Comments for Sample AD25946 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:49:52

A scan of the extract prepared for the 508 analysis, from 35 to 550 amu using a mass spectrometer, does not reveal the presence of non-target compounds, except for 1,1,2,2-Tetrachloroethane at an estimated level of 0.57 ug/L, and with a fit of 80 out of 100. The Field Blank for this sample shows no contamination.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\25946.D Vial: 25
Acq On : 1 Jan 2002 10:15 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 14:41 2002 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 28 15:11:00 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	866694	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3405092	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1752328	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2426945m	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1518340	20.00	ug/l	0.00
44) Perylene-d12	37.11	264	838643	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	114592	4.29	ug/mL	0.00
Spiked Amount 5.000			Recovery = 85.80%			
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	13.34	77	105	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	787	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	21.21	165	219	N.D.		
25) Diethylphthalate	0.00	149	0	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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Last Update : Fri Dec 28 15:11:00 2001
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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	24.99	178	646	N.D.	
34)	Anthracene	24.99	178	646	N.D.	
35)	Di-n-butylphthalate	27.05	149	3571	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.55	149	286	N.D.	
41)	Benzo(a)anthracene	33.02	228	3585	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	7260	N.D.	
43)	Chrysene	33.02	228	3585	N.D.	
45)	Di-n-Octylphthalate	35.05	149	176	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	37.12	252	2941	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.	

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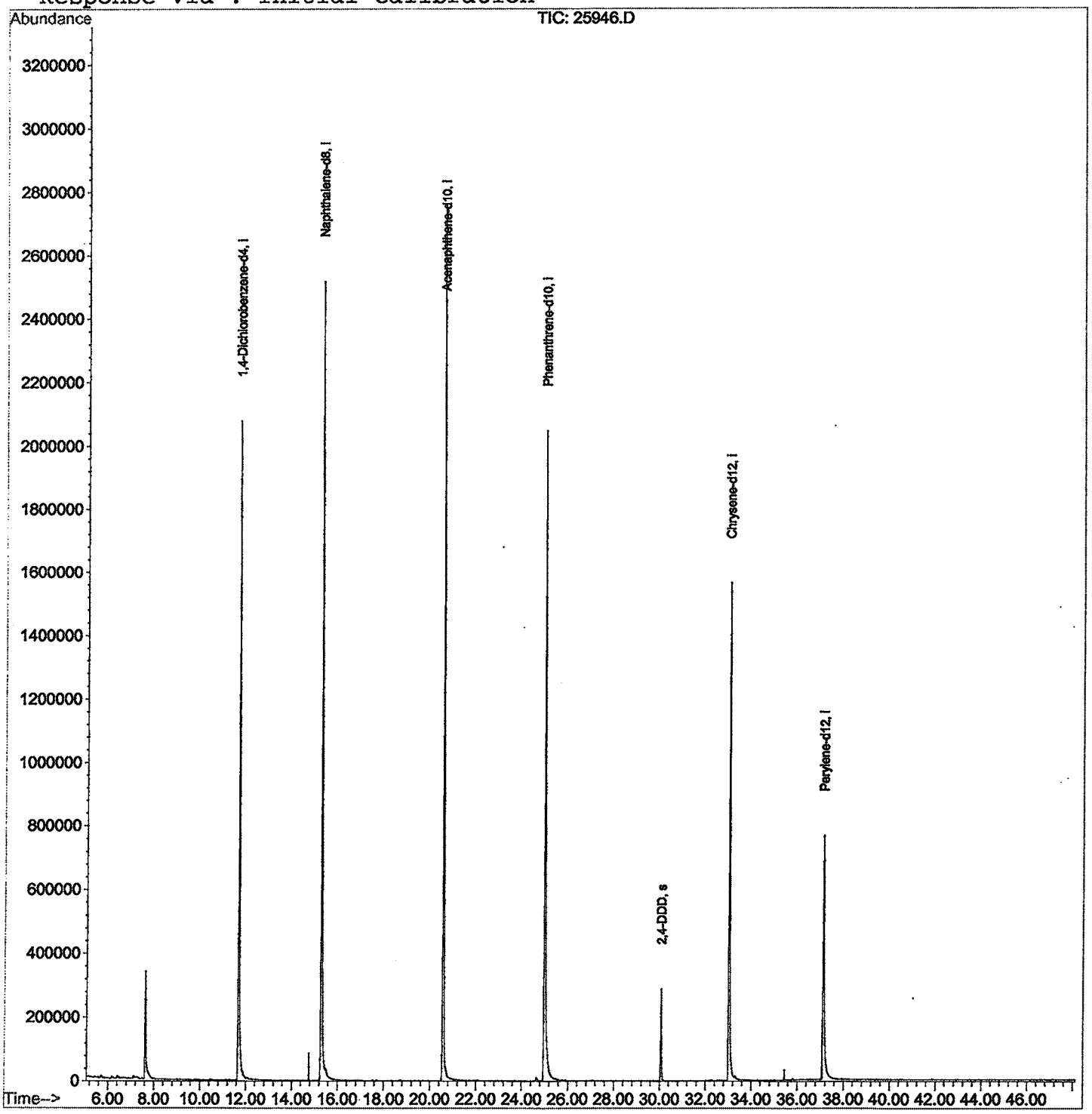
Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\25946.D Vial: 25
Acq On : 1 Jan 2002 10:15 am Operator: 209 GALOS
Sample : gcms scan 12/14a 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

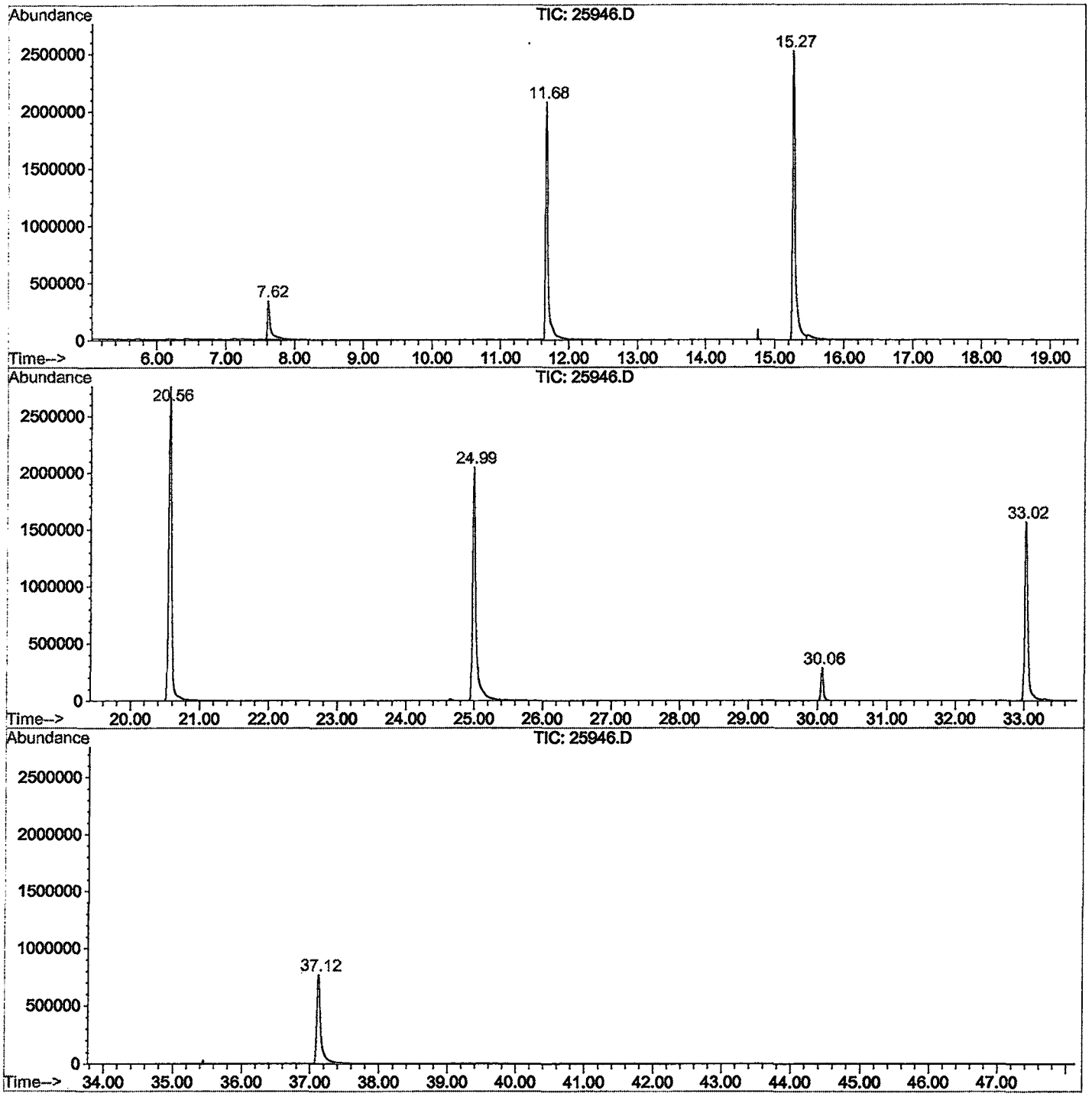
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.618	276	280	314	rBV	337042	1024924	13.99%	2.843%
2	11.676	717	722	757	rBV	2077058	5426171	74.08%	15.052%
3	15.275	1109	1114	1135	rBV	2519057	6729507	91.88%	18.668%
4	20.562	1683	1690	1717	rBV	2763554	7324271	100.00%	20.318%
5	24.987	2165	2172	2209	rBV2	2048448	6918637	94.46%	19.192%
6	30.064	2720	2725	2738	rBV	288260	695206	9.49%	1.929%
7	33.020	3041	3047	3075	rBV2	1565186	4884427	66.69%	13.549%
8	37.124	3485	3494	3520	rBV	764272	3045759	41.58%	8.449%

Sum of corrected areas: 36048902

25946.D GCMS1126.M Tue Jan 15 14:46:30 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\25946.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 10:15 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14a
Misc Info :
Vial Number: 25
Quant File :GCMS1126.RES (RTE Integrator)



25946.D GCMS1126.M Tue Jan 15 14:46:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\25946.D
Acq On : 1 Jan 2002 10:15 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 25
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

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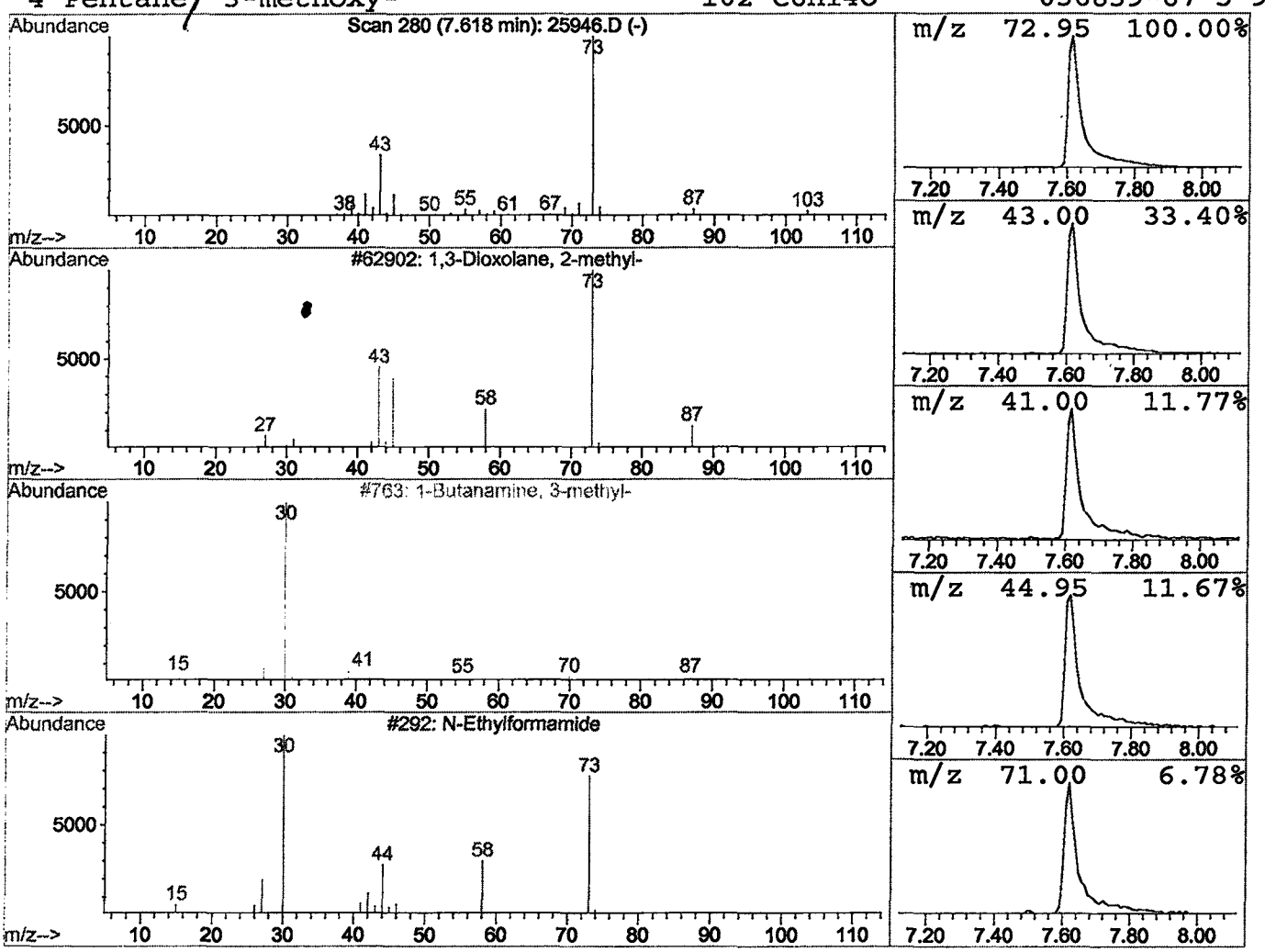
Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.78 ug/l	1024920	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 10:15 am
Data File: C:\HPCHEM\1\DATA\DEC3101\25946.D
Name: gcms scan 12/14a
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
1,3-~~Dioxolane,~~ 2-met	7.62	3.8	ug/l	1024920	ISTD01	11.68	5426170	20.0

25946.D GCMS1126.M Tue Jan 15 14:46:46 2002