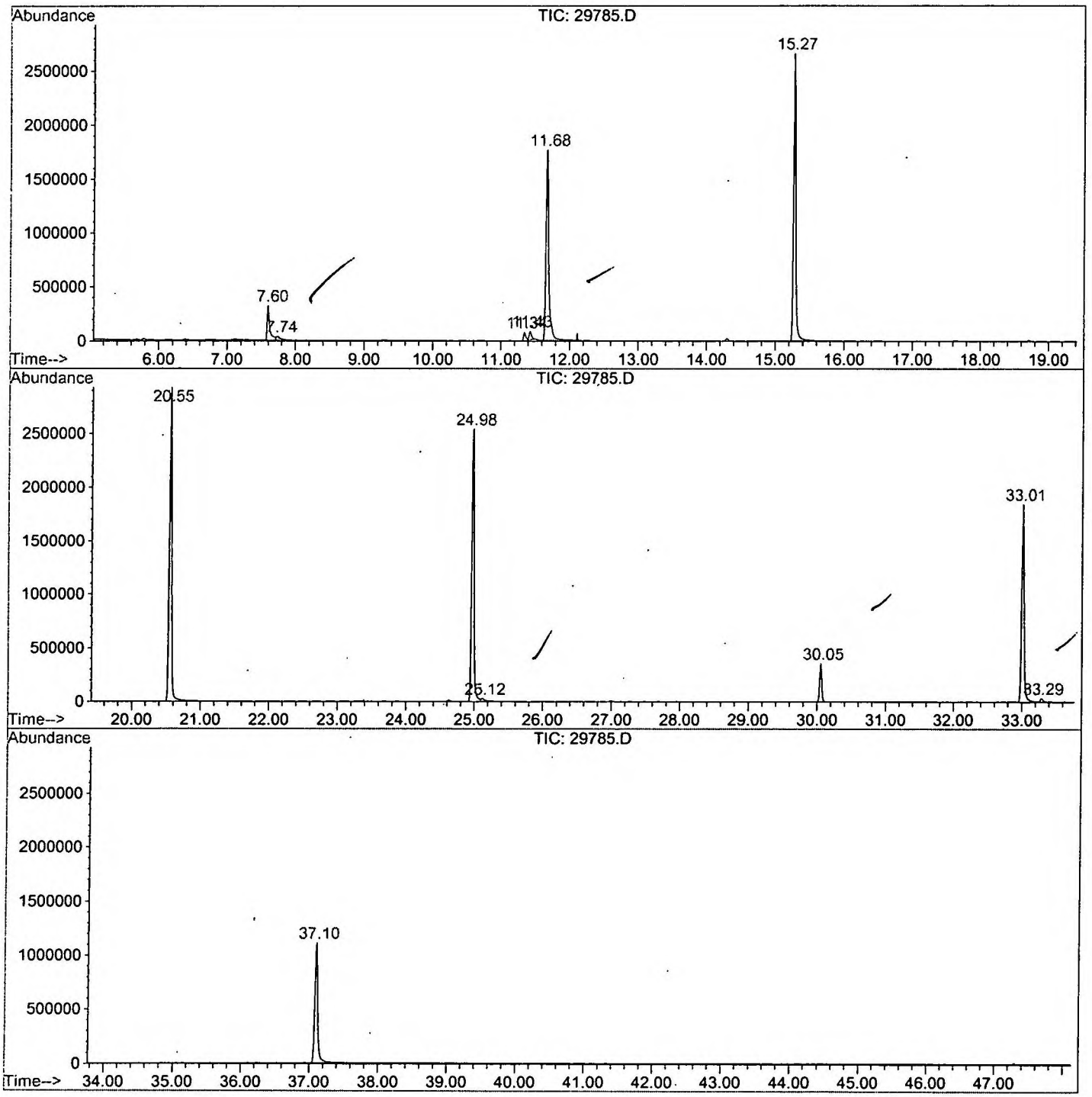
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	290	rBV	319172	817391	12.67%	2.472%
2	7.737	291	293	309	rVB	36216	133037	2.06%	0.402%
3	11.345	682	686	691	rBV	77948	179356	2.78%	0.542%
4	11.427	691	695	703	rVB	78278	193285	2.99%	0.585%
5	11.675	715	722	746	rBV	1767228	4863530	75.36%	14.708%
6	15.274	1109	1114	1132	rBV	2660575	5940254	92.04%	17.964%
7	20.552	1683	1689	1711	rBV	2927596	6453798	100.00%	19.517%
8	24.977	2164	2171	2184	rBV2	2542675	5995108	92.89%	18.130%
9	25.124	2184	2187	2200	rVB	24026	86585	1.34%	0.262%
10	30.054	2719	2724	2731	rBV	358057	727747	11.28%	2.201%
11	33.010	3039	3046	3064	rBV2	1843010	4359860	67.55%	13.185%
12	33.286	3072	3076	3087	rVB	33024	91161	1.41%	0.276%
13	37.105	3484	3492	3510	rBV	1109268	3225752	49.98%	9.755%

Sum of corrected areas: 33066864

29785.D GCMS1126.M Fri Dec 28 13:19:39 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29785.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 6:26 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 5
Quant File :GCMS1126.RES (RTE Integrator)



29785.D GCMS1126.M Fri Dec 28 13:19:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29785.D
Acq On : 15 Dec 2001 6:26 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

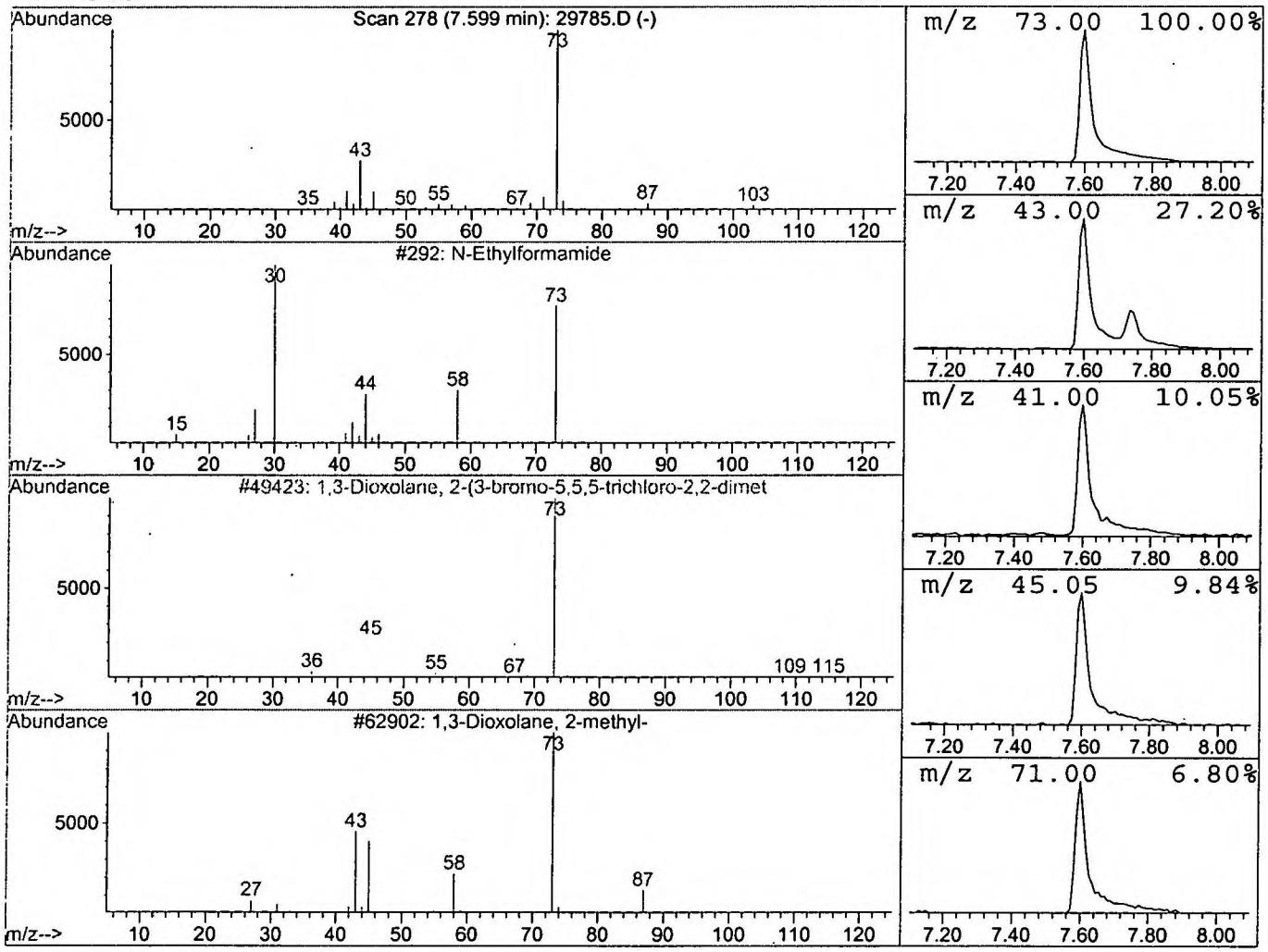
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.36 ug/l	817391	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	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\DEC1401\29785.D
Acq On : 15 Dec 2001 6:26 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

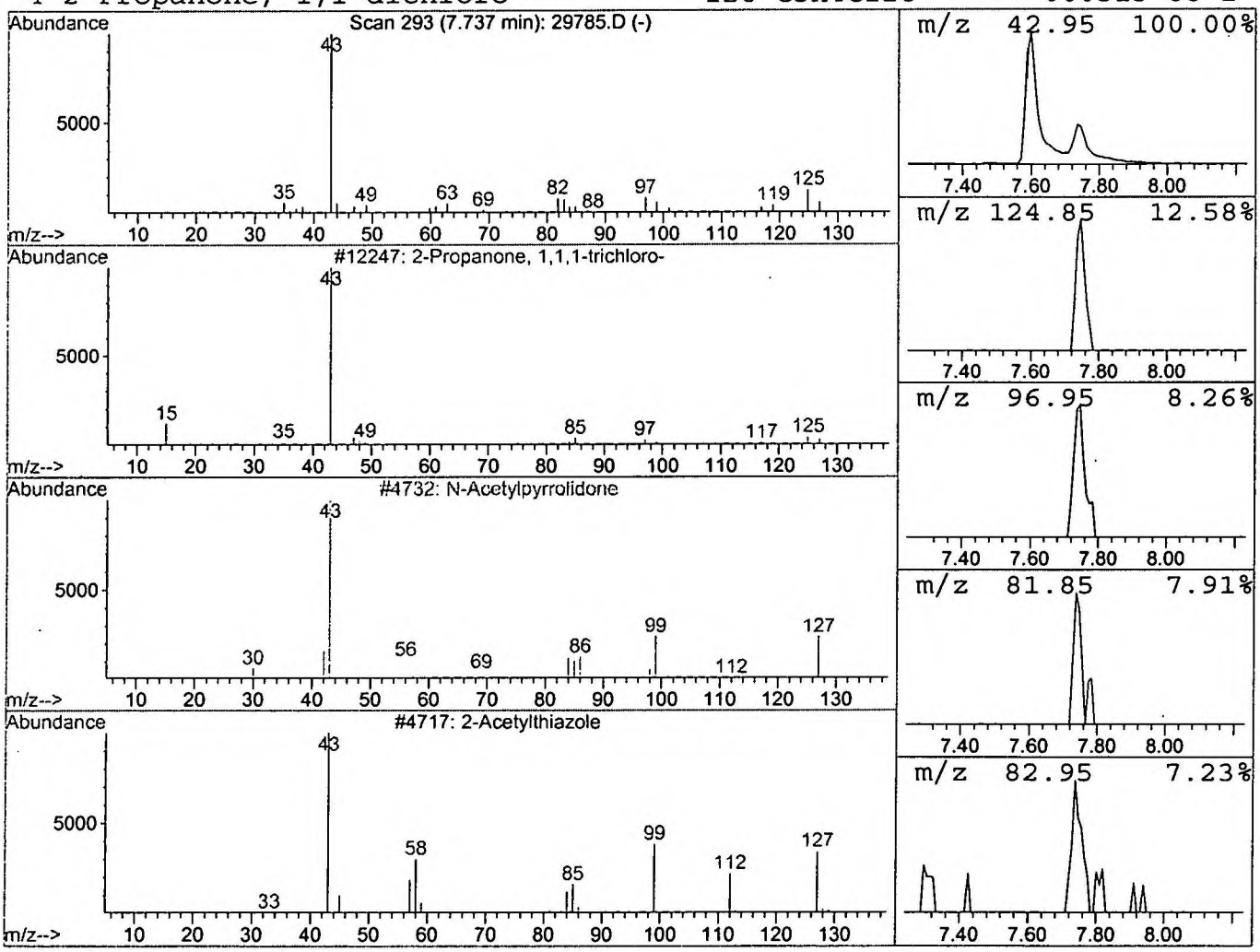
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.55 ug/l	133037	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	45
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	7
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29785.D
Acq On : 15 Dec 2001 6:26 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

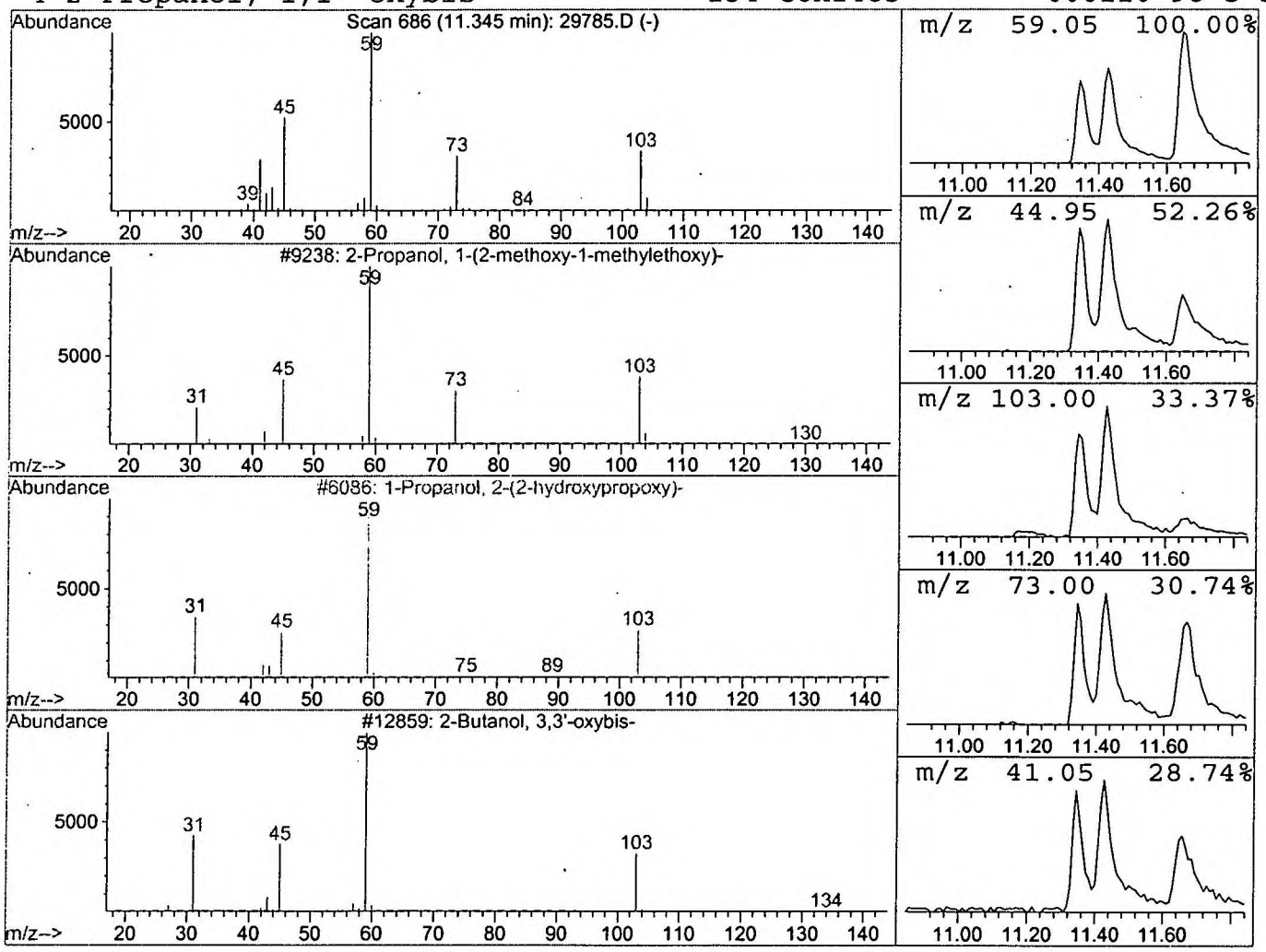
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.74 ug/l	179356	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	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29785.D
Acq On : 15 Dec 2001 6:26 am
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

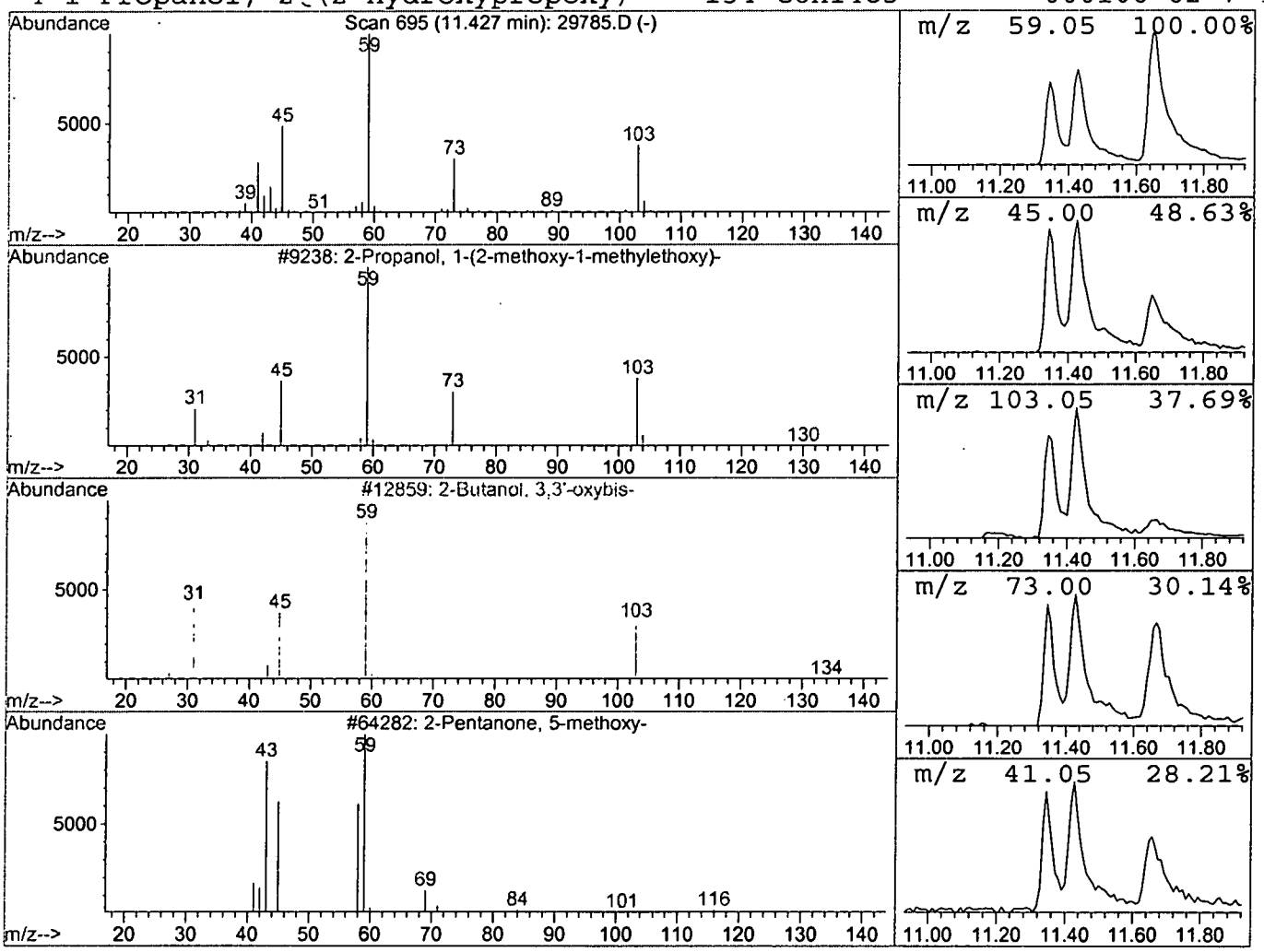
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.79 ug/l	193285	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	50
3	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	45
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 6:26 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29785.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	7.60	3.4	ug/l	817391	ISTD01	11.68	4863530	20.0
2-Propanone, 1,1,1-t	7.74	0.5	ug/l	133037	ISTD01	11.68	4863530	20.0
2-Propanol, 1-(2-met	11.34	0.7	ug/l	179356	ISTD01	11.68	4863530	20.0
2-Propanol, 1-(2-met	11.43	0.8	ug/l	193285	ISTD01	11.68	4863530	20.0

29785.D GCMS1126.M Fri Dec 28 13:20:08 2001