User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:21:37

Sample: AD29345
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:21 Ended: 1/4/02 12:21 Analyst: DLV
Page: 1

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

Comments for Sample AD29345 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 12:21:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

File : C:\HPCHEM\1\DATA\DEC1201\29345.D Vial: 21
n : 12 Dec 2001 10:30 pm Operator: 209 GALOS
e : gc/ms scan 12/5 Inst : GC/MS 209
Mi : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:38 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	11.68	152	921788	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3517263	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1712444	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2457264	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1510154	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	978137	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	118326	4.04	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 80.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	828	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	21.07	165	198	N.D.		
25) Diethylphthalate	22.10	149	280	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\DEC1201\29345.D
Acq On : 12 Dec 2001 10:30 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:38 2001

Vial: 21
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 : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

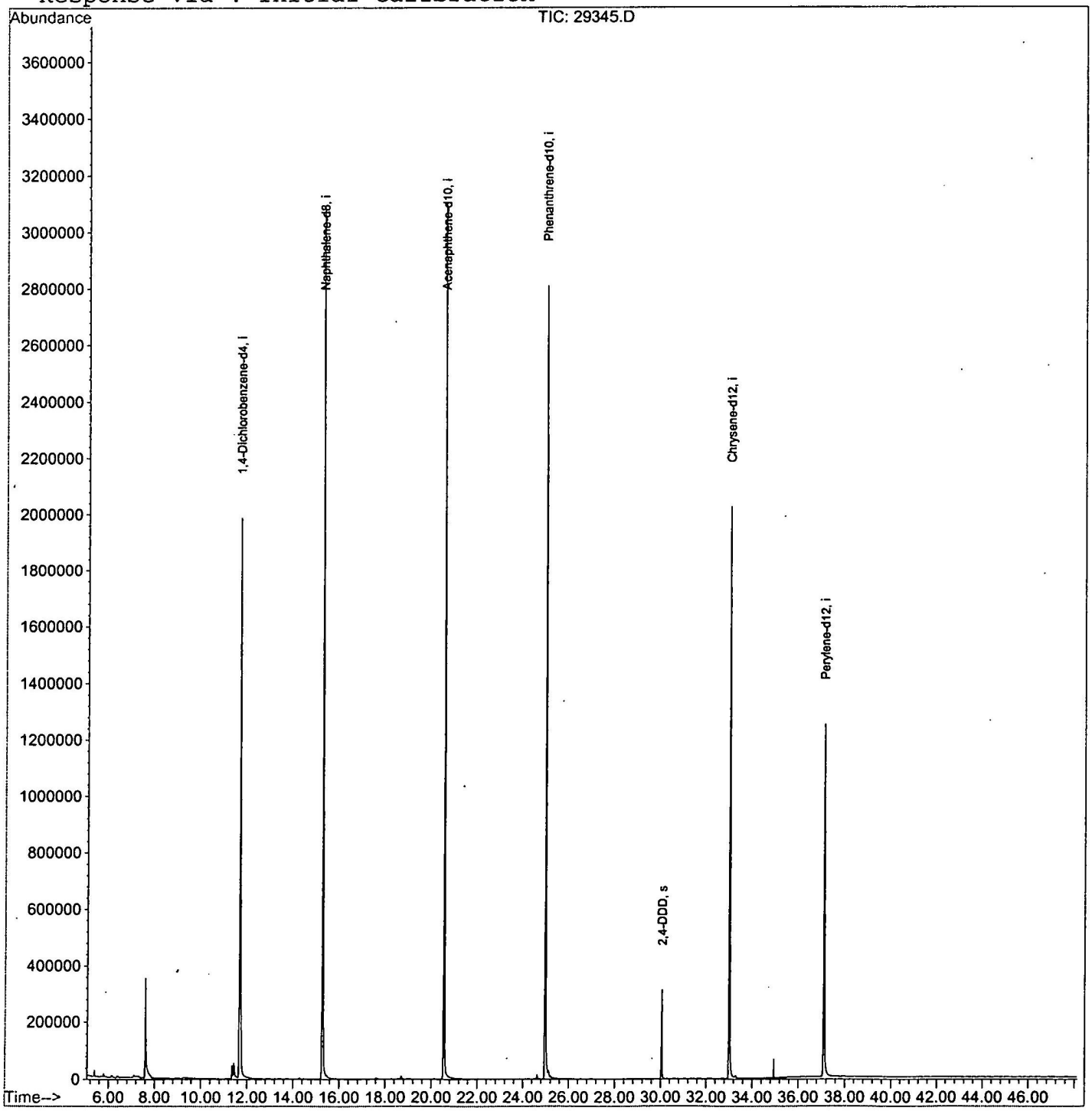
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.05	178	219	N.D.	
34) Anthracene	25.05	178	219	N.D.	
35) Di-n-butylphthalate	27.00	149	4439	N.D.	
36) Fluoranthene	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	3385	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	5259	N.D.	
43) Chrysene	33.01	228	3385	N.D.	
45) Di-n-Octylphthalate	35.04	149	177	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	3528	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\DEC1201\29345.D Vial: 21
Acq On : 12 Dec 2001 10:30 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:38 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\DEC1201\29345.D Vial: 21
Acq On : 12 Dec 2001 10:30 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 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

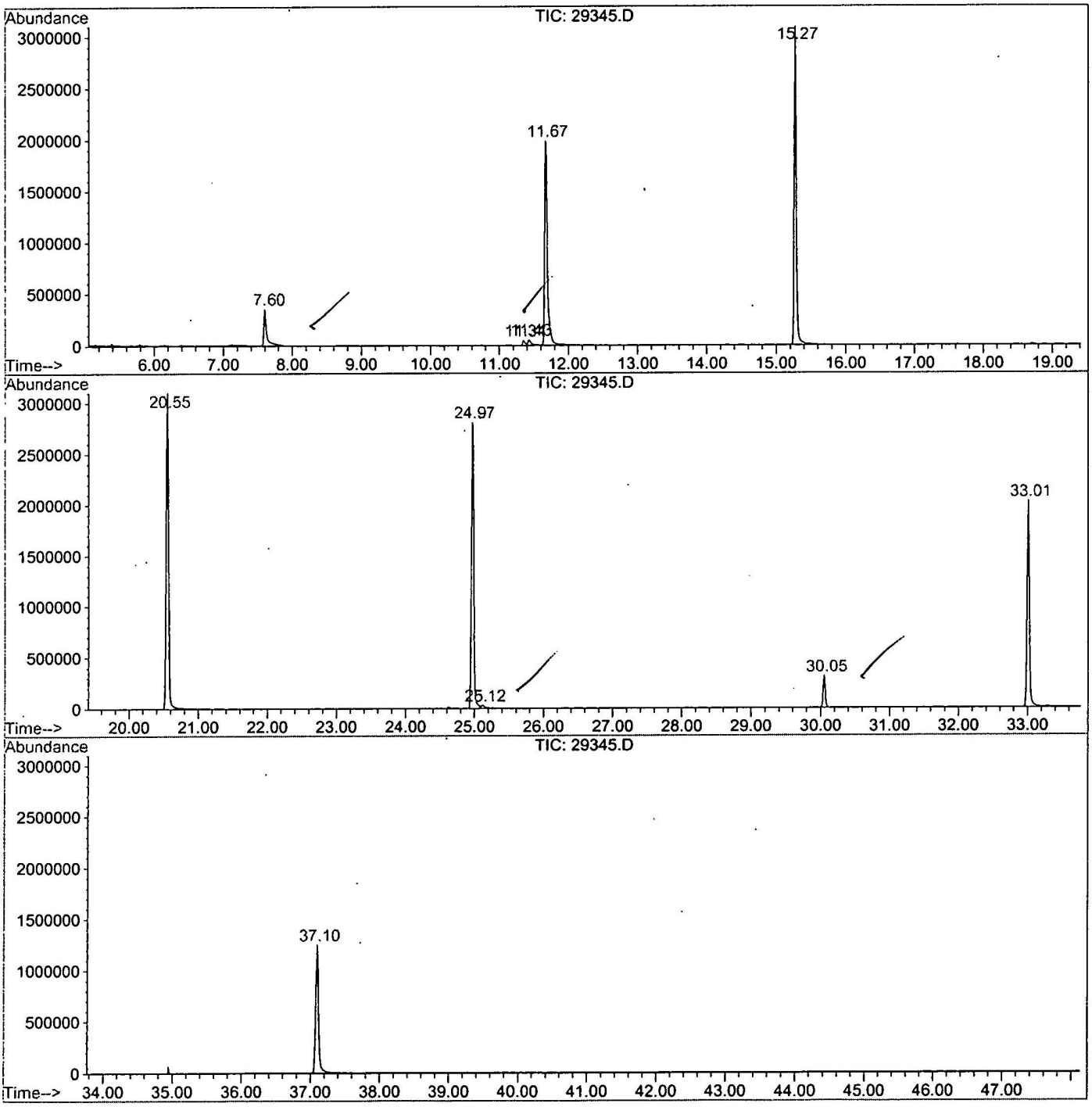
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	309	rBV	351221	1004896	14.16%	2.801%
2	11.345	683	686	692	rBV	47339	121379	1.71%	0.338%
3	11.427	692	695	711	rVB	52467	165321	2.33%	0.461%
4	11.666	716	721	740	rBV	1983173	5240203	73.86%	14.609%
5	15.274	1108	1114	1132	rBV	3088278	6658994	93.85%	18.564%
6	20.552	1683	1689	1712	rBV	3103576	7094994	100.00%	19.779%
7	24.968	2164	2170	2182	rBV2	2810101	6553372	92.37%	18.269%
8	25.124	2184	2187	2198	rVB	25585	82264	1.16%	0.229%
9	30.054	2718	2724	2732	rBV	313230	657475	9.27%	1.833%
10	33.010	3039	3046	3062	rBV	2023641	4719633	66.52%	13.157%
11	37.095	3483	3491	3514	rBV2	1247331	3572198	50.35%	9.959%

Sum of corrected areas: 35870729

29345.D GCMS1126.M Fri Dec 21 12:22:51 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29345.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 10:30 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/5
Misc Info :
Vial Number: 21
Quant File :GCMS1126.RES (RTE Integrator)



29345.D GCMS1126.M Fri Dec 21 12:22:57 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29345.D
Acq On : 12 Dec 2001 10:30 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

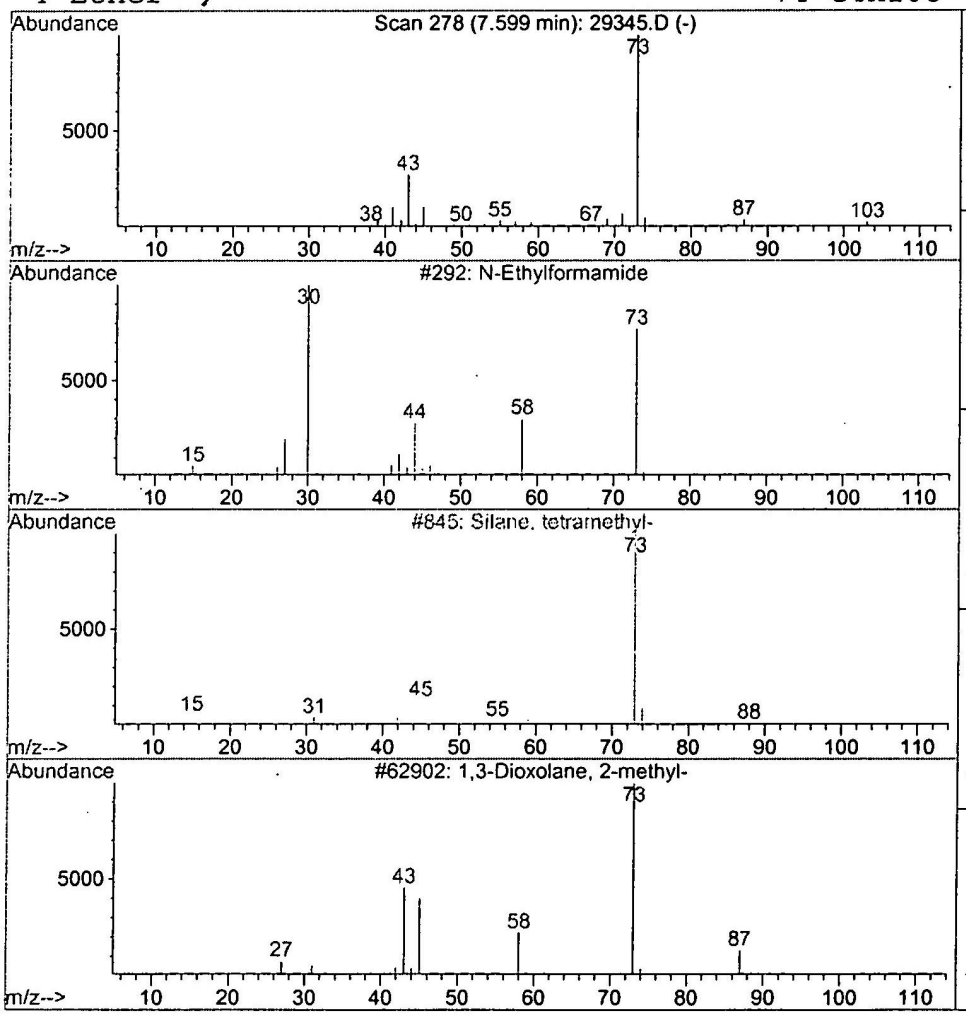
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

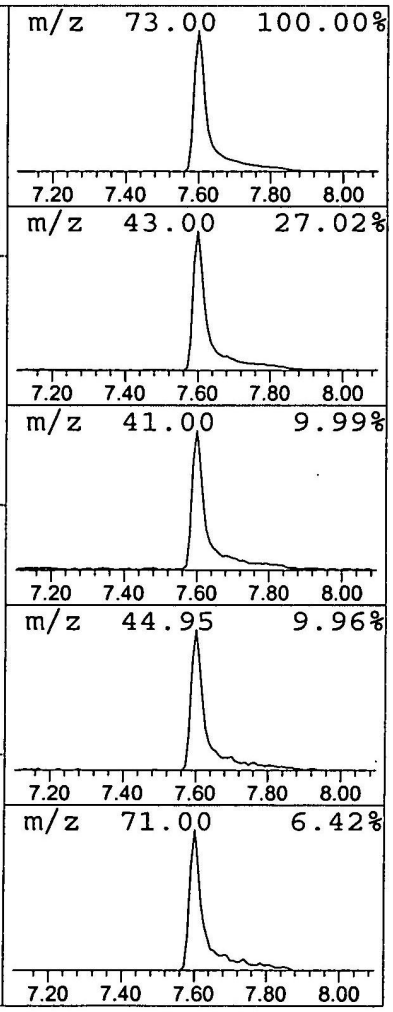
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.84 ug/l	1004900	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	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\DEC1201\29345.D Vial: 21
Acq On : 12 Dec 2001 10:30 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

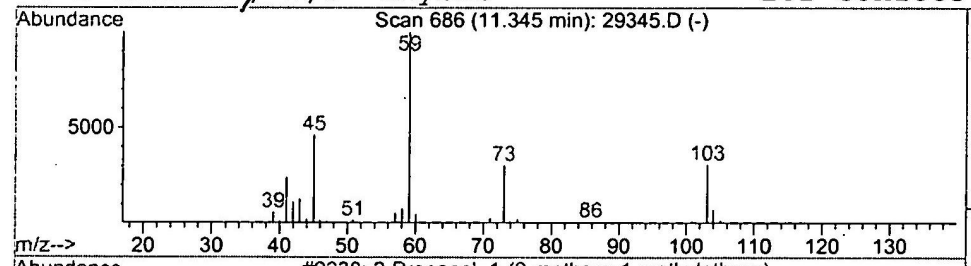
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

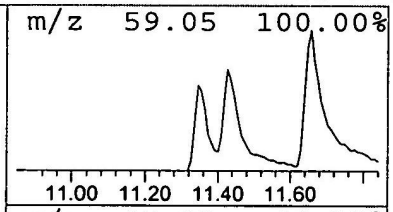
****

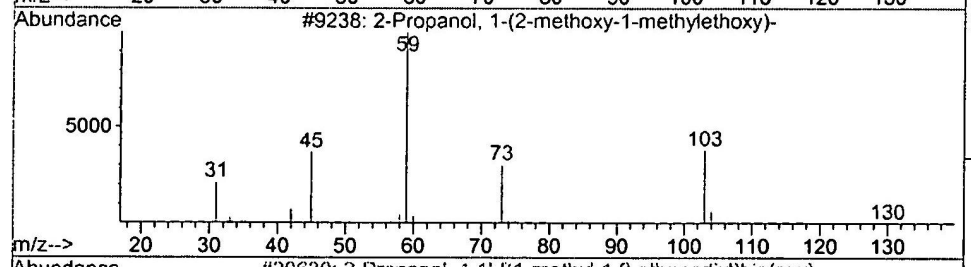
Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

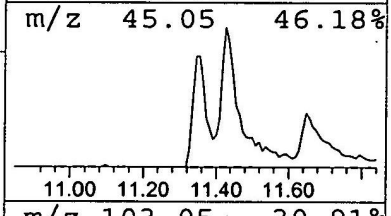
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.46 ug/l	121379	1,4-Dichlorobenzene-d4	11.68

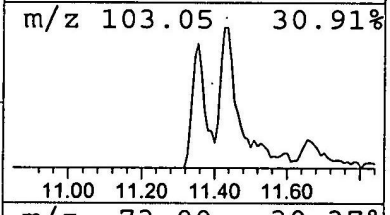
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
2	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50

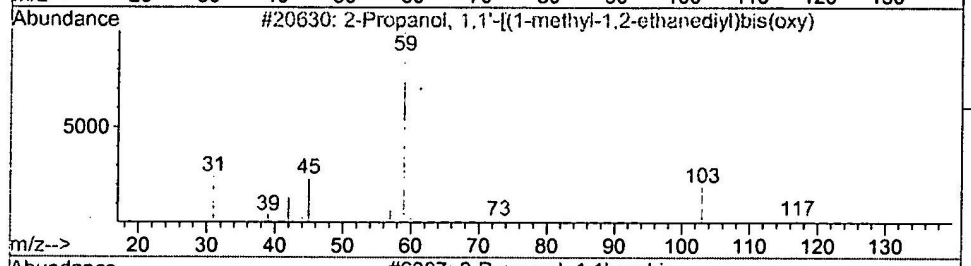


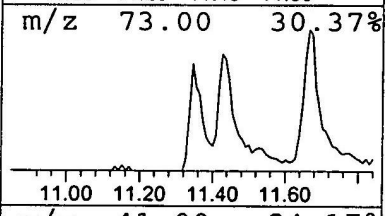


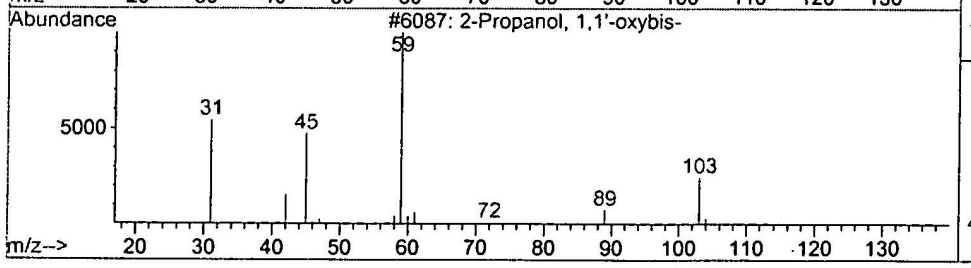


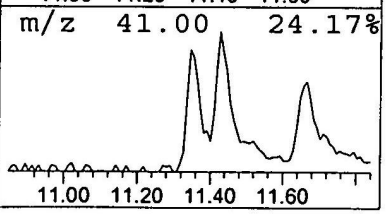












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29345.D
Acq On : 12 Dec 2001 10:30 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

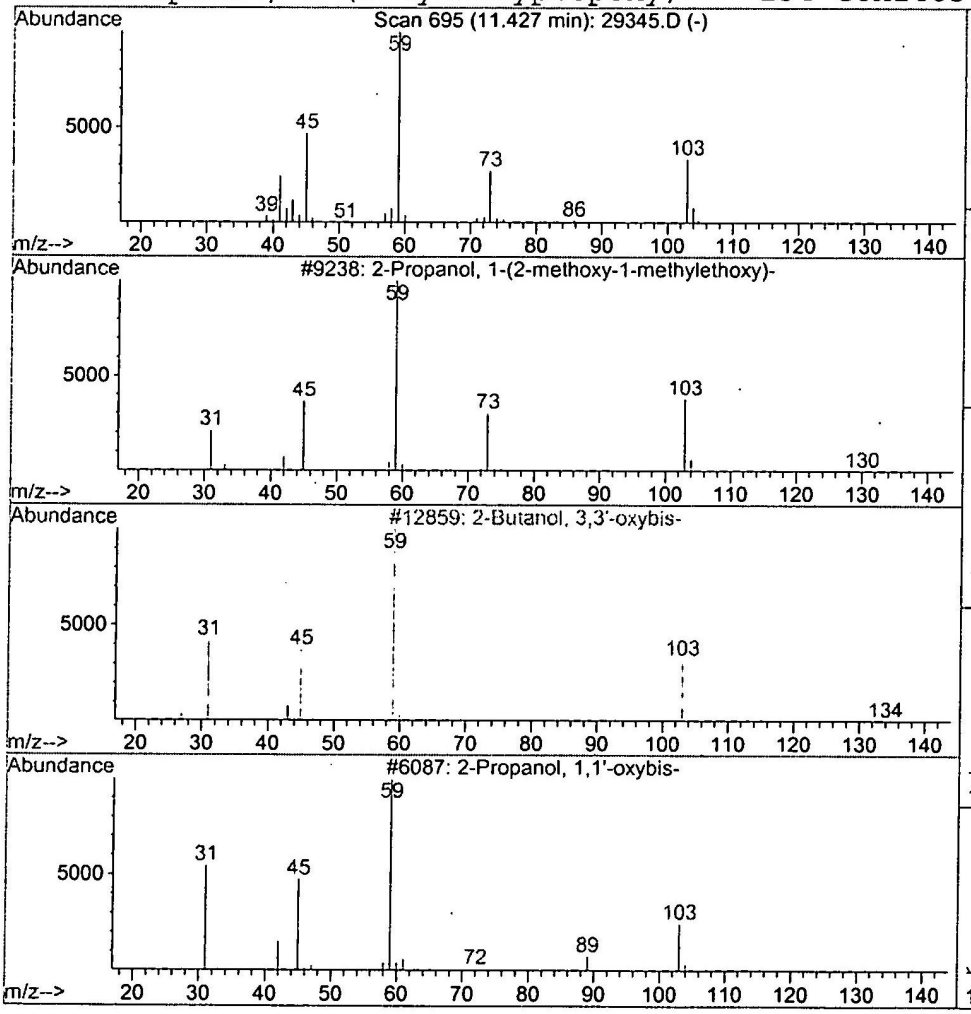
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

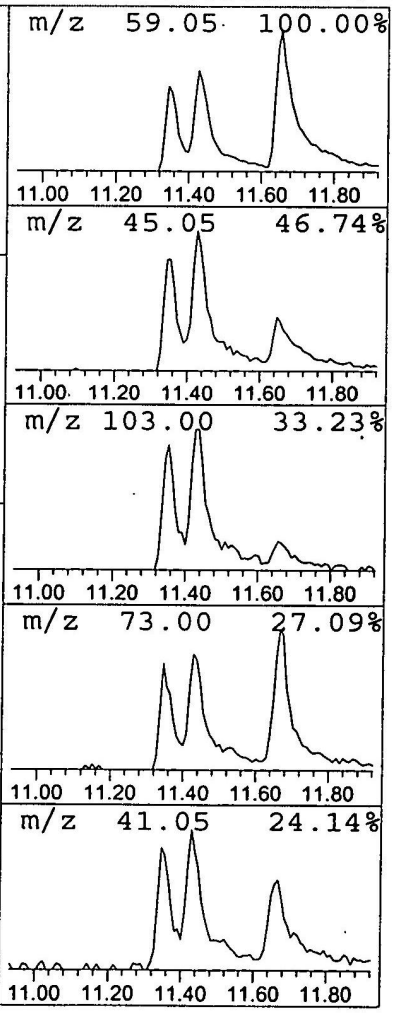
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.63 ug/l	165321	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	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 10:30 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29345.D
Name: gc/ms scan 12/5
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	3.8	ug/l	1004900	ISTD01	11.68	5240200	20.0
2-Propanol, 1-(2-met	11.34	0.5	ug/l	121379	ISTD01	11.68	5240200	20.0
2-Propanol, 1-(2-met	11.43	0.6	ug/l	165321	ISTD01	11.68	5240200	20.0

29345.D GCMS1126.M Fri Dec 21 12:23:15 2001