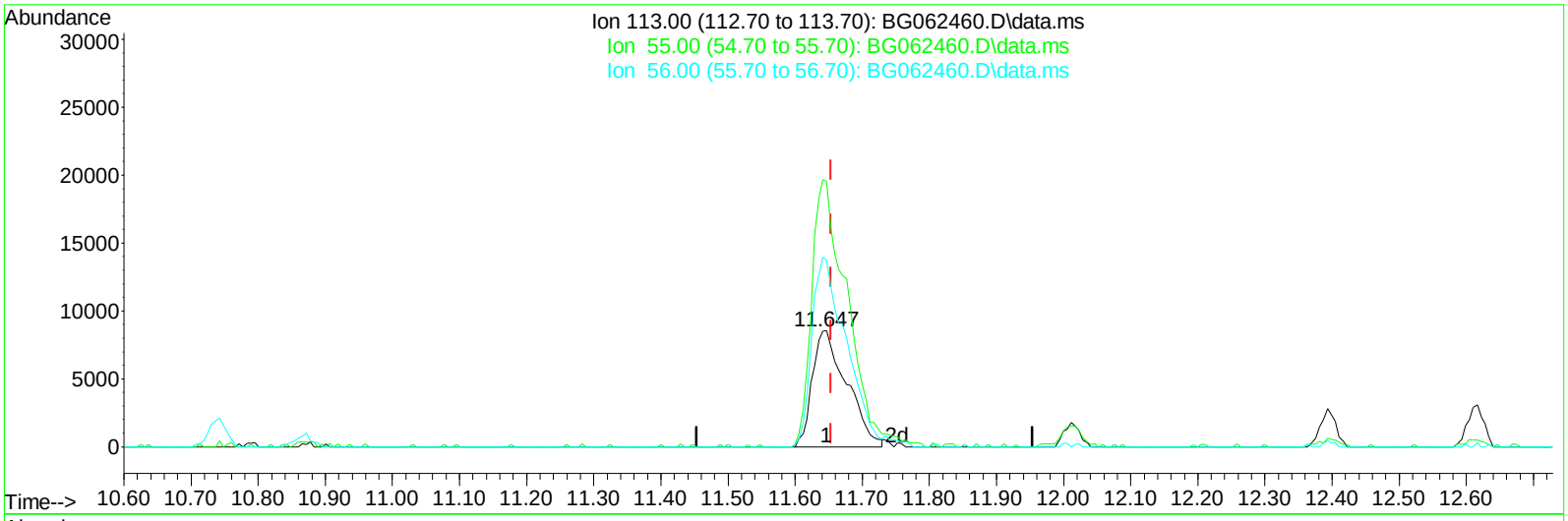
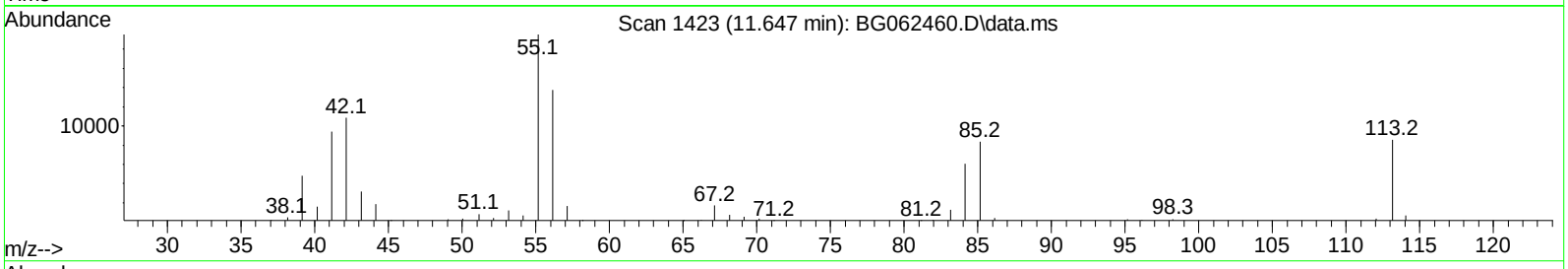
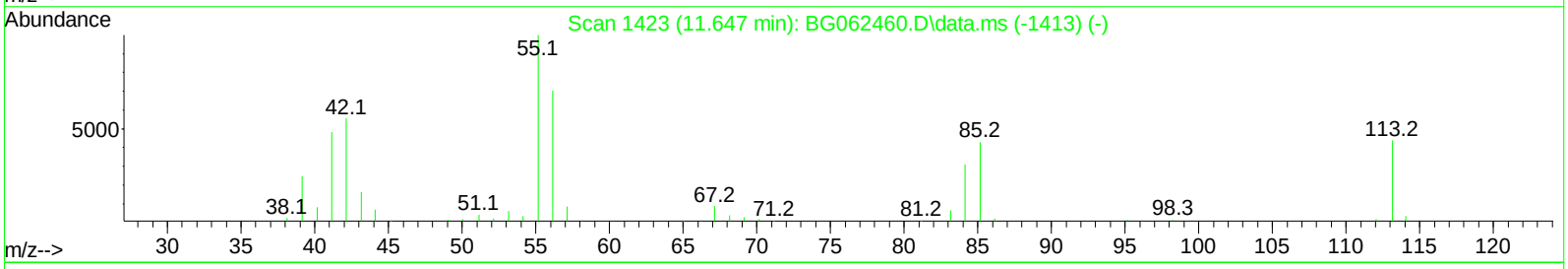
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081924\
Data File : BG062460.D
Acq On : 19 Aug 2024 12:07
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 19 13:56:57 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: BG062460.D\data.ms

(34) Caprolactam

11.647min (-0.007) 18.36 ng/ul

response 30314

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	228.53
56.00	178.20	160.62
0.00	0.00	0.00

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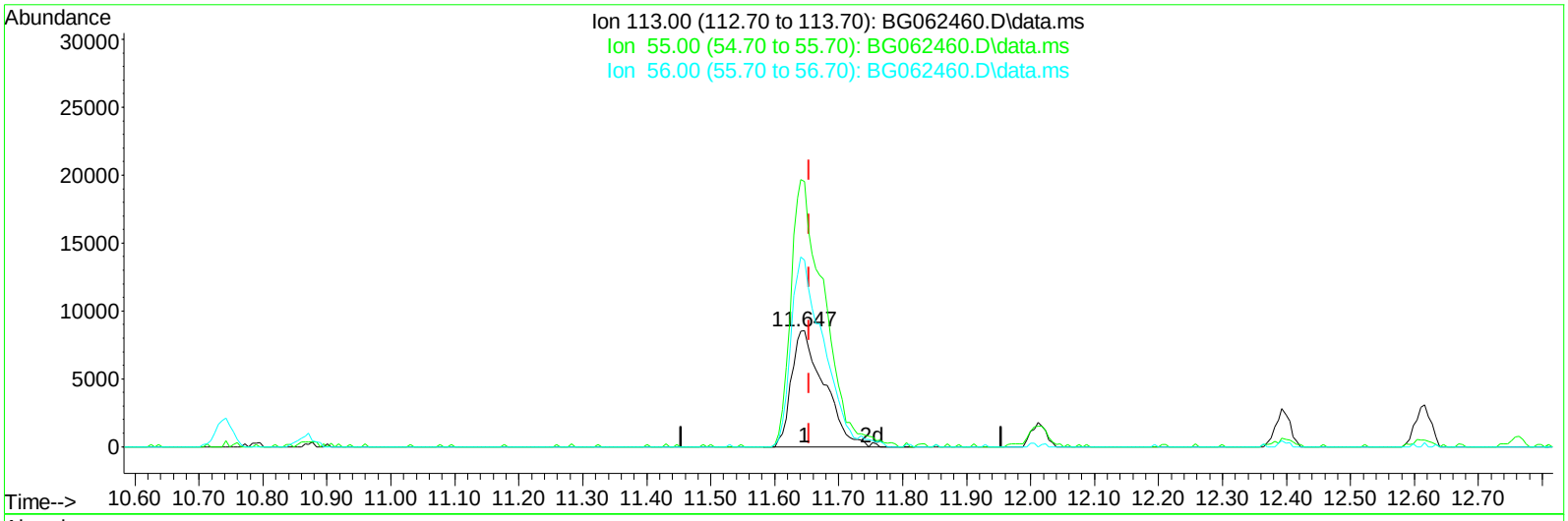

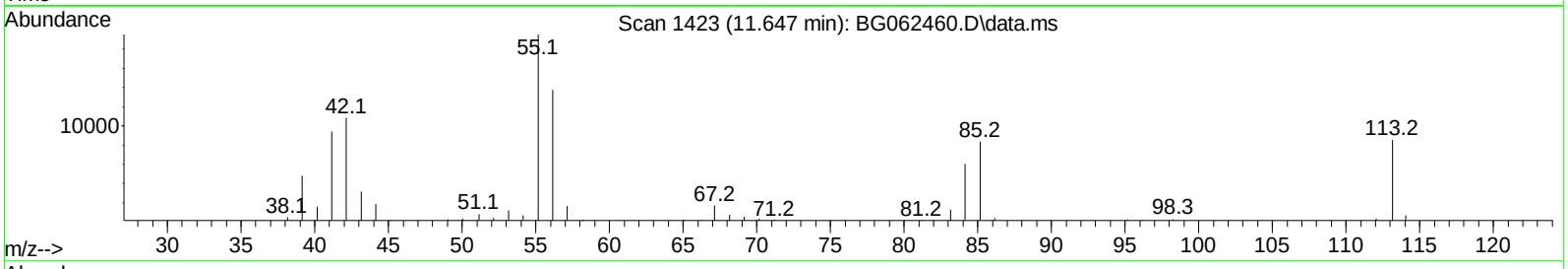

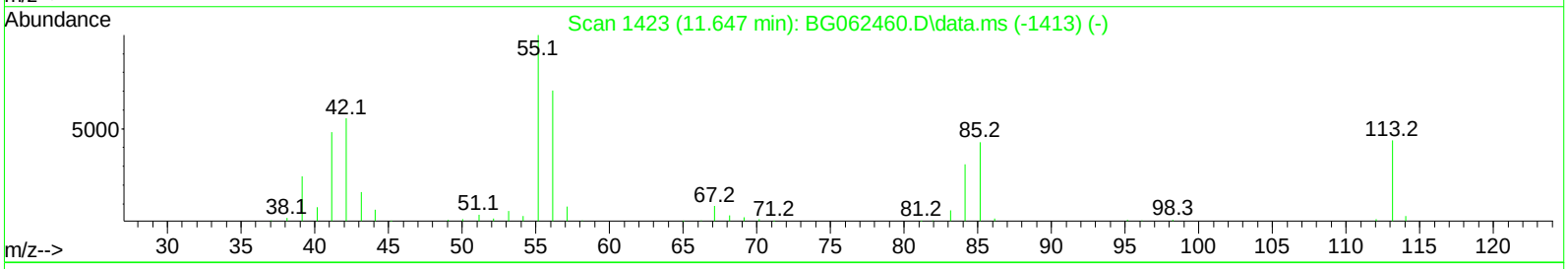

TIC: BG062460.D\data.ms

(34) Caprolactam

11.647min (-0.007) 18.64 ng/ul m

response 30774

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	228.53
56.00	178.20	160.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.946	152	51156	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.742	136	245328	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.567	164	191390	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.310	188	442249	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	401809	20.000	ng/ul	-0.01
88) Perylene-d12	24.629	264	458185	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	12954	9.614	ng/uL	-0.01
4) Pyridine-d5	3.811	84	92741	22.588	ng/ul	-0.01
7) Phenol-d5	7.106	99	94880	18.644	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.271	67	59464	18.550	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.476	132	71778	20.648	ng/ul	-0.01
15) 4-Methylphenol-d8	8.645	113	80871	18.958	ng/ul	-0.01
21) Nitrobenzene-d5	9.097	128	35012	22.254	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.820	143	36742	23.476	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.355	165	80670	20.237	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.866	131	117905	18.651	ng/ul	-0.01
46) Dimethylphthalate-d6	13.973	166	289247	19.429	ng/ul	-0.01
49) Acenaphthylene-d8	14.261	160	319496	19.383	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.755	143	47200	19.874	ng/ul	0.00
60) Fluorene-d10	15.559	176	262419	19.544	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.671	200	39745	19.780	ng/ul	-0.01
73) Anthracene-d10	17.404	188	407242	19.169	ng/ul	-0.01
81) Pyrene-d10	19.689	212	489277	20.792	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.424	264	464075	19.085	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	13421	9.331	ng/uL	95
5) Pyridine	3.834	79	98851	22.882	ng/ul	97
6) Benzaldehyde	7.083	77	60013	22.748	ng/ul	97
8) Phenol	7.130	94	99312	18.598	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.365	93	74764	18.921	ng/ul	98
12) 2-Chlorophenol	7.511	128	73804	20.525	ng/ul	95
13) 2-Methylphenol	8.381	108	73878	18.385	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	152607	18.711	ng/ul	99
16) Acetophenone	8.763	105	132654	18.984	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.751	70	71358	19.351	ng/ul	98
18) 4-Methylphenol	8.710	108	85030	18.474	ng/ul	94
19) Hexachloroethane	9.027	117	29353	20.516	ng/ul	97
22) Nitrobenzene	9.139	77	94190	21.195	ng/ul	98
23) Isophorone	9.661	82	198552	18.918	ng/ul	98
25) 2-Nitrophenol	9.849	139	42256	24.167	ng/ul#	94
26) 2,4-Dimethylphenol	9.908	107	94479	19.814	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.143	93	111652	19.126	ng/ul	98
29) 2,4-Dichlorophenol	10.384	162	83554	20.411	ng/ul	97
30) Naphthalene	10.789	128	276103	19.405	ng/ul	100
32) 4-Chloroaniline	10.889	127	117033	19.043	ng/ul	99
33) Hexachlorobutadiene	11.083	225	59206	19.027	ng/ul	97
34) Caprolactam	11.647	113	30774m	18.639	ng/ul	
35) 4-Chloro-3-methylphenol	12.011	107	99138	20.697	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	197799	19.685	ng/ul	98
37) 1-Methylnaphthalene	12.610	142	200205	19.528	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	119992	18.775	ng/ul	97
40) Hexachlorocyclopentadiene	12.745	237	63179	19.285	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	76988	20.941	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	81682	21.161	ng/ul	99
43) 1,1'-Biphenyl	13.403	154	280973	19.378	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	216636	19.308	ng/ul	100
45) 2-Nitroaniline	13.638	65	64673	22.254	ng/ul	98
47) Dimethylphthalate	14.020	163	294470	19.510	ng/ul	99
48) 2,6-Dinitrotoluene	14.138	165	47797	22.173	ng/ul	95
50) Acenaphthylene	14.290	152	342924	19.431	ng/ul	98
51) 3-Nitroaniline	14.461	138	52140	21.229	ng/ul	97
52) Acenaphthene	14.631	153	252035	19.082	ng/ul	98
53) 2,4-Dinitrophenol	14.666	184	25798	18.973	ng/ul	96
55) 4-Nitrophenol	14.766	109	39106	19.183	ng/ul	94
56) Dibenzofuran	14.966	168	353400	19.020	ng/ul	98
57) 2,4-Dinitrotoluene	14.919	165	74022	22.558	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.189	232	77938	21.001	ng/ul#	99
59) Diethylphthalate	15.389	149	291585	19.358	ng/ul	99
61) Fluorene	15.612	166	278537	19.020	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.606	204	144989	19.266	ng/ul	98
63) 4-Nitroaniline	15.624	138	54190	21.108	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.683	198	45806	20.232	ng/ul	97
67) N-Nitrosodiphenylamine	15.818	169	251066	19.583	ng/ul	99
68) 4-Bromophenyl-phenylether	16.499	248	97916	19.728	ng/ul	97
69) Hexachlorobenzene	16.617	284	112443	19.446	ng/ul	98
70) Atrazine	16.769	200	101828	19.049	ng/ul	96
71) Pentachlorophenol	16.957	266	68174	20.203	ng/ul	99
72) Phenanthrene	17.351	178	476155	19.161	ng/ul	99
74) Anthracene	17.439	178	493957	19.404	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.368	216	123283	19.501	ng/ul	98
76) Pentachlorobenzene	14.884	250	128094	19.315	ng/ul	97
77) Carbazole	17.703	167	414215	19.371	ng/ul	98
78) Di-n-butylphthalate	18.273	149	498913	19.504	ng/ul	99
80) Fluoranthene	19.354	202	557226	21.196	ng/ul	98
82) Pyrene	19.718	202	593400	20.942	ng/ul	99
83) Butylbenzylphthalate	20.611	149	202477	21.214	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	188019	21.439	ng/ul	99
85) Benzo(a)anthracene	21.528	228	569317	19.521	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.457	149	295604	21.198	ng/ul	99
87) Chrysene	21.592	228	535716	19.376	ng/ul	98
89) Di-n-octyl phthalate	22.620	149	501255	20.513	ng/ul	100
90) Benzo(b)fluoranthene	23.654	252	542312	19.593	ng/ul	98
91) Benzo(k)fluoranthene	23.719	252	531188	19.013	ng/ul	100
93) Benzo(a)pyrene	24.483	252	505586	19.376	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.113	276	652599	19.677	ng/ul	97
95) Dibenzo(a,h)anthracene	28.172	278	526801	19.597	ng/ul	97
96) Benzo(g,h,i)perylene	29.194	276	501787	19.673	ng/ul	98

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

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