Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018978.D
Acq On : 16 Mar 2022 09:54
Operator : CG/JU
Sample : PB143210BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 16 14:53:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 15:17:15 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS210

Manual IntegrationsAPPROVED

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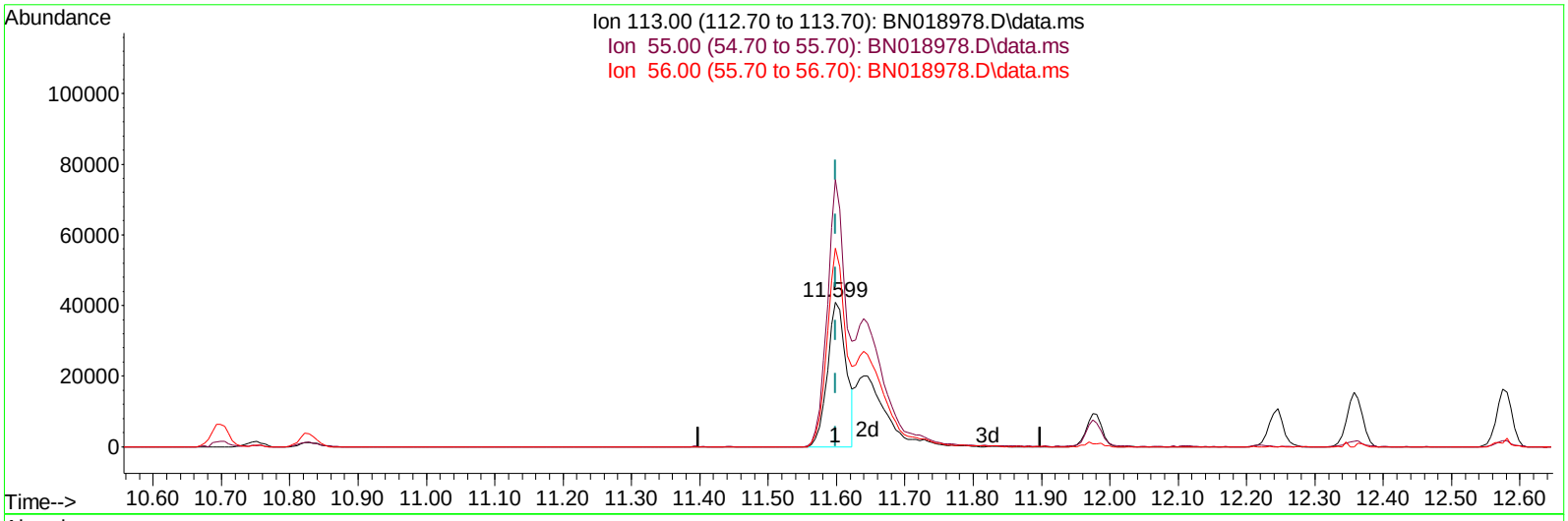
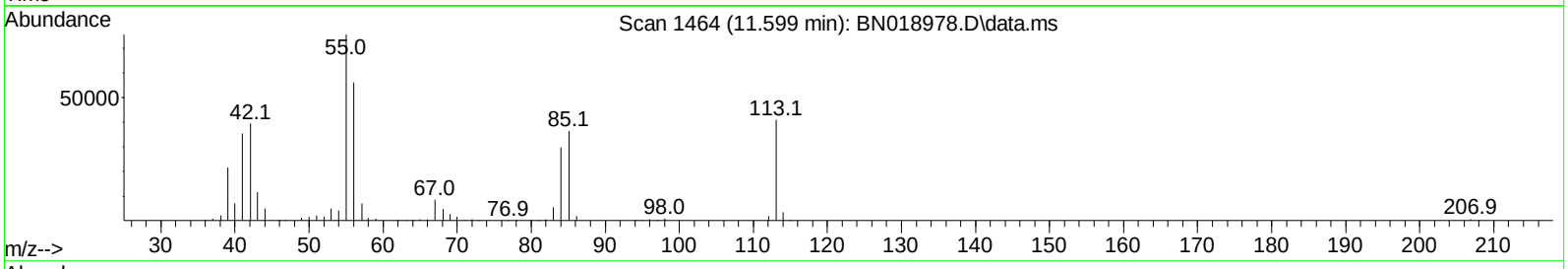
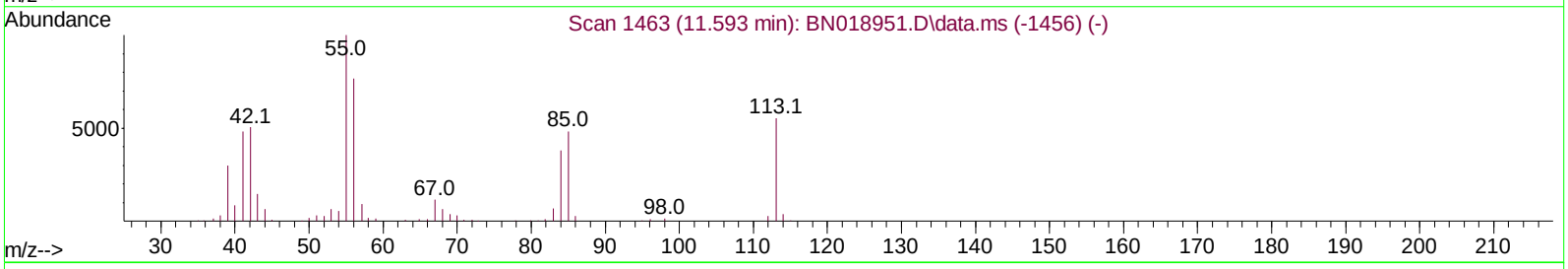
Supervised By :Yogesh Patel 03/18/2022







TIC: BN018978.D\data.ms

(34) Caprolactam

11.599min (+ 0.000) 17.27 ng/ul

response 78355

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	184.39
56.00	133.10	137.26
0.00	0.00	0.00

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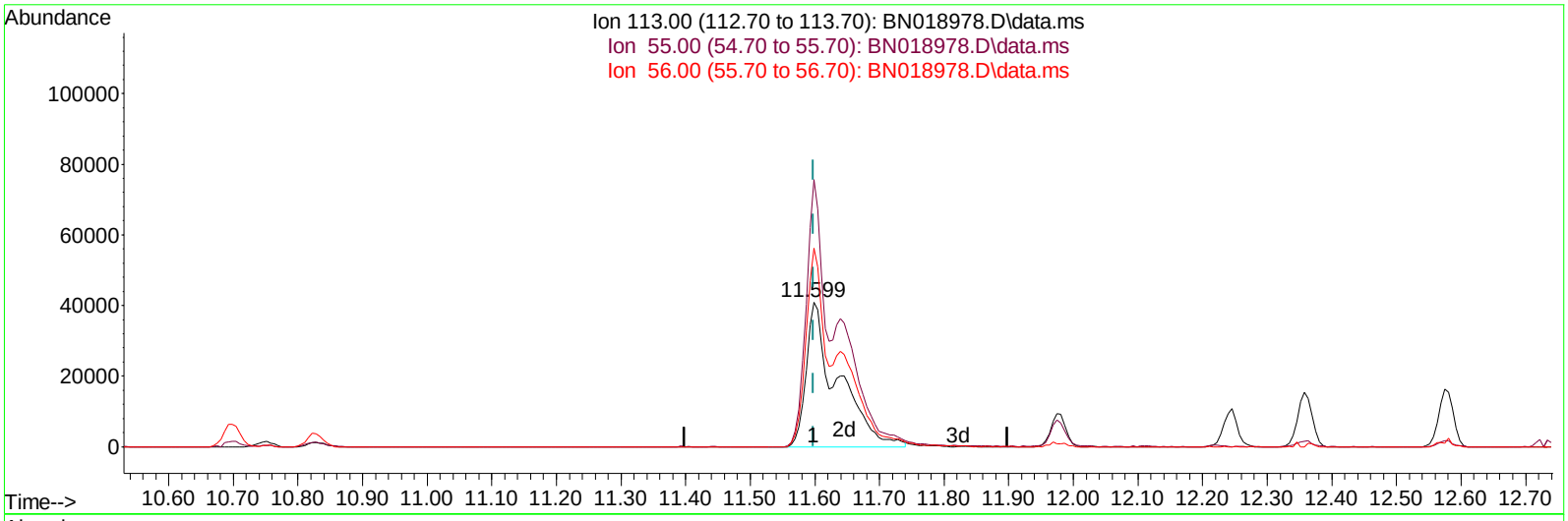

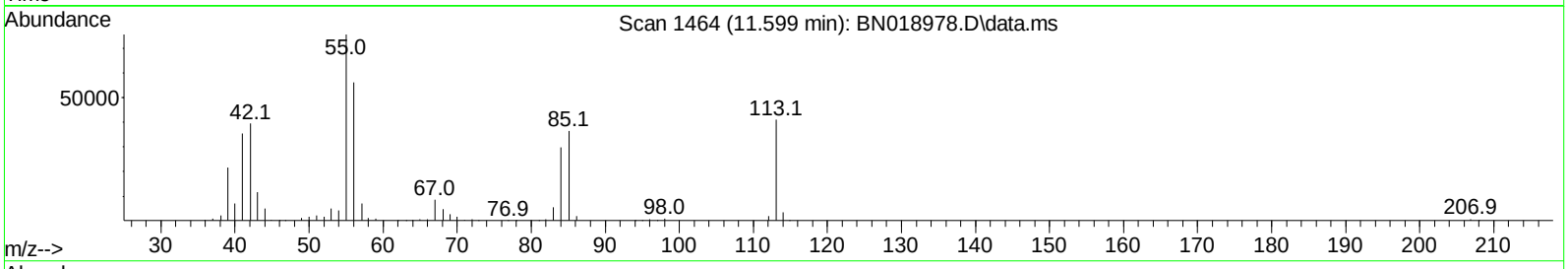

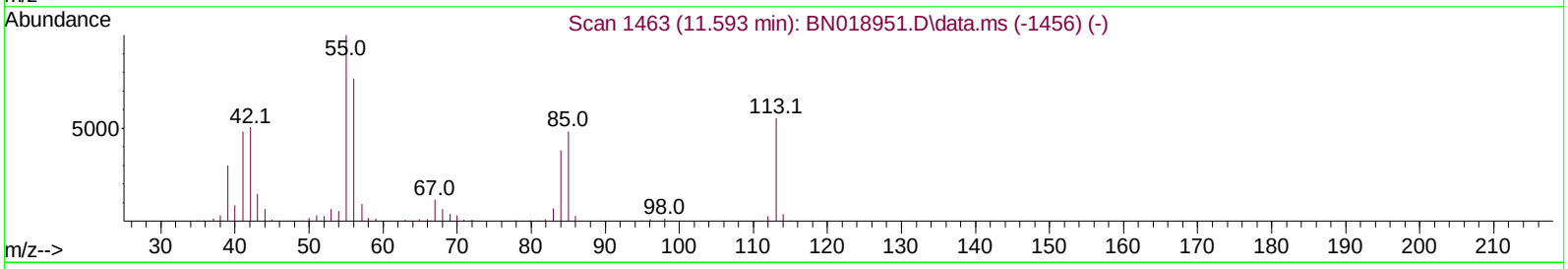

TIC: BN018978.D\data.ms

(34) Caprolactam

11.599min (+ 0.000) 30.73 ng/ul m

response 139421

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	184.39
56.00	133.10	137.26
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	7.893	152	208651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	898025	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	573710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1206113	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	1139558	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	1051098	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	29406	5.876	ng/uL	0.00
4) Pyridine-d5	3.675	84	392572	29.505	ng/ul	0.00
7) Phenol-d5	7.046	99	569304	31.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	345048	31.054	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	432542	31.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	447519	31.196	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	214913	31.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	246960	32.390	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	443386	31.994	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	544198	28.488	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1320864	31.206	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1644735	31.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	248477	31.979	ng/ul	0.00
60) Fluorene-d10	15.516	176	1121192	31.661	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	229102	30.950	ng/ul	0.00
73) Anthracene-d10	17.363	188	1684144	30.130	ng/ul	0.00
81) Pyrene-d10	19.657	212	1960835	27.600	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1686383	31.457	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	56719	11.296	ng/uL	97
5) Pyridine	3.699	79	410458	29.378	ng/ul	99
6) Benzaldehyde	7.022	77	340930	35.578	ng/ul	97
8) Phenol	7.075	94	551136	30.627	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	436130	30.304	ng/ul	99
12) 2-Chlorophenol	7.452	128	419953	30.088	ng/ul	97
13) 2-Methylphenol	8.334	108	413318	30.616	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	635992	30.249	ng/ul	100
16) Acetophenone	8.710	105	657203	30.709	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	345030	30.384	ng/ul	98
18) 4-Methylphenol	8.663	108	455663	31.065	ng/ul	98
19) Hexachloroethane	8.981	117	171224	29.435	ng/ul	99
22) Nitrobenzene	9.093	77	510653	30.161	ng/ul	99
23) Isophorone	9.622	82	980301	30.486	ng/ul	100
25) 2-Nitrophenol	9.810	139	244685	30.900	ng/ul	98
26) 2,4-Dimethylphenol	9.869	107	492771	29.390	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.105	93	599018	30.254	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	415956	30.472	ng/ul	99
30) Naphthalene	10.752	128	1364107	29.921	ng/ul	100
32) 4-Chloroaniline	10.852	127	530193	27.829	ng/ul	99
33) Hexachlorobutadiene	11.046	225	266941	29.464	ng/ul	98
34) Caprolactam	11.599	113	139421m	30.727	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	471779	30.675	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.357	142	932912	29.800	ng/ul	97
37) 1-Methylnaphthalene	12.575	142	964174	30.433	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	506094	29.793	ng/ul	100
40) Hexachlorocyclopentadiene	12.716	237	271572	27.766	ng/ul	98
41) 2,4,6-Trichlorophenol	12.963	196	331941	30.943	ng/ul	95
42) 2,4,5-Trichlorophenol	13.034	196	361744	30.481	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1294350	30.509	ng/ul	100
44) 2-Chloronaphthalene	13.404	162	994684	30.395	ng/ul	100
45) 2-Nitroaniline	13.604	65	318886	32.093	ng/ul	98
47) Dimethylphthalate	13.981	163	1266482	30.624	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	265862	32.554	ng/ul	97
50) Acenaphthylene	14.251	152	1566391	30.079	ng/ul	99
51) 3-Nitroaniline	14.422	138	245278	29.149	ng/ul	95
52) Acenaphthene	14.593	153	1016525	30.239	ng/ul	99
53) 2,4-Dinitrophenol	14.628	184	145732	27.856	ng/ul	95
55) 4-Nitrophenol	14.728	109	202127	30.909	ng/ul	97
56) Dibenzofuran	14.928	168	1467069	30.214	ng/ul	100
57) 2,4-Dinitrotoluene	14.881	165	380215	31.950	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.151	232	294942	30.824	ng/ul	99
59) Diethylphthalate	15.345	149	1267573	30.446	ng/ul	99
61) Fluorene	15.575	166	1146752	30.269	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	569853	29.637	ng/ul	96
63) 4-Nitroaniline	15.581	138	261955	32.463	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.651	198	217524	29.918	ng/ul	100
67) N-Nitrosodiphenylamine	15.775	169	1023463	29.645	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	358892	29.861	ng/ul	98
69) Hexachlorobenzene	16.581	284	414286	30.244	ng/ul	97
70) Atrazine	16.728	200	388331	30.082	ng/ul	97
71) Pentachlorophenol	16.922	266	237108	28.500	ng/ul	98
72) Phenanthrene	17.310	178	1878440	29.684	ng/ul	99
74) Anthracene	17.404	178	1886415	29.748	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.334	216	532976	29.373	ng/uL	97
76) Pentachlorobenzene	14.851	250	515977	31.172	ng/uL	96
77) Carbazole	17.669	167	1727162	31.387	ng/ul	98
78) Di-n-butylphthalate	18.233	149	2134929	31.021	ng/ul	98
80) Fluoranthene	19.322	202	2263781	27.514	ng/ul	100
82) Pyrene	19.686	202	2292331	27.491	ng/ul	99
83) Butylbenzylphthalate	20.580	149	964238	29.009	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	683537	30.548	ng/ul	97
85) Benzo(a)anthracene	21.433	228	2189800	30.044	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.363	149	1403845	29.411	ng/ul	98
87) Chrysene	21.486	228	2142350	30.381	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	2499328	29.417	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2140844	30.661	ng/ul	98
91) Benzo(k)fluoranthene	23.157	252	1977615	30.488	ng/ul	97
93) Benzo(a)pyrene	23.733	252	1930501	30.001	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.310	276	1894746	28.521	ng/ul	98
95) Dibenzo(a,h)anthracene	26.327	278	1657407	28.936	ng/ul	98
96) Benzo(g,h,i)perylene	27.074	276	1541169	27.369	ng/ul	98

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

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