Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122221\
Data File : BG051765.D
Acq On : 23 Dec 2021 00:42
Operator : CG/JU
Sample : PB141620BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 23 01:54:51 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

Instrument :
BNA_G
ClientSampleId :
SLCS620

Manual IntegrationsAPPROVED

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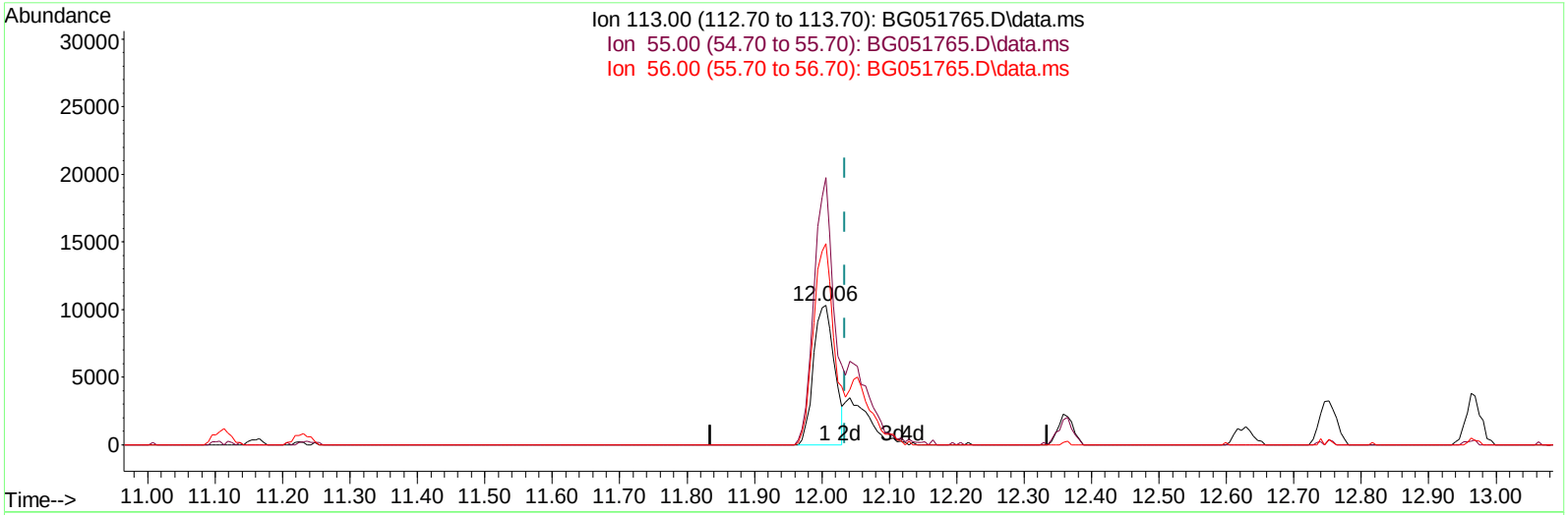
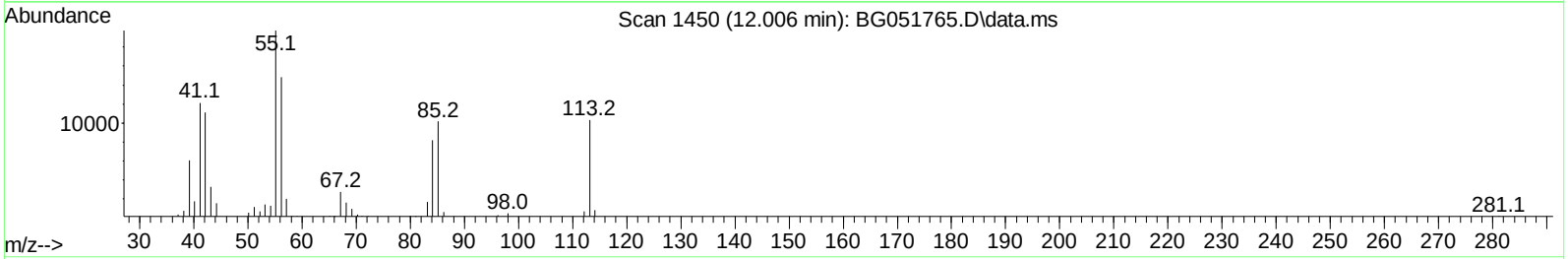
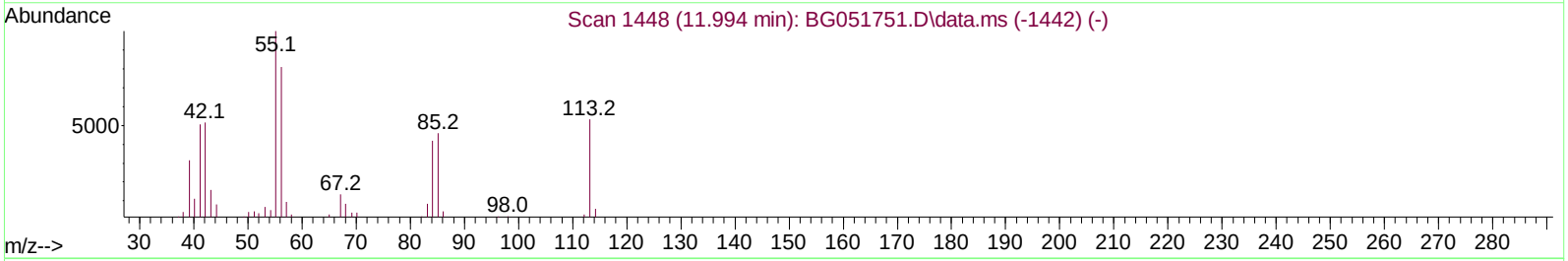
Supervised By :mohammad ahmed 12/23/2021







TIC: BG051765.D\data.ms

(34) Caprolactam

12.006min (-0.029) 31.93 ng/ul

response 22303

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	191.47
56.00	136.50	144.05
0.00	0.00	0.00

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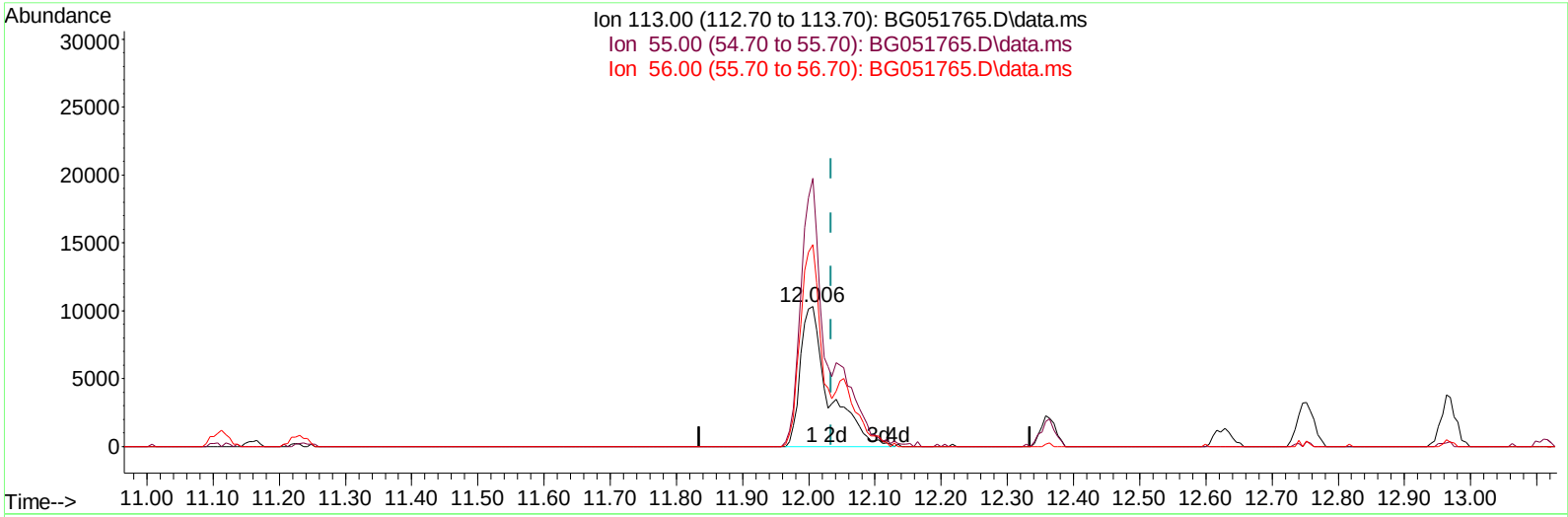

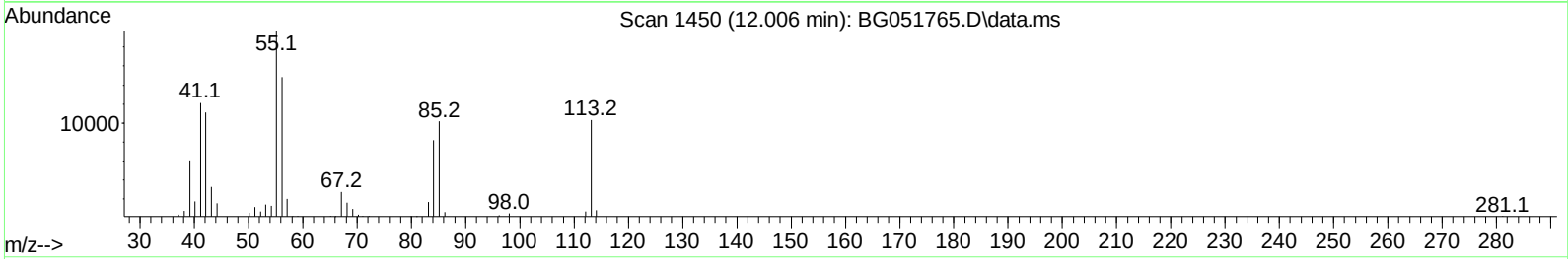

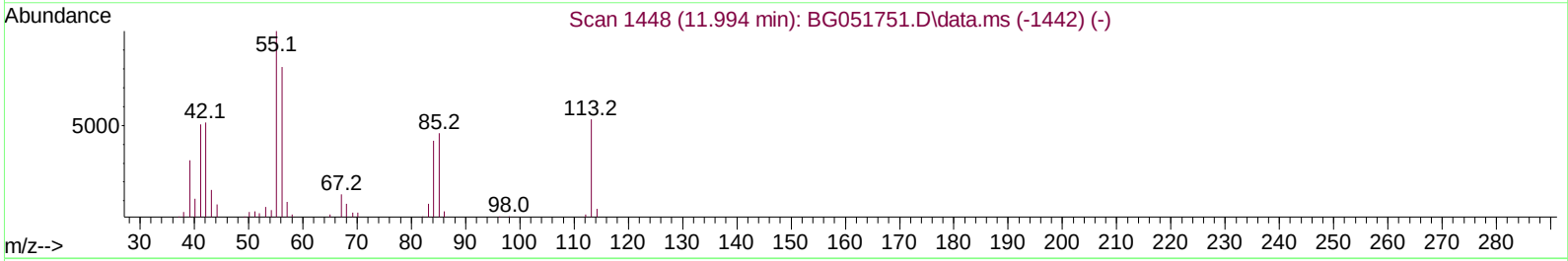

TIC: BG051765.D\data.ms

(34) Caprolactam

12.006min (-0.029) 44.39 ng/ul m

response 31007

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	191.47
56.00	136.50	144.05
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	8.270	152	33604	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.113	136	139514	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.908	164	99042	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	247029	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.981	240	236403	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	235745	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.594	96	5775	7.137	ng/uL	-0.01
4) Pyridine-d5	4.022	84	77601	31.742	ng/ul	-0.02
7) Phenol-d5	7.406	99	118310	39.431	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	69127	38.756	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	80987	38.810	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	89239	38.478	ng/ul	-0.01
21) Nitrobenzene-d5	9.439	128	41388	40.463	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	46528	41.611	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	94394	38.929	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	85429	26.759	ng/ul	-0.01
46) Dimethylphthalate-d6	14.297	166	294753	37.182	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	369313	37.512	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.078	143	47957	37.201	ng/ul	0.00
60) Fluorene-d10	15.895	176	262569	36.970	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	51792	40.241	ng/ul	-0.01
73) Anthracene-d10	17.757	188	422738	35.874	ng/ul	0.00
81) Pyrene-d10	20.030	212	523167	36.770	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	493494	39.785	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	11949	14.150	ng/uL#	89
5) Pyridine	4.040	79	87367	35.622	ng/ul	98
6) Benzaldehyde	7.394	77	70271	37.538	ng/ul	95
8) Phenol	7.430	94	112630	37.752	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.670	93	79456	34.909	ng/ul	97
12) 2-Chlorophenol	7.829	128	78790	36.808	ng/ul	98
13) 2-Methylphenol	8.704	108	82601	36.695	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.792	45	110159	35.681	ng/ul	97
16) Acetophenone	9.098	105	129707	35.604	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.080	70	77416	35.415	ng/ul	98
18) 4-Methylphenol	9.033	108	87538	36.897	ng/ul	100
19) Hexachloroethane	9.380	117	30831	33.010	ng/ul#	74
22) Nitrobenzene	9.486	77	112003	37.647	ng/ul#	94
23) Isophorone	10.008	82	209978	35.155	ng/ul	99
25) 2-Nitrophenol	10.202	139	47782	39.977	ng/ul	96
26) 2,4-Dimethylphenol	10.255	107	98463	34.192	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.490	93	107811	33.993	ng/ul	97
29) 2,4-Dichlorophenol	10.743	162	84389	36.577	ng/ul	96
30) Naphthalene	11.160	128	258405	34.379	ng/ul	97
32) 4-Chloroaniline	11.254	127	103515	31.753	ng/ul	100
33) Hexachlorobutadiene	11.448	225	62932	32.129	ng/ul	95
34) Caprolactam	12.006	113	31007m	44.391	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	96313	37.257	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	187659	34.996	ng/ul	100
37) 1-Methylnaphthalene	12.969	142	190835	34.275	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.116	216	119833	34.784	ng/ul	96
40) Hexachlorocyclopentadiene	13.098	237	61944	24.764	ng/ul	94
41) 2,4,6-Trichlorophenol	13.345	196	76040	36.462	ng/ul	98
42) 2,4,5-Trichlorophenol	13.416	196	84983	38.882	ng/ul	99
43) 1,1'-Biphenyl	13.739	154	264260	34.832	ng/ul#	96
44) 2-Chloronaphthalene	13.792	162	208201	35.497	ng/ul	99
45) 2-Nitroaniline	13.980	65	76673	42.791	ng/ul	92
47) Dimethylphthalate	14.344	163	275532	35.801	ng/ul	100
48) 2,6-Dinitrotoluene	14.467	165	60578	41.174	ng/ul	92
50) Acenaphthylene	14.632	152	335340	34.813	ng/ul	97
51) 3-Nitroaniline	14.796	138	56854	40.413	ng/ul	99
52) Acenaphthene	14.972	153	222083	34.899	ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	29364	34.526	ng/ul#	78
55) 4-Nitrophenol	15.096	109	50958	36.843	ng/ul#	81
56) Dibenzofuran	15.301	168	330313	35.245	ng/ul	98
57) 2,4-Dinitrotoluene	15.248	165	87607	42.013	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.525	232	75806	36.495	ng/ul#	89
59) Diethylphthalate	15.707	149	279880	34.910	ng/ul	97
61) Fluorene	15.953	166	270164	34.986	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.936	204	152127	35.370	ng/ul	90
63) 4-Nitroaniline	15.953	138	56231	38.972	ng/ul	91
66) 4,6-Dinitro-2-methylph...	16.018	198	46105	36.476	ng/ul#	94
67) N-Nitrosodiphenylamine	16.147	169	239365	36.025	ng/ul	96
68) 4-Bromophenyl-phenylether	16.835	248	104915	41.703	ng/ul#	83
69) Hexachlorobenzene	16.964	284	115543	36.549	ng/ul#	90
70) Atrazine	17.087	200	91240	30.602	ng/ul	98
71) Pentachlorophenol	17.305	266	59071	30.497	ng/ul	92
72) Phenanthrene	17.698	178	450815	35.481	ng/ul	98
74) Anthracene	17.792	178	438116	34.132	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	128834	33.900	ng/uL	99
76) Pentachlorobenzene	15.225	250	127578	35.116	ng/uL	98
77) Carbazole	18.051	167	403825	35.133	ng/ul	98
78) Di-n-butylphthalate	18.597	149	485383	35.090	ng/ul	100
80) Fluoranthene	19.695	202	578986	35.452	ng/ul#	90
82) Pyrene	20.060	202	552800	34.203	ng/ul#	90
83) Butylbenzylphthalate	20.929	149	208833	38.529	ng/ul#	98
84) 3,3'-Dichlorobenzidine	21.857	252	196188	35.213	ng/ul#	97
85) Benzo(a)anthracene	21.957	228	564171	36.681	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.840	149	297779	39.222	ng/ul#	98
87) Chrysene	22.028	228	526075	35.405	ng/ul	97
89) Di-n-octyl phthalate	23.150	149	504411	39.725	ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	585911	37.105	ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	538349	36.406	ng/ul#	96
93) Benzo(a)pyrene	25.317	252	544368	36.528	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	29.506	276	585620	35.994	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.582	278	490353	35.287	ng/ul#	93
96) Benzo(g,h,i)perylene	30.769	276	475429	34.483	ng/ul#	88

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

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