

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 14:59:04

Sample: AD30109
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 14:58 Ended: 1/9/02 14:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		5.0

· **Comments for Sample AD30109 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-09-2002 Time: 14:59:20

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\30109.D

Vial: 20

Acq On : 20 Dec 2001 8:01 pm

Operator: 209 GALOS

Sample : gc/ms scan 12/12 a

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 31 12:21 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	11.67	152	889541	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3444253	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1701289	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2557806m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1734289	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1229102	20.00	ug/l	-0.01

System Monitoring Compounds

37) 2,4-DDD	30.06	235	140039	3.78	ug/mL	-0.01
Spiked Amount	5.000		Recovery	=	75.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.22	74	385	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	1316	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	21.14	165	103	N.D.	
25) Diethylphthalate	22.11	149	1116	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

30109.D GCMS1126.M Mon Dec 31 12:22:21 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\30109.D

Vial: 20

Acq On : 20 Dec 2001 8:01 pm

Operator: 209 GALOS

Sample : gc/ms scan 12/12 a

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 31 12:21 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

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	359	N.D.		
34) Anthracene	25.04	178	359	N.D.		
35) Di-n-butylphthalate	27.00	149	38564	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	4284	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.30	149	4937	N.D.		
43) Chrysene	33.01	228	4284	N.D.		
45) Di-n-Octylphthalate	35.05	149	123	N.D.		
46) Benzo(b)fluoranthene	36.14	252	226	N.D.		
47) Benzo(k)fluoranthene	36.14	252	226	N.D.		
48) Benzo(a)pyrene	37.11	252	4813	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

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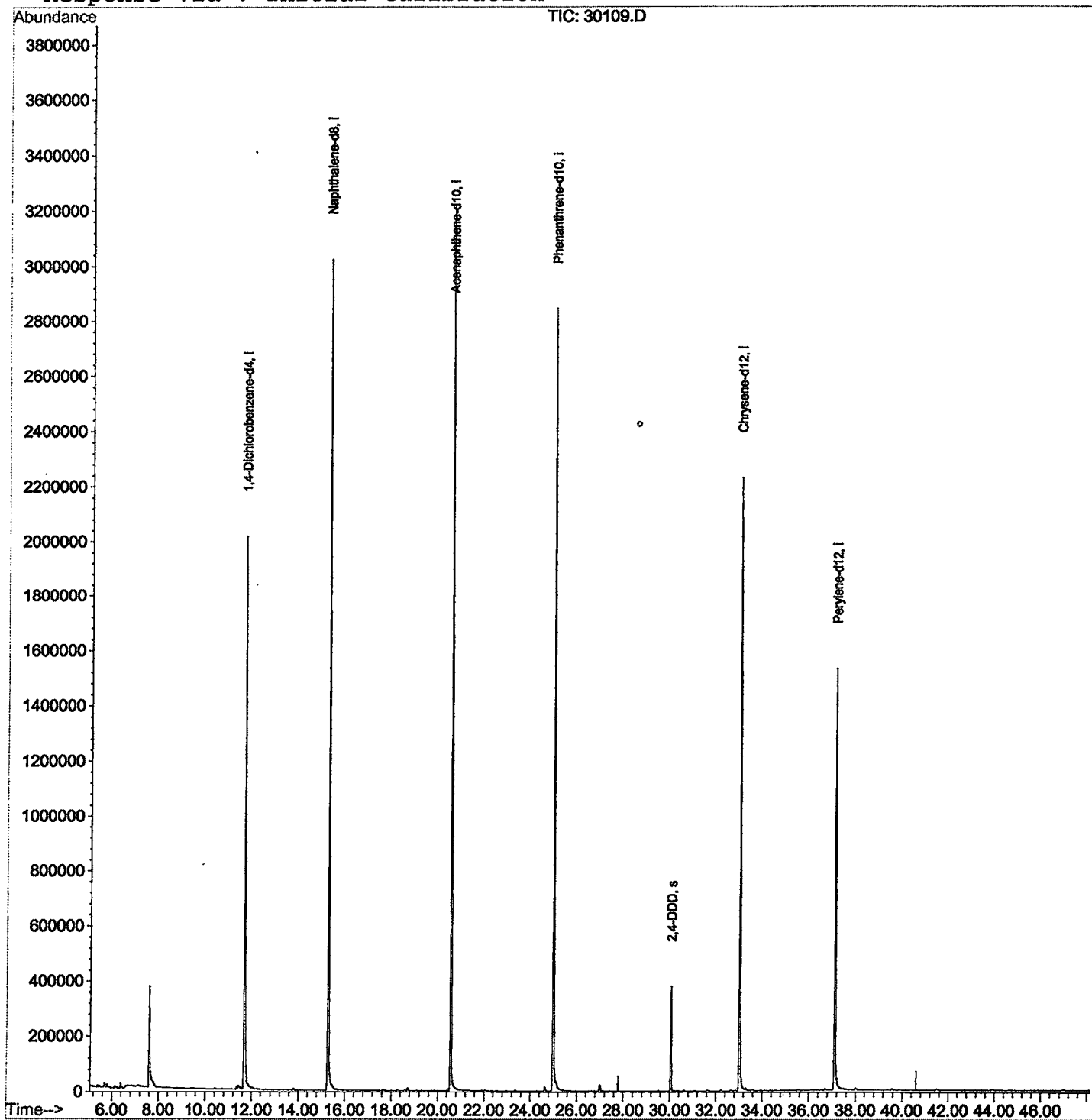
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30109.D
Acq On : 20 Dec 2001 8:01 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:21 2001

Vial: 20
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\DEC1901\30109.D
 Acq On : 20 Dec 2001 8:01 pm
 Sample : gc/ms scan 12/12 a
 Misc :
 MS Integration Params: LSCINT.P

Vial: 20
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

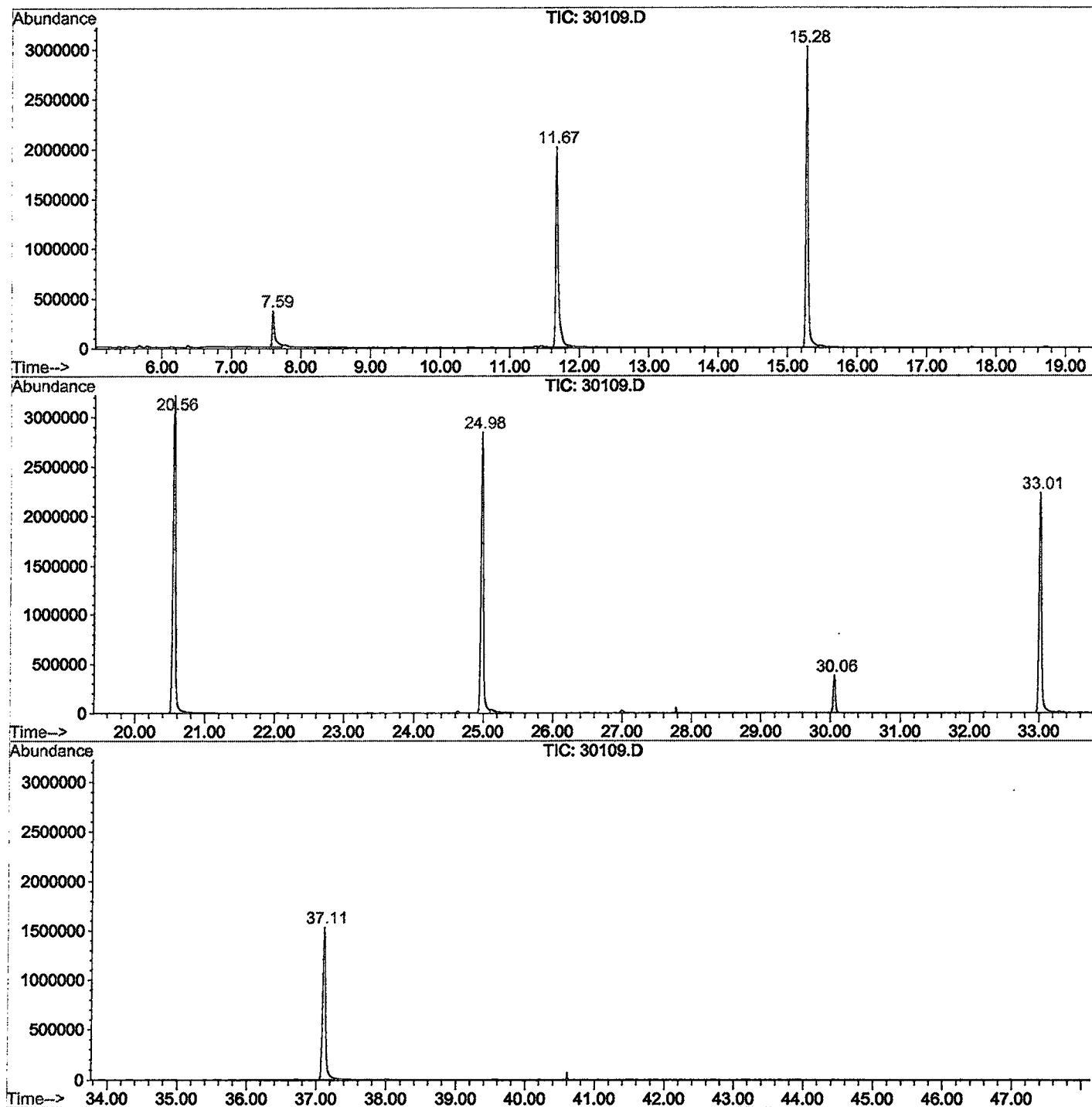
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	293	rBV	365349	1025160	14.24%	2.715%
2	11.669	717	722	747	rBV	2008196	5240328	72.82%	13.877%
3	15.277	1109	1115	1133	rBV	3019690	6717347	93.34%	17.788%
4	20.555	1684	1690	1710	rBV	3220125	7196754	100.00%	19.057%
5	24.980	2165	2172	2185	rBV2	2843744	6793070	94.39%	17.988%
6	30.057	2719	2725	2737	rBV	377689	821109	11.41%	2.174%
7	33.013	3040	3047	3073	rBV2	2228151	5508385	76.54%	14.586%
8	37.108	3485	3493	3511	rBV2	1527367	4461760	62.00%	11.815%

Sum of corrected areas: 37763913

30109.D GCMS1126.M Wed Jan 02 09:55:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30109.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 8:01 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12 a
Misc Info :
Vial Number: 20
Quant File :GCMS1126.RES (RTE Integrator)



30109.D GCMS1126.M

Wed Jan 02 09:56:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30109.D
Acq On : 20 Dec 2001 8:01 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: LSCINT.P

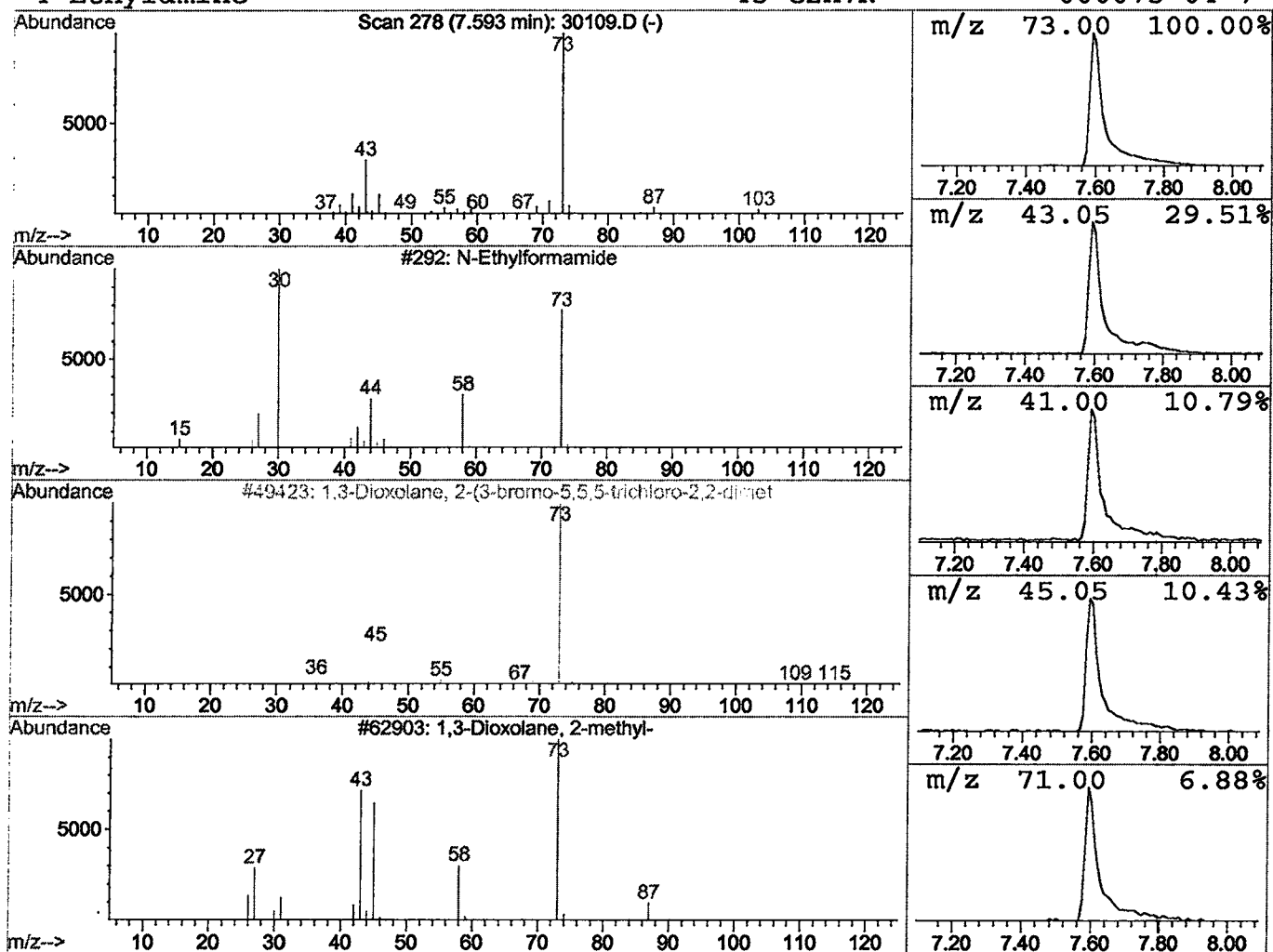
Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	3.91 ug/l	1025160	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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5
4			Ethylamine	45	C2H7N	000075-04-7	4



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 8:01 pm
 Data File: C:\HPCHEM\1\DATA\DEC1901\30109.D
 Name: gc/ms scan 12/12 a
 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	3.9	ug/l	1025160	ISTD01	11.67	5240330	20.0

30109.D GCMS1126.M Wed Jan 02 09:56:25 2002