Quantitation Report (Qedit)

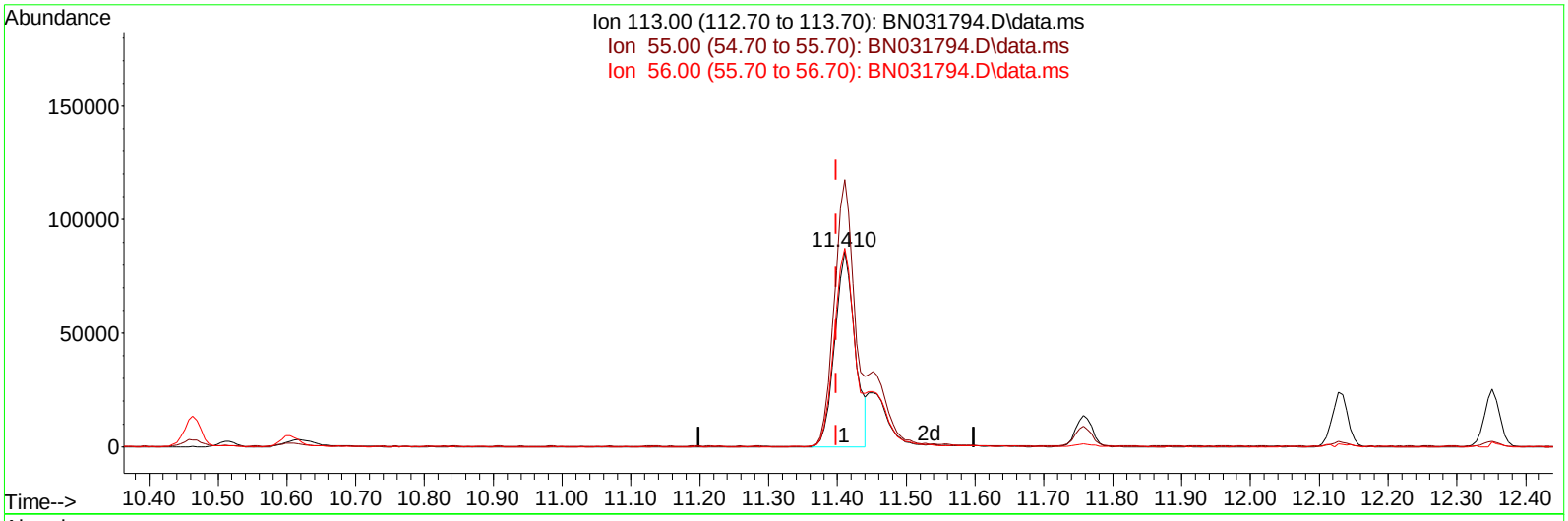
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031794.D
Acq On : 05 Jun 2024 03:24
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

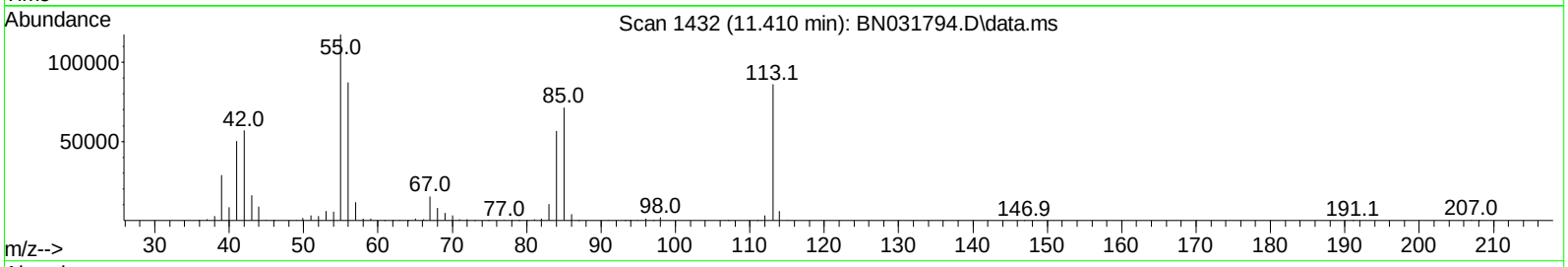
Quant Time: Jun 05 03:53:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

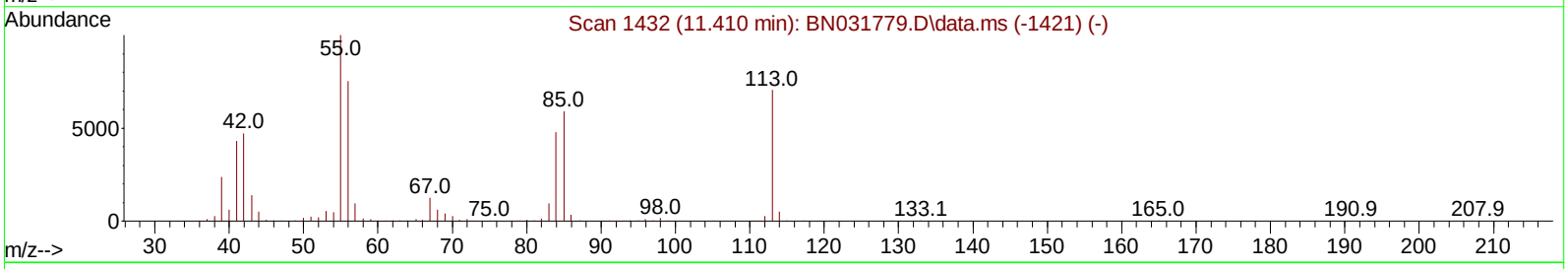
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BN031794.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 12.97 ng/ul

response 174179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	136.66
56.00	111.70	101.73
0.00	0.00	0.00

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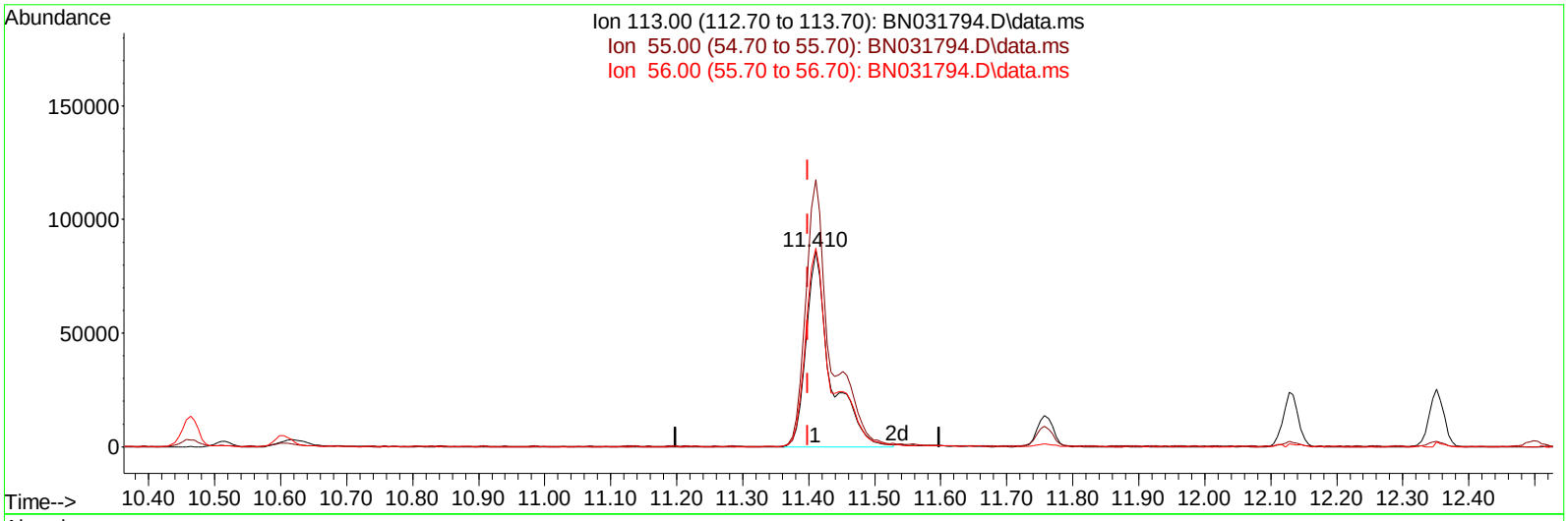

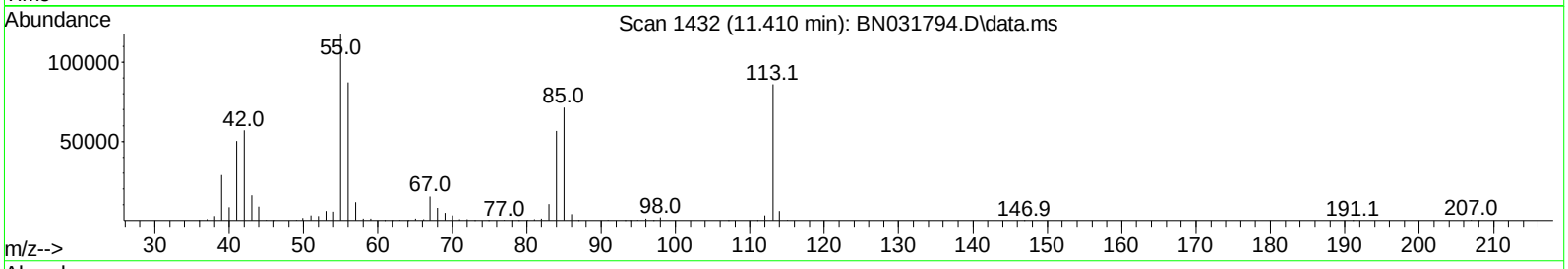

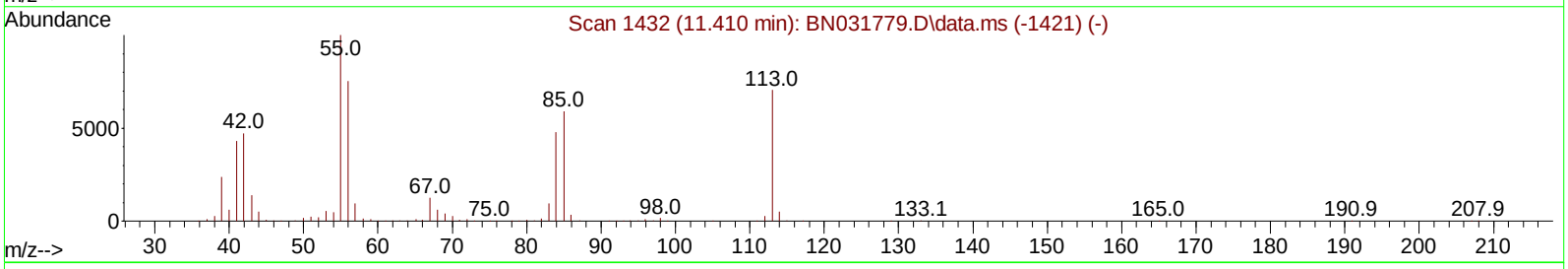

TIC: BN031794.D\data.ms

(34) Caprolactam

11.410min (+ 0.012) 16.65 ng/ul m

response 223568

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.50	136.66
56.00	111.70	101.73
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 05 03:54:51 2024
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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	550232	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	2362464	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1348601	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2390126	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1549005	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1736490	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	93491	7.029	ng/uL	0.00
4) Pyridine-d5	3.593	84	691043	18.458	ng/ul	0.00
7) Phenol-d5	6.852	99	963872	20.434	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	528337	19.149	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	749975	20.837	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	766936	19.946	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	385866	21.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.552	143	418819	22.446	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	727945	20.897	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	983204	19.010	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1824712	19.422	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2233712	20.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.534	143	337539	17.943	ng/ul	0.00
60) Fluorene-d10	15.316	176	1569780	19.747	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	179954	14.979	ng/ul	0.01
73) Anthracene-d10	17.169	188	2101169	20.534	ng/ul	0.00
81) Pyrene-d10	19.469	212	1883640	22.724	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.039	264	1678080	20.238	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	99740	7.009	ng/uL	98
5) Pyridine	3.617	79	696050	18.594	ng/ul	97
6) Benzaldehyde	6.828	77	421770	19.063	ng/ul	99
8) Phenol	6.881	94	998521	20.800	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.111	93	778463	19.611	ng/ul	97
12) 2-Chlorophenol	7.246	128	779115	20.686	ng/ul	98
13) 2-Methylphenol	8.122	108	752585	20.298	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	818360	17.909	ng/ul	99
16) Acetophenone	8.505	105	1161905	19.939	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.493	70	547470	18.130	ng/ul	96
18) 4-Methylphenol	8.452	108	798334	19.863	ng/ul	98
19) Hexachloroethane	8.746	117	226911	14.227	ng/ul	99
22) Nitrobenzene	8.881	77	873138	20.288	ng/ul	95
23) Isophorone	9.405	82	1519821	17.215	ng/ul	98
25) 2-Nitrophenol	9.587	139	439951	21.581	ng/ul	95
26) 2,4-Dimethylphenol	9.646	107	801416	20.208	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.887	93	1044918	18.991	ng/ul	99
29) 2,4-Dichlorophenol	10.116	162	710609	20.660	ng/ul	100
30) Naphthalene	10.516	128	2464899	20.160	ng/ul	99
32) 4-Chloroaniline	10.628	127	972735	19.372	ng/ul	100
33) Hexachlorobutadiene	10.787	225	400320	19.378	ng/ul	97
34) Caprolactam	11.410	113	223568m	16.652	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	767848	19.099	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	1617500	19.354	ng/ul	97
37) 1-Methylnaphthalene	12.351	142	1596502	19.039	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.498	216	802600	22.503	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	140607	6.840	ng/ul	98
41) 2,4,6-Trichlorophenol	12.746	196	539807	22.299	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	568506	21.611	ng/ul	96
43) 1,1'-Biphenyl	13.151	154	2065225	21.772	ng/ul	97
44) 2-Chloronaphthalene	13.193	162	1614281	21.728	ng/ul	99
45) 2-Nitroaniline	13.404	65	444920	20.659	ng/ul	93
47) Dimethylphthalate	13.787	163	1886233	19.631	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	397839	20.830	ng/ul	95
50) Acenaphthylene	14.045	152	2508199	20.544	ng/ul	99
51) 3-Nitroaniline	14.234	138	446932	21.886	ng/ul	100
52) Acenaphthene	14.387	153	1654565	20.482	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	137142	14.223	ng/ul	99
55) 4-Nitrophenol	14.551	109	300438	21.530	ng/ul	94
56) Dibenzofuran	14.722	168	2260958	20.600	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	542292	19.351	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	431224	19.597	ng/ul	98
59) Diethylphthalate	15.151	149	1805239	18.208	ng/ul	99
61) Fluorene	15.375	166	1780272	20.143	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	886817	20.716	ng/ul	98
63) 4-Nitroaniline	15.404	138	423449	21.783	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	199884	15.651	ng/ul	100
67) N-Nitrosodiphenylamine	15.587	169	1525732	23.159	ng/ul	98
68) 4-Bromophenyl-phenylether	16.263	248	531409	22.947	ng/ul	97
69) Hexachlorobenzene	16.369	284	548481	20.897	ng/ul	98
70) Atrazine	16.539	200	402382	19.344	ng/ul	98
71) Pentachlorophenol	16.722	266	305809	18.211	ng/ul	97
72) Phenanthrene	17.116	178	2487118	20.427	ng/ul	98
74) Anthracene	17.204	178	2534508	20.544	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	775519	25.209	ng/uL	99
76) Pentachlorobenzene	14.640	250	699441	23.342	ng/uL	98
77) Carbazole	17.475	167	2195073	20.866	ng/ul	97
78) Di-n-butylphthalate	18.045	149	2955340	20.420	ng/ul	99
80) Fluoranthene	19.133	202	2404570	24.273	ng/ul	98
82) Pyrene	19.498	202	2332412	22.948	ng/ul	98
83) Butylbenzylphthalate	20.404	149	1105686	23.033	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.216	252	434664	14.633	ng/ul	96
85) Benzo(a)anthracene	21.286	228	2096997	20.225	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	1603229	22.911	ng/ul	99
87) Chrysene	21.345	228	1998953	20.641	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	2548127	21.918	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2072446	19.967	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2021149	19.844	ng/ul	97
93) Benzo(a)pyrene	24.104	252	1998051	20.553	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.551	276	2410242	21.516	ng/ul	99
95) Dibenzo(a,h)anthracene	27.609	278	2009185	21.969	ng/ul	97
96) Benzo(g,h,i)perylene	28.586	276	1903977	21.381	ng/ul	98

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

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