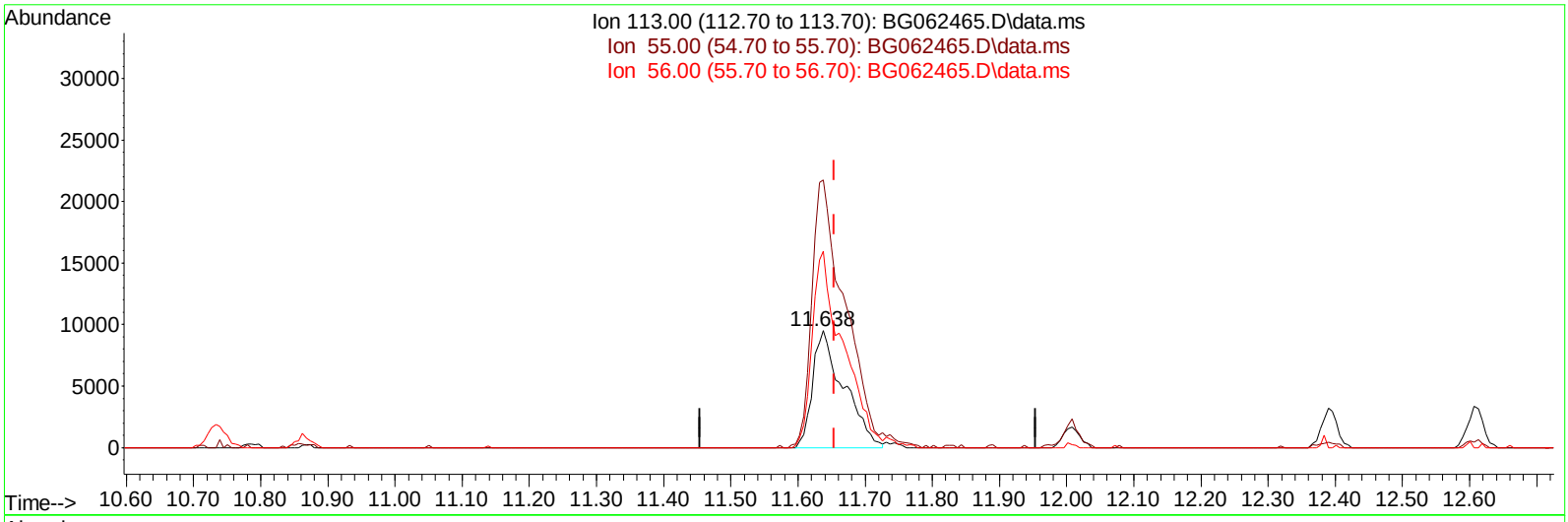
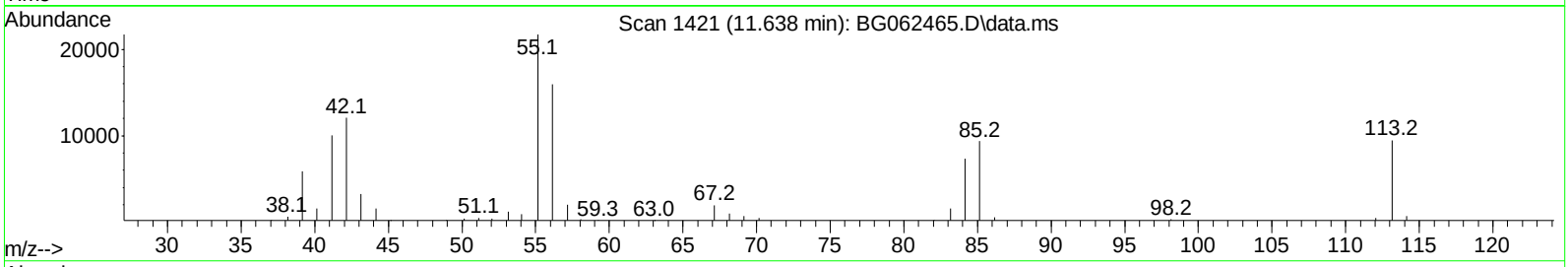
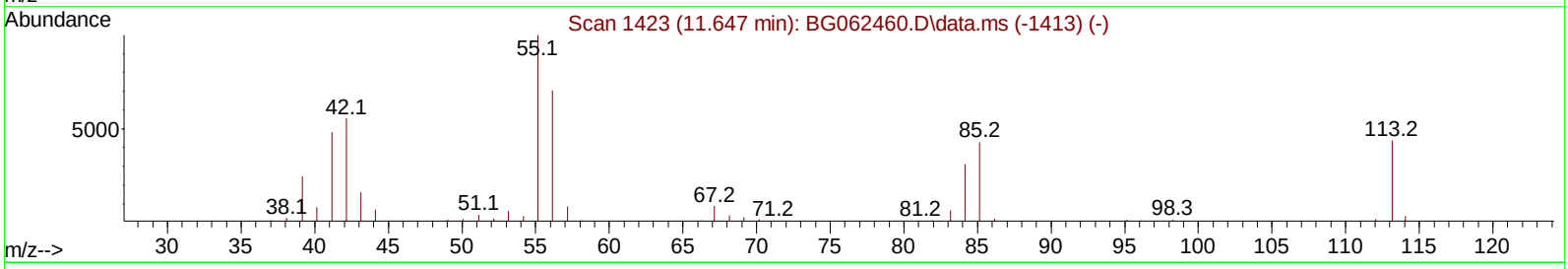
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081924\
Data File : BG062465.D
Acq On : 19 Aug 2024 15:50
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 00:50:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:31:21 2024
Response via : Initial Calibration







TIC: BG062465.D\data.ms

(34) Caprolactam

11.638min (-0.016) 18.27 ng/ul

response 30591

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	229.16
56.00	178.20	168.22
0.00	0.00	0.00

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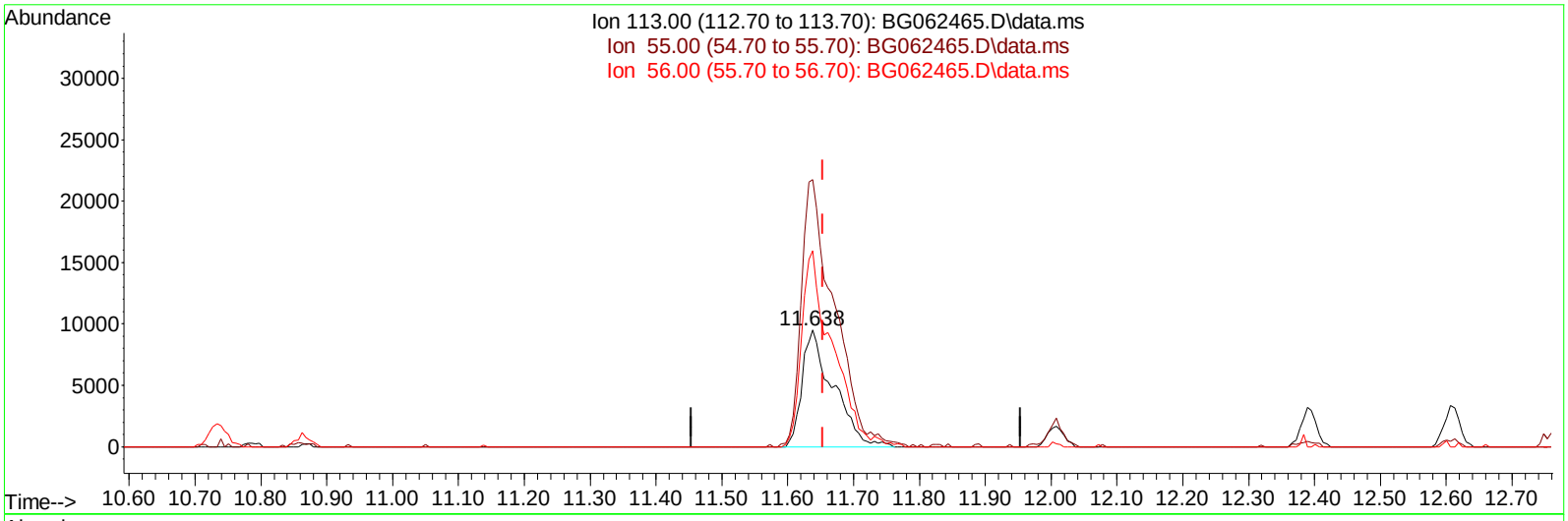

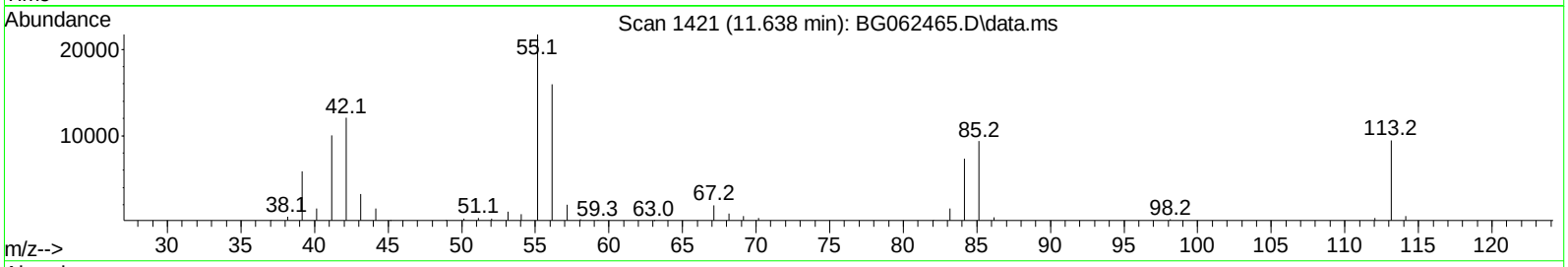

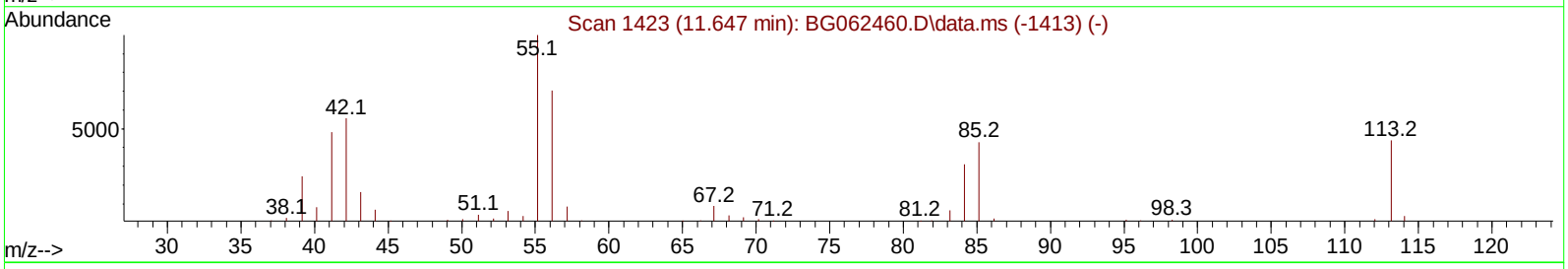

TIC: BG062465.D\data.ms

(34) Caprolactam

11.638min (-0.016) 18.60 ng/ul m

response 31145

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	229.16
56.00	178.20	168.22
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	47500	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.739	136	248751	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.563	164	199101	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.306	188	458597	20.000	ng/ul	-0.01
79) Chrysene-d12	21.548	240	454520	20.000	ng/ul	-0.02
88) Perylene-d12	24.620	264	508674	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	11454	9.155	ng/uL	-0.01
4) Pyridine-d5	3.813	84	85306	22.376	ng/ul	-0.01
7) Phenol-d5	7.103	99	94867	20.076	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.273	67	59611	20.027	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.473	132	67071	20.779	ng/ul	-0.02
15) 4-Methylphenol-d8	8.642	113	81327	20.532	ng/ul	-0.02
21) Nitrobenzene-d5	9.094	128	36126	22.646	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.817	143	39367	24.808	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.351	165	82666	20.452	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.862	131	121571	18.966	ng/ul	-0.02
46) Dimethylphthalate-d6	13.970	166	292049	18.857	ng/ul	-0.02
49) Acenaphthylene-d8	14.258	160	325848	19.002	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.751	143	50811	20.566	ng/ul	-0.01
60) Fluorene-d10	15.556	176	267859	19.176	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.667	200	44866	21.532	ng/ul	-0.02
73) Anthracene-d10	17.400	188	427976	19.427	ng/ul	-0.02
81) Pyrene-d10	19.686	212	522745	19.638	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.414	264	520210	19.270	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	12018	8.999	ng/uL	91
5) Pyridine	3.831	79	91563	22.826	ng/ul	91
6) Benzaldehyde	7.085	77	61640	25.163	ng/ul	99
8) Phenol	7.132	94	99703	20.108	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.361	93	72515	19.765	ng/ul	99
12) 2-Chlorophenol	7.508	128	72072	21.586	ng/ul	96
13) 2-Methylphenol	8.377	108	76087	20.392	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.460	45	153874	20.319	ng/ul	98
16) Acetophenone	8.759	105	133715	20.608	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.747	70	72841	21.274	ng/ul	96
18) 4-Methylphenol	8.700	108	89180	20.867	ng/ul	93
19) Hexachloroethane	9.023	117	27467	20.675	ng/ul	95
22) Nitrobenzene	9.135	77	96367	21.386	ng/ul	97
23) Isophorone	9.664	82	204306	19.199	ng/ul	98
25) 2-Nitrophenol	9.846	139	44829	25.286	ng/ul	98
26) 2,4-Dimethylphenol	9.905	107	96055	19.868	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.145	93	114118	19.279	ng/ul	98
29) 2,4-Dichlorophenol	10.380	162	83217	20.049	ng/ul	96
30) Naphthalene	10.786	128	278629	19.313	ng/ul	99
32) 4-Chloroaniline	10.886	127	119025	19.100	ng/ul	98
33) Hexachlorobutadiene	11.080	225	58833	18.647	ng/ul	99
34) Caprolactam	11.638	113	31145m	18.604	ng/ul	
35) 4-Chloro-3-methylphenol	12.008	107	101711	20.942	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.390	142	198048	19.439 ng/ul	99
37) 1-Methylnaphthalene	12.607	142	202816	19.511 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.760	216	128480	19.324 ng/ul	100
40) Hexachlorocyclopentadiene	12.742	237	65957	19.354 ng/ul	99
41) 2,4,6-Trichlorophenol	12.995	196	80101	20.944 ng/ul	96
42) 2,4,5-Trichlorophenol	13.065	196	88395	22.014 ng/ul	97
43) 1,1'-Biphenyl	13.400	154	288315	19.114 ng/ul	98
44) 2-Chloronaphthalene	13.441	162	226830	19.434 ng/ul	100
45) 2-Nitroaniline	13.635	65	69761	23.075 ng/ul	99
47) Dimethylphthalate	14.017	163	297244	18.931 ng/ul	100
48) 2,6-Dinitrotoluene	14.134	165	52817	23.553 ng/ul	90
50) Acenaphthylene	14.287	152	353654	19.263 ng/ul	99
51) 3-Nitroaniline	14.457	138	54830	21.459 ng/ul	99
52) Acenaphthene	14.628	153	263724	19.194 ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	29619	20.940 ng/ul	89
55) 4-Nitrophenol	14.763	109	43062	20.306 ng/ul	99
56) Dibenzofuran	14.963	168	373369	19.317 ng/ul	100
57) 2,4-Dinitrotoluene	14.916	165	79383	23.255 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.186	232	85260	22.084 ng/ul#	100
59) Diethylphthalate	15.385	149	293095	18.705 ng/ul	99
61) Fluorene	15.609	166	289273	18.988 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.603	204	149660	19.117 ng/ul	98
63) 4-Nitroaniline	15.620	138	57011	21.347 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.679	198	49432	21.055 ng/ul	99
67) N-Nitrosodiphenylamine	15.814	169	256706	19.309 ng/ul	98
68) 4-Bromophenyl-phenylether	16.496	248	102918	19.997 ng/ul	97
69) Hexachlorobenzene	16.613	284	116345	19.403 ng/ul	97
70) Atrazine	16.760	200	106386	19.192 ng/ul	99
71) Pentachlorophenol	16.954	266	72938	20.844 ng/ul	98
72) Phenanthrene	17.348	178	493170	19.138 ng/ul	99
74) Anthracene	17.436	178	510136	19.325 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.365	216	130189	19.859 ng/ul	98
76) Pentachlorobenzene	14.880	250	137062	19.931 ng/ul	98
77) Carbazole	17.700	167	423203	19.086 ng/ul	99
78) Di-n-butylphthalate	18.270	149	511560	19.285 ng/ul	99
80) Fluoranthene	19.351	202	588433	19.788 ng/ul	99
82) Pyrene	19.715	202	634986	19.811 ng/ul	99
83) Butylbenzylphthalate	20.608	149	222395	20.599 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.442	252	208238	20.991 ng/ul	96
85) Benzo(a)anthracene	21.524	228	637681	19.329 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.448	149	328332	20.815 ng/ul	99
87) Chrysene	21.589	228	596882	19.084 ng/ul	99
89) Di-n-octyl phthalate	22.617	149	565413	20.842 ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	590434	19.214 ng/ul	99
91) Benzo(k)fluoranthene	23.715	252	588449	18.972 ng/ul	99
93) Benzo(a)pyrene	24.479	252	555028	19.159 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.092	276	702291	19.073 ng/ul	98
95) Dibenzo(a,h)anthracene	28.156	278	571903	19.163 ng/ul	99
96) Benzo(g,h,i)perylene	29.179	276	529881	18.712 ng/ul	99

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

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