Quantitation Report (Qedit)

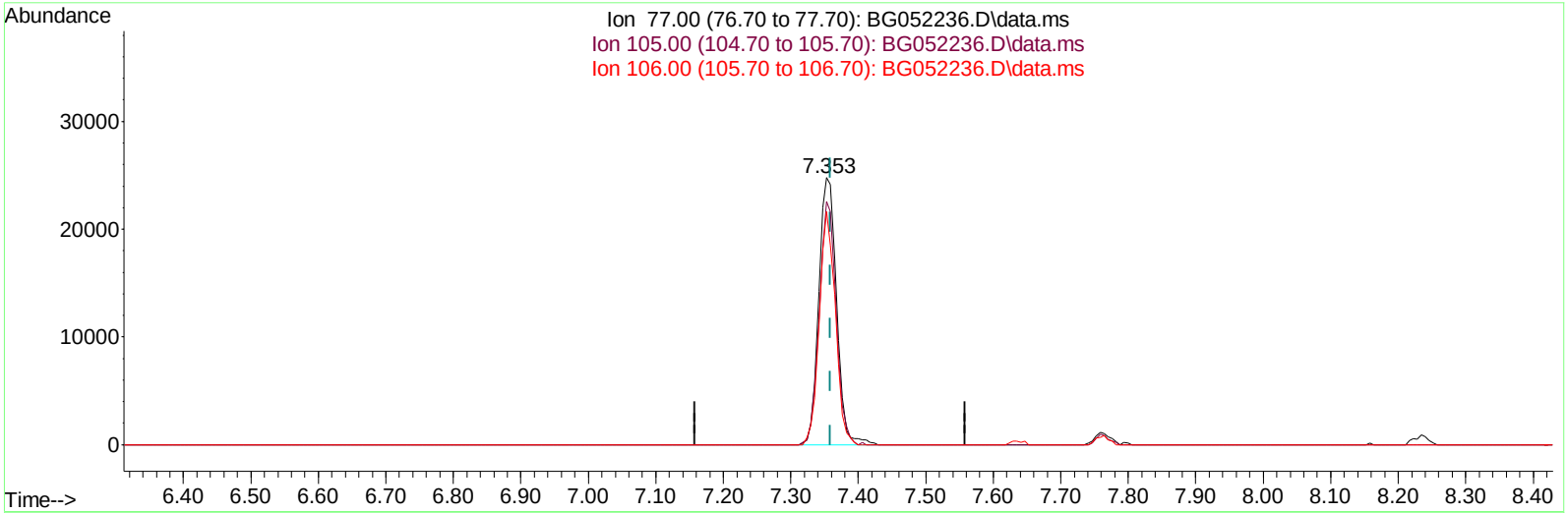
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020122\
Data File : BG052236.D
Acq On : 1 Feb 2022 19:05
Operator : CG/JU
Sample : PB142372BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

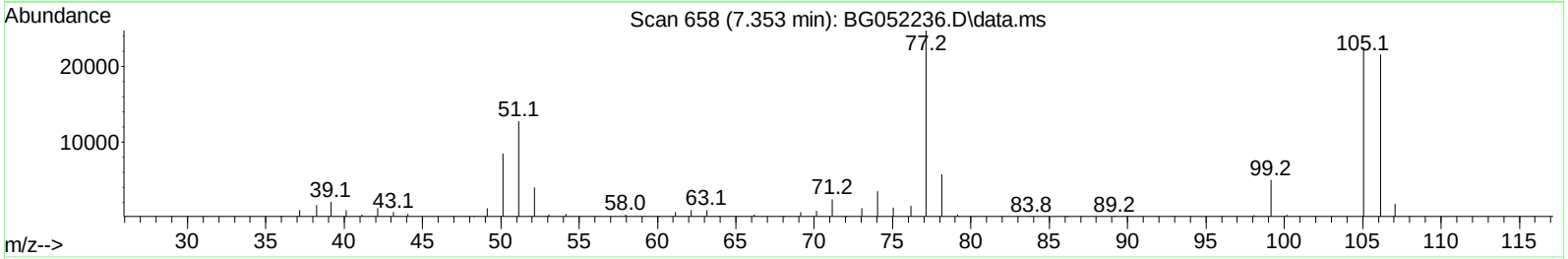
Quant Time: Feb 02 02:47:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

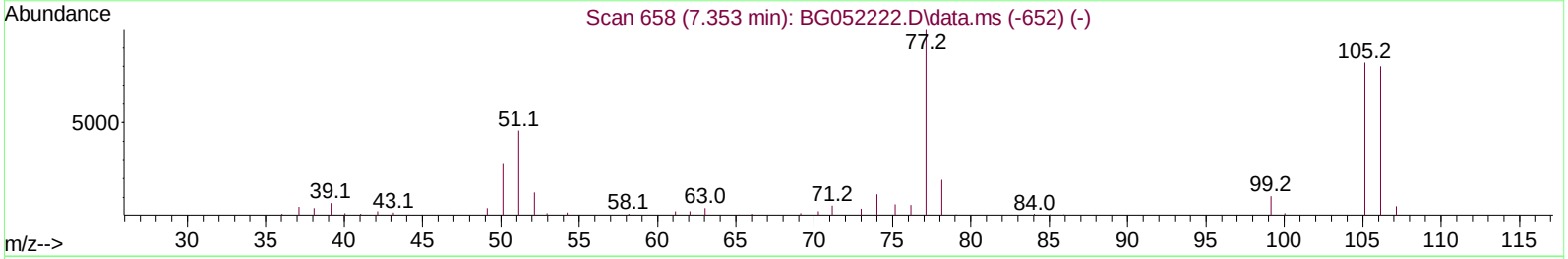
Instrument :
BNA_G
ClientSampleId :
SLCS372

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
Supervised By :mohammad ahmed 02/04/2022







TIC: BG052236.D\data.ms

(6) Benzaldehyde

7.353min (-0.006) 29.23 ng/ul

response 45455

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.09
106.00	76.50	87.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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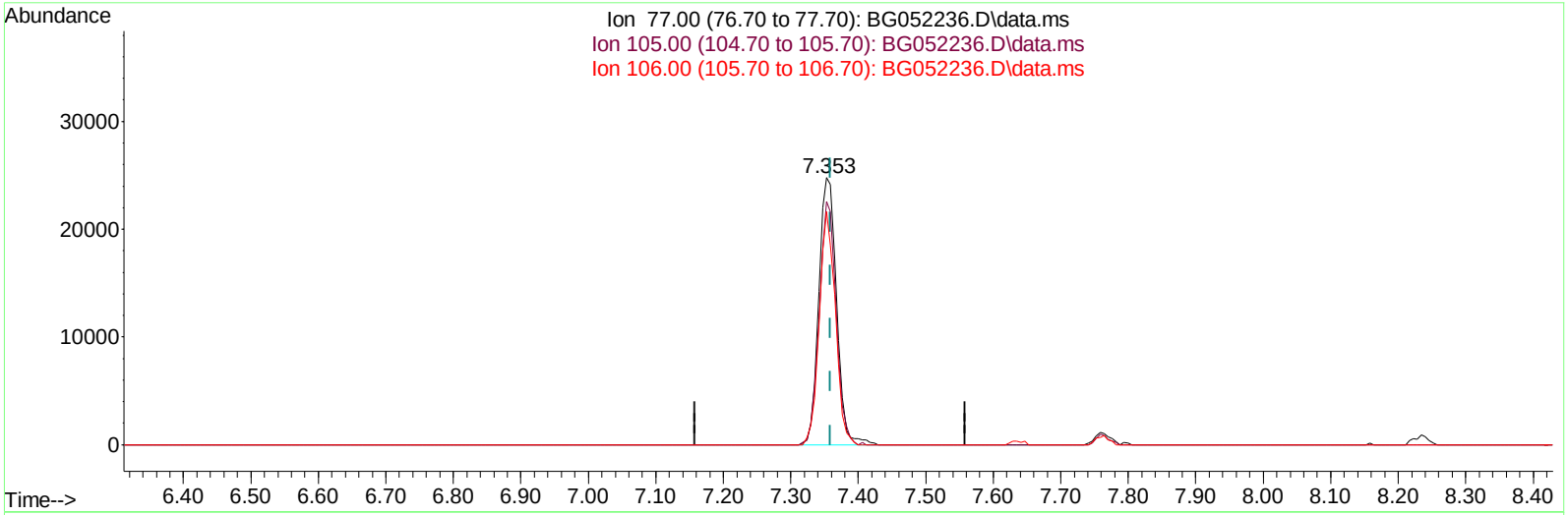

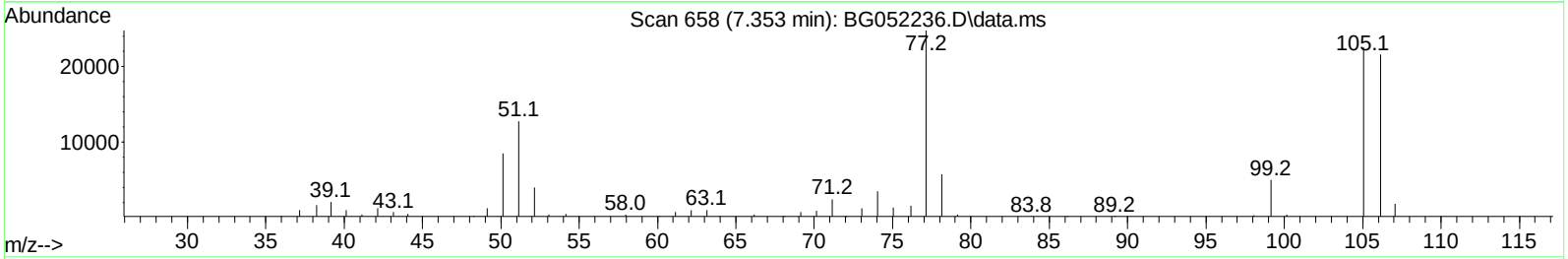

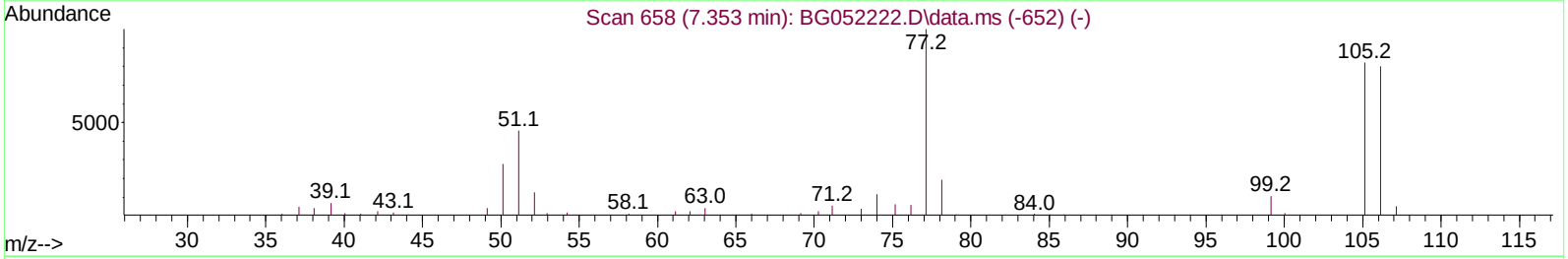

TIC: BG052236.D\data.ms

(6) Benzaldehyde

7.353min (-0.006) 29.23 ng/ul

response 45455

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.09
106.00	76.50	87.27
0.00	0.00	0.00

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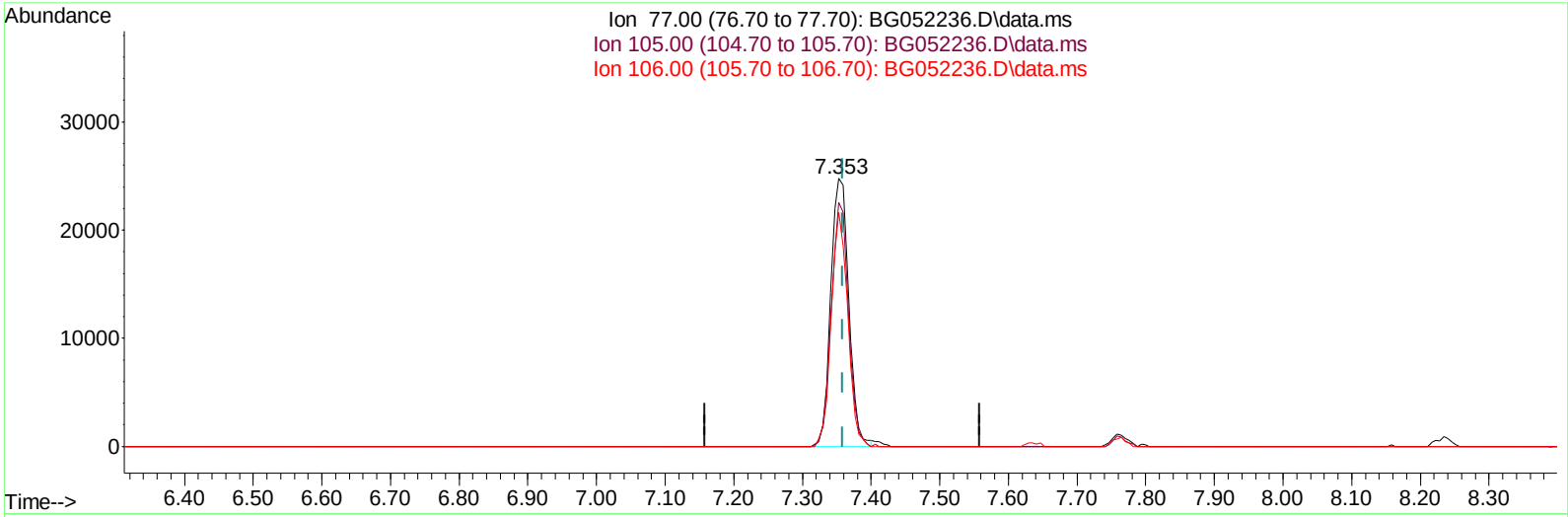

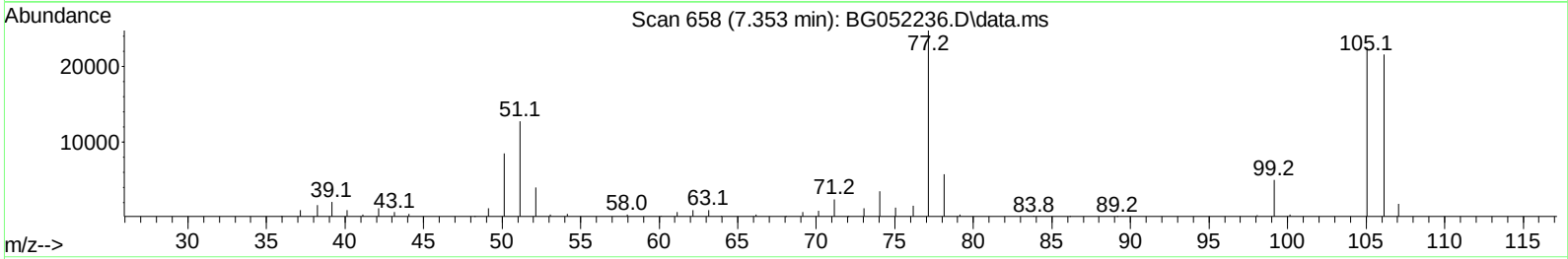

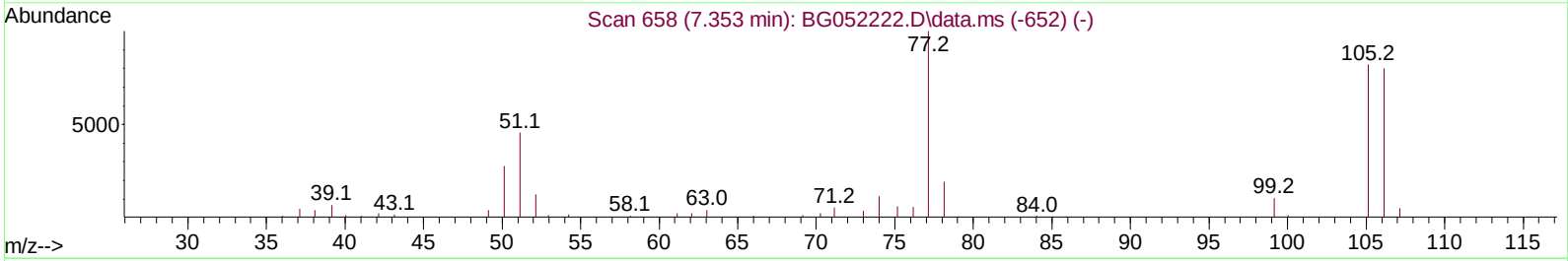

TIC: BG052236.D\data.ms

(6) Benzaldehyde

7.353min (-0.006) 28.94 ng/ul m

response 45008

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	91.09
106.00	76.50	87.27
0.00	0.00	0.00

Quantitation Report (Qedit)

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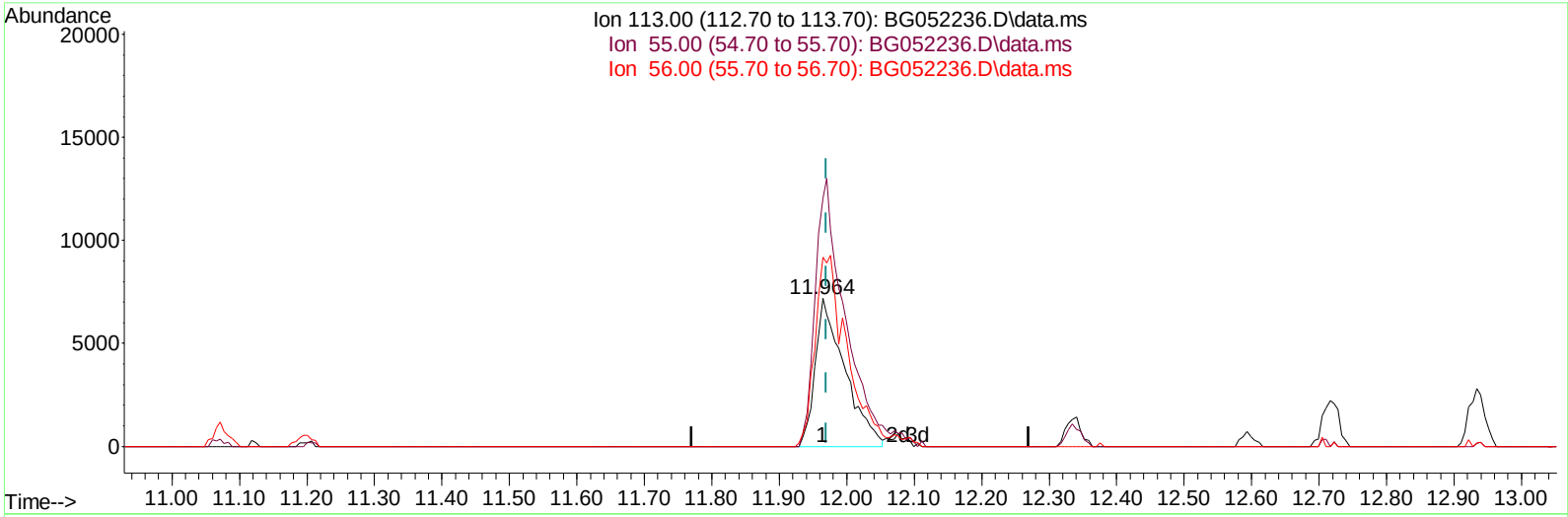

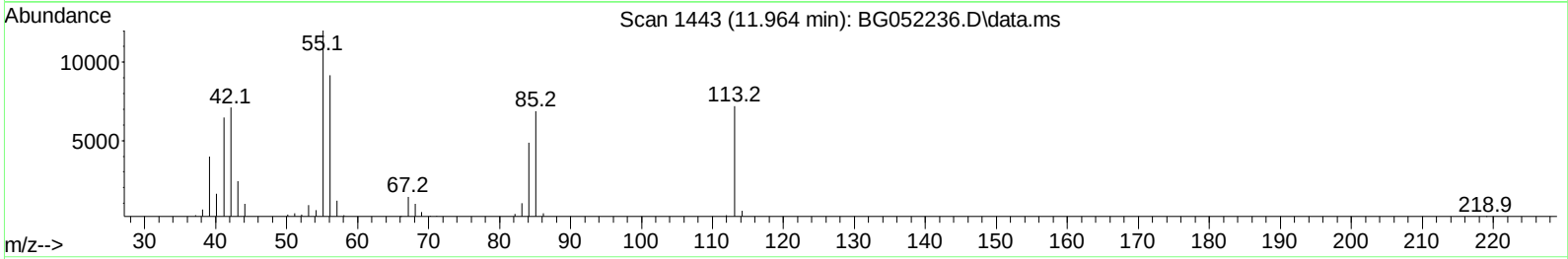

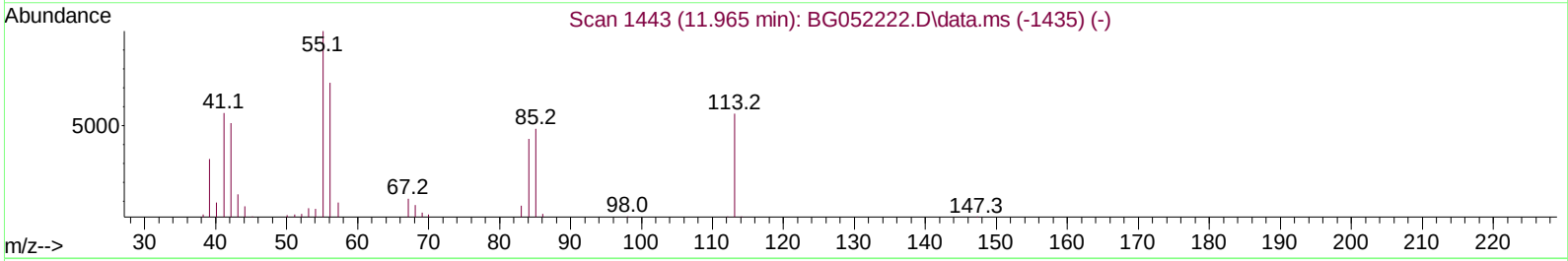

TIC: BG052236.D\data.ms

(34) Caprolactam

11.964min (-0.006) 32.65 ng/ul

response 21863

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	167.29
56.00	136.50	127.60
0.00	0.00	0.00

Quantitation Report (Qedit)

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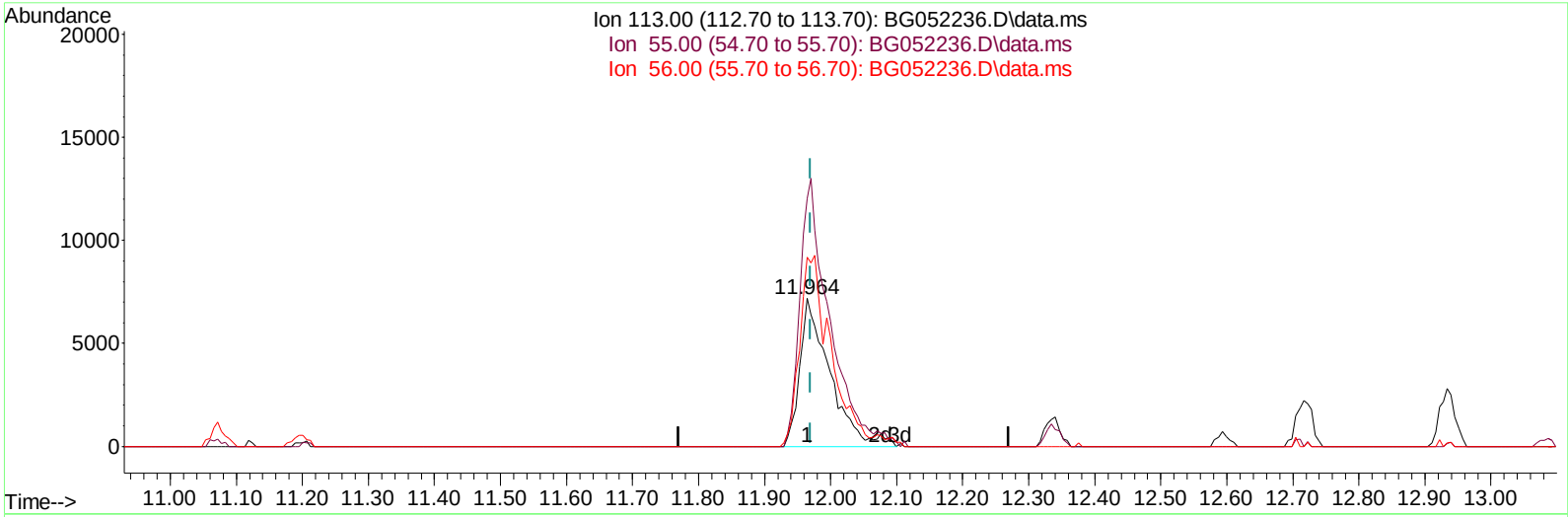

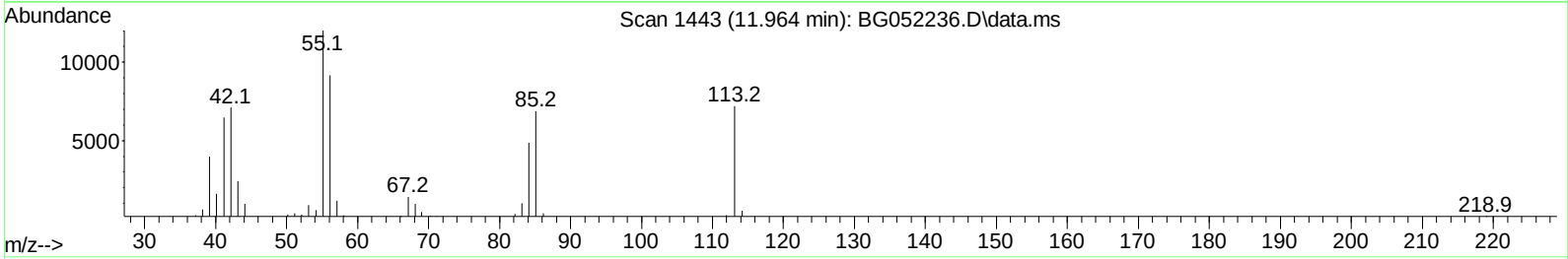

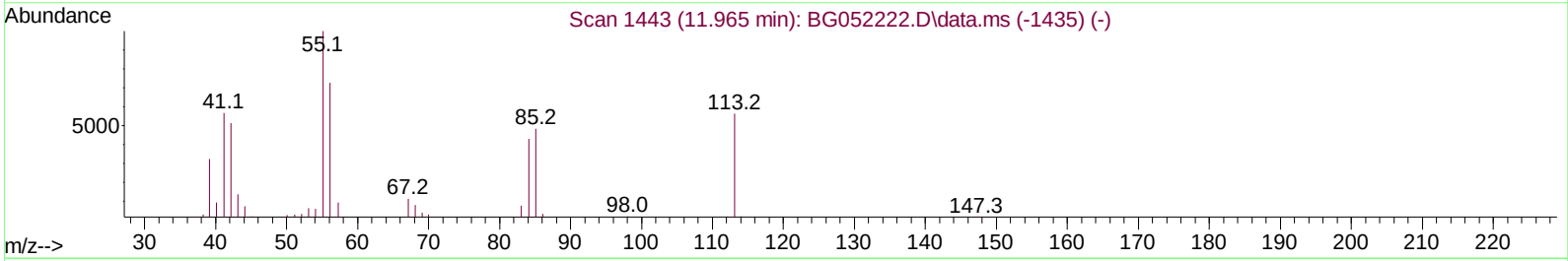

TIC: BG052236.D\data.ms

(34) Caprolactam

11.964min (-0.006) 34.12 ng/ul m

response 22842

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	167.29
56.00	136.50	127.60
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	30161	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	123118	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.878	164	86249	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.627	188	205067	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.939	240	196648	20.000	ng/ul	# 0.00
88) Perylene-d12	25.411	264	203180	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.558	96	3887	5.199	ng/uL	0.00
4) Pyridine-d5	3.987	84	58866	25.315	ng/ul	0.00
7) Phenol-d5	7.377	99	76101	27.739	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.535	67	47503	28.501	ng/ul	0.00
11) 2-Chlorophenol-d4	7.764	132	54317	28.412	ng/ul	0.00
15) 4-Methylphenol-d8	8.939	113	59720	28.685	ng/ul	0.00
21) Nitrobenzene-d5	9.409	128	28676	28.605	ng/ul	0.00
24) 2-Nitrophenol-d4	10.132	143	31361	28.629	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.690	165	60971	28.551	ng/ul	0.00
31) 4-Chloroaniline-d4	11.195	131	76706	28.317	ng/ul	0.00
46) Dimethylphthalate-d6	14.267	166	222814	32.866	ng/ul	0.00
49) Acenaphthylene-d8	14.573	160	260038	30.773	ng/ul	0.00
54) 4-Nitrophenol-d4	15.060	143	34767	33.861	ng/ul	0.00
60) Fluorene-d10	15.865	176	191958	32.319	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.977	200	41238	32.573	ng/ul	0.00
73) Anthracene-d10	17.727	188	318754	32.971	ng/ul	0.00
81) Pyrene-d10	20.001	212	387009	32.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.176	264	374295	34.676	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.599	88	8338	10.006	ng/uL#	92
5) Pyridine	4.005	79	59434	24.406	ng/ul	98
6) Benzaldehyde	7.353	77	45008m	28.938	ng/ul	
8) Phenol	7.406	94	75931	27.617	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.635	93	56381	27.137	ng/ul	98
12) 2-Chlorophenol	7.794	128	54520	27.626	ng/ul	97
13) 2-Methylphenol	8.675	108	55860	26.997	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.751	45	80487	27.123	ng/ul	97
16) Acetophenone	9.062	105	88056	27.274	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.039	70	53245	27.494	ng/ul	99
18) 4-Methylphenol	9.004	108	58884	27.012	ng/ul	99
19) Hexachloroethane	9.333	117	22817	26.847	ng/ul	91
22) Nitrobenzene	9.450	77	76358	27.309	ng/ul#	98
23) Isophorone	9.973	82	146963	28.405	ng/ul	98
25) 2-Nitrophenol	10.167	139	33417	27.904	ng/ul	98
26) 2,4-Dimethylphenol	10.220	107	66299	26.849	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.455	93	76906	27.716	ng/ul	97
29) 2,4-Dichlorophenol	10.713	162	56954	27.589	ng/ul	90
30) Naphthalene	11.124	128	186299	27.674	ng/ul	96
32) 4-Chloroaniline	11.224	127	74206	26.570	ng/ul	98
33) Hexachlorobutadiene	11.406	225	45961	27.293	ng/ul	97
34) Caprolactam	11.964	113	22842m	34.116	ng/ul	
35) 4-Chloro-3-methylphenol	12.335	107	67982	30.532	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.716	142	131985	27.940	ng/ul	100
37) 1-Methylnaphthalene	12.934	142	137077	28.206	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.081	216	87173	28.079	ng/ul	97
40) Hexachlorocyclopentadiene	13.063	237	42340	23.890	ng/ul	99
41) 2,4,6-Trichlorophenol	13.316	196	55376	29.874	ng/ul	98
42) 2,4,5-Trichlorophenol	13.392	196	61024	30.565	ng/ul	97
43) 1,1'-Biphenyl	13.709	154	193785	28.660	ng/ul	96
44) 2-Chloronaphthalene	13.756	162	148198	28.646	ng/ul	99
45) 2-Nitroaniline	13.950	65	54472	31.271	ng/ul	97
47) Dimethylphthalate	14.314	163	208102	31.669	ng/ul	100
48) 2,6-Dinitrotoluene	14.438	165	43140	30.432	ng/ul	96
50) Acenaphthylene	14.602	152	247735	29.249	ng/ul	97
51) 3-Nitroaniline	14.767	138	40534	33.413	ng/ul	92
52) Acenaphthene	14.943	153	163738	29.489	ng/ul	97
53) 2,4-Dinitrophenol	14.978	184	22303	30.298	ng/ul	89
55) 4-Nitrophenol	15.072	109	35505	32.991	ng/ul	81
56) Dibenzofuran	15.278	168	240755	29.947	ng/ul	98
57) 2,4-Dinitrotoluene	15.225	165	65951	32.453	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.501	232	55248	31.612	ng/ul	92
59) Diethylphthalate	15.671	149	219958	33.011	ng/ul	99
61) Fluorene	15.924	166	202496	30.354	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.906	204	114012	31.075	ng/ul	92
63) 4-Nitroaniline	15.930	138	42633	36.217	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.994	198	38687	32.085	ng/ul#	93
67) N-Nitrosodiphenylamine	16.118	169	180781	32.156	ng/ul	95
68) 4-Bromophenyl-phenylether	16.805	248	79866	32.262	ng/ul#	86
69) Hexachlorobenzene	16.934	284	89087	32.022	ng/ul#	89
70) Atrazine	17.058	200	75077	30.270	ng/ul	95
71) Pentachlorophenol	17.275	266	41194	30.881	ng/ul	95
72) Phenanthrene	17.668	178	346075	32.034	ng/ul	99
74) Anthracene	17.762	178	337182	31.623	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.686	216	91290	26.665	ng/uL	97
76) Pentachlorobenzene	15.195	250	98485	31.183	ng/uL	99
77) Carbazole	18.027	167	308292	33.173	ng/ul	98
78) Di-n-butylphthalate	18.567	149	361636	32.443	ng/ul	99
80) Fluoranthene	19.672	202	438606	31.603	ng/ul#	90
82) Pyrene	20.030	202	431662	31.770	ng/ul#	90
83) Butylbenzylphthalate	20.899	149	152266	32.036	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.822	252	143824	34.156	ng/ul#	96
85) Benzo(a)anthracene	21.922	228	432906	32.731	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.798	149	223773	32.845	ng/ul#	97
87) Chrysene	21.992	228	410696	32.864	ng/ul	98
89) Di-n-octyl phthalate	23.096	149	376565	32.667	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	451452	32.042	ng/ul#	96
91) Benzo(k)fluoranthene	24.377	252	437959	33.975	ng/ul#	96
93) Benzo(a)pyrene	25.252	252	431973	32.874	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.411	276	506786	34.623	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.494	278	433521	35.720	ng/ul#	92
96) Benzo(g,h,i)perylene	30.674	276	424901	34.102	ng/ul#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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