Quantitation Report (Qedit)

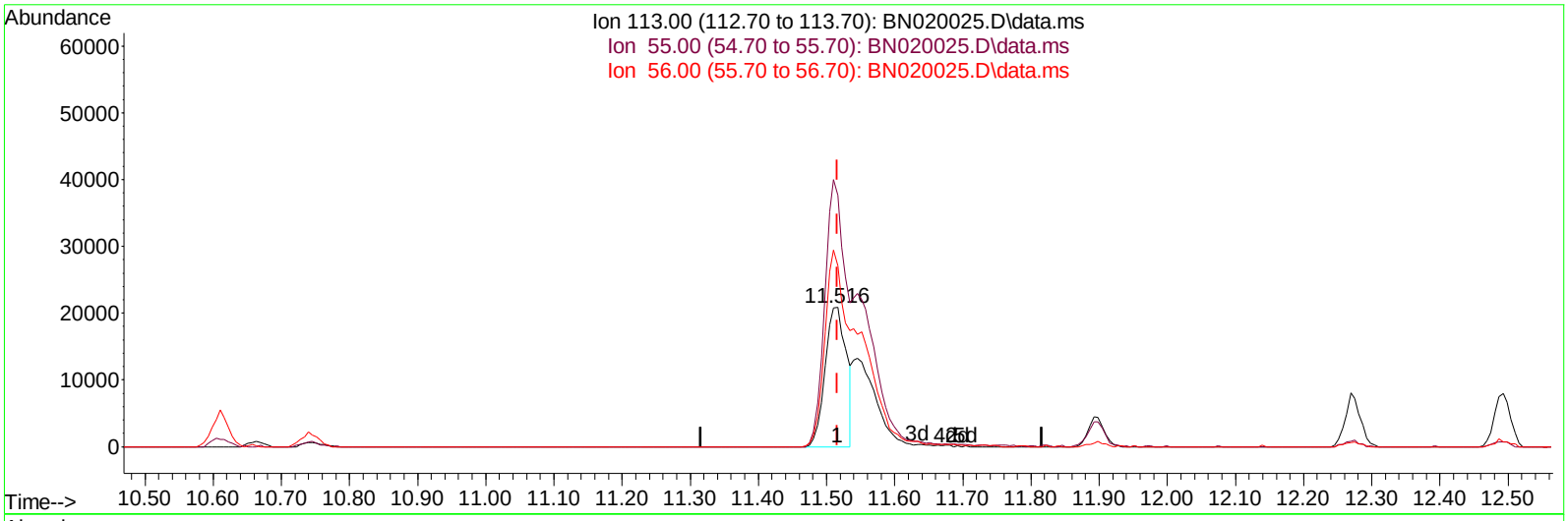
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020025.D
Acq On : 07 Jun 2022 08:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

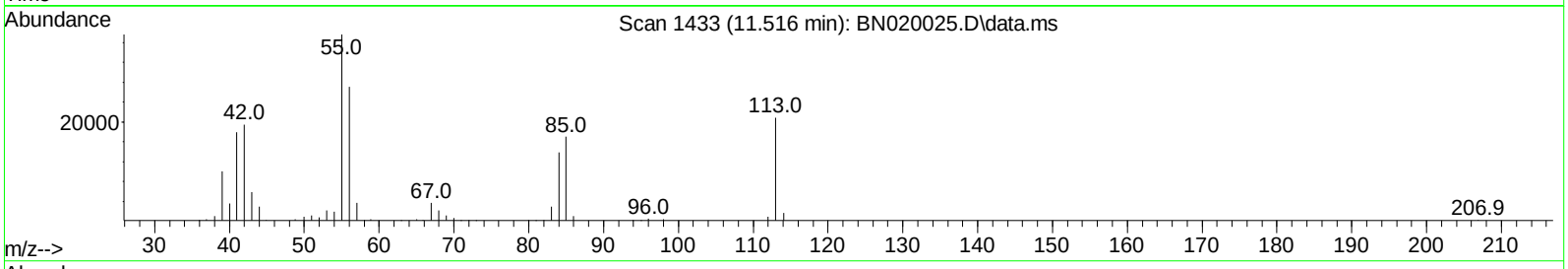
Quant Time: Jun 07 15:35:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

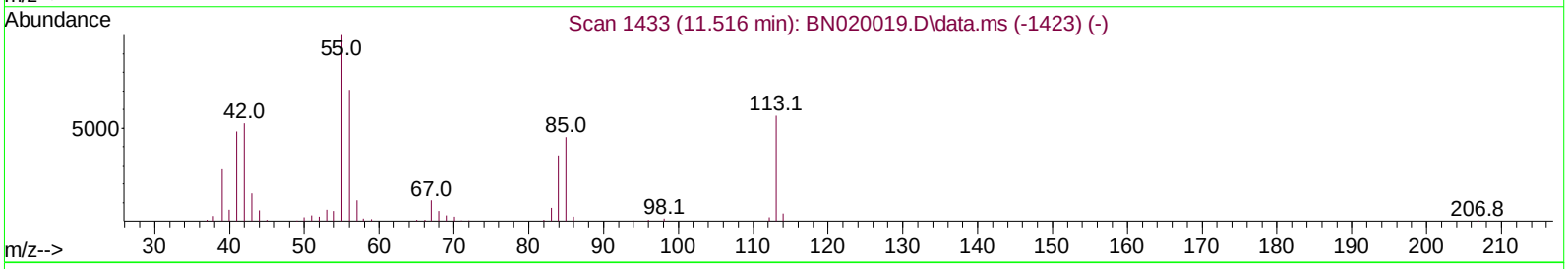
Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
Supervised By :mohammad ahmed 06/09/2022







TIC: BN020025.D\data.ms

(34) Caprolactam

11.516min (+ 0.000) 11.25 ng/ul

response 44901

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.09
56.00	133.10	129.59
0.00	0.00	0.00

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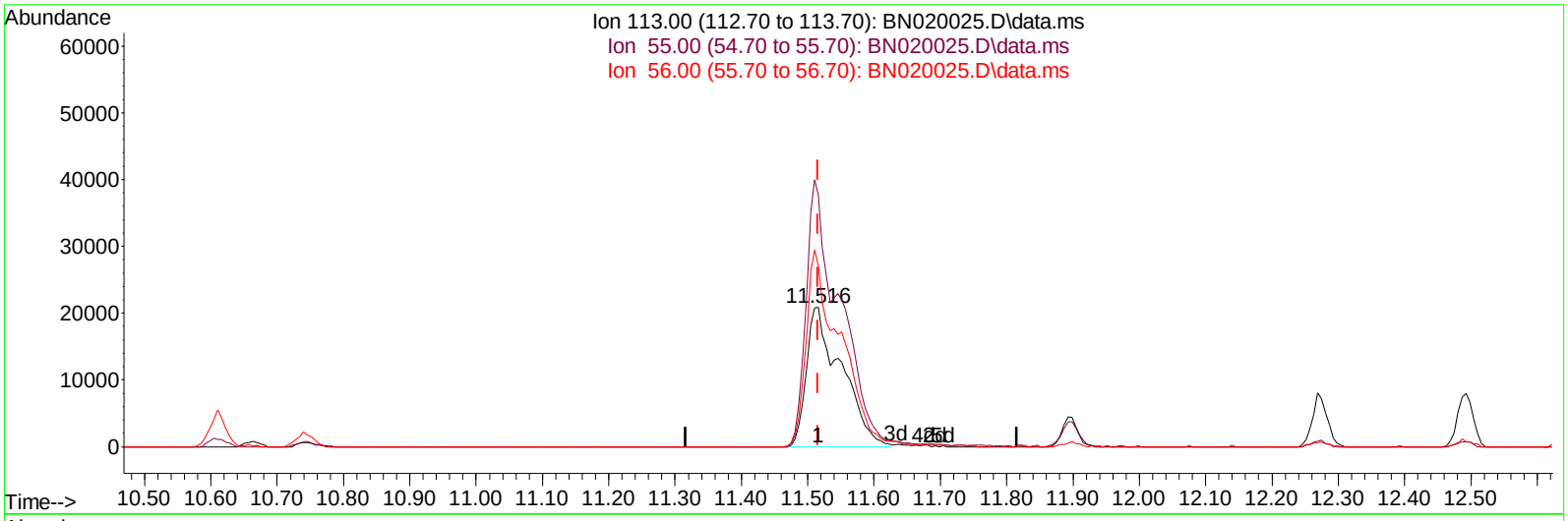

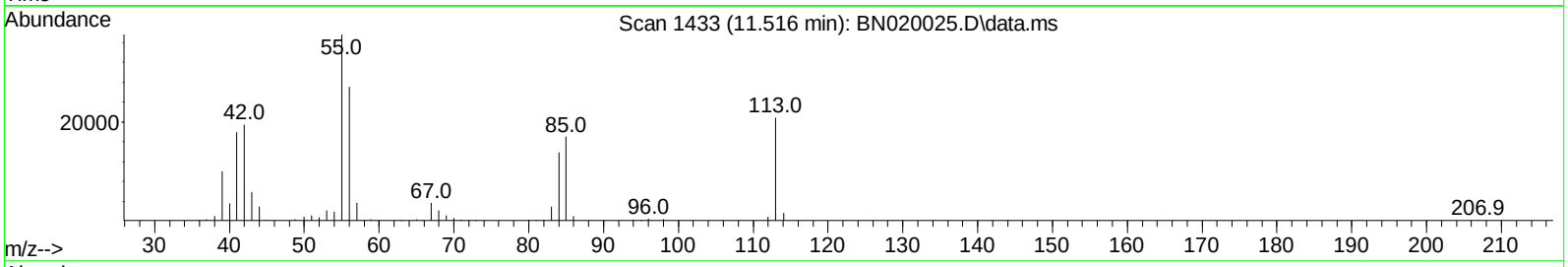

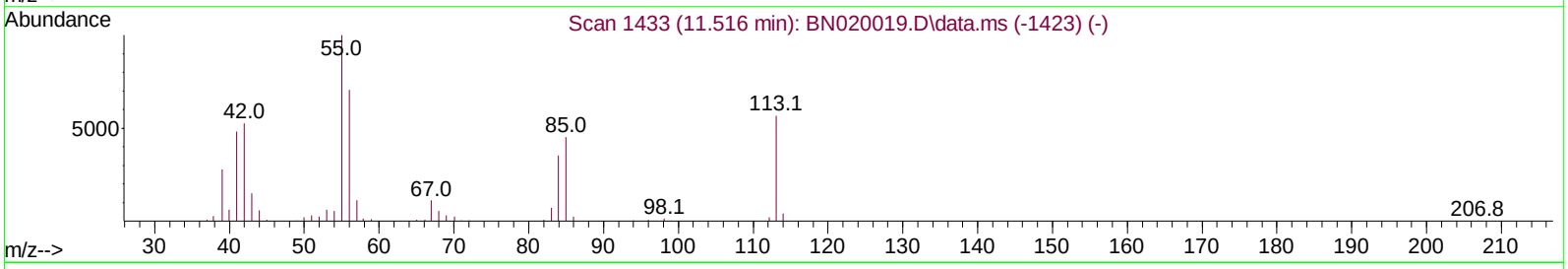

TIC: BN020025.D\data.ms

(34) Caprolactam

11.516min (+ 0.000) 19.19 ng/ul m

response 76619

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.09
56.00	133.10	129.59
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	150009	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	701103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	453863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	969666	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	935116	20.000	ng/ul	0.00
88) Perylene-d12	23.710	264	983753	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	26700	7.709	ng/uL	0.00
4) Pyridine-d5	3.687	84	182515	19.280	ng/ul	0.00
7) Phenol-d5	6.987	99	237950	19.170	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	153639	19.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	201263	19.955	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	209699	19.527	ng/ul	0.00
21) Nitrobenzene-d5	8.975	128	105905	19.855	ng/ul	0.00
24) 2-Nitrophenol-d4	9.693	143	111222	19.648	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	195320	19.765	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	316450	19.775	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	665819	20.162	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	775050	20.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	132903	20.084	ng/ul	0.00
60) Fluorene-d10	15.439	176	567141	20.754	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	109529	19.500	ng/ul	0.00
73) Anthracene-d10	17.286	188	875800	20.695	ng/ul	0.00
81) Pyrene-d10	19.586	212	964530	19.026	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.563	264	963470	20.017	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	28254	7.728	ng/uL	94
5) Pyridine	3.705	79	190676	19.214	ng/ul	89
6) Benzaldehyde	6.958	77	144253	24.664	ng/ul	94
8) Phenol	7.016	94	258701	19.572	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.246	93	206229	19.935	ng/ul	98
12) 2-Chlorophenol	7.381	128	207198	19.654	ng/ul	99
13) 2-Methylphenol	8.263	108	198658	19.550	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.352	45	322752	19.896	ng/ul	98
16) Acetophenone	8.640	105	336242	20.588	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	169380	20.302	ng/ul#	94
18) 4-Methylphenol	8.587	108	224334	20.003	ng/ul	100
19) Hexachloroethane	8.899	117	83532	19.692	ng/ul	88
22) Nitrobenzene	9.016	77	241714	19.545	ng/ul	94
23) Isophorone	9.540	82	480592	19.682	ng/ul	100
25) 2-Nitrophenol	9.728	139	124176	19.852	ng/ul	96
26) 2,4-Dimethylphenol	9.787	107	255456	19.713	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	291910	19.535	ng/ul	97
29) 2,4-Dichlorophenol	10.257	162	205419	20.096	ng/ul	98
30) Naphthalene	10.663	128	716240	19.712	ng/ul	100
32) 4-Chloroaniline	10.769	127	317092	19.810	ng/ul	99
33) Hexachlorobutadiene	10.957	225	115800	19.731	ng/ul	98
34) Caprolactam	11.516	113	76619m	19.194	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	246046	20.385	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	495955	20.189	ng/ul	99
37) 1-Methylnaphthalene	12.493	142	499631	19.931	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.645	216	227331	19.639	ng/ul	96
40) Hexachlorocyclopentadiene	12.634	237	130974	18.600	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	163326	20.463	ng/ul	96
42) 2,4,5-Trichlorophenol	12.951	196	176244	19.938	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	671305	19.975	ng/ul	97
44) 2-Chloronaphthalene	13.322	162	507631	19.911	ng/ul	96
45) 2-Nitroaniline	13.522	65	162500	20.487	ng/ul	96
47) Dimethylphthalate	13.904	163	670466	20.168	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	133486	20.536	ng/ul	99
50) Acenaphthylene	14.169	152	857651	20.227	ng/ul	99
51) 3-Nitroaniline	14.351	138	145999	21.247	ng/ul	96
52) Acenaphthene	14.516	153	547049	19.752	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	74863	17.989	ng/ul	98
55) 4-Nitrophenol	14.657	109	111792	19.791	ng/ul	98
56) Dibenzofuran	14.845	168	792636	20.314	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	202907	21.083	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	140142	20.196	ng/ul	92
59) Diethylphthalate	15.275	149	697165	20.369	ng/ul	98
61) Fluorene	15.498	166	623971	20.551	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	289167	20.680	ng/ul	93
63) 4-Nitroaniline	15.510	138	146382	22.797	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.575	198	113001	19.843	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	560007	20.145	ng/ul	98
68) 4-Bromophenyl-phenylether	16.381	248	170388	20.178	ng/ul#	90
69) Hexachlorobenzene	16.504	284	185231	19.083	ng/ul#	87
70) Atrazine	16.651	200	198954	20.512	ng/ul	95
71) Pentachlorophenol	16.845	266	116435	19.259	ng/ul	99
72) Phenanthrene	17.233	178	1023010	19.991	ng/ul	99
74) Anthracene	17.322	178	1045410	20.317	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.251	216	240477	18.520	ng/uL	98
76) Pentachlorobenzene	14.775	250	226781	19.761	ng/uL	95
77) Carbazole	17.592	167	966109	20.638	ng/ul	96
78) Di-n-butylphthalate	18.163	149	1210722	20.858	ng/ul	100
80) Fluoranthene	19.251	202	1191389	19.459	ng/ul	99
82) Pyrene	19.616	202	1232304	19.618	ng/ul	97
83) Butylbenzylphthalate	20.522	149	556514	19.686	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.298	252	395658	22.153	ng/ul#	98
85) Benzo(a)anthracene	21.369	228	1122666	19.012	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	814330	20.416	ng/ul	98
87) Chrysene	21.421	228	1154688	19.988	ng/ul	97
89) Di-n-octyl phthalate	22.210	149	1438397	17.965	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1186705	19.220	ng/ul	96
91) Benzo(k)fluoranthene	23.051	252	1166897	19.854	ng/ul	95
93) Benzo(a)pyrene	23.610	252	1186078	19.846	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.109	276	1318582	21.444	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	1116387	21.256	ng/ul	98
96) Benzo(g,h,i)perylene	26.839	276	1128753	21.738	ng/ul	96

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

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