Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022710.D
Acq On : 17 Nov 2022 06:25
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Nov 17 07:03:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 07:00:26 2022
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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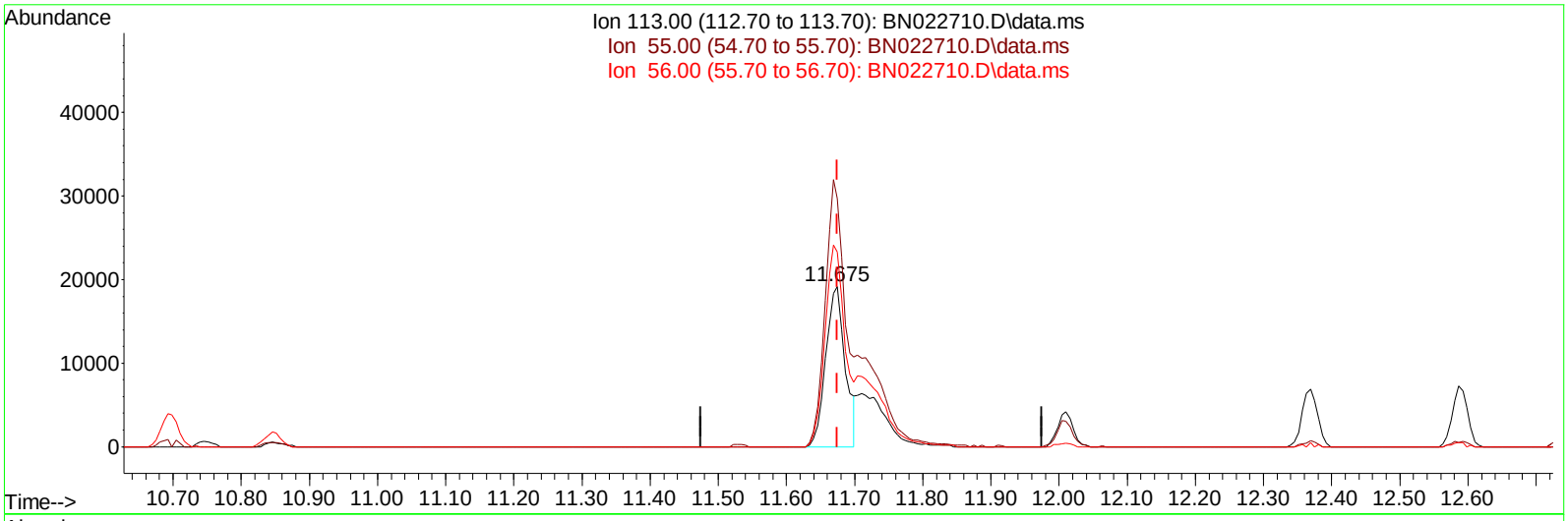
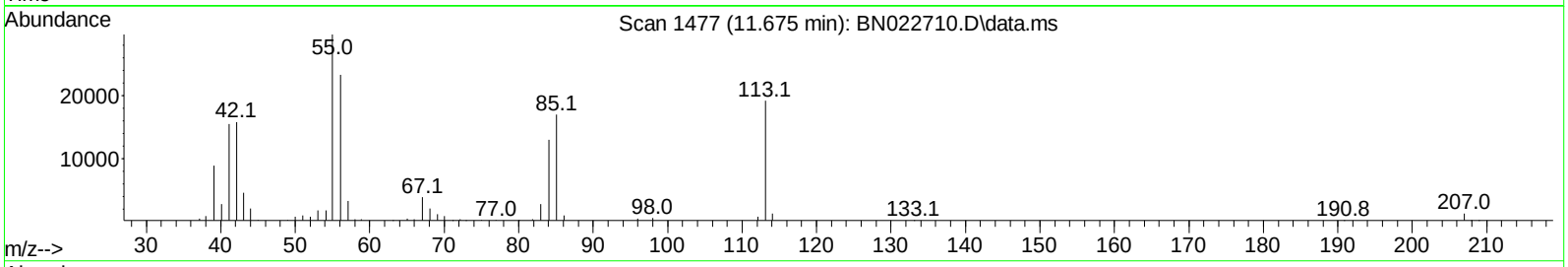
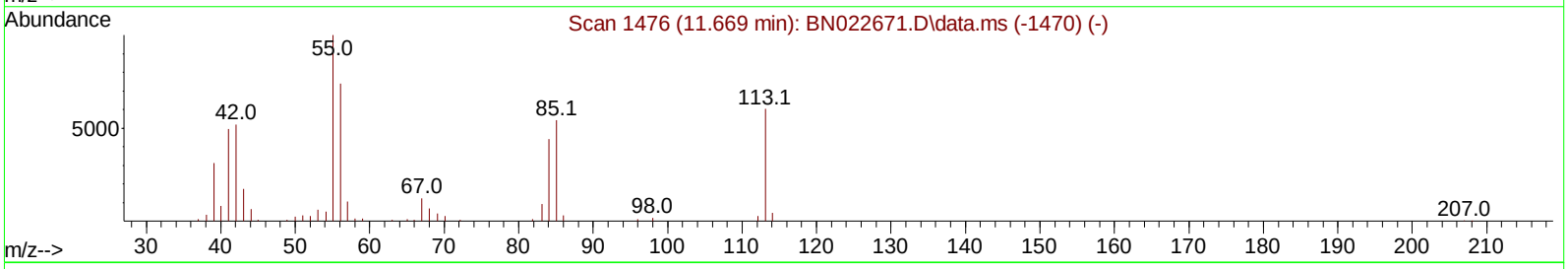
Supervised By :mohammad ahmed 11/18/2022







TIC: BN022710.D\data.ms

(34) Caprolactam

11.675min (0.000) 12.73 ng/ul

response 37996

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	154.90
56.00	129.70	121.63
0.00	0.00	0.00

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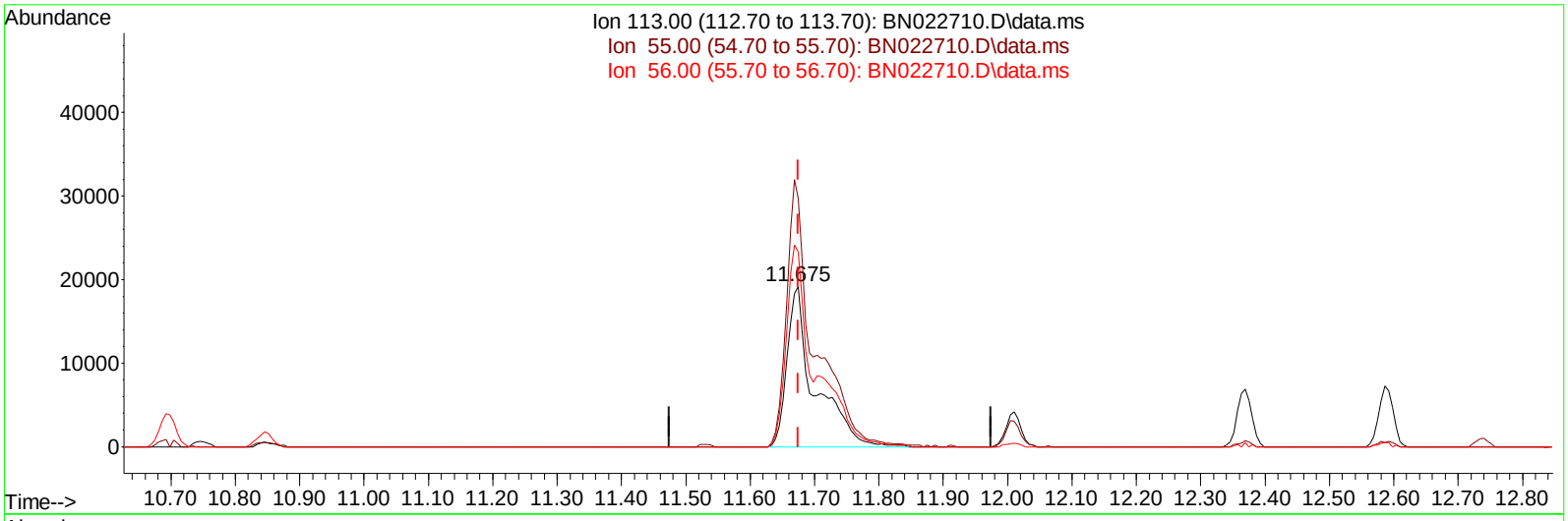

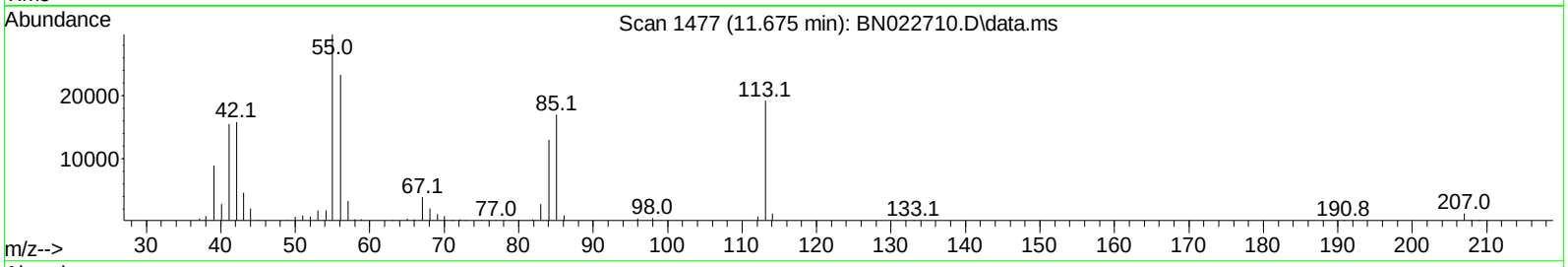

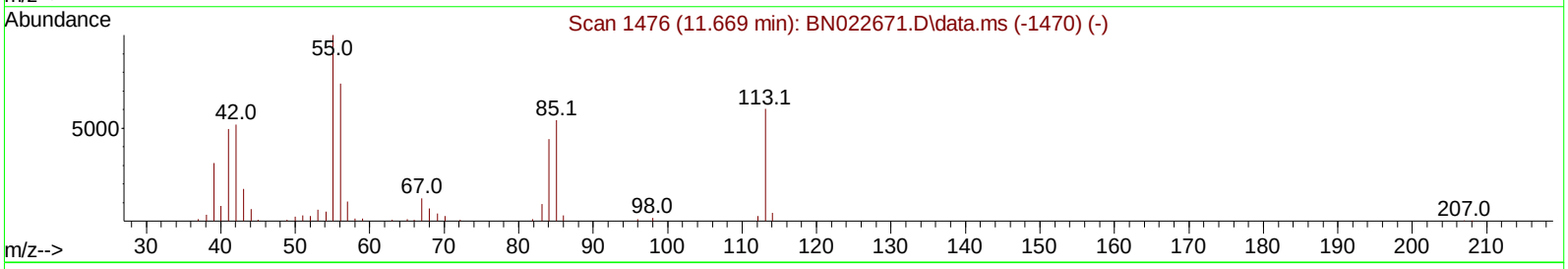

TIC: BN022710.D\data.ms

(34) Caprolactam

11.675min (0.000) 19.18 ng/ul m

response 57253

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	154.90
56.00	129.70	121.63
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	7.869	152	119443	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	525715	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	324638	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.316	188	652645	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	588762	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	562207	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	24879	7.111	ng/uL	0.00
4) Pyridine-d5	3.622	84	185220	18.721	ng/ul	0.00
7) Phenol-d5	7.040	99	217259	19.259	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	138365	20.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	165852	20.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	179072	20.107	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	85095	20.912	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	93906	20.682	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	161138	20.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	240458	20.394	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	468016	19.820	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	546886	21.020	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	88601	18.822	ng/ul	0.00
60) Fluorene-d10	15.551	176	391971	20.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	72601	17.501	ng/ul	0.00
73) Anthracene-d10	17.416	188	582043	20.367	ng/ul	0.00
81) Pyrene-d10	19.721	212	625272	20.493	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	561539	19.869	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	25405	6.824	ng/uL#	93
5) Pyridine	3.646	79	178504	18.196	ng/ul	98
6) Benzaldehyde	7.005	77	134588	23.581	ng/ul	97
8) Phenol	7.069	94	232830	19.816	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	180507	19.716	ng/ul	97
12) 2-Chlorophenol	7.428	128	175568	19.902	ng/ul	98
13) 2-Methylphenol	8.328	108	171111	19.566	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	243992	20.189	ng/ul	99
16) Acetophenone	8.710	105	285419	20.079	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.699	70	151993	20.063	ng/ul	98
18) 4-Methylphenol	8.663	108	189374	19.942	ng/ul	97
19) Hexachloroethane	8.951	117	74468	19.938	ng/ul	100
22) Nitrobenzene	9.093	77	224209	20.337	ng/ul	99
23) Isophorone	9.628	82	412339	19.553	ng/ul	100
25) 2-Nitrophenol	9.810	139	102880	20.610	ng/ul	97
26) 2,4-Dimethylphenol	9.875	107	216090	20.180	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	243323	20.008	ng/ul	99
29) 2,4-Dichlorophenol	10.351	162	164444	20.902	ng/ul	100
30) Naphthalene	10.746	128	567440	20.336	ng/ul	99
32) 4-Chloroaniline	10.869	127	244238	19.835	ng/ul	98
33) Hexachlorobutadiene	11.022	225	101122	20.882	ng/ul	98
34) Caprolactam	11.675	113	57253m	19.182	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	210753	20.540	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	386272	20.321	ng/ul	98
37) 1-Methylnaphthalene	12.587	142	382624	20.080	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	181447	20.823	ng/ul	97
40) Hexachlorocyclopentadiene	12.710	237	101477	19.946	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	126307	20.416	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	133649	20.400	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	493492	20.710	ng/ul	99
44) 2-Chloronaphthalene	13.428	162	375741	20.236	ng/ul	98
45) 2-Nitroaniline	13.645	65	139262	20.652	ng/ul	98
47) Dimethylphthalate	14.022	163	492895	19.860	ng/ul	98
48) 2,6-Dinitrotoluene	14.145	165	106045	21.108	ng/ul	98
50) Acenaphthylene	14.275	152	589625	20.287	ng/ul	99
51) 3-Nitroaniline	14.481	138	115269	21.309	ng/ul	99
52) Acenaphthene	14.622	153	415771	20.162	ng/ul	98
53) 2,4-Dinitrophenol	14.692	184	55524	15.814	ng/ul	95
55) 4-Nitrophenol	14.798	109	89286	19.135	ng/ul	98
56) Dibenzofuran	14.957	168	554721	20.359	ng/ul	100
57) 2,4-Dinitrotoluene	14.939	165	148436	20.289	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.186	232	111168	19.812	ng/ul	99
59) Diethylphthalate	15.386	149	516412	19.631	ng/ul	100
61) Fluorene	15.610	166	464828	20.428	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.604	204	214270	19.977	ng/ul	97
63) 4-Nitroaniline	15.651	138	112259	23.271	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	74235	17.313	ng/ul	97
67) N-Nitrosodiphenylamine	15.822	169	391853	20.054	ng/ul	98
68) 4-Bromophenyl-phenylether	16.504	248	129189	20.101	ng/ul	96
69) Hexachlorobenzene	16.616	284	154410	20.553	ng/ul#	88
70) Atrazine	16.780	200	142636	20.478	ng/ul	95
71) Pentachlorophenol	16.969	266	89572	18.765	ng/ul	99
72) Phenanthrene	17.357	178	702561	19.972	ng/ul	98
74) Anthracene	17.451	178	713267	20.018	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	180884	21.017	ng/uL	98
76) Pentachlorobenzene	14.875	250	187815	20.220	ng/uL	97
77) Carbazole	17.727	167	664748	20.079	ng/ul	98
78) Di-n-butylphthalate	18.292	149	881929	18.718	ng/ul	99
80) Fluoranthene	19.386	202	767920	20.165	ng/ul	97
82) Pyrene	19.751	202	807227	20.693	ng/ul	100
83) Butylbenzylphthalate	20.657	149	392760	19.780	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	262595	20.214	ng/ul	94
85) Benzo(a)anthracene	21.516	228	764769	19.670	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	575285	19.629	ng/ul	99
87) Chrysene	21.568	228	709147	19.260	ng/ul	96
89) Di-n-octyl phthalate	22.368	149	968055	19.578	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	757986	19.895	ng/ul	96
91) Benzo(k)fluoranthene	23.262	252	723343	20.001	ng/ul	99
93) Benzo(a)pyrene	23.851	252	635557	19.680	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	696331	18.959	ng/ul	99
95) Dibenzo(a,h)anthracene	26.521	278	609424	18.513	ng/ul	97
96) Benzo(g,h,i)perylene	27.292	276	589903	18.421	ng/ul	98

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

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