Comments for Sample AD29086 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:08:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds.

PHL2

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:07:48

Sample: AD29086
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:07 Ended: 12/18/01 13:07 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		94		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29086.D Vial: 35
Acq On : 11 Dec 2001 9:50 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:34 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	915431	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3509371	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1735916	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2454411	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1524062	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	832382	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	137155	4.69	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.80%			
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	13.49	82	182	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	1582	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	21.05	165	409	N.D.		
25) Diethylphthalate	22.08	149	817	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\29086.D Vial: 35
Acq On : 11 Dec 2001 9:50 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:34 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	354	N.D.	
34)	Anthracene	25.04	178	354	N.D.	
35)	Di-n-butylphthalate	26.99	149	18982	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	33.00	228	3868	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	3699	N.D.	
43)	Chrysene	33.00	228	3868	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	37.09	252	4202	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.	

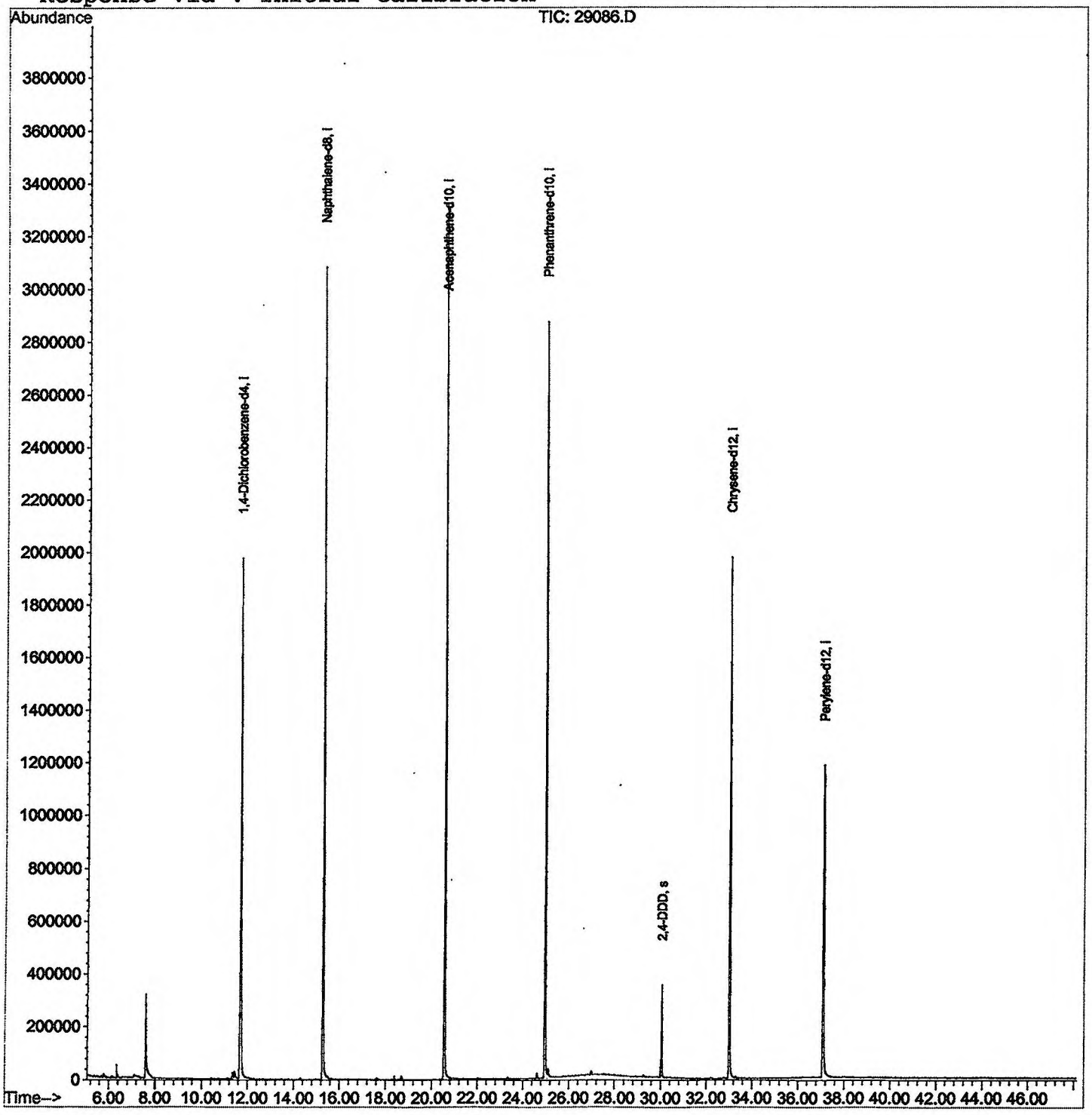
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29086.D
Acq On : 11 Dec 2001 9:50 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:34 2001

Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29086.D Vial: 35
Acq On : 11 Dec 2001 9:50 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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

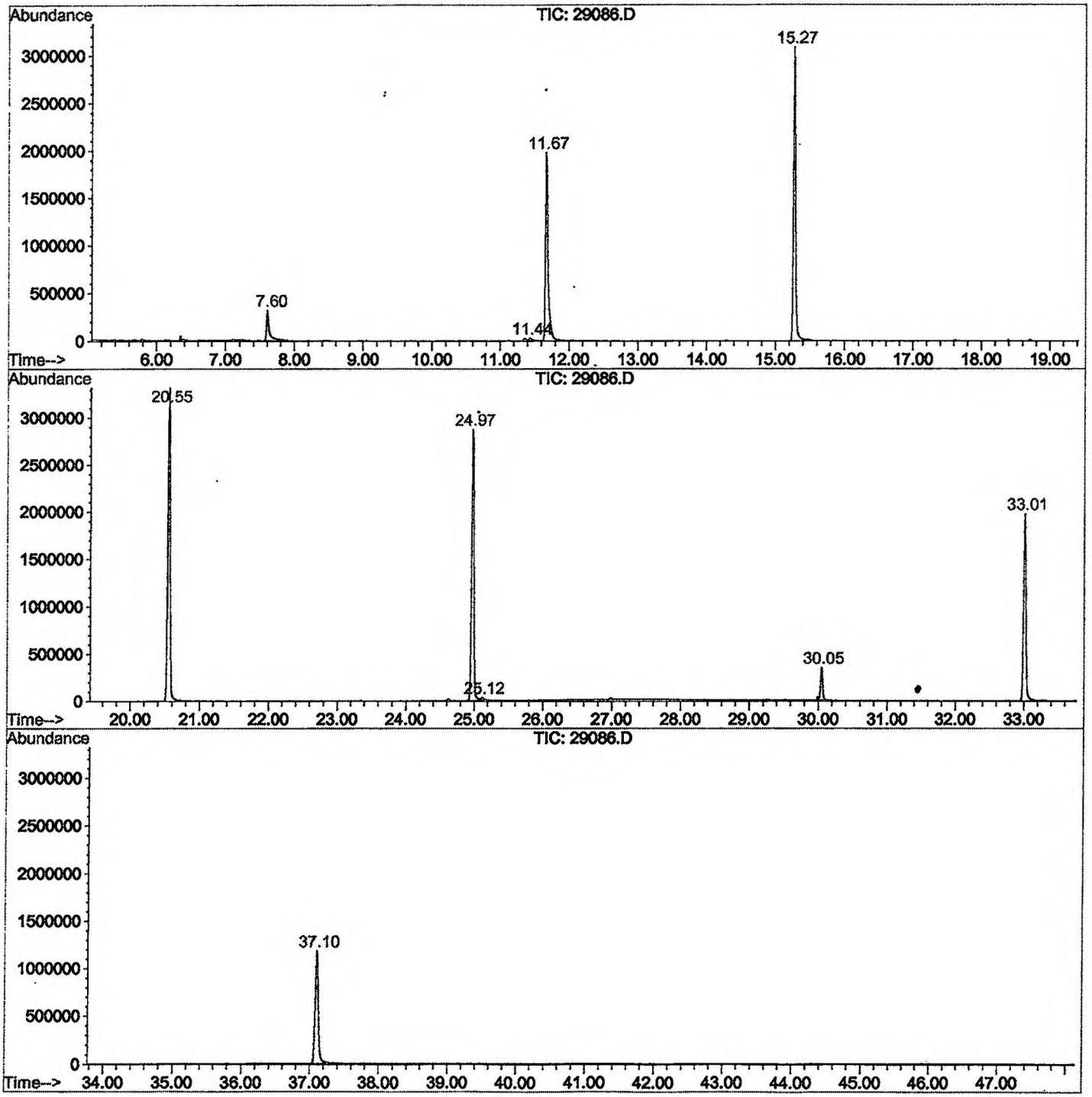
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.600	274	278	301	rBV	315160	878893	12.38%	2.476%
2	11.437	692	696	711	rVB3	27592	98217	1.38%	0.277%
3	11.667	716	721	746	rBV	1975024	5120420	72.10%	14.426%
4	15.275	1108	1114	1133	rBV	3082509	6621536	93.24%	18.655%
5	20.553	1682	1689	1703	rBV	3325244	7101798	100.00%	20.008%
6	24.969	2164	2170	2183	rBV2	2868895	6558374	92.35%	18.477%
7	25.116	2183	2186	2196	rVB2	28385	79903	1.13%	0.225%
8	30.046	2718	2723	2731	rVB	347825	743432	10.47%	2.094%
9	33.011	3039	3046	3062	rBV2	1977627	4781342	67.33%	13.471%
10	37.096	3484	3491	3507	rBV2	1178578	3510752	49.43%	9.891%

Sum of corrected areas: 35494667

29086.D GCMS1126.M Wed Dec 12 15:51:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29086.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 9:50 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 35
Quant File :GCMS1126.RES (RTE Integrator)



29086.D GCMS1126.M Wed Dec 12 15:51:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29086.D
Acq On : 11 Dec 2001 9:50 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

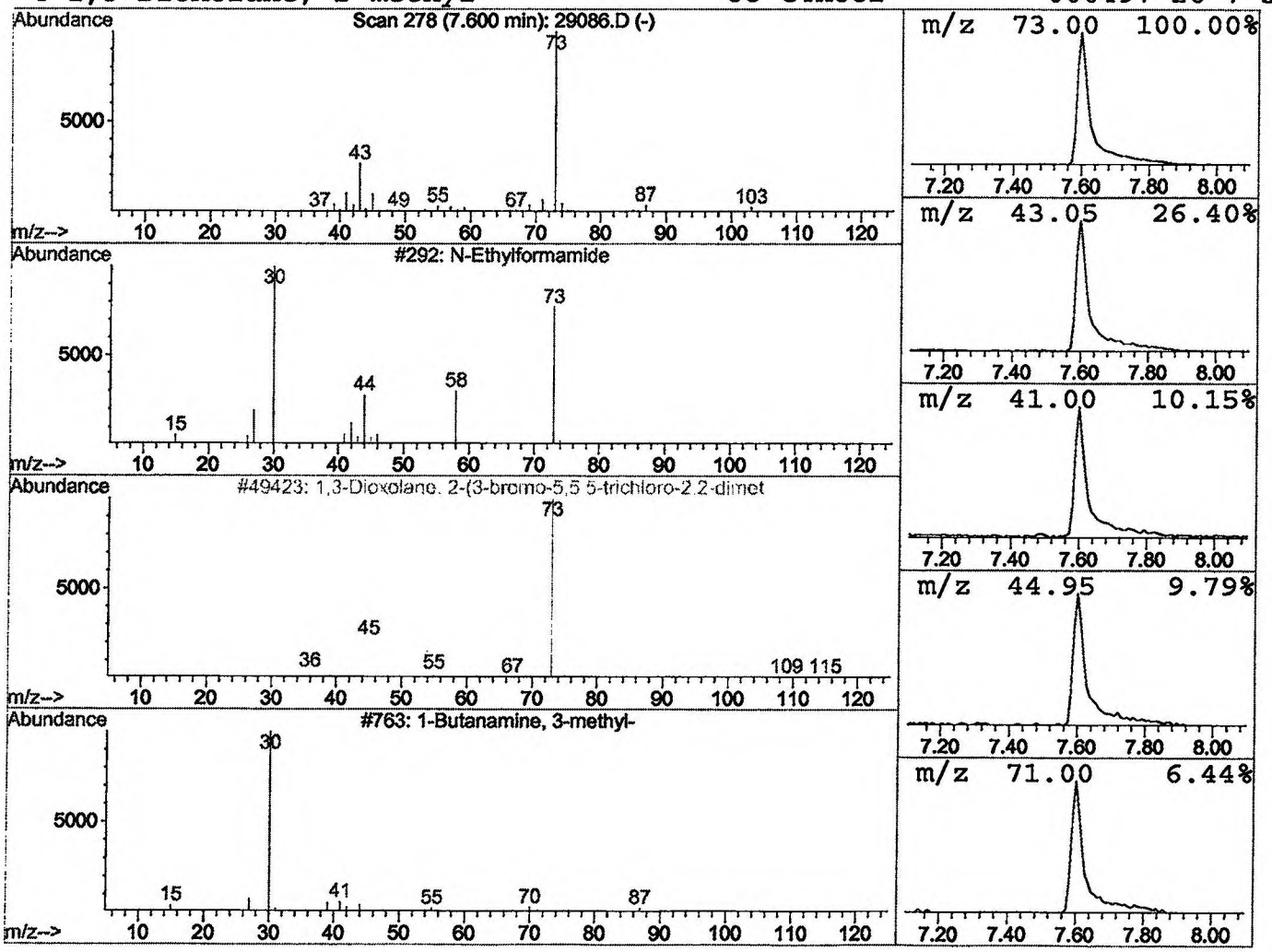
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.43 ug/l	878893	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 9:50 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29086.D
Name: gc/ms scan 11/30a
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	878893	ISTD01	11.67	5120420	20.0

29086.D GCMS1126.M Wed Dec 12 15:51:24 2001