

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
 Data File : BG058070.D
 Acq On : 7 Jul 2023 11:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020499

Quant Time: Jul 07 12:24:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 05 23:20:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :Sohil Jodhani 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	32291	20.000	ng/ul	0.00
20) Naphthalene-d8	10.725	136	152737	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.556	164	112618	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.300	188	296513	20.000	ng/ul	0.00
79) Chrysene-d12	21.560	240	260380	20.000	ng/ul	0.00
88) Perylene-d12	24.715	264	327000	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	7818	8.478	ng/uL	0.00
4) Pyridine-d5	3.763	84	60389	21.571	ng/ul	-0.01
7) Phenol-d5	7.082	99	70307	21.320	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.241	67	43991	22.136	ng/ul	0.00
11) 2-Chlorophenol-d4	7.453	132	48923	21.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	54290	21.818	ng/ul	-0.01
21) Nitrobenzene-d5	9.080	128	26467	21.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.803	143	29273	22.374	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.343	165	55999	22.312	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	87653	23.034	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	195179	21.965	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	214999	22.173	ng/ul	0.00
54) 4-Nitrophenol-d4	14.756	143	32723	20.844	ng/ul	-0.01
60) Fluorene-d10	15.549	176	173295	22.964	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	33128	20.575	ng/ul	0.00
73) Anthracene-d10	17.400	188	293499	21.331	ng/ul	0.00
81) Pyrene-d10	19.691	212	346144	21.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.497	264	347100	20.834	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	10126	8.889	ng/uL	98
5) Pyridine	3.780	79	64500	22.486	ng/ul	95
6) Benzaldehyde	7.059	77	14324	13.006	ng/ul	89
8) Phenol	7.106	94	72829	21.763	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.335	93	55892	21.631	ng/ul	98
12) 2-Chlorophenol	7.482	128	50920	21.514	ng/ul	98
13) 2-Methylphenol	8.363	108	57477	21.870	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.446	45	91705	23.056	ng/ul	99
16) Acetophenone	8.739	105	95340	23.094	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.716	70	51350	23.267	ng/ul	98
18) 4-Methylphenol	8.686	108	65520	23.056	ng/ul	100
19) Hexachloroethane	8.998	117	19452	21.439	ng/ul	99
22) Nitrobenzene	9.121	77	70600	21.846	ng/ul	98
23) Isophorone	9.638	82	150265	21.791	ng/ul	99
25) 2-Nitrophenol	9.832	139	31406	22.370	ng/ul	94
26) 2,4-Dimethylphenol	9.891	107	68760	21.781	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.126	93	82490	21.228	ng/ul	99
29) 2,4-Dichlorophenol	10.367	162	53836	22.061	ng/ul	93
30) Naphthalene	10.772	128	185530	21.615	ng/ul	98
32) 4-Chloroaniline	10.884	127	89243	22.936	ng/ul	99
33) Hexachlorobutadiene	11.054	225	37882	21.927	ng/ul	97
34) Caprolactam	11.630	113	22186m	22.613	ng/ul	
35) 4-Chloro-3-methylphenol	12.006	107	70381	23.479	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.382	142	127019	21.952	ng/ul	91
37) 1-Methylnaphthalene	12.600	142	129557	22.329	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.752	216	75928	22.124	ng/ul	98
40) Hexachlorocyclopentadiene	12.729	237	42106	19.478	ng/ul	100
41) 2,4,6-Trichlorophenol	12.987	196	53623	23.053	ng/ul	98
42) 2,4,5-Trichlorophenol	13.064	196	57767	22.964	ng/ul	98
43) 1,1'-Biphenyl	13.387	154	177210	21.835	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	140436	21.561	ng/ul	99
45) 2-Nitroaniline	13.639	65	50611	22.349	ng/ul	95
47) Dimethylphthalate	14.004	163	200145	22.420	ng/ul	99
48) 2,6-Dinitrotoluene	14.133	165	41612	22.709	ng/ul	96
50) Acenaphthylene	14.280	152	233136	22.265	ng/ul	100
51) 3-Nitroaniline	14.462	138	29089	18.785	ng/ul	94
52) Acenaphthene	14.621	153	159629	22.217	ng/ul	97
53) 2,4-Dinitrophenol	14.668	184	19052	19.943	ng/ul	93
55) 4-Nitrophenol	14.773	109	25498	21.925	ng/ul	88
56) Dibenzofuran	14.956	168	230562	22.574	ng/ul	99
57) 2,4-Dinitrotoluene	14.914	165	60715	23.386	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.185	232	52888	23.095	ng/ul	97
59) Diethylphthalate	15.367	149	208674	22.396	ng/ul	100
61) Fluorene	15.602	166	191854	22.893	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.596	204	103773	23.402	ng/ul	99
63) 4-Nitroaniline	15.619	138	23563	16.986	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.678	198	35899	21.803	ng/ul	99
67) N-Nitrosodiphenylamine	15.807	169	165356	20.955	ng/ul	98
68) 4-Bromophenyl-phenylether	16.489	248	71566	21.988	ng/ul	97
69) Hexachlorobenzene	16.607	284	80510	22.093	ng/ul	100
70) Atrazine	16.753	200	69790	21.627	ng/ul	98
71) Pentachlorophenol	16.953	266	41721	19.071	ng/ul	93
72) Phenanthrene	17.341	178	320873	21.274	ng/ul	100
74) Anthracene	17.435	178	323055	21.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	80781	20.542	ng/uL	95
76) Pentachlorobenzene	14.873	250	91271	21.732	ng/uL	98
77) Carbazole	17.705	167	301097	21.813	ng/ul	100
78) Di-n-butylphthalate	18.258	149	378102	21.503	ng/ul	100
80) Fluoranthene	19.356	202	395948	20.837	ng/ul	99
82) Pyrene	19.721	202	403017	21.070	ng/ul	99
83) Butylbenzylphthalate	20.602	149	161271	20.792	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.454	252	127708	20.260	ng/ul	99
85) Benzo(a)anthracene	21.536	228	405803	21.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.442	149	237798	21.394	ng/ul	98
87) Chrysene	21.601	228	382871	21.846	ng/ul	99
89) Di-n-octyl phthalate	22.623	149	409572	20.385	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	417656	20.628	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	421323	21.230	ng/ul	98
93) Benzo(a)pyrene	24.562	252	375152	20.934	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.305	276	498764	20.959	ng/ul	99
95) Dibenzo(a,h)anthracene	28.369	278	416576	21.229	ng/ul	97
96) Benzo(g,h,i)perylene	29.427	276	402055	20.685	ng/ul	99

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

Instrument :

BNA_G

ClientSampleId :

SSTD020499

Manual Integrations

APPROVED

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Supervised By :Sohil Jodhani 07/07/2023

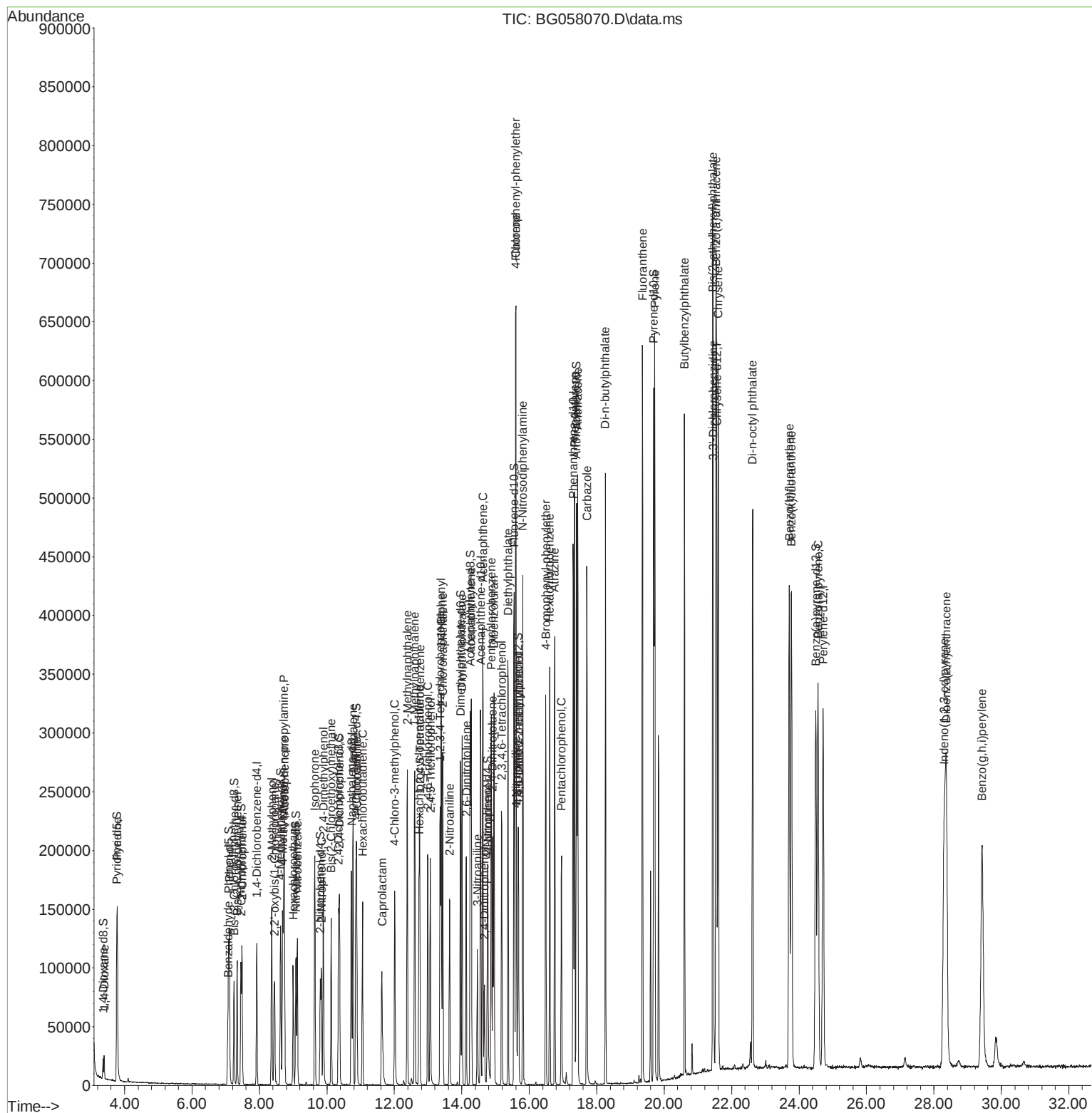
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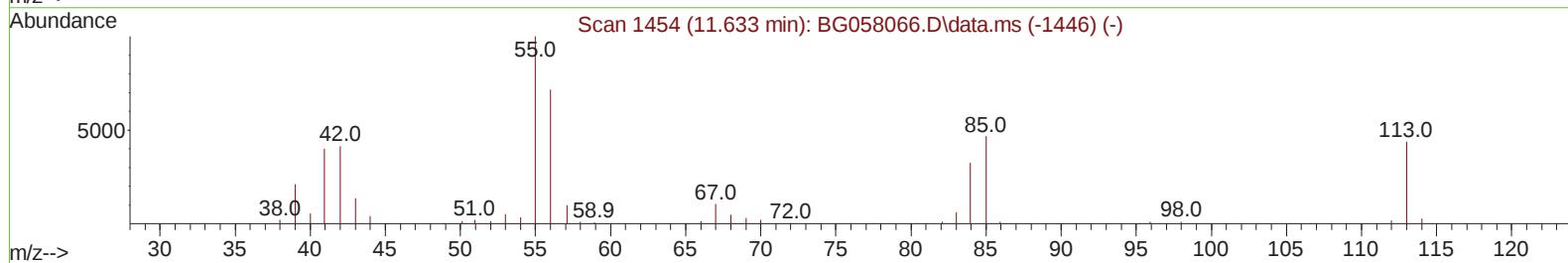
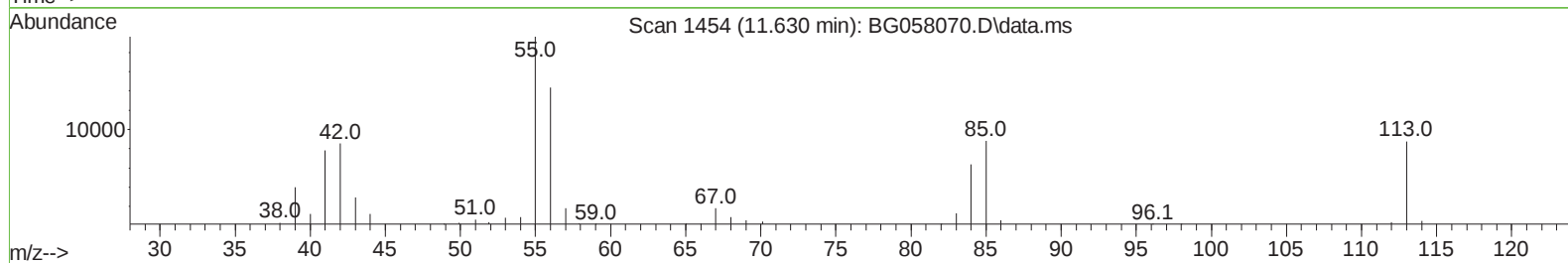
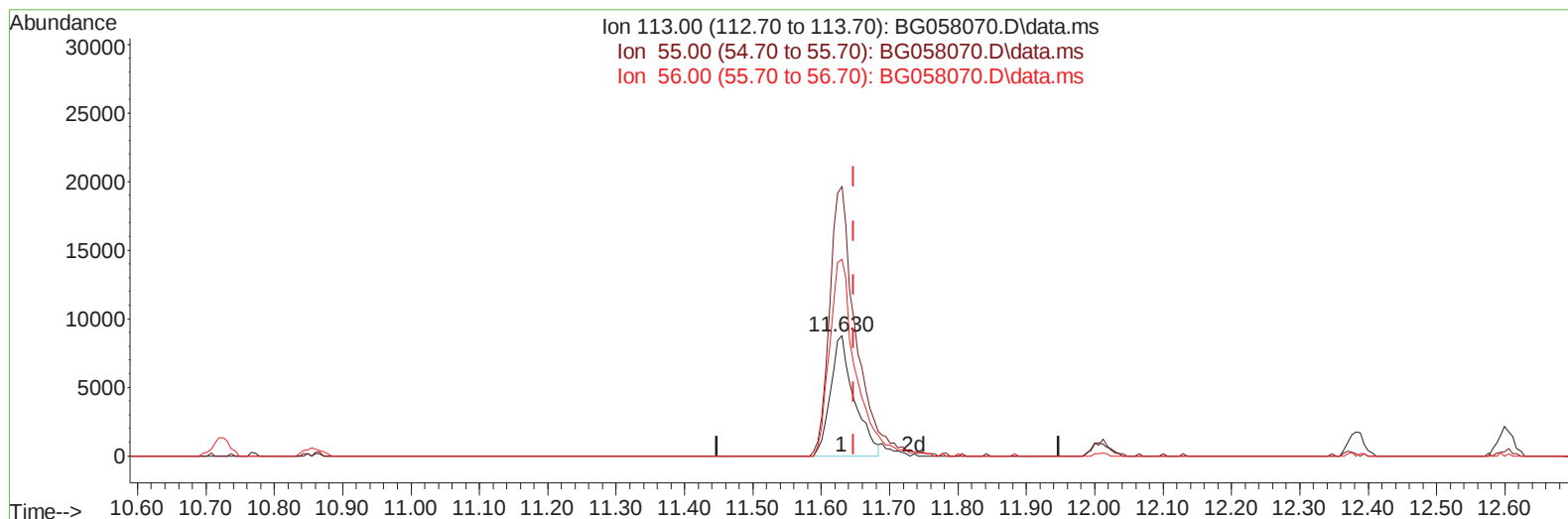
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TIC: BG058070.D\data.ms

(34) Caprolactam

11.630min (-0.018) 21.55 ng/ul

response 21138

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.25
56.00	153.80	163.92
0.00	0.00	0.00

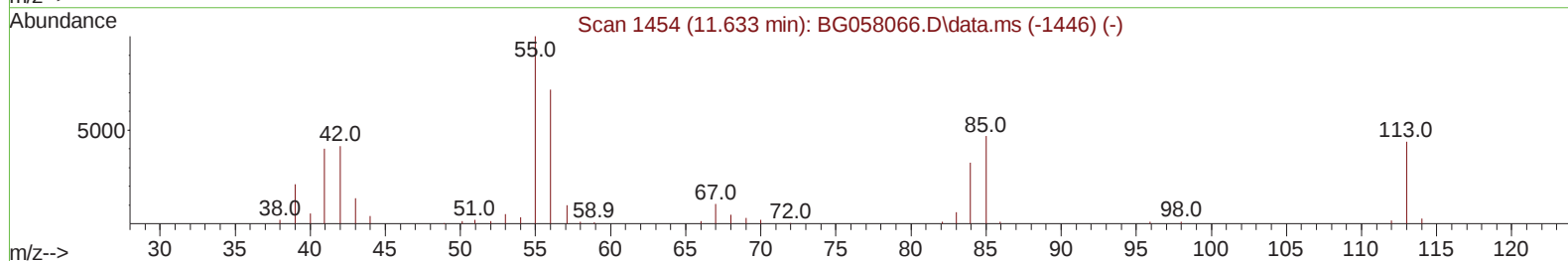
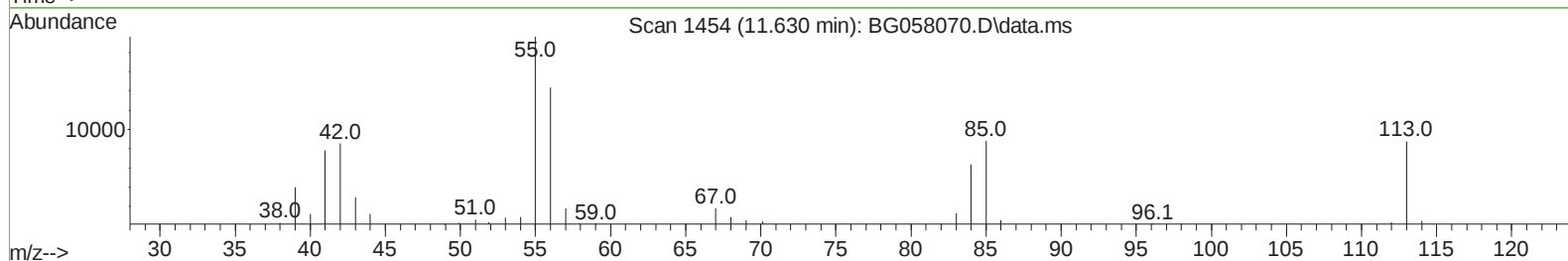
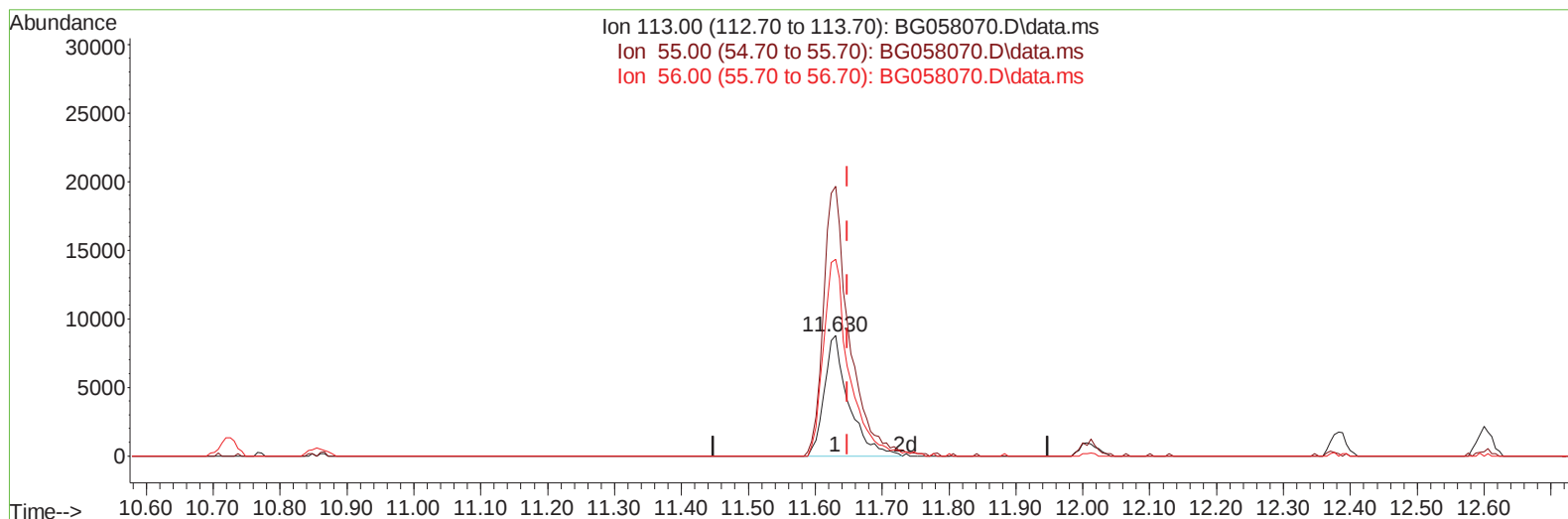
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TIC: BG058070.D\data.ms

(34) Caprolactam

11.630min (-0.018) 22.61 ng/ul m

response 22186

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.25
56.00	153.80	163.92
0.00	0.00	0.00

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31) 4-Chloroaniline-d4	10.860	131	87653	23.034	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	195179	21.965	ng/ul	0.00
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70) Atrazine	16.753	200	69790	21.627	ng/ul	98
71) Pentachlorophenol	16.953	266	41721	19.071	ng/ul	93
72) Phenanthrene	17.341	178	320873	21.274	ng/ul	100
74) Anthracene	17.435	178	323055	21.166	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	80781	20.542	ng/uL	95
76) Pentachlorobenzene	14.873	250	91271	21.732	ng/uL	98
77) Carbazole	17.705	167	301097	21.813	ng/ul	100
78) Di-n-butylphthalate	18.258	149	378102	21.503	ng/ul	100
80) Fluoranthene	19.356	202	395948	20.837	ng/ul	99
82) Pyrene	19.721	202	403017	21.070	ng/ul	99
83) Butylbenzylphthalate	20.602	149	161271	20.792	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.454	252	127708	20.260	ng/ul	99
85) Benzo(a)anthracene	21.536	228	405803	21.706	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.442	149	237798	21.394	ng/ul	98
87) Chrysene	21.601	228	382871	21.846	ng/ul	99
89) Di-n-octyl phthalate	22.623	149	409572	20.385	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	417656	20.628	ng/ul	99
91) Benzo(k)fluoranthene	23.775	252	421323	21.230	ng/ul	98
93) Benzo(a)pyrene	24.562	252	375152	20.934	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.305	276	498764	20.959	ng/ul	99
95) Dibenzo(a,h)anthracene	28.369	278	416576	21.229	ng/ul	97
96) Benzo(g,h,i)perylene	29.427	276	402055	20.685	ng/ul	99

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

Instrument :

BNA_G

ClientSampleId :

SSTD020499

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

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Manual Integrations APPROVED

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