Quantitation Report (Qedit)

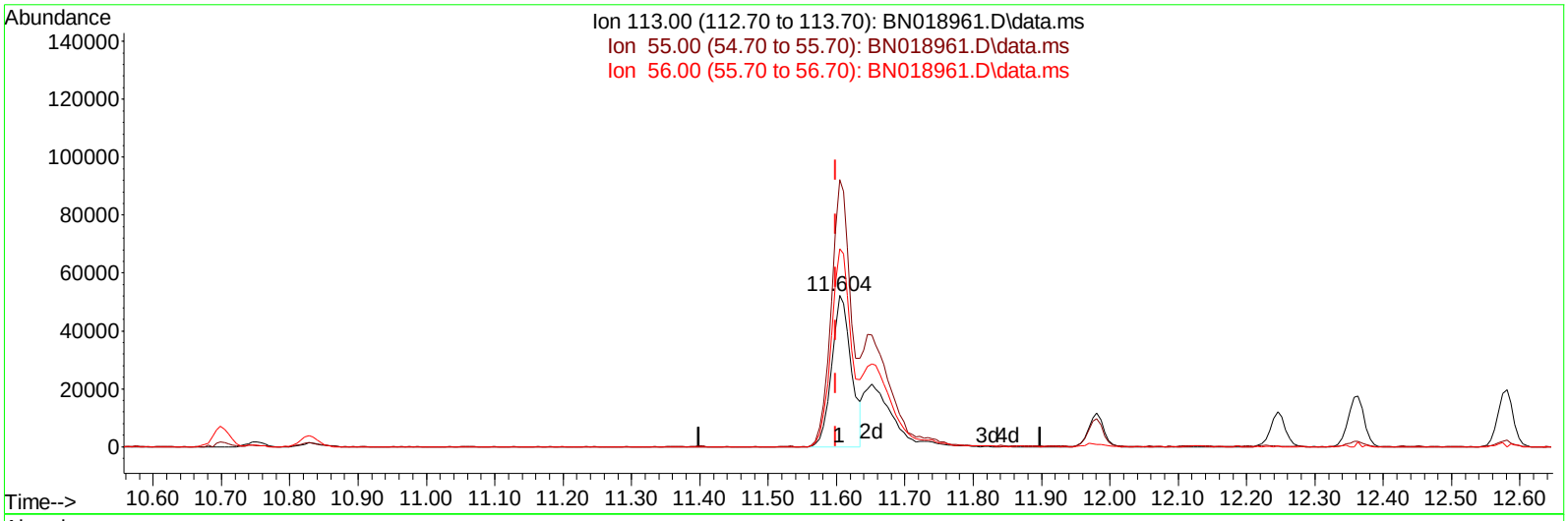
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
Data File : BN018961.D
Acq On : 15 Mar 2022 23:09
Operator : CG/JU
Sample : N1818-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

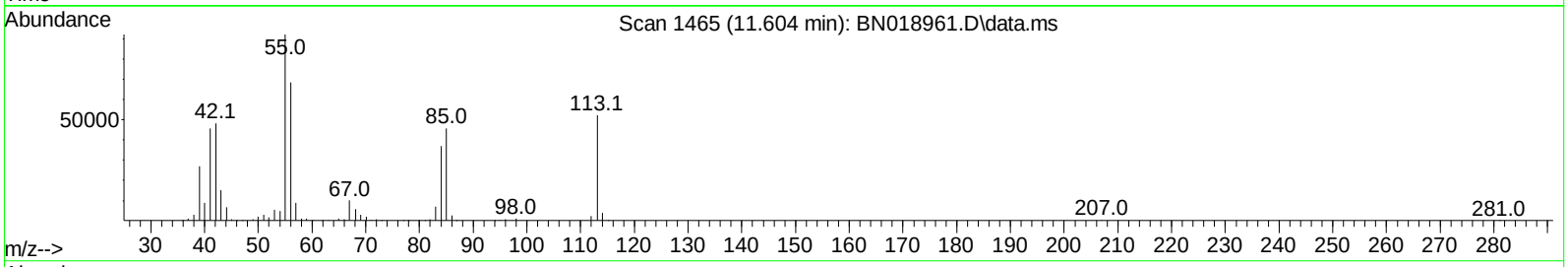
Quant Time: Mar 16 03:57:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 15 15:17:15 2022
Response via : Initial Calibration

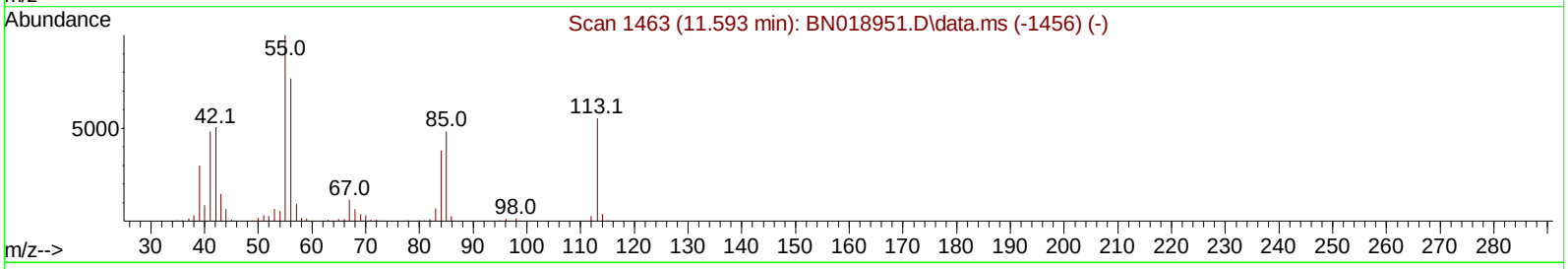
Instrument :
BNA_N
ClientSampleId :
DBSF4MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/16/2022
Supervised By :Yogesh Patel 03/18/2022







TIC: BN018961.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 23.47 ng/ul

response 103850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	176.42
56.00	133.10	130.98
0.00	0.00	0.00

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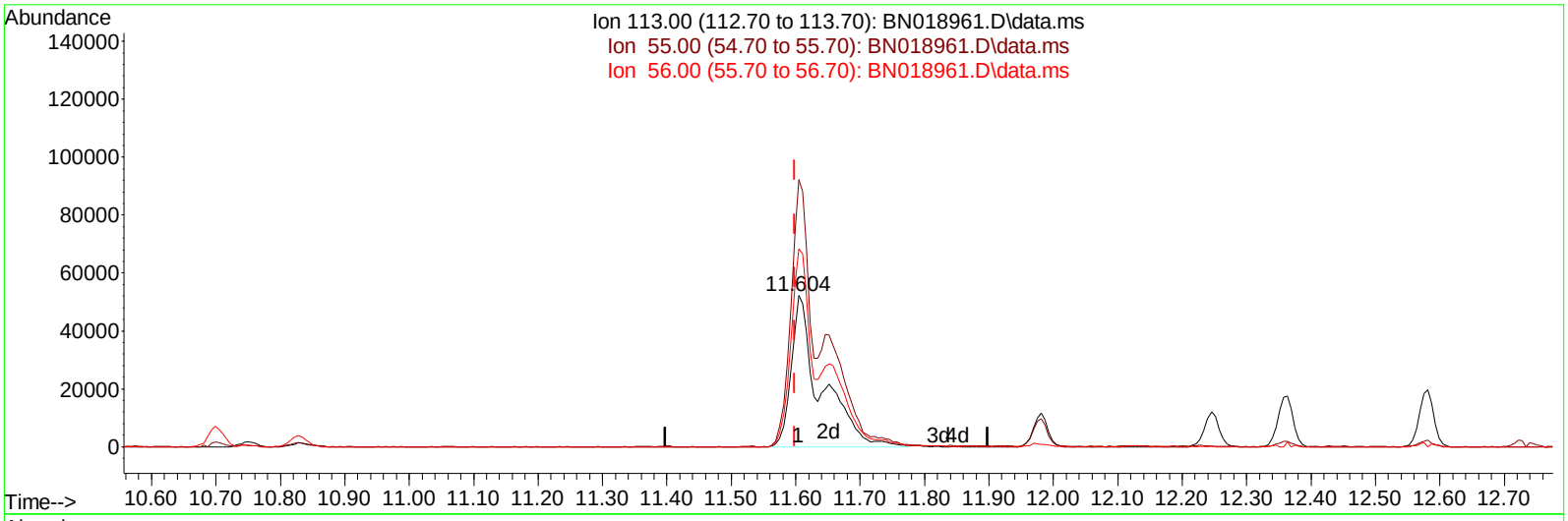

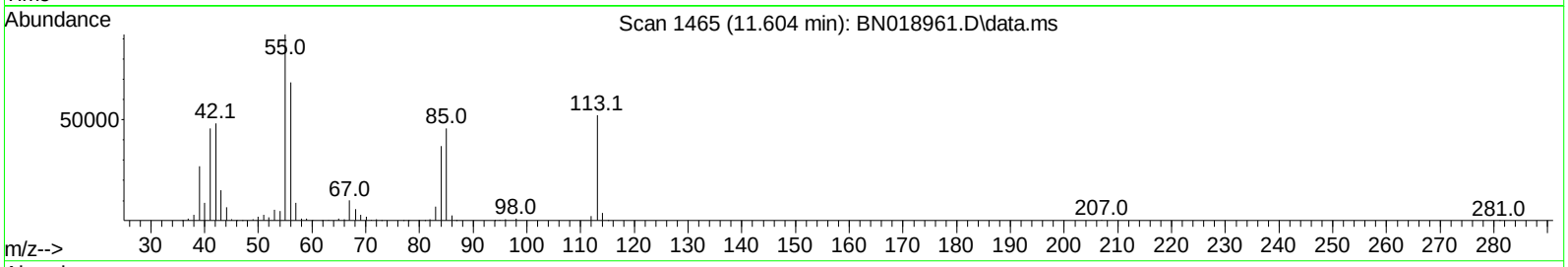

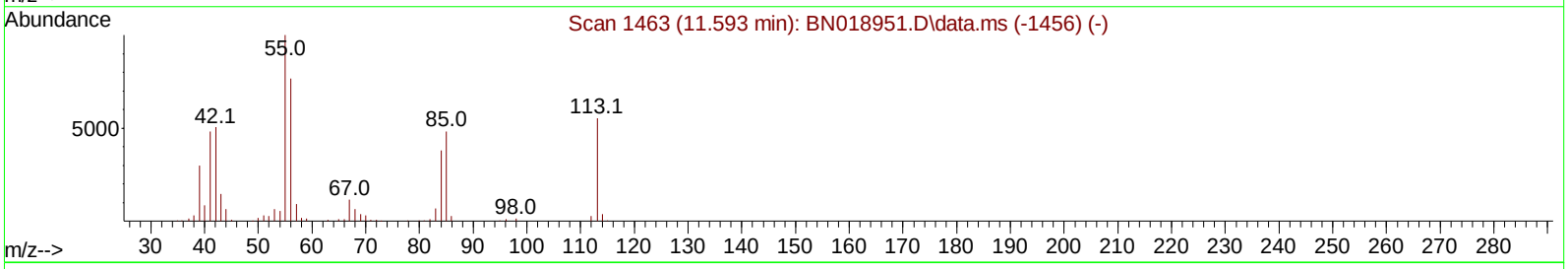

TIC: BN018961.D\data.ms

(34) Caprolactam

11.604min (+ 0.006) 37.63 ng/ul m

response 166500

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	176.42
56.00	133.10	130.98
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	7.893	152	204475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	875609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	557264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1172302	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	1088585	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	979768	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	27585	5.624	ng/uL	0.00
4) Pyridine-d5	3.681	84	361838	27.750	ng/ul	0.00
7) Phenol-d5	7.052	99	550346	31.396	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	333927	30.666	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	422760	31.632	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	442295	31.462	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	210565	31.461	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	238671	32.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	437116	32.349	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	533928	28.666	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1303666	31.709	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1595041	31.435	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	240777	31.903	ng/ul	0.00
60) Fluorene-d10	15.522	176	1078353	31.350	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	215426	29.942	ng/ul	0.00
73) Anthracene-d10	17.369	188	1698241	31.259	ng/ul	0.00
81) Pyrene-d10	19.657	212	1964134	28.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1599880	32.016	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	67650	13.749	ng/uL	95
5) Pyridine	3.699	79	478532	34.950	ng/ul	99
6) Benzaldehyde	7.022	77	410075	43.667	ng/ul	99
8) Phenol	7.075	94	666575	37.798	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.310	93	512756	36.356	ng/ul	98
12) 2-Chlorophenol	7.452	128	500637	36.601	ng/ul	95
13) 2-Methylphenol	8.334	108	491123	37.123	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	748544	36.330	ng/ul	99
16) Acetophenone	8.716	105	771905	36.805	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.704	70	409834	36.827	ng/ul	100
18) 4-Methylphenol	8.663	108	534263	37.168	ng/ul	94
19) Hexachloroethane	8.981	117	202041	35.443	ng/ul	98
22) Nitrobenzene	9.093	77	604495	36.618	ng/ul	99
23) Isophorone	9.622	82	1151061	36.713	ng/ul	98
25) 2-Nitrophenol	9.810	139	295829	38.315	ng/ul	99
26) 2,4-Dimethylphenol	9.869	107	596102	36.464	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.104	93	697562	36.133	ng/ul	98
29) 2,4-Dichlorophenol	10.346	162	487765	36.647	ng/ul	99
30) Naphthalene	10.751	128	1586567	35.692	ng/ul	100
32) 4-Chloroaniline	10.851	127	622710	33.522	ng/ul	100
33) Hexachlorobutadiene	11.046	225	320340	36.263	ng/ul	98
34) Caprolactam	11.604	113	166500m	37.635	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	558316	37.230	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	1093398	35.820	ng/ul	97
37) 1-Methylnaphthalene	12.581	142	1116598	36.147	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	591508	35.849	ng/ul	99
40) Hexachlorocyclopentadiene	12.716	237	320375	33.722	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	392887	37.706	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	442146	38.356	ng/ul	99
43) 1,1'-Biphenyl	13.369	154	1495133	36.281	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	1150571	36.196	ng/ul	98
45) 2-Nitroaniline	13.604	65	377040	39.066	ng/ul	98
47) Dimethylphthalate	13.987	163	1461335	36.379	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	311436	39.260	ng/ul	93
50) Acenaphthylene	14.251	152	1831067	36.199	ng/ul	99
51) 3-Nitroaniline	14.428	138	300693	36.789	ng/ul	98
52) Acenaphthene	14.592	153	1187461	36.366	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	177260	34.882	ng/ul	98
55) 4-Nitrophenol	14.734	109	241769	38.062	ng/ul	96
56) Dibenzofuran	14.928	168	1707028	36.194	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	445888	38.575	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.151	232	344346	37.049	ng/ul	100
59) Diethylphthalate	15.345	149	1499078	37.069	ng/ul	99
61) Fluorene	15.575	166	1306787	35.511	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	663588	35.530	ng/ul	96
63) 4-Nitroaniline	15.586	138	316141	40.334	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	255627	36.172	ng/ul	99
67) N-Nitrosodiphenylamine	15.781	169	1196335	35.652	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	428162	36.653	ng/ul	98
69) Hexachlorobenzene	16.586	284	479038	35.980	ng/ul	97
70) Atrazine	16.728	200	457112	36.432	ng/ul	99
71) Pentachlorophenol	16.922	266	283609	35.073	ng/ul	95
72) Phenanthrene	17.310	178	2203271	35.821	ng/ul	99
74) Anthracene	17.404	178	2171015	35.224	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	622106	35.273	ng/uL	98
76) Pentachlorobenzene	14.851	250	585560	36.396	ng/uL	92
77) Carbazole	17.669	167	1986813	37.147	ng/ul	96
78) Di-n-butylphthalate	18.233	149	2524129	37.734	ng/ul	99
80) Fluoranthene	19.327	202	2620126	33.336	ng/ul	99
82) Pyrene	19.686	202	2627660	32.988	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1160351	36.544	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	770962	36.069	ng/ul	99
85) Benzo(a)anthracene	21.433	228	2468556	35.454	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.357	149	1645977	36.099	ng/ul	99
87) Chrysene	21.486	228	2443080	36.268	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2934854	37.057	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	2413099	37.076	ng/ul	97
91) Benzo(k)fluoranthene	23.157	252	2241142	37.066	ng/ul	98
93) Benzo(a)pyrene	23.733	252	2199243	36.665	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.315	276	2129644	34.391	ng/ul	97
95) Dibenzo(a,h)anthracene	26.333	278	1819593	34.081	ng/ul	98
96) Benzo(g,h,i)perylene	27.074	276	1752189	33.382	ng/ul	98

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

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