Quantitation Report (Qedit)

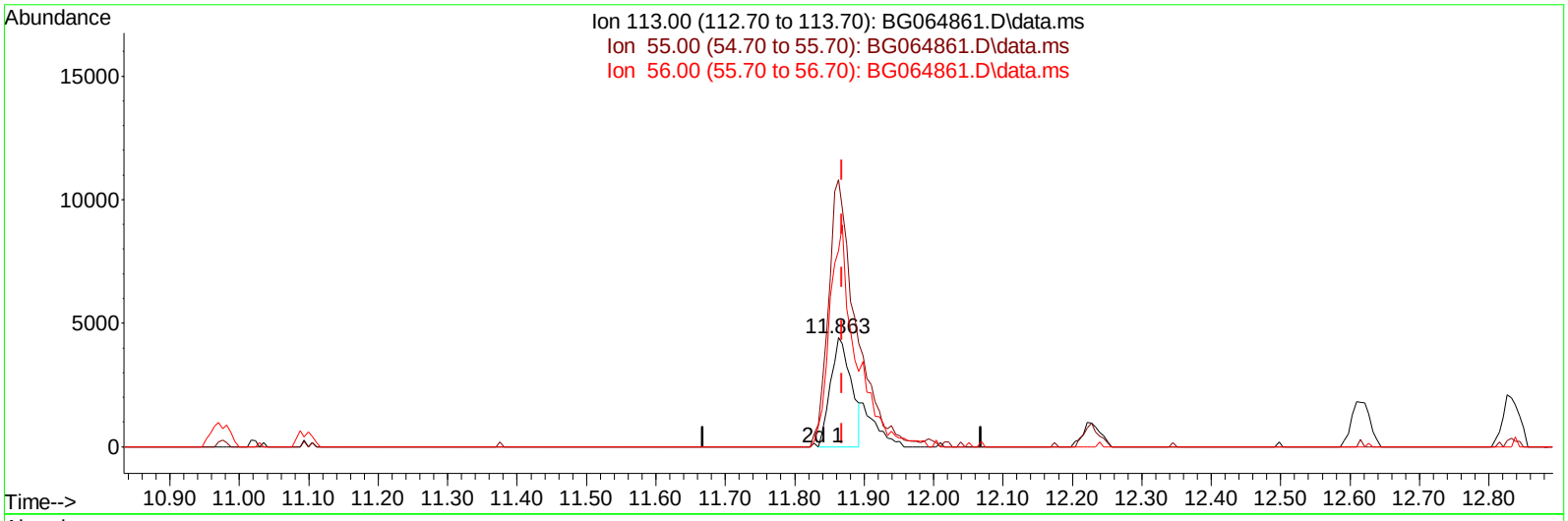
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064861.D
Acq On : 25 Nov 2025 15:14
Operator : RC/JU
Sample : Q3688-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

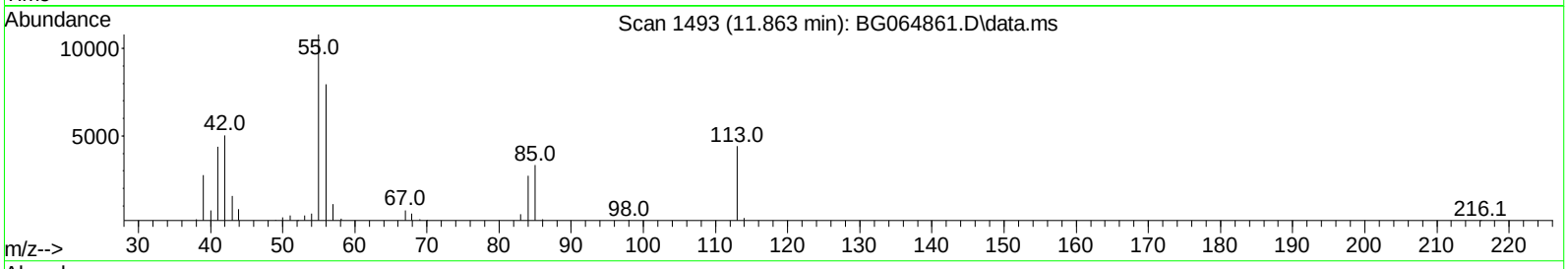
Quant Time: Nov 25 17:09:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
Response via : Initial Calibration

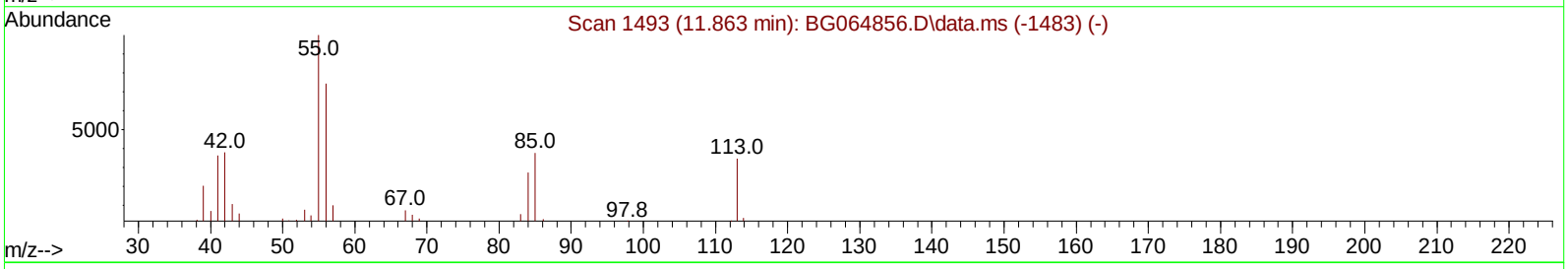
Instrument :
BNA_G
ClientSampleId :
M-31SMSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 12/03/2025







TIC: BG064861.D\data.ms

(34) Caprolactam

11.863min (-0.005) 14.35 ng/ul

response 9330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	245.07
56.00	159.40	180.13
0.00	0.00	0.00

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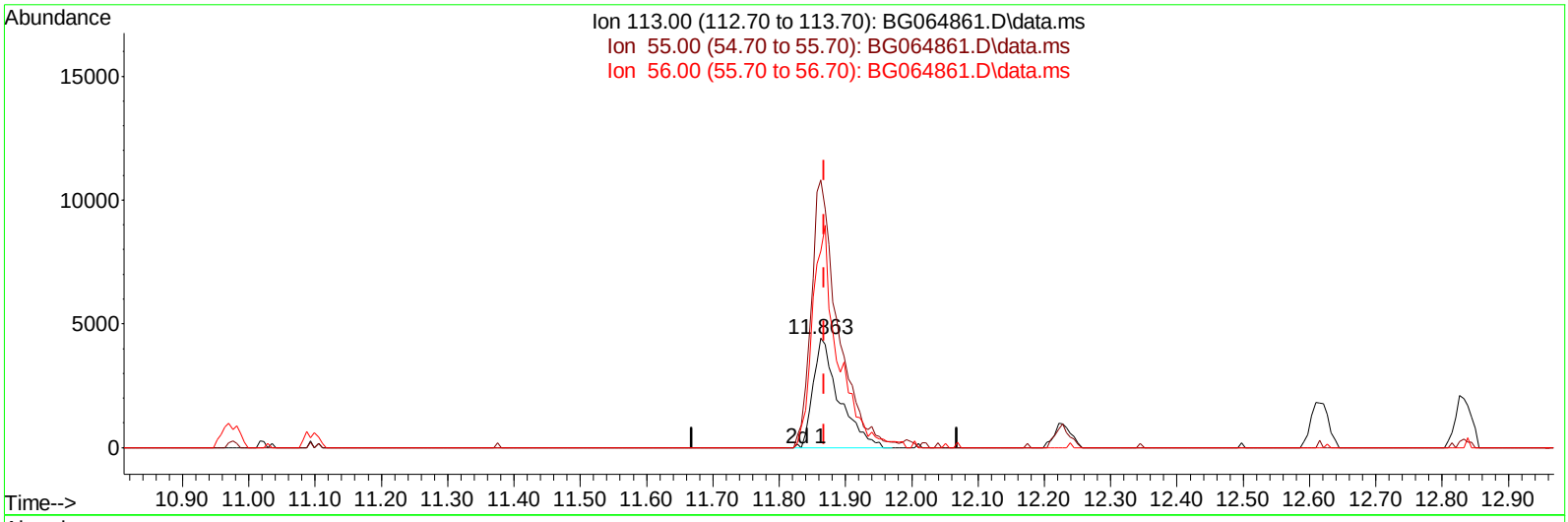

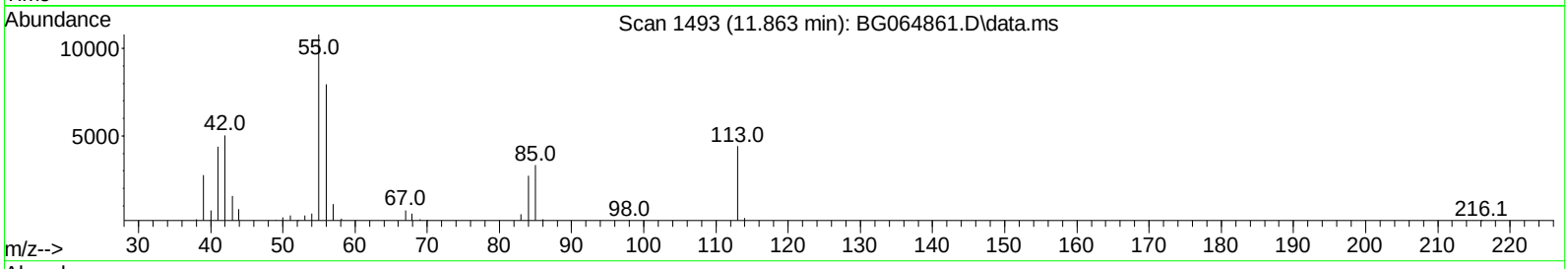

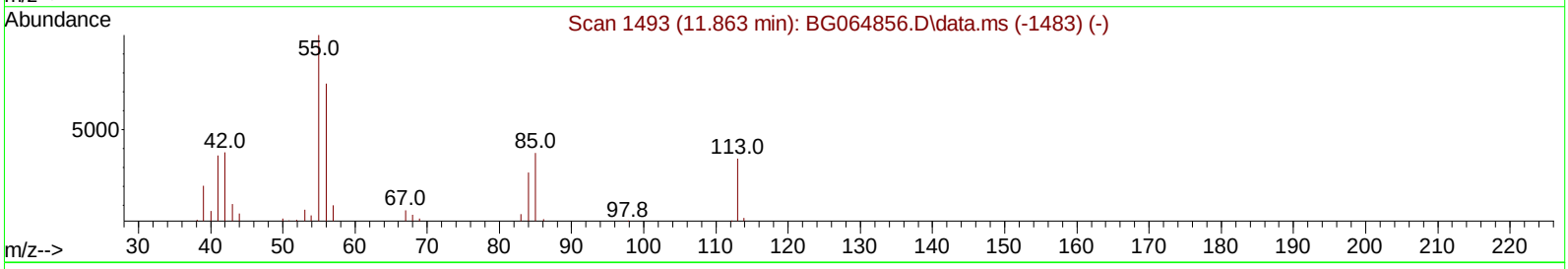

TIC: BG064861.D\data.ms

(34) Caprolactam

11.863min (-0.005) 18.49 ng/ul m

response 12026

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	245.07
56.00	159.40	180.13
0.00	0.00	0.00

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Acq On : 25 Nov 2025 15:14
Operator : RC/JU
Sample : Q3688-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 25 17:10:42 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 10:23:09 2025
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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.156	152	27494	20.000	ng/ul	0.00
20) Naphthalene-d8	10.976	136	108035	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.765	164	94243	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	243275	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.746	240	312755	20.000	ng/ul	# 0.00
88) Perylene-d12	24.995	264	345076	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.485	96	2480	3.575	ng/uL	0.00
4) Pyridine-d5	3.914	84	19802	10.361	ng/ul	0.00
7) Phenol-d5	7.298	99	20542	9.268	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.468	67	27475	19.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.686	132	34521	20.545	ng/ul	0.00
15) 4-Methylphenol-d8	8.855	113	30987	16.221	ng/ul	0.00
21) Nitrobenzene-d5	9.313	128	19421	23.834	ng/ul	0.00
24) 2-Nitrophenol-d4	10.047	143	25159	25.995	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.588	165	51633	25.875	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	58802	23.054	ng/ul	0.00
46) Dimethylphthalate-d6	14.166	166	236149	31.855	ng/ul	0.00
49) Acenaphthylene-d8	14.460	160	197233	24.843	ng/ul	0.00
54) 4-Nitrophenol-d4	14.936	143	15265	13.582	ng/ul	0.00
60) Fluorene-d10	15.753	176	197835	29.726	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.858	200	58035	37.261	ng/ul	0.00
73) Anthracene-d10	17.597	188	408258	33.212	ng/ul	0.00
81) Pyrene-d10	19.865	212	535796	33.352	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.777	264	611106	33.566	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.520	88	3154	3.931	ng/uL	97
5) Pyridine	3.931	79	21502	10.275	ng/ul	85
6) Benzaldehyde	7.280	77	14453	13.277	ng/ul	91
8) Phenol	7.327	94	22276	9.628	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.562	93	35107	20.518	ng/ul	96
12) 2-Chlorophenol	7.715	128	38462	21.613	ng/ul	95
13) 2-Methylphenol	8.590	108	33623	18.358	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.684	45	73048	20.335	ng/ul	99
16) Acetophenone	8.972	105	73719	23.462	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.961	70	34341	22.783	ng/ul#	94
18) 4-Methylphenol	8.914	108	33523	16.682	ng/ul	84
19) Hexachloroethane	9.254	117	12812	16.133	ng/ul	96
22) Nitrobenzene	9.360	77	52495	25.082	ng/ul	97
23) Isophorone	9.883	82	105285	25.679	ng/ul	98
25) 2-Nitrophenol	10.077	139	27007	26.543	ng/ul#	92
26) 2,4-Dimethylphenol	10.124	107	49935	22.784	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.365	93	56927	24.758	ng/ul#	97
29) 2,4-Dichlorophenol	10.612	162	51544	27.696	ng/ul	94
30) Naphthalene	11.023	128	138854	22.365	ng/ul	98
32) 4-Chloroaniline	11.123	127	35431	13.648	ng/ul	98
33) Hexachlorobutadiene	11.311	225	43418	22.241	ng/ul	98
34) Caprolactam	11.863	113	12026m	18.493	ng/ul	
35) 4-Chloro-3-methylphenol	12.227	107	57315	28.280	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.615	142	118477	25.465	ng/ul	97
37) 1-Methylnaphthalene	12.832	142	118939	26.118	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.979	216	101578	28.054	ng/ul	91
40) Hexachlorocyclopentadiene	12.962	237	49949	19.912	ng/ul	91
41) 2,4,6-Trichlorophenol	13.208	196	61843	30.897	ng/ul	93
42) 2,4,5-Trichlorophenol	13.285	196	71778	34.034	ng/ul	94
43) 1,1'-Biphenyl	13.608	154	177879	26.810	ng/ul	98
44) 2-Chloronaphthalene	13.655	162	138576	26.605	ng/ul	98
45) 2-Nitroaniline	13.843	65	49791	32.156	ng/ul	97
47) Dimethylphthalate	14.213	163	233165	30.821	ng/ul	99
48) 2,6-Dinitrotoluene	14.331	165	47095	33.926	ng/ul	98
50) Acenaphthylene	14.495	152	248795	27.391	ng/ul	98
51) 3-Nitroaniline	14.660	138	41805	34.722	ng/ul	93
52) Acenaphthene	14.830	153	164451	27.612	ng/ul	98
53) 2,4-Dinitrophenol	14.860	184	28686	35.140	ng/ul#	79
55) 4-Nitrophenol	14.948	109	15416	14.838	ng/ul#	87
56) Dibenzofuran	15.165	168	266499	29.315	ng/ul	99
57) 2,4-Dinitrotoluene	15.112	165	76049	36.009	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.382	232	84011	35.177	ng/ul	93
59) Diethylphthalate	15.565	149	238852	32.148	ng/ul	99
61) Fluorene	15.805	166	213989	30.009	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.794	204	138474	31.844	ng/ul	97
63) 4-Nitroaniline	15.811	138	46408	37.436	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.870	198	53585	35.400	ng/ul#	97
67) N-Nitrosodiphenylamine	16.005	169	205182	31.383	ng/ul	99
68) 4-Bromophenyl-phenylether	16.687	248	110810	34.166	ng/ul	96
69) Hexachlorobenzene	16.810	284	135853	34.527	ng/ul	96
70) Atrazine	16.939	200	97750	31.249	ng/ul	99
71) Pentachlorophenol	17.145	266	74006	33.872	ng/ul	95
72) Phenanthrene	17.539	178	433496	31.868	ng/ul	99
74) Anthracene	17.633	178	441890	32.385	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.579	216	107500	29.392	ng/ul	99
76) Pentachlorobenzene	15.083	250	128626	30.956	ng/ul	96
77) Carbazole	17.891	167	366701	32.955	ng/ul	99
78) Di-n-butylphthalate	18.444	149	413929	32.161	ng/ul#	99
80) Fluoranthene	19.530	202	581168	32.296	ng/ul#	95
82) Pyrene	19.895	202	596898	31.779	ng/ul#	96
83) Butylbenzylphthalate	20.758	149	189441	30.541	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.634	252	215763	32.396	ng/ul	99
85) Benzo(a)anthracene	21.728	228	693387	33.069	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.622	149	276933	30.188	ng/ul	98
87) Chrysene	21.793	228	661930	32.615	ng/ul	99
89) Di-n-octyl phthalate	22.844	149	476491	30.301	ng/ul	100
90) Benzo(b)fluoranthene	23.961	252	711785	33.501	ng/ul#	99
91) Benzo(k)fluoranthene	24.031	252	717080	32.984	ng/ul	98
93) Benzo(a)pyrene	24.848	252	670832	33.198	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.720	276	878560	33.843	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.778	278	725345	34.635	ng/ul#	98
96) Benzo(g,h,i)perylene	29.877	276	707507	33.764	ng/ul#	97

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

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