Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031022\
Data File : BN018896.D
Acq On : 10 Mar 2022 10:04
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 10 12:05:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 14:15:20 2022
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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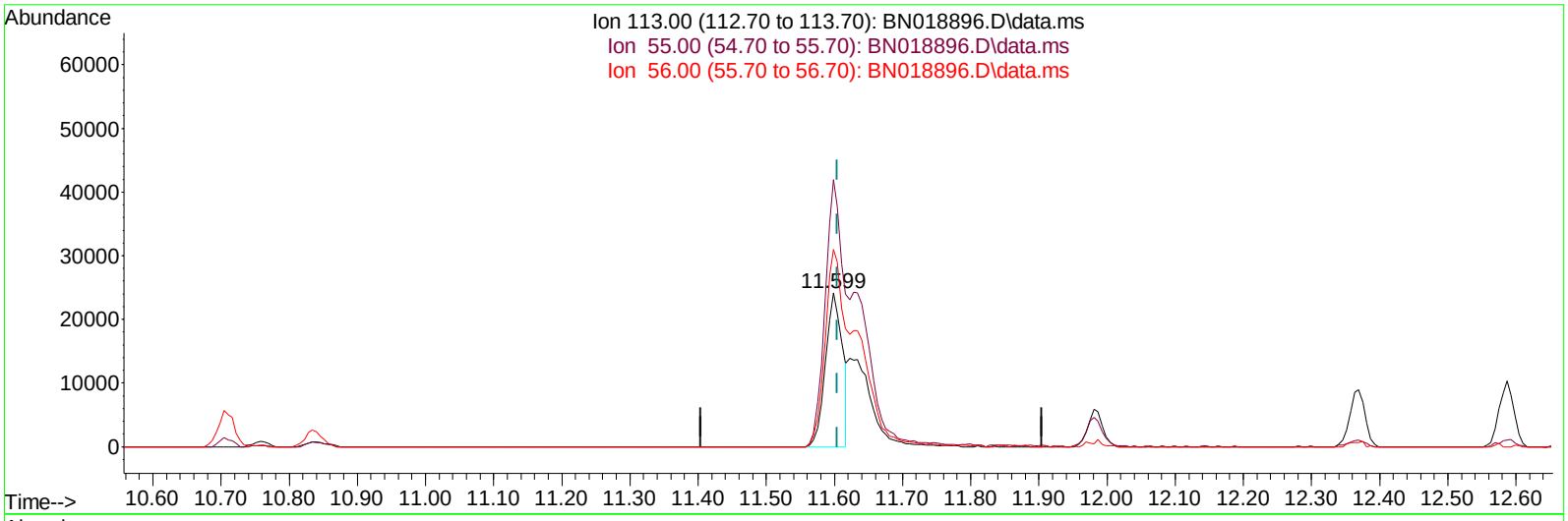
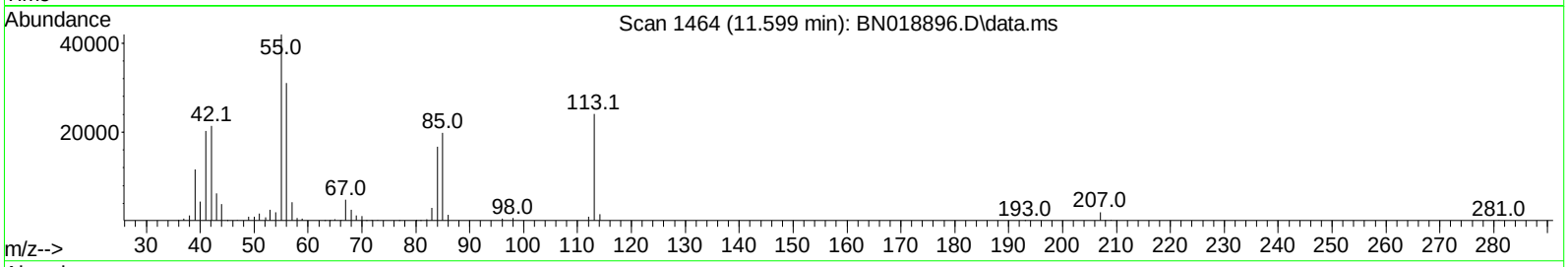
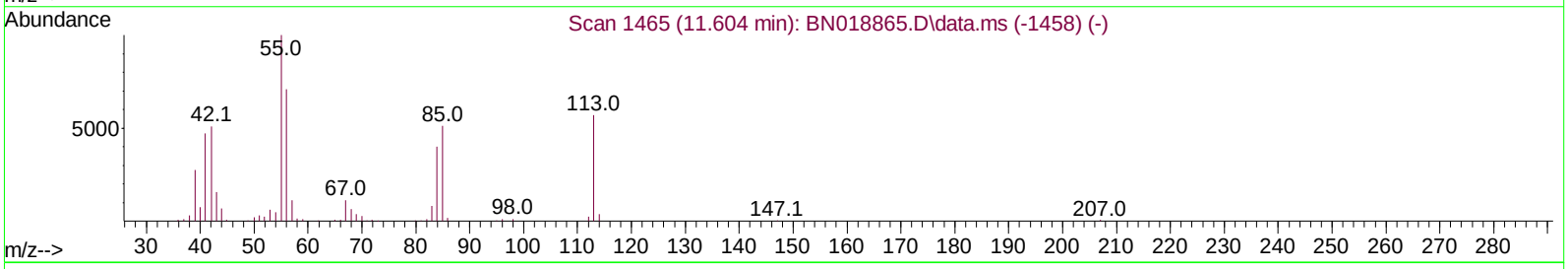
Supervised By :mohammad ahmed 03/16/2022







TIC: BN018896.D\data.ms

(34) Caprolactam

11.599min (-0.006) 9.92 ng/ul

response 41890

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	173.62
56.00	133.10	128.33
0.00	0.00	0.00

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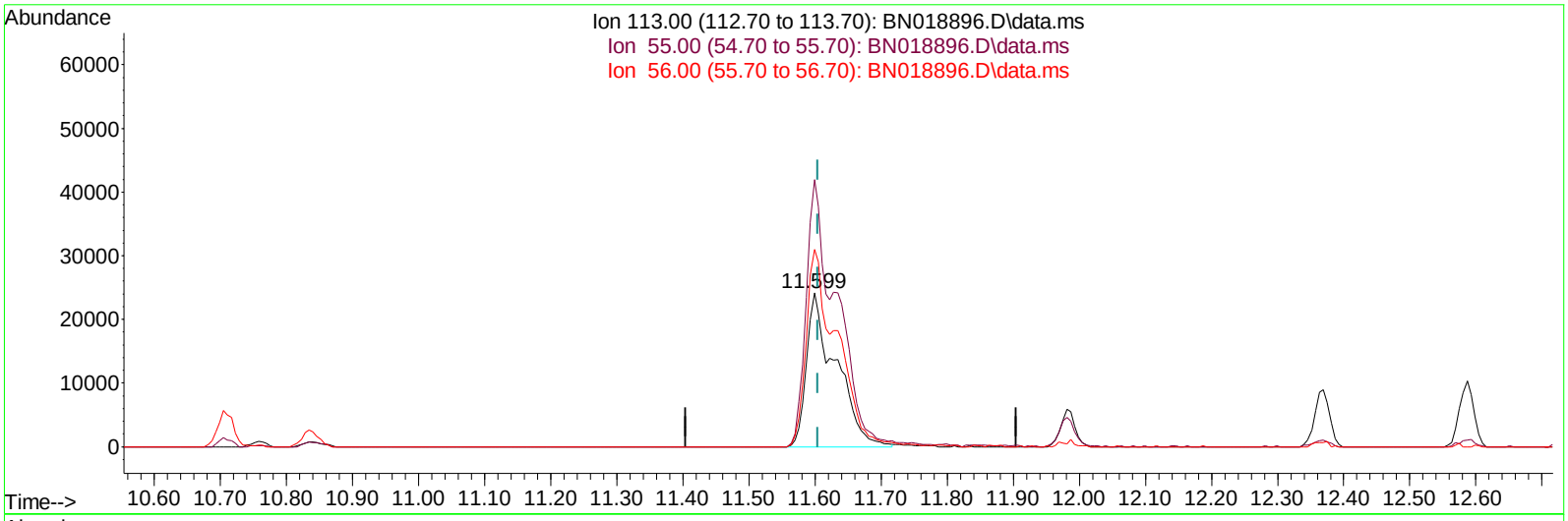

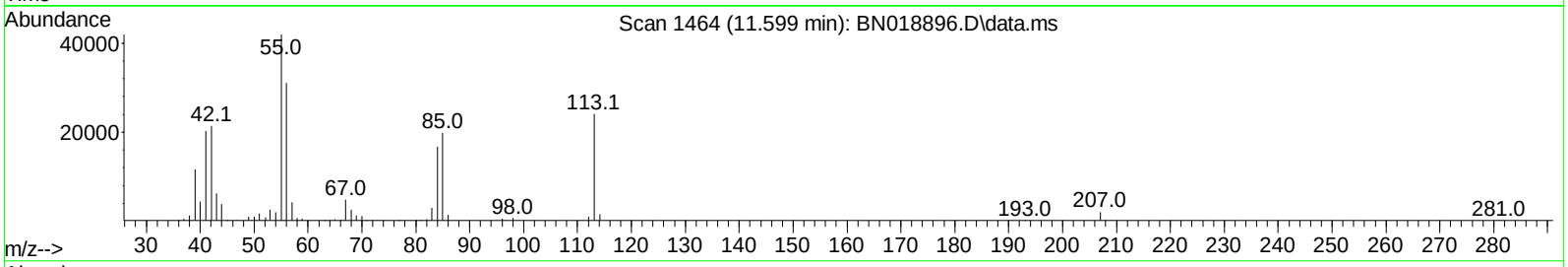

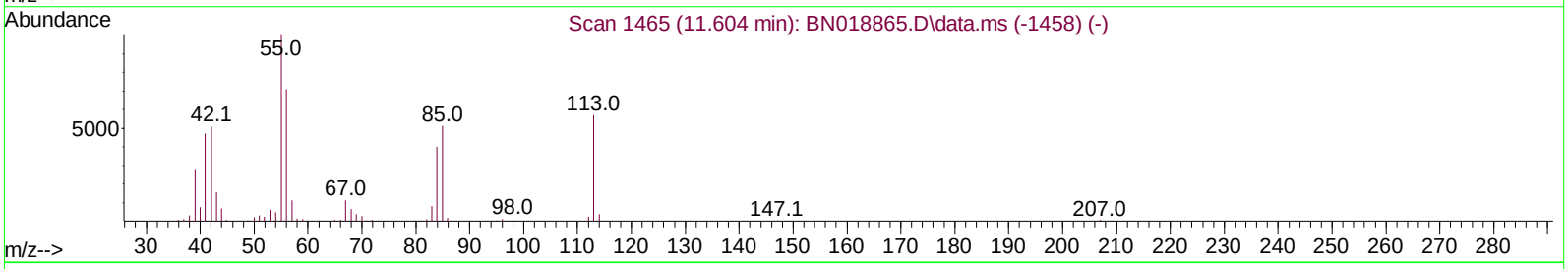

TIC: BN018896.D\data.ms

(34) Caprolactam

11.599min (-0.006) 17.60 ng/ul m

response 74302

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	173.62
56.00	133.10	128.33
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	7.899	152	154754	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	706641	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	492236	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	1058321	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	1128365	20.000	ng/ul	0.00
88) Perylene-d12	23.839	264	1246592	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	29549	7.637	ng/uL	0.00
4) Pyridine-d5	3.687	84	224241	18.940	ng/ul	0.00
7) Phenol-d5	7.052	99	289559	19.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	183541	20.169	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	212624	19.637	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	234712	19.105	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	106723	19.662	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	118039	19.793	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	232505	20.382	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	360809	21.005	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	738877	19.826	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	928288	20.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	141103	18.695	ng/ul	0.00
60) Fluorene-d10	15.528	176	646144	19.946	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	119135	18.164	ng/ul	0.00
73) Anthracene-d10	17.369	188	1020491	20.160	ng/ul	0.00
81) Pyrene-d10	19.663	212	1237049	20.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.686	264	1304132	20.073	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	33291	7.927	ng/uL	97
5) Pyridine	3.711	79	238225	19.510	ng/ul	99
6) Benzaldehyde	7.028	77	136101	17.689	ng/ul	96
8) Phenol	7.081	94	310726	19.657	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.317	93	245428	20.128	ng/ul	99
12) 2-Chlorophenol	7.464	128	228837	19.931	ng/ul	98
13) 2-Methylphenol	8.340	108	226212	19.169	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	356399	20.474	ng/ul	99
16) Acetophenone	8.722	105	386518	20.302	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	194122	20.007	ng/ul	99
18) 4-Methylphenol	8.669	108	255188	19.335	ng/ul	97
19) Hexachloroethane	8.993	117	88253	19.699	ng/ul	98
22) Nitrobenzene	9.099	77	290431	20.617	ng/ul	99
23) Isophorone	9.628	82	529645	19.674	ng/ul	99
25) 2-Nitrophenol	9.816	139	135610	20.461	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	294162	20.435	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.111	93	340173	20.017	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	237676	20.478	ng/ul	99
30) Naphthalene	10.758	128	794277	20.397	ng/ul	99
32) 4-Chloroaniline	10.858	127	381193	21.388	ng/ul	99
33) Hexachlorobutadiene	11.052	225	148673	20.389	ng/ul	98
34) Caprolactam	11.599	113	74302m	17.604	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	273889	20.150	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	558558	20.402	ng/ul	98
37) 1-Methylnaphthalene	12.587	142	579802	20.507	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	300960	19.998	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	165445	18.711	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	190087	19.539	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	214365	19.948	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	770467	19.914	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	596611	20.024	ng/ul	99
45) 2-Nitroaniline	13.610	65	173135	19.497	ng/ul	95
47) Dimethylphthalate	13.987	163	744093	19.473	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	145904	19.926	ng/ul	98
50) Acenaphthylene	14.257	152	976390	20.126	ng/ul	99
51) 3-Nitroaniline	14.428	138	98072	13.827	ng/ul	93
52) Acenaphthene	14.599	153	619926	19.520	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	70069	14.969	ng/ul	97
55) 4-Nitrophenol	14.728	109	122830	18.900	ng/ul	97
56) Dibenzofuran	14.934	168	915857	19.964	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	220597	20.017	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.157	232	173510	19.631	ng/ul	97
59) Diethylphthalate	15.351	149	749808	19.716	ng/ul	98
61) Fluorene	15.581	166	727695	20.148	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	358337	20.140	ng/ul	98
63) 4-Nitroaniline	15.587	138	85608	12.962	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.651	198	126793	18.973	ng/ul#	95
67) N-Nitrosodiphenylamine	15.781	169	639710	20.271	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	213999	19.617	ng/ul	97
69) Hexachlorobenzene	16.587	284	247051	19.751	ng/ul	97
70) Atrazine	16.728	200	226490	19.155	ng/ul	98
71) Pentachlorophenol	16.928	266	140115	17.978	ng/ul	99
72) Phenanthrene	17.316	178	1217952	20.201	ng/ul	99
74) Anthracene	17.410	178	1215274	20.213	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.340	216	326373	19.943	ng/uL	93
76) Pentachlorobenzene	14.857	250	299515	20.227	ng/uL	94
77) Carbazole	17.675	167	1126432	20.749	ng/ul	97
78) Di-n-butylphthalate	18.239	149	1236546	20.268	ng/ul	100
80) Fluoranthene	19.328	202	1470890	20.349	ng/ul	99
82) Pyrene	19.692	202	1509526	20.443	ng/ul	98
83) Butylbenzylphthalate	20.586	149	581110	20.671	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	436184	17.838	ng/ul	95
85) Benzo(a)anthracene	21.433	228	1577216	20.688	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.363	149	884531	20.909	ng/ul	98
87) Chrysene	21.486	228	1501177	20.334	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	1523395	19.500	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1656696	19.646	ng/ul	97
91) Benzo(k)fluoranthene	23.157	252	1613908	20.623	ng/ul	97
93) Benzo(a)pyrene	23.733	252	1625738	19.916	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	1869452	20.675	ng/ul	98
95) Dibenzo(a,h)anthracene	26.339	278	1573647	19.630	ng/ul	97
96) Benzo(g,h,i)perylene	27.080	276	1554227	19.318	ng/ul	96

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

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