Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025070.D
Acq On : 22 Apr 2023 11:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 00:39:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Apr 23 00:37:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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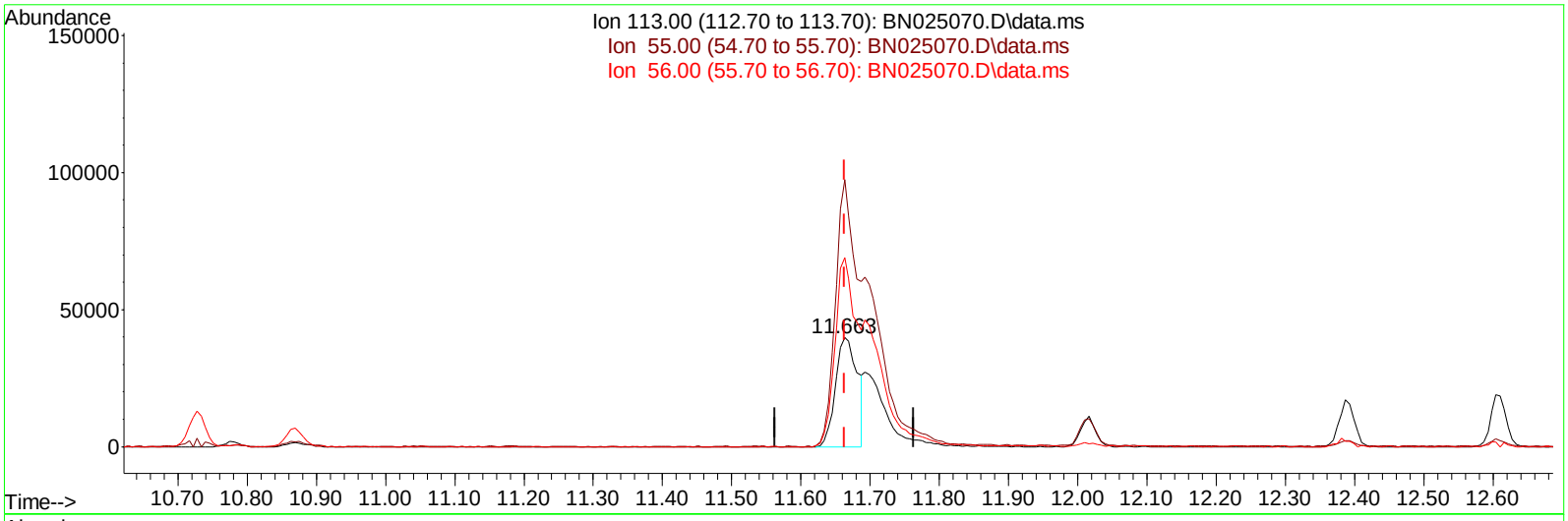
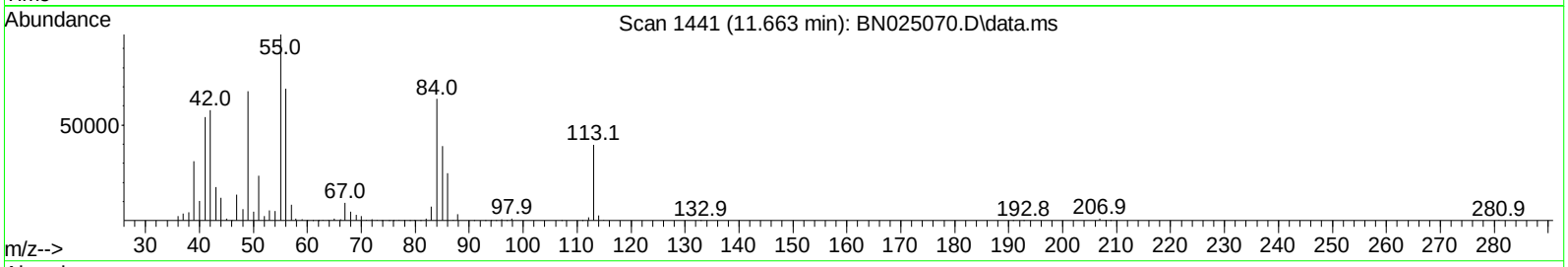
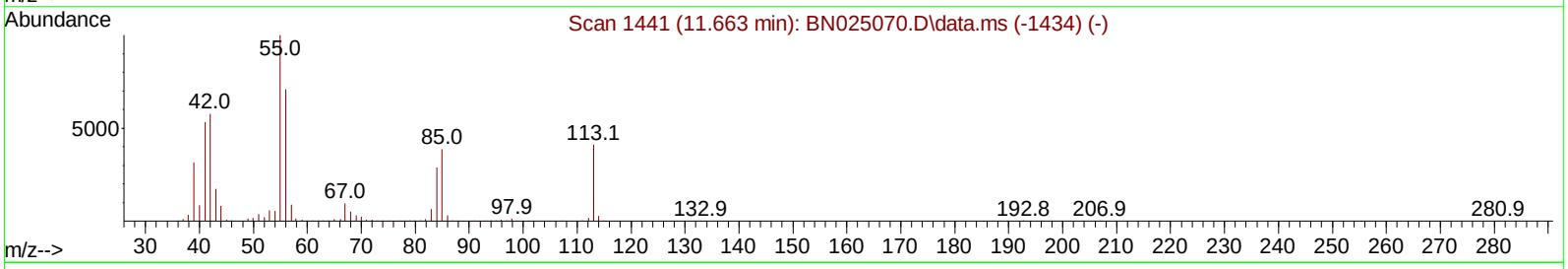
Supervised By :Jagrut Upadhyay 04/24/2023







TIC: BN025070.D\data.ms

(34) Caprolactam

11.663min (0.000) 11.96 ng/ul

response 86824

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	244.91
56.00	166.90	173.30
0.00	0.00	0.00

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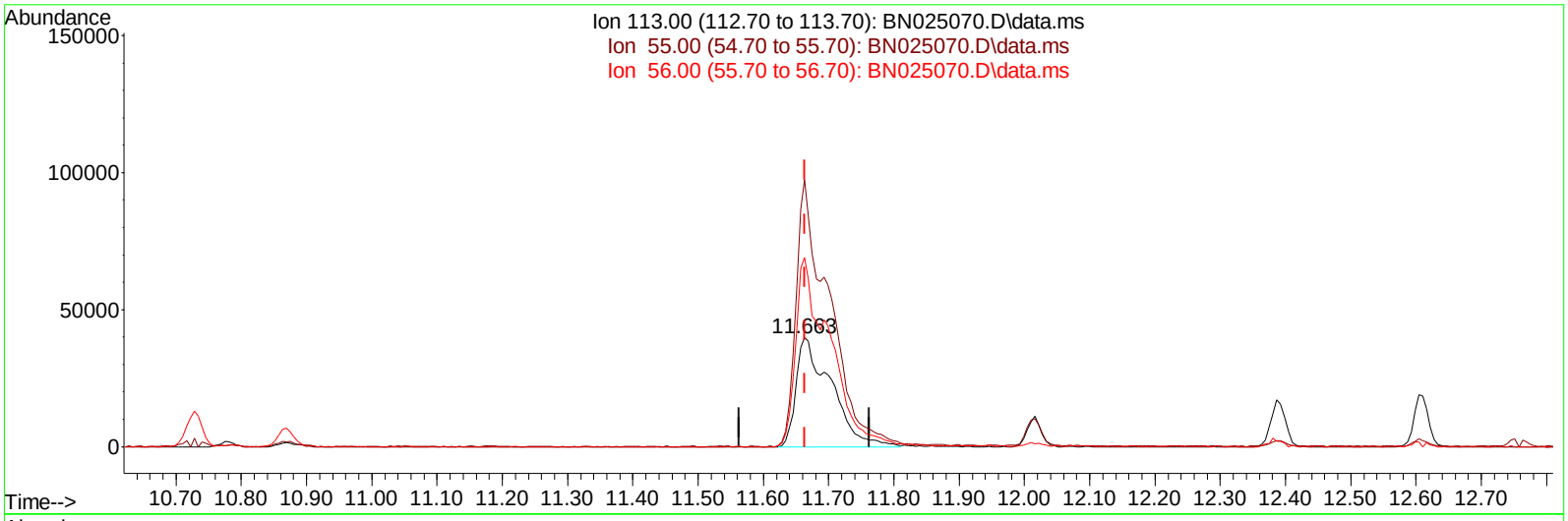

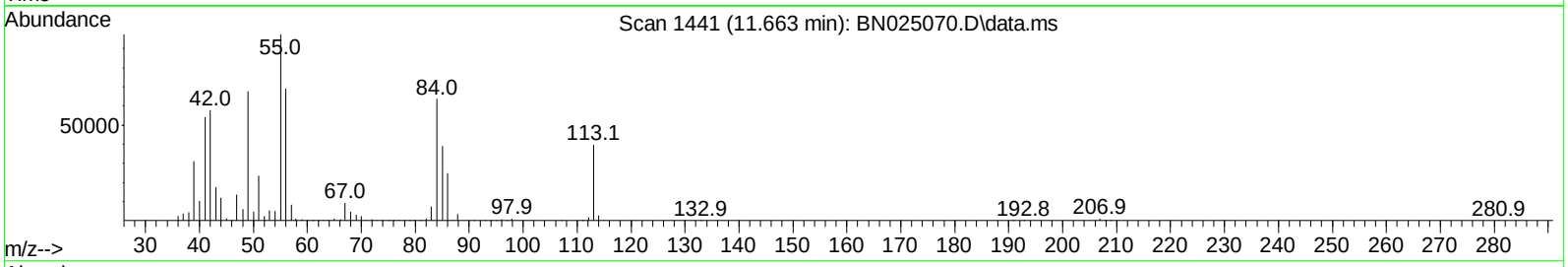

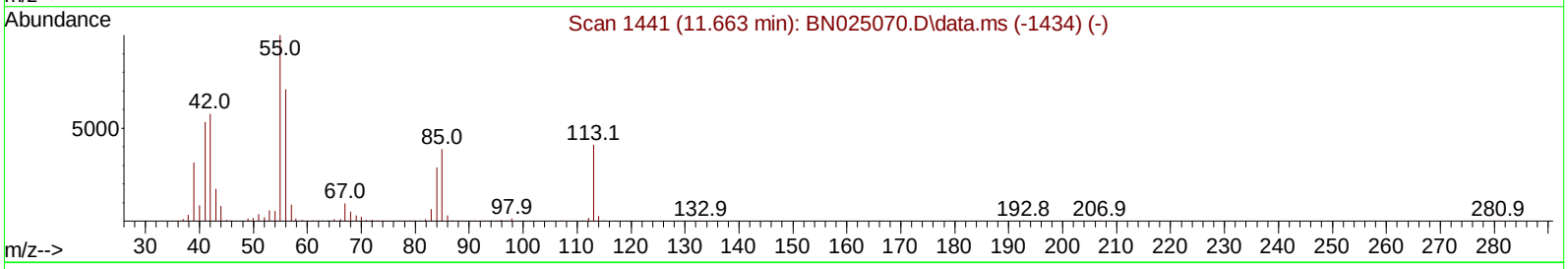

TIC: BN025070.D\data.ms

(34) Caprolactam

11.663min (0.000) 20.46 ng/ul m

response 148452

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	244.91
56.00	166.90	173.30
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	289866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	1316074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	836374	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1845805	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240	1795156	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	2213535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	62006	8.141	ng/uL	0.00
4) Pyridine-d5	3.717	84	456935	20.036	ng/ul	0.00
7) Phenol-d5	7.075	99	579133	20.493	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	411420	21.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	436282	21.007	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	455799	20.317	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	224749	21.091	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	252368	21.865	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	449913	21.808	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	679455	21.702	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1463233	22.568	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1626585	21.892	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	288253	21.688	ng/ul	0.00
60) Fluorene-d10	15.557	176	1228269	22.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	269431	22.429	ng/ul	0.00
73) Anthracene-d10	17.410	188	1899162	21.907	ng/ul	0.00
81) Pyrene-d10	19.704	212	2240698	21.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	2402022	20.754	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	67757	8.244	ng/uL	94
5) Pyridine	3.740	79	483130	20.505	ng/ul#	94
6) Benzaldehyde	7.052	77	352681	25.542	ng/ul	96
8) Phenol	7.105	94	608493	20.675	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.340	93	502670	21.755	ng/ul	100
12) 2-Chlorophenol	7.475	128	453252	20.896	ng/ul	98
13) 2-Methylphenol	8.363	108	438193	20.279	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	983320	21.673	ng/ul	99
16) Acetophenone	8.746	105	762203	21.486	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.734	70	423729	22.145	ng/ul	99
18) 4-Methylphenol	8.693	108	500989	20.849	ng/ul	97
19) Hexachloroethane	8.999	117	189277	21.621	ng/ul	96
22) Nitrobenzene	9.128	77	619172	21.624	ng/ul	98
23) Isophorone	9.652	82	1178151	22.415	ng/ul	99
25) 2-Nitrophenol	9.840	139	272449	21.882	ng/ul	98
26) 2,4-Dimethylphenol	9.899	107	562072	21.441	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.140	93	718005	21.950	ng/ul	100
29) 2,4-Dichlorophenol	10.375	162	452370	21.848	ng/ul	98
30) Naphthalene	10.781	128	1578929	21.482	ng/ul	99
32) 4-Chloroaniline	10.893	127	689637	21.759	ng/ul	99
33) Hexachlorobutadiene	11.063	225	265853	22.029	ng/ul	95
34) Caprolactam	11.663	113	148452m	20.456	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	516343	21.269	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	1052460	21.666	ng/ul	97
37) 1-Methylnaphthalene	12.610	142	1063419	21.930	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	540438	22.152	ng/ul	98
40) Hexachlorocyclopentadiene	12.734	237	330541	22.219	ng/ul	93
41) 2,4,6-Trichlorophenol	12.998	196	368899	22.131	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	403780	22.136	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	1451208	21.777	ng/ul	100
44) 2-Chloronaphthalene	13.440	162	1116324	21.574	ng/ul	99
45) 2-Nitroaniline	13.651	65	400333	22.157	ng/ul	98
47) Dimethylphthalate	14.022	163	1479116	22.673	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	289169	22.709	ng/ul	97
50) Acenaphthylene	14.287	152	1804761	22.115	ng/ul	99
51) 3-Nitroaniline	14.475	138	299248	22.363	ng/ul	99
52) Acenaphthene	14.628	153	1243316	22.037	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	180387	22.033	ng/ul	95
55) 4-Nitrophenol	14.775	109	243640	22.523	ng/ul	96
56) Dibenzofuran	14.963	168	1737996	22.349	ng/ul	95
57) 2,4-Dinitrotoluene	14.934	165	429411	23.296	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.187	232	349003	23.235	ng/ul	98
59) Diethylphthalate	15.387	149	1498376	22.858	ng/ul	98
61) Fluorene	15.610	166	1416199	22.642	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	679292	23.332	ng/ul	99
63) 4-Nitroaniline	15.639	138	310926	23.578	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.692	198	273453	23.239	ng/ul	99
67) N-Nitrosodiphenylamine	15.822	169	1203544	21.492	ng/ul	97
68) 4-Bromophenyl-phenylether	16.498	248	398257	21.466	ng/ul	96
69) Hexachlorobenzene	16.616	284	482041	22.948	ng/ul	98
70) Atrazine	16.775	200	435078	22.833	ng/ul	98
71) Pentachlorophenol	16.963	266	285574	21.872	ng/ul	95
72) Phenanthrene	17.351	178	2251386	21.614	ng/ul	100
74) Anthracene	17.445	178	2320257	22.106	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	551980	21.025	ng/uL	96
76) Pentachlorobenzene	14.881	250	548837	21.850	ng/uL	100
77) Carbazole	17.716	167	2103487	22.195	ng/ul	99
78) Di-n-butylphthalate	18.280	149	2637127	23.444	ng/ul	99
80) Fluoranthene	19.369	202	2671315	21.382	ng/ul	99
82) Pyrene	19.733	202	2780365	21.143	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1217672	22.303	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	989471	24.023	ng/ul	98
85) Benzo(a)anthracene	21.492	228	2741308	21.262	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	1860333	22.825	ng/ul	98
87) Chrysene	21.545	228	2647661	21.560	ng/ul	96
89) Di-n-octyl phthalate	22.351	149	3320988	21.832	ng/ul	100
90) Benzo(b)fluoranthene	23.198	252	3041856	20.954	ng/ul	95
91) Benzo(k)fluoranthene	23.245	252	2972451	20.809	ng/ul	98
93) Benzo(a)pyrene	23.833	252	2726377	21.452	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	3529019	22.917	ng/ul	97
95) Dibenzo(a,h)anthracene	26.486	278	2967181	23.339	ng/ul	97
96) Benzo(g,h,i)perylene	27.239	276	2875945	23.016	ng/ul	98

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

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