Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
Data File : BG060473.D
Acq On : 29 Jan 2024 22:22
Operator : MA/JU
Sample : PB158611BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 30 01:49:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS611

Manual IntegrationsAPPROVED

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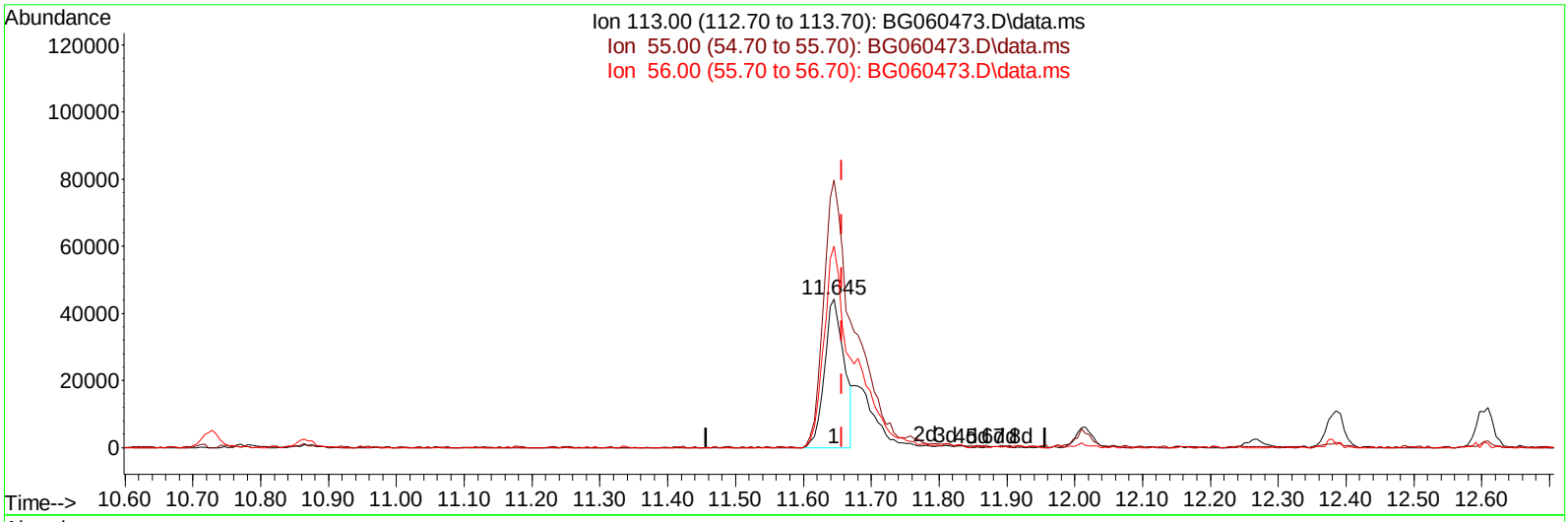
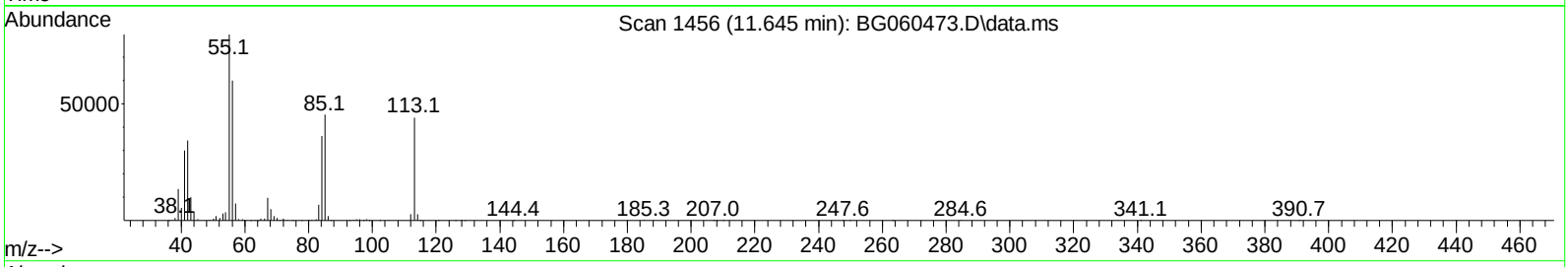
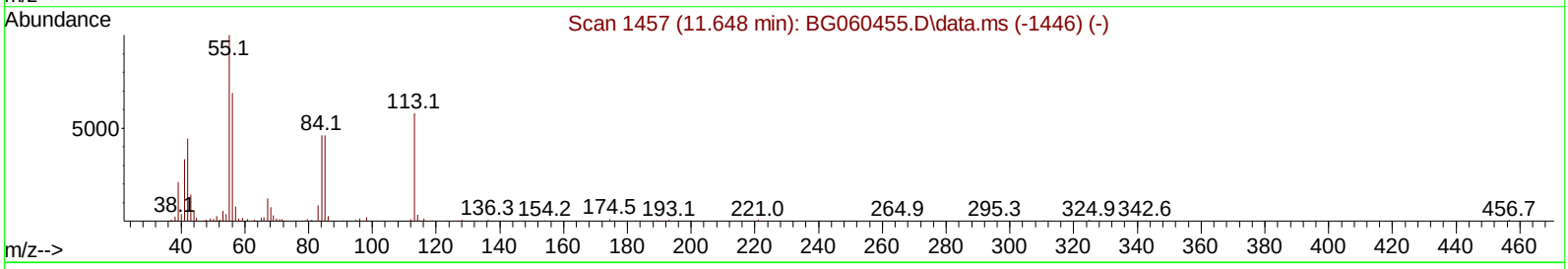
Supervised By :mohammad ahmed 01/31/2024







TIC: BG060473.D\data.ms

(34) Caprolactam

11.645min (-0.011) 18.40 ng/ul

response 88705

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	180.29
56.00	125.70	135.95
0.00	0.00	0.00

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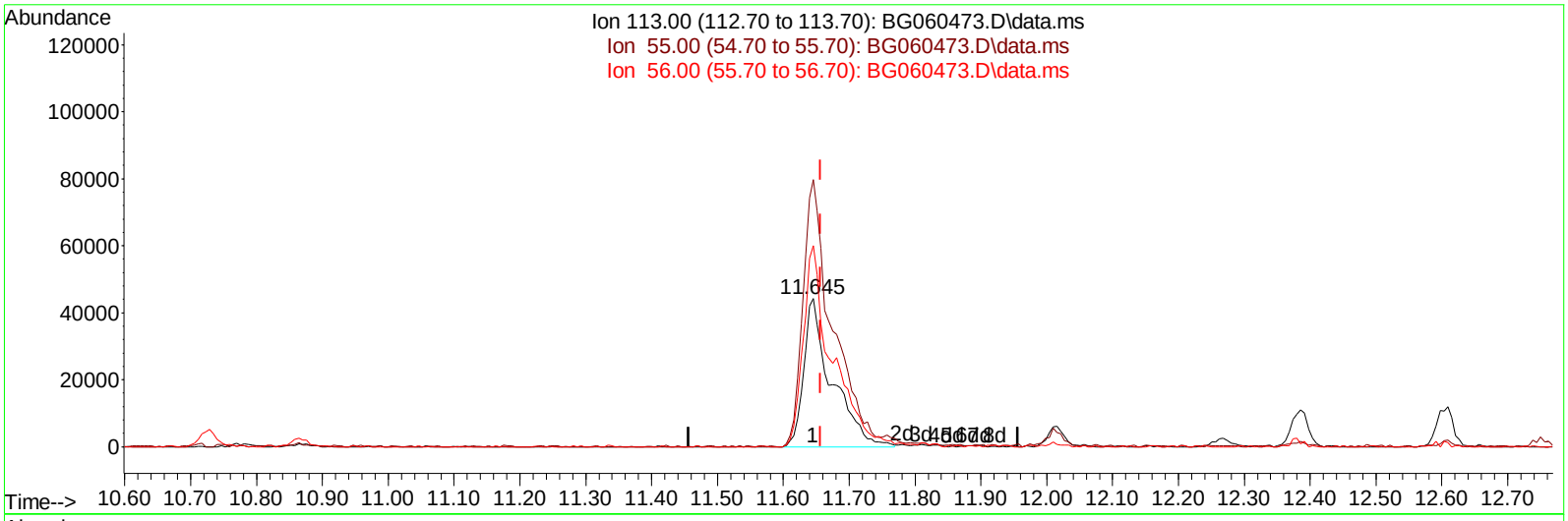

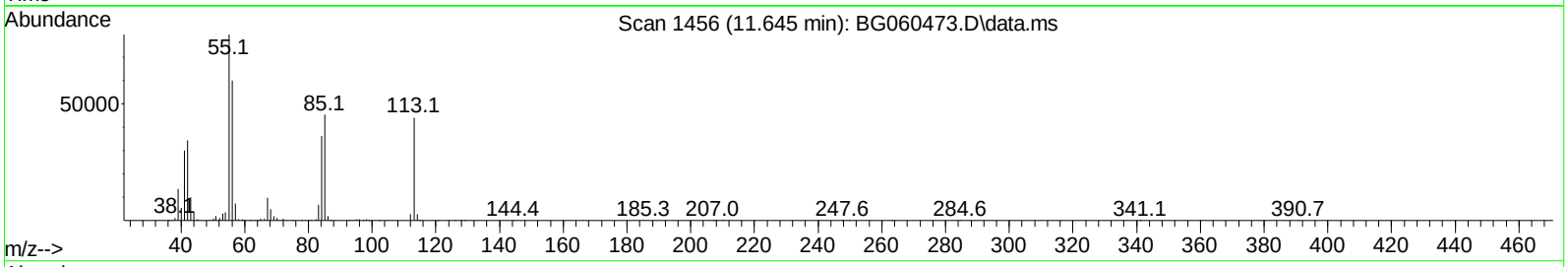

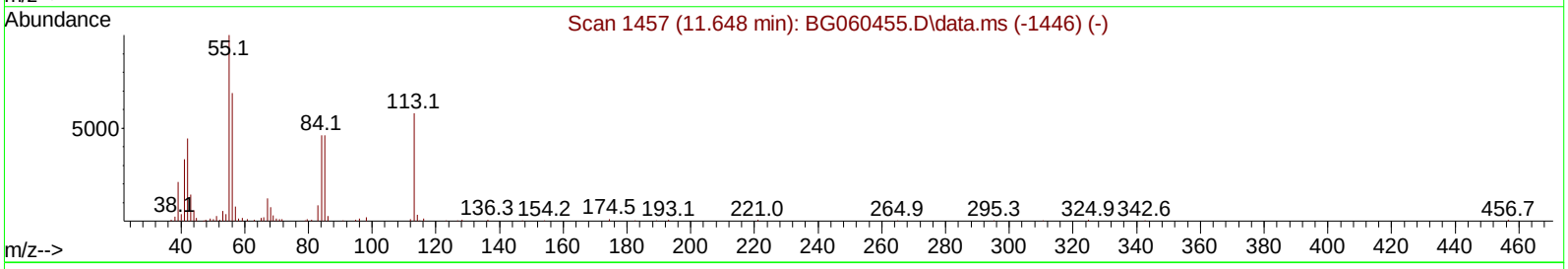

TIC: BG060473.D\data.ms

(34) Caprolactam

11.645min (-0.011) 27.16 ng/ul m

response 130922

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	180.29
56.00	125.70	135.95
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	7.926	152	196877	20.000	ng/ul	0.00
20) Naphthalene-d8	10.729	136	840369	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	682939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	1703089	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	1490739	20.000	ng/ul	0.00
88) Perylene-d12	24.736	264	1612830	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	20096	5.115	ng/uL	0.00
4) Pyridine-d5	3.772	84	325100	26.158	ng/ul	0.00
7) Phenol-d5	7.092	99	454320	24.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	265977	22.637	ng/ul	0.00
11) 2-Chlorophenol-d4	7.456	132	302932	24.261	ng/ul	0.00
15) 4-Methylphenol-d8	8.631	113	352152	22.864	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	156051	25.173	ng/ul	0.00
24) 2-Nitrophenol-d4	9.806	143	186357	25.730	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.347	165	404178	26.833	ng/ul	0.00
31) 4-Chloroaniline-d4	10.864	131	445509	22.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.966	166	1320875	23.636	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	1548213	24.698	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	194187	24.261	ng/ul	0.00
60) Fluorene-d10	15.553	176	1228559	25.090	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.676	200	255677	24.244	ng/ul	0.00
73) Anthracene-d10	17.409	188	1983708	24.571	ng/ul	0.00
81) Pyrene-d10	19.701	212	2240963	25.082	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.519	264	2182098	25.791	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	46791	10.764	ng/uL	96
5) Pyridine	3.790	79	339735	26.887	ng/ul	96
6) Benzaldehyde	7.063	77	224841	31.635	ng/ul	94
8) Phenol	7.115	94	473802	24.242	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.345	93	362227	23.268	ng/ul	98
12) 2-Chlorophenol	7.491	128	322726	25.056	ng/ul	96
13) 2-Methylphenol	8.367	108	359501	23.802	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.449	45	486589	23.684	ng/ul	98
16) Acetophenone	8.743	105	578445	23.567	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.731	70	309460	23.381	ng/ul	96
18) 4-Methylphenol	8.696	108	390316	24.034	ng/ul	97
19) Hexachloroethane	9.001	117	129835	22.800	ng/ul	94
22) Nitrobenzene	9.131	77	432545	25.507	ng/ul	96
23) Isophorone	9.648	82	904611	24.605	ng/ul	99
25) 2-Nitrophenol	9.842	139	199081	27.040	ng/ul	98
26) 2,4-Dimethylphenol	9.895	107	326359	21.481	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.130	93	533993	25.514	ng/ul	99
29) 2,4-Dichlorophenol	10.376	162	393088	27.149	ng/ul	94
30) Naphthalene	10.776	128	1132459	24.974	ng/ul	97
32) 4-Chloroaniline	10.887	127	388551	20.042	ng/ul	98
33) Hexachlorobutadiene	11.058	225	302007	25.120	ng/ul	98
34) Caprolactam	11.645	113	130922m	27.162	ng/ul	
35) 4-Chloro-3-methylphenol	12.016	107	422495	29.105	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.386	142	880493	27.622	ng/ul	98
37) 1-Methylnaphthalene	12.603	142	882489	27.391	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.750	216	636753	25.618	ng/ul	97
40) Hexachlorocyclopentadiene	12.732	237	300940	20.023	ng/ul	99
41) 2,4,6-Trichlorophenol	12.997	196	393109	25.945	ng/ul	97
42) 2,4,5-Trichlorophenol	13.067	196	406710	25.403	ng/ul	93
43) 1,1'-Biphenyl	13.396	154	1295322	25.604	ng/ul	99
44) 2-Chloronaphthalene	13.437	162	1091733	25.559	ng/ul	98
45) 2-Nitroaniline	13.643	65	282815	26.306	ng/ul	95
47) Dimethylphthalate	14.013	163	1373479	24.622	ng/ul	99
48) 2,6-Dinitrotoluene	14.137	165	277416	26.370	ng/ul	99
50) Acenaphthylene	14.283	152	1738567	25.139	ng/ul	98
51) 3-Nitroaniline	14.471	138	241046	27.258	ng/ul	98
52) Acenaphthene	14.624	153	1153415	25.003	ng/ul	99
53) 2,4-Dinitrophenol	14.677	184	126231	21.984	ng/ul	97
55) 4-Nitrophenol	14.783	109	138637	25.440	ng/ul	91
56) Dibenzofuran	14.959	168	1645792	25.271	ng/ul	97
57) 2,4-Dinitrotoluene	14.924	165	415489	26.952	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.188	232	390770	26.263	ng/ul#	97
59) Diethylphthalate	15.376	149	1329261	24.783	ng/ul	100
61) Fluorene	15.611	166	1341456	25.107	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.600	204	754997	25.600	ng/ul	97
63) 4-Nitroaniline	15.635	138	267180	30.840	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.688	198	268998	24.386	ng/ul#	92
67) N-Nitrosodiphenylamine	15.817	169	1178816	25.519	ng/ul	98
68) 4-Bromophenyl-phenylether	16.499	248	492623	24.898	ng/ul	97
69) Hexachlorobenzene	16.616	284	580272	25.283	ng/ul	99
70) Atrazine	16.763	200	391103	20.595	ng/ul	99
71) Pentachlorophenol	16.963	266	284555	22.511	ng/ul	95
72) Phenanthrene	17.350	178	2314653	25.850	ng/ul	99
74) Anthracene	17.444	178	2272431	24.905	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.361	216	651036	26.358	ng/uL	97
76) Pentachlorobenzene	14.883	250	653745	25.196	ng/uL	98
77) Carbazole	17.715	167	2044926	27.135	ng/ul	98
78) Di-n-butylphthalate	18.267	149	2305883	25.955	ng/ul	100
80) Fluoranthene	19.366	202	2535098	25.426	ng/ul	98
82) Pyrene	19.730	202	2603396	25.089	ng/ul	99
83) Butylbenzylphthalate	20.617	149	931940	25.197	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.475	252	924412	26.878	ng/ul	99
85) Benzo(a)anthracene	21.551	228	2661632	25.893	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1382216	25.037	ng/ul	100
87) Chrysene	21.622	228	2540470	26.310	ng/ul	99
89) Di-n-octyl phthalate	22.644	149	2355446	27.367	ng/ul	100
90) Benzo(b)fluoranthene	23.731	252	2635366	26.332	ng/ul	100
91) Benzo(k)fluoranthene	23.796	252	2748553	26.893	ng/ul	99
93) Benzo(a)pyrene	24.589	252	2565099	26.642	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.338	276	3093200	26.208	ng/ul	99
95) Dibenzo(a,h)anthracene	28.396	278	2540476	26.383	ng/ul	99
96) Benzo(g,h,i)perylene	29.466	276	2488944	26.046	ng/ul	99

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

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