User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 14:56:03

Sample: AD29295
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 14:55 Ended: 12/28/01 14:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		113		5.0

Comments for Sample AD29295 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 14:56:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.36 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29295.D Vial: 7
Acq On : 12 Dec 2001 5:35 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:45 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	903866	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3469734	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1752154	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2418234	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1562116	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1091844	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	163253	5.67	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 113.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.17	74	265	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	13.56	82	690	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	1951	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	21.23	165	192	N.D.		
25) Diethylphthalate	22.08	149	643	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\DEC1001\29295.D Vial: 7
Acq On : 12 Dec 2001 5:35 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:45 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

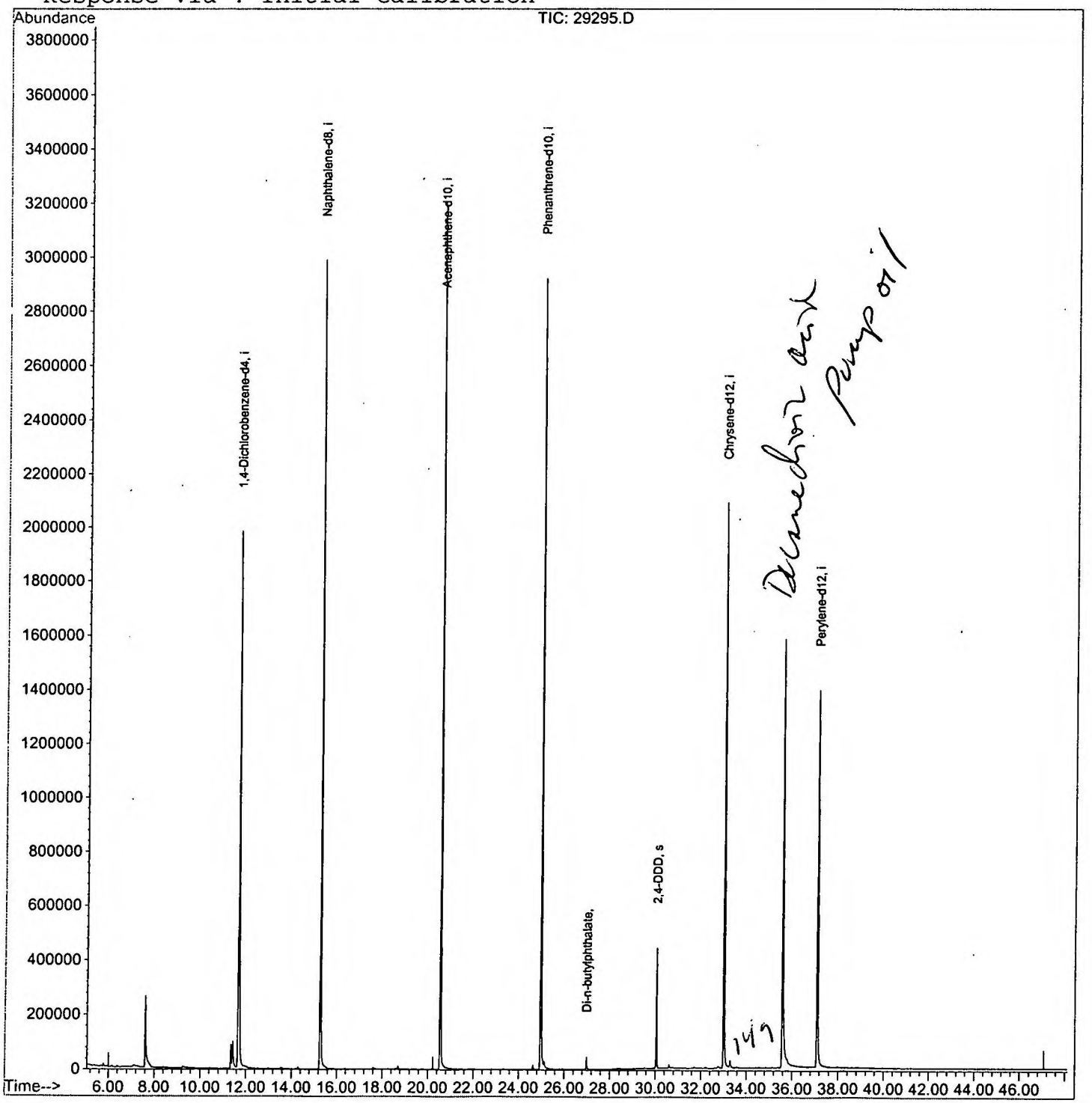
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	820	N.D.	
34)	Anthracene	25.04	178	820	N.D.	
35)	Di-n-butylphthalate	26.98	149	61779	0.36 ug/l #	97
36)	Fluoranthene	28.70	202	105	N.D.	
39)	Pyrene	29.34	202	492	N.D.	
40)	Butylbenzylphthalate	31.49	149	181	N.D.	
41)	Benzo(a)anthracene	33.00	228	4059	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	23101	N.D.	
43)	Chrysene	33.00	228	4059	N.D.	
45)	Di-n-Octylphthalate	35.02	149	202	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	4141	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\DEC1001\29295.D Vial: 7
Acq On : 12 Dec 2001 5:35 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:45 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\DEC1001\29295.D Vial: 7
Acq On : 12 Dec 2001 5:35 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 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

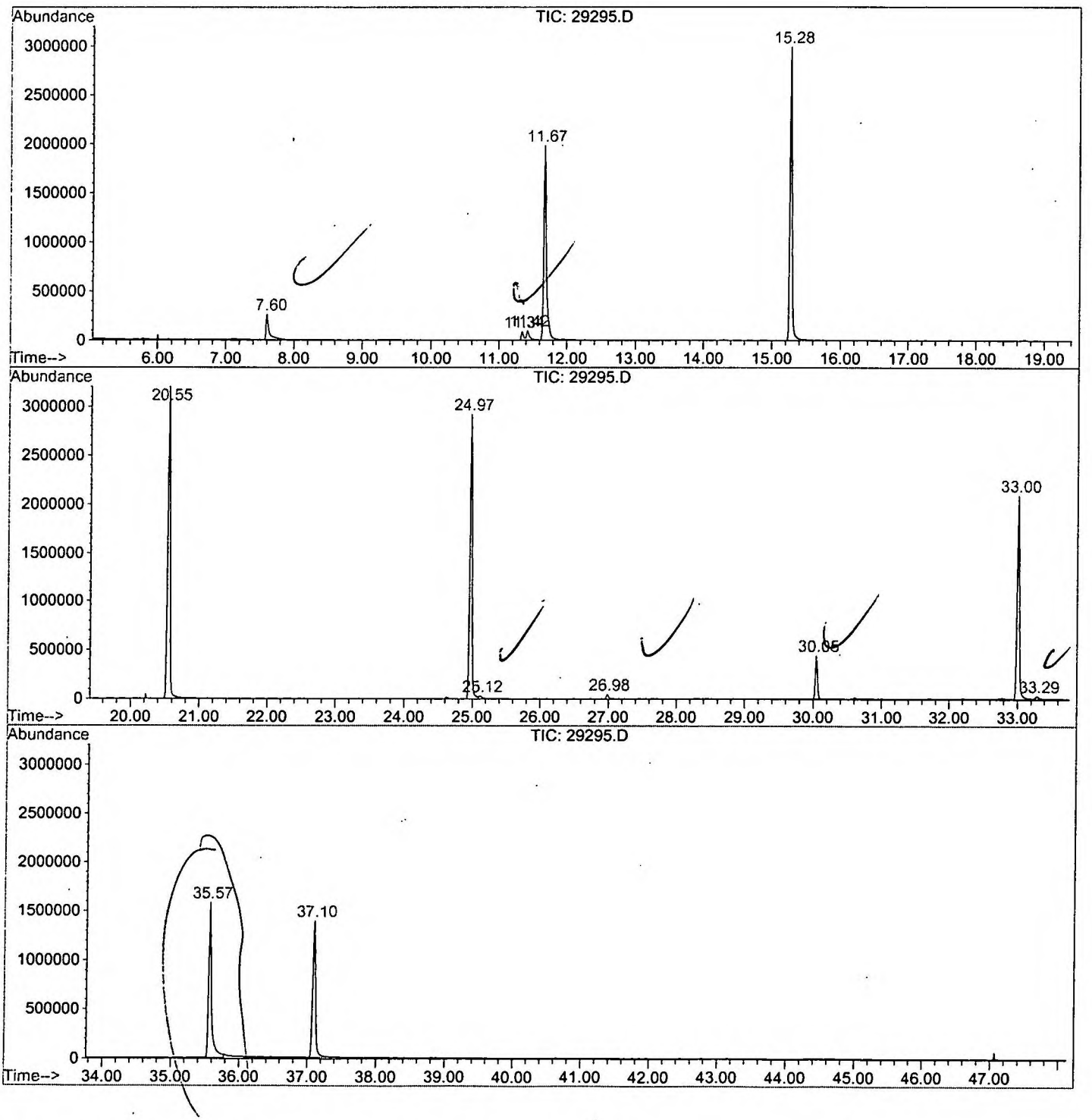
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	309	rBV	261194	807394	11.19%	1.947%
2	11.339	683	686	692	rBV	87279	214338	2.97%	0.517%
3	11.422	692	695	709	rVB	95835	271961	3.77%	0.656%
4	11.670	715	722	745	rBV	1979811	5325096	73.83%	12.842%
5	15.278	1109	1115	1134	rBV	2987870	6582965	91.26%	15.876%
6	20.547	1683	1689	1711	rBV	3205665	7213055	100.00%	17.395%
7	24.972	2165	2171	2184	rBV2	2920915	6472389	89.73%	15.609%
8	25.119	2184	2187	2200	rVB2	27250	89585	1.24%	0.216%
9	26.983	2385	2390	2407	rBV	47079	110681	1.53%	0.267%
10	30.049	2717	2724	2734	rBV	442741	915378	12.69%	2.208%
11	33.005	3039	3046	3068	rBV2	2087884	4959499	68.76%	11.960%
12	33.289	3072	3077	3087	rVB2	26670	82707	1.15%	0.199%
13	35.566	3318	3325	3348	rBV	1579696	4433254	61.46%	10.691%
14	37.099	3485	3492	3512	rBV2	1387872	3987592	55.28%	9.617%

Sum of corrected areas: 41465894

29295.D GCMS1126.M Wed Dec 19 12:56:50 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29295.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 5:35 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



29295.D GCMS1126.M Wed Dec 19 12:56:57 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29295.D Vial: 7
Acq On : 12 Dec 2001 5:35 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

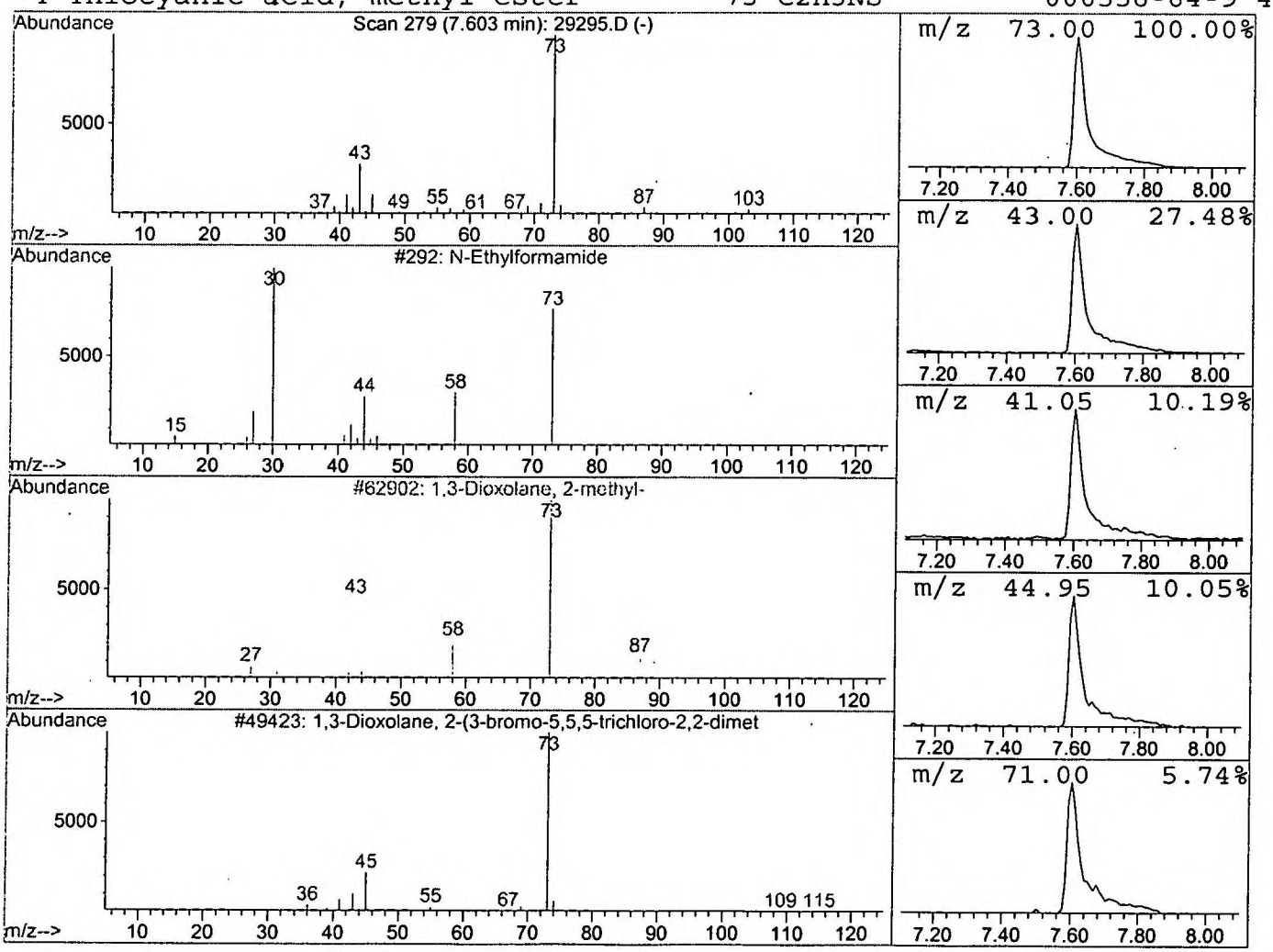
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.03 ug/l	807394	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29295.D
Acq On : 12 Dec 2001 5:35 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

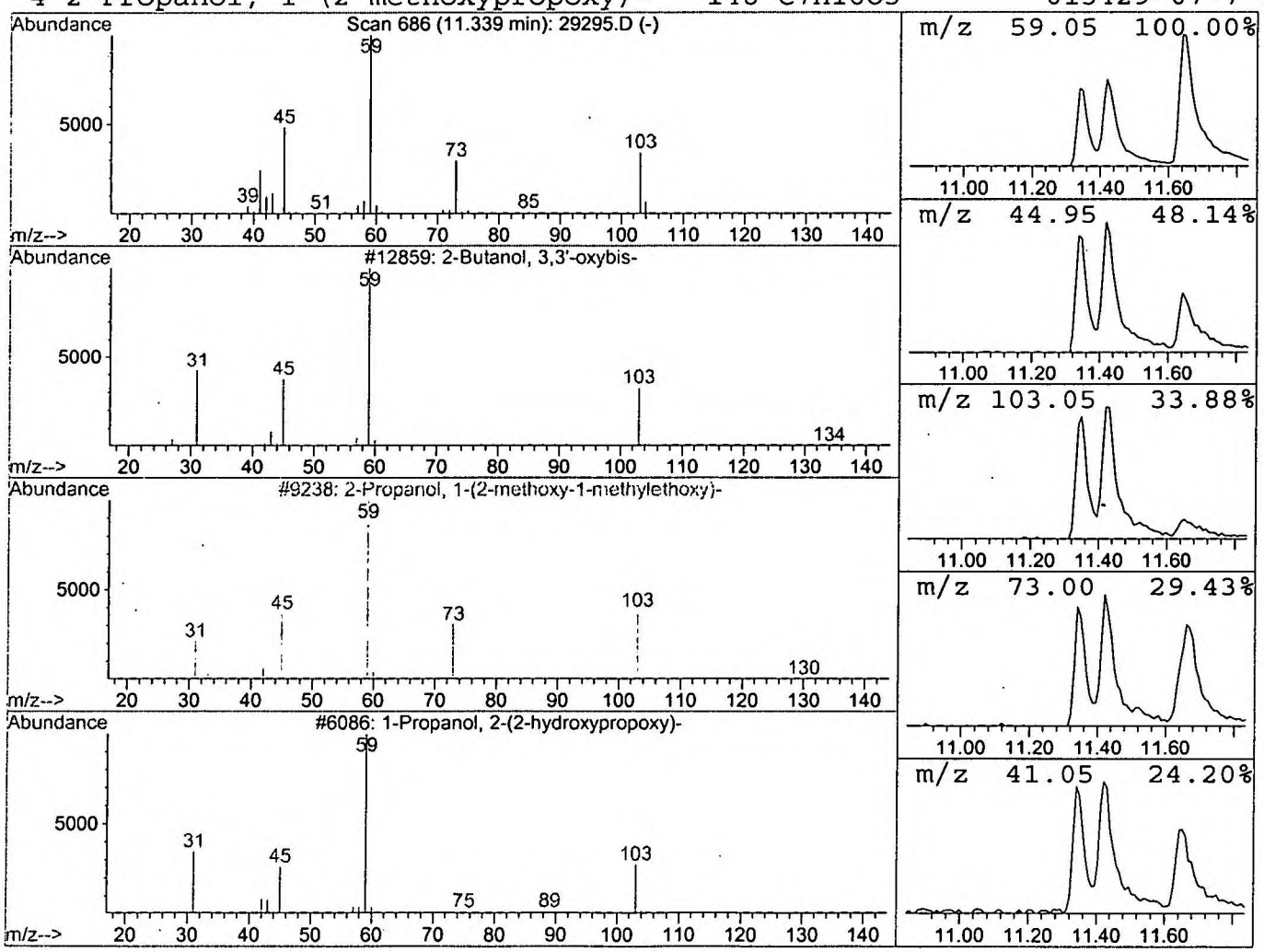
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3,3'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.81 ug/l	214338	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
2	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29295.D
Acq On : 12 Dec 2001 5:35 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

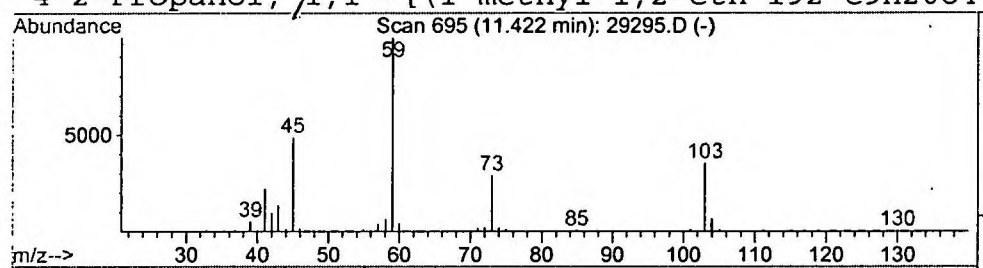
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

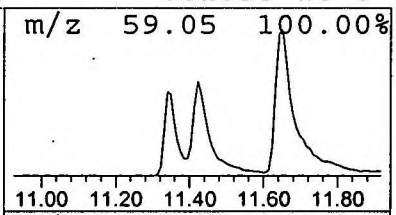
****

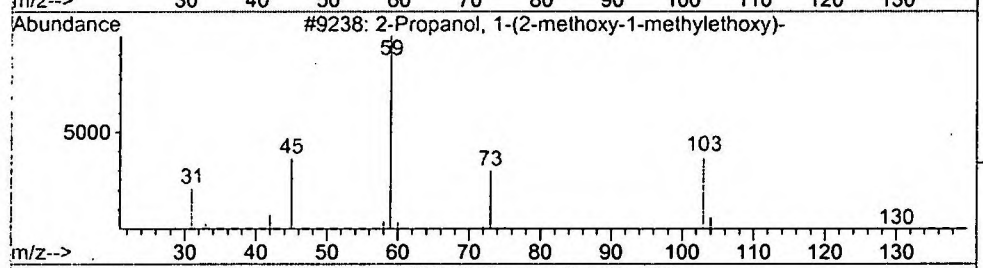
Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

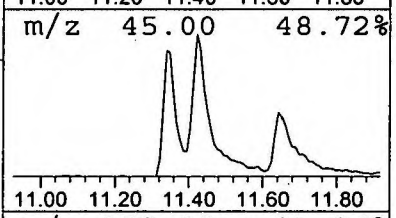
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.02 ug/l	271961	1,4-Dichlorobenzene-d4	11.67

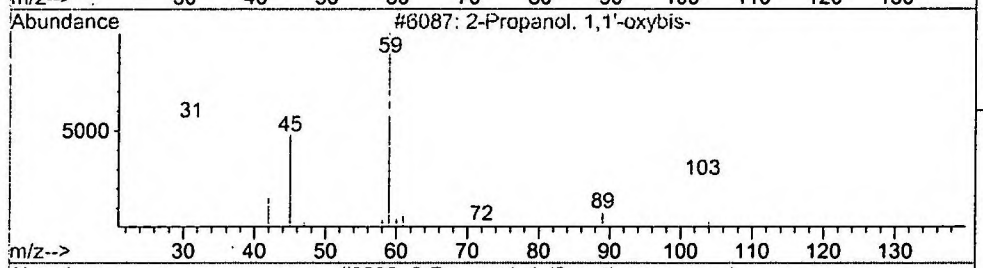
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	42

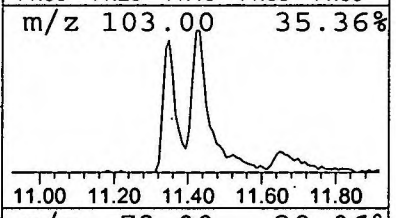


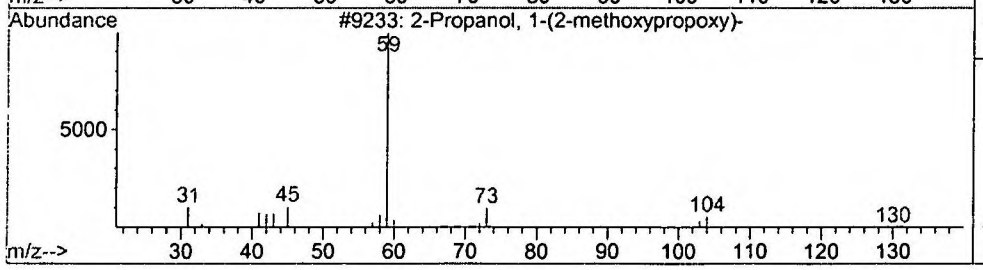


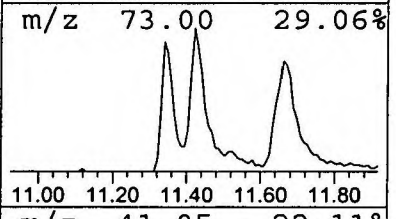


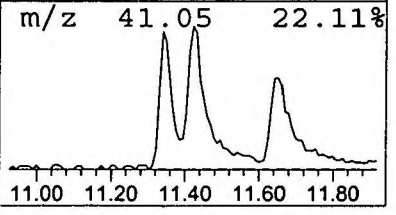












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29295.D
Acq On : 12 Dec 2001 5:35 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

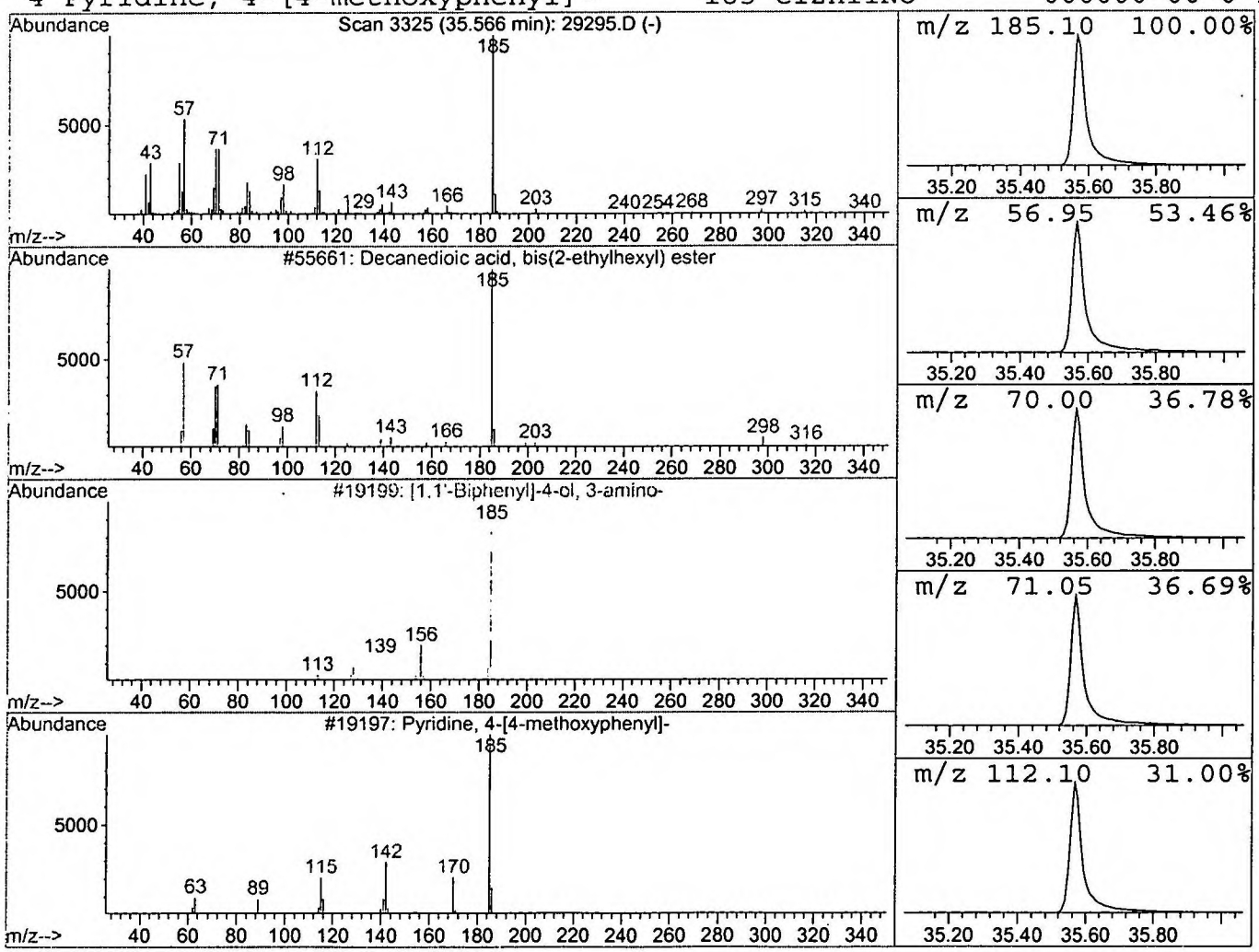
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	22.24 ug/l	4433250	Perylene-d12	37.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	91
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	35
3	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	000000-00-0	17
4	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	000000-00-0	17



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 5:35 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29295.D
Name: gc/ms scan 12/4
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	3.0	ug/l	807394	ISTD01	11.67	5325100	20.0
2-Butanol, 3,3'-oxyb	11.34	0.8	ug/l	214338	ISTD01	11.67	5325100	20.0
2-Propanol, 1-(2-met	11.42	1.0	ug/l	271961	ISTD01	11.67	5325100	20.0
Decanedioic acid, bi	35.57	22.2	ug/l	4433250	ISTD06	37.10	3987590	20.0

29295.D GCMS1126.M Wed Dec 19 12:57:21 2001