User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:23:56

Sample: AD30022
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 16:23 Ended: 1/9/02 16:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AD30022 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vincl, David L
Date: 01-09-2002 Time: 16:23:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\30022.D Vial: 8
Acq On : 20 Dec 2001 6:18 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 15:52 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	889792	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3459191	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1722584	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2450777m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1583315	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1042504	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	141545	3.99	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 79.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.14	74	680	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	15.33	128	805	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	20.94	165	718	N.D.		
25) Diethylphthalate	22.12	149	1431	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\DEC1901\30022.D Vial: 8
Acq On : 20 Dec 2001 6:18 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 15:52 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

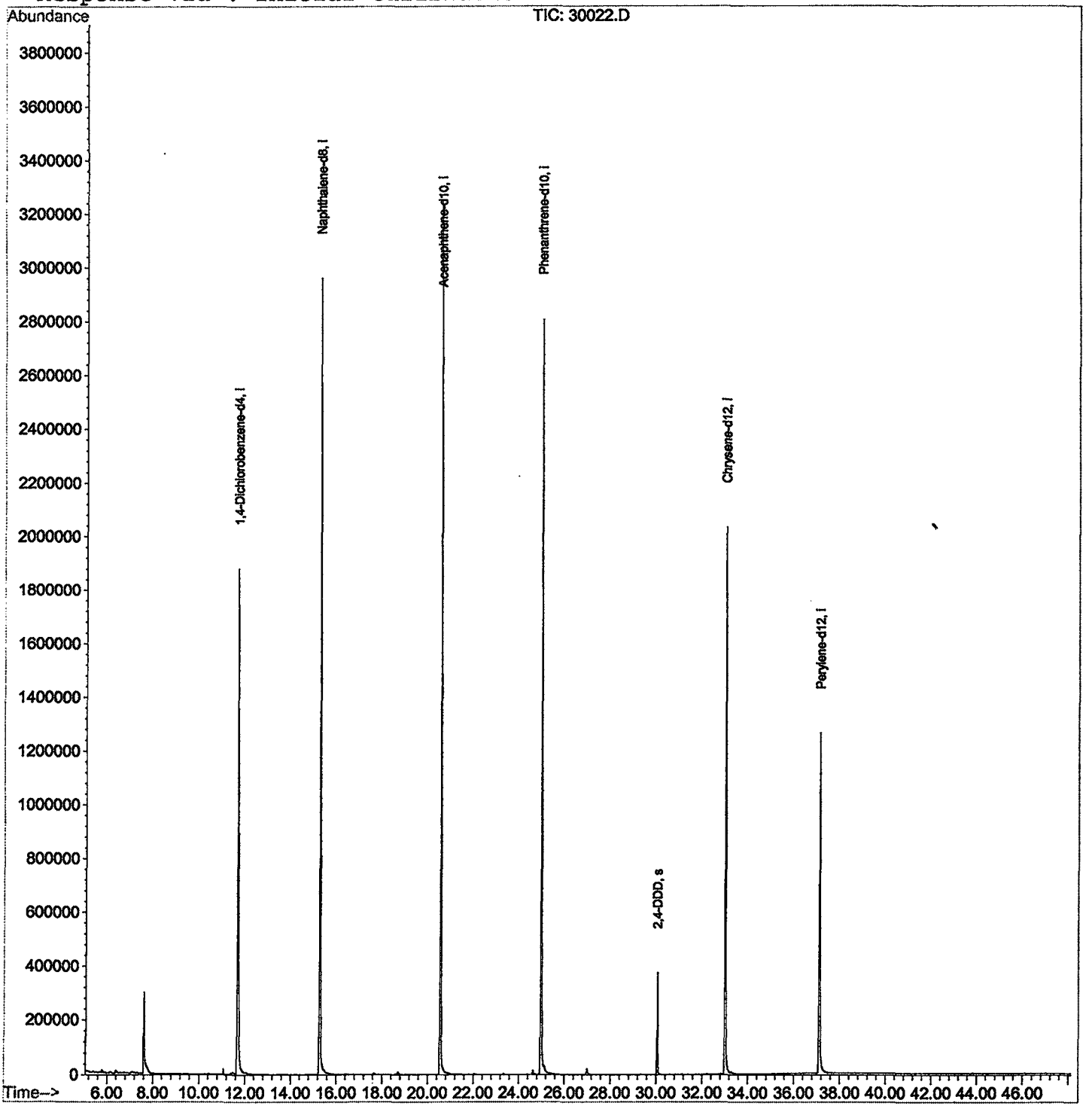
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	750	N.D.	
34)	Anthracene	24.98	178	750	N.D.	
35)	Di-n-butylphthalate	27.00	149	35854	N.D.	
36)	Fluoranthene	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	3896	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5294	N.D.	
43)	Chrysene	33.01	228	3896	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	37.11	252	4042	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\DEC1901\30022.D Vial: 8
Acq On : 20 Dec 2001 6:18 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 15:52 2001 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\30022.D Vial: 8
Acq On : 20 Dec 2001 6:18 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 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

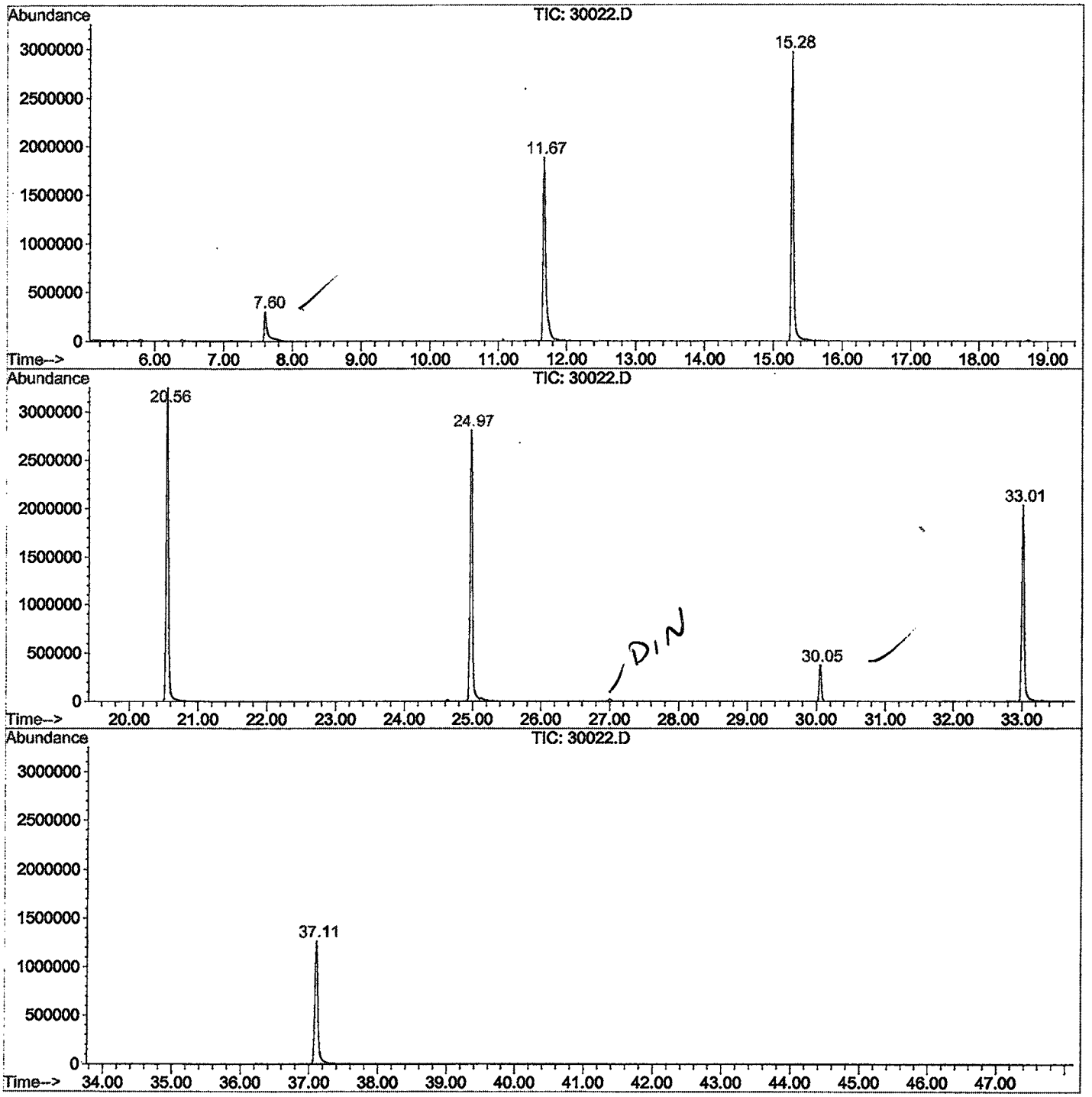
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	314	rBV	298327	987490	13.47%	2.704%
2	11.670	717	722	748	rBV	1877111	5210369	71.06%	14.269%
3	15.278	1109	1115	1134	rBV	2960720	6702926	91.42%	18.357%
4	20.556	1683	1690	1717	rBV	3251420	7331887	100.00%	20.079%
5	24.972	2165	2171	2185	rBV2	2807616	6616673	90.25%	18.121%
6	30.049	2719	2724	2735	rBV	373656	828702	11.30%	2.269%
7	33.014	3040	3047	3066	rBV2	2032925	5025392	68.54%	13.763%
8	37.109	3485	3493	3517	rBV	1260142	3811365	51.98%	10.438%

Sum of corrected areas: 36514804

30022.D GCMS1126.M Wed Jan 02 16:04:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30022.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 6:18 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12
Misc Info :
Vial Number: 8
Quant File :GCMS1126.RES (RTE Integrator)



30022.D GCMS1126.M Wed Jan 02 16:04:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30022.D Vial: 8
Acq On : 20 Dec 2001 6:18 am Operator: 209 GALOS
Sample : gc/ms scan 12/12 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

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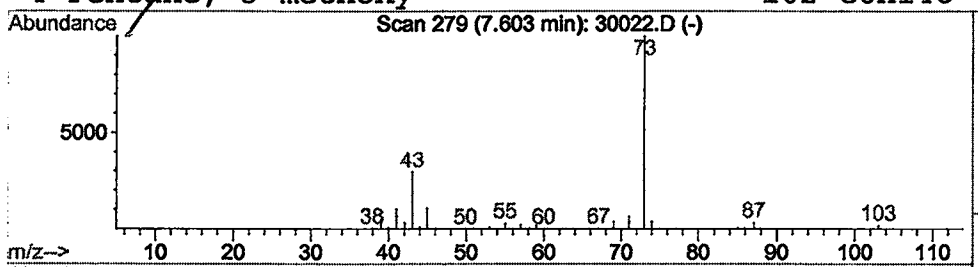
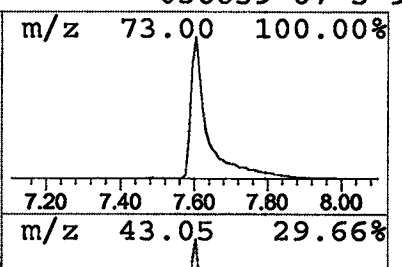
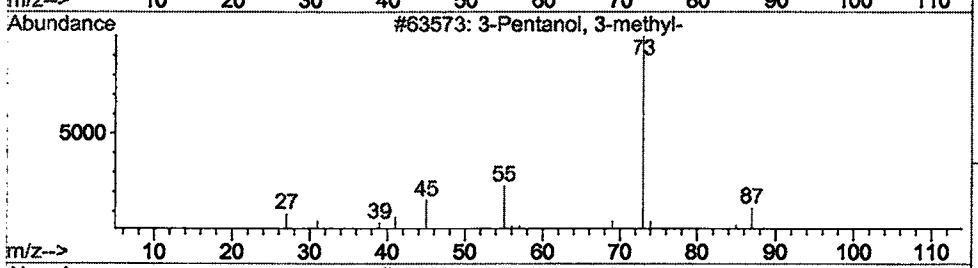
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

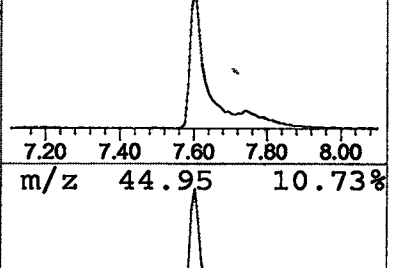
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.79 ug/l	987490	1,4-Dichlorobenzene-d4	11.67

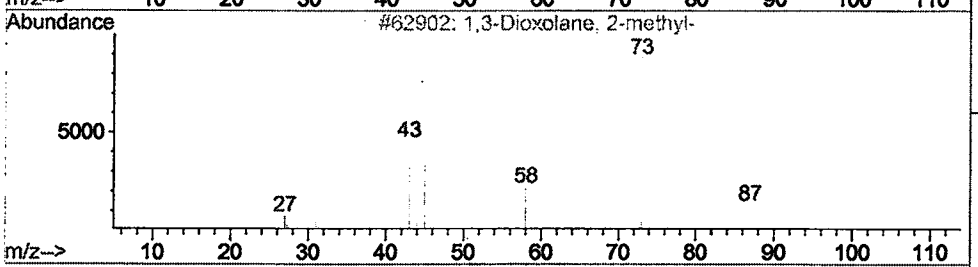
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9

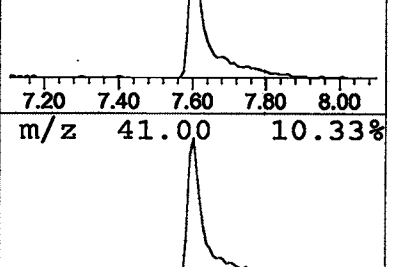


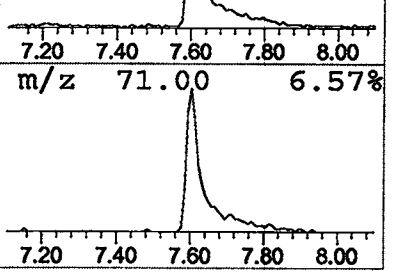


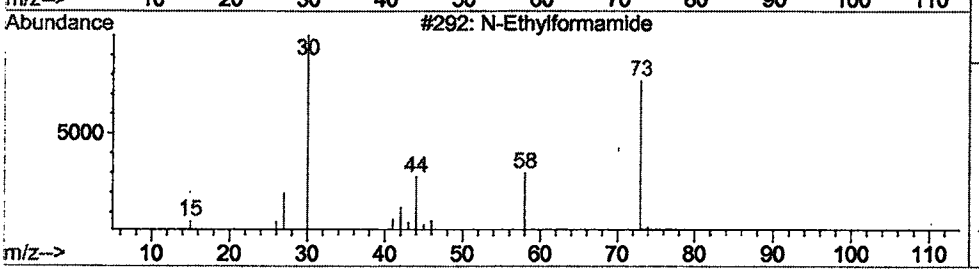












Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 6:18 am
Data File: C:\HPCHEM\1\DATA\DEC1901\30022.D
Name: gc/ms scan 12/12
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
3-Pentanol, 3-methyl	7.60	3.8	ug/l	987490	ISTD01	11.67	5210370	20.0

30022.D GCMS1126.M Wed Jan 02 16:05:03 2002