Quantitation Report (Qedit)

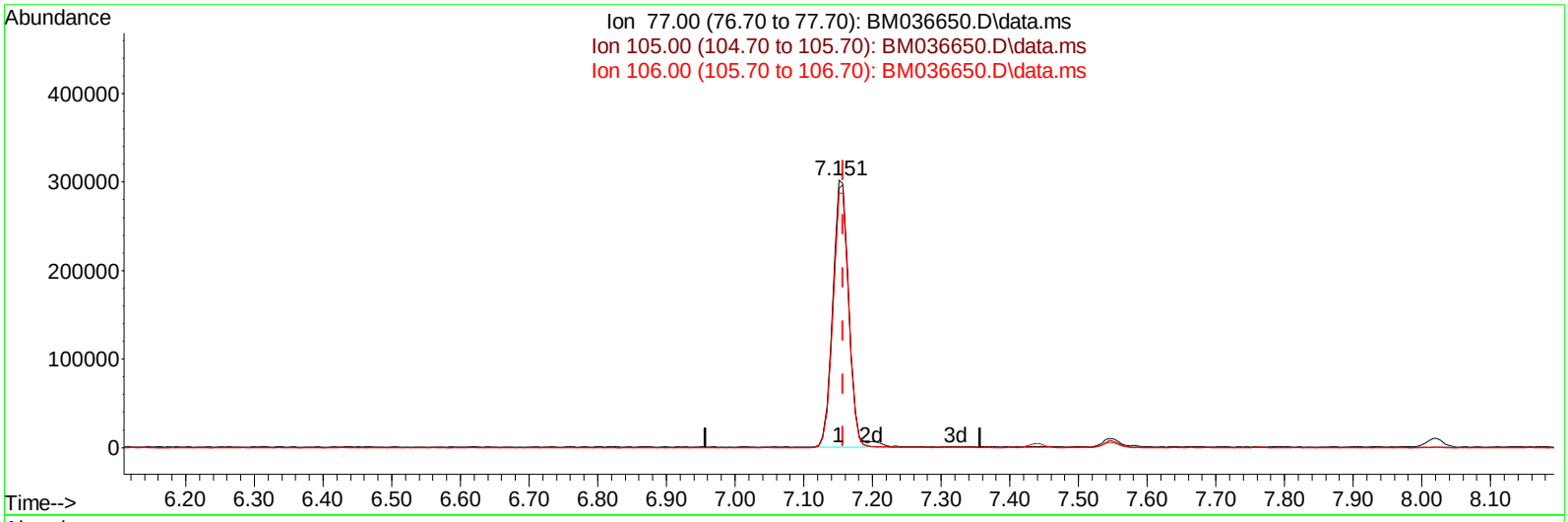
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036650.D
Acq On : 22 Sep 2022 07:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

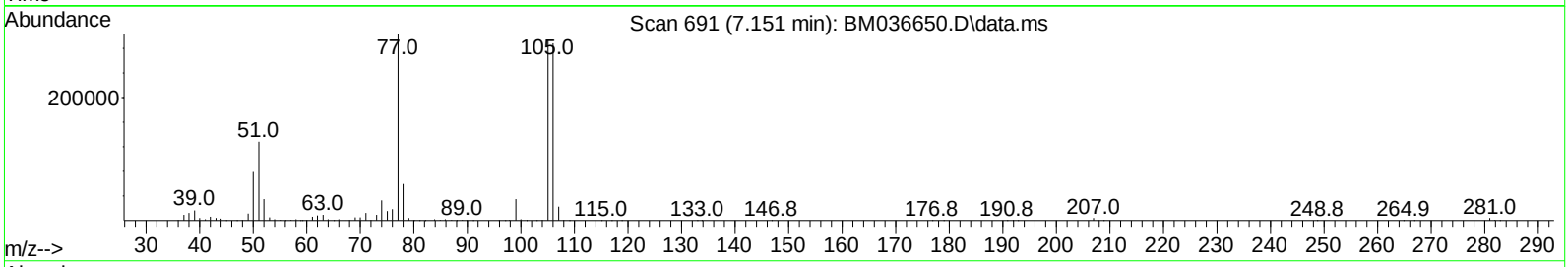
Quant Time: Sep 22 17:17:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

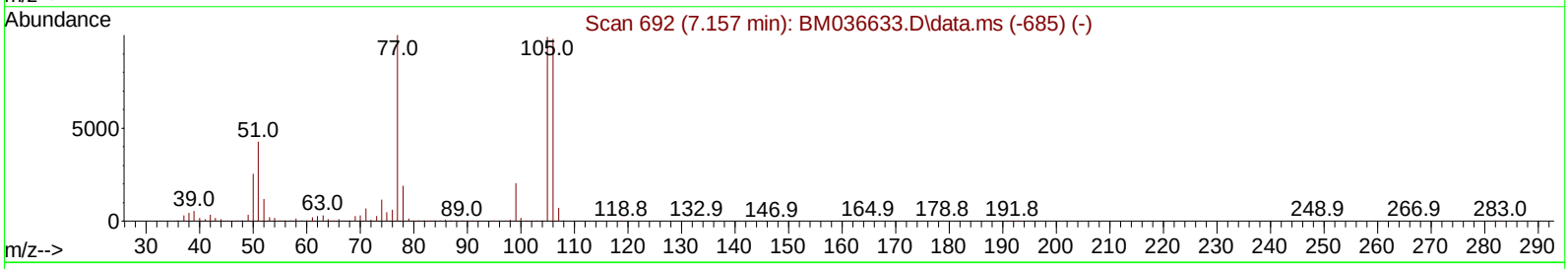
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036650.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 25.28 ng/ul

response 483142

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.03
106.00	91.30	95.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
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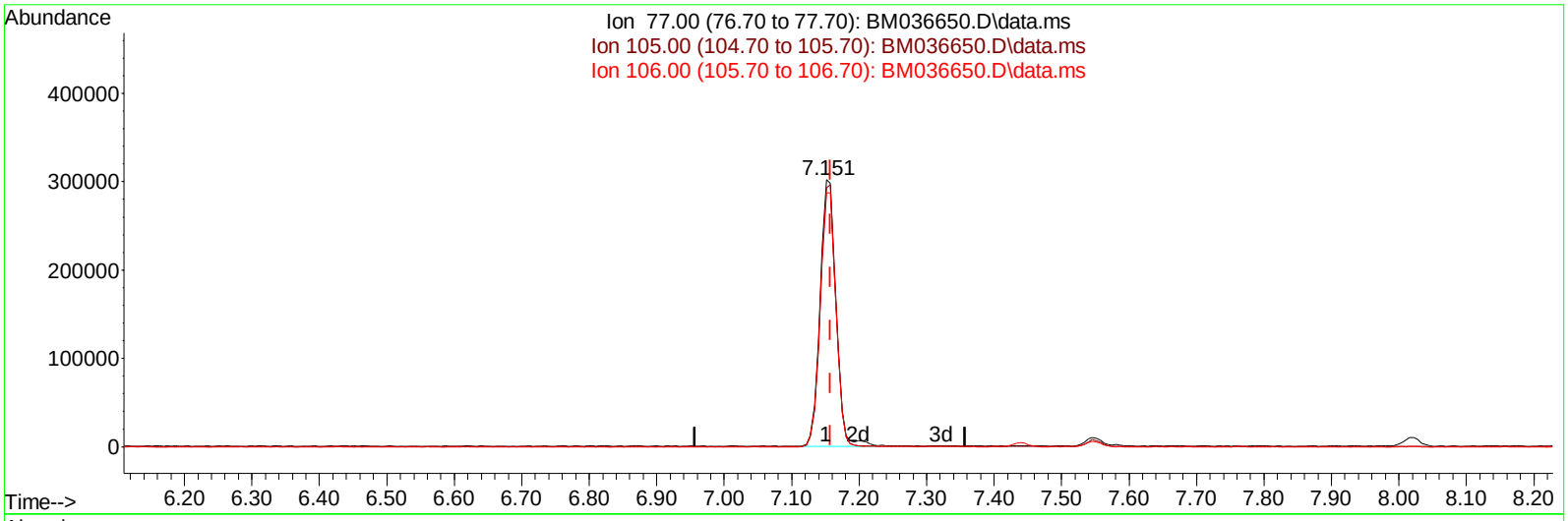

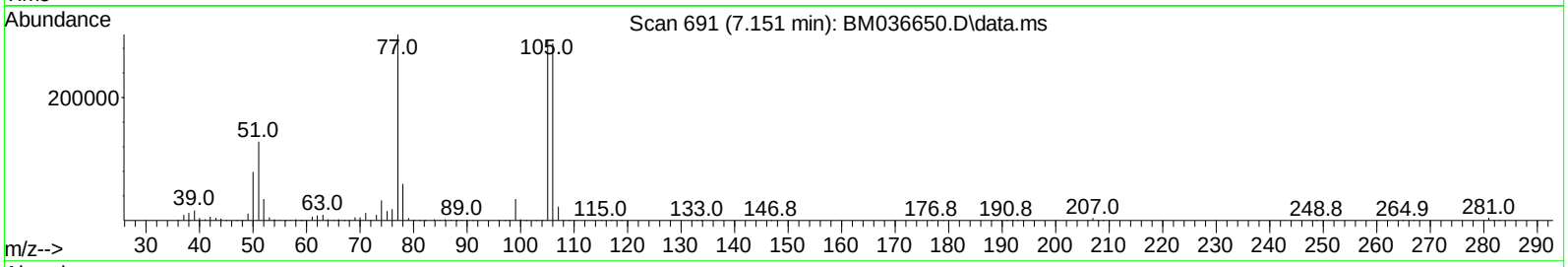

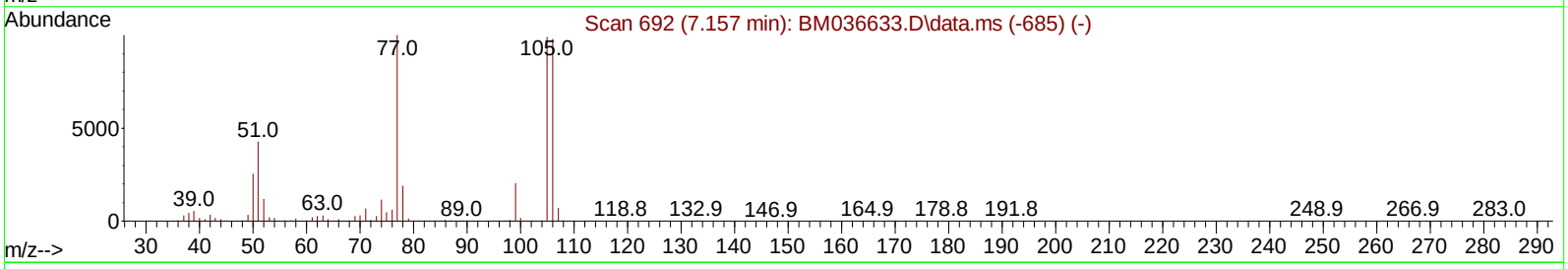

TIC: BM036650.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 25.74 ng/ul m

response 492014

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.03
106.00	91.30	95.17
0.00	0.00	0.00

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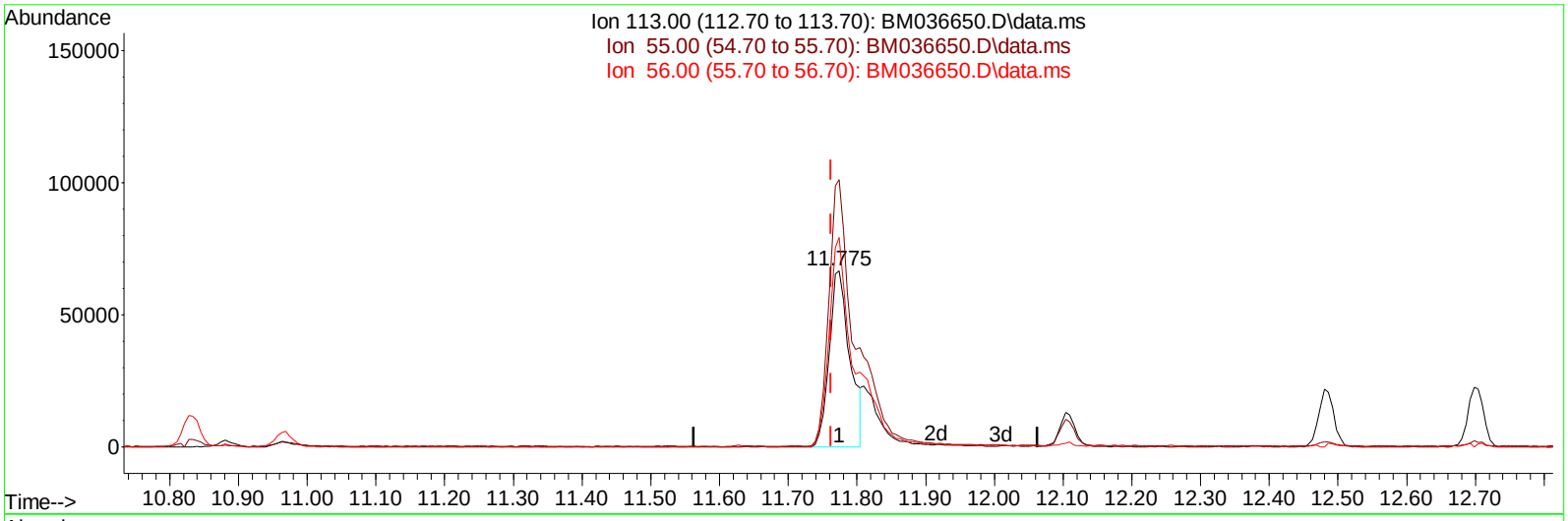

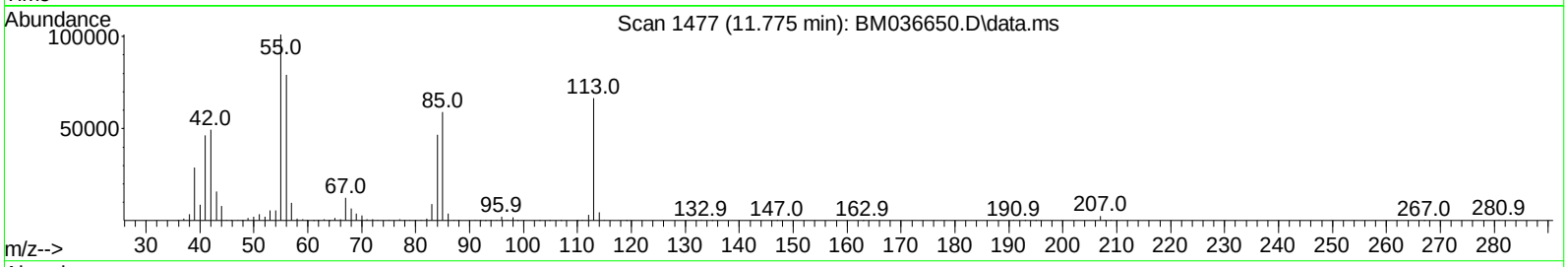

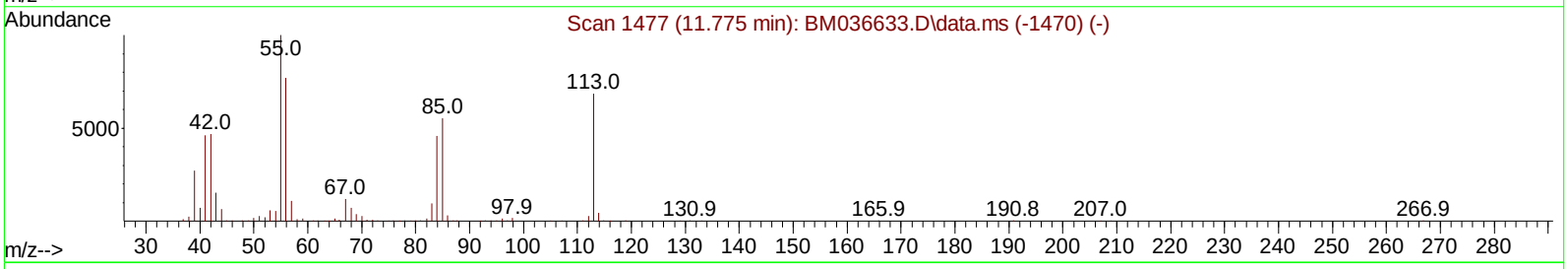

TIC: BM036650.D\data.ms

(34) Caprolactam

11.775min (+ 0.012) 14.81 ng/ul

response 138231

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	151.60
56.00	118.30	118.86
0.00	0.00	0.00

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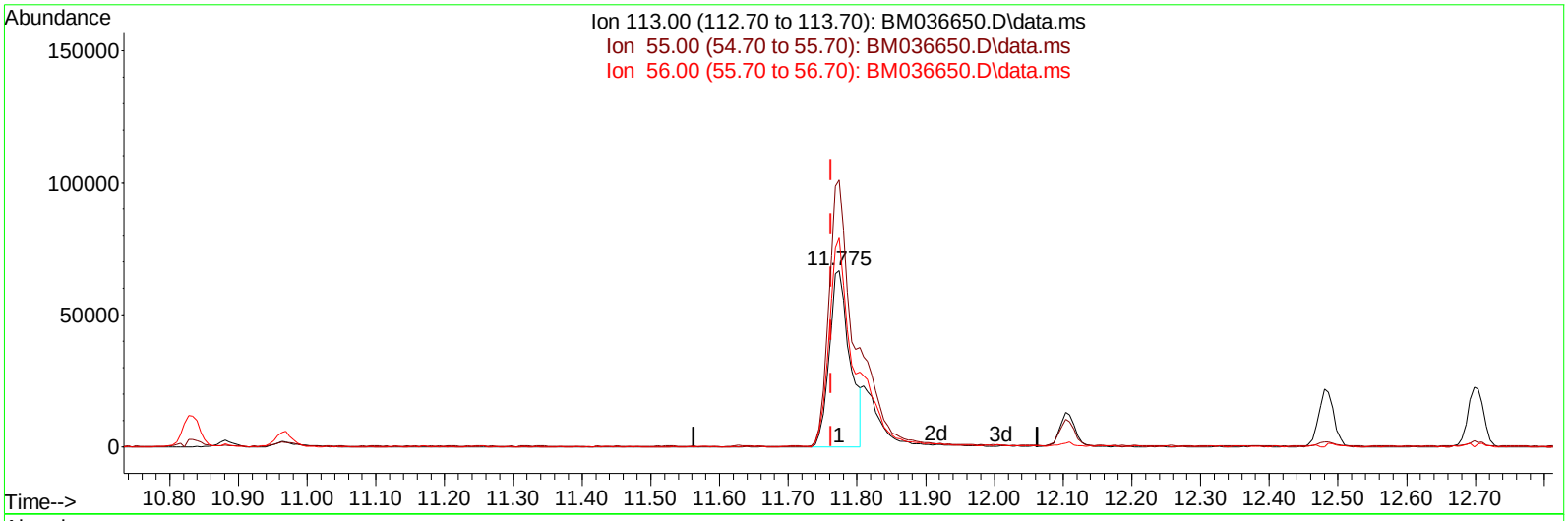

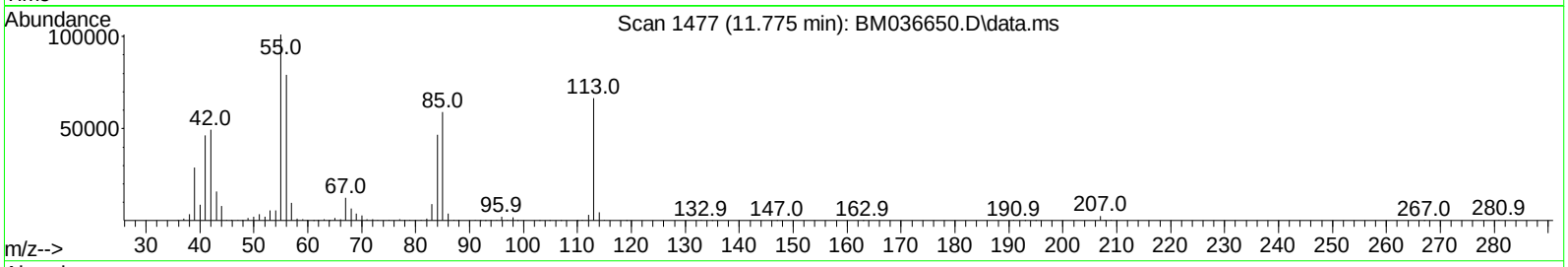

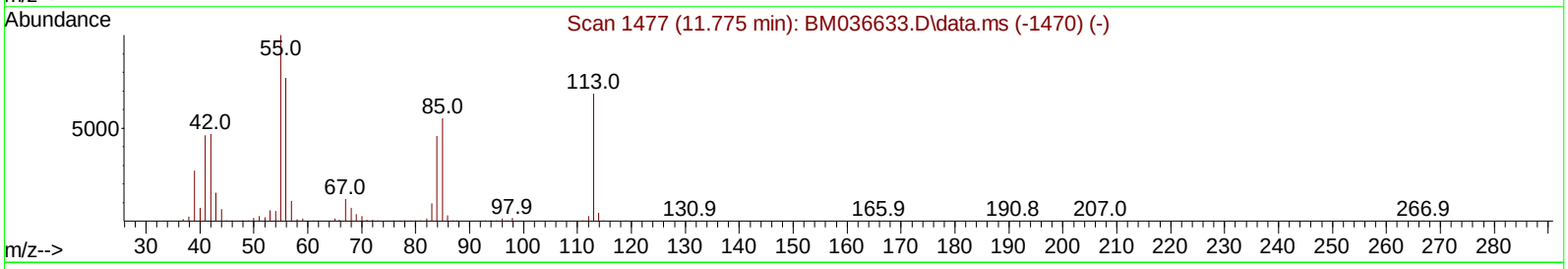

TIC: BM036650.D\data.ms

(34) Caprolactam

11.775min (+ 0.012) 14.81 ng/ul

response 138231

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	151.60
56.00	118.30	118.86
0.00	0.00	0.00

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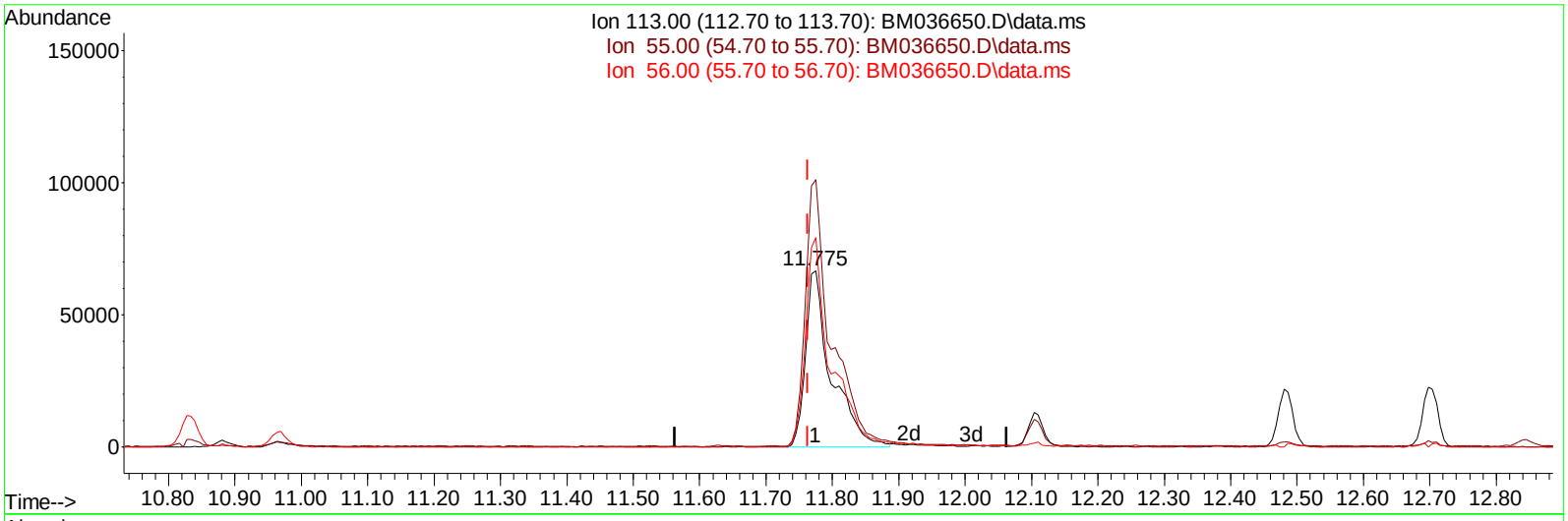

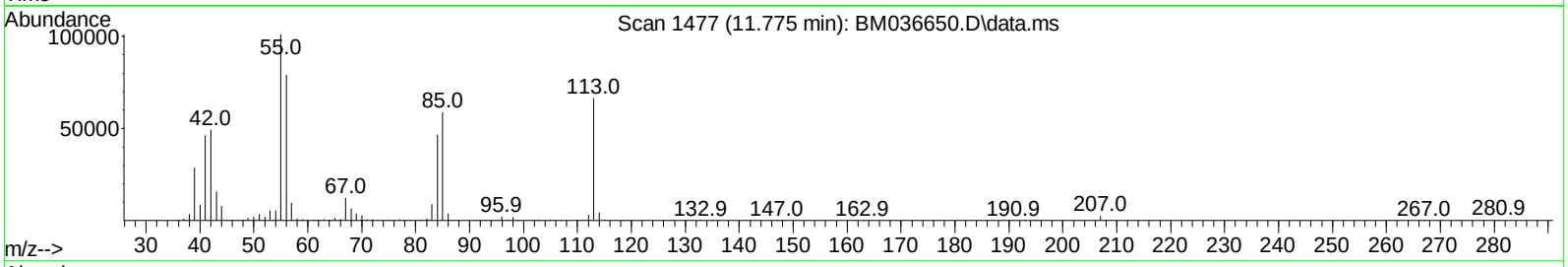

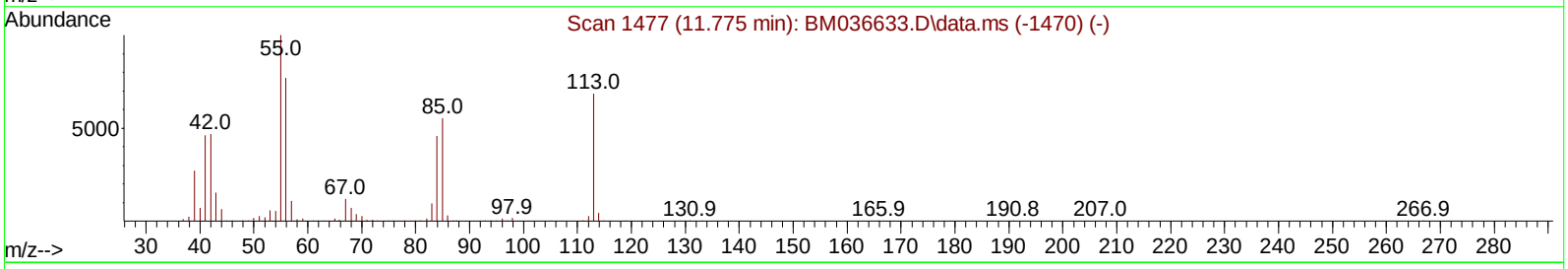

TIC: BM036650.D\data.ms

(34) Caprolactam

11.775min (+ 0.012) 19.08 ng/ul m

response 177994

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	151.60
56.00	118.30	118.86
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	441689	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	1947435	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1190901	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2320648	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1697024	20.000	ng/ul	0.00
88) Perylene-d12	23.985	264	1434792	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	86426	7.335	ng/uL	0.00
4) Pyridine-d5	3.822	84	657303	19.129	ng/ul	0.00
7) Phenol-d5	7.175	99	786577	19.928	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	471981	19.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.545	132	615821	21.670	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	610832	20.944	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	302534	22.952	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	303826	25.733	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	594447	21.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	877878	19.297	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1593001	19.833	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1939863	20.361	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	297292	19.083	ng/ul	0.00
60) Fluorene-d10	15.633	176	1444091	20.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	186281	20.289	ng/ul	0.00
73) Anthracene-d10	17.480	188	2153369	20.294	ng/ul	0.00
81) Pyrene-d10	19.762	212	2116009	25.345	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1437387	20.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	93127	7.337	ng/uL	96
5) Pyridine	3.840	79	654771	18.966	ng/ul	95
6) Benzaldehyde	7.151	77	492014m	25.741	ng/ul	
8) Phenol	7.204	94	843138	19.903	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.439	93	663839	20.140	ng/ul	99
12) 2-Chlorophenol	7.581	128	664917	21.630	ng/ul	96
13) 2-Methylphenol	8.463	108	635457	20.408	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	759419	19.439	ng/ul	97
16) Acetophenone	8.845	105	1026102	20.283	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	501115	20.529	ng/ul	96
18) 4-Methylphenol	8.792	108	696459	20.684	ng/ul	99
19) Hexachloroethane	9.104	117	257942	20.716	ng/ul	96
22) Nitrobenzene	9.228	77	756455	21.615	ng/ul	97
23) Isophorone	9.763	82	1384399	19.401	ng/ul	99
25) 2-Nitrophenol	9.939	139	352000	24.138	ng/ul	99
26) 2,4-Dimethylphenol	9.998	107	746864	20.765	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	864723	20.331	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	616821	21.443	ng/ul	100
30) Naphthalene	10.880	128	2164116	20.399	ng/ul	100
32) 4-Chloroaniline	10.992	127	905027	19.269	ng/ul	100
33) Hexachlorobutadiene	11.169	225	357608	20.327	ng/ul	99
34) Caprolactam	11.775	113	177994m	19.076	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	663092	20.883	ng/ul	98

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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	1427682	20.198	ng/ul	100
37) 1-Methylnaphthalene	12.698	142	1433394	20.172	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	700203	20.773	ng/ul	99
40) Hexachlorocyclopentadiene	12.827	237	268287	15.273	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	452512	21.926	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	492351	22.251	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1820251	20.735	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1427175	20.718	ng/ul	99
45) 2-Nitroaniline	13.727	65	398644	23.511	ng/ul	97
47) Dimethylphthalate	14.104	163	1694726	19.891	ng/ul	100
48) 2,6-Dinitrotoluene	14.221	165	323527	23.356	ng/ul	93
50) Acenaphthylene	14.368	152	2226530	20.441	ng/ul	100
51) 3-Nitroaniline	14.545	138	381831	22.983	ng/ul#	95
52) Acenaphthene	14.710	153	1540304	20.210	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	121676	19.796	ng/ul	97
55) 4-Nitrophenol	14.845	109	249228	18.715	ng/ul	98
56) Dibenzofuran	15.039	168	2064599	20.171	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	469140	23.296	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	389199	21.012	ng/ul#	99
59) Diethylphthalate	15.463	149	1675084	19.640	ng/ul	100
61) Fluorene	15.686	166	1742054	19.984	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.680	204	822999	19.741	ng/ul	100
63) 4-Nitroaniline	15.704	138	383862	23.781	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	207069	19.986	ng/ul	100
67) N-Nitrosodiphenylamine	15.892	169	1431516	20.944	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	453817	19.840	ng/ul	97
69) Hexachlorobenzene	16.686	284	526274	19.453	ng/ul	99
70) Atrazine	16.845	200	458916	19.027	ng/ul	98
71) Pentachlorophenol	17.027	266	288408	17.947	ng/ul	99
72) Phenanthrene	17.421	178	2588701	20.252	ng/ul	99
74) Anthracene	17.515	178	2625997	20.212	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	686929	21.642	ng/uL	98
76) Pentachlorobenzene	14.957	250	715198	20.833	ng/uL	100
77) Carbazole	17.780	167	2328679	19.359	ng/ul	100
78) Di-n-butylphthalate	18.345	149	2769708	20.314	ng/ul	100
80) Fluoranthene	19.427	202	2677044	26.167	ng/ul	99
82) Pyrene	19.792	202	2776705	25.641	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1068883	26.048	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	688644	20.768	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2212916	20.812	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1610382	26.865	ng/ul	100
87) Chrysene	21.586	228	2041899	20.232	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	2348054	27.145	ng/ul	100
90) Benzo(b)fluoranthene	23.238	252	1947073	21.400	ng/ul	100
91) Benzo(k)fluoranthene	23.291	252	1824444	20.068	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1642551	20.536	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.532	276	1885704	20.188	ng/ul	98
95) Dibenzo(a,h)anthracene	26.550	278	1708091	20.164	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	1621116	20.020	ng/ul	99

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

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