User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:14:13

Sample: AD30250
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 13:13 Ended: 1/9/02 13:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD30250 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:14:24

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 8 of the 43 compounds in the LCS Standard were above their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30250.D Vial: 9
Acq On : 22 Dec 2001 2:39 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:25 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	823225	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3167222	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1602989	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2339210m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1462277	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	918894	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	138883	4.10	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 82.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.21	74	173	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	15.32	128	864	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	21.11	165	310	N.D.		
25) Diethylphthalate	22.13	149	385	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

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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	24.98	178	652	N.D.	
34)	Anthracene	24.98	178	652	N.D.	
35)	Di-n-butylphthalate	27.02	149	8168	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	3815	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5566	N.D.	
43)	Chrysene	33.00	228	3815	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	37.10	252	3573	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.	

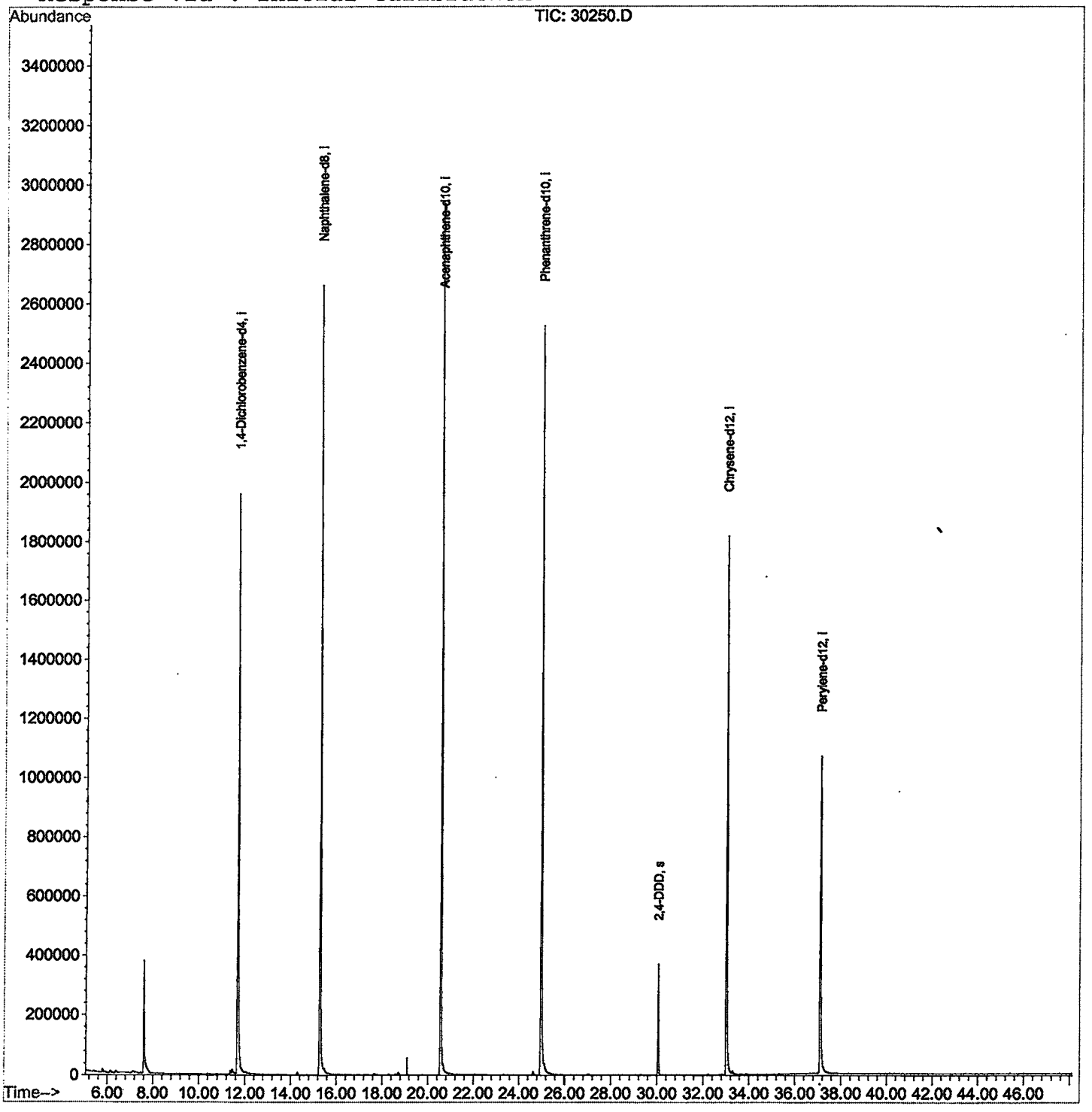
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30250.D
Acq On : 22 Dec 2001 2:39 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:25 2001

Vial: 9
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\DEC2101\30250.D Vial: 9
Acq On : 22 Dec 2001 2:39 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a 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

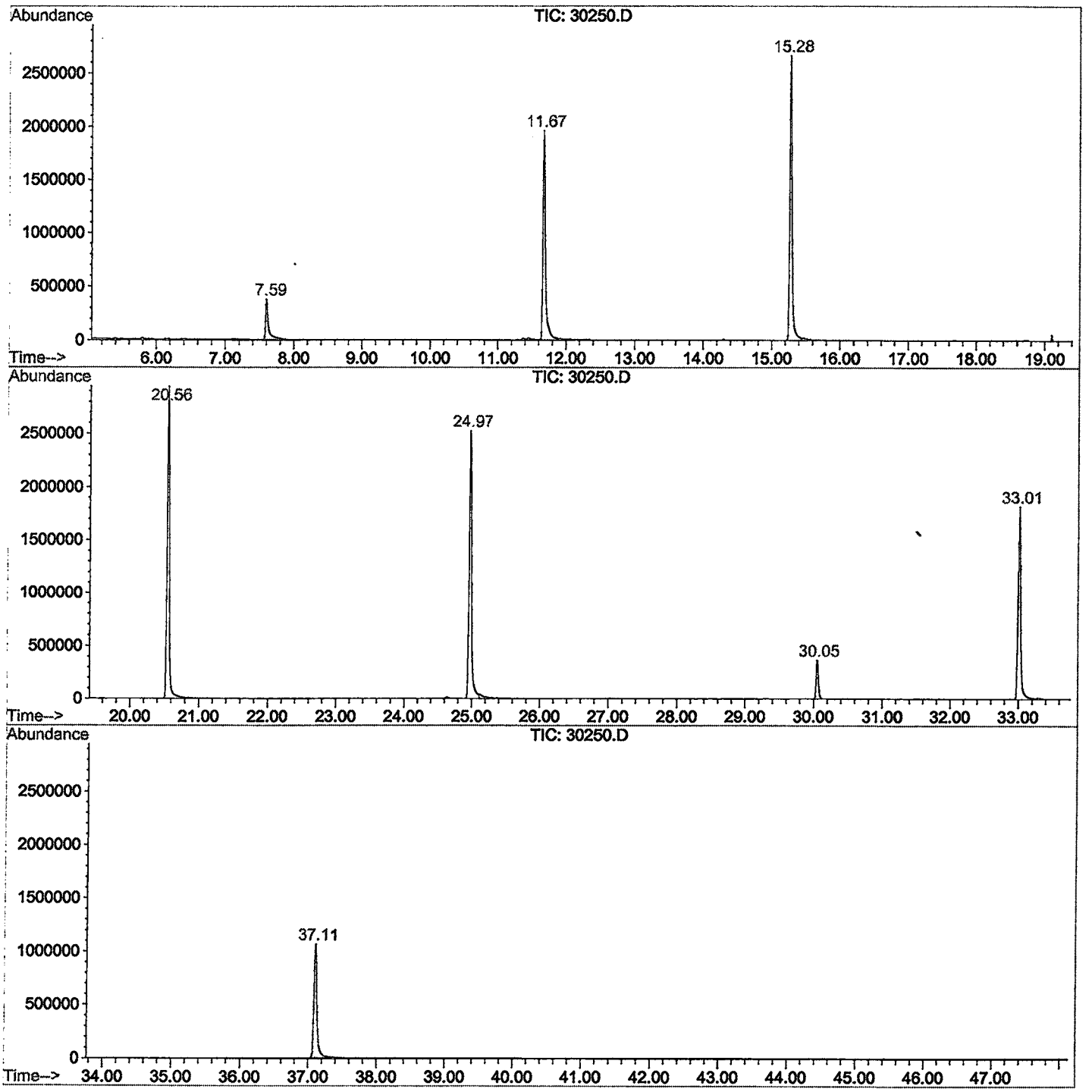
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.593	274	278	312	rVB	376463	1112600	16.32%	3.258%
2	11.669	717	722	746	rBV	1957969	4944320	72.51%	14.479%
3	15.277	1109	1115	1133	rBV	2661483	6190619	90.79%	18.129%
4	20.556	1683	1690	1711	rBV	2946298	6818754	100.00%	19.969%
5	24.971	2165	2171	2186	rBV2	2525567	6261230	91.82%	18.336%
6	30.048	2718	2724	2737	rBV	369575	829271	12.16%	2.429%
7	33.013	3040	3047	3073	rBV	1817414	4642228	68.08%	13.595%
8	37.108	3485	3493	3519	rBV	1063922	3348181	49.10%	9.805%

Sum of corrected areas: 34147203

30250.D GCMS1126.M Wed Jan 02 10:14:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30250.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 2:39 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



30250.D GCMS1126.M Wed Jan 02 10:14:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30250.D
Acq On : 22 Dec 2001 2:39 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

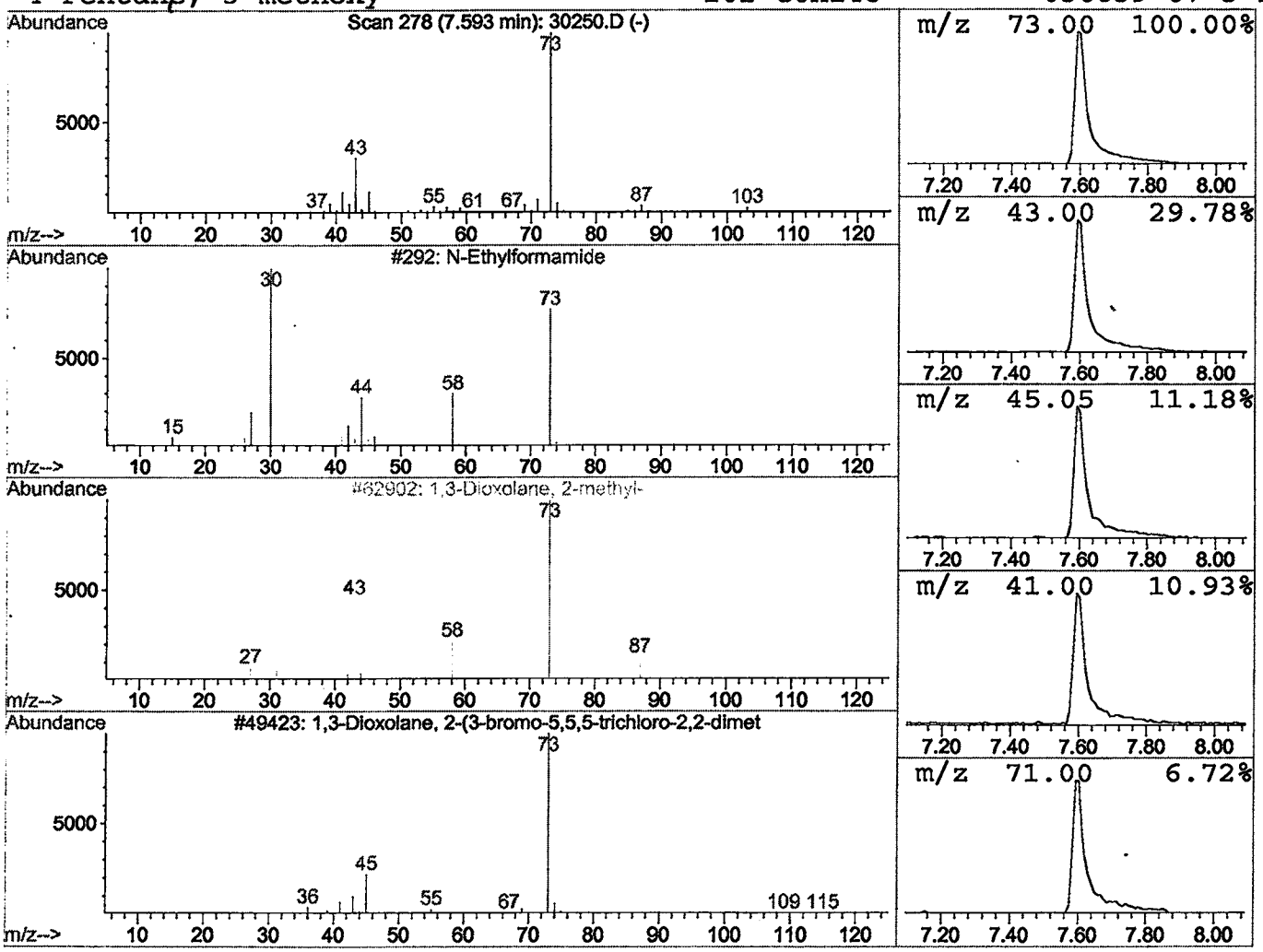
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.50 ug/l	1112600	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 22 Dec 2001 2:39 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\30250.D
Name: gc/ms scan 12/13a
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	4.5	ug/l	1112600	ISTD01	11.67	4944320	20.0

30250.D GCMS1126.M Wed Jan 02 10:14:29 2002