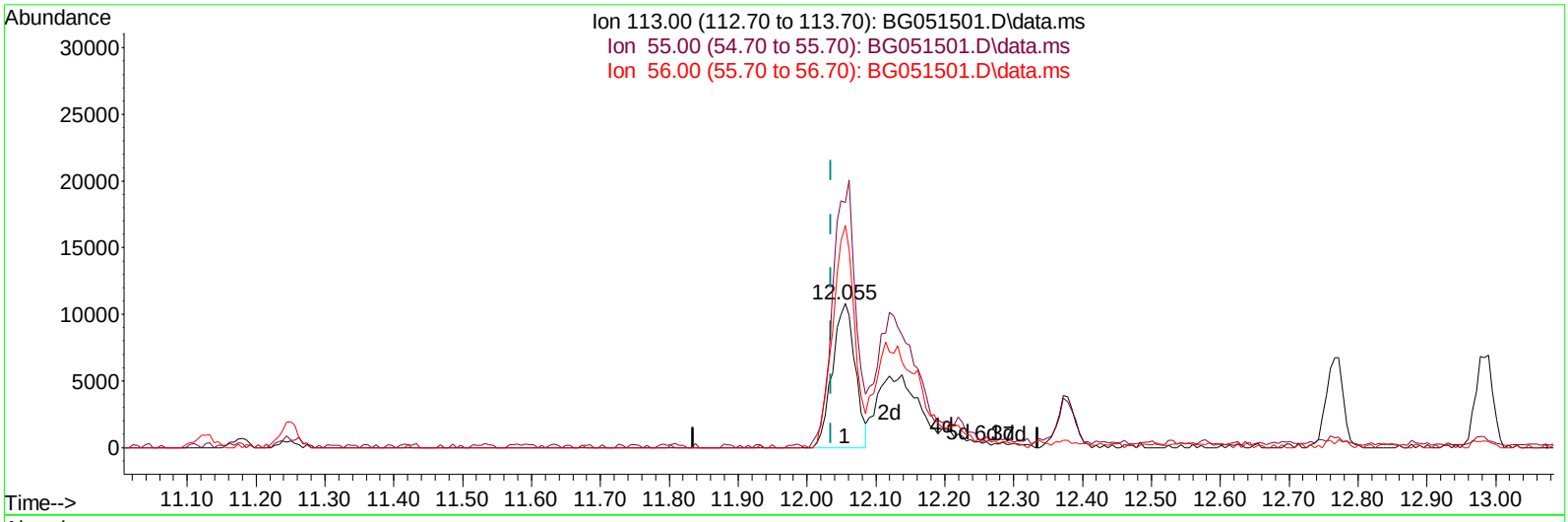
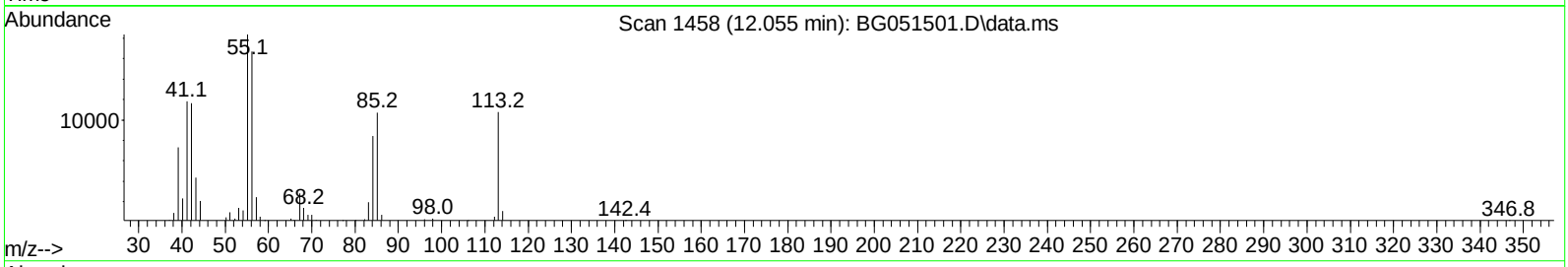
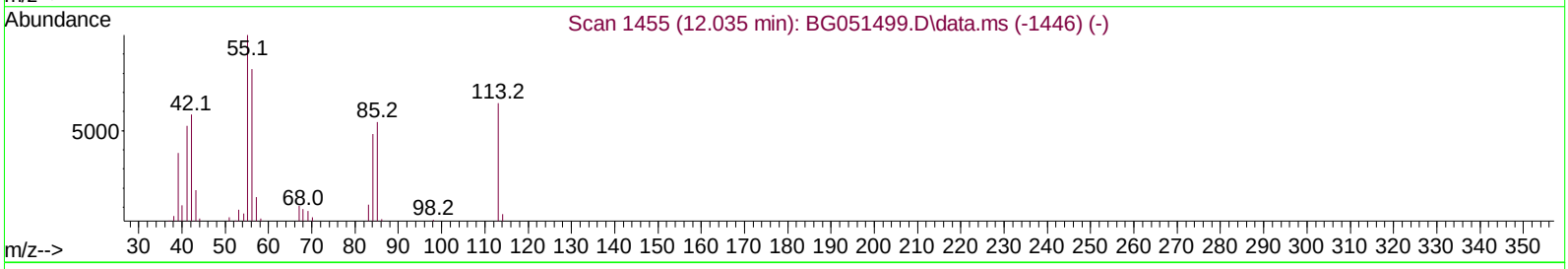
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051501.D
Acq On : 14 Dec 2021 12:49
Operator : CG/JU
Sample : SSTD08039
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 14 13:36:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 13:31:18 2021
Response via : Initial Calibration







TIC: BG051501.D\data.ms

(34) Caprolactam

12.055min (+ 0.021) 37.96 ng/ul

response 24792

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	170.09
56.00	136.50	154.61
0.00	0.00	0.00

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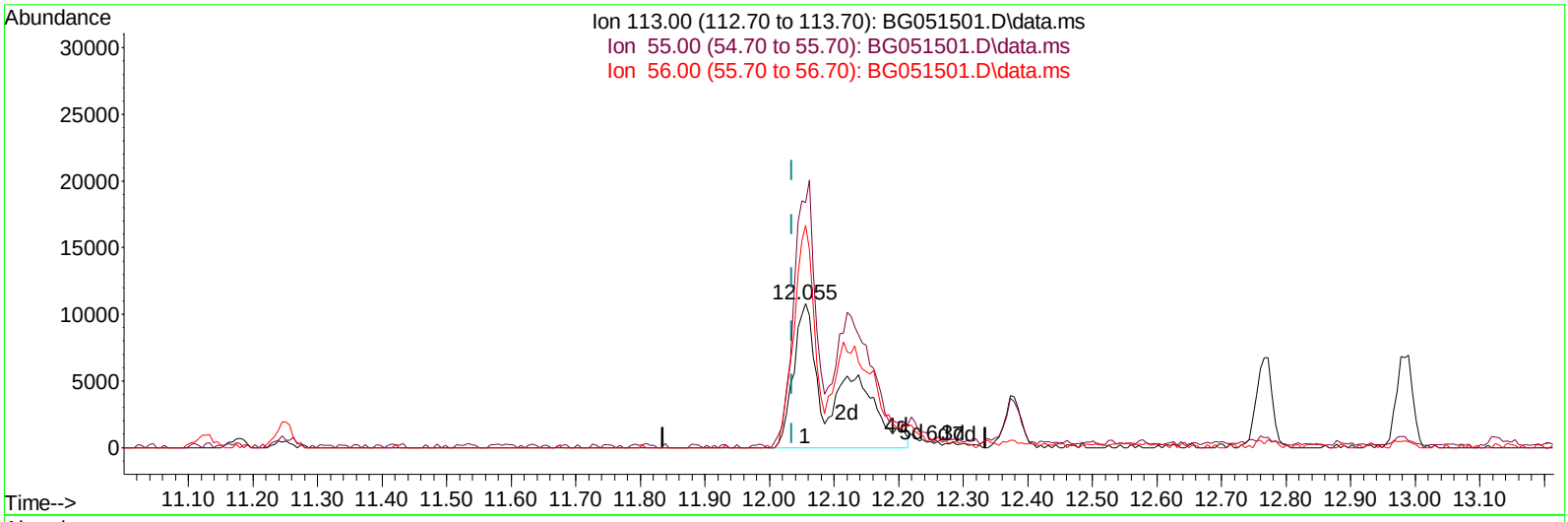

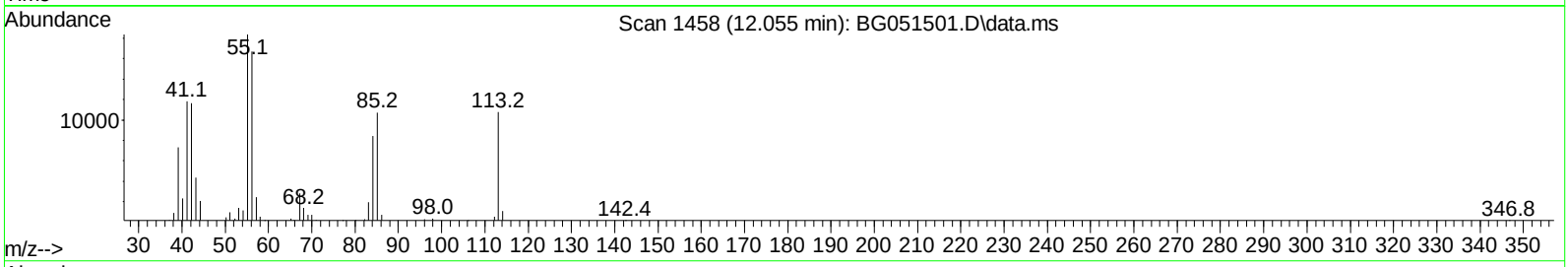

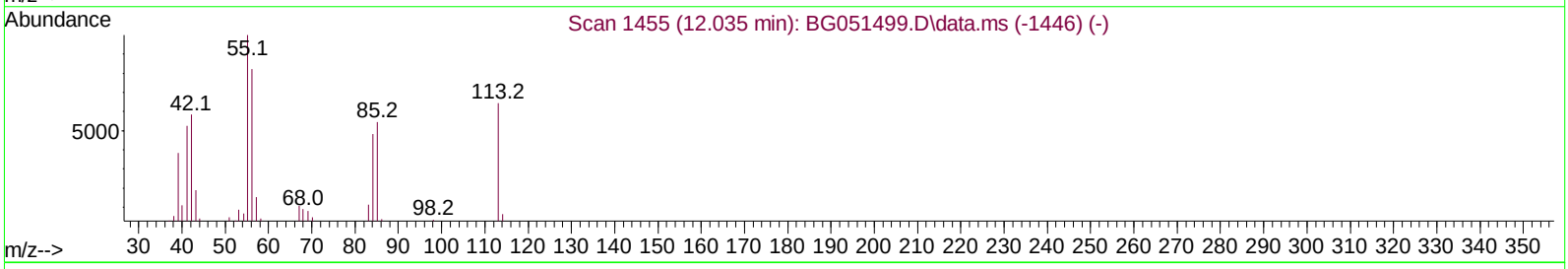

TIC: BG051501.D\data.ms

(34) Caprolactam

12.055min (+ 0.021) 75.33 ng/ul m

response 49196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	170.09
56.00	136.50	154.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.290	152	31352	20.000	ng/ul	0.00
20) Naphthalene-d8	11.127	136	128004	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.922	164	92693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.665	188	231071	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.989	240	217044	20.000	ng/ul	# 0.00
88) Perylene-d12	25.496	264	217335	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.608	96	22212	27.473	ng/uL	0.00
4) Pyridine-d5	4.043	84	185047	83.059	ng/ul	0.00
7) Phenol-d5	7.414	99	220861	77.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.597	67	128196	75.238	ng/ul	0.00
11) 2-Chlorophenol-d4	7.814	132	156393	78.327	ng/ul	0.00
15) 4-Methylphenol-d8	8.989	113	171578	74.051	ng/ul	0.00
21) Nitrobenzene-d5	9.459	128	76132	82.766	ng/ul	0.00
24) 2-Nitrophenol-d4	10.193	143	86864	91.980	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.733	165	177621	75.419	ng/ul	0.00
31) 4-Chloroaniline-d4	11.250	131	226570	75.001	ng/ul	0.00
46) Dimethylphthalate-d6	14.317	166	570631	75.839	ng/ul	0.00
49) Acenaphthylene-d8	14.616	160	704854	75.505	ng/ul	0.00
54) 4-Nitrophenol-d4	15.092	143	98226	88.583	ng/ul	0.01
60) Fluorene-d10	15.909	176	504011	76.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.015	200	101990	96.852	ng/ul	0.00
73) Anthracene-d10	17.771	188	819798	72.945	ng/ul	0.00
81) Pyrene-d10	20.044	212	993782	73.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.261	264	904113	79.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	25309	32.761	ng/uL#	97
5) Pyridine	4.066	79	182745	78.738	ng/ul	97
6) Benzaldehyde	7.409	77	122895	71.381	ng/ul	97
8) Phenol	7.450	94	217446	76.455	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.691	93	160687	74.427	ng/ul	95
12) 2-Chlorophenol	7.843	128	156422	74.030	ng/ul	96
13) 2-Methylphenol	8.719	108	166809	76.226	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.813	45	217661	73.062	ng/ul#	95
16) Acetophenone	9.118	105	255961	70.821	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.106	70	149268	67.567	ng/ul	96
18) 4-Methylphenol	9.053	108	172441	72.941	ng/ul	99
19) Hexachloroethane	9.394	117	66219	73.656	ng/ul#	74
22) Nitrobenzene	9.500	77	215726	83.313	ng/ul#	98
23) Isophorone	10.040	82	424091	73.560	ng/ul#	97
25) 2-Nitrophenol	10.222	139	94125	91.202	ng/ul	96
26) 2,4-Dimethylphenol	10.269	107	206922	73.485	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.510	93	223565	71.441	ng/ul	99
29) 2,4-Dichlorophenol	10.763	162	169291	77.930	ng/ul	97
30) Naphthalene	11.180	128	525108	75.576	ng/ul	99
32) 4-Chloroaniline	11.274	127	233818	76.526	ng/ul	98
33) Hexachlorobutadiene	11.468	225	139663	77.879	ng/ul	97
34) Caprolactam	12.055	113	49196m	75.332	ng/ul	
35) 4-Chloro-3-methylphenol	12.378	107	184543	72.282	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.766	142	381647	74.564 ng/ul	98
37) 1-Methylnaphthalene	12.983	142	387070	73.710 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.130	216	249187	77.830 ng/ul	99
40) Hexachlorocyclopentadiene	13.113	237	186526	81.974 ng/ul	99
41) 2,4,6-Trichlorophenol	13.359	196	157792	81.981 ng/ul	98
42) 2,4,5-Trichlorophenol	13.430	196	163845	80.407 ng/ul	98
43) 1,1'-Biphenyl	13.759	154	529686	75.559 ng/ul#	95
44) 2-Chloronaphthalene	13.806	162	419161	76.858 ng/ul	99
45) 2-Nitroaniline	13.994	65	141243	93.378 ng/ul	94
47) Dimethylphthalate	14.364	163	543979	74.121 ng/ul	98
48) 2,6-Dinitrotoluene	14.481	165	115984	95.175 ng/ul	97
50) Acenaphthylene	14.646	152	673905	73.864 ng/ul	98
51) 3-Nitroaniline	14.810	138	103028	85.353 ng/ul	96
52) Acenaphthene	14.987	153	453812	75.307 ng/ul	96
53) 2,4-Dinitrophenol	15.010	184	69184	105.212 ng/ul#	76
55) 4-Nitrophenol	15.104	109	103720	88.479 ng/ul	87
56) Dibenzofuran	15.321	168	654019	74.654 ng/ul	99
57) 2,4-Dinitrotoluene	15.263	165	163001	97.024 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.539	232	165454	86.929 ng/ul#	87
59) Diethylphthalate	15.727	149	568250	74.462 ng/ul	95
61) Fluorene	15.968	166	539140	74.347 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.950	204	305205	75.691 ng/ul	92
63) 4-Nitroaniline	15.973	138	102980	82.961 ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.032	198	99527	93.864 ng/ul#	93
67) N-Nitrosodiphenylamine	16.161	169	482484	74.430 ng/ul	97
68) 4-Bromophenyl-phenylether	16.849	248	194651	71.532 ng/ul#	89
69) Hexachlorobenzene	16.972	284	229846	76.325 ng/ul#	92
70) Atrazine	17.107	200	217385	74.820 ng/ul	100
71) Pentachlorophenol	17.307	266	152006	83.521 ng/ul	96
72) Phenanthrene	17.712	178	901647	75.152 ng/ul	98
74) Anthracene	17.800	178	878604	72.174 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.729	216	280634	77.273 ng/uL	95
76) Pentachlorobenzene	15.239	250	267631	75.830 ng/uL	99
77) Carbazole	18.065	167	817679	74.352 ng/ul	97
78) Di-n-butylphthalate	18.617	149	962032	71.021 ng/ul	99
80) Fluoranthene	19.710	202	1146985	72.945 ng/ul#	91
82) Pyrene	20.074	202	1097027	71.591 ng/ul#	88
83) Butylbenzylphthalate	20.949	149	404551	75.804 ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.871	252	398535	74.080 ng/ul#	96
85) Benzo(a)anthracene	21.971	228	1071939	74.946 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.865	149	562013	75.256 ng/ul#	97
87) Chrysene	22.042	228	1033708	75.447 ng/ul	97
89) Di-n-octyl phthalate	23.187	149	917425	75.462 ng/ul	100
90) Benzo(b)fluoranthene	24.386	252	1142514	79.327 ng/ul#	96
91) Benzo(k)fluoranthene	24.462	252	1028172	77.057 ng/ul#	94
93) Benzo(a)pyrene	25.343	252	1056077	77.339 ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.555	276	1195141	77.920 ng/ul#	89
95) Dibenzo(a,h)anthracene	29.637	278	999885	76.686 ng/ul#	94
96) Benzo(g,h,i)perylene	30.824	276	1022840	77.724 ng/ul#	88

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

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