

Comments for Sample AD31434 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:35:06

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

The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges. This sample is the Field Blank.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31434.D

Vial: 21

Acq On : 17 Jan 2002 7:11 am

Operator: 209 GALOS

Sample : gc/ms scan 12/28

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 7 11:49 2002

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon Jan 07 10:31:02 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	778316	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3053275	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1541957	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	2126822	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1302813	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	839588	20.00	ug/l	-0.03

System Monitoring Compounds

37) 2,4-DDD	29.85	235	96942	3.97	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	79.40%	

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	12.86	77	106	N.D.	
12) Isophorone	13.32	82	106	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	15.15	128	1284	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	20.75	165	109	N.D.	
25) Diethylphthalate	21.88	149	1709	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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Quantitation Report

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Vial: 21

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Operator: 209 GALOS

Sample : gc/ms scan 12/28

Inst : GC/MS 209

Misc :

Multiplr: 1.00

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Title : 209 625/TCLP calibration table

Last Update : Mon Jan 07 10:31:02 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

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	24.77	178	1365	N.D.		
34) Anthracene	24.77	178	1365	N.D.		
35) Di-n-butylphthalate	26.80	149	7473	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	32.80	228	3563	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.11	149	14183	N.D.		
43) Chrysene	32.80	228	3563	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	36.87	252	3480	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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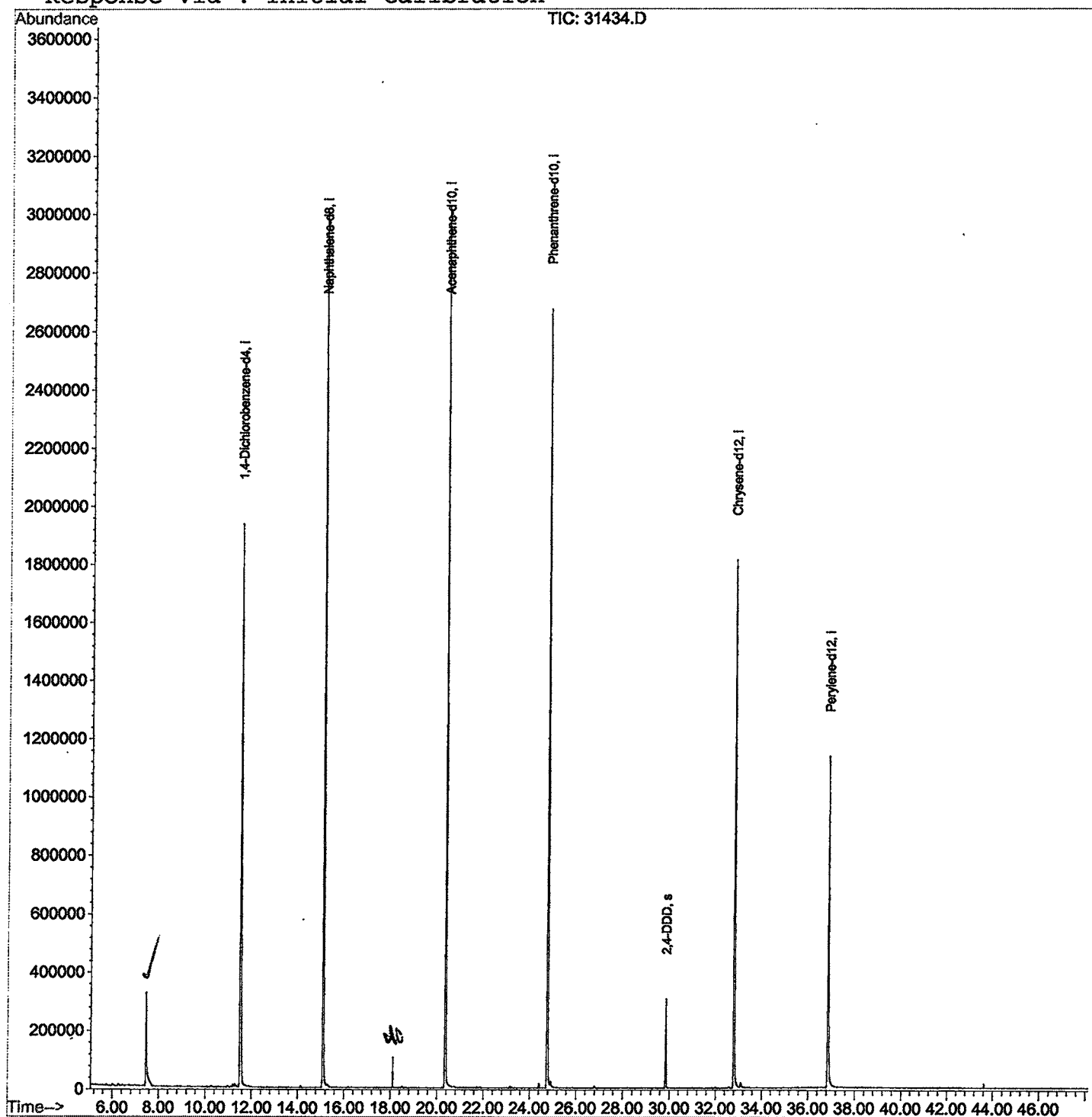
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31434.D
 Acq On : 17 Jan 2002 7:11 am
 Sample : gc/ms scan 12/28
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 7 11:49 2002

Vial: 21
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon Jan 07 10:31:02 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31434.D
 Acq On : 17 Jan 2002 7:11 am
 Sample : gc/ms scan 12/28
 Misc :
 MS Integration Params: LSCINT.P

Vial: 21
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

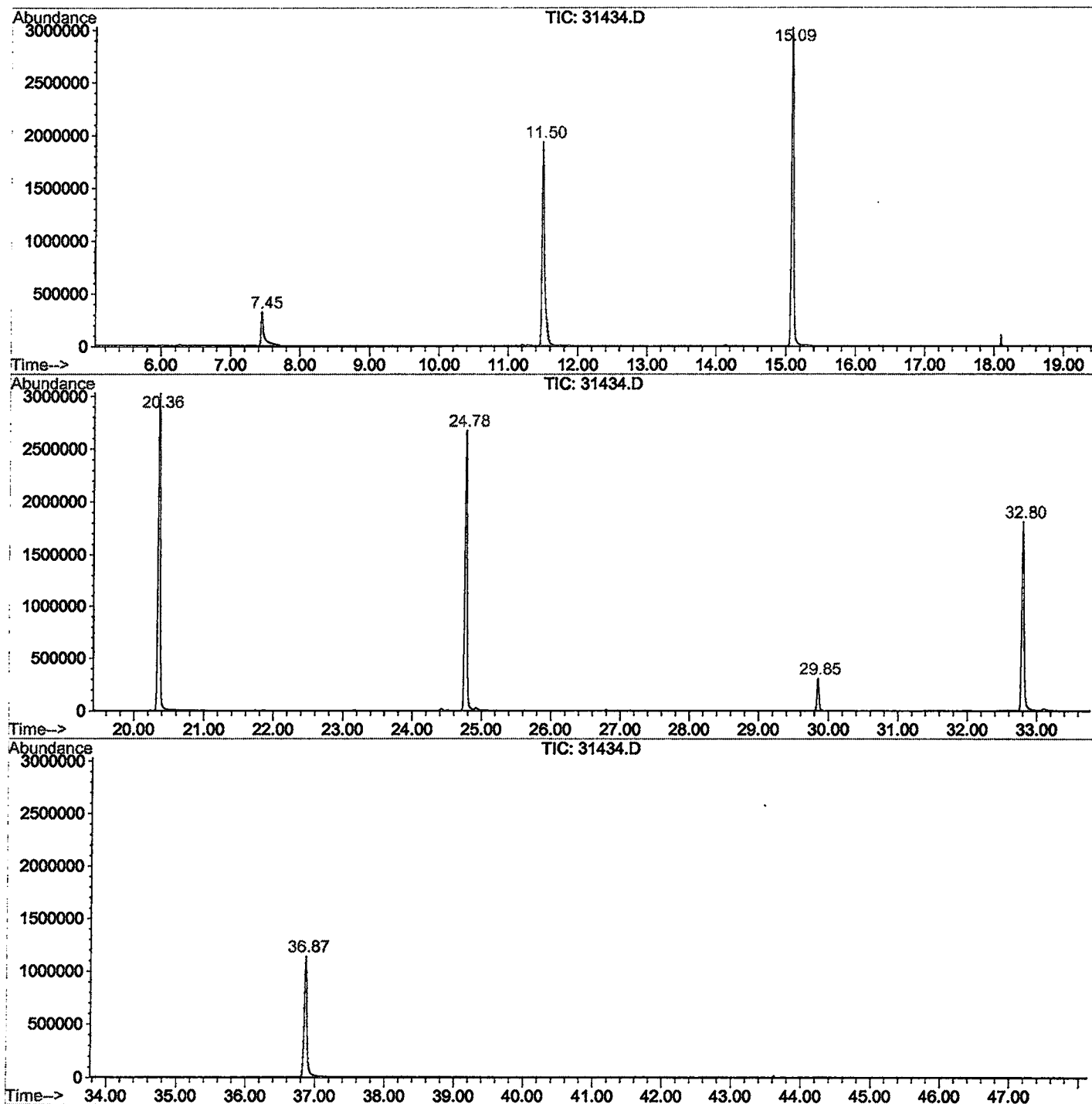
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.452	258	262	291	rBV	318807	1002693	15.50%	3.070%
2	11.500	698	703	728	rBV	1932567	4983178	77.05%	15.258%
3	15.090	1089	1094	1113	rBV	3013279	6268054	96.92%	19.192%
4	20.359	1661	1668	1684	rBV	3025131	6467291	100.00%	19.802%
5	24.775	2142	2149	2162	rBV2	2672159	5997631	92.74%	18.364%
6	29.852	2697	2702	2712	rBV	304752	608013	9.40%	1.862%
7	32.799	3017	3023	3046	rBV2	1809749	4195101	64.87%	12.845%
8	36.866	3458	3466	3486	rBV	1133389	3137093	48.51%	9.606%

Sum of corrected areas: 32659054

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31434.D
 Operator : 209 GALOS
 Acquired : 17 Jan 2002 7:11 am using AcqMethod GCMS0103
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 12/28
 Misc Info :
 Vial Number: 21
 Quant File :GCMS0103.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31434.D
Acq On : 17 Jan 2002 7:11 am
Sample : gc/ms scan 12/28
Misc :
MS Integration Params: LSCINT.P

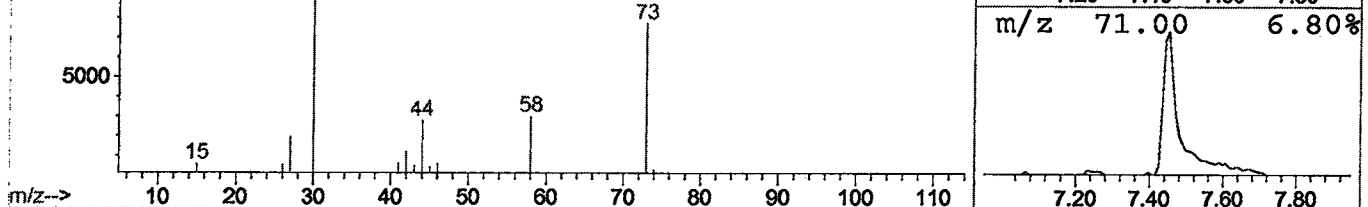
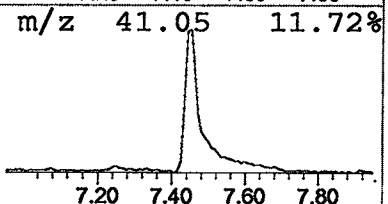
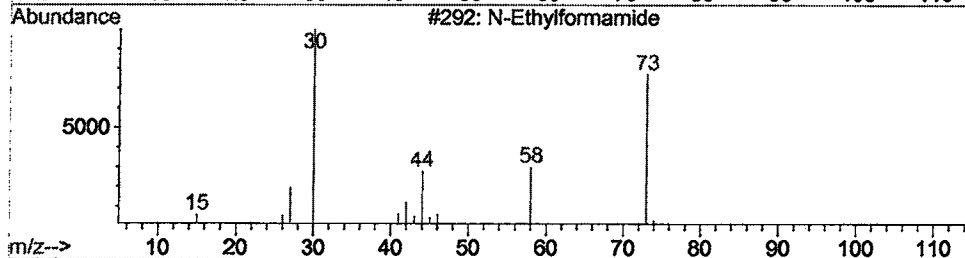
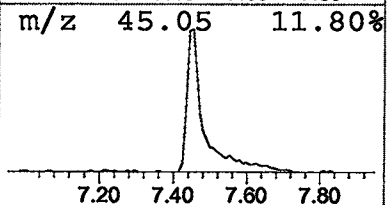
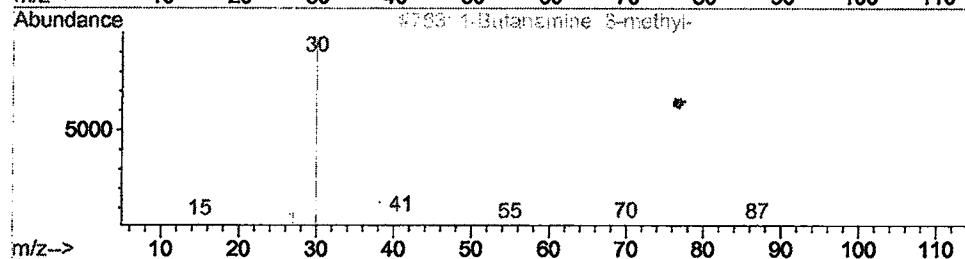
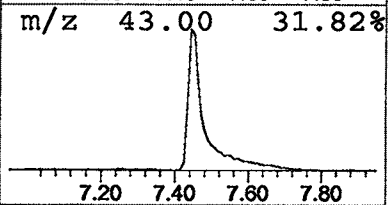
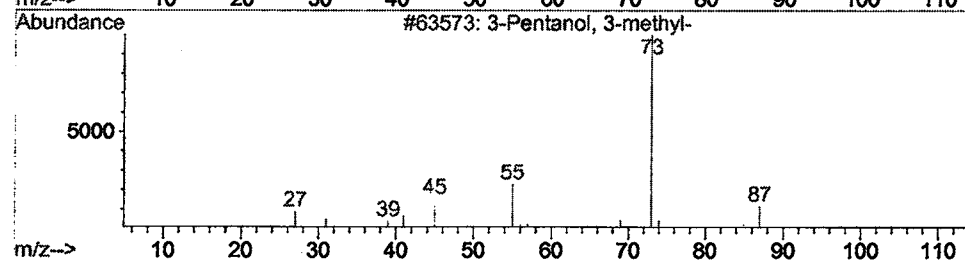
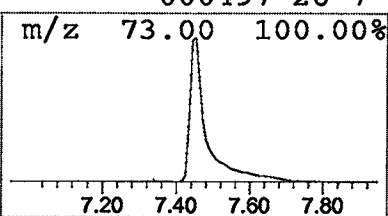
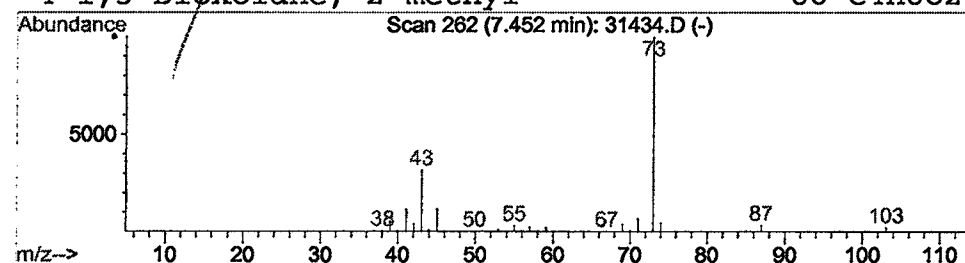
Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	4.02 ug/l	1002690	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 7:11 am
 Data File: C:\HPCHEM\1\DATA\JAN1602\31434.D
 Name: gc/ms scan 12/28
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0103.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	7.45	4.0	ug/l	1002690	ISTD01	11.50	4983180	20.0

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