Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064856.D
Acq On : 25 Nov 2025 11:10
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 12:01:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020454

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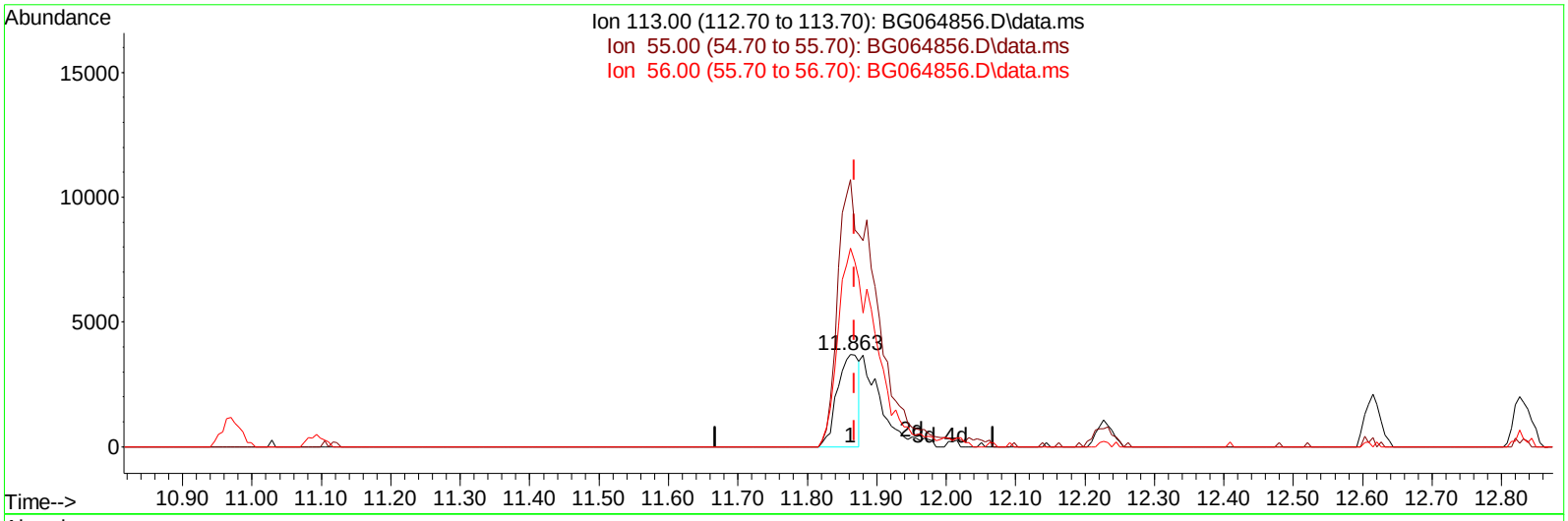
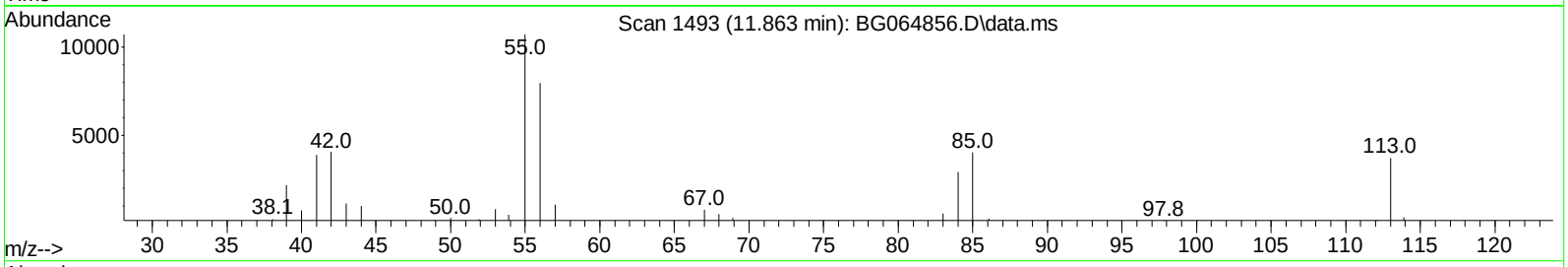
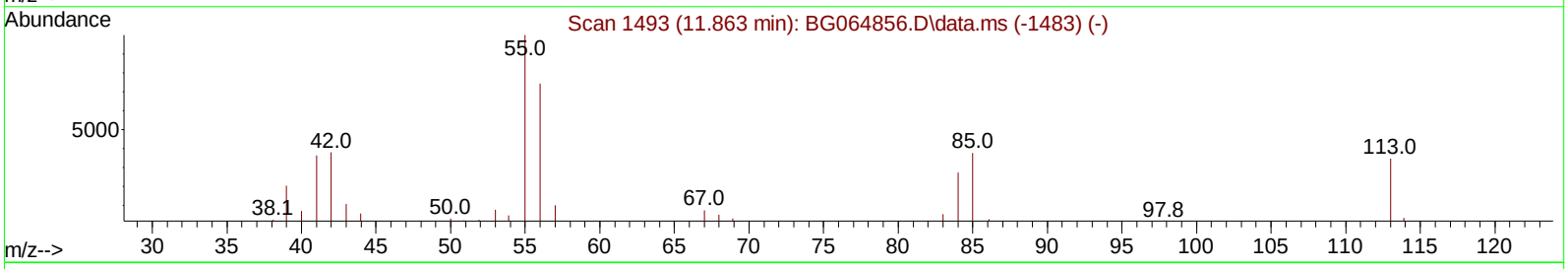
mohammad
12/3/2025 1:12:48 AM







TIC: BG064856.D\data.ms

(34) Caprolactam

11.863min (-0.005) 9.55 ng/ul

response 8046

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	288.98#
56.00	159.40	214.94#
0.00	0.00	0.00

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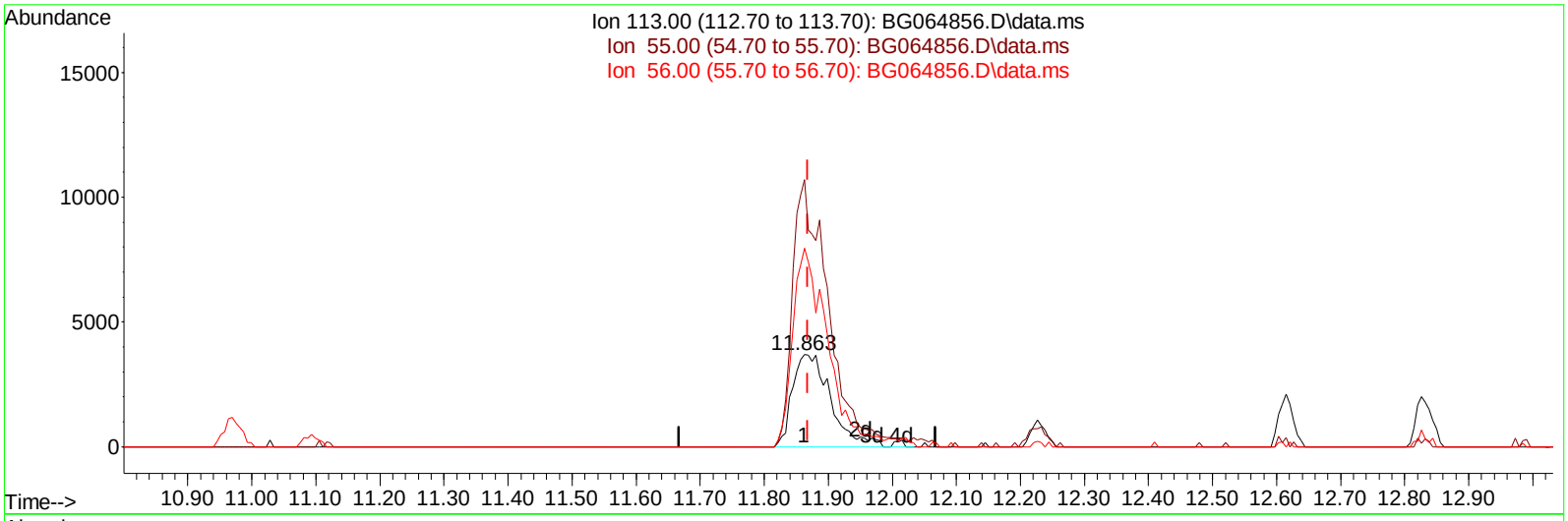

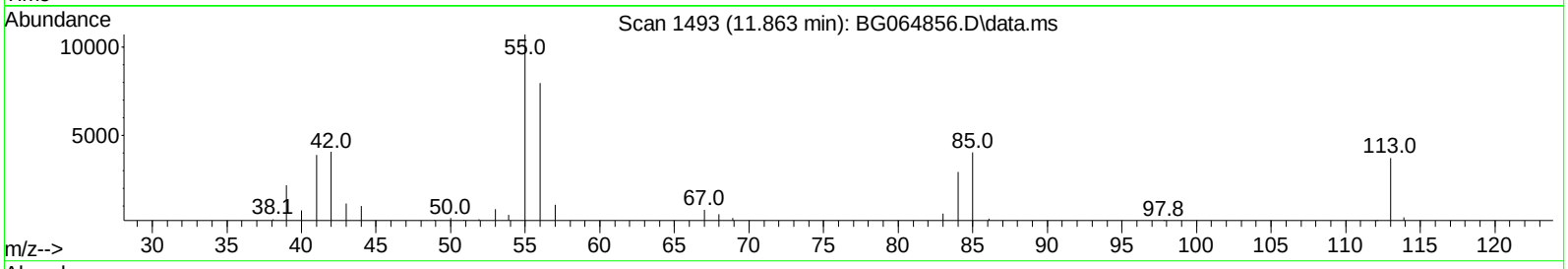

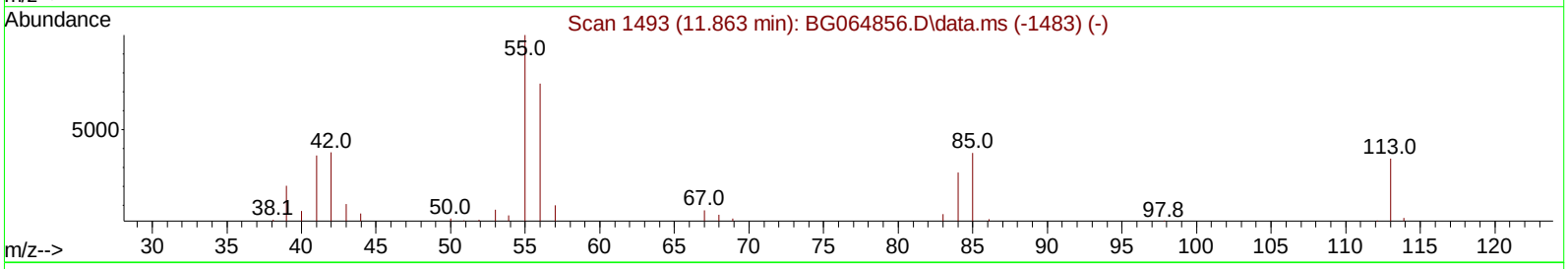

TIC: BG064856.D\data.ms

(34) Caprolactam

11.863min (-0.005) 18.52 ng/ul m

response 15606

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	288.98#
56.00	159.40	214.94#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	33635	20.000	ng/ul	0.00
20) Naphthalene-d8	10.969	136	139965	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.765	164	118841	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.497	188	296436	20.000	ng/ul	0.00
79) Chrysene-d12	21.739	240	372851	20.000	ng/ul	0.00
88) Perylene-d12	24.994	264	407786	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	5832	6.873	ng/uL	0.00
4) Pyridine-d5	3.907	84	41945	17.939	ng/ul	0.00
7) Phenol-d5	7.297	99	53217	19.627	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.468	67	36005	20.763	ng/ul	0.00
11) 2-Chlorophenol-d4	7.679	132	43144	20.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.848	113	46361	19.839	ng/ul	0.00
21) Nitrobenzene-d5	9.318	128	21200	20.082	ng/ul	0.00
24) 2-Nitrophenol-d4	10.041	143	27490	21.924	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.582	165	53816	20.817	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	65504	19.823	ng/ul	0.00
46) Dimethylphthalate-d6	14.160	166	195894	20.955	ng/ul	0.00
49) Acenaphthylene-d8	14.465	160	204775	20.454	ng/ul	0.00
54) 4-Nitrophenol-d4	14.935	143	25476	17.976	ng/ul	0.00
60) Fluorene-d10	15.752	176	169281	20.171	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.852	200	34709	18.288	ng/ul	0.00
73) Anthracene-d10	17.591	188	306983	20.495	ng/ul	0.00
81) Pyrene-d10	19.865	212	393970	20.571	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.771	264	441302	20.512	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.513	88	6945	7.075	ng/uL	91
5) Pyridine	3.931	79	46944	18.337	ng/ul	94
6) Benzaldehyde	7.280	77	34716	26.068	ng/ul#	83
8) Phenol	7.327	94	54639	19.304	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.562	93	42353	20.234	ng/ul	98
12) 2-Chlorophenol	7.714	128	44563	20.470	ng/ul	96
13) 2-Methylphenol	8.590	108	45211	20.178	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.678	45	90662	20.630	ng/ul	99
16) Acetophenone	8.978	105	77458	20.151	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.954	70	38800	21.042	ng/ul#	98
18) 4-Methylphenol	8.913	108	48784	19.845	ng/ul	84
19) Hexachloroethane	9.254	117	19863	20.444	ng/ul	95
22) Nitrobenzene	9.360	77	54198	19.988	ng/ul	98
23) Isophorone	9.882	82	115052	21.660	ng/ul	99
25) 2-Nitrophenol	10.076	139	26560	20.148	ng/ul#	95
26) 2,4-Dimethylphenol	10.123	107	60505	21.309	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.358	93	62413	20.952	ng/ul#	94
29) 2,4-Dichlorophenol	10.611	162	50760	21.052	ng/ul	96
30) Naphthalene	11.022	128	162976	20.262	ng/ul	97
32) 4-Chloroaniline	11.116	127	66049	19.638	ng/ul	96
33) Hexachlorobutadiene	11.310	225	52250	20.660	ng/ul	93
34) Caprolactam	11.863	113	15606m	18.523	ng/ul	
35) 4-Chloro-3-methylphenol	12.227	107	52199	19.880	ng/ul	94

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.615	142	122374	20.302 ng/ul	98
37) 1-Methylnaphthalene	12.832	142	123271	20.894 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.979	216	95836	20.990 ng/ul	98
40) Hexachlorocyclopentadiene	12.961	237	60272	19.054 ng/ul	99
41) 2,4,6-Trichlorophenol	13.208	196	51888	20.558 ng/ul	99
42) 2,4,5-Trichlorophenol	13.278	196	55642	20.922 ng/ul	98
43) 1,1'-Biphenyl	13.608	154	173205	20.702 ng/ul	99
44) 2-Chloronaphthalene	13.655	162	135482	20.627 ng/ul	97
45) 2-Nitroaniline	13.843	65	40190	20.583 ng/ul	94
47) Dimethylphthalate	14.207	163	196197	20.566 ng/ul	99
48) 2,6-Dinitrotoluene	14.330	165	35886	20.501 ng/ul	94
50) Acenaphthylene	14.489	152	235082	20.524 ng/ul	99
51) 3-Nitroaniline	14.653	138	31269	20.596 ng/ul	98
52) Acenaphthene	14.830	153	155779	20.742 ng/ul	99
53) 2,4-Dinitrophenol	14.865	184	14705	14.285 ng/ul	96
55) 4-Nitrophenol	14.953	109	23175	17.690 ng/ul	97
56) Dibenzofuran	15.159	168	235424	20.537 ng/ul	93
57) 2,4-Dinitrotoluene	15.106	165	54986	20.647 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.382	232	60944	20.237 ng/ul#	98
59) Diethylphthalate	15.564	149	190939	20.380 ng/ul	99
61) Fluorene	15.805	166	184765	20.547 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.793	204	113663	20.728 ng/ul	99
63) 4-Nitroaniline	15.811	138	32859	21.020 ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.870	198	34873	18.907 ng/ul#	88
67) N-Nitrosodiphenylamine	15.999	169	164774	20.683 ng/ul	99
68) 4-Bromophenyl-phenylether	16.680	248	82416	20.854 ng/ul	99
69) Hexachlorobenzene	16.810	284	98334	20.510 ng/ul	97
70) Atrazine	16.939	200	76001	19.939 ng/ul	99
71) Pentachlorophenol	17.145	266	48530	18.229 ng/ul	96
72) Phenanthrene	17.538	178	335566	20.245 ng/ul	99
74) Anthracene	17.626	178	345336	20.770 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.578	216	94539	21.213 ng/ul	98
76) Pentachlorobenzene	15.082	250	106416	21.018 ng/ul	95
77) Carbazole	17.891	167	281810	20.784 ng/ul	99
78) Di-n-butylphthalate	18.437	149	322400	20.557 ng/ul	98
80) Fluoranthene	19.530	202	438825	20.455 ng/ul	99
82) Pyrene	19.888	202	454750	20.308 ng/ul	97
83) Butylbenzylphthalate	20.758	149	149148	20.169 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.633	252	178004	22.419 ng/ul	98
85) Benzo(a)anthracene	21.722	228	517065	20.685 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	220760	20.186 ng/ul	99
87) Chrysene	21.792	228	491035	20.295 ng/ul	100
89) Di-n-octyl phthalate	22.838	149	387672	20.862 ng/ul	100
90) Benzo(b)fluoranthene	23.960	252	520751	20.741 ng/ul	99
91) Benzo(k)fluoranthene	24.031	252	520118	20.245 ng/ul	97
93) Benzo(a)pyrene	24.841	252	492309	20.617 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.707	276	620353	20.221 ng/ul	98
95) Dibenzo(a,h)anthracene	28.772	278	517070	20.893 ng/ul	99
96) Benzo(g,h,i)perylene	29.877	276	502964	20.312 ng/ul	99

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

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