Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051747.D
Acq On : 22 Dec 2021 12:30
Operator : CG/JU
Sample : PB141472BS
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Dec 22 17:00:23 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS472

Manual IntegrationsAPPROVED

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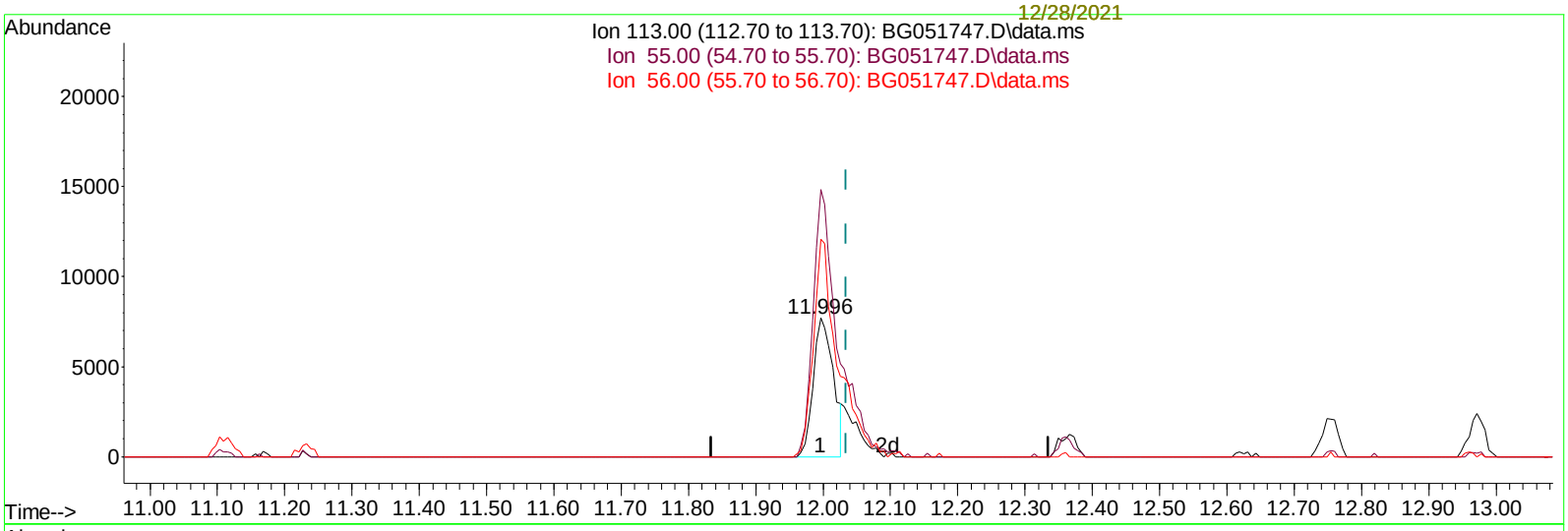
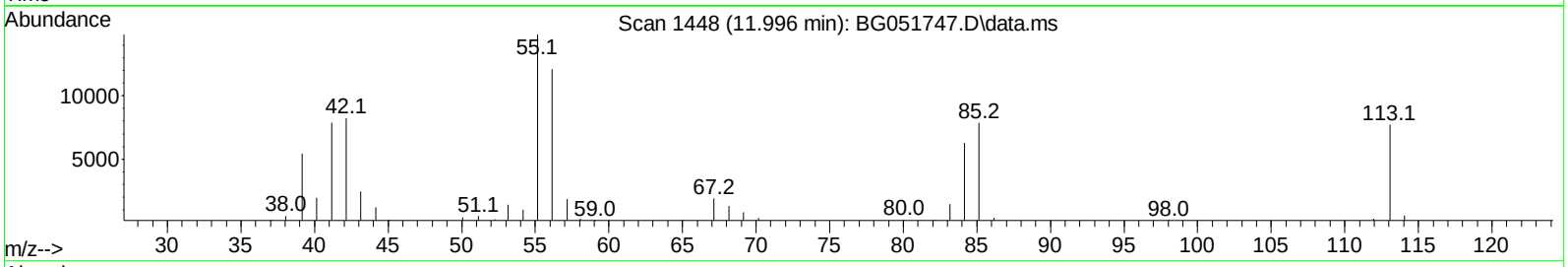
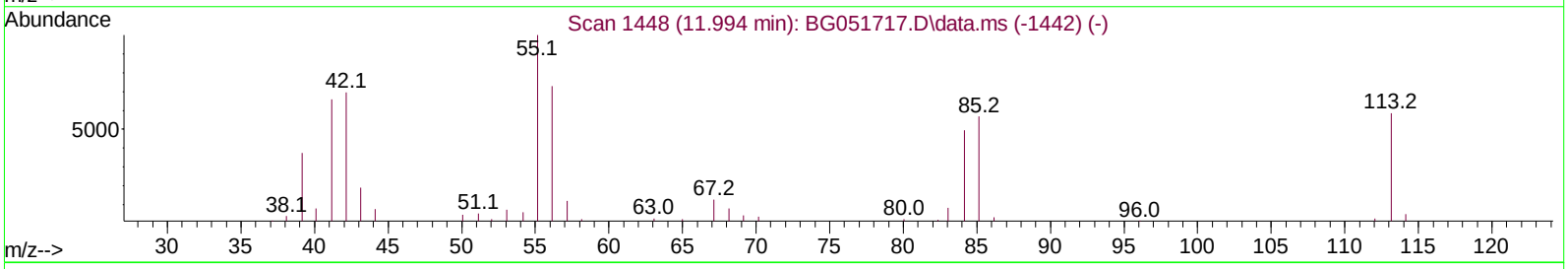
12/23/2021
Supervised By :mohammad ahmed
12/28/2021







TIC: BG051747.D\data.ms

(34) Caprolactam

11.996min (-0.038) 20.33 ng/ul

response 15893

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.47
56.00	136.50	157.01
0.00	0.00	0.00

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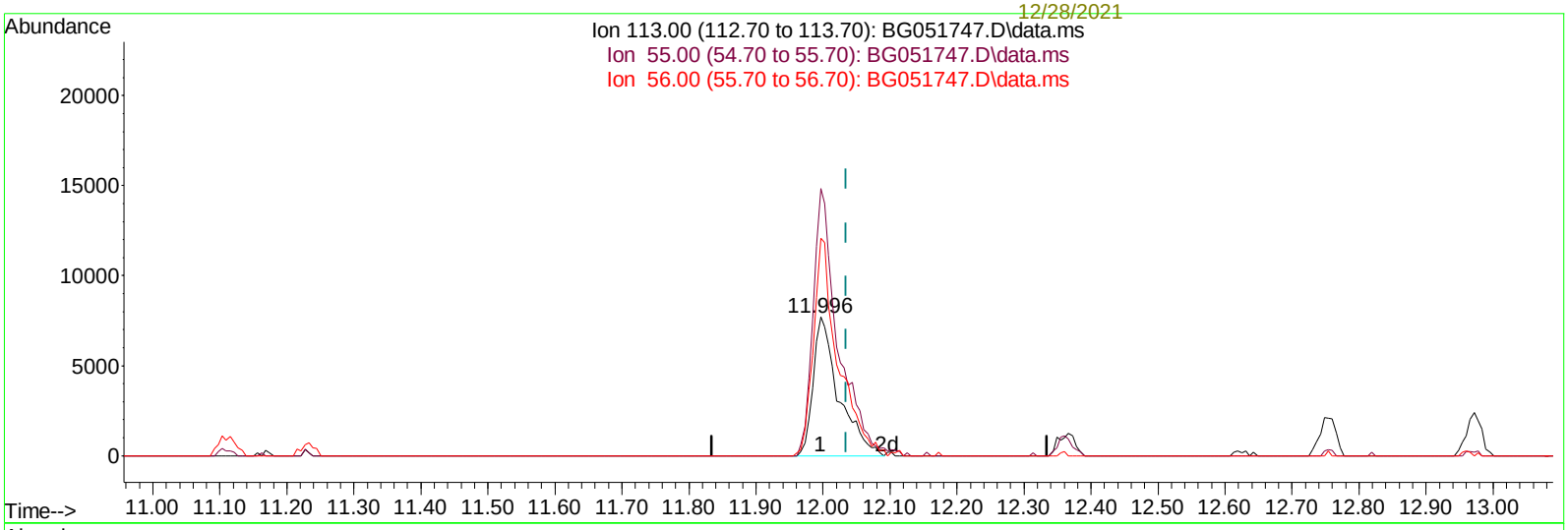

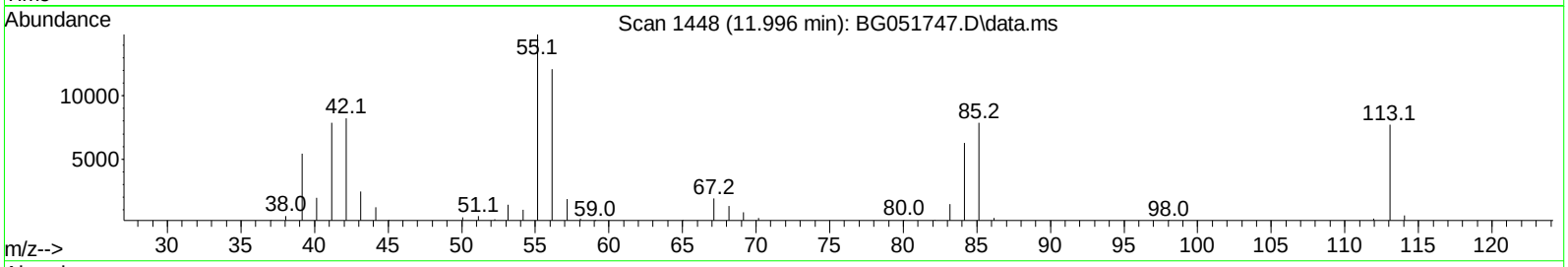

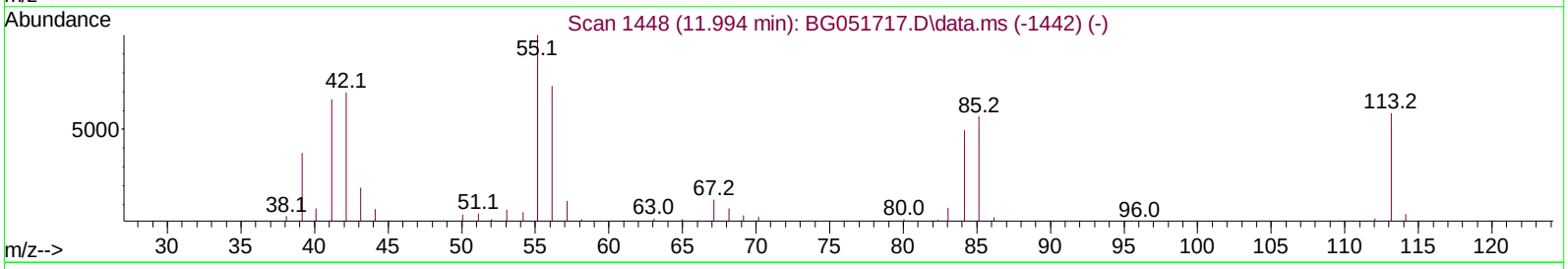

TIC: BG051747.D\data.ms

(34) Caprolactam

11.996min (-0.038) 26.10 ng/ul m

response 20406

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	192.47
56.00	136.50	157.01
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	8.272	152	36905	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.109	136	156140	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.910	164	108308	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.659	188	257159	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.983	240	246375	20.000	ng/ul	# 0.00
88) Perylene-d12	25.478	264	249428	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	4199	4.725	ng/uL	0.00
4) Pyridine-d5	4.025	84	54642	20.351	ng/ul	-0.02
7) Phenol-d5	7.409	99	73536	22.317	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	44522	22.728	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.802	132	51294	22.382	ng/ul	0.00
15) 4-Methylphenol-d8	8.971	113	56633	22.235	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	25800	22.538	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.175	143	29848	23.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	59676	21.990	ng/ul	0.00
31) 4-Chloroaniline-d4	11.233	131	68720	19.233	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	201001	23.186	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	241368	22.419	ng/ul	0.00
54) 4-Nitrophenol-d4	15.075	143	31134	22.085	ng/ul	0.00
60) Fluorene-d10	15.897	176	176746	22.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.003	200	33923	25.319	ng/ul	0.00
73) Anthracene-d10	17.753	188	289623	23.609	ng/ul	0.00
81) Pyrene-d10	20.033	212	364068	24.553	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.231	264	339408	25.862	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.637	88	7548	8.139	ng/uL#	81
5) Pyridine	4.048	79	57342	21.288	ng/ul	98
6) Benzaldehyde	7.397	77	52306	25.442	ng/ul	97
8) Phenol	7.432	94	73953	22.571	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.673	93	53941	21.579	ng/ul	94
12) 2-Chlorophenol	7.831	128	50965	21.679	ng/ul	94
13) 2-Methylphenol	8.707	108	52914	21.404	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.795	45	72836	21.481	ng/ul#	94
16) Acetophenone	9.094	105	84444	21.106	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.077	70	49712	20.707	ng/ul	99
18) 4-Methylphenol	9.036	108	56941	21.854	ng/ul	92
19) Hexachloroethane	9.382	117	20247	19.739	ng/ul#	78
22) Nitrobenzene	9.482	77	72591	21.801	ng/ul	92
23) Isophorone	10.011	82	138207	20.675	ng/ul	97
25) 2-Nitrophenol	10.205	139	30705	22.954	ng/ul#	94
26) 2,4-Dimethylphenol	10.258	107	64794	20.104	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.493	93	70661	19.907	ng/ul	100
29) 2,4-Dichlorophenol	10.745	162	54067	20.939	ng/ul	96
30) Naphthalene	11.162	128	167360	19.895	ng/ul#	96
32) 4-Chloroaniline	11.256	127	75335	20.648	ng/ul	98
33) Hexachlorobutadiene	11.450	225	41431	18.900	ng/ul	93
34) Caprolactam	11.996	113	20406m	26.103	ng/ul	
35) 4-Chloro-3-methylphenol	12.361	107	65255	22.555	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.754	142	123444	20.569	ng/ul	98
37) 1-Methylnaphthalene	12.972	142	126905	20.366	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.118	216	78454	20.825	ng/ul	96
40) Hexachlorocyclopentadiene	13.101	237	38993	14.255	ng/ul	100
41) 2,4,6-Trichlorophenol	13.348	196	51446	22.558	ng/ul	96
42) 2,4,5-Trichlorophenol	13.418	196	58486	24.470	ng/ul	92
43) 1,1'-Biphenyl	13.747	154	177010	21.336	ng/ul#	96
44) 2-Chloronaphthalene	13.794	162	139371	21.729	ng/ul	97
45) 2-Nitroaniline	13.982	65	52570	26.829	ng/ul	95
47) Dimethylphthalate	14.346	163	189818	22.554	ng/ul	99
48) 2,6-Dinitrotoluene	14.470	165	41931	26.062	ng/ul	91
50) Acenaphthylene	14.634	152	227678	21.614	ng/ul	97
51) 3-Nitroaniline	14.793	138	40163	26.106	ng/ul	97
52) Acenaphthene	14.975	153	149280	21.451	ng/ul	96
53) 2,4-Dinitrophenol	14.998	184	18210	19.580	ng/ul#	77
55) 4-Nitrophenol	15.092	109	33429	22.102	ng/ul	86
56) Dibenzofuran	15.304	168	222720	21.732	ng/ul	99
57) 2,4-Dinitrotoluene	15.251	165	59521	26.102	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.527	232	51679	22.751	ng/ul#	86
59) Diethylphthalate	15.703	149	196381	22.399	ng/ul	97
61) Fluorene	15.956	166	186172	22.047	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.938	204	102456	21.783	ng/ul	95
63) 4-Nitroaniline	15.956	138	41951	26.588	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	16.015	198	32132	24.420	ng/ul	95
67) N-Nitrosodiphenylamine	16.150	169	165293	23.897	ng/ul	98
68) 4-Bromophenyl-phenylether	16.837	248	71407	27.266	ng/ul#	87
69) Hexachlorobenzene	16.966	284	79259	24.084	ng/ul#	89
70) Atrazine	17.090	200	70391	22.679	ng/ul	98
71) Pentachlorophenol	17.301	266	40423	20.047	ng/ul	98
72) Phenanthrene	17.700	178	310720	23.492	ng/ul	98
74) Anthracene	17.789	178	306993	22.975	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.718	216	87313	22.070	ng/uL	97
76) Pentachlorobenzene	15.227	250	87439	23.120	ng/uL	97
77) Carbazole	18.053	167	286419	23.937	ng/ul	97
78) Di-n-butylphthalate	18.599	149	341301	23.702	ng/ul	100
80) Fluoranthene	19.698	202	411341	24.167	ng/ul#	90
82) Pyrene	20.062	202	394518	23.422	ng/ul#	89
83) Butylbenzylphthalate	20.931	149	145128	25.692	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.860	252	143029	24.633	ng/ul#	96
85) Benzo(a)anthracene	21.959	228	398498	24.861	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.842	149	205417	25.961	ng/ul#	97
87) Chrysene	22.030	228	378764	24.459	ng/ul	98
89) Di-n-octyl phthalate	23.158	149	351970	26.199	ng/ul	100
90) Benzo(b)fluoranthene	24.362	252	422850	25.310	ng/ul#	94
91) Benzo(k)fluoranthene	24.433	252	384277	24.561	ng/ul#	95
93) Benzo(a)pyrene	25.320	252	384618	24.393	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.508	276	418846	24.332	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.584	278	354905	24.139	ng/ul#	94
96) Benzo(g,h,i)perylene	30.771	276	344753	23.633	ng/ul#	89

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

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