Quantitation Report (Qedit)

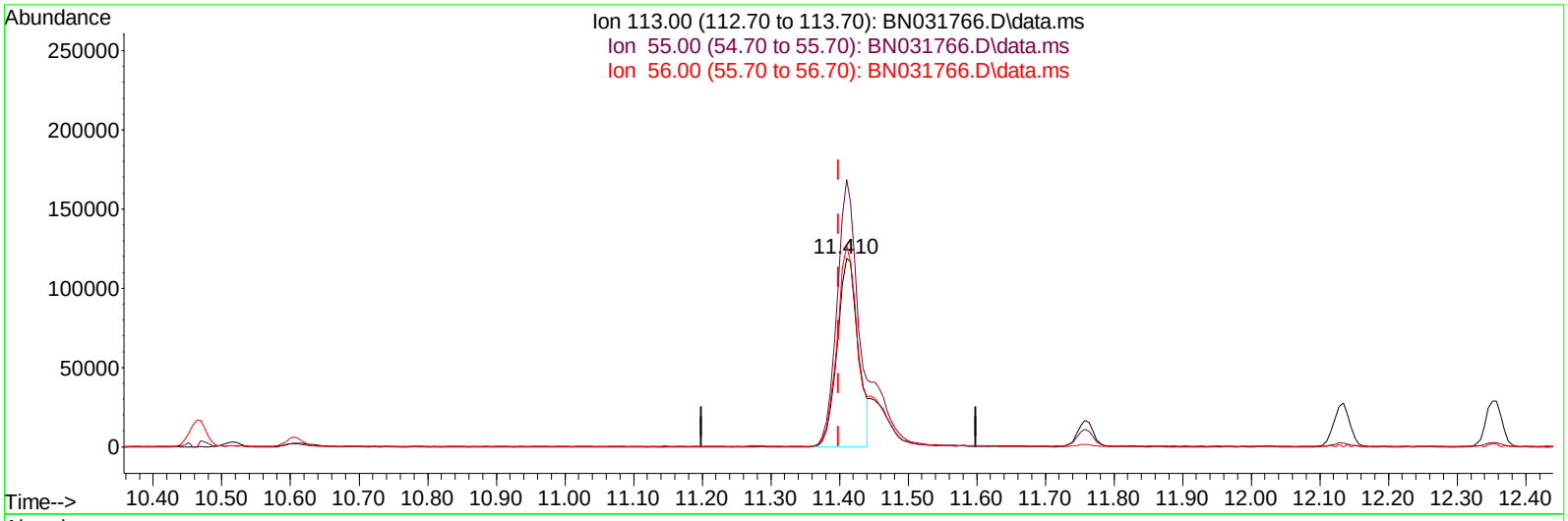
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060324\
Data File : BN031766.D
Acq On : 03 Jun 2024 19:55
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

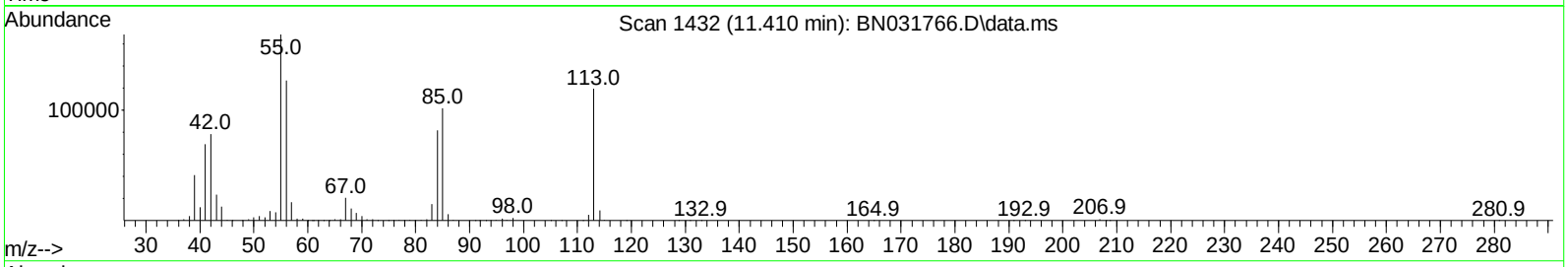
Quant Time: Jun 04 01:20:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

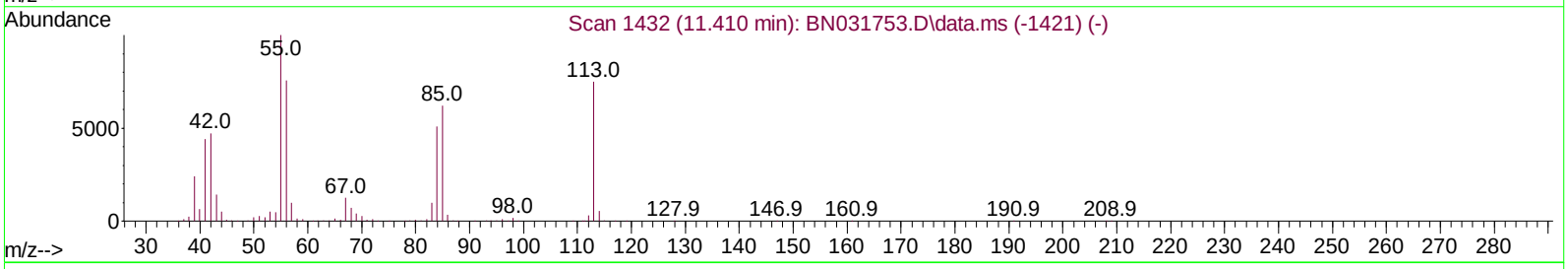
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024







TIC: BN031766.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 14.74 ng/ul

response 249740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	141.36
56.00	111.70	106.45
0.00	0.00	0.00

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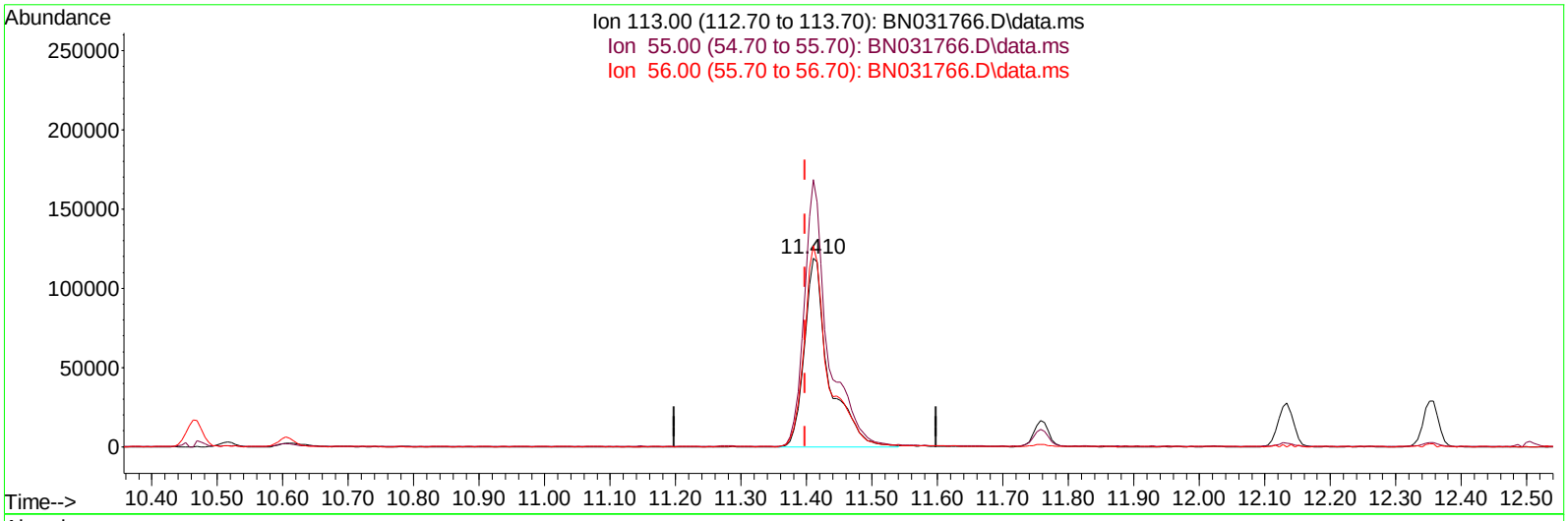

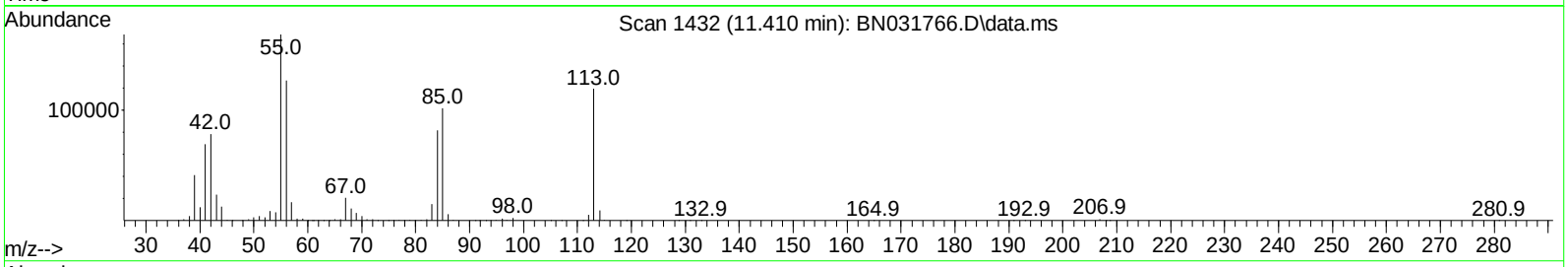

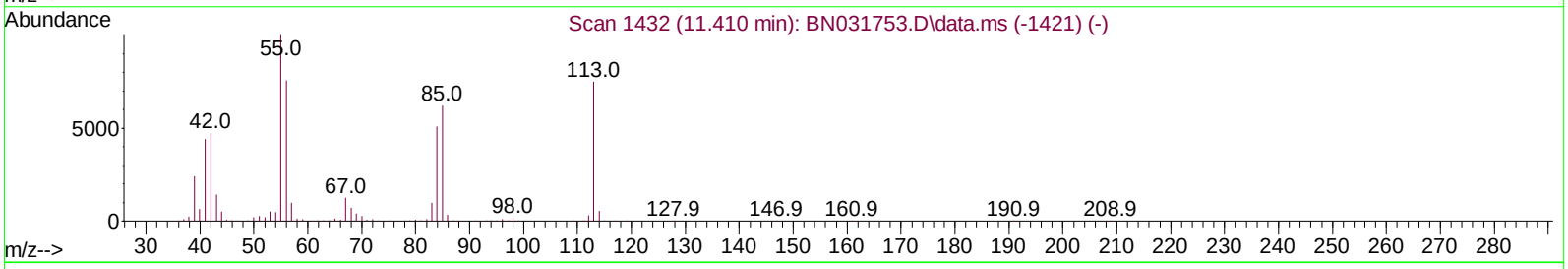

TIC: BN031766.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 18.35 ng/ul m

response 311026

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	141.36
56.00	111.70	106.45
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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LabSampleId :
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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	7.681	152	682454	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2981827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1740624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2862342	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	2057716	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	2381156	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	111357	6.750	ng/uL	0.00
4) Pyridine-d5	3.593	84	844168	18.179	ng/ul	0.00
7) Phenol-d5	6.852	99	1141746	19.515	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	633165	18.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	873827	19.575	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	902866	18.932	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	448451	19.670	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	482352	20.481	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	861799	19.601	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	1149253	17.605	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2222251	18.326	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2626148	18.834	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	370051	15.241	ng/ul	0.00
60) Fluorene-d10	15.322	176	1807772	17.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	210402	14.624	ng/ul	0.00
73) Anthracene-d10	17.169	188	2353703	19.207	ng/ul	0.00
81) Pyrene-d10	19.469	212	2288196	20.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.045	264	2138290	18.806	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	119297	6.759	ng/uL	97
5) Pyridine	3.617	79	840866	18.110	ng/ul	95
6) Benzaldehyde	6.834	77	426343	15.537	ng/ul	97
8) Phenol	6.881	94	1158871	19.463	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.116	93	928766	18.864	ng/ul	97
12) 2-Chlorophenol	7.246	128	913802	19.561	ng/ul	99
13) 2-Methylphenol	8.122	108	879957	19.135	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.210	45	1008984	17.803	ng/ul	98
16) Acetophenone	8.505	105	1381561	19.115	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.493	70	669540	17.877	ng/ul	97
18) 4-Methylphenol	8.452	108	941752	18.891	ng/ul	96
19) Hexachloroethane	8.752	117	350054	17.695	ng/ul	91
22) Nitrobenzene	8.881	77	1036403	19.080	ng/ul	96
23) Isophorone	9.405	82	1933205	17.349	ng/ul	99
25) 2-Nitrophenol	9.587	139	521254	20.258	ng/ul	98
26) 2,4-Dimethylphenol	9.646	107	924445	18.469	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.887	93	1261578	18.166	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	848410	19.543	ng/ul	95
30) Naphthalene	10.516	128	2934640	19.016	ng/ul	100
32) 4-Chloroaniline	10.634	127	1129029	17.814	ng/ul	100
33) Hexachlorobutadiene	10.793	225	491172	18.838	ng/ul	98
34) Caprolactam	11.410	113	311026m	18.355	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	907022	17.874	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.134	142	1956016	18.543	ng/ul	99
37) 1-Methylnaphthalene	12.351	142	1928577	18.222	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	970794	21.089	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	591016	22.276	ng/ul	96
41) 2,4,6-Trichlorophenol	12.751	196	630218	20.170	ng/ul	97
42) 2,4,5-Trichlorophenol	12.822	196	646000	19.026	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	2448294	19.997	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	1888246	19.691	ng/ul	98
45) 2-Nitroaniline	13.404	65	515505	18.545	ng/ul	92
47) Dimethylphthalate	13.787	163	2275558	18.349	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	457925	18.576	ng/ul	98
50) Acenaphthylene	14.045	152	3015993	19.139	ng/ul	100
51) 3-Nitroaniline	14.234	138	483319	18.338	ng/ul	99
52) Acenaphthene	14.387	153	1956706	18.767	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	148556	11.937	ng/ul	99
55) 4-Nitrophenol	14.545	109	268198	14.891	ng/ul	98
56) Dibenzofuran	14.728	168	2593033	18.305	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	603402	16.682	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	487117	17.151	ng/ul	97
59) Diethylphthalate	15.157	149	2235964	17.473	ng/ul	99
61) Fluorene	15.375	166	2033524	17.827	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.375	204	1013251	18.339	ng/ul	99
63) 4-Nitroaniline	15.398	138	457764	18.245	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	229992	15.037	ng/ul	97
67) N-Nitrosodiphenylamine	15.587	169	1718350	21.779	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	592398	21.360	ng/ul	94
69) Hexachlorobenzene	16.375	284	624454	19.866	ng/ul	97
70) Atrazine	16.545	200	479780	19.260	ng/ul	98
71) Pentachlorophenol	16.722	266	360345	17.918	ng/ul	86
72) Phenanthrene	17.116	178	2808946	19.264	ng/ul	99
74) Anthracene	17.204	178	2872499	19.442	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	940179	25.519	ng/uL	97
76) Pentachlorobenzene	14.640	250	828751	23.095	ng/uL	98
77) Carbazole	17.475	167	2463362	19.553	ng/ul	99
78) Di-n-butylphthalate	18.045	149	3353273	19.347	ng/ul	100
80) Fluoranthene	19.133	202	2796197	21.248	ng/ul	99
82) Pyrene	19.498	202	2701624	20.010	ng/ul	99
83) Butylbenzylphthalate	20.404	149	1288549	20.206	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	594216	15.059	ng/ul	93
85) Benzo(a)anthracene	21.286	228	2611646	18.962	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1860373	20.013	ng/ul	98
87) Chrysene	21.351	228	2422380	18.829	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	3045147	19.102	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2589938	18.197	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2634205	18.861	ng/ul	99
93) Benzo(a)pyrene	24.110	252	2466314	18.502	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.557	276	3068178	19.974	ng/ul	98
95) Dibenzo(a,h)anthracene	27.615	278	2526072	20.143	ng/ul	98
96) Benzo(g,h,i)perylene	28.592	276	2455898	20.113	ng/ul	99

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

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