Quantitation Report (Qedit)

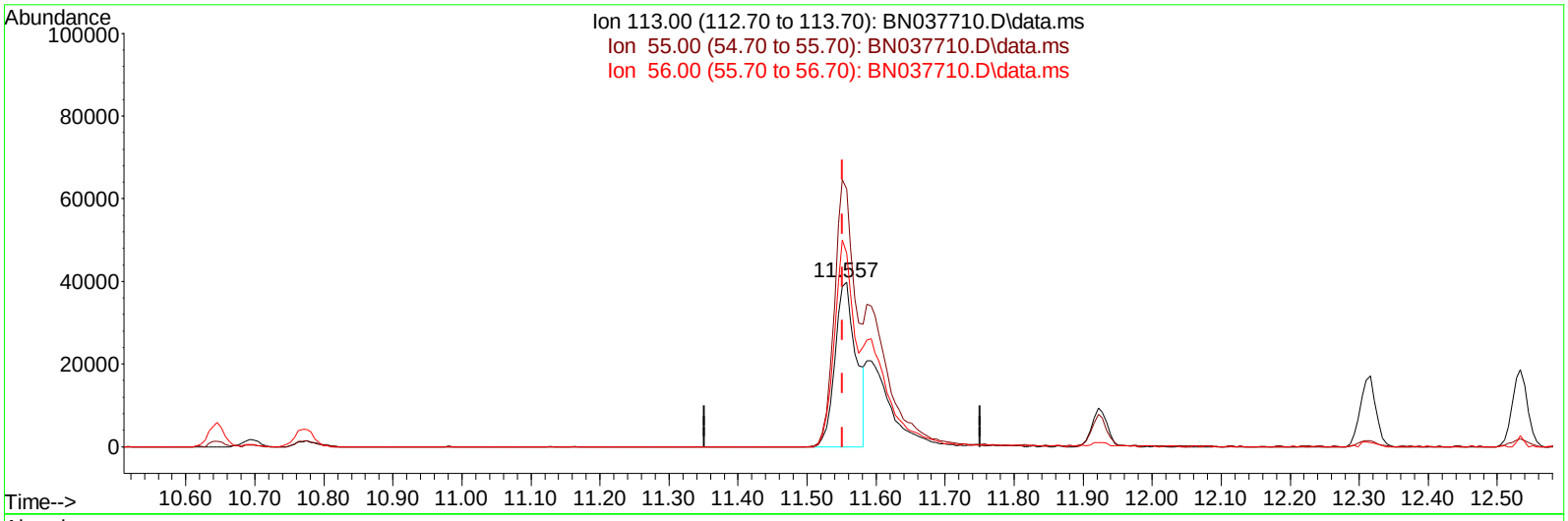
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037710.D
Acq On : 12 Sep 2025 13:26
Operator : RC/JU
Sample : SSTD04044
Misc :
ALS Vial : 5 Sample Multiplier: 1

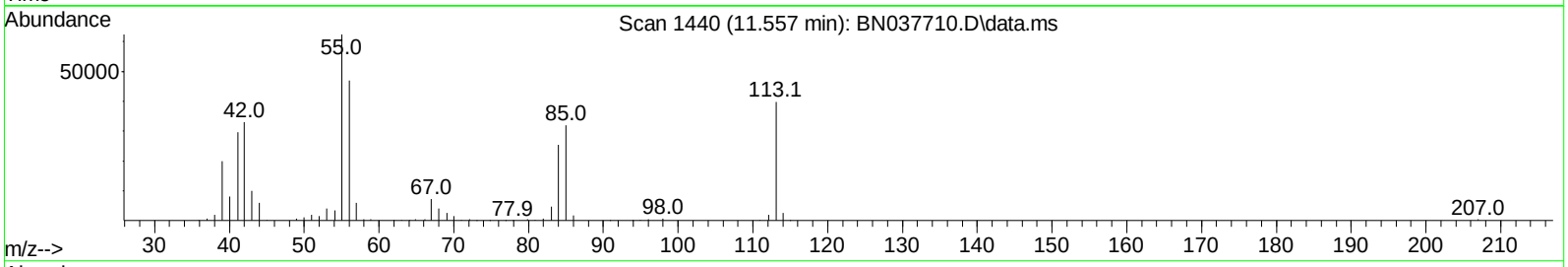
Quant Time: Sep 12 15:28:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:23:21 2025
Response via : Initial Calibration

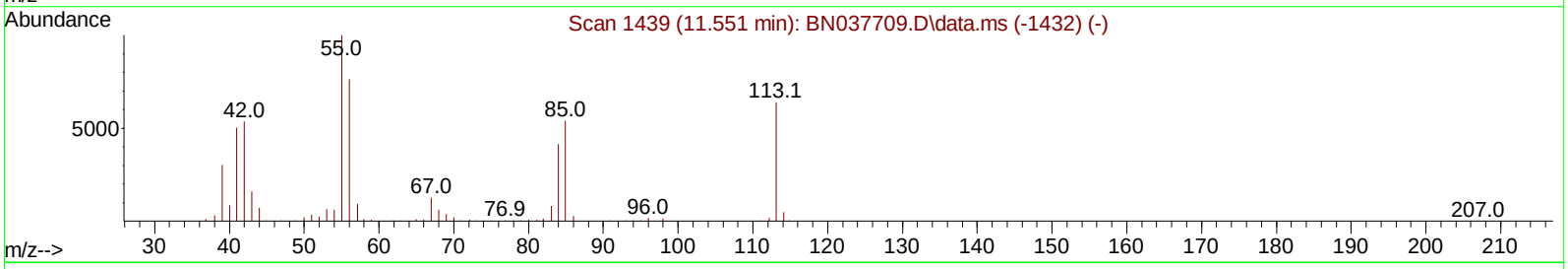
Instrument :
BNA_N
ClientSampleId :
SSTD040241

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 09/15/2025
Supervised By :Jagrut Upadhyay 09/15/2025







TIC: BN037710.D\data.ms

(34) Caprolactam

11.557min (+ 0.006) 22.91 ng/ul

response 84798

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.30	156.45
56.00	120.50	117.67
0.00	0.00	0.00

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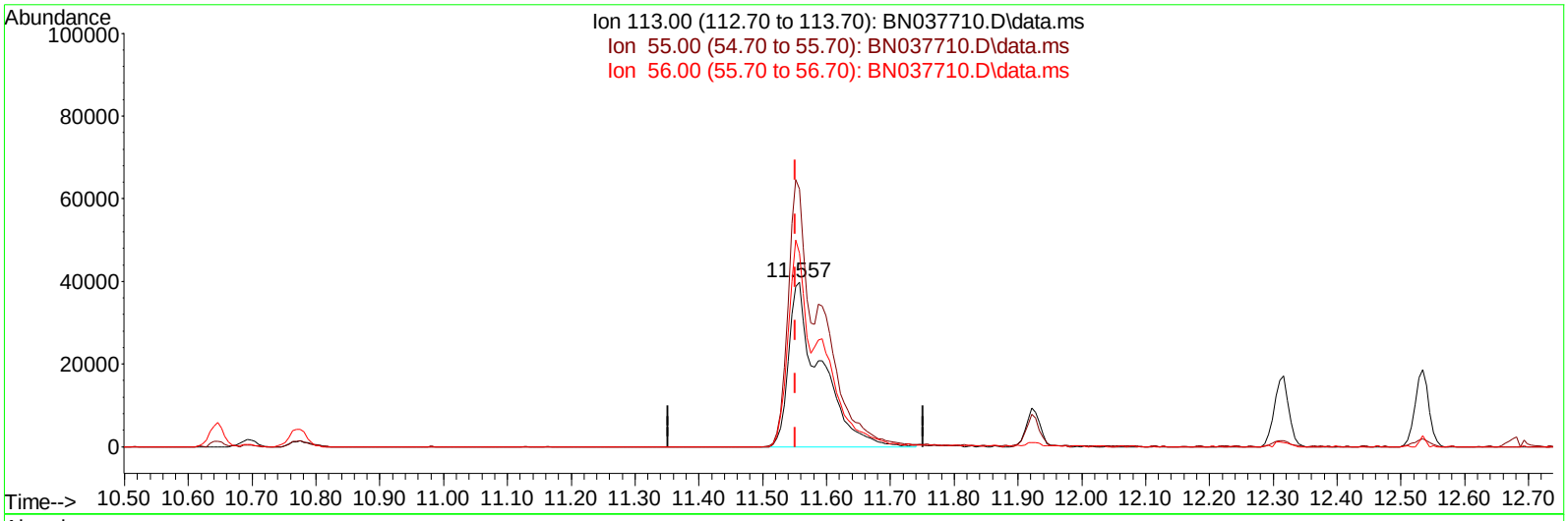

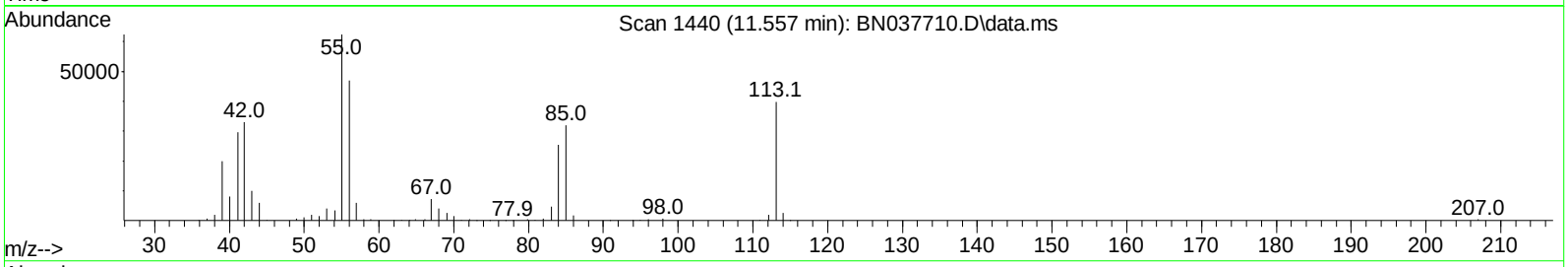

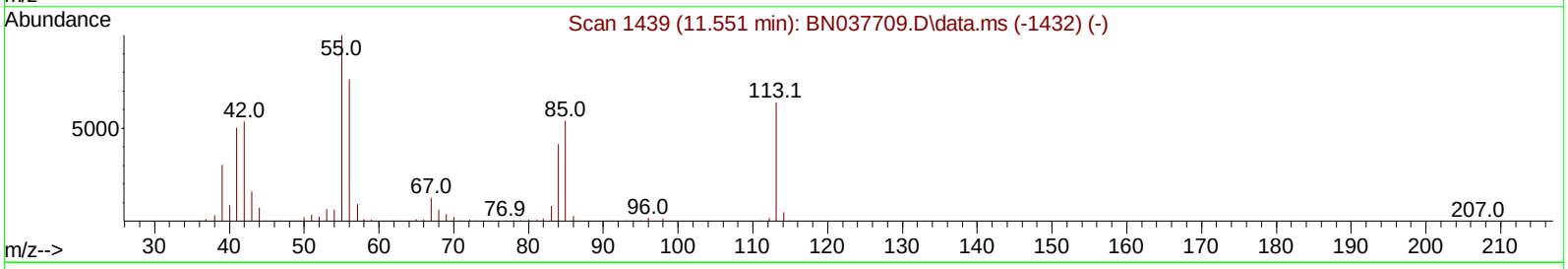

TIC: BN037710.D\data.ms

(34) Caprolactam

11.557min (+ 0.006) 37.49 ng/ul m

response 138763

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.30	156.45
56.00	120.50	117.67
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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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	7.834	152	218725	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	815975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	452548	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	777513	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	806163	20.000	ng/ul	0.00
88) Perylene-d12	24.580	264	850831	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	86353	18.228	ng/uL	0.00
4) Pyridine-d5	3.669	84	595404	43.694	ng/ul	0.00
7) Phenol-d5	6.987	99	661458	40.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	403094	40.324	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	568329	40.732	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	512755	38.302	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	266957	42.879	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	233573	41.241	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	494600	41.625	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	706244	40.134	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1245132	38.823	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	1590587	41.569	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	236402	39.370	ng/ul	0.00
60) Fluorene-d10	15.486	176	1117146	40.105	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	138379	32.959	ng/ul	0.00
73) Anthracene-d10	17.339	188	1646817	42.596	ng/ul	0.00
81) Pyrene-d10	19.633	212	1761087	40.387	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.368	264	1909990	44.083	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	90572	17.355	ng/uL	99
5) Pyridine	3.693	79	608716	43.484	ng/ul	98
6) Benzaldehyde	6.963	77	330714	43.463	ng/ul	100
8) Phenol	7.016	94	691375	40.926	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.258	93	545697	39.911	ng/ul	98
12) 2-Chlorophenol	7.399	128	589597	41.201	ng/ul	98
13) 2-Methylphenol	8.275	108	505169	39.585	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.363	45	746612	37.932	ng/ul	100
16) Acetophenone	8.657	105	817152	38.945	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.652	70	378892	38.870	ng/ul	99
18) 4-Methylphenol	8.604	108	546663	39.784	ng/ul	99
19) Hexachloroethane	8.928	117	246790	40.699	ng/ul	95
22) Nitrobenzene	9.034	77	591689	41.581	ng/ul	100
23) Isophorone	9.569	82	1023903	39.762	ng/ul	98
25) 2-Nitrophenol	9.752	139	272086	41.954	ng/ul	99
26) 2,4-Dimethylphenol	9.810	107	555990	40.358	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.051	93	662481	39.527	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	495337	41.269	ng/ul	97
30) Naphthalene	10.699	128	1770910	40.250	ng/ul	99
32) 4-Chloroaniline	10.799	127	698964	39.627	ng/ul	96
33) Hexachlorobutadiene	10.993	225	337267	40.520	ng/ul	93
34) Caprolactam	11.557	113	138763m	37.490	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	475897	39.388	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	1175554	39.399	ng/ul	96
37) 1-Methylnaphthalene	12.534	142	1153758	39.498	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	584240	42.193	ng/ul	96
40) Hexachlorocyclopentadiene	12.675	237	367693	41.503	ng/ul	96
41) 2,4,6-Trichlorophenol	12.922	196	339347	42.018	ng/ul	98
42) 2,4,5-Trichlorophenol	12.987	196	385556	41.906	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	1443072	41.542	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	1115982	41.354	ng/ul	98
45) 2-Nitroaniline	13.563	65	279154	43.832	ng/ul	96
47) Dimethylphthalate	13.951	163	1249772	39.453	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	242736	40.627	ng/ul	95
50) Acenaphthylene	14.216	152	1822183	41.612	ng/ul	99
51) 3-Nitroaniline	14.387	138	243004	40.957	ng/ul	94
52) Acenaphthene	14.557	153	1174831	41.375	ng/ul	95
53) 2,4-Dinitrophenol	14.592	184	86428	28.670	ng/ul	94
55) 4-Nitrophenol	14.687	109	180189	41.619	ng/ul	95
56) Dibenzofuran	14.898	168	1584717	40.601	ng/ul	97
57) 2,4-Dinitrotoluene	14.845	165	349141	40.388	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	282483	40.313	ng/ul	99
59) Diethylphthalate	15.322	149	1190188	37.779	ng/ul	99
61) Fluorene	15.545	166	1296383	40.746	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.545	204	619572	39.822	ng/ul	99
63) 4-Nitroaniline	15.545	138	234536	42.166	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	154379	34.024	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	1050312	42.499	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	379347	43.135	ng/ul	95
69) Hexachlorobenzene	16.551	284	453214	43.392	ng/ul	99
70) Atrazine	16.704	200	348687	40.078	ng/ul	97
71) Pentachlorophenol	16.892	266	234224	36.985	ng/ul	92
72) Phenanthrene	17.286	178	1885776	42.230	ng/ul	99
74) Anthracene	17.375	178	1927155	42.516	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	589314	45.031	ng/uL	96
76) Pentachlorobenzene	14.816	250	553703	43.811	ng/uL	99
77) Carbazole	17.639	167	1674280	42.041	ng/ul	97
78) Di-n-butylphthalate	18.222	149	1823101	38.840	ng/ul	100
80) Fluoranthene	19.298	202	2041322	39.604	ng/ul	100
82) Pyrene	19.657	202	2158034	40.057	ng/ul	98
83) Butylbenzylphthalate	20.569	149	669534	36.872	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	655372	41.759	ng/ul	99
85) Benzo(a)anthracene	21.474	228	2142061	39.994	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1020401	34.430	ng/ul	99
87) Chrysene	21.539	228	2036521	40.195	ng/ul	98
89) Di-n-octyl phthalate	22.592	149	1588479	31.511	ng/ul	100
90) Benzo(b)fluoranthene	23.610	252	2220916	43.937	ng/ul	98
91) Benzo(k)fluoranthene	23.668	252	2136643	40.872	ng/ul	100
93) Benzo(a)pyrene	24.445	252	2044944	42.363	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.080	276	2713481	43.630	ng/ul	98
95) Dibenzo(a,h)anthracene	28.145	278	2258145	43.770	ng/ul	99
96) Benzo(g,h,i)perylene	29.162	276	2206665	44.035	ng/ul	97

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

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