Quantitation Report (Qedit)

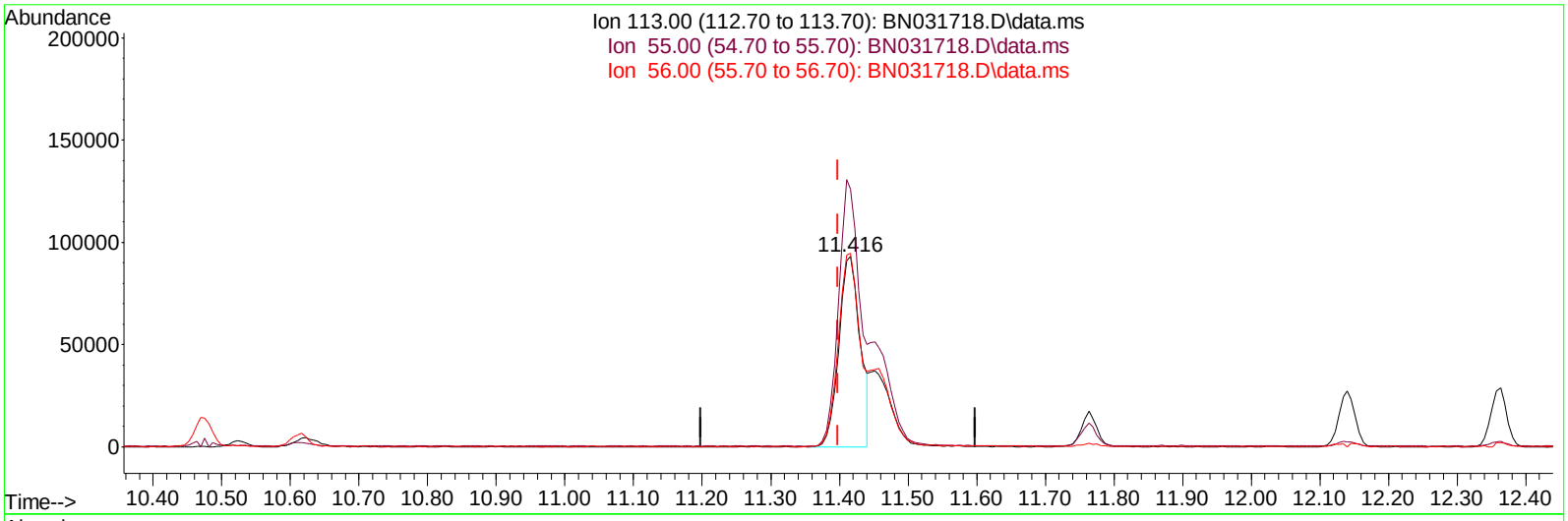
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031718.D
Acq On : 30 May 2024 11:40
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 29 Sample Multiplier: 1

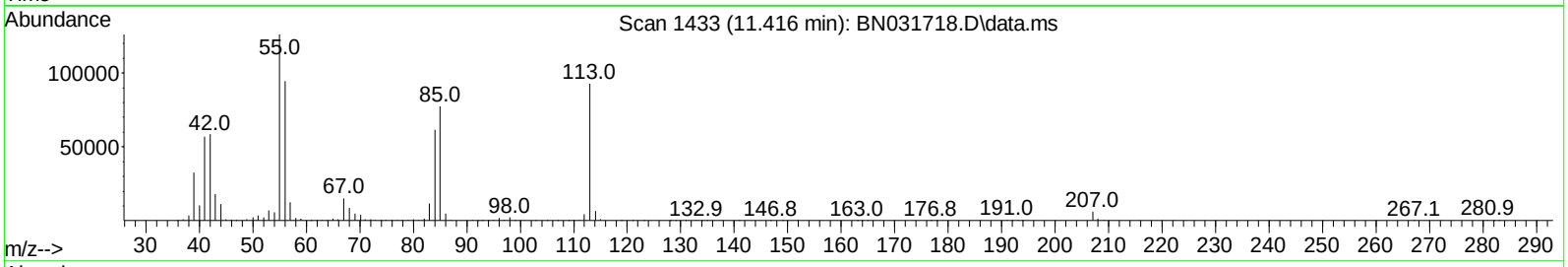
Quant Time: May 30 12:47:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

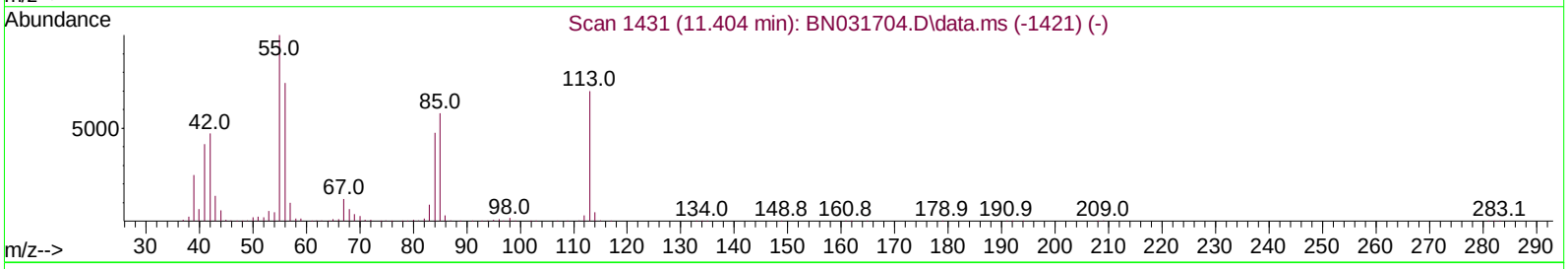
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024







TIC: BN031718.D\data.ms

(34) Caprolactam

11.416min (+ 0.018) 13.64 ng/ul

response 198705

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.64
56.00	111.70	101.67
0.00	0.00	0.00

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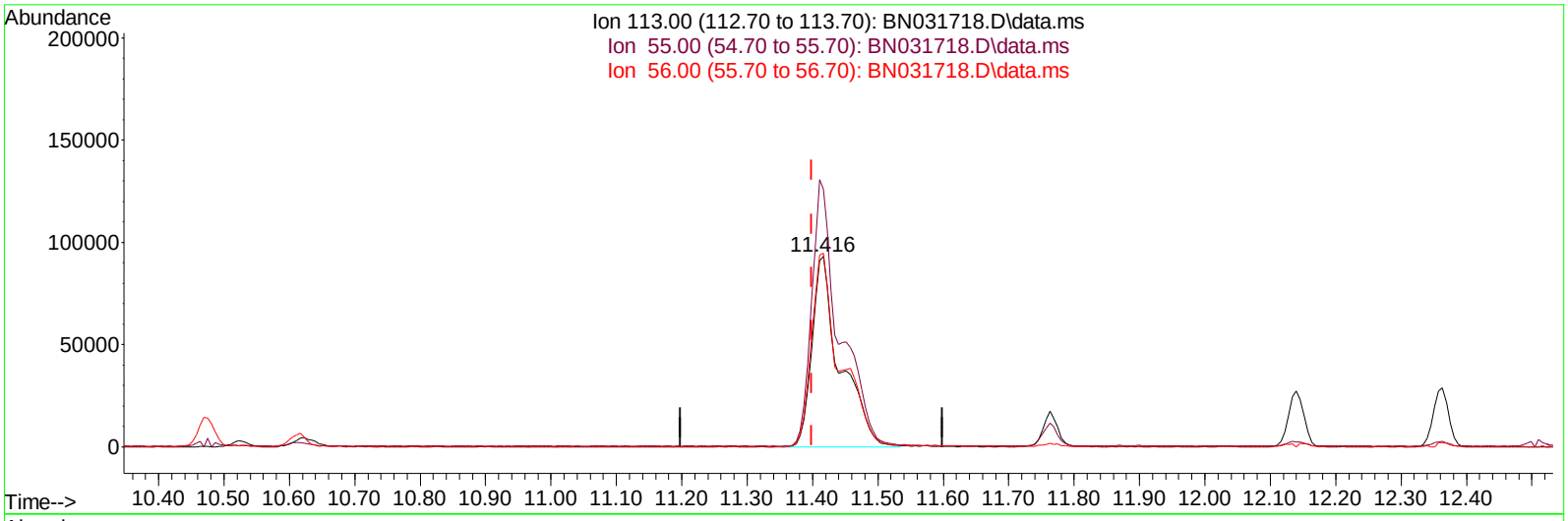

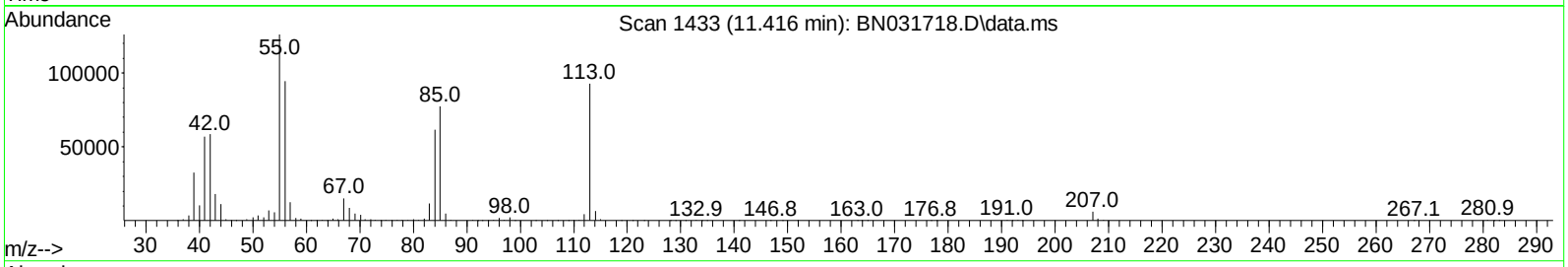

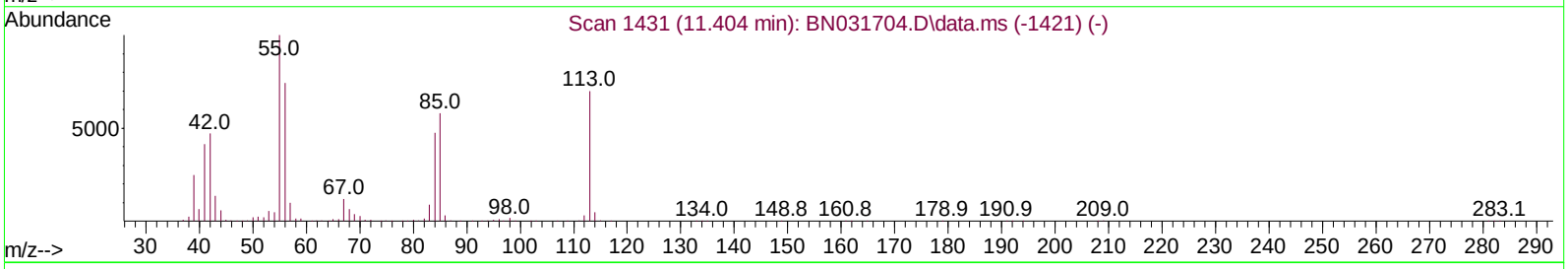

TIC: BN031718.D\data.ms

(34) Caprolactam

11.416min (+ 0.018) 19.15 ng/ul m

response 279079

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	135.64
56.00	111.70	101.67
0.00	0.00	0.00

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Sample : SSTDCCC020EC
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Instrument :
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LabSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	593516	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2564062	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	1590135	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	3072973	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1913016	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1944201	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	114757	7.999	ng/uL	0.00
4) Pyridine-d5	3.599	84	831020	20.578	ng/ul	0.00
7) Phenol-d5	6.864	99	1057142	20.777	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	615576	20.684	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	841406	21.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	856586	20.653	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128	434557	22.166	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	455927	22.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	818367	21.646	ng/ul	0.01
31) 4-Chloroaniline-d4	10.610	131	1155779	20.589	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	2245065	20.266	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2723835	21.384	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	429906	19.382	ng/ul	0.01
60) Fluorene-d10	15.328	176	1939017	20.687	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	222984	14.436	ng/ul	0.01
73) Anthracene-d10	17.175	188	2786997	21.184	ng/ul	0.00
81) Pyrene-d10	19.475	212	2686057	26.239	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	1946773	20.970	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	121637	7.924	ng/uL	96
5) Pyridine	3.623	79	828460	20.517	ng/ul	97
6) Benzaldehyde	6.840	77	587869	24.633	ng/ul	99
8) Phenol	6.887	94	1082232	20.900	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.122	93	889607	20.777	ng/ul	98
12) 2-Chlorophenol	7.258	128	868671	21.382	ng/ul	98
13) 2-Methylphenol	8.128	108	840737	21.021	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1010239	20.496	ng/ul	98
16) Acetophenone	8.511	105	1319269	20.989	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.499	70	645379	19.814	ng/ul	98
18) 4-Methylphenol	8.458	108	898288	20.720	ng/ul	99
19) Hexachloroethane	8.758	117	362831	21.090	ng/ul	97
22) Nitrobenzene	8.887	77	988644	21.166	ng/ul	98
23) Isophorone	9.410	82	1913132	19.967	ng/ul	99
25) 2-Nitrophenol	9.593	139	487465	22.032	ng/ul	97
26) 2,4-Dimethylphenol	9.658	107	905940	21.048	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1204101	20.164	ng/ul	99
29) 2,4-Dichlorophenol	10.122	162	805146	21.568	ng/ul	99
30) Naphthalene	10.522	128	2830250	21.328	ng/ul	100
32) 4-Chloroaniline	10.634	127	1128045	20.698	ng/ul	98
33) Hexachlorobutadiene	10.805	225	503143	22.441	ng/ul	98
34) Caprolactam	11.416	113	279079m	19.153	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	892994	20.465	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.140	142	1894178	20.883	ng/ul	100
37) 1-Methylnaphthalene	12.363	142	1903179	20.912	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	945518	22.484	ng/ul	97
40) Hexachlorocyclopentadiene	12.487	237	334742	13.811	ng/ul	92
41) 2,4,6-Trichlorophenol	12.751	196	621378	21.769	ng/ul	94
42) 2,4,5-Trichlorophenol	12.822	196	674711	21.752	ng/ul	97
43) 1,1'-Biphenyl	13.163	154	2408292	21.532	ng/ul	98
44) 2-Chloronaphthalene	13.204	162	1888554	21.558	ng/ul	99
45) 2-Nitroaniline	13.410	65	540757	21.295	ng/ul	97
47) Dimethylphthalate	13.793	163	2286277	20.180	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	477848	21.219	ng/ul	100
50) Acenaphthylene	14.051	152	3074210	21.355	ng/ul	99
51) 3-Nitroaniline	14.240	138	542077	22.514	ng/ul	99
52) Acenaphthene	14.393	153	2007828	21.080	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	132902	11.690	ng/ul	99
55) 4-Nitrophenol	14.551	109	310903	18.896	ng/ul	97
56) Dibenzofuran	14.728	168	2751466	21.262	ng/ul	99
57) 2,4-Dinitrotoluene	14.704	165	670367	20.287	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.957	232	539542	20.795	ng/ul	98
59) Diethylphthalate	15.163	149	2332948	19.956	ng/ul	98
61) Fluorene	15.381	166	2185156	20.969	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.381	204	1063760	21.075	ng/ul	99
63) 4-Nitroaniline	15.404	138	546442	23.840	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	246894	15.036	ng/ul	100
67) N-Nitrosodiphenylamine	15.593	169	1864410	22.011	ng/ul	99
68) 4-Bromophenyl-phenylether	16.275	248	657533	22.084	ng/ul	94
69) Hexachlorobenzene	16.381	284	710949	21.068	ng/ul	96
70) Atrazine	16.551	200	573912	21.459	ng/ul	100
71) Pentachlorophenol	16.728	266	438695	20.319	ng/ul	97
72) Phenanthrene	17.122	178	3298149	21.069	ng/ul	99
74) Anthracene	17.210	178	3288953	20.735	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.122	216	922145	23.314	ng/uL	99
76) Pentachlorobenzene	14.646	250	867162	22.509	ng/uL	97
77) Carbazole	17.481	167	2965537	21.926	ng/ul	98
78) Di-n-butylphthalate	18.051	149	4051744	21.774	ng/ul	100
80) Fluoranthene	19.139	202	3327537	27.199	ng/ul	100
82) Pyrene	19.504	202	3339781	26.607	ng/ul	97
83) Butylbenzylphthalate	20.410	149	1619191	27.311	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.222	252	749920	20.442	ng/ul	94
85) Benzo(a)anthracene	21.292	228	2749867	21.476	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2329595	26.956	ng/ul	99
87) Chrysene	21.357	228	2552000	21.337	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	3752440	28.829	ng/ul	100
90) Benzo(b)fluoranthene	23.322	252	2430403	20.914	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2383553	20.902	ng/ul	98
93) Benzo(a)pyrene	24.116	252	2282183	20.968	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.568	276	2715088	21.648	ng/ul	99
95) Dibenzo(a,h)anthracene	27.627	278	2245744	21.932	ng/ul	97
96) Benzo(g,h,i)perylene	28.598	276	2170184	21.767	ng/ul	98

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

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