Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032823\
Data File : BN024561.D
Acq On : 27 Mar 2023 13:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 28 00:59:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 28 00:57:32 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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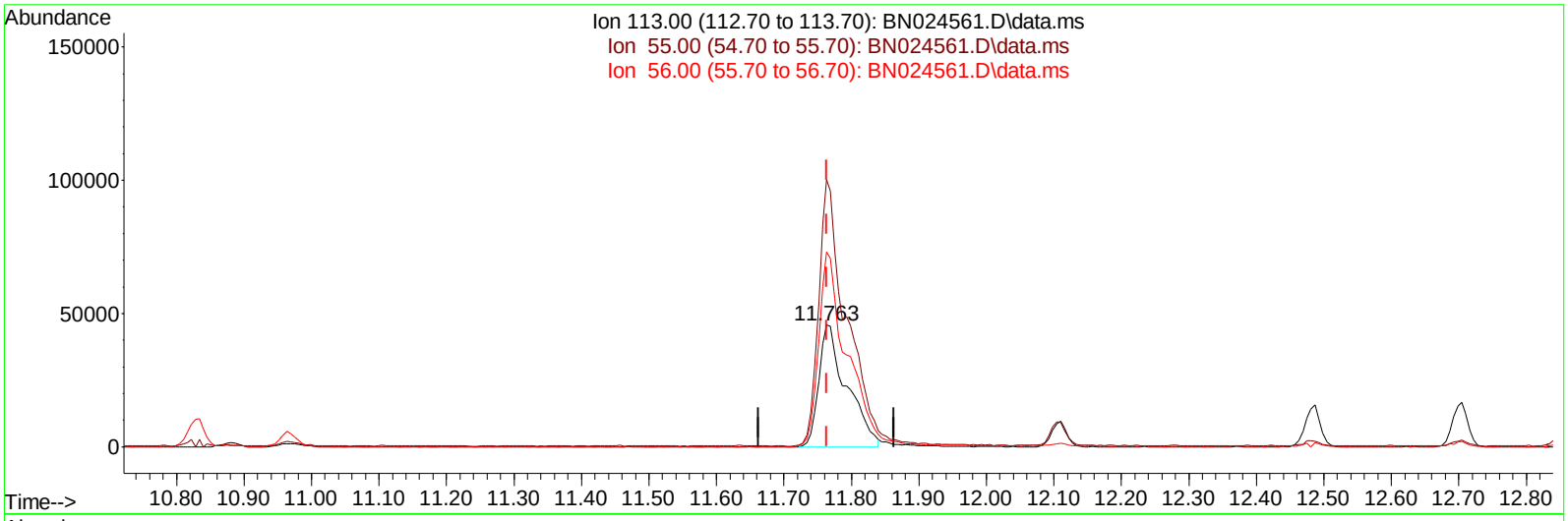
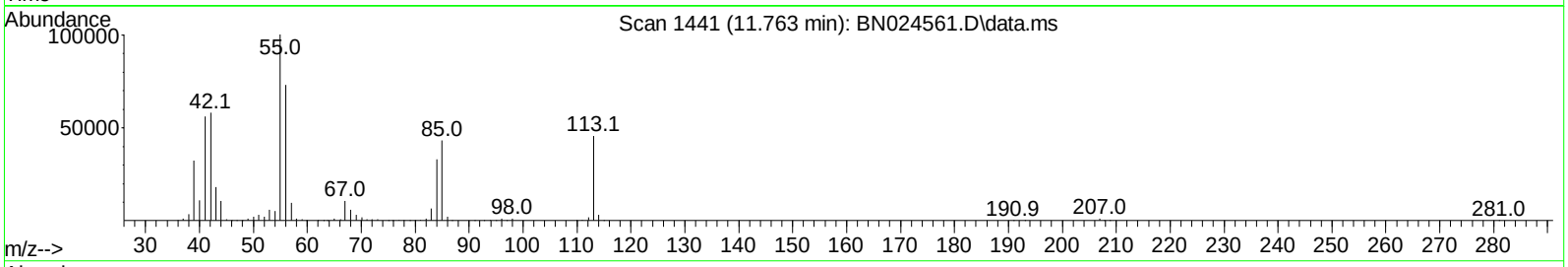
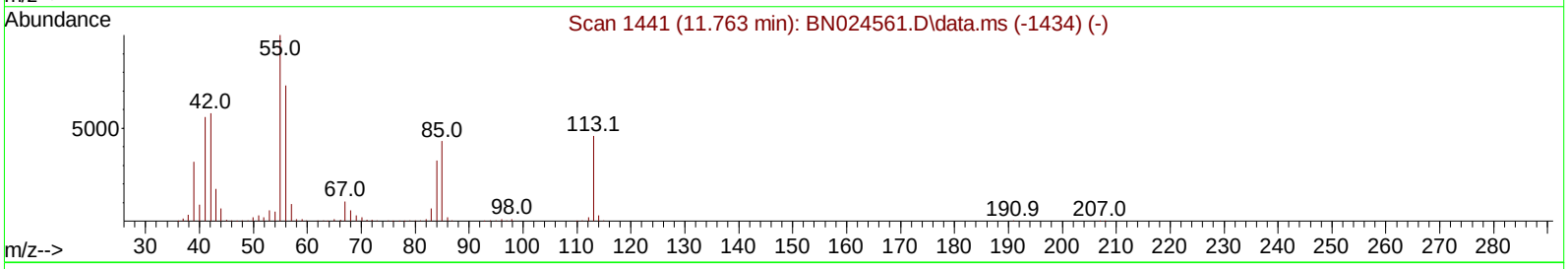
Supervised By :Jagrut Upadhyay 03/28/2023







TIC: BN024561.D\data.ms

(34) Caprolactam

11.763min (0.000) 20.06 ng/ul

response 131398

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.30	219.26
56.00	138.80	159.76
0.00	0.00	0.00

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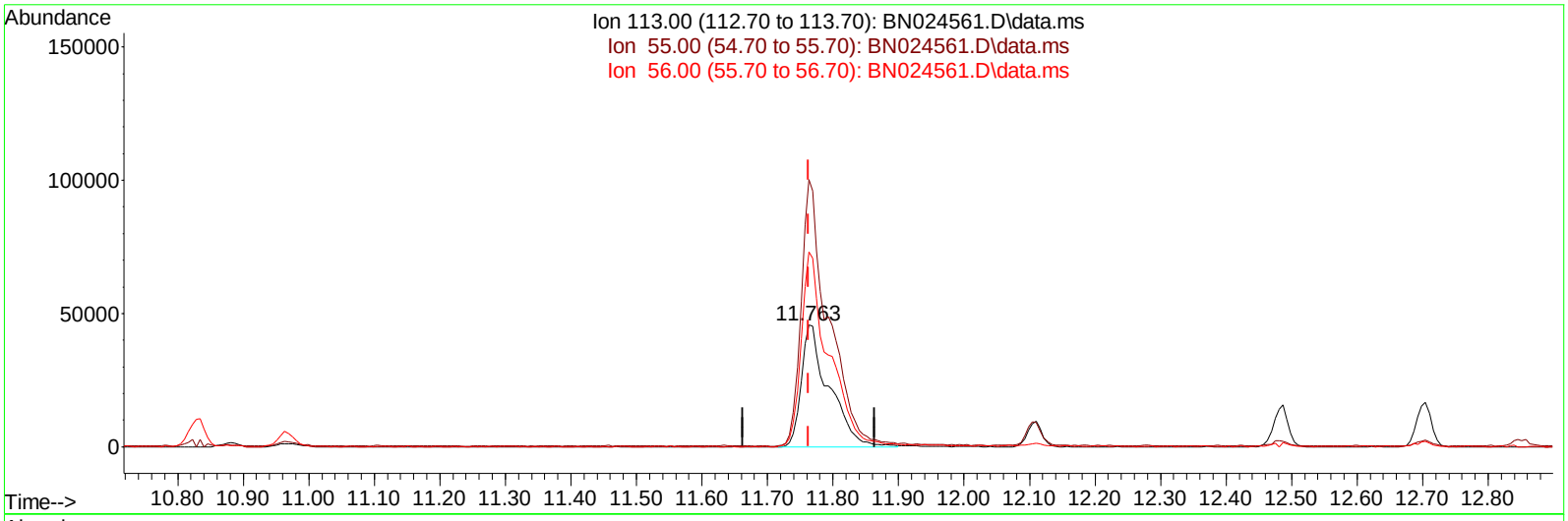

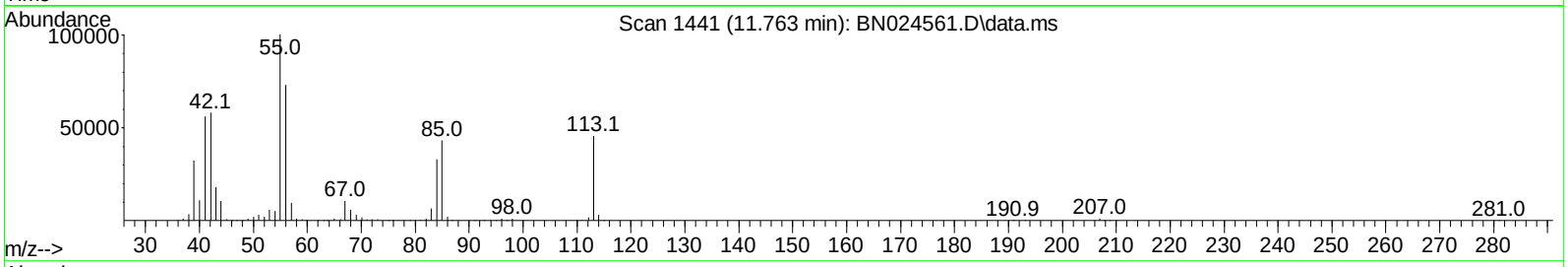

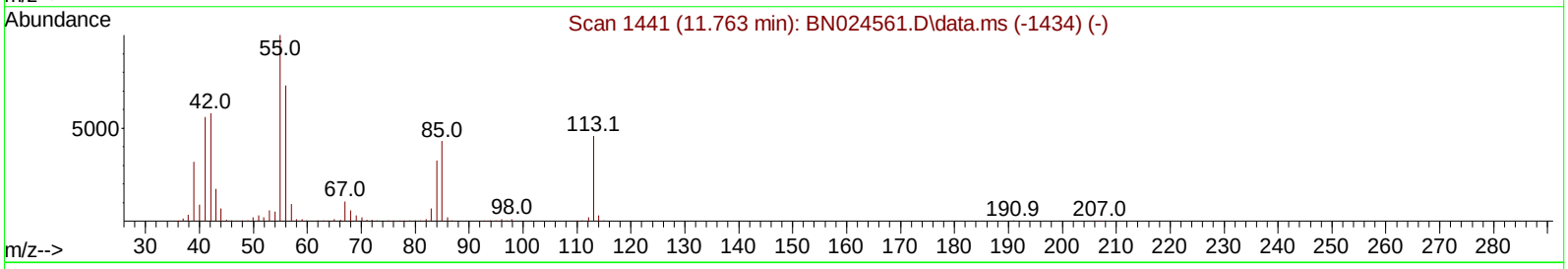

TIC: BN024561.D\data.ms

(34) Caprolactam

11.763min (0.000) 20.59 ng/ul m

response 134847

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.30	219.26
56.00	138.80	159.76
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	8.010	152	284835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1245831	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	778576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1636285	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1616105	20.000	ng/ul	0.00
88) Perylene-d12	24.068	264	1725100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	64711	8.863	ng/uL	0.00
4) Pyridine-d5	3.811	84	465197	23.025	ng/ul	0.00
7) Phenol-d5	7.169	99	565802	22.145	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	380685	23.267	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	431401	21.987	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	440762	21.701	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	208908	25.836	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	223618	25.360	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	419888	22.068	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	629481	22.174	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1280296	21.307	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1464330	20.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	249809	21.758	ng/ul	0.00
60) Fluorene-d10	15.639	176	1105241	21.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	199021	22.576	ng/ul	0.00
73) Anthracene-d10	17.498	188	1693350	21.943	ng/ul	0.00
81) Pyrene-d10	19.786	212	1944006	20.582	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	1952165	22.764	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	69186	8.750	ng/uL#	93
5) Pyridine	3.828	79	484157	23.148	ng/ul	88
6) Benzaldehyde	7.146	77	331382	26.696	ng/ul	93
8) Phenol	7.193	94	592980	22.389	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.428	93	478981	22.318	ng/ul	95
12) 2-Chlorophenol	7.569	128	446587	21.923	ng/ul	96
13) 2-Methylphenol	8.457	108	433981	21.790	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	876751	25.749	ng/ul	97
16) Acetophenone	8.840	105	722450	22.913	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.828	70	379716	24.527	ng/ul#	89
18) 4-Methylphenol	8.787	108	486417	22.189	ng/ul	99
19) Hexachloroethane	9.099	117	178834	22.356	ng/ul	99
22) Nitrobenzene	9.222	77	561652	25.658	ng/ul	98
23) Isophorone	9.752	82	1031527	21.561	ng/ul	98
25) 2-Nitrophenol	9.940	139	248410	24.524	ng/ul	98
26) 2,4-Dimethylphenol	9.993	107	520921	22.564	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.234	93	656380	22.095	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	421749	21.961	ng/ul	99
30) Naphthalene	10.881	128	1483421	21.637	ng/ul	99
32) 4-Chloroaniline	10.993	127	640210	22.364	ng/ul	100
33) Hexachlorobutadiene	11.163	225	244894	20.924	ng/ul	96
34) Caprolactam	11.763	113	134847m	20.590	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	480092	22.693	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.481	142	970178	21.493	ng/ul	97
37)	1-Methylnaphthalene	12.704	142	981110	21.688	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.851	216	488702	20.859	ng/ul	97
40)	Hexachlorocyclopentadiene	12.828	237	311046	24.634	ng/ul	99
41)	2,4,6-Trichlorophenol	13.087	196	316267	20.606	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	357631	21.636	ng/ul	96
43)	1,1'-Biphenyl	13.487	154	1307369	21.080	ng/ul	97
44)	2-Chloronaphthalene	13.534	162	1031462	21.346	ng/ul	98
45)	2-Nitroaniline	13.734	65	326836	31.046	ng/ul	89
47)	Dimethylphthalate	14.104	163	1265160	20.890	ng/ul	100
48)	2,6-Dinitrotoluene	14.228	165	240466	26.974	ng/ul	98
50)	Acenaphthylene	14.375	152	1613334	21.406	ng/ul	98
51)	3-Nitroaniline	14.557	138	258861	23.889	ng/ul	99
52)	Acenaphthene	14.716	153	1118420	21.754	ng/ul	98
53)	2,4-Dinitrophenol	14.757	184	138370	22.420	ng/ul	92
55)	4-Nitrophenol	14.857	109	220566	25.217	ng/ul	96
56)	Dibenzofuran	15.051	168	1540355	21.326	ng/ul	98
57)	2,4-Dinitrotoluene	15.010	165	349111	24.844	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.275	232	309202	21.761	ng/ul	98
59)	Diethylphthalate	15.469	149	1276123	21.139	ng/ul	100
61)	Fluorene	15.698	166	1270753	22.457	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.692	204	599400	22.154	ng/ul	98
63)	4-Nitroaniline	15.722	138	268363	25.610	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.775	198	207410	23.258	ng/ul	96
67)	N-Nitrosodiphenylamine	15.904	169	1074046	22.166	ng/ul	99
68)	4-Bromophenyl-phenylether	16.586	248	348854	21.444	ng/ul	96
69)	Hexachlorobenzene	16.704	284	415765	21.008	ng/ul	99
70)	Atrazine	16.851	200	366035	22.316	ng/ul	97
71)	Pentachlorophenol	17.045	266	268339	21.918	ng/ul	94
72)	Phenanthrene	17.439	178	2016800	22.249	ng/ul	98
74)	Anthracene	17.534	178	2058269	22.521	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.451	216	508124	21.306	ng/uL	100
76)	Pentachlorobenzene	14.969	250	491673	21.159	ng/uL	93
77)	Carbazole	17.804	167	1889037	23.080	ng/ul	99
78)	Di-n-butylphthalate	18.363	149	2234102	22.931	ng/ul	99
80)	Fluoranthene	19.451	202	2319761	21.127	ng/ul	97
82)	Pyrene	19.816	202	2481467	21.420	ng/ul	100
83)	Butylbenzylphthalate	20.710	149	982247	33.295	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.498	252	731734	23.492	ng/ul	96
85)	Benzo(a)anthracene	21.569	228	2397743	21.285	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.486	149	1457173	29.763	ng/ul	99
87)	Chrysene	21.627	228	2289990	21.238	ng/ul	94
89)	Di-n-octyl phthalate	22.439	149	2504067	27.141	ng/ul	100
90)	Benzo(b)fluoranthene	23.310	252	2399214	22.090	ng/ul	97
91)	Benzo(k)fluoranthene	23.357	252	2414856	22.480	ng/ul	99
93)	Benzo(a)pyrene	23.963	252	2163849	22.497	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.662	276	2651334	21.889	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.674	278	2198304	22.288	ng/ul	98
96)	Benzo(g,h,i)perylene	27.462	276	2136974	21.383	ng/ul	99

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

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