Quantitation Report (Qedit)

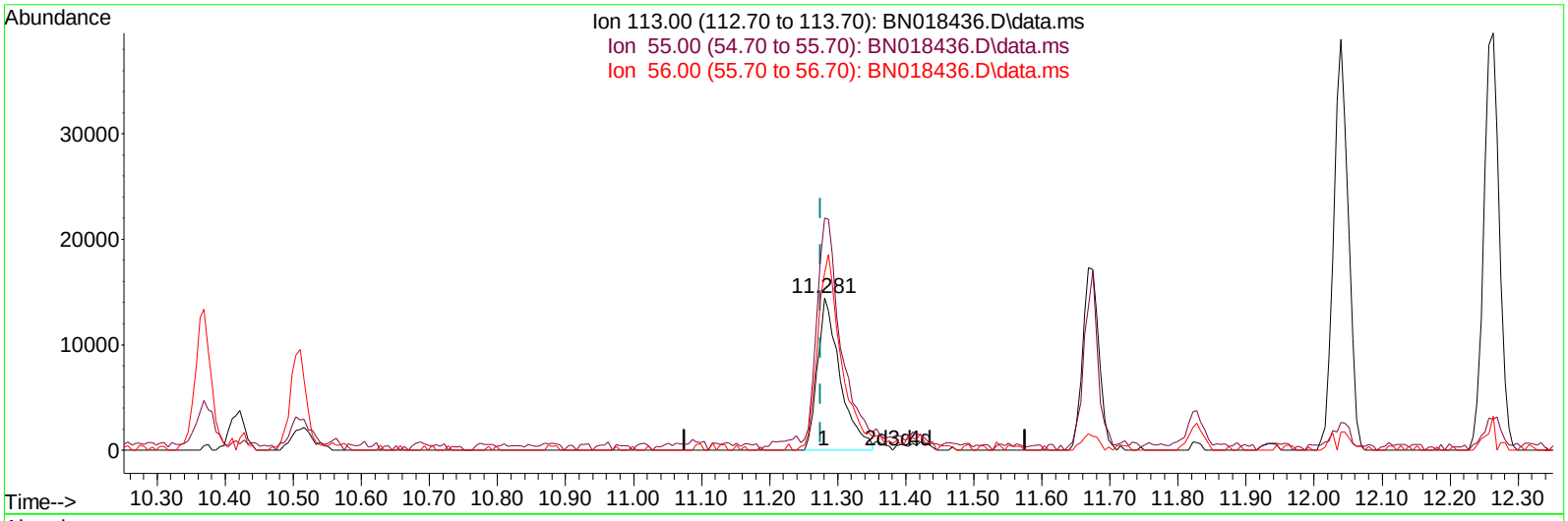
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012022\
Data File : BN018436.D
Acq On : 20 Jan 2022 13:20
Operator : CG/JU
Sample : N1193-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

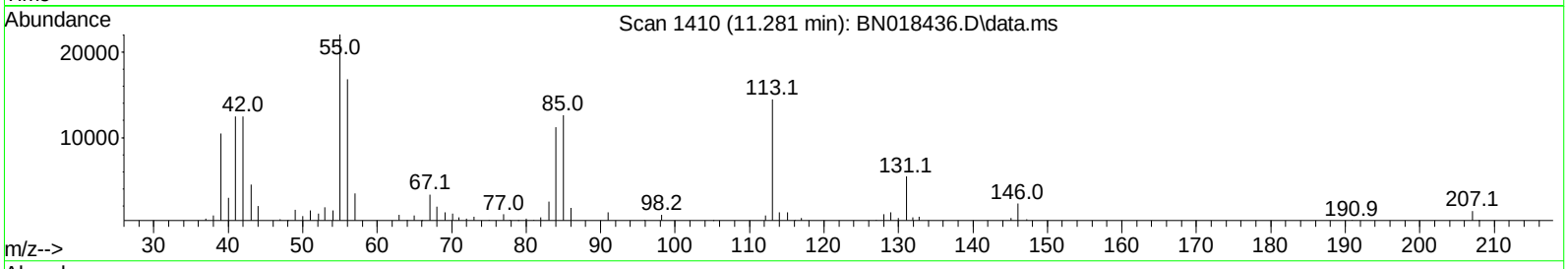
Quant Time: Jan 20 14:25:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 07 01:31:51 2022
Response via : Initial Calibration

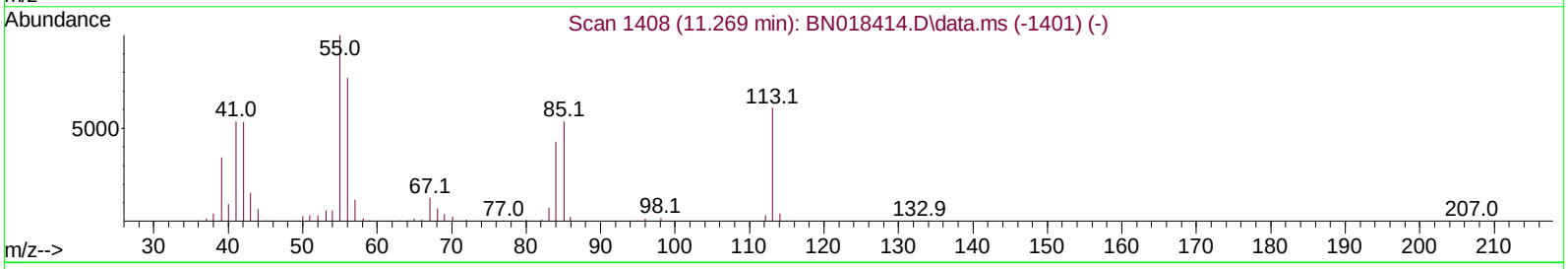
Instrument :
BNA_N
ClientSampleId :
GBCM2MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :mohammad ahmed 01/21/2022







TIC: BN018436.D\data.ms

(34) Caprolactam

11.281min (+ 0.006) 4.45 ng/ul

response 33394

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	152.37
56.00	134.50	116.21
0.00	0.00	0.00

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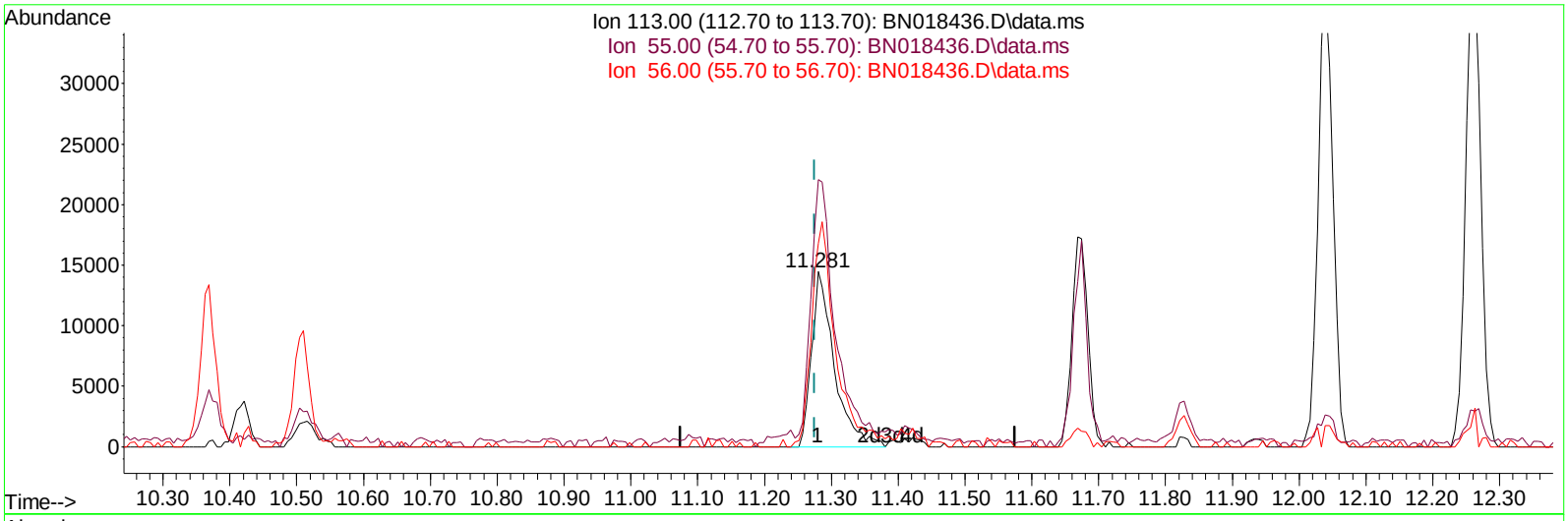

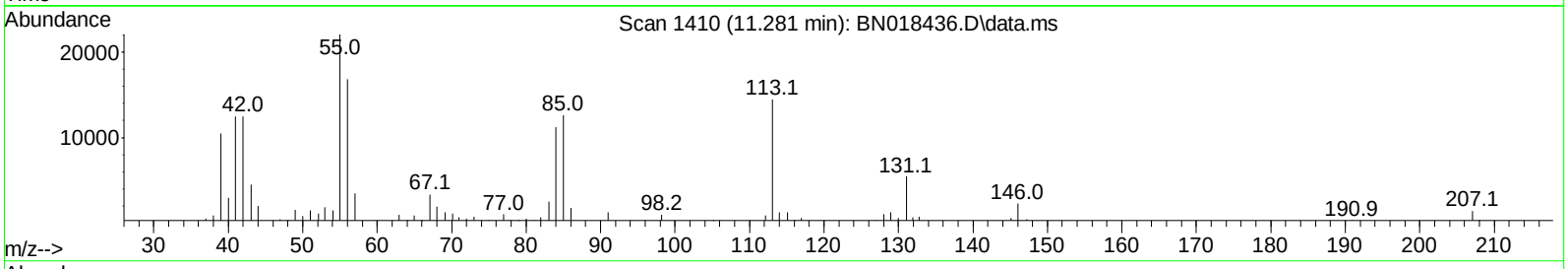

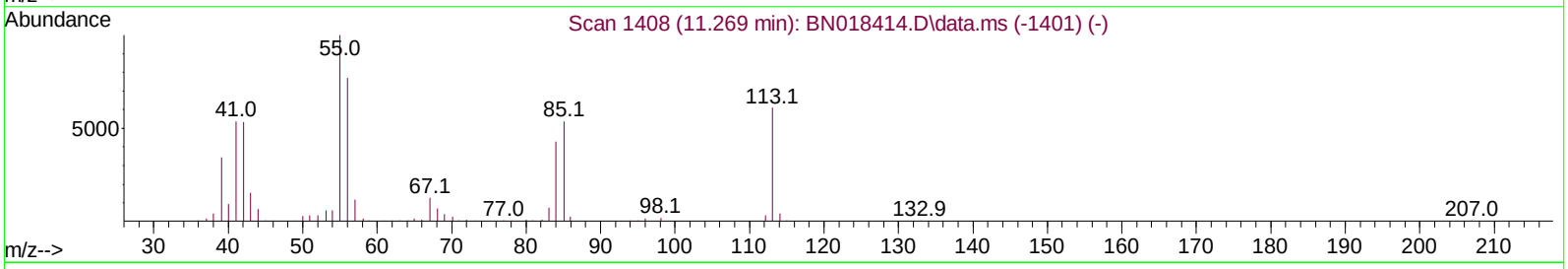

TIC: BN018436.D\data.ms

(34) Caprolactam

11.281min (+ 0.006) 4.57 ng/ul m

response 34265

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.30	152.37
56.00	134.50	116.21
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	7.587	152	297262	20.000	ng/ul	0.00
20) Naphthalene-d8	10.369	136	1301884	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.233	164	761966	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	1628892	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1419326	20.000	ng/ul	0.00
88) Perylene-d12	23.392	264	1318151	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	35522	4.804	ng/uL	0.00
4) Pyridine-d5	3.469	84	211520	9.140	ng/ul	0.00
7) Phenol-d5	6.775	99	250921	8.685	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	658270	35.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	669510	31.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	460059	20.175	ng/ul	0.00
21) Nitrobenzene-d5	8.739	128	417168	43.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.457	143	444304	42.867	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	741767	39.391	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	961673	33.229	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	2597277	46.930	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	3049245	43.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	114968	10.886	ng/ul	0.00
60) Fluorene-d10	15.233	176	2056019	44.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.363	200	400802	43.485	ng/ul	0.00
73) Anthracene-d10	17.080	188	3100877	41.103	ng/ul	0.00
81) Pyrene-d10	19.380	212	3750497	46.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	3318506	50.585	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	49874	5.995	ng/uL#	93
5) Pyridine	3.487	79	237944	9.886	ng/ul	90
6) Benzaldehyde	6.728	77	687390	37.461	ng/ul	100
8) Phenol	6.798	94	305086	10.132	ng/ul#	88
10) Bis(2-Chloroethyl)ether	7.022	93	880641	36.275	ng/ul	95
12) 2-Chlorophenol	7.157	128	697179	31.219	ng/ul	93
13) 2-Methylphenol	8.045	108	538776	23.785	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.128	45	997523	30.963	ng/ul#	92
16) Acetophenone	8.404	105	1340374	38.373	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.398	70	707609	37.077	ng/ul	91
18) 4-Methylphenol	8.375	108	497110	20.452	ng/ul	94
19) Hexachloroethane	8.657	117	354188	38.241	ng/ul#	77
22) Nitrobenzene	8.781	77	1084746	42.345	ng/ul	99
23) Isophorone	9.304	82	2045573	39.760	ng/ul	97
25) 2-Nitrophenol	9.492	139	473368	41.024	ng/ul	93
26) 2,4-Dimethylphenol	9.563	107	800569	31.285	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.798	93	1189997	37.183	ng/ul	98
29) 2,4-Dichlorophenol	10.028	162	740584	38.828	ng/ul	97
30) Naphthalene	10.416	128	2787736	39.137	ng/ul	100
32) 4-Chloroaniline	10.534	127	968633	32.772	ng/ul	98
33) Hexachlorobutadiene	10.716	225	458986	44.129	ng/ul	98
34) Caprolactam	11.281	113	34265m	4.570	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	904285	37.884	ng/ul	93

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.039	142	1933278	40.677 ng/ul	99
37) 1-Methylnaphthalene	12.263	142	1926902	38.960 ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.416	216	897980	45.946 ng/ul#	91
40) Hexachlorocyclopentadiene	12.404	237	440204	39.216 ng/ul	97
41) 2,4,6-Trichlorophenol	12.663	196	627233	47.319 ng/ul	99
42) 2,4,5-Trichlorophenol	12.733	196	680063	48.398 ng/ul	97
43) 1,1'-Biphenyl	13.069	154	2606207	43.919 ng/ul	98
44) 2-Chloronaphthalene	13.104	162	1880504	42.410 ng/ul#	91
45) 2-Nitroaniline	13.310	65	738607	53.221 ng/ul	97
47) Dimethylphthalate	13.704	163	2557623	45.532 ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	566609	53.229 ng/ul#	84
50) Acenaphthylene	13.957	152	2975695	40.361 ng/ul	99
51) 3-Nitroaniline	14.145	138	526191	43.970 ng/ul	97
52) Acenaphthene	14.298	153	2000685	41.181 ng/ul	99
53) 2,4-Dinitrophenol	14.357	184	279095	46.551 ng/ul#	77
55) 4-Nitrophenol	14.463	109	129480	14.350 ng/ul#	76
56) Dibenzofuran	14.633	168	2914156	43.256 ng/ul#	81
57) 2,4-Dinitrotoluene	14.610	165	797730	52.086 ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	14.869	232	556957	49.171 ng/ul#	71
59) Diethylphthalate	15.074	149	2839507	48.966 ng/ul	97
61) Fluorene	15.286	166	2189401	42.198 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.286	204	1017207	43.846 ng/ul#	74
63) 4-Nitroaniline	15.310	138	522486	48.947 ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.374	198	409075	43.541 ng/ul#	72
67) N-Nitrosodiphenylamine	15.498	169	1997040	39.555 ng/ul	94
68) 4-Bromophenyl-phenylether	16.180	248	699749	44.300 ng/ul#	81
69) Hexachlorobenzene	16.298	284	846119	44.685 ng/ul#	86
70) Atrazine	16.463	200	778889	47.045 ng/ul	93
71) Pentachlorophenol	16.639	266	499288	46.195 ng/ul	95
72) Phenanthrene	17.021	178	3852556	41.621 ng/ul	99
74) Anthracene	17.116	178	3623169	39.430 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	920957	39.596 ng/uL	97
76) Pentachlorobenzene	14.563	250	933560	42.931 ng/uL	97
77) Carbazole	17.386	167	3512090	43.425 ng/ul#	95
78) Di-n-butylphthalate	17.963	149	5061552	50.909 ng/ul#	98
80) Fluoranthene	19.045	202	4552272	46.128 ng/ul	97
82) Pyrene	19.410	202	4376671	43.526 ng/ul	98
83) Butylbenzylphthalate	20.327	149	2490184	59.740 ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.098	252	1399160	51.141 ng/ul#	93
85) Benzo(a)anthracene	21.162	228	4216952	45.389 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.115	149	3511268	55.382 ng/ul#	94
87) Chrysene	21.215	228	3945991	43.127 ng/ul	99
89) Di-n-octyl phthalate	21.986	149	5990241	63.420 ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	4362502	51.625 ng/ul#	96
91) Benzo(k)fluoranthene	22.774	252	3743937	47.774 ng/ul#	95
93) Benzo(a)pyrene	23.303	252	3773588	46.828 ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.650	276	3866250	43.382 ng/ul#	93
95) Dibenzo(a,h)anthracene	25.662	278	3325769	44.256 ng/ul#	96
96) Benzo(g,h,i)perylene	26.333	276	3315144	44.395 ng/ul#	93

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

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