Quantitation Report (Qedit)

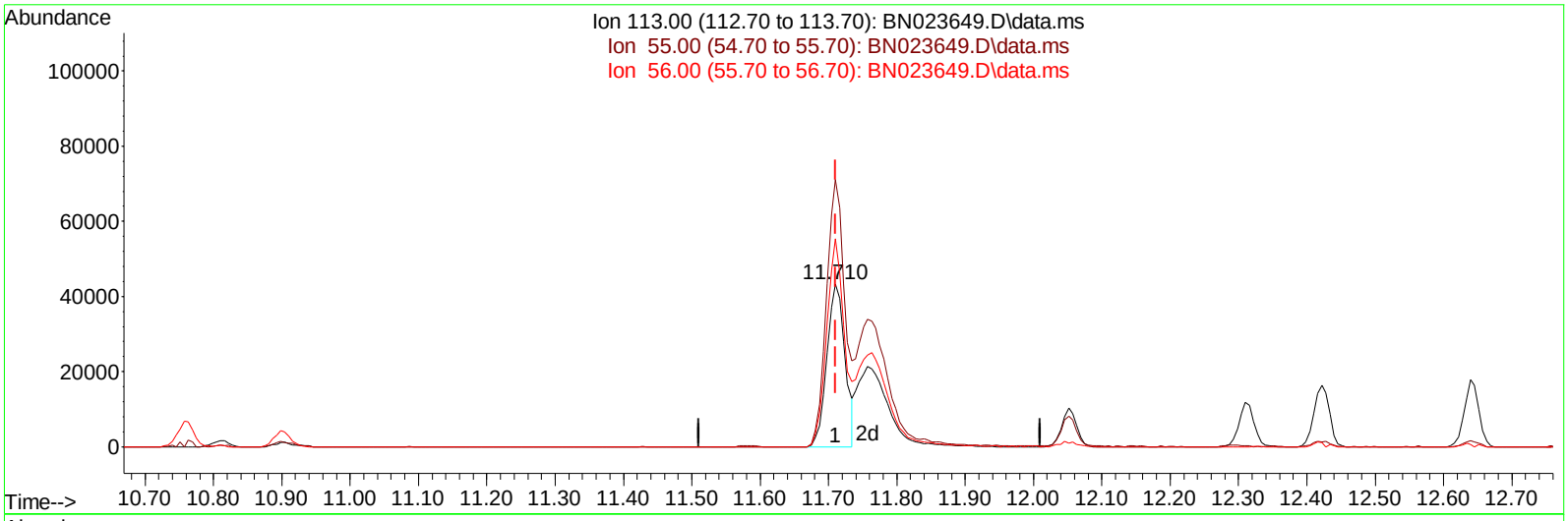
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011323\
Data File : BN023649.D
Acq On : 12 Jan 2023 18:00
Operator : CG/JU
Sample : PB150205BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

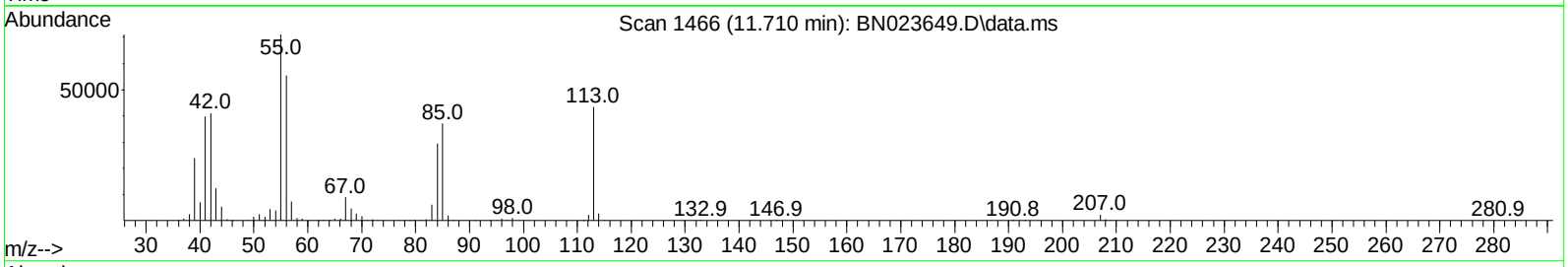
Quant Time: Jan 13 03:02:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 03:34:47 2023
Response via : Initial Calibration

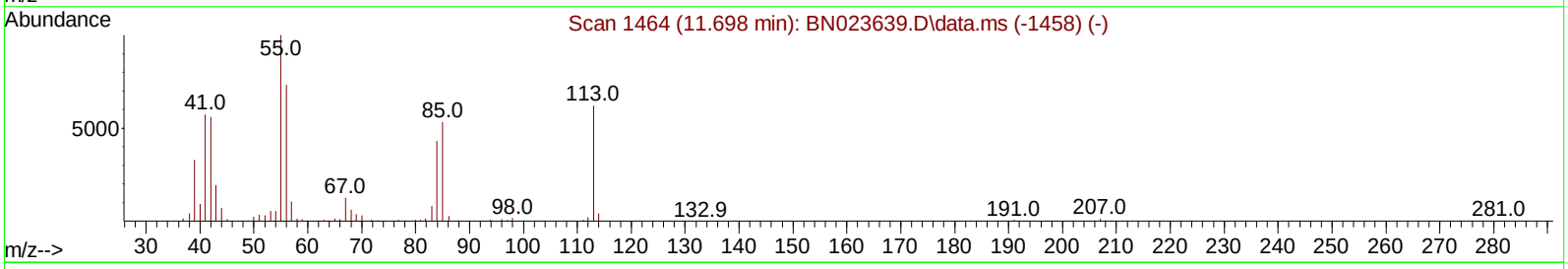
Instrument :
BNA_N
ClientSampleId :
SLCS205

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023







TIC: BN023649.D\data.ms

(34) Caprolactam

11.710min (-0.000) 16.56 ng/ul

response 79331

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	164.05
56.00	117.80	127.80
0.00	0.00	0.00

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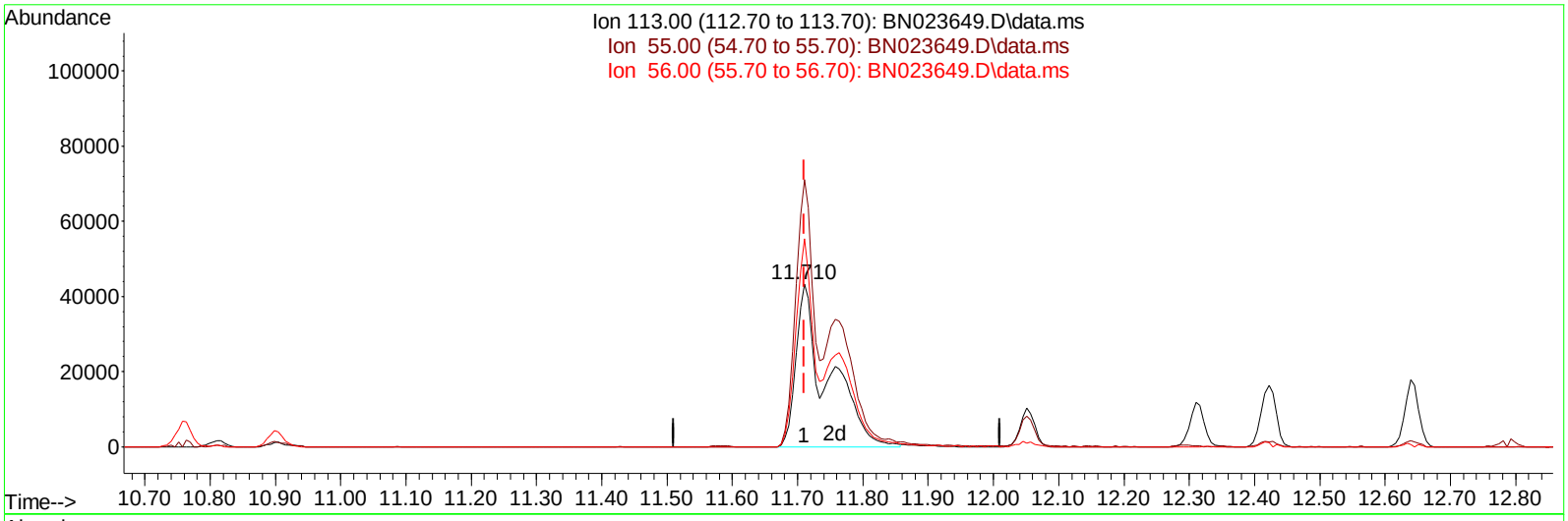

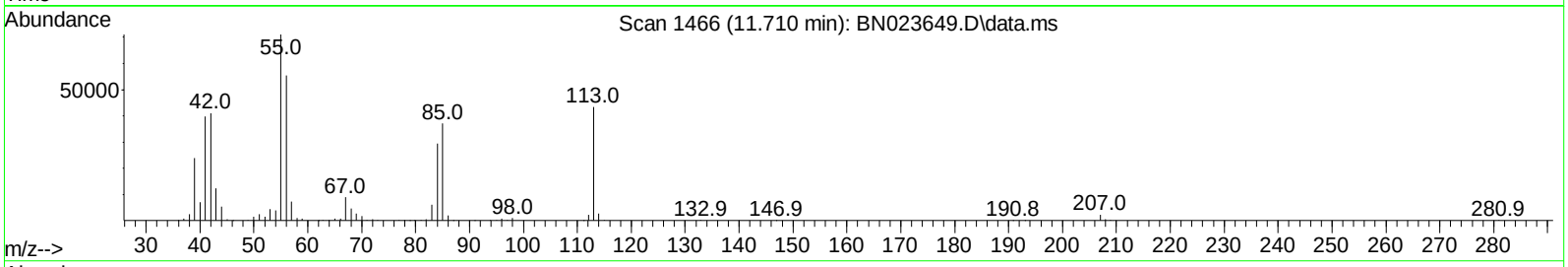

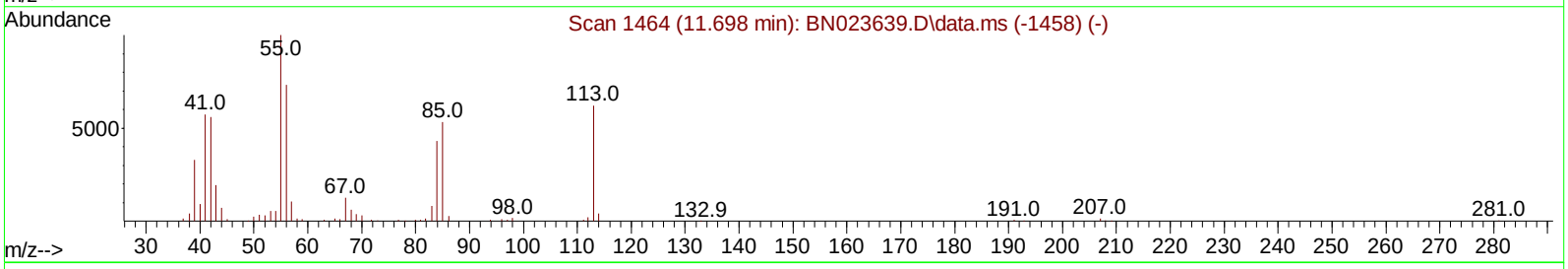

TIC: BN023649.D\data.ms

(34) Caprolactam

11.710min (-0.000) 30.25 ng/ul m

response 144928

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	164.05
56.00	117.80	127.80
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	7.940	152	199160	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.757	136	936180	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.598	164	576151	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1257875	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1144371	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1187513	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	25620	5.536	ng/uL	0.00
4) Pyridine-d5	3.722	84	393181	28.315	ng/ul	0.00
7) Phenol-d5	7.105	99	538491	30.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	332663	30.721	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	432674	32.006	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	436727	30.999	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	215279	30.495	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	234573	31.389	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	433760	30.430	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	556842	24.835	ng/ul	-0.01
46) Dimethylphthalate-d6	14.010	166	1252373	29.221	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1466247	30.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	259354	29.725	ng/ul	0.00
60) Fluorene-d10	15.592	176	1099104	30.012	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	226890	29.901	ng/ul	0.00
73) Anthracene-d10	17.445	188	1679302	29.834	ng/ul	0.00
81) Pyrene-d10	19.739	212	2014774	30.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	1843036	31.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	54974	11.252	ng/uL	96
5) Pyridine	3.740	79	412139	28.993	ng/ul	99
6) Benzaldehyde	7.075	77	316155	46.249	ng/ul	98
8) Phenol	7.134	94	577696	32.152	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.369	93	443423	31.234	ng/ul	99
12) 2-Chlorophenol	7.505	128	450556	32.252	ng/ul	98
13) 2-Methylphenol	8.393	108	431737	31.929	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	614264	32.351	ng/ul	99
16) Acetophenone	8.775	105	694552	31.897	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	360101	32.844	ng/ul	98
18) 4-Methylphenol	8.728	108	475446	31.929	ng/ul	97
19) Hexachloroethane	9.028	117	180840	32.366	ng/ul	96
22) Nitrobenzene	9.157	77	542130	30.684	ng/ul	97
23) Isophorone	9.687	82	999748	31.287	ng/ul	99
25) 2-Nitrophenol	9.869	139	262392	31.587	ng/ul	98
26) 2,4-Dimethylphenol	9.934	107	512349	30.392	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	621928	30.007	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	438978	30.778	ng/ul	95
30) Naphthalene	10.810	128	1500544	29.816	ng/ul	99
32) 4-Chloroaniline	10.928	127	581460	25.894	ng/ul	99
33) Hexachlorobutadiene	11.093	225	263572	29.877	ng/ul	99
34) Caprolactam	11.710	113	144928m	30.254	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	486682	31.294	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	1027709	30.633	ng/ul	96
37) 1-Methylnaphthalene	12.640	142	1026556	29.950	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.792	216	525396	30.833	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	281447	26.206	ng/ul	93
41) 2,4,6-Trichlorophenol	13.028	196	357078	31.791	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	388836	31.655	ng/ul	92
43) 1,1'-Biphenyl	13.434	154	1343810	30.232	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	1038792	30.122	ng/ul	99
45) 2-Nitroaniline	13.681	65	326784	34.361	ng/ul	97
47) Dimethylphthalate	14.057	163	1313835	30.507	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	272024	33.411	ng/ul	98
50) Acenaphthylene	14.322	152	1663896	31.512	ng/ul	100
51) 3-Nitroaniline	14.510	138	271148	33.234	ng/ul	99
52) Acenaphthene	14.663	153	1130596	30.371	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	153561	28.858	ng/ul	96
55) 4-Nitrophenol	14.816	109	218224	30.970	ng/ul	98
56) Dibenzofuran	14.998	168	1564569	30.194	ng/ul	98
57) 2,4-Dinitrotoluene	14.963	165	395376	33.265	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.222	232	321005	30.497	ng/ul	95
59) Diethylphthalate	15.422	149	1321810	30.639	ng/ul	100
61) Fluorene	15.645	166	1278553	30.471	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.639	204	623414	30.519	ng/ul	96
63) 4-Nitroaniline	15.675	138	303443	40.395	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.728	198	226912	30.302	ng/ul	97
67) N-Nitrosodiphenylamine	15.857	169	1088718	30.841	ng/ul	99
68) 4-Bromophenyl-phenylether	16.533	248	388164	30.786	ng/ul	95
69) Hexachlorobenzene	16.651	284	450784	30.510	ng/ul	97
70) Atrazine	16.810	200	395531	29.938	ng/ul	98
71) Pentachlorophenol	16.992	266	290707	30.829	ng/ul	97
72) Phenanthrene	17.386	178	2065937	30.652	ng/ul	98
74) Anthracene	17.480	178	2095495	31.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	520900	30.759	ng/uL	94
76) Pentachlorobenzene	14.916	250	495908	29.234	ng/uL	92
77) Carbazole	17.751	167	1935117	31.772	ng/ul	99
78) Di-n-butylphthalate	18.316	149	2355684	32.576	ng/ul	100
80) Fluoranthene	19.404	202	2399519	31.346	ng/ul	98
82) Pyrene	19.769	202	2475431	30.616	ng/ul	97
83) Butylbenzylphthalate	20.669	149	1062794	33.202	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	772051	30.884	ng/ul	90
85) Benzo(a)anthracene	21.521	228	2432072	31.375	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	1529326	32.905	ng/ul	100
87) Chrysene	21.574	228	2338780	32.179	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	2629264	32.081	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2401487	31.747	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	2390640	31.953	ng/ul	99
93) Benzo(a)pyrene	23.857	252	2099853	32.009	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	2540622	31.337	ng/ul	99
95) Dibenzo(a,h)anthracene	26.515	278	2124722	31.695	ng/ul	99
96) Benzo(g,h,i)perylene	27.280	276	2064606	31.976	ng/ul	97

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

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