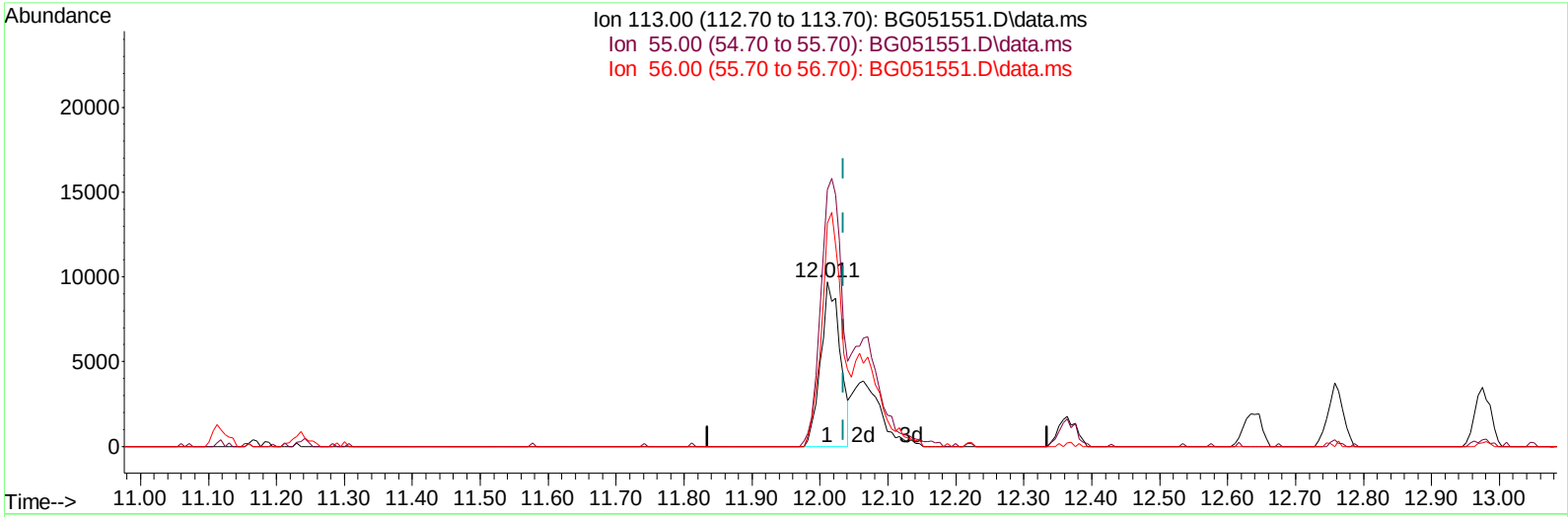
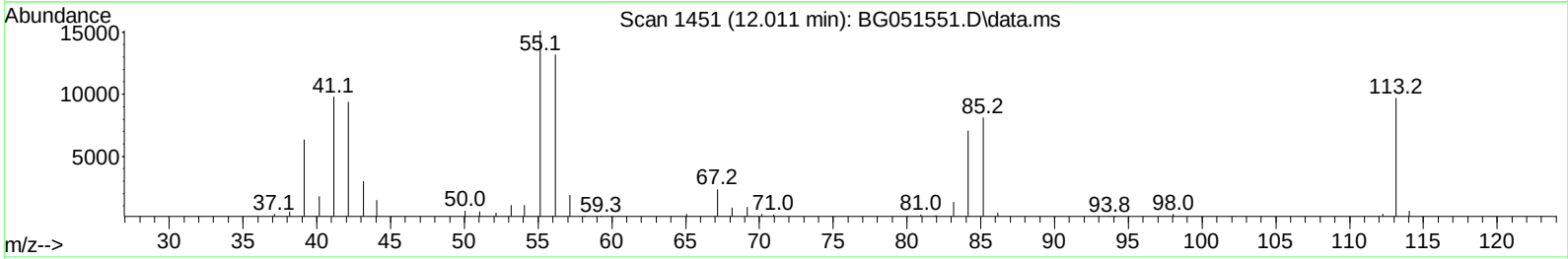
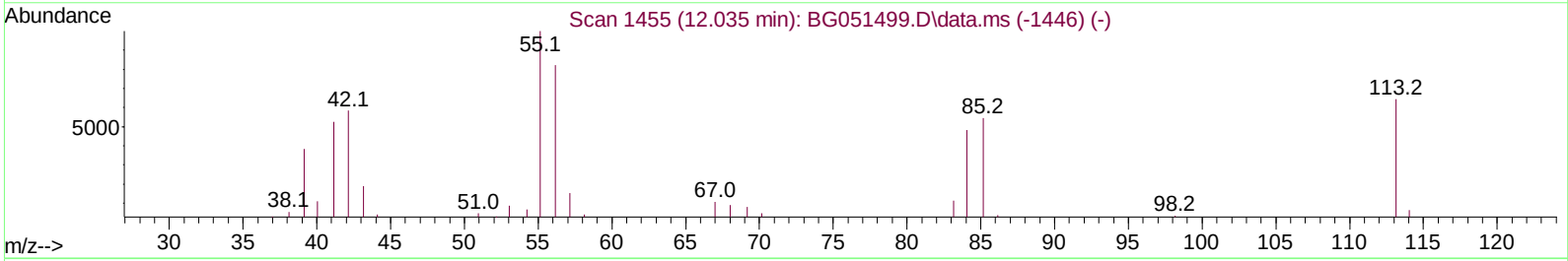
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
Data File : BG051551.D
Acq On : 16 Dec 2021 00:29
Operator : CG/JU
Sample : PB141411BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 16 02:17:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration







TIC: BG051551.D\data.ms

(34) Caprolactam

12.011min (-0.023) 29.52 ng/ul

response 19335

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	156.09
56.00	136.50	135.94
0.00	0.00	0.00

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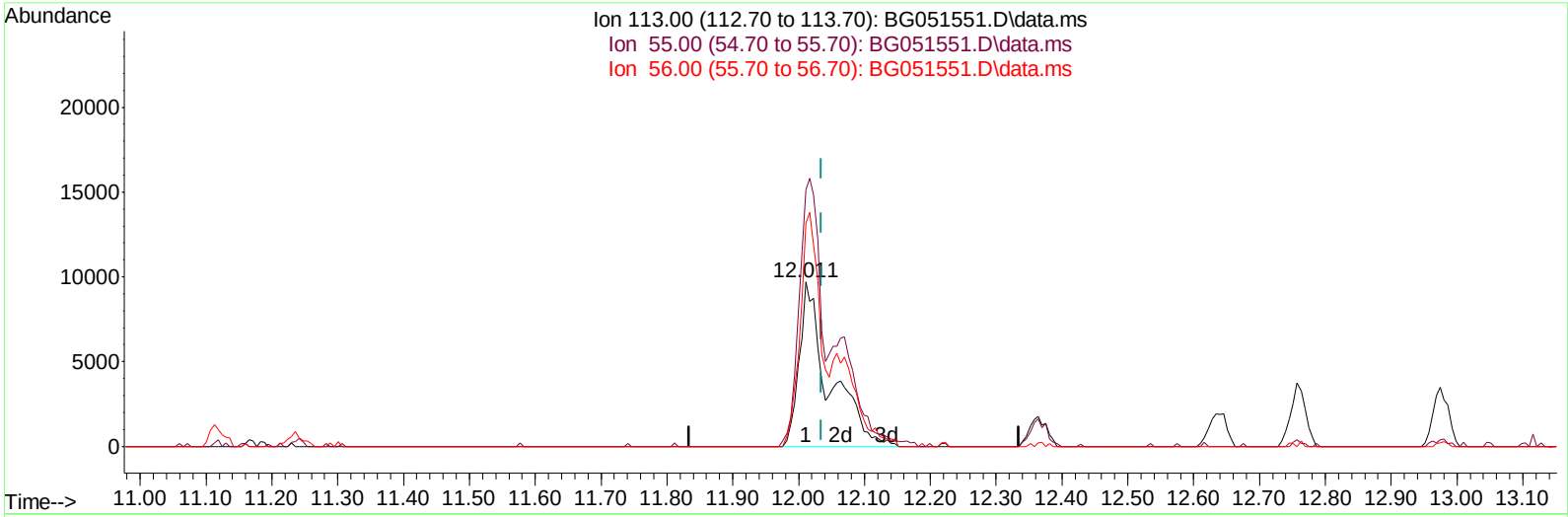

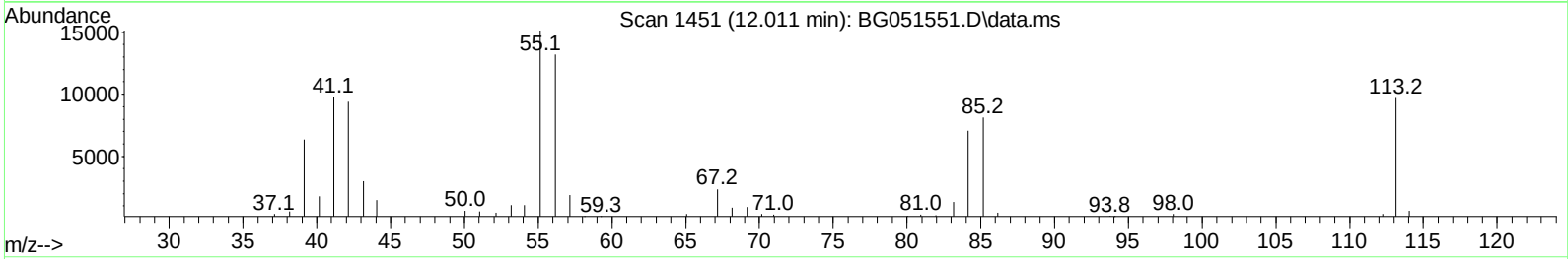

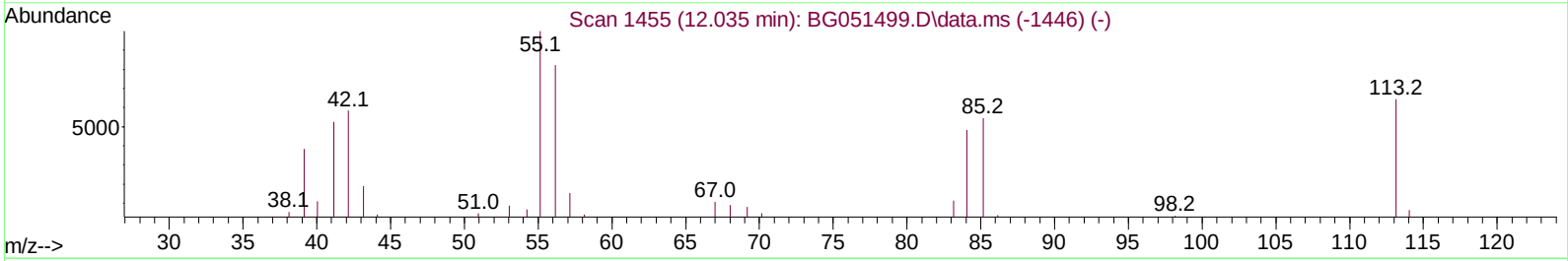

TIC: BG051551.D\data.ms

(34) Caprolactam

12.011min (-0.023) 46.76 ng/ul m

response 30628

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	156.09
56.00	136.50	135.94
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	8.275	152	33031	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.118	136	130824	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.913	164	95805	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	241564	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	238925	20.000	ng/ul	# 0.00
88) Perylene-d12	25.475	264	241802	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	5533	6.957	ng/uL	0.00
4) Pyridine-d5	4.034	84	84601	35.205	ng/ul	-0.01
7) Phenol-d5	7.412	99	110660	37.522	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	63814	36.398	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.805	132	78387	38.216	ng/ul	0.00
15) 4-Methylphenol-d8	8.974	113	83754	36.739	ng/ul	0.00
21) Nitrobenzene-d5	9.450	128	38692	40.340	ng/ul	0.00
24) 2-Nitrophenol-d4	10.184	143	44216	42.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.725	165	91211	40.114	ng/ul	0.00
31) 4-Chloroaniline-d4	11.236	131	100029	33.413	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	295453	38.530	ng/ul	0.00
49) Acenaphthylene-d8	14.608	160	360078	37.809	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	51923	41.639	ng/ul	0.00
60) Fluorene-d10	15.900	176	263181	38.308	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	57574	45.746	ng/ul	0.00
73) Anthracene-d10	17.756	188	435679	37.808	ng/ul	0.00
81) Pyrene-d10	20.030	212	557025	38.737	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.234	264	524716	41.242	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	11533	13.894	ng/uL#	86
5) Pyridine	4.051	79	85729	35.560	ng/ul	95
6) Benzaldehyde	7.400	77	70974	38.572	ng/ul	96
8) Phenol	7.435	94	108334	36.942	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.676	93	80964	36.189	ng/ul	98
12) 2-Chlorophenol	7.835	128	78186	37.159	ng/ul	99
13) 2-Methylphenol	8.710	108	81555	36.859	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.810	45	107919	35.561	ng/ul	94
16) Acetophenone	9.103	105	124836	34.861	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.092	70	75109	34.956	ng/ul	94
18) 4-Methylphenol	9.039	108	85800	36.791	ng/ul	96
19) Hexachloroethane	9.385	117	31032	33.801	ng/ul#	69
22) Nitrobenzene	9.491	77	109679	39.314	ng/ul#	97
23) Isophorone	10.026	82	206148	36.807	ng/ul	99
25) 2-Nitrophenol	10.214	139	46545	41.529	ng/ul	95
26) 2,4-Dimethylphenol	10.261	107	96735	35.823	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.501	93	108690	36.546	ng/ul	98
29) 2,4-Dichlorophenol	10.754	162	84409	39.016	ng/ul	97
30) Naphthalene	11.171	128	258802	36.719	ng/ul	97
32) 4-Chloroaniline	11.259	127	100231	32.788	ng/ul	99
33) Hexachlorobutadiene	11.459	225	68514	37.302	ng/ul	99
34) Caprolactam	12.011	113	30628m	46.761	ng/ul	
35) 4-Chloro-3-methylphenol	12.364	107	94414	38.948	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.757	142	188390	37.466	ng/ul	99
37) 1-Methylnaphthalene	12.975	142	192058	36.786	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.121	216	124727	37.428	ng/ul	97
40) Hexachlorocyclopentadiene	13.104	237	81337	33.616	ng/ul	99
41) 2,4,6-Trichlorophenol	13.351	196	82954	41.121	ng/ul	98
42) 2,4,5-Trichlorophenol	13.421	196	90254	42.689	ng/ul	97
43) 1,1'-Biphenyl	13.750	154	265638	36.197	ng/ul#	93
44) 2-Chloronaphthalene	13.797	162	210051	37.022	ng/ul	98
45) 2-Nitroaniline	13.985	65	76996	44.423	ng/ul	91
47) Dimethylphthalate	14.355	163	286122	38.434	ng/ul	99
48) 2,6-Dinitrotoluene	14.473	165	60637	42.607	ng/ul	90
50) Acenaphthylene	14.637	152	343589	36.874	ng/ul	97
51) 3-Nitroaniline	14.796	138	55381	40.696	ng/ul	97
52) Acenaphthene	14.978	153	227714	36.993	ng/ul	95
53) 2,4-Dinitrophenol	15.001	184	36716	44.629	ng/ul#	72
55) 4-Nitrophenol	15.089	109	55429	41.430	ng/ul	89
56) Dibenzofuran	15.313	168	336284	37.095	ng/ul	98
57) 2,4-Dinitrotoluene	15.254	165	90751	44.991	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.530	232	86463	43.032	ng/ul#	85
59) Diethylphthalate	15.712	149	293071	37.790	ng/ul	94
61) Fluorene	15.959	166	276835	37.061	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.941	204	159035	38.225	ng/ul	93
63) 4-Nitroaniline	15.959	138	60259	43.175	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.018	198	53933	43.635	ng/ul	97
67) N-Nitrosodiphenylamine	16.153	169	250155	38.501	ng/ul	98
68) 4-Bromophenyl-phenylether	16.840	248	111675	45.395	ng/ul#	86
69) Hexachlorobenzene	16.963	284	125403	40.565	ng/ul#	90
70) Atrazine	17.093	200	115466	39.604	ng/ul	98
71) Pentachlorophenol	17.304	266	81460	43.007	ng/ul	93
72) Phenanthrene	17.703	178	474027	38.152	ng/ul	98
74) Anthracene	17.792	178	460985	36.726	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.721	216	132841	35.746	ng/uL	98
76) Pentachlorobenzene	15.230	250	133599	37.606	ng/uL	96
77) Carbazole	18.056	167	437275	38.904	ng/ul	97
78) Di-n-butylphthalate	18.602	149	517304	38.243	ng/ul	100
80) Fluoranthene	19.701	202	633209	38.363	ng/ul#	89
82) Pyrene	20.059	202	608707	37.265	ng/ul#	88
83) Butylbenzylphthalate	20.934	149	221099	40.361	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.857	252	206239	36.626	ng/ul#	93
85) Benzo(a)anthracene	21.957	228	603084	38.797	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.851	149	312486	40.724	ng/ul#	96
87) Chrysene	22.027	228	576248	38.372	ng/ul	99
89) Di-n-octyl phthalate	23.167	149	524350	40.261	ng/ul	100
90) Benzo(b)fluoranthene	24.359	252	647151	39.957	ng/ul#	96
91) Benzo(k)fluoranthene	24.436	252	595770	39.280	ng/ul#	95
93) Benzo(a)pyrene	25.317	252	601844	39.374	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.505	276	697198	41.779	ng/ul#	89
95) Dibenzo(a,h)anthracene	29.582	278	581134	40.773	ng/ul#	91
96) Benzo(g,h,i)perylene	30.768	276	580020	41.015	ng/ul#	87

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

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