Quantitation Report (Qedit)

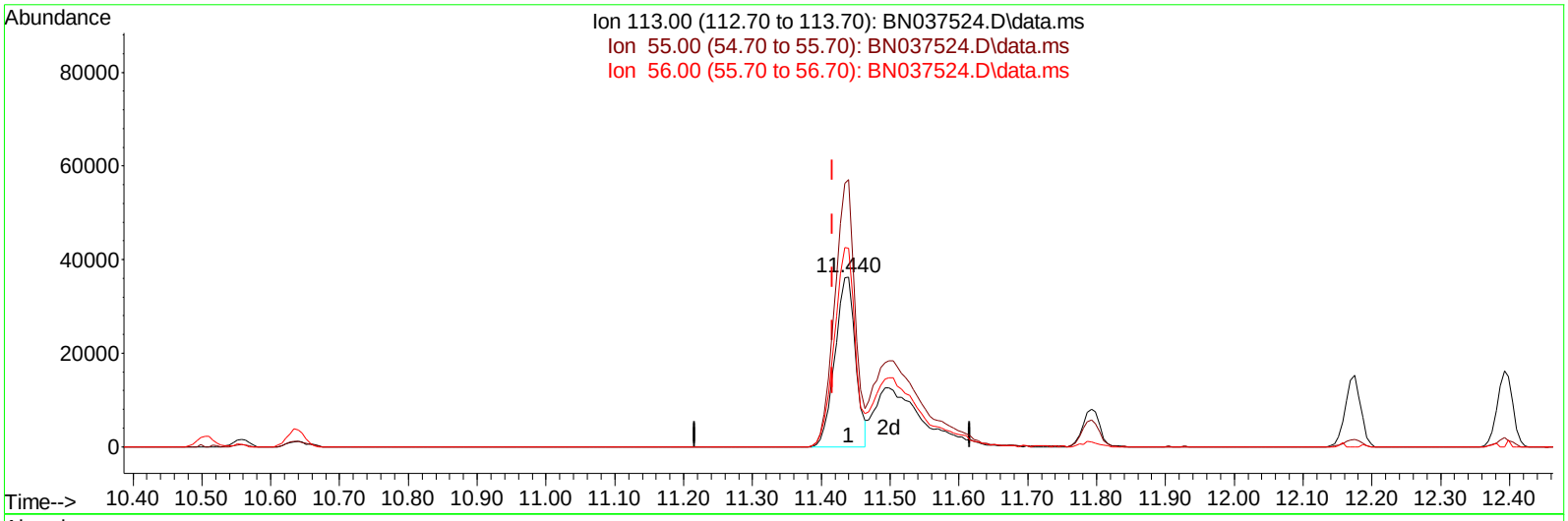
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071825\
Data File : BN037524.D
Acq On : 18 Jul 2025 15:16
Operator : RC/JU
Sample : SSTD08039
Misc :
ALS Vial : 6 Sample Multiplier: 1

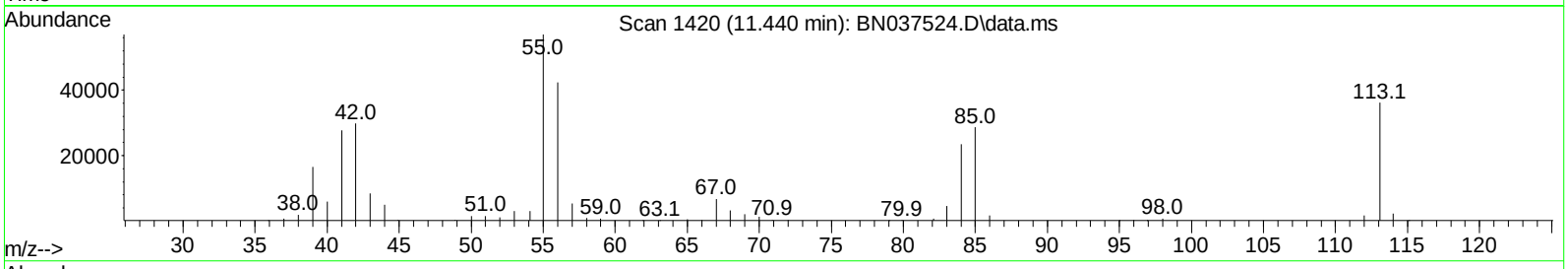
Quant Time: Jul 18 16:12:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN071825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 16:09:51 2025
Response via : Initial Calibration

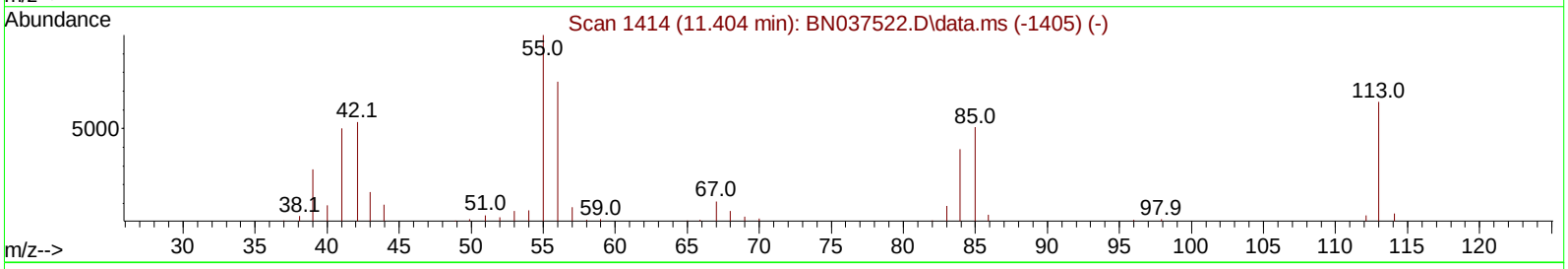
Instrument :
BNA_N
ClientSampleId :
SSTD080235

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 07/21/2025
Supervised By :Jagrut Upadhyay 07/21/2025







TIC: BN037524.D\data.ms

(34) Caprolactam

11.440min (+ 0.024) 45.06 ng/ul

response 74721

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	148.30	157.62
56.00	117.60	117.29
0.00	0.00	0.00

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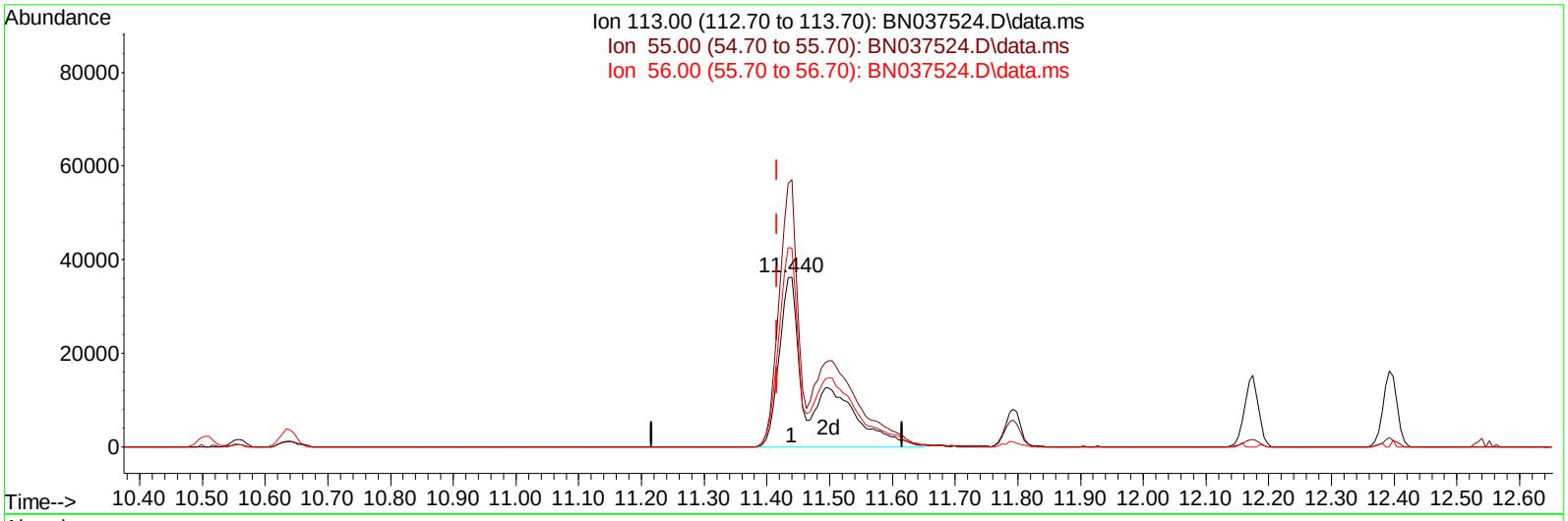

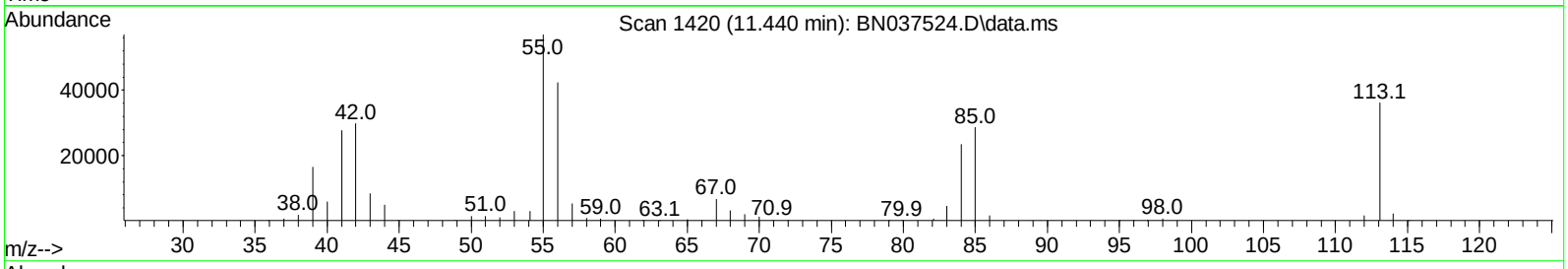

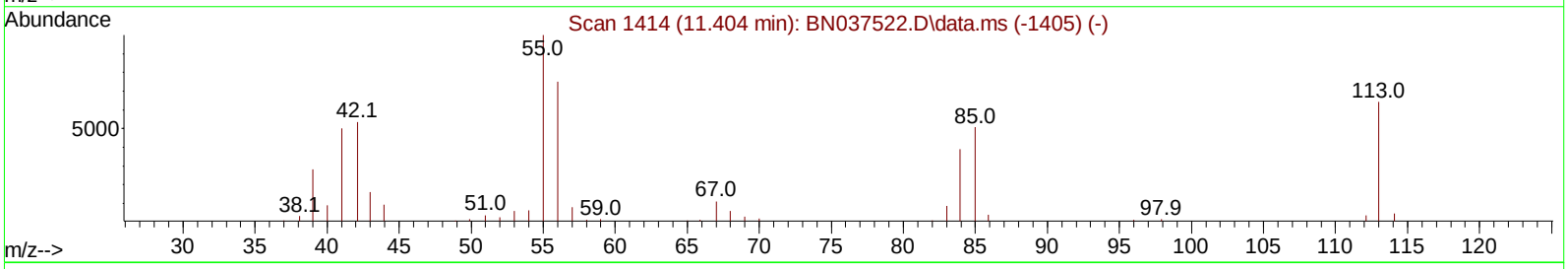

TIC: BN037524.D\data.ms

(34) Caprolactam

11.440min (+ 0.024) 81.61 ng/ul m

response 135319

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	148.30	157.62
56.00	117.60	117.29
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 18 16:09:51 2025
Response via : Initial Calibration

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	7.722	152	91884	20.000	ng/ul	0.00
20) Naphthalene-d8	10.504	136	361985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	211317	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	384379	20.000	ng/ul	0.00
79) Chrysene-d12	21.327	240	367863	20.000	ng/ul	0.00
88) Perylene-d12	24.268	264	387297	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	63992	33.005	ng/uL	0.00
4) Pyridine-d5	3.605	84	464484	81.961	ng/ul	0.00
7) Phenol-d5	6.887	99	554378	81.297	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	338362	81.534	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	491820	85.274	ng/ul	0.00
15) 4-Methylphenol-d8	8.428	113	451557	80.538	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	238170	87.538	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	247079	98.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	443951	85.200	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	614787	78.868	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1204248	80.292	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1465623	83.239	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	236666	83.724	ng/ul	0.00
60) Fluorene-d10	15.351	176	1020096	78.780	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	196659	98.307	ng/ul	0.00
73) Anthracene-d10	17.198	188	1527766	80.783	ng/ul	0.00
81) Pyrene-d10	19.492	212	1581267	81.828	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	1700653	87.072	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	68345	31.733	ng/uL	96
5) Pyridine	3.622	79	468548	80.537	ng/ul	96
6) Benzaldehyde	6.858	77	195989	54.419	ng/ul	97
8) Phenol	6.916	94	571745	81.587	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.152	93	461022	80.498	ng/ul	98
12) 2-Chlorophenol	7.287	128	499933	85.048	ng/ul	98
13) 2-Methylphenol	8.157	108	429380	81.063	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	661166	79.681	ng/ul	99
16) Acetophenone	8.540	105	693379	78.091	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.546	70	332546	82.128	ng/ul	96
18) 4-Methylphenol	8.493	108	467004	81.257	ng/ul	95
19) Hexachloroethane	8.799	117	210033	83.410	ng/ul	97
22) Nitrobenzene	8.916	77	513913	82.945	ng/ul	98
23) Isophorone	9.452	82	925237	81.758	ng/ul	99
25) 2-Nitrophenol	9.622	139	266985	93.310	ng/ul	99
26) 2,4-Dimethylphenol	9.687	107	490080	81.255	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.928	93	601458	81.888	ng/ul	100
29) 2,4-Dichlorophenol	10.157	162	441575	84.234	ng/ul	93
30) Naphthalene	10.557	128	1531376	79.556	ng/ul	100
32) 4-Chloroaniline	10.663	127	612035	78.166	ng/ul	96
33) Hexachlorobutadiene	10.851	225	296870	81.912	ng/ul	95
34) Caprolactam	11.440	113	135319m	81.605	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	443579	81.970	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	1047661	79.698	ng/ul	96
37) 1-Methylnaphthalene	12.393	142	1021530	79.213	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	518508	82.232	ng/ul	96
40) Hexachlorocyclopentadiene	12.534	237	360111	91.030	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	333907	89.718	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	368074	87.071	ng/ul	90
43) 1,1'-Biphenyl	13.193	154	1297216	81.599	ng/ul	99
44) 2-Chloronaphthalene	13.234	162	1020675	82.756	ng/ul	96
45) 2-Nitroaniline	13.428	65	269710	91.552	ng/ul	97
47) Dimethylphthalate	13.822	163	1183869	80.093	ng/ul	99
48) 2,6-Dinitrotoluene	13.934	165	259846	92.419	ng/ul	97
50) Acenaphthylene	14.081	152	1613861	80.198	ng/ul	99
51) 3-Nitroaniline	14.251	138	214252	74.726	ng/ul	98
52) Acenaphthene	14.422	153	1055372	80.717	ng/ul	96
53) 2,4-Dinitrophenol	14.457	184	138235	103.075	ng/ul	98
55) 4-Nitrophenol	14.569	109	163475	80.181	ng/ul	92
56) Dibenzofuran	14.757	168	1432335	79.040	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	363925	88.530	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.981	232	293386	88.636	ng/ul	99
59) Diethylphthalate	15.192	149	1217021	81.922	ng/ul	97
61) Fluorene	15.410	166	1149412	77.624	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.404	204	581105	79.412	ng/ul	95
63) 4-Nitroaniline	15.422	138	192672	69.516	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	204529	93.370	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	982794	82.216	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	353897	83.489	ng/ul	96
69) Hexachlorobenzene	16.410	284	415042	82.535	ng/ul	99
70) Atrazine	16.575	200	356780	83.334	ng/ul	97
71) Pentachlorophenol	16.745	266	268980	89.205	ng/ul	99
72) Phenanthrene	17.139	178	1738858	79.681	ng/ul	99
74) Anthracene	17.233	178	1758712	79.394	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.151	216	529727	86.122	ng/uL	96
76) Pentachlorobenzene	14.681	250	510554	84.741	ng/uL	97
77) Carbazole	17.498	167	1563506	79.173	ng/ul	99
78) Di-n-butylphthalate	18.080	149	2034886	86.318	ng/ul	99
80) Fluoranthene	19.157	202	1874368	81.707	ng/ul	99
82) Pyrene	19.522	202	1948723	81.383	ng/ul	99
83) Butylbenzylphthalate	20.433	149	802306	96.544	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	599719	84.448	ng/ul	98
85) Benzo(a)anthracene	21.310	228	1933541	80.855	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.257	149	1315246	95.311	ng/ul	97
87) Chrysene	21.369	228	1841332	81.116	ng/ul	97
89) Di-n-octyl phthalate	22.380	149	2142190	92.163	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1918378	84.288	ng/ul	94
91) Benzo(k)fluoranthene	23.410	252	1981046	83.886	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1841305	84.328	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.592	276	2385068	86.069	ng/ul	96
95) Dibenzo(a,h)anthracene	27.656	278	1978694	85.554	ng/ul	100
96) Benzo(g,h,i)perylene	28.627	276	1898054	84.651	ng/ul	98

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

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