Quantitation Report (Qedit)

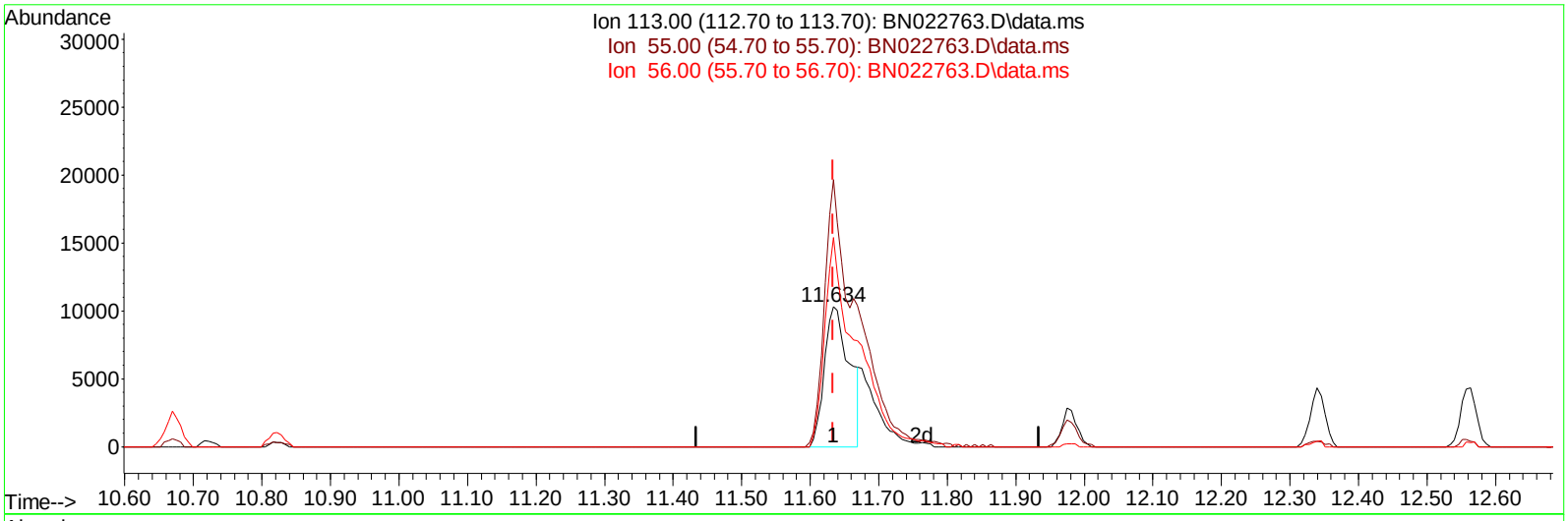
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022763.D
Acq On : 18 Nov 2022 19:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 53 Sample Multiplier: 1

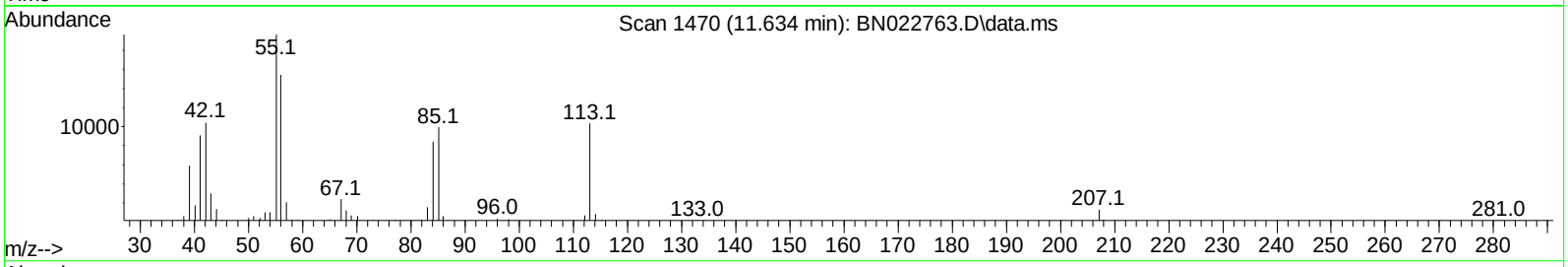
Quant Time: Nov 18 22:51:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 05:17:17 2022
Response via : Initial Calibration

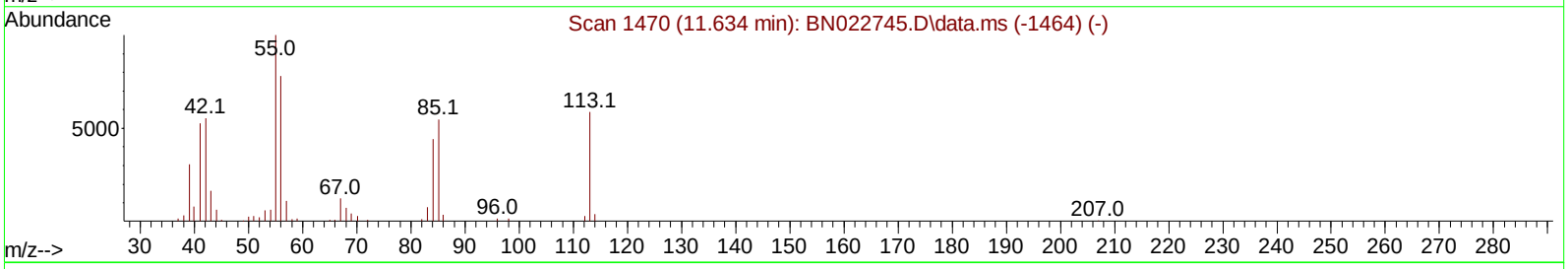
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/21/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022763.D\data.ms

(34) Caprolactam

11.634min (+ 0.000) 14.82 ng/ul

response 26282

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	190.59
56.00	129.70	149.28
0.00	0.00	0.00

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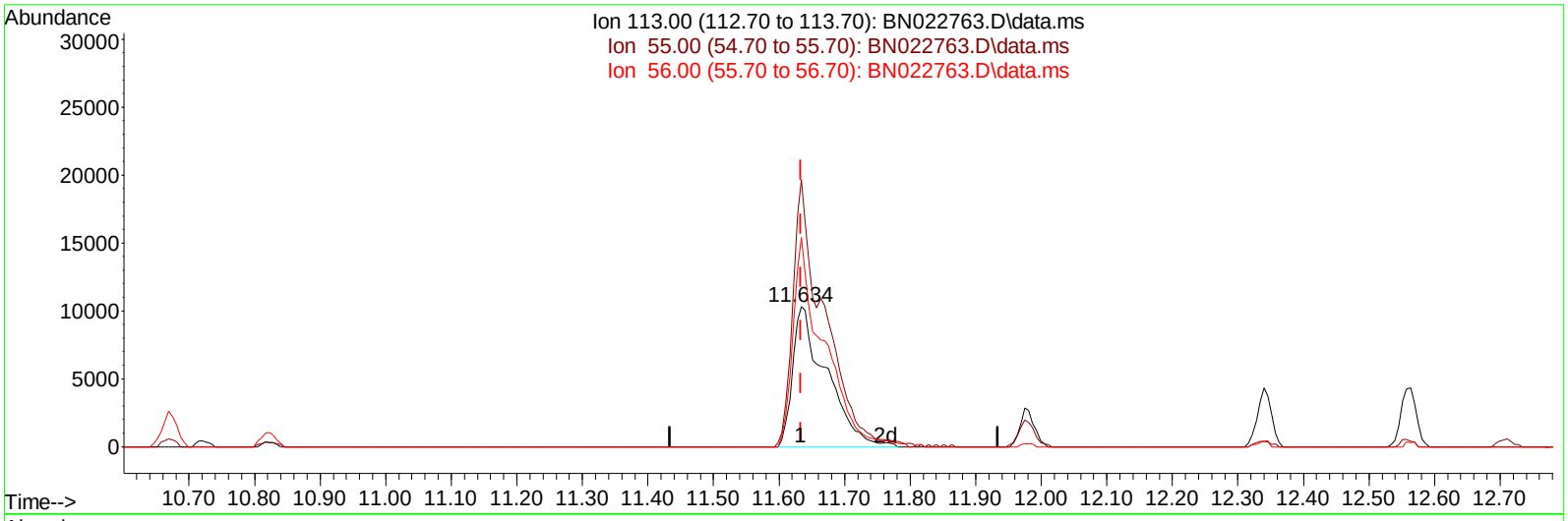

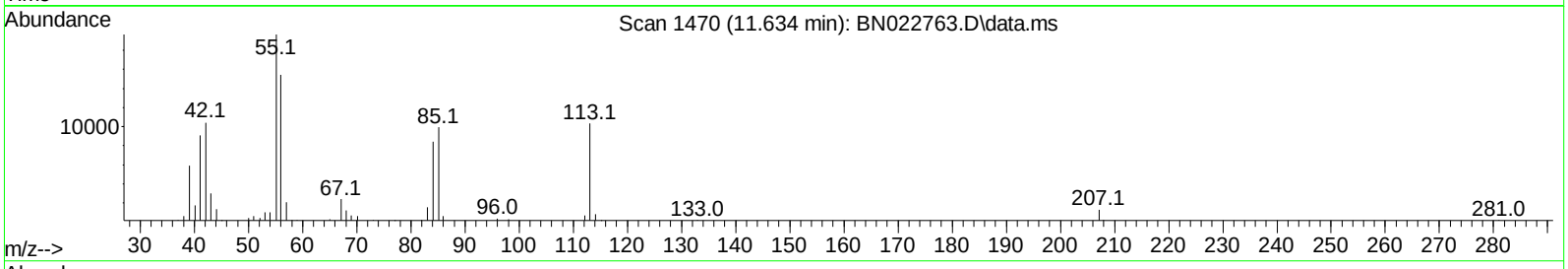

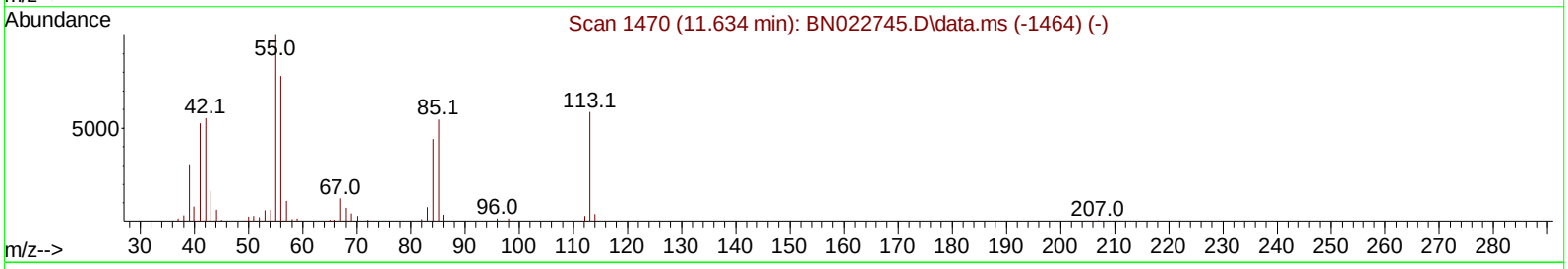

TIC: BN022763.D\data.ms

(34) Caprolactam

11.634min (+ 0.000) 20.82 ng/ul m

response 36914

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	190.59
56.00	129.70	149.28
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	7.852	152	63020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	312308	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	210340	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.281	188	454557	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	466190	20.000	ng/ul	0.00
88) Perylene-d12	23.880	264	482048	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	13891	7.525	ng/uL	0.00
4) Pyridine-d5	3.617	84	101109	19.369	ng/ul	0.00
7) Phenol-d5	7.022	99	118228	19.863	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	77064	21.594	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	86775	19.907	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	98847	21.036	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	47611	19.695	ng/ul	0.00
24) 2-Nitrophenol-d4	9.758	143	51262	19.005	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	91371	19.870	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	144069	20.569	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	315406	20.616	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	342244	20.302	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	61974	20.320	ng/ul	0.00
60) Fluorene-d10	15.522	176	257965	20.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	52588	18.201	ng/ul	0.00
73) Anthracene-d10	17.381	188	406667	20.431	ng/ul	0.00
81) Pyrene-d10	19.681	212	457868	18.952	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.722	264	473032	19.521	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	14064	7.160	ng/uL#	94
5) Pyridine	3.634	79	102155	19.737	ng/ul	96
6) Benzaldehyde	6.993	77	70656	23.463	ng/ul	96
8) Phenol	7.046	94	123868	19.981	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.281	93	100797	20.867	ng/ul	99
12) 2-Chlorophenol	7.411	128	93492	20.087	ng/ul	97
13) 2-Methylphenol	8.311	108	94695	20.522	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	142300	22.316	ng/ul	99
16) Acetophenone	8.693	105	166196	22.160	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	93324	23.348	ng/ul	99
18) 4-Methylphenol	8.646	108	107191	21.394	ng/ul	97
19) Hexachloroethane	8.928	117	40138	20.368	ng/ul	96
22) Nitrobenzene	9.075	77	130985	19.999	ng/ul	99
23) Isophorone	9.605	82	254951	20.351	ng/ul	100
25) 2-Nitrophenol	9.787	139	57524	19.398	ng/ul	95
26) 2,4-Dimethylphenol	9.852	107	130364	20.494	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	145046	20.077	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	93840	20.078	ng/ul	99
30) Naphthalene	10.722	128	334685	20.190	ng/ul	100
32) 4-Chloroaniline	10.846	127	149346	20.417	ng/ul	100
33) Hexachlorobutadiene	10.999	225	56914	19.784	ng/ul	99
34) Caprolactam	11.634	113	36914m	20.819	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	129876	21.307	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	235681	20.871	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	238625	21.080	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.710	216	112518	19.930	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	55824	16.935	ng/ul	93
41) 2,4,6-Trichlorophenol	12.957	196	78908	19.685	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	84824	19.983	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	307004	19.885	ng/ul	100
44) 2-Chloronaphthalene	13.399	162	241094	20.040	ng/ul	97
45) 2-Nitroaniline	13.616	65	89717	20.534	ng/ul	99
47) Dimethylphthalate	13.987	163	335842	20.885	ng/ul	98
48) 2,6-Dinitrotoluene	14.116	165	68429	21.022	ng/ul	96
50) Acenaphthylene	14.246	152	375010	19.914	ng/ul	99
51) 3-Nitroaniline	14.446	138	72488	20.682	ng/ul	99
52) Acenaphthene	14.587	153	269027	20.135	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	45654	20.069	ng/ul	97
55) 4-Nitrophenol	14.757	109	62702	20.740	ng/ul	97
56) Dibenzofuran	14.922	168	364629	20.654	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	101404	21.392	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	74517	20.497	ng/ul	96
59) Diethylphthalate	15.351	149	360552	21.154	ng/ul	100
61) Fluorene	15.575	166	307585	20.863	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	142180	20.459	ng/ul	92
63) 4-Nitroaniline	15.610	138	71690	22.936	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.669	198	54974	18.408	ng/ul	97
67) N-Nitrosodiphenylamine	15.787	169	268063	19.697	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	87725	19.598	ng/ul	96
69) Hexachlorobenzene	16.575	284	105764	20.213	ng/ul	96
70) Atrazine	16.745	200	97351	20.067	ng/ul	98
71) Pentachlorophenol	16.928	266	65282	19.636	ng/ul	98
72) Phenanthrene	17.322	178	497100	20.289	ng/ul	98
74) Anthracene	17.410	178	496829	20.020	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	111538	18.607	ng/uL	98
76) Pentachlorobenzene	14.840	250	127521	19.711	ng/uL	98
77) Carbazole	17.692	167	469612	20.366	ng/ul	99
78) Di-n-butylphthalate	18.251	149	640223	19.509	ng/ul	100
80) Fluoranthene	19.345	202	569252	18.879	ng/ul	97
82) Pyrene	19.710	202	589000	19.069	ng/ul	99
83) Butylbenzylphthalate	20.616	149	308022	19.591	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	195153	18.972	ng/ul	97
85) Benzo(a)anthracene	21.469	228	584006	18.970	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	466111	20.086	ng/ul#	98
87) Chrysene	21.522	228	562790	19.304	ng/ul	97
89) Di-n-octyl phthalate	22.310	149	805707	19.005	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	614170	18.800	ng/ul	97
91) Benzo(k)fluoranthene	23.192	252	607547	19.593	ng/ul	97
93) Benzo(a)pyrene	23.774	252	539916	19.499	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.386	276	659173	20.932	ng/ul	97
95) Dibenzo(a,h)anthracene	26.410	278	590730	20.929	ng/ul	97
96) Benzo(g,h,i)perylene	27.168	276	561561	20.452	ng/ul	99

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

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