Quantitation Report (Qedit)

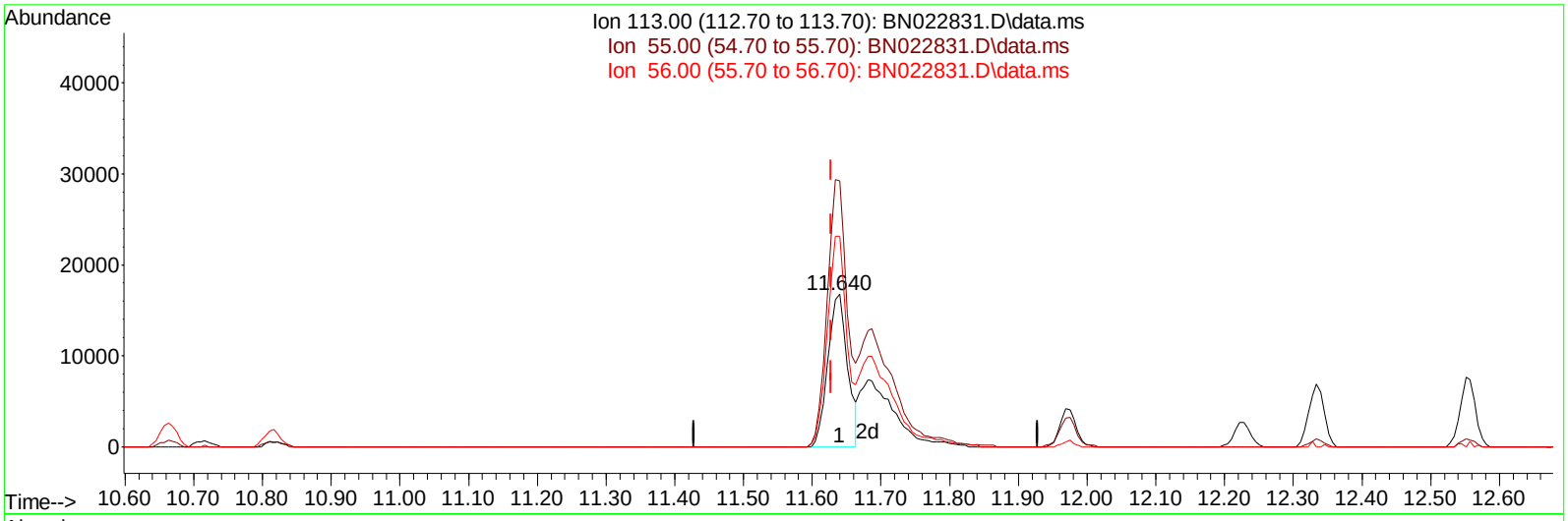
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022831.D
Acq On : 22 Nov 2022 19:06
Operator : CG/JU
Sample : PB149040BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

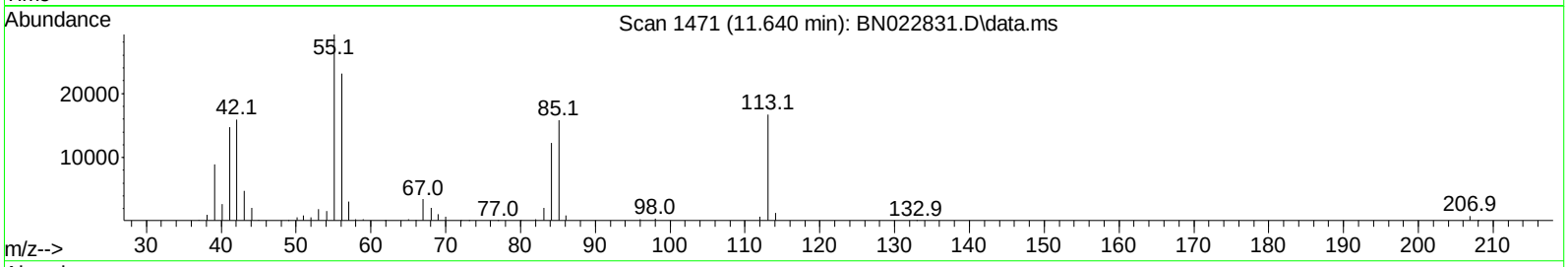
Quant Time: Nov 22 21:53:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

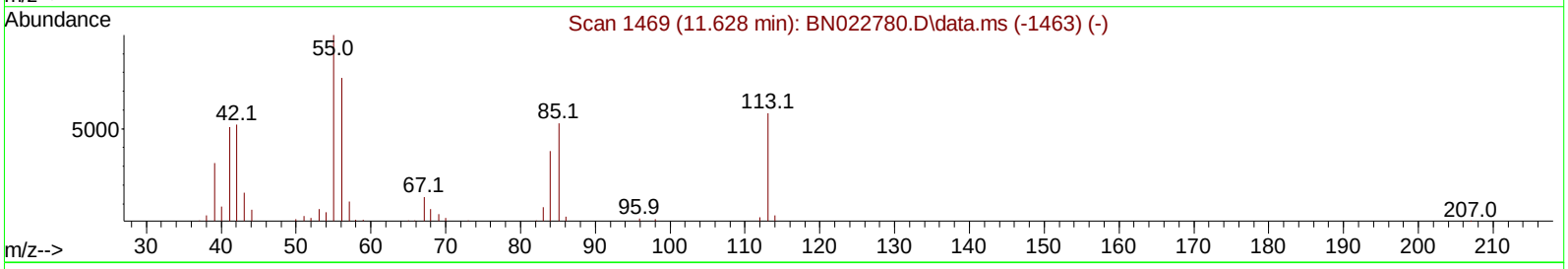
Instrument :
BNA_N
ClientSampleId :
SLCS040

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022







TIC: BN022831.D\data.ms

(34) Caprolactam

11.640min (+ 0.012) 18.04 ng/ul

response 33516

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	174.45
56.00	129.70	138.11
0.00	0.00	0.00

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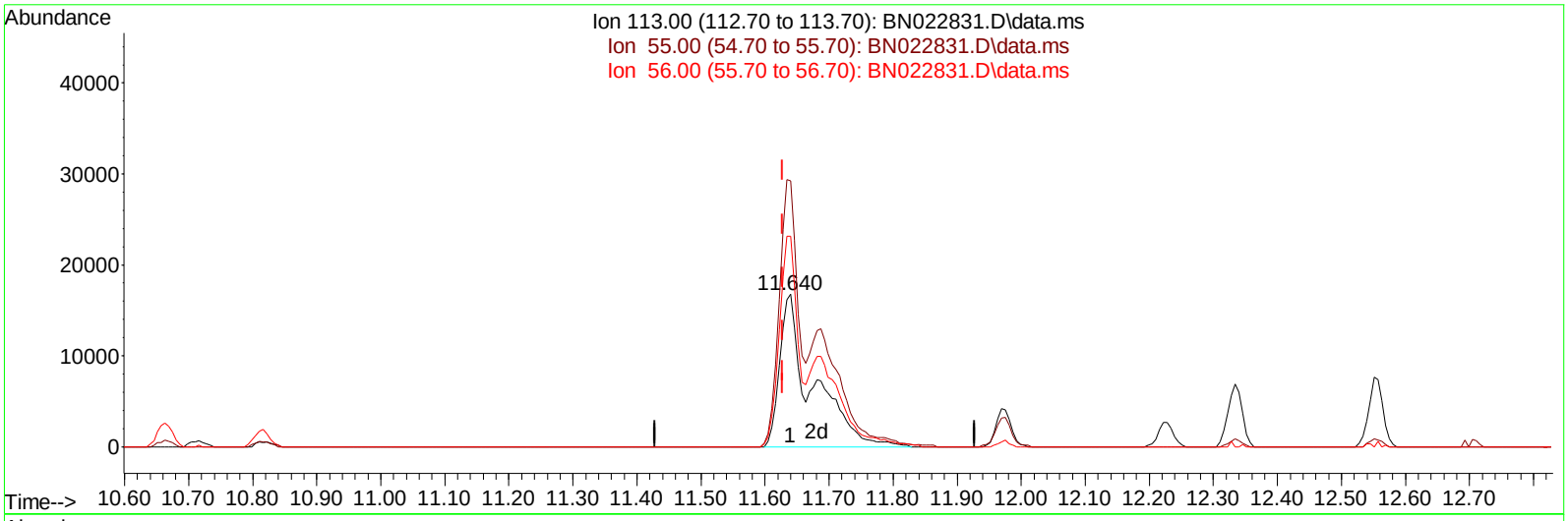

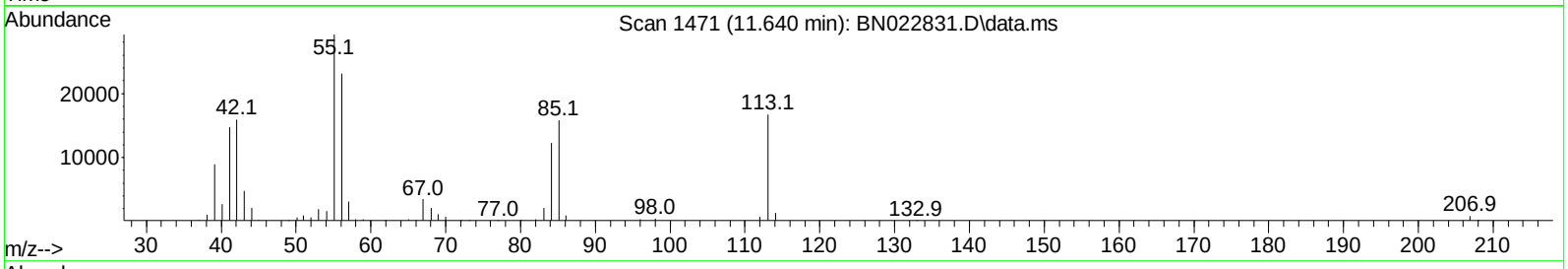

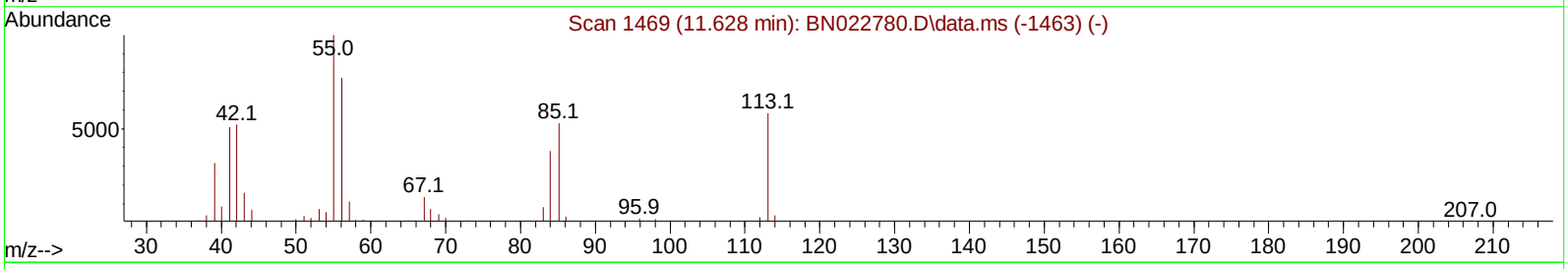

TIC: BN022831.D\data.ms

(34) Caprolactam

11.640min (+ 0.012) 31.81 ng/ul m

response 59080

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	174.45
56.00	129.70	138.11
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	66838	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	327183	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	215092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	441677	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	417121	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	415955	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	12202	6.233	ng/uL	0.00
4) Pyridine-d5	3.611	84	157189	28.392	ng/ul	0.00
7) Phenol-d5	7.016	99	225194	35.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	140228	37.049	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	164447	35.571	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	182630	36.646	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	87075	34.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	97179	34.390	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	169257	35.134	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	234364	31.939	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	546739	34.947	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	613871	35.611	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	107243	34.386	ng/ul	0.00
60) Fluorene-d10	15.516	176	449694	35.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	93333	33.245	ng/ul	0.00
73) Anthracene-d10	17.375	188	705678	36.488	ng/ul	0.00
81) Pyrene-d10	19.674	212	801128	37.061	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	737393	35.266	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	21028	10.093	ng/uL	96
5) Pyridine	3.628	79	158031	28.789	ng/ul	94
6) Benzaldehyde	6.987	77	124955	39.124	ng/ul	97
8) Phenol	7.040	94	213545	32.480	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.275	93	165249	32.255	ng/ul	98
12) 2-Chlorophenol	7.405	128	160625	32.539	ng/ul	98
13) 2-Methylphenol	8.305	108	161534	33.008	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.387	45	238779	35.308	ng/ul	99
16) Acetophenone	8.687	105	274235	34.476	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.675	70	150183	35.426	ng/ul	95
18) 4-Methylphenol	8.640	108	177936	33.485	ng/ul	99
19) Hexachloroethane	8.922	117	69176	33.098	ng/ul	97
22) Nitrobenzene	9.069	77	220617	32.154	ng/ul	99
23) Isophorone	9.599	82	418052	31.853	ng/ul	100
25) 2-Nitrophenol	9.781	139	97999	31.544	ng/ul	96
26) 2,4-Dimethylphenol	9.846	107	207677	31.163	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.081	93	240958	31.837	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	156624	31.988	ng/ul	97
30) Naphthalene	10.716	128	552288	31.803	ng/ul	99
32) 4-Chloroaniline	10.840	127	227930	29.743	ng/ul	99
33) Hexachlorobutadiene	10.987	225	97539	32.364	ng/ul	99
34) Caprolactam	11.640	113	59080m	31.805	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	210190	32.915	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	383186	32.390	ng/ul	95
37) 1-Methylnaphthalene	12.557	142	386978	32.631	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.704	216	179869	31.155	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	97883	29.039	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	129820	31.670	ng/ul	95
42) 2,4,5-Trichlorophenol	13.022	196	142355	32.795	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	508534	32.210	ng/ul	98
44) 2-Chloronaphthalene	13.392	162	389177	31.634	ng/ul	98
45) 2-Nitroaniline	13.610	65	151599	33.931	ng/ul	95
47) Dimethylphthalate	13.987	163	523349	31.827	ng/ul	97
48) 2,6-Dinitrotoluene	14.110	165	109330	32.846	ng/ul	97
50) Acenaphthylene	14.239	152	613994	31.884	ng/ul	99
51) 3-Nitroaniline	14.439	138	113649	31.710	ng/ul	99
52) Acenaphthene	14.581	153	440797	32.262	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	63788	27.421	ng/ul	97
55) 4-Nitrophenol	14.757	109	99428	32.161	ng/ul	99
56) Dibenzofuran	14.916	168	577696	32.000	ng/ul	98
57) 2,4-Dinitrotoluene	14.898	165	158677	32.735	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.145	232	121155	32.589	ng/ul	97
59) Diethylphthalate	15.345	149	566093	32.480	ng/ul	100
61) Fluorene	15.569	166	490591	32.541	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	228457	32.148	ng/ul	92
63) 4-Nitroaniline	15.610	138	108838	34.052	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	89632	30.888	ng/ul#	96
67) N-Nitrosodiphenylamine	15.781	169	421037	31.839	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	144290	33.175	ng/ul	98
69) Hexachlorobenzene	16.569	284	170634	33.561	ng/ul	96
70) Atrazine	16.739	200	153031	32.465	ng/ul	96
71) Pentachlorophenol	16.922	266	101849	31.529	ng/ul	92
72) Phenanthrene	17.316	178	775954	32.595	ng/ul	98
74) Anthracene	17.410	178	794154	32.934	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	183086	31.434	ng/uL	96
76) Pentachlorobenzene	14.834	250	185567	29.520	ng/uL	97
77) Carbazole	17.686	167	729968	32.581	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1006151	31.554	ng/ul	99
80) Fluoranthene	19.339	202	900822	33.389	ng/ul	98
82) Pyrene	19.704	202	900426	32.581	ng/ul	99
83) Butylbenzylphthalate	20.604	149	476579	33.877	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	314508	34.173	ng/ul	99
85) Benzo(a)anthracene	21.457	228	887970	32.237	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	712390	34.309	ng/ul	98
87) Chrysene	21.516	228	834761	32.002	ng/ul	97
89) Di-n-octyl phthalate	22.304	149	1224755	33.479	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	856179	30.373	ng/ul	96
91) Benzo(k)fluoranthene	23.186	252	880768	32.917	ng/ul	99
93) Benzo(a)pyrene	23.762	252	765394	32.034	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.368	276	878336	32.323	ng/ul	99
95) Dibenzo(a,h)anthracene	26.386	278	780206	32.034	ng/ul	99
96) Benzo(g,h,i)perylene	27.145	276	719508	30.368	ng/ul	98

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

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