Quantitation Report (QT Reviewed)

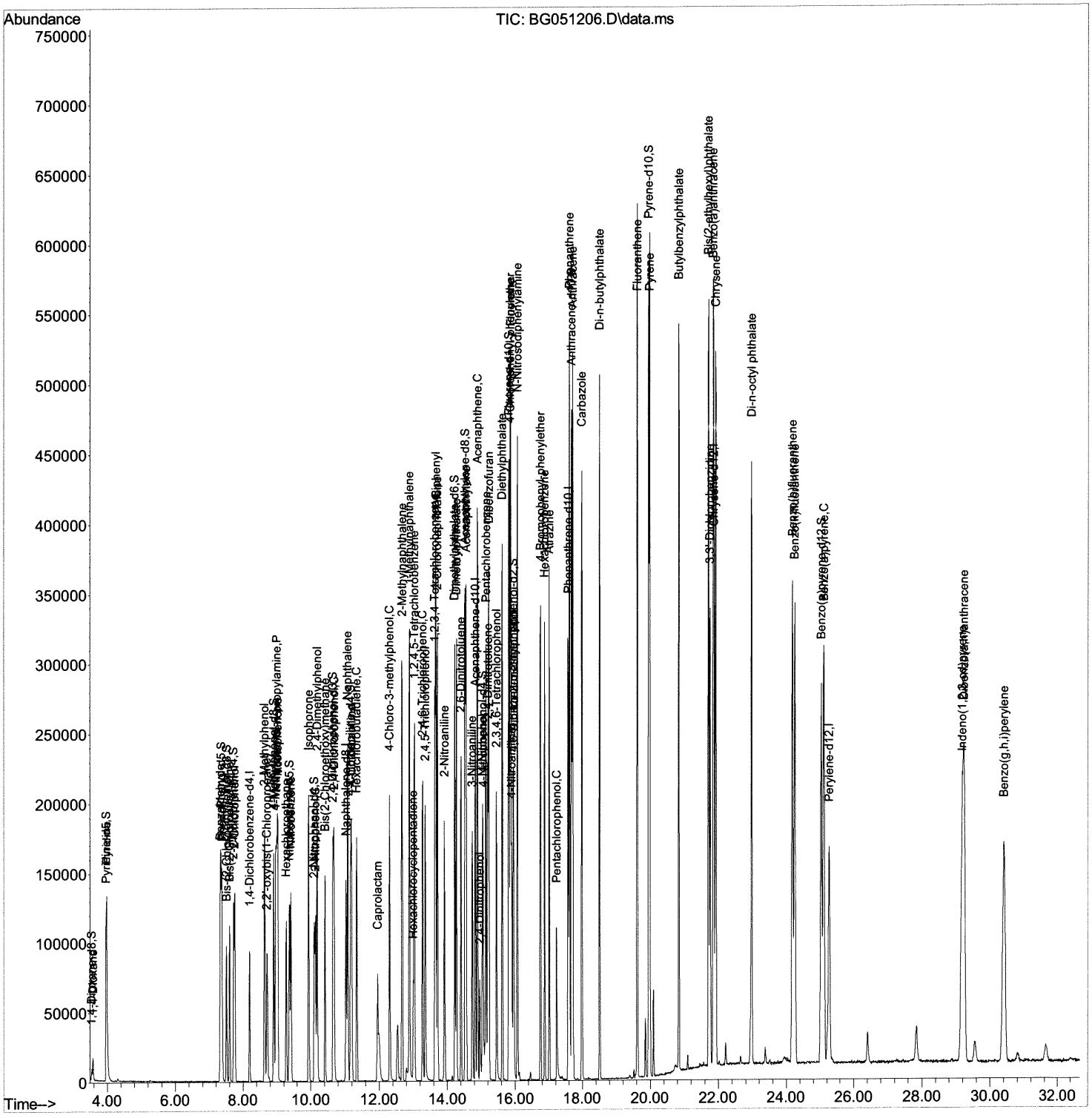
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051206.D
Acq On : 24 Nov 2021 10:43
Operator : CG/JU
Sample : PB140904BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 24 12:50:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS904

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/30/2021



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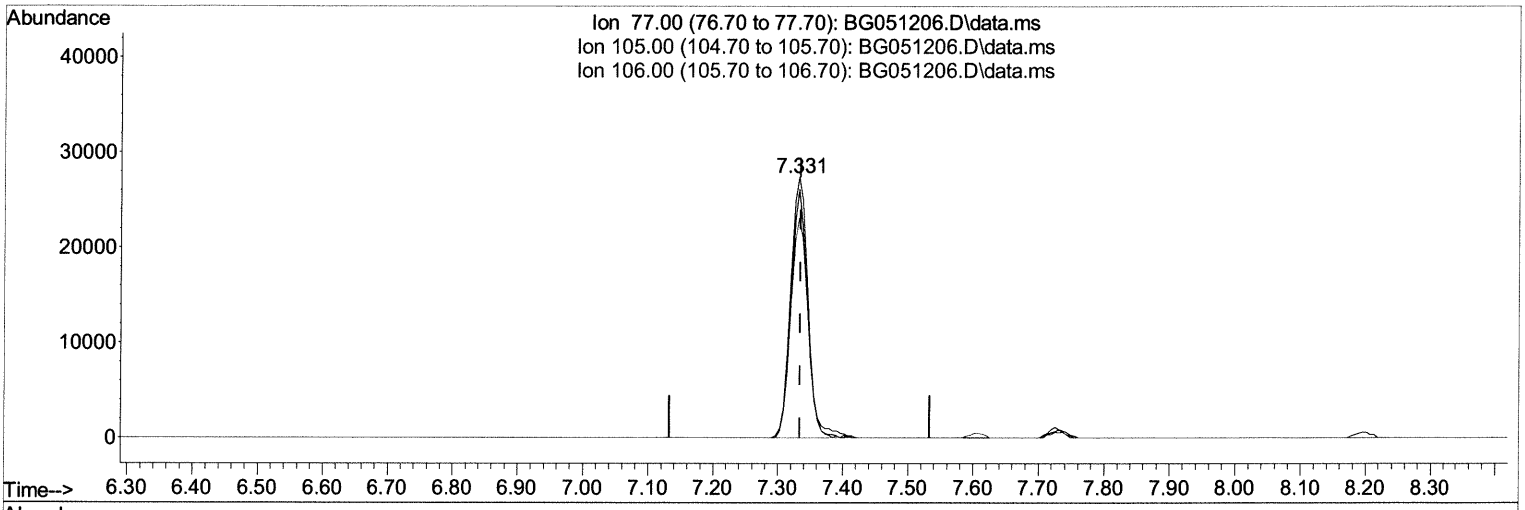

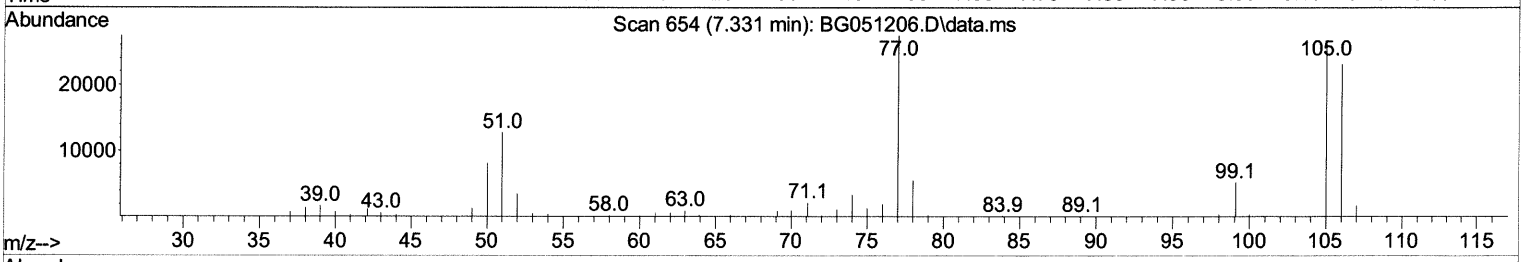

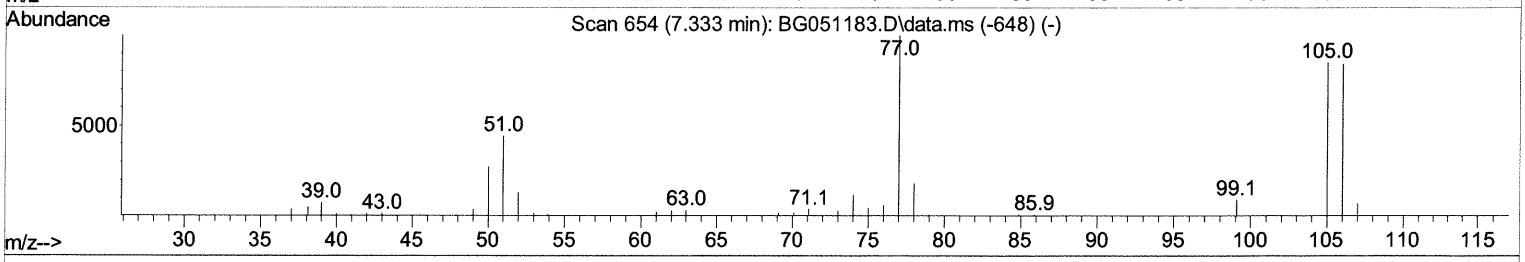

TIC: BG051206.D\data.ms

(6) Benzaldehyde

7.331min (-0.002) 30.38 ng/ul

response 51341

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	95.35
106.00	76.50	84.40
0.00	0.00	0.00

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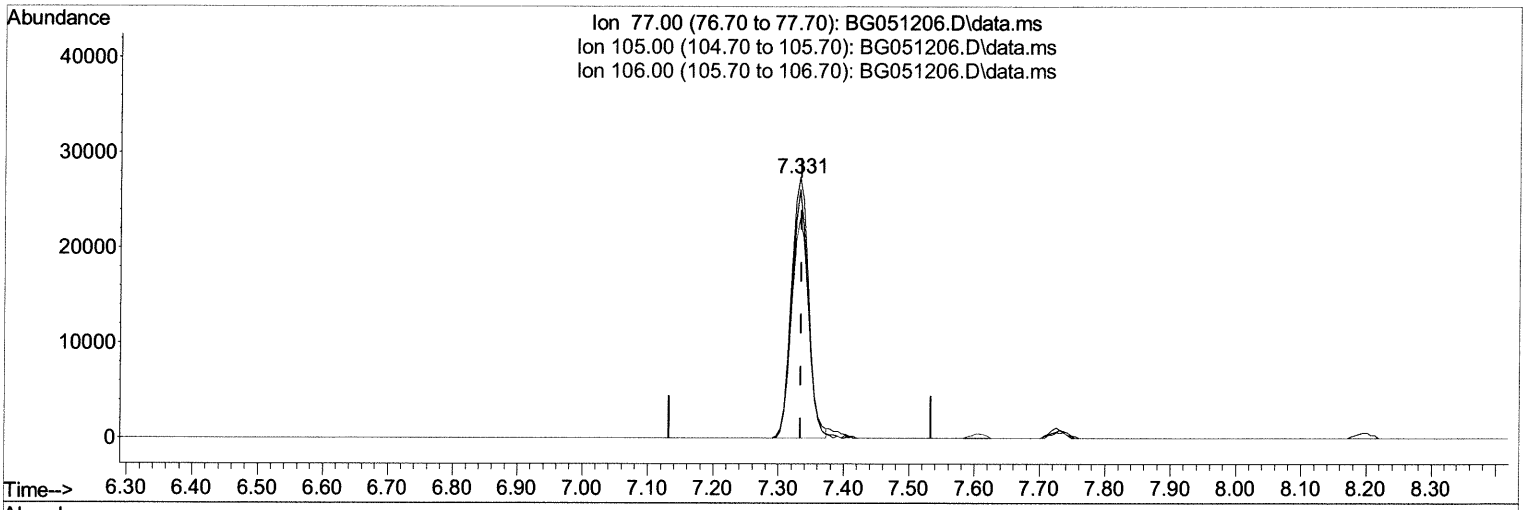

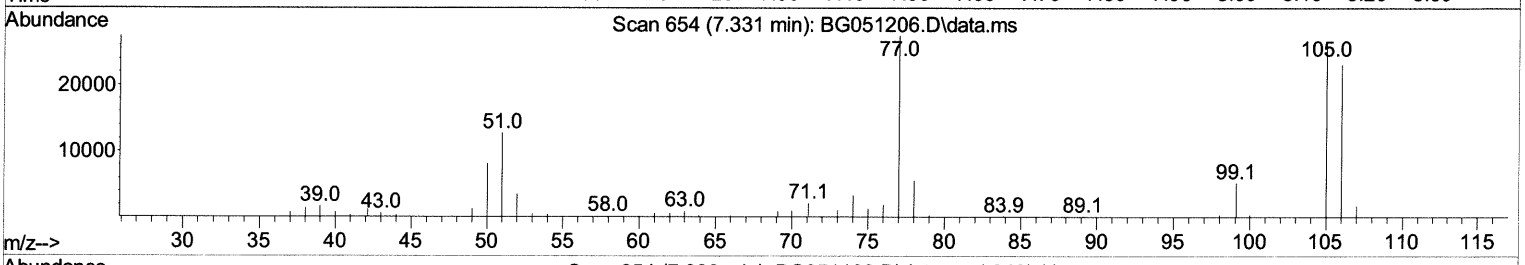

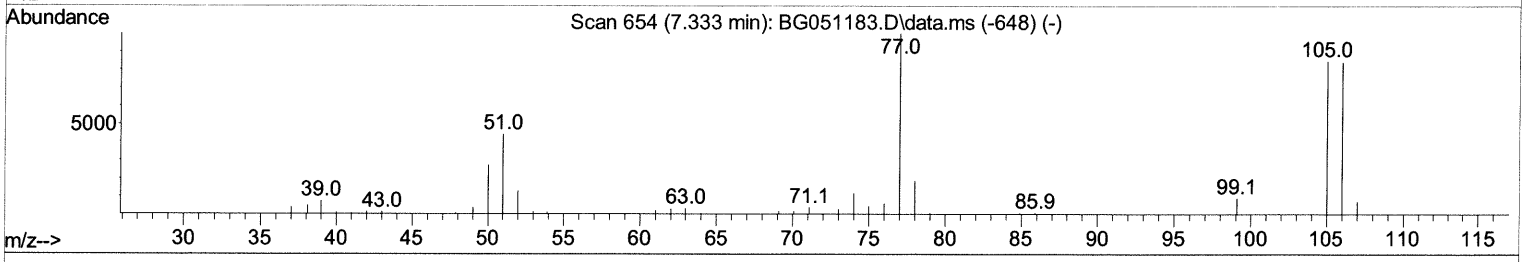

TIC: BG051206.D\data.ms

(6) Benzaldehyde

7.331min (-0.002) 29.67 ng/ul m 11/29/21 JU

response 50133

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.00	95.35
106.00	76.50	84.40
0.00	0.00	0.00

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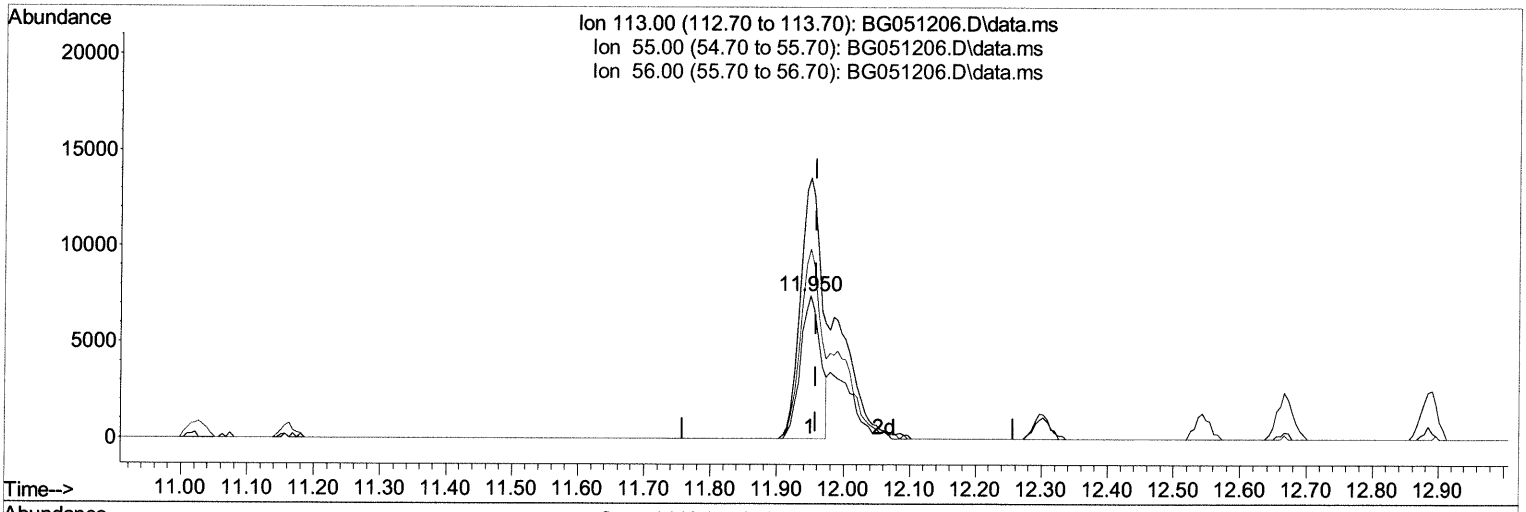

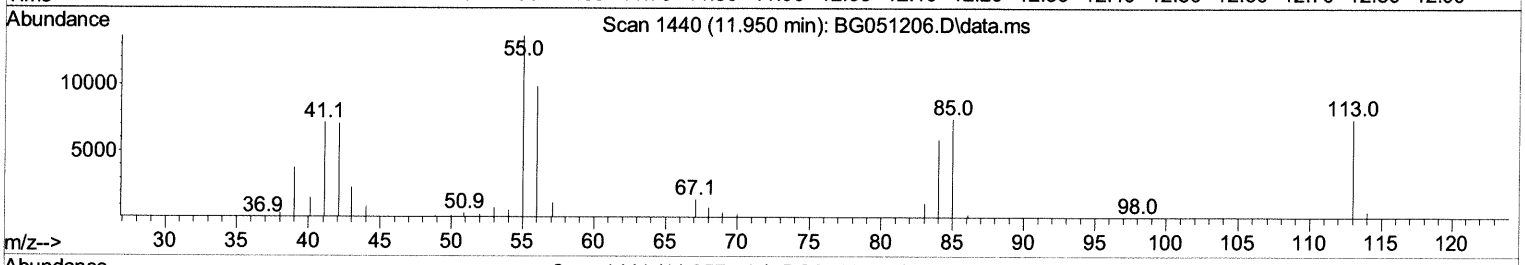

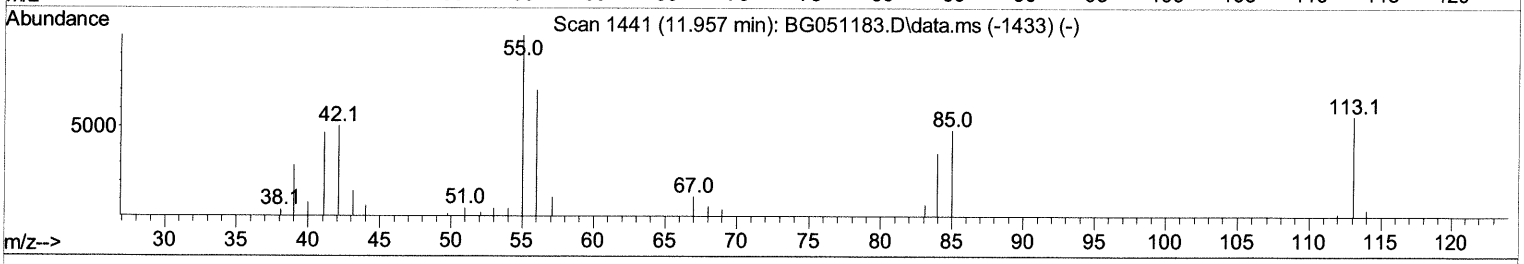

TIC: BG051206.D\data.ms

(34) Caprolactam

11.950min (-0.008) 19.93 ng/ul

response 15640

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.34
56.00	136.50	132.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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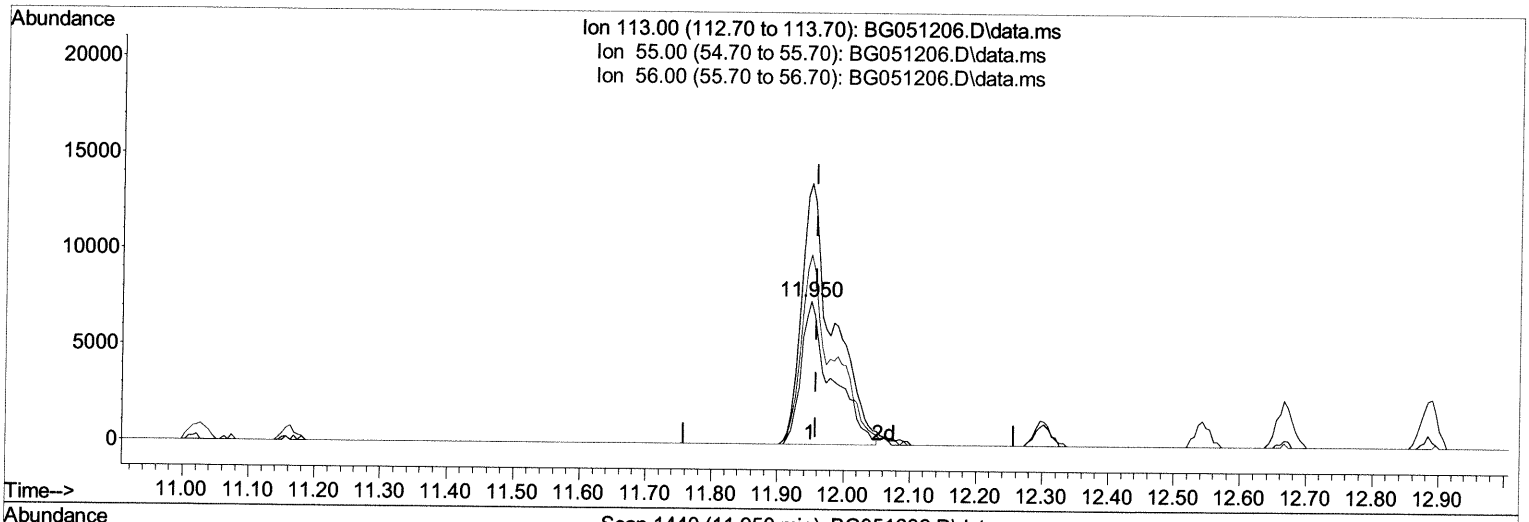

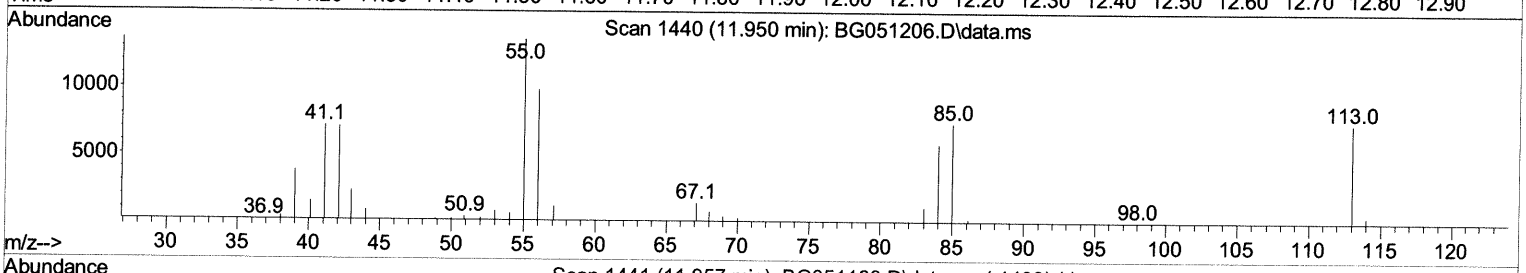

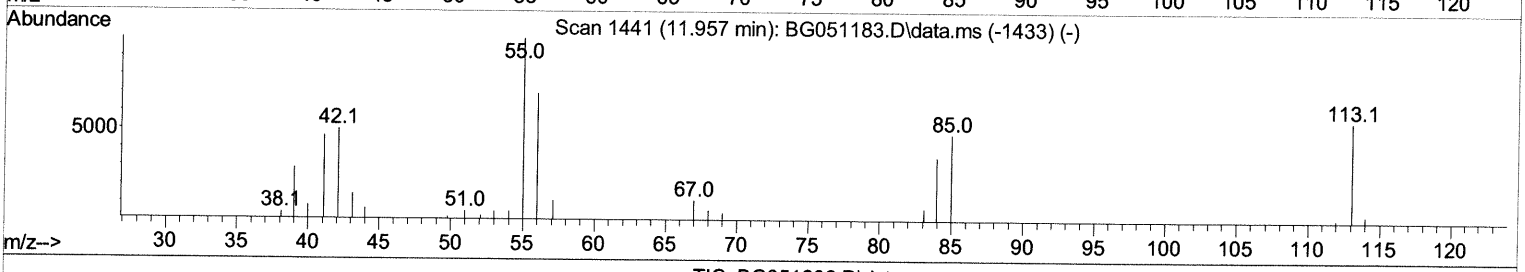

TIC: BG051206.D\data.ms

(34) Caprolactam

11.950min (-0.008) 30.93 ng/ul m 11/29/21 JU

response 24275

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.34
56.00	136.50	132.52
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.195	152	26846	20.000	ng/ul	0.00
20) Naphthalene-d8	11.021	136	125538	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.829	164	88641	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.578	188	193550	20.000	ng/ul	0.00
79) Chrysene-d12	21.879	240	168627	20.000	ng/ul	0.00
88) Perylene-d12	25.269	264	169882	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.542	96	4101	5.309	ng/uL	0.00
4) Pyridine-d5	3.965	84	64383	28.401	ng/ul	-0.01
7) Phenol-d5	7.355	99	80062	30.175	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.514	67	50112	30.072	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	58151	30.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.912	113	66099	30.871	ng/ul	0.00
21) Nitrobenzene-d5	9.376	128	32065	30.258	ng/ul	0.00
24) 2-Nitrophenol-d4	10.099	143	36160	30.249	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	62552	30.841	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	81204	27.362	ng/ul	0.00
46) Dimethylphthalate-d6	14.223	166	204831	30.032	ng/ul	0.00
49) Acenaphthylene-d8	14.529	160	261208	30.372	ng/ul	0.00
54) 4-Nitrophenol-d4	15.046	143	33226	30.096	ng/ul	0.00
60) Fluorene-d10	15.822	176	184433	30.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.951	200	36164	30.280	ng/ul	0.00
73) Anthracene-d10	17.678	188	283849	30.664	ng/ul	0.00
81) Pyrene-d10	19.958	212	318105	31.177	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.040	264	281428	31.019	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.577	88	9222	10.585	ng/uL#	83
5) Pyridine	3.988	79	65062	27.582	ng/ul	99
6) Benzaldehyde	7.331	77	50133m	> 29.669	ng/ul	> 11/29/21 JU
8) Phenol	7.384	94	84898	30.887	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.608	93	62338	29.978	ng/ul	98
12) 2-Chlorophenol	7.760	128	60571	31.110	ng/ul	95
13) 2-Methylphenol	8.642	108	62946	30.745	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.712	45	91436	30.471	ng/ul	98
16) Acetophenone	9.029	105	99612	30.078	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.000	70	59692	31.365	ng/ul	96
18) 4-Methylphenol	8.971	108	67598	30.877	ng/ul	95
19) Hexachloroethane	9.282	117	24114	29.322	ng/ul	93
22) Nitrobenzene	9.417	77	84806	30.520	ng/ul	96
23) Isophorone	9.934	82	163032	30.199	ng/ul	99
25) 2-Nitrophenol	10.134	139	37660	30.415	ng/ul	100
26) 2,4-Dimethylphenol	10.181	107	76683	30.291	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.410	93	91584	30.730	ng/ul	99
29) 2,4-Dichlorophenol	10.675	162	61255	30.681	ng/ul	97
30) Naphthalene	11.074	128	203840	29.841	ng/ul	97
32) 4-Chloroaniline	11.186	127	82495	27.689	ng/ul	98
33) Hexachlorobutadiene	11.339	225	38908	28.253	ng/ul	98
34) Caprolactam	11.950	113	24275m	> 30.927	ng/ul	> 11/29/21 JU
35) 4-Chloro-3-methylphenol	12.302	107	76844	32.040	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.666	142	141359	30.425	ng/ul	99
37) 1-Methylnaphthalene	12.884	142	142740	29.861	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.031	216	82534	29.659	ng/ul	98
40) Hexachlorocyclopentadiene	12.995	237	19106	16.986	ng/ul	95
41) 2,4,6-Trichlorophenol	13.272	196	54650	31.295	ng/ul	100
42) 2,4,5-Trichlorophenol	13.354	196	57243	31.302	ng/ul	99
43) 1,1'-Biphenyl	13.665	154	196750	29.718	ng/ul	97
44) 2-Chloronaphthalene	13.712	162	158232	30.045	ng/ul	98
45) 2-Nitroaniline	13.918	65	58328	32.001	ng/ul	92
47) Dimethylphthalate	14.270	163	204003	29.550	ng/ul	99
48) 2,6-Dinitrotoluene	14.406	165	45703	31.516	ng/ul	97
50) Acenaphthylene	14.558	152	255032	30.014	ng/ul	99
51) 3-Nitroaniline	14.740	138	43664	30.462	ng/ul	96
52) Acenaphthene	14.893	153	168691	30.103	ng/ul	93
53) 2,4-Dinitrophenol	14.964	184	18702	23.332	ng/ul	88
55) 4-Nitrophenol	15.058	109	28656	29.922	ng/ul	95
56) Dibenzofuran	15.228	168	245113	30.325	ng/ul	100
57) 2,4-Dinitrotoluene	15.199	165	64374	31.081	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.457	232	45982	32.020	ng/ul	96
59) Diethylphthalate	15.622	149	219617	30.306	ng/ul	99
61) Fluorene	15.874	166	195550	30.204	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.857	204	103619	29.698	ng/ul	96
63) 4-Nitroaniline	15.904	138	44224	31.704	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.963	198	34406	29.871	ng/ul	100
67) N-Nitrosodiphenylamine	16.074	169	176453	31.845	ng/ul	97
68) 4-Bromophenyl-phenylether	16.756	248	64331	31.012	ng/ul	94
69) Hexachlorobenzene	16.879	284	66631	31.501	ng/ul	98
70) Atrazine	17.020	200	70289	30.184	ng/ul	99
71) Pentachlorophenol	17.232	266	23324	24.885	ng/ul	92
72) Phenanthrene	17.619	178	331858	31.053	ng/ul	98
74) Anthracene	17.713	178	326546	30.767	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.636	216	86351	30.587	ng/uL	98
76) Pentachlorobenzene	15.146	250	79346	30.164	ng/uL	99
77) Carbazole	17.984	167	290454	31.177	ng/ul	98
78) Di-n-butylphthalate	18.512	149	373492	31.093	ng/ul	99
80) Fluoranthene	19.623	202	393324	31.386	ng/ul	97
82) Pyrene	19.987	202	382322	31.188	ng/ul	96
83) Butylbenzylphthalate	20.845	149	162051	31.798	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.762	252	116126	29.578	ng/ul	97
85) Benzo(a)anthracene	21.856	228	359490	31.432	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.720	149	232041	31.641	ng/ul	99
87) Chrysene	21.926	228	341064	31.041	ng/ul	99
89) Di-n-octyl phthalate	22.984	149	398005	32.339	ng/ul	100
90) Benzo(b)fluoranthene	24.188	252	363485	31.705	ng/ul	99
91) Benzo(k)fluoranthene	24.259	252	329411	30.618	ng/ul	98
93) Benzo(a)pyrene	25.116	252	342831	31.344	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.182	276	380800	31.112	ng/ul	98
95) Dibenzo(a,h)anthracene	29.235	278	322421	31.051	ng/ul	98
96) Benzo(g,h,i)perylene	30.410	276	321795	31.249	ng/ul	99

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