Quantitation Report (Qedit)

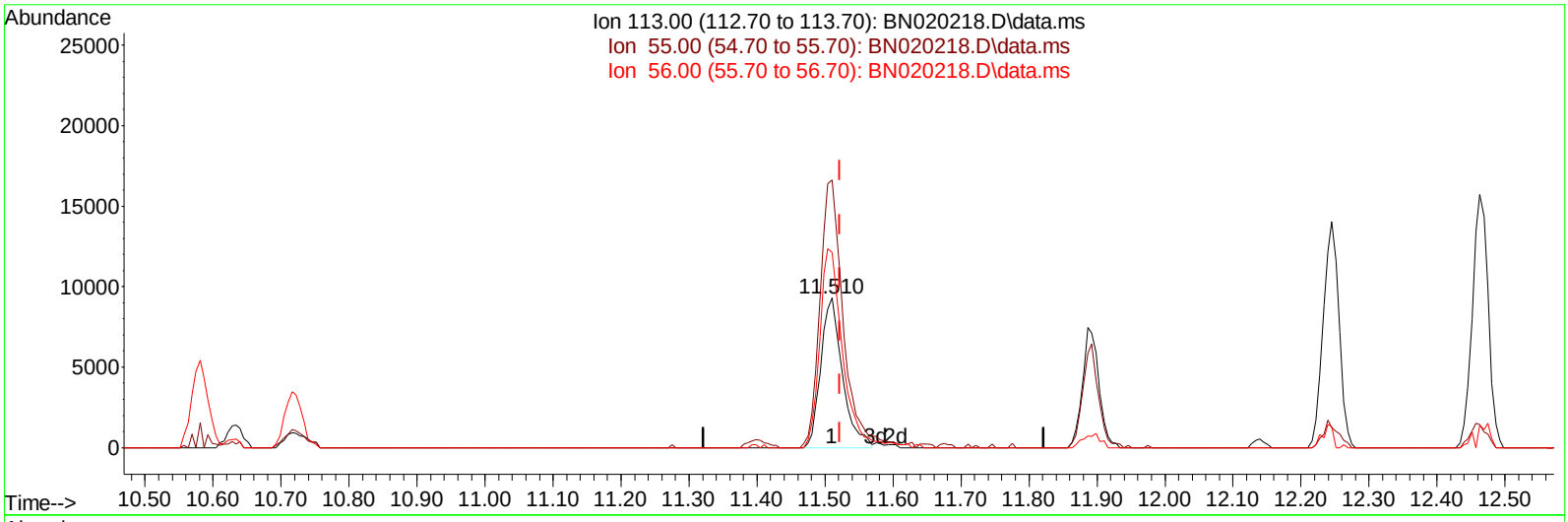
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
Data File : BN020218.D
Acq On : 16 Jun 2022 23:21
Operator : CG/JU
Sample : N3294-14MSD
Misc :
ALS Vial : 53 Sample Multiplier: 1

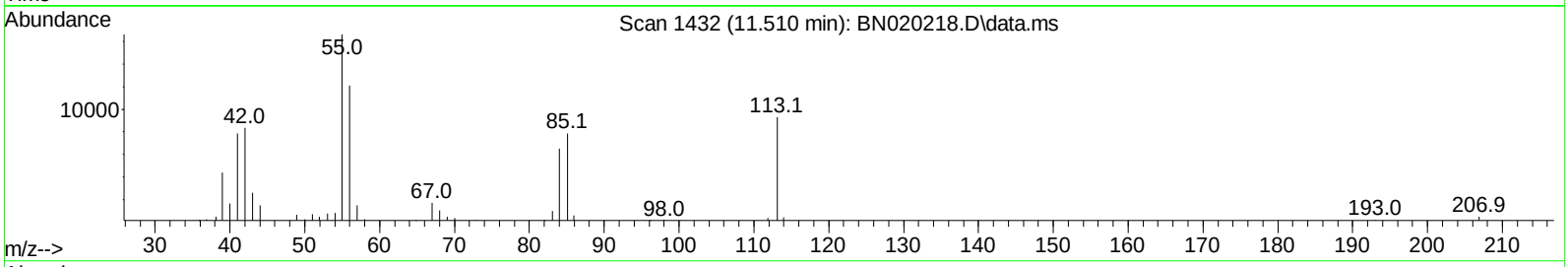
Quant Time: Jun 17 02:29:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 16 00:50:14 2022
Response via : Initial Calibration

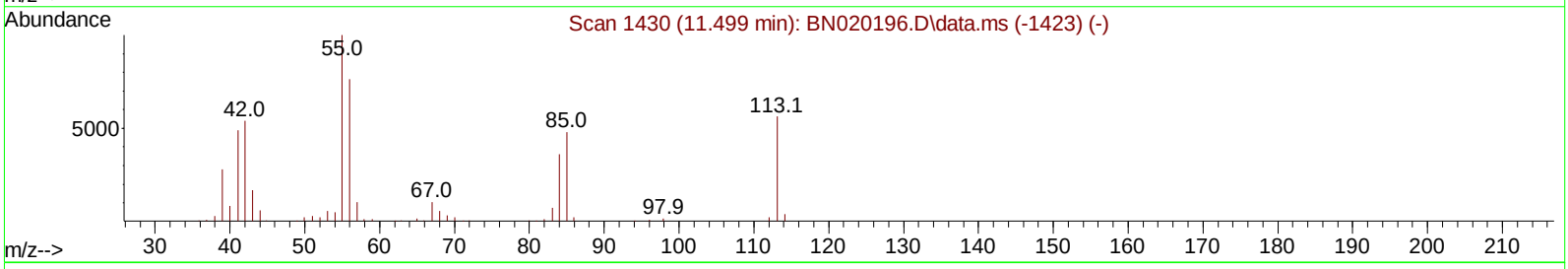
Instrument :
BNA_N
ClientSampleId :
EW4Q7MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
Supervised By :mohammad ahmed 06/22/2022







TIC: BN020218.D\data.ms

(34) Caprolactam

11.510min (-0.012) 5.06 ng/ul

response 20431

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	178.82
56.00	133.10	130.34
0.00	0.00	0.00

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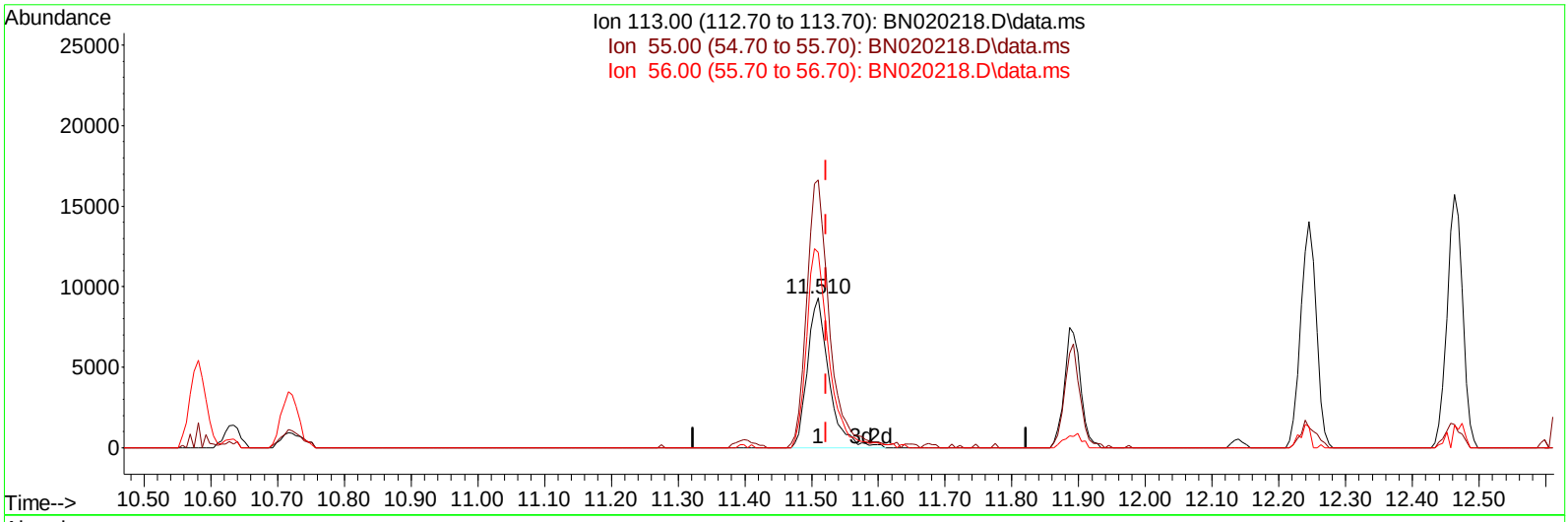

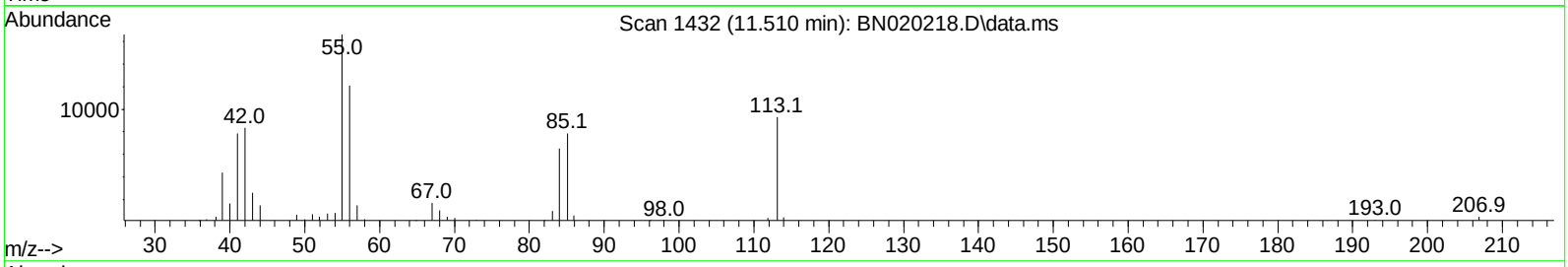

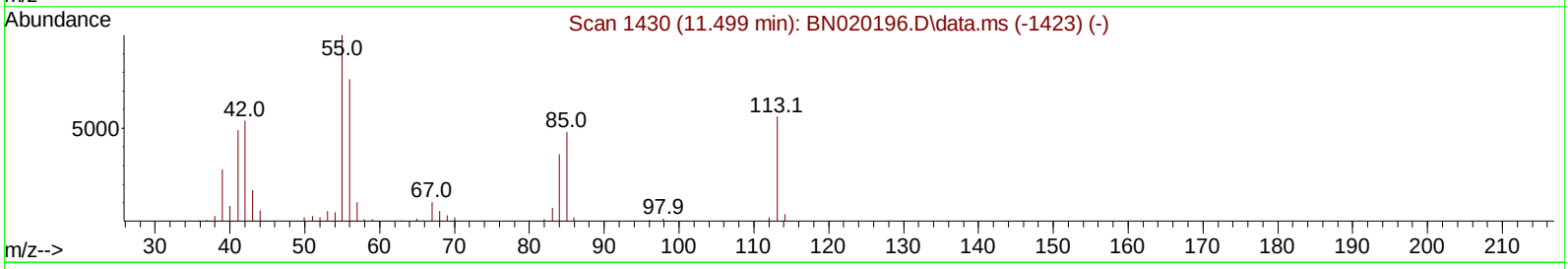

TIC: BN020218.D\data.ms

(34) Caprolactam

11.510min (-0.012) 5.17 ng/ul m

response 20865

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	178.82
56.00	133.10	130.34
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	7.793	152	150382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	708878	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	449122	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	953034	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	808184	20.000	ng/ul	0.00
88) Perylene-d12	23.662	264	732501	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	16503	4.753	ng/uL	0.00
4) Pyridine-d5	3.669	84	101563	10.702	ng/ul	0.00
7) Phenol-d5	6.987	99	102328	8.223	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	283439	36.457	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	297043	29.379	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	203418	18.895	ng/ul	0.02
21) Nitrobenzene-d5	8.946	128	198933	36.887	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	216637	37.851	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	345232	34.552	ng/ul	0.01
31) 4-Chloroaniline-d4	10.716	131	506611	31.310	ng/ul	0.00
46) Dimethylphthalate-d6	13.839	166	1307301	40.004	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1468016	38.737	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	52882	8.076	ng/ul	0.04
60) Fluorene-d10	15.416	176	1068517	39.514	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	236010	42.751	ng/ul	0.00
73) Anthracene-d10	17.263	188	1640539	39.443	ng/ul	0.00
81) Pyrene-d10	19.557	212	1874586	42.786	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1491503	41.616	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	20707	5.649	ng/uL#	93
5) Pyridine	3.687	79	117749	11.836	ng/ul	94
6) Benzaldehyde	6.934	77	262559	44.780	ng/ul	94
8) Phenol	7.016	94	115949	8.751	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.216	93	380073	36.648	ng/ul	99
12) 2-Chlorophenol	7.369	128	306211	28.974	ng/ul	98
13) 2-Methylphenol	8.257	108	235781	23.146	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	589428	36.244	ng/ul	98
16) Acetophenone	8.610	105	626109	38.242	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.599	70	317902	38.010	ng/ul	95
18) 4-Methylphenol	8.581	108	221332	19.686	ng/ul	95
19) Hexachloroethane	8.869	117	147864	34.771	ng/ul	88
22) Nitrobenzene	8.987	77	456674	36.521	ng/ul	95
23) Isophorone	9.516	82	924084	37.429	ng/ul	100
25) 2-Nitrophenol	9.698	139	232490	36.761	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	375401	28.651	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.998	93	554931	36.729	ng/ul	98
29) 2,4-Dichlorophenol	10.246	162	360709	34.900	ng/ul	98
30) Naphthalene	10.634	128	1311191	35.690	ng/ul	99
32) 4-Chloroaniline	10.740	127	518377	32.030	ng/ul	98
33) Hexachlorobutadiene	10.928	225	206021	34.719	ng/ul	99
34) Caprolactam	11.510	113	20865m	5.170	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	407960	33.429	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.245	142	924158	37.208	ng/ul	96
37) 1-Methylnaphthalene	12.463	142	958881	37.831	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	425103	37.112	ng/ul	96
40) Hexachlorocyclopentadiene	12.604	237	170623	24.487	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	314327	39.797	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	344080	39.335	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1268695	38.149	ng/ul	97
44) 2-Chloronaphthalene	13.298	162	958292	37.983	ng/ul	97
45) 2-Nitroaniline	13.504	65	344666	43.913	ng/ul	95
47) Dimethylphthalate	13.887	163	1290491	39.228	ng/ul	98
48) 2,6-Dinitrotoluene	14.004	165	282535	43.926	ng/ul	98
50) Acenaphthylene	14.145	152	1603145	38.208	ng/ul	99
51) 3-Nitroaniline	14.328	138	282333	41.520	ng/ul	99
52) Acenaphthene	14.486	153	1049775	38.303	ng/ul	98
53) 2,4-Dinitrophenol	14.539	184	169704	41.209	ng/ul	97
55) 4-Nitrophenol	14.686	109	47147	8.435	ng/ul	96
56) Dibenzofuran	14.822	168	1487912	38.535	ng/ul	95
57) 2,4-Dinitrotoluene	14.786	165	412023	43.263	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	280833	40.898	ng/ul	95
59) Diethylphthalate	15.251	149	1352117	39.921	ng/ul	100
61) Fluorene	15.469	166	1162724	38.699	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.463	204	537511	38.847	ng/ul	90
63) 4-Nitroaniline	15.492	138	290566	45.729	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.557	198	235994	42.164	ng/ul	98
67) N-Nitrosodiphenylamine	15.681	169	1090144	39.900	ng/ul	97
68) 4-Bromophenyl-phenylether	16.357	248	331213	39.907	ng/ul#	86
69) Hexachlorobenzene	16.480	284	378585	39.683	ng/ul#	89
70) Atrazine	16.633	200	382988	40.175	ng/ul	96
71) Pentachlorophenol	16.822	266	233730	39.335	ng/ul	97
72) Phenanthrene	17.204	178	1959500	38.960	ng/ul	99
74) Anthracene	17.298	178	1960906	38.774	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	464734	36.415	ng/uL	97
76) Pentachlorobenzene	14.745	250	436200	38.673	ng/uL	95
77) Carbazole	17.569	167	1916910	41.664	ng/ul	98
78) Di-n-butylphthalate	18.139	149	2378901	41.698	ng/ul	100
80) Fluoranthene	19.227	202	2299861	43.463	ng/ul	98
82) Pyrene	19.586	202	2290591	42.193	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	1145475	46.884	ng/ul#	94
84) 3,3'-Dichlorobenzidine	21.268	252	560789	36.330	ng/ul#	99
85) Benzo(a)anthracene	21.339	228	2094235	41.036	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1595727	46.290	ng/ul	97
87) Chrysene	21.392	228	2082279	41.705	ng/ul	98
89) Di-n-octyl phthalate	22.174	149	2863561	48.031	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	2042794	44.435	ng/ul#	95
91) Benzo(k)fluoranthene	23.015	252	1836943	41.974	ng/ul	95
93) Benzo(a)pyrene	23.568	252	1821447	40.931	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.045	276	1872352	40.894	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.056	278	1614540	41.285	ng/ul	96
96) Benzo(g,h,i)perylene	26.768	276	1604674	41.503	ng/ul#	94

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

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