Comments for Sample AD29466 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 15:10:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The Recovery for the Surrogate Standard in this sample was below its acceptance range. This sample will be re-extracted and re-analyzed.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:09:30

Sample: AD29466
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 15:08 Ended: 1/4/02 15:08 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D Vial: 12
Acq On : 13 Dec 2001 8:37 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 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	1213658	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4597482	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2264335	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3272561	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	2080977	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1431834	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	119778	2.53	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 50.60%			
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	14.98	93	104	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.33	128	1265	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	21.33	165	116	N.D.		
25) Diethylphthalate	22.09	149	1074	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\DEC1301\29466.D Vial: 12
Acq On : 13 Dec 2001 8:37 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 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	25.05	178	512	N.D.	
34)	Anthracene	25.05	178	512	N.D.	
35)	Di-n-butylphthalate	26.99	149	6406	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	934	N.D.	
41)	Benzo(a)anthracene	33.01	228	5407	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	30754	N.D.	
43)	Chrysene	33.01	228	5407	N.D.	
45)	Di-n-Octylphthalate	35.03	149	174	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	37.11	252	5649	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.	

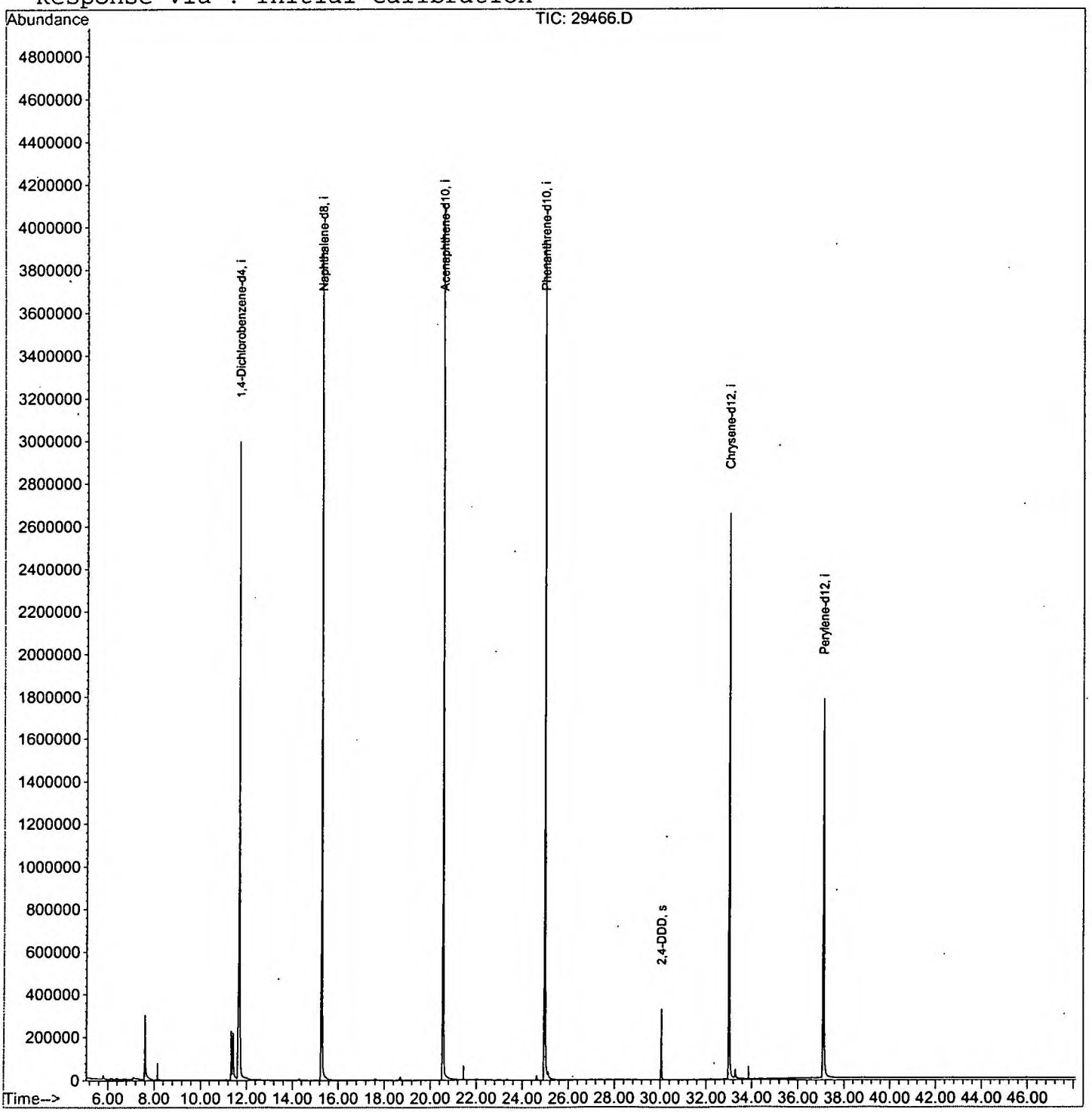
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D
Acq On : 13 Dec 2001 8:37 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:53 2001

Vial: 12
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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D Vial: 12
Acq On : 13 Dec 2001 8:37 pm Operator: 209 GALOS
Sample : gcms scan 12/6 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

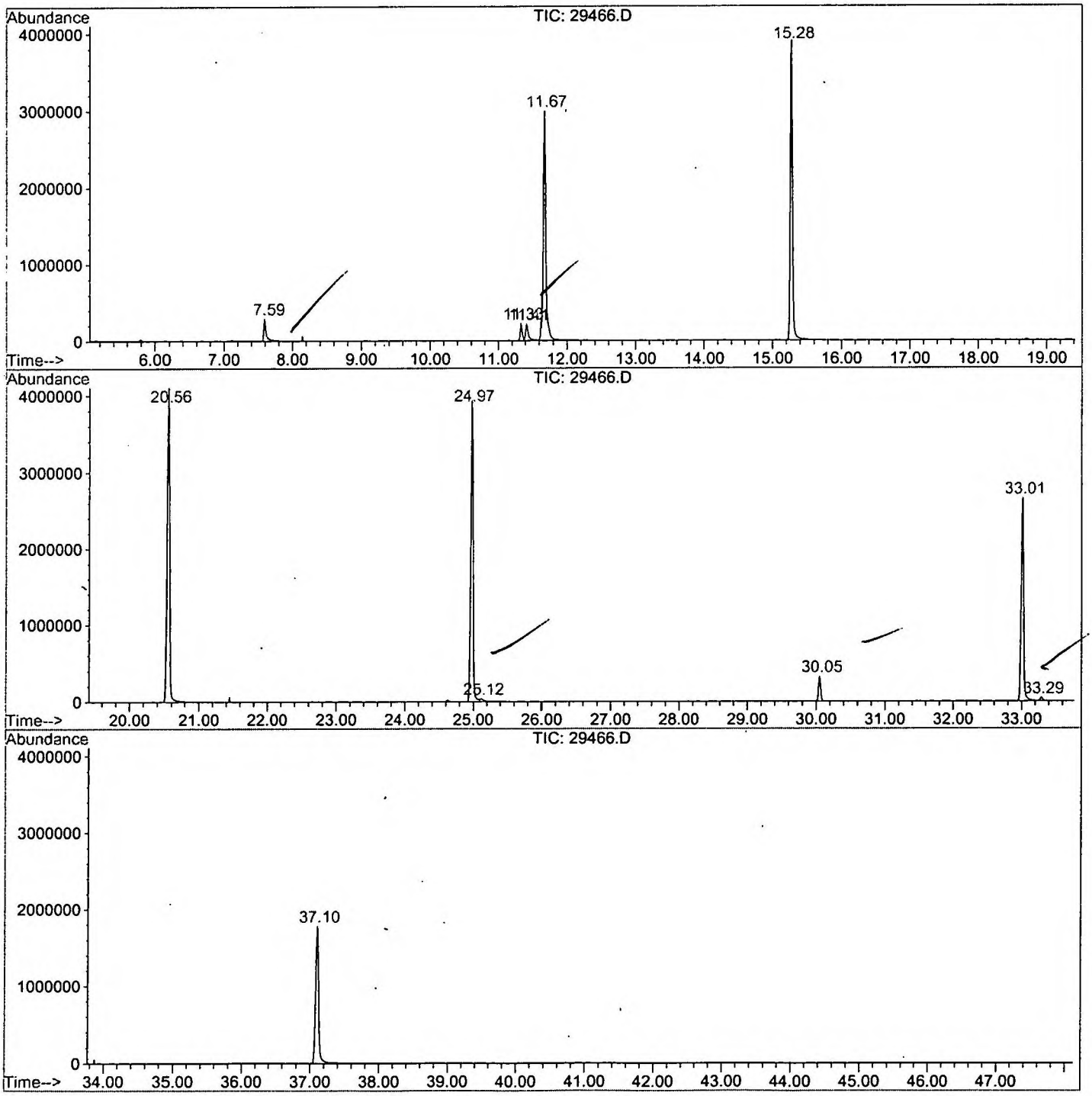
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	299	rBV	297912	763369	8.19%	1.568%
2	11.331	681	685	690	rBV	224099	448672	4.82%	0.922%
3	11.413	690	694	714	rVB	212778	565046	6.07%	1.161%
4	11.670	714	722	739	rBV2	2989400	7448644	79.96%	15.299%
5	15.278	1108	1115	1133	rBV	3905756	8752480	93.95%	17.977%
6	20.557	1682	1690	1715	rBV	4109566	9315768	100.00%	19.134%
7	24.973	2164	2171	2184	rBV2	3929325	8722311	93.63%	17.915%
8	25.119	2184	2187	2196	rVB	32315	94600	1.02%	0.194%
9	30.049	2718	2724	2732	rBV	326363	668544	7.18%	1.373%
10	33.015	3039	3047	3071	rBV2	2652029	6575860	70.59%	13.506%
11	33.290	3072	3077	3085	rVV	40451	104234	1.12%	0.214%
12	37.100	3484	3492	3517	rBV2	1775329	5227683	56.12%	10.737%

Sum of corrected areas: 48687211

29466.D GCMS1126.M Fri Dec 21 13:10:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\29466.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 8:37 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/6
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



29466.D GCMS1126.M Fri Dec 21 13:10:34 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D
Acq On : 13 Dec 2001 8:37 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

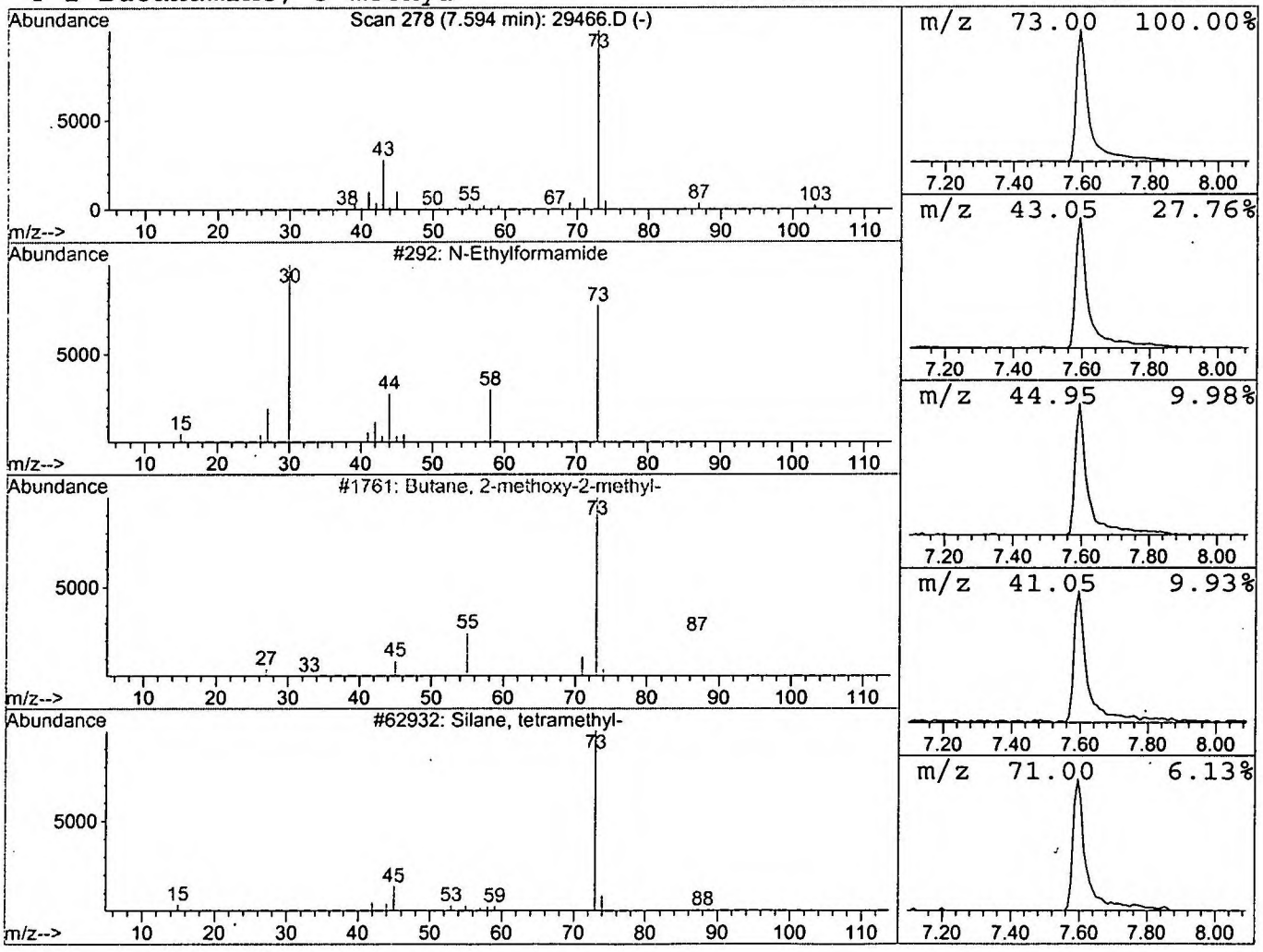
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.05 ug/l	763369	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D
Acq On : 13 Dec 2001 8:37 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

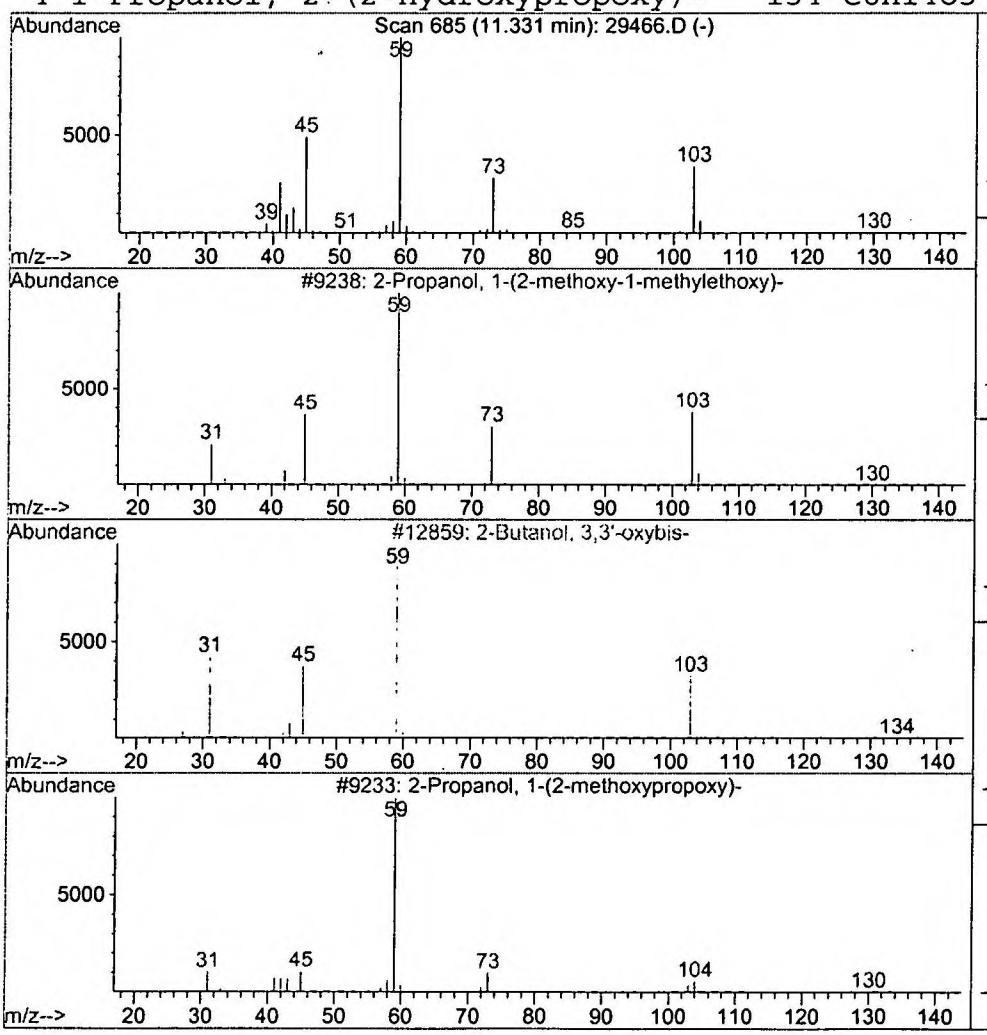
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

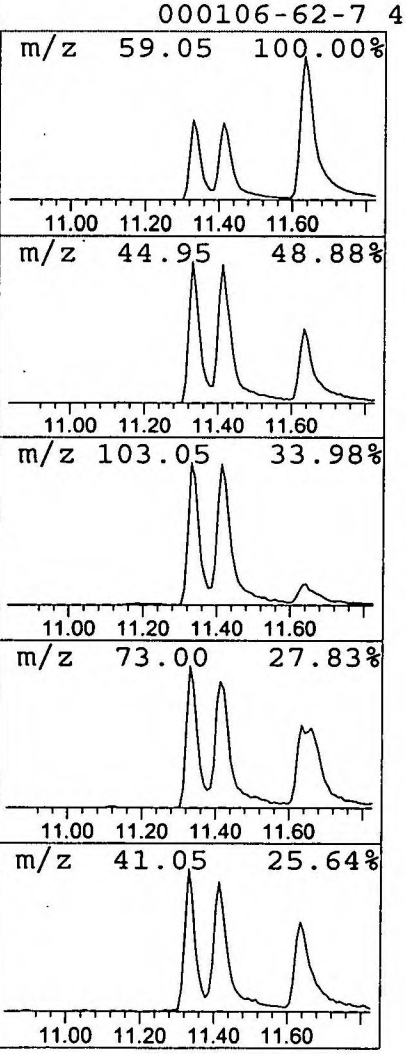
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	1.20 ug/l	448672	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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29466.D Vial: 12
Acq On : 13 Dec 2001 8:37 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

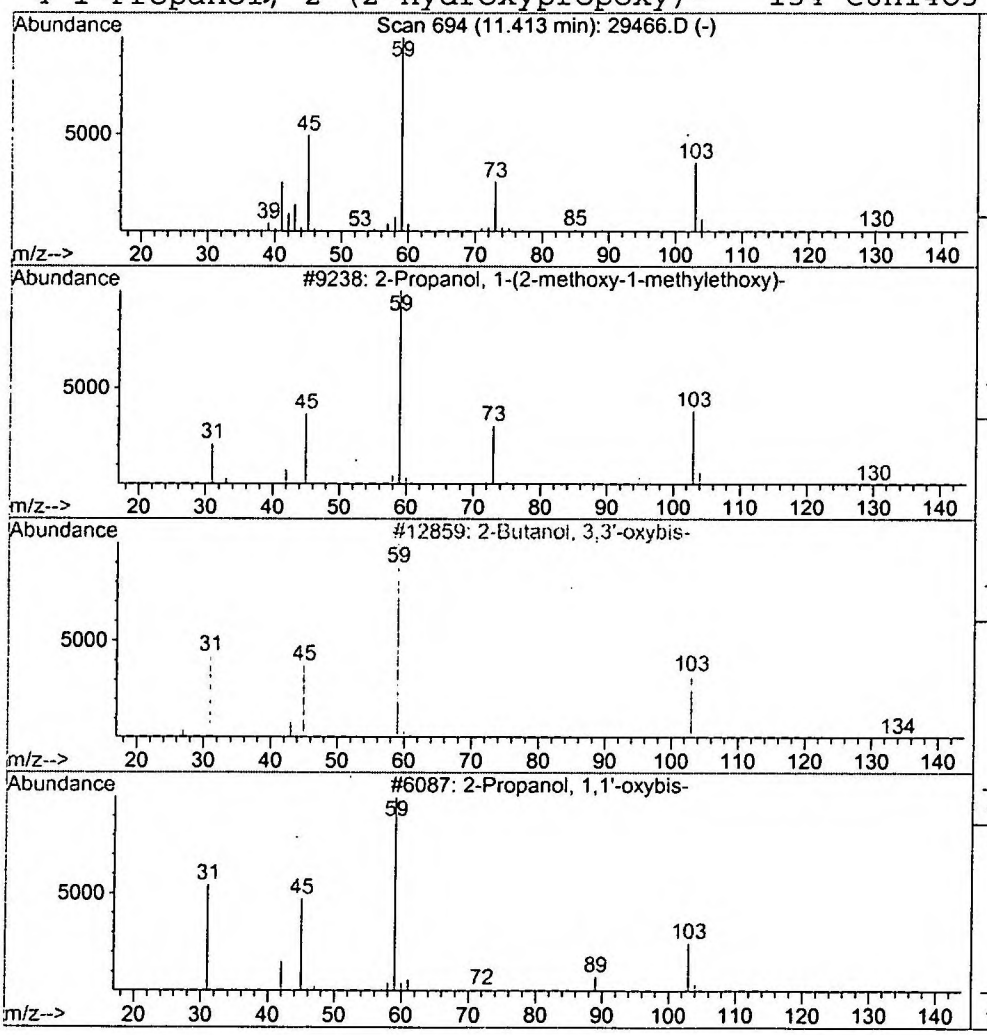
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

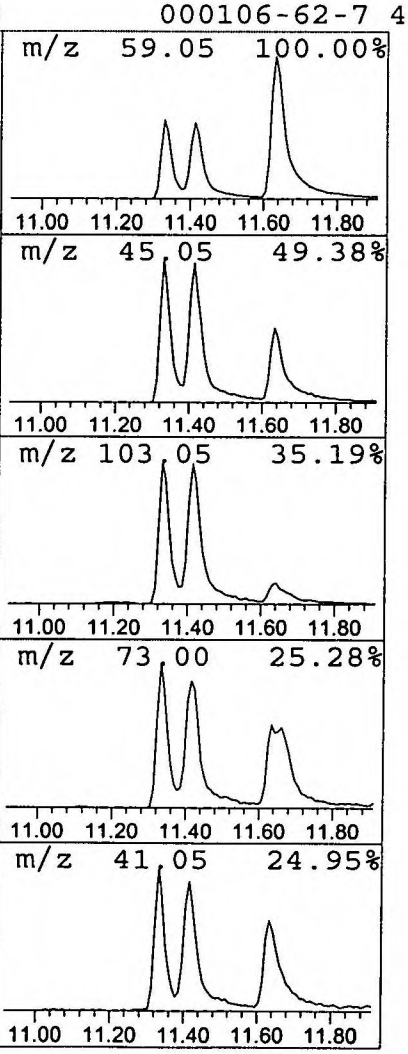
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.52 ug/l	565046	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	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 8:37 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\29466.D
Name: gcms scan 12/6
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	2.0	ug/l	763369	ISTD01	11.67	7448640	20.0
2-Propanol, 1-(2-met	11.33	1.2	ug/l	448672	ISTD01	11.67	7448640	20.0
2-Propanol, 1-(2-met	11.41	1.5	ug/l	565046	ISTD01	11.67	7448640	20.0

29466.D GCMS1126.M Fri Dec 21 13:10:52 2001