Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022807.D
Acq On : 22 Nov 2022 04:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 22 05:16:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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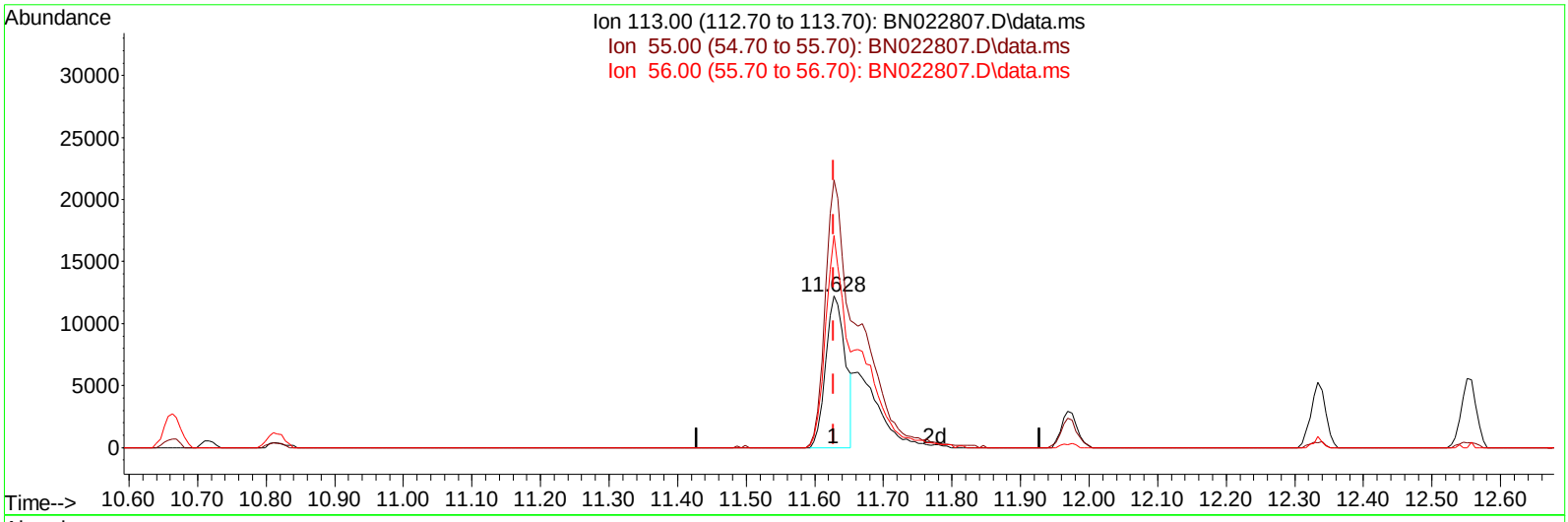
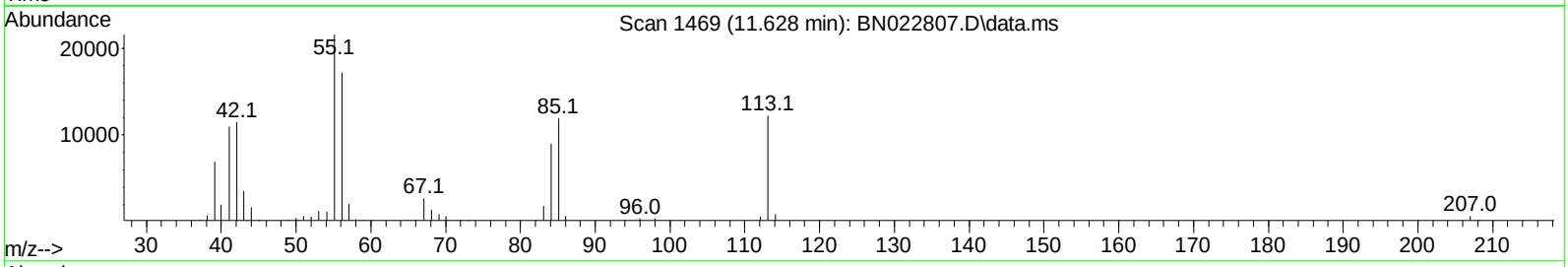
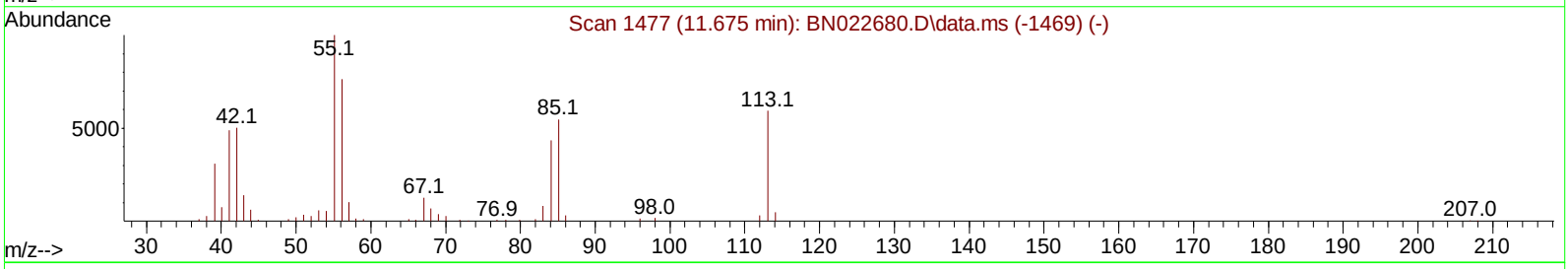
Supervised By :mohammad ahmed 11/25/2022







TIC: BN022807.D\data.ms

(34) Caprolactam

11.628min (0.000) 12.60 ng/ul

response 24305

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	176.65
56.00	129.70	140.34
0.00	0.00	0.00

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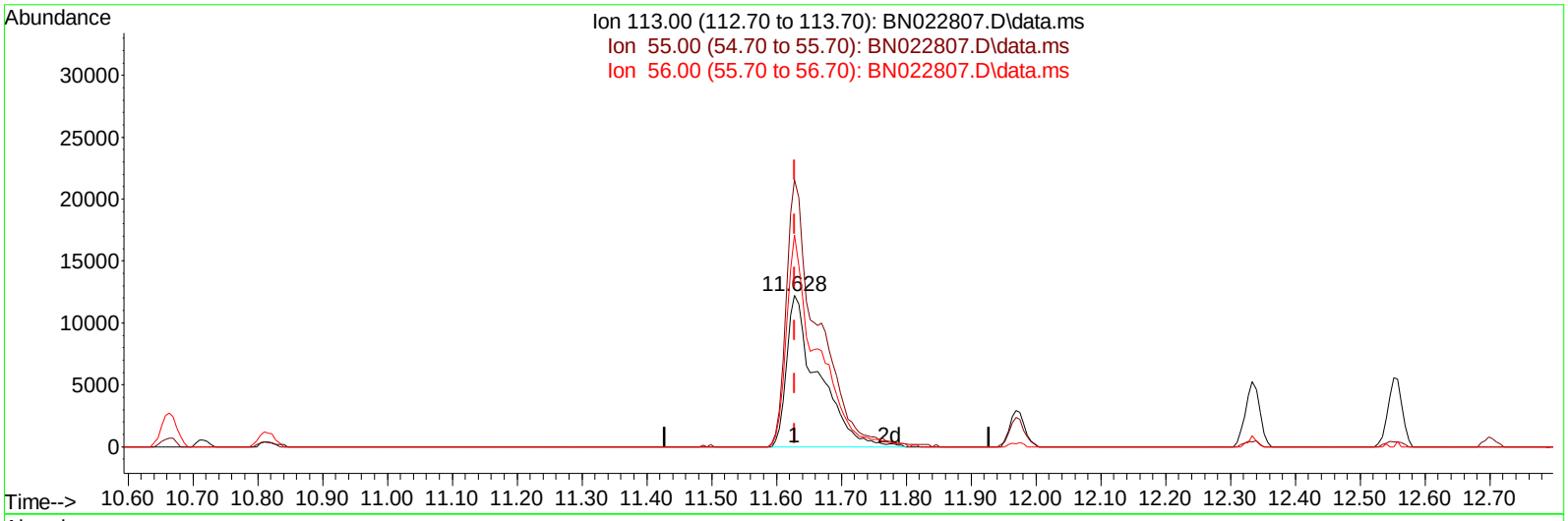

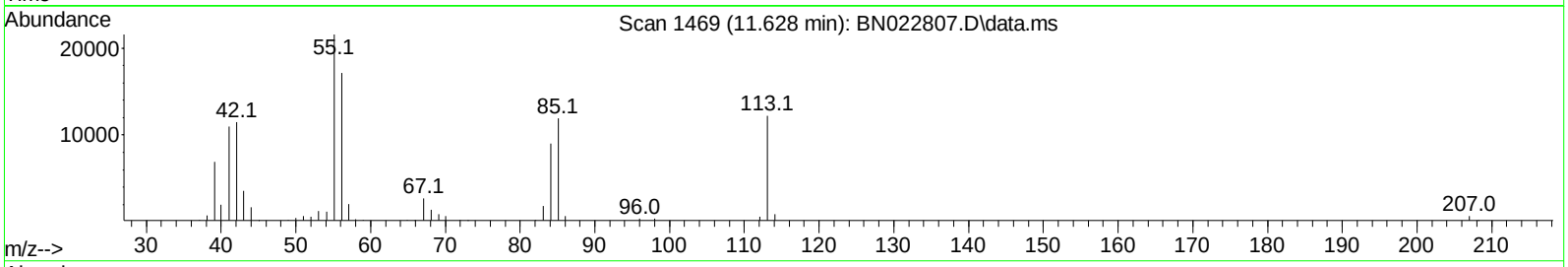

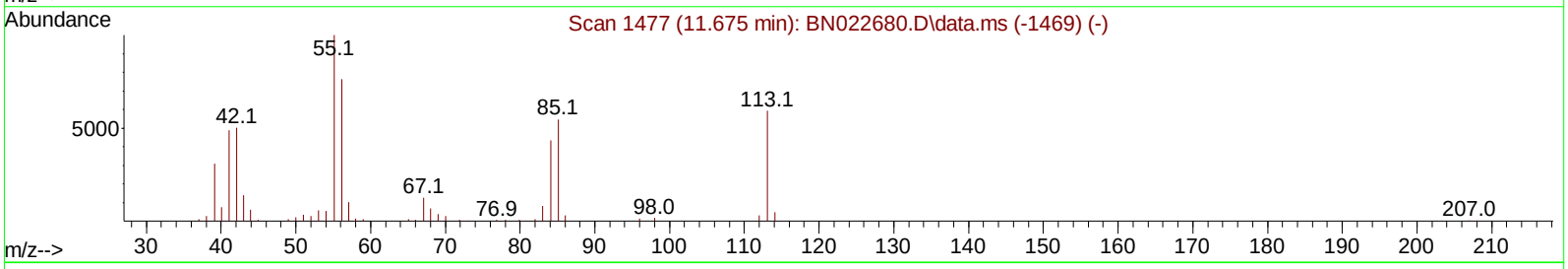

TIC: BN022807.D\data.ms

(34) Caprolactam

11.628min (0.000) 21.27 ng/ul m

response 41052

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	176.65
56.00	129.70	140.34
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	7.846	152	72160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	339880	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	224978	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	456533	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	437677	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	434251	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15927	7.536	ng/uL	0.00
4) Pyridine-d5	3.611	84	124319	20.799	ng/ul	0.00
7) Phenol-d5	7.016	99	147475	21.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	93959	22.994	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	107921	21.622	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	119839	22.273	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	57617	21.901	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	63321	21.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	111838	22.348	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	168739	22.136	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	354064	21.637	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	397427	22.042	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	64982	19.920	ng/ul	0.00
60) Fluorene-d10	15.516	176	292703	21.809	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	57114	19.682	ng/ul	0.00
73) Anthracene-d10	17.369	188	450925	22.557	ng/ul	0.00
81) Pyrene-d10	19.675	212	484414	21.357	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	479807	21.980	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	16918	7.522	ng/uL	95
5) Pyridine	3.634	79	123115	20.774	ng/ul	94
6) Benzaldehyde	6.987	77	95757	27.771	ng/ul	98
8) Phenol	7.040	94	154139	21.715	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.275	93	122589	22.163	ng/ul	96
12) 2-Chlorophenol	7.405	128	115934	21.753	ng/ul	97
13) 2-Methylphenol	8.305	108	118495	22.427	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.387	45	179443	24.577	ng/ul	98
16) Acetophenone	8.687	105	199172	23.193	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.669	70	111758	24.418	ng/ul	96
18) 4-Methylphenol	8.634	108	130430	22.735	ng/ul	99
19) Hexachloroethane	8.922	117	50000	22.159	ng/ul	99
22) Nitrobenzene	9.069	77	162783	22.838	ng/ul	98
23) Isophorone	9.599	82	306697	22.495	ng/ul	100
25) 2-Nitrophenol	9.781	139	71641	22.199	ng/ul	92
26) 2,4-Dimethylphenol	9.846	107	158352	22.874	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.081	93	178070	22.649	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	115370	22.682	ng/ul	99
30) Naphthalene	10.716	128	406477	22.532	ng/ul	99
32) 4-Chloroaniline	10.840	127	176744	22.202	ng/ul	100
33) Hexachlorobutadiene	10.987	225	72311	23.097	ng/ul	97
34) Caprolactam	11.628	113	41052m	21.275	ng/ul	
35) 4-Chloro-3-methylphenol	11.969	107	151851	22.891	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	285031	23.193	ng/ul	98
37) 1-Methylnaphthalene	12.551	142	283972	23.051	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	134912	22.341	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	69155	19.615	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	94005	21.925	ng/ul	99
42) 2,4,5-Trichlorophenol	13.022	196	100462	22.127	ng/ul	92
43) 1,1'-Biphenyl	13.351	154	366243	22.178	ng/ul	99
44) 2-Chloronaphthalene	13.393	162	280258	21.780	ng/ul	98
45) 2-Nitroaniline	13.610	65	106730	22.839	ng/ul	97
47) Dimethylphthalate	13.981	163	373008	21.687	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	75171	21.591	ng/ul	99
50) Acenaphthylene	14.240	152	447970	22.240	ng/ul	99
51) 3-Nitroaniline	14.440	138	81655	21.782	ng/ul	98
52) Acenaphthene	14.581	153	315177	22.054	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	40041	16.457	ng/ul	89
55) 4-Nitrophenol	14.751	109	67375	20.836	ng/ul	99
56) Dibenzofuran	14.916	168	419063	22.193	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	112106	22.111	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	83695	21.523	ng/ul	99
59) Diethylphthalate	15.345	149	399111	21.893	ng/ul	98
61) Fluorene	15.569	166	357087	22.645	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.563	204	166532	22.404	ng/ul	95
63) 4-Nitroaniline	15.604	138	76947	23.016	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	61651	20.554	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	300748	22.003	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	100271	22.304	ng/ul	96
69) Hexachlorobenzene	16.569	284	114666	21.819	ng/ul	97
70) Atrazine	16.739	200	106877	21.936	ng/ul	95
71) Pentachlorophenol	16.922	266	67967	20.356	ng/ul	92
72) Phenanthrene	17.316	178	546712	22.218	ng/ul	98
74) Anthracene	17.404	178	559505	22.448	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	136522	22.676	ng/uL	99
76) Pentachlorobenzene	14.834	250	147704	22.732	ng/uL	96
77) Carbazole	17.686	167	512619	22.135	ng/ul	99
78) Di-n-butylphthalate	18.245	149	669278	20.306	ng/ul	99
80) Fluoranthene	19.339	202	616317	21.771	ng/ul	99
82) Pyrene	19.704	202	636994	21.966	ng/ul	99
83) Butylbenzylphthalate	20.604	149	308296	20.886	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.392	252	220746	22.859	ng/ul	93
85) Benzo(a)anthracene	21.457	228	602066	20.831	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	479382	22.003	ng/ul	99
87) Chrysene	21.510	228	589198	21.527	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	826333	21.636	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	638087	21.682	ng/ul	97
91) Benzo(k)fluoranthene	23.180	252	597560	21.392	ng/ul	97
93) Benzo(a)pyrene	23.757	252	541477	21.707	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.362	276	603207	21.263	ng/ul	97
95) Dibenzo(a,h)anthracene	26.380	278	549044	21.593	ng/ul	98
96) Benzo(g,h,i)perylene	27.133	276	525168	21.232	ng/ul	97

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

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