Quantitation Report (Qedit)

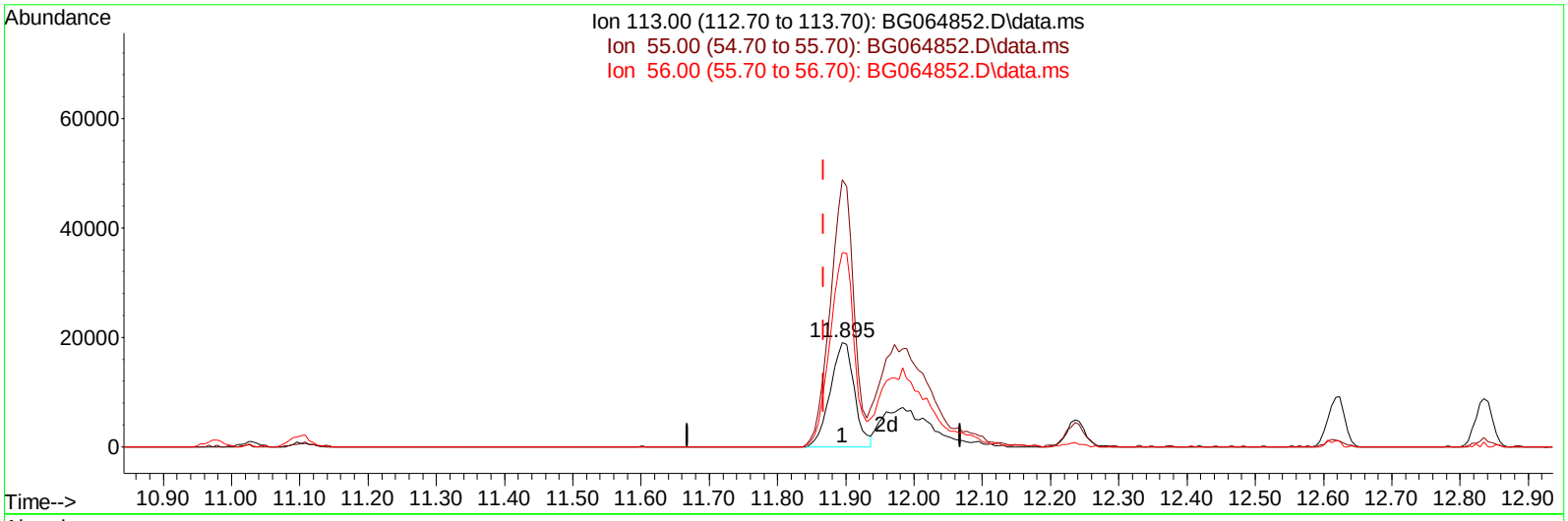
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112425\
Data File : BG064852.D
Acq On : 24 Nov 2025 16:46
Operator : RC/JU
Sample : SSTD08023
Misc :
ALS Vial : 6 Sample Multiplier: 1

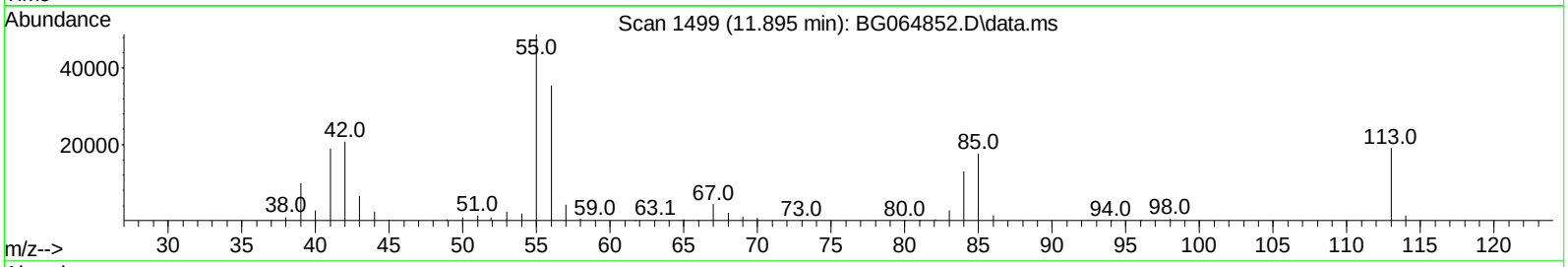
Quant Time: Nov 25 10:11:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 09:55:47 2025
Response via : Initial Calibration

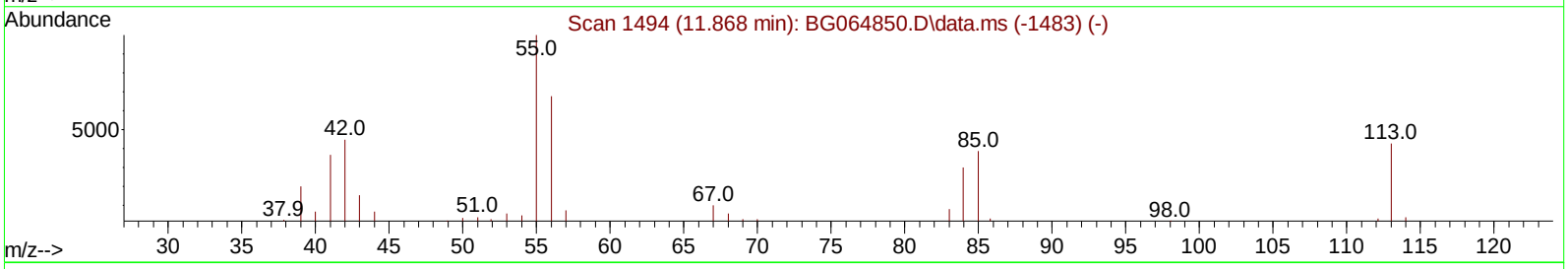
Instrument :
BNA_G
ClientSampleId :
SSTD080423

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025







TIC: BG064852.D\data.ms

(34) Caprolactam

11.895min (+ 0.027) 41.44 ng/ul

response 46845

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	255.72
56.00	159.40	185.74
0.00	0.00	0.00

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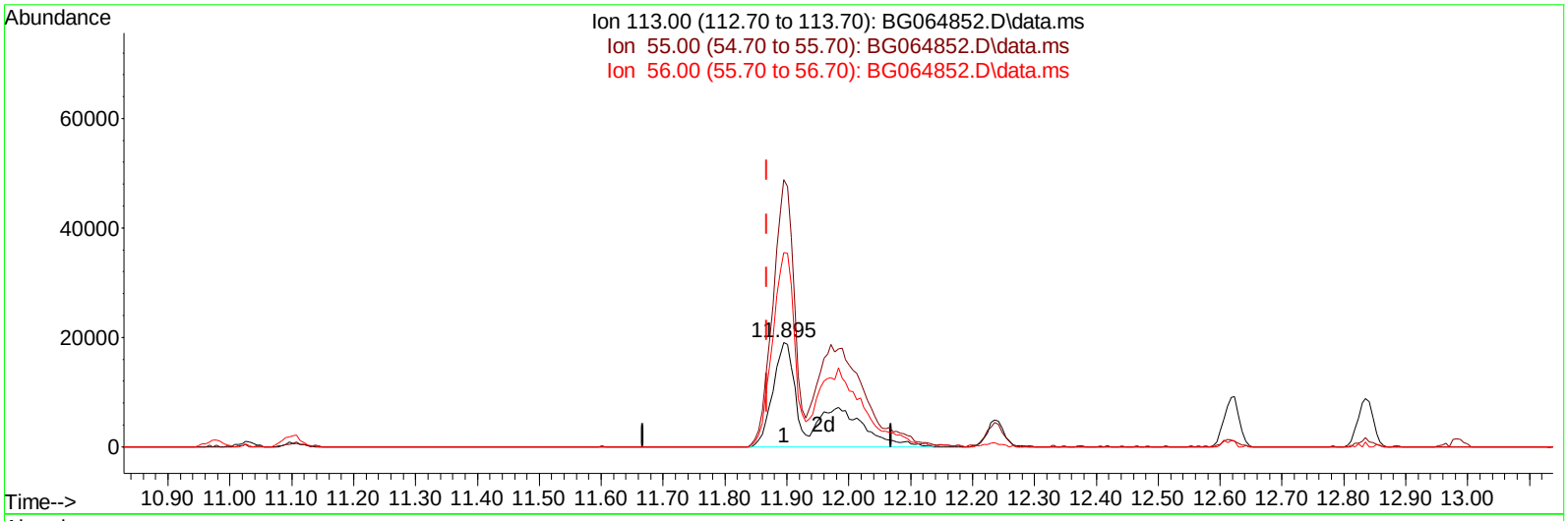

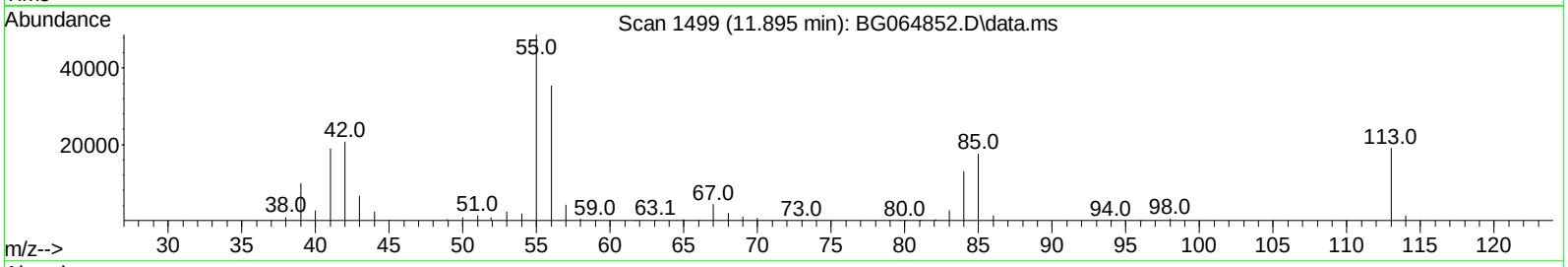

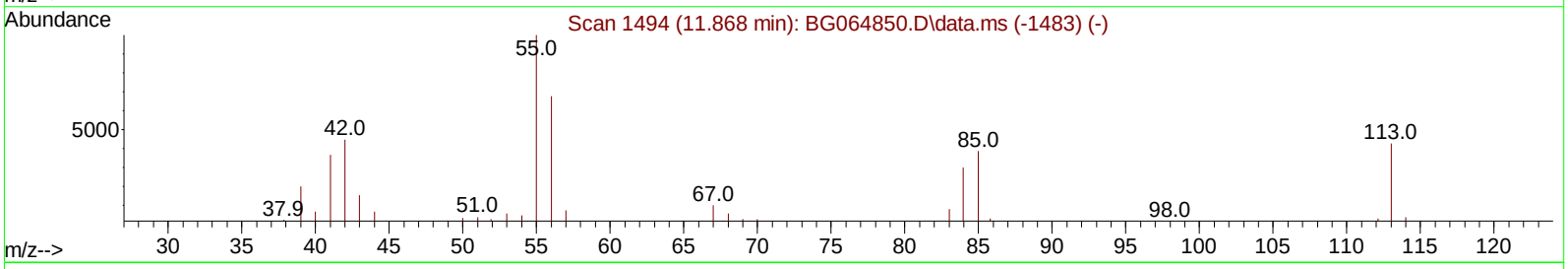

TIC: BG064852.D\data.ms

(34) Caprolactam

11.895min (+ 0.027) 73.74 ng/ul m

response 83358

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	234.90	255.72
56.00	159.40	185.74
0.00	0.00	0.00

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	41265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.979	136	174833	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.768	164	147429	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.500	188	354195	20.000	ng/ul	0.00
79) Chrysene-d12	21.748	240	424400	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	471941	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	34769	41.398	ng/uL	0.00
4) Pyridine-d5	3.910	84	254251	104.335	ng/ul	0.00
7) Phenol-d5	7.306	99	283930	83.868	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.471	67	178224	96.350	ng/ul	0.00
11) 2-Chlorophenol-d4	7.688	132	222102	83.369	ng/ul	0.00
15) 4-Methylphenol-d8	8.863	113	240767	78.987	ng/ul	0.00
21) Nitrobenzene-d5	9.328	128	115249	83.705	ng/ul	0.02
24) 2-Nitrophenol-d4	10.050	143	140390	83.930	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.591	165	279042	88.548	ng/ul	0.00
31) 4-Chloroaniline-d4	11.102	131	339805	80.319	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	904368	70.081	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	994632	78.368	ng/ul	0.00
54) 4-Nitrophenol-d4	14.956	143	149128	75.360	ng/ul	0.02
60) Fluorene-d10	15.755	176	807144	75.853	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.867	200	204803	84.053	ng/ul	0.02
73) Anthracene-d10	17.600	188	1394753	78.842	ng/ul	0.00
81) Pyrene-d10	19.868	212	1694922	71.846	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.792	264	2019002	82.544	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.523	88	37089	38.914	ng/uL	91
5) Pyridine	3.934	79	277626	108.865	ng/ul	99
6) Benzaldehyde	7.283	77	104861	65.301	ng/ul	96
8) Phenol	7.330	94	300002	86.283	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.565	93	215735	88.069	ng/ul	96
12) 2-Chlorophenol	7.718	128	229087	82.616	ng/ul	95
13) 2-Methylphenol	8.593	108	226993	79.474	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.681	45	432048	92.720	ng/ul	99
16) Acetophenone	8.987	105	387634	79.564	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.975	70	192144	83.295	ng/ul	99
18) 4-Methylphenol	8.928	108	250787	80.622	ng/ul	88
19) Hexachloroethane	9.257	117	94552	76.896	ng/ul	95
22) Nitrobenzene	9.369	77	288033	84.197	ng/ul	99
23) Isophorone	9.897	82	554641	84.073	ng/ul	99
25) 2-Nitrophenol	10.080	139	142346	89.248	ng/ul	97
26) 2,4-Dimethylphenol	10.132	107	299862	82.907	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.368	93	307705	89.895	ng/ul	99
29) 2,4-Dichlorophenol	10.620	162	265737	91.581	ng/ul	98
30) Naphthalene	11.026	128	784753	80.638	ng/ul	98
32) 4-Chloroaniline	11.125	127	341502	81.537	ng/ul	97
33) Hexachlorobutadiene	11.313	225	253672	94.311	ng/ul	97
34) Caprolactam	11.895	113	83358m	73.743	ng/ul	
35) 4-Chloro-3-methylphenol	12.236	107	281331	80.623	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.618	142	594840	80.874	ng/ul	98
37) 1-Methylnaphthalene	12.835	142	570240	78.149	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.982	216	457177	93.767	ng/ul	98
40) Hexachlorocyclopentadiene	12.964	237	333971	98.204	ng/ul	93
41) 2,4,6-Trichlorophenol	13.211	196	274049	89.931	ng/ul	92
42) 2,4,5-Trichlorophenol	13.288	196	299467	92.379	ng/ul	93
43) 1,1'-Biphenyl	13.611	154	815743	75.028	ng/ul	99
44) 2-Chloronaphthalene	13.658	162	646831	80.708	ng/ul	98
45) 2-Nitroaniline	13.852	65	216309	77.602	ng/ul	96
47) Dimethylphthalate	14.222	163	918465	75.115	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	184951	80.228	ng/ul	96
50) Acenaphthylene	14.498	152	1112394	80.417	ng/ul	97
51) 3-Nitroaniline	14.662	138	147384	74.519	ng/ul#	97
52) Acenaphthene	14.833	153	728178	78.212	ng/ul	99
53) 2,4-Dinitrophenol	14.868	184	129230	87.985	ng/ul	96
55) 4-Nitrophenol	14.968	109	140765	56.464	ng/ul	95
56) Dibenzofuran	15.168	168	1101565	79.166	ng/ul	98
57) 2,4-Dinitrotoluene	15.121	165	284608	77.092	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.385	232	316149	90.747	ng/ul	98
59) Diethylphthalate	15.573	149	886408	67.879	ng/ul	99
61) Fluorene	15.814	166	832526	71.988	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.796	204	521161	82.859	ng/ul	97
63) 4-Nitroaniline	15.826	138	143602	70.995	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.879	198	199572	81.276	ng/ul#	97
67) N-Nitrosodiphenylamine	16.008	169	760613	78.615	ng/ul	98
68) 4-Bromophenyl-phenylether	16.689	248	393727	92.600	ng/ul	97
69) Hexachlorobenzene	16.813	284	470506	96.561	ng/ul	99
70) Atrazine	16.948	200	362945	76.842	ng/ul	99
71) Pentachlorophenol	17.148	266	280440	92.782	ng/ul	97
72) Phenanthrene	17.541	178	1513223	77.792	ng/ul	98
74) Anthracene	17.635	178	1540031	77.904	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.581	216	455595	93.183	ng/ul	99
76) Pentachlorobenzene	15.091	250	504754	93.085	ng/ul	94
77) Carbazole	17.894	167	1271501	75.172	ng/ul	98
78) Di-n-butylphthalate	18.446	149	1462368	70.458	ng/ul	99
80) Fluoranthene	19.533	202	1880709	70.374	ng/ul	99
82) Pyrene	19.898	202	1937177	70.174	ng/ul	98
83) Butylbenzylphthalate	20.761	149	677699	64.911	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.637	252	683961	75.855	ng/ul	99
85) Benzo(a)anthracene	21.731	228	2228907	78.118	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.625	149	973976	64.558	ng/ul	97
87) Chrysene	21.801	228	2105133	77.589	ng/ul	97
89) Di-n-octyl phthalate	22.847	149	1696467	65.703	ng/ul	100
90) Benzo(b)fluoranthene	23.975	252	2311189	80.600	ng/ul	97
91) Benzo(k)fluoranthene	24.046	252	2336884	81.650	ng/ul	98
93) Benzo(a)pyrene	24.868	252	2217251	83.231	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.746	276	2922465	84.952	ng/ul	99
95) Dibenzo(a,h)anthracene	28.816	278	2387576	86.634	ng/ul	99
96) Benzo(g,h,i)perylene	29.921	276	2342026	84.049	ng/ul	96

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

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