Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091225\
Data File : BN037713.D
Acq On : 12 Sep 2025 17:18
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 10:42:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:43:05 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV244

Manual IntegrationsAPPROVED

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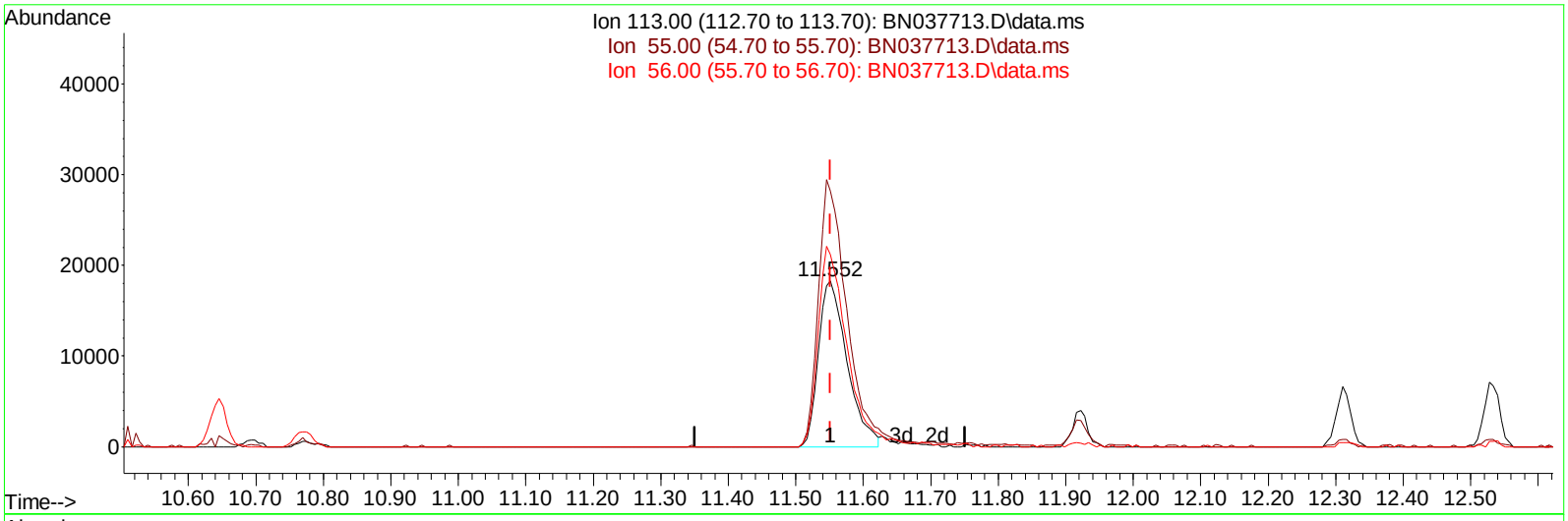
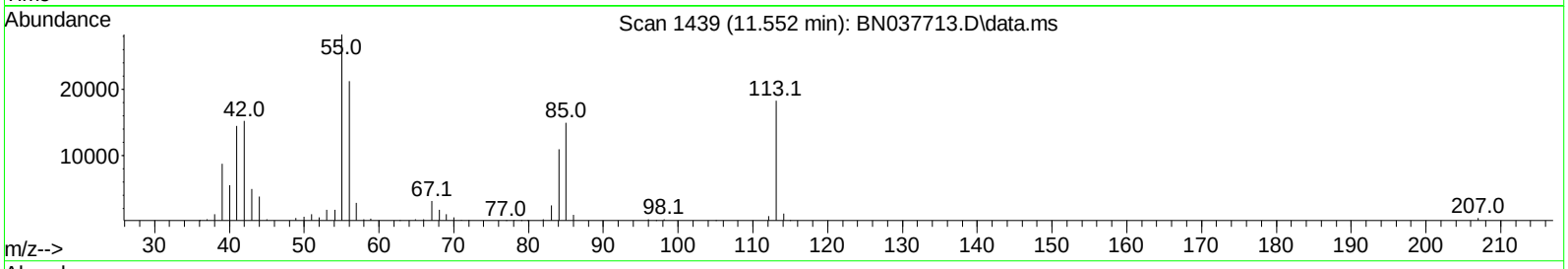
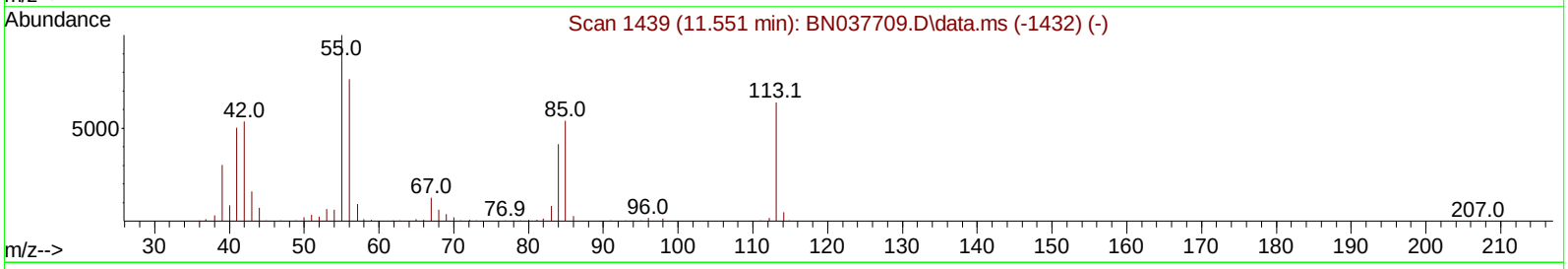
Supervised By :Jagrut Upadhyay 09/15/2025







TIC: BN037713.D\data.ms

(34) Caprolactam

11.552min (+ 0.000) 16.07 ng/ul

response 53982

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.30	154.49
56.00	120.50	116.02
0.00	0.00	0.00

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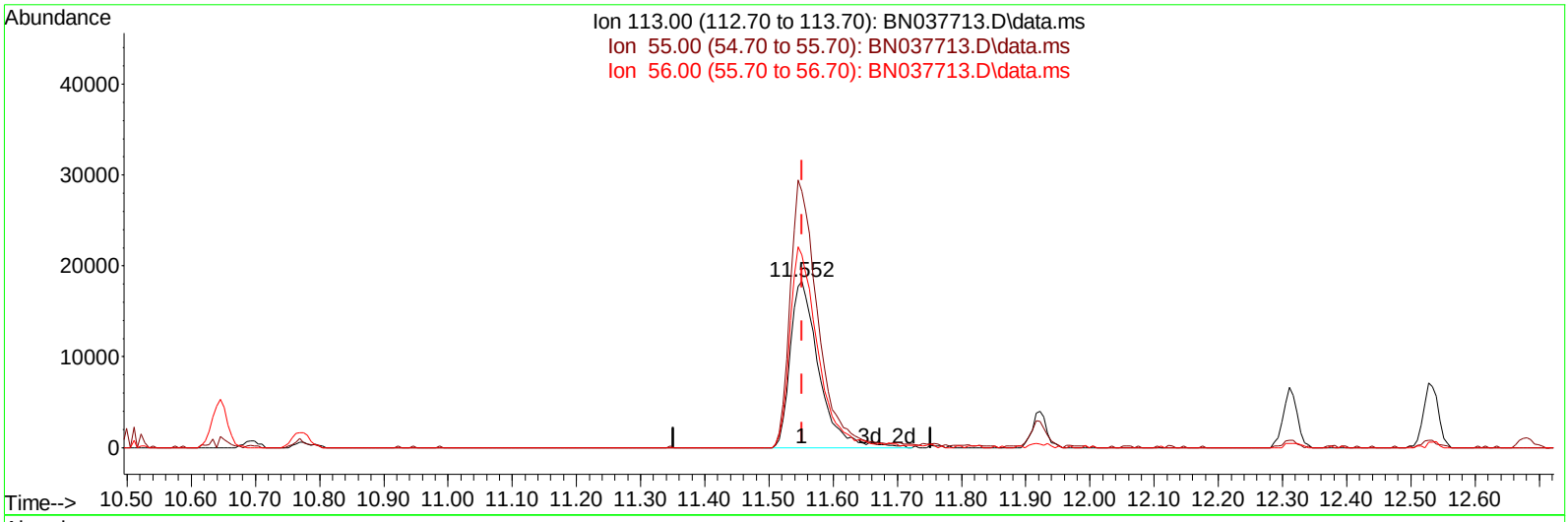

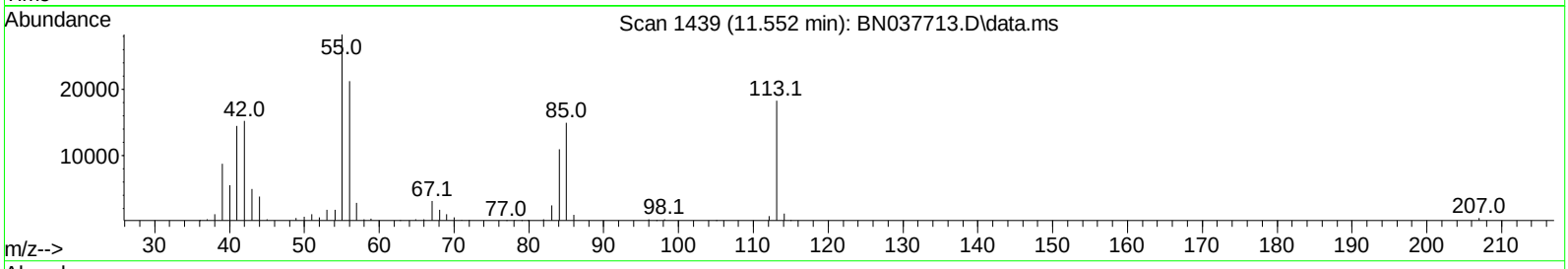

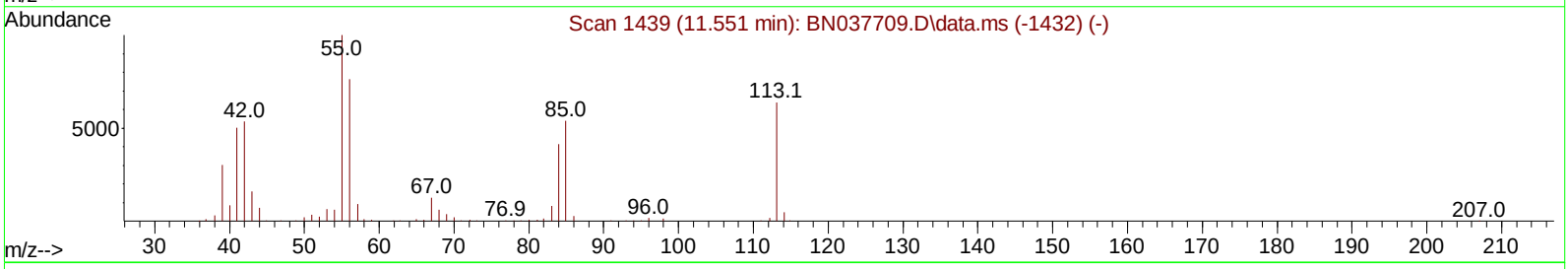

TIC: BN037713.D\data.ms

(34) Caprolactam

11.552min (+ 0.000) 16.77 ng/ul m

response 56336

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	158.30	154.49
56.00	120.50	116.02
0.00	0.00	0.00

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 10:44:04 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 15:43:05 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	7.834	152	206366	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	788808	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	437946	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	793170	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	806868	20.000	ng/ul	0.00
88) Perylene-d12	24.574	264	885070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	34807	7.144	ng/uL	0.00
4) Pyridine-d5	3.670	84	245014	18.085	ng/ul	0.00
7) Phenol-d5	6.987	99	265244	17.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	186006	19.593	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	227702	17.921	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	212584	17.540	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	103493	17.397	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	86301	17.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	204025	18.358	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	295522	17.530	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	531407	18.173	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	665169	18.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	92388	16.859	ng/ul	0.00
60) Fluorene-d10	15.487	176	457405	17.489	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.593	200	46734	13.069	ng/ul	0.00
73) Anthracene-d10	17.339	188	689667	17.488	ng/ul	0.00
81) Pyrene-d10	19.628	212	738343	17.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.369	264	781339	17.485	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	36164	6.972	ng/uL	99
5) Pyridine	3.693	79	242502	17.323	ng/ul	99
6) Benzaldehyde	6.964	77	167914	23.279	ng/ul	99
8) Phenol	7.011	94	290122	18.106	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.252	93	230709	18.058	ng/ul	98
12) 2-Chlorophenol	7.393	128	245324	18.462	ng/ul	98
13) 2-Methylphenol	8.269	108	211910	17.937	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	316374	17.978	ng/ul	99
16) Acetophenone	8.658	105	358906	18.590	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.646	70	161948	18.405	ng/ul	99
18) 4-Methylphenol	8.599	108	227944	17.885	ng/ul	99
19) Hexachloroethane	8.928	117	103011	18.207	ng/ul	96
22) Nitrobenzene	9.034	77	247174	18.159	ng/ul	99
23) Isophorone	9.563	82	424465	17.972	ng/ul	99
25) 2-Nitrophenol	9.752	139	108748	18.943	ng/ul	98
26) 2,4-Dimethylphenol	9.810	107	232127	17.721	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.052	93	280830	17.839	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	206880	18.241	ng/ul	97
30) Naphthalene	10.693	128	753456	17.883	ng/ul	99
32) 4-Chloroaniline	10.799	127	306739	18.196	ng/ul	100
33) Hexachlorobutadiene	10.993	225	144743	18.303	ng/ul	96
34) Caprolactam	11.552	113	56336m	16.767	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	195056	18.262	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	445942	16.096	ng/ul	98
37) 1-Methylnaphthalene	12.534	142	466602	17.031	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.681	216	258850	18.949	ng/ul	96
40) Hexachlorocyclopentadiene	12.675	237	151003	17.243	ng/ul	96
41) 2,4,6-Trichlorophenol	12.916	196	139943	18.937	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	160456	18.713	ng/ul	99
43) 1,1'-Biphenyl	13.328	154	627375	18.602	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	481078	18.119	ng/ul	99
45) 2-Nitroaniline	13.557	65	111655	18.465	ng/ul	98
47) Dimethylphthalate	13.951	163	536526	18.349	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	108177	20.692	ng/ul	96
50) Acenaphthylene	14.216	152	773592	18.243	ng/ul	100
51) 3-Nitroaniline	14.381	138	122639	21.888	ng/ul	99
52) Acenaphthene	14.557	153	500467	18.138	ng/ul	95
53) 2,4-Dinitrophenol	14.593	184	30817	13.947	ng/ul	94
55) 4-Nitrophenol	14.681	109	74791	17.921	ng/ul	95
56) Dibenzofuran	14.893	168	693553	18.423	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	143743	19.203	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	130541	21.768	ng/ul	96
59) Diethylphthalate	15.322	149	506039	18.214	ng/ul	98
61) Fluorene	15.545	166	554099	18.161	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.540	204	263707	17.963	ng/ul	94
63) 4-Nitroaniline	15.545	138	125446	23.797	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	56552	14.157	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	464508	18.259	ng/ul	98
68) 4-Bromophenyl-phenylether	16.440	248	161753	18.133	ng/ul	99
69) Hexachlorobenzene	16.551	284	194216	17.789	ng/ul	98
70) Atrazine	16.704	200	145217	16.987	ng/ul	98
71) Pentachlorophenol	16.892	266	95563	15.945	ng/ul	99
72) Phenanthrene	17.281	178	825638	17.964	ng/ul	99
74) Anthracene	17.375	178	834508	17.907	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.293	216	237202	16.809	ng/uL	97
76) Pentachlorobenzene	14.816	250	227370	16.821	ng/uL	96
77) Carbazole	17.639	167	752568	18.228	ng/ul	99
78) Di-n-butylphthalate	18.222	149	743962	17.758	ng/ul	99
80) Fluoranthene	19.298	202	878548	17.850	ng/ul	99
82) Pyrene	19.657	202	945198	18.056	ng/ul	99
83) Butylbenzylphthalate	20.563	149	260950	17.657	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.392	252	302678	19.423	ng/ul	98
85) Benzo(a)anthracene	21.475	228	929561	17.963	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	401363	18.016	ng/ul	97
87) Chrysene	21.533	228	873518	17.654	ng/ul	97
89) Di-n-octyl phthalate	22.592	149	601638	14.432	ng/ul	100
90) Benzo(b)fluoranthene	23.604	252	960817	18.389	ng/ul	97
91) Benzo(k)fluoranthene	23.669	252	955951	18.132	ng/ul	97
93) Benzo(a)pyrene	24.427	252	926566	18.501	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.074	276	1156329	17.645	ng/ul	98
95) Dibenzo(a,h)anthracene	28.139	278	963023	17.779	ng/ul	99
96) Benzo(g,h,i)perylene	29.151	276	922906	17.187	ng/ul	98

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

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