Quantitation Report (Qedit)

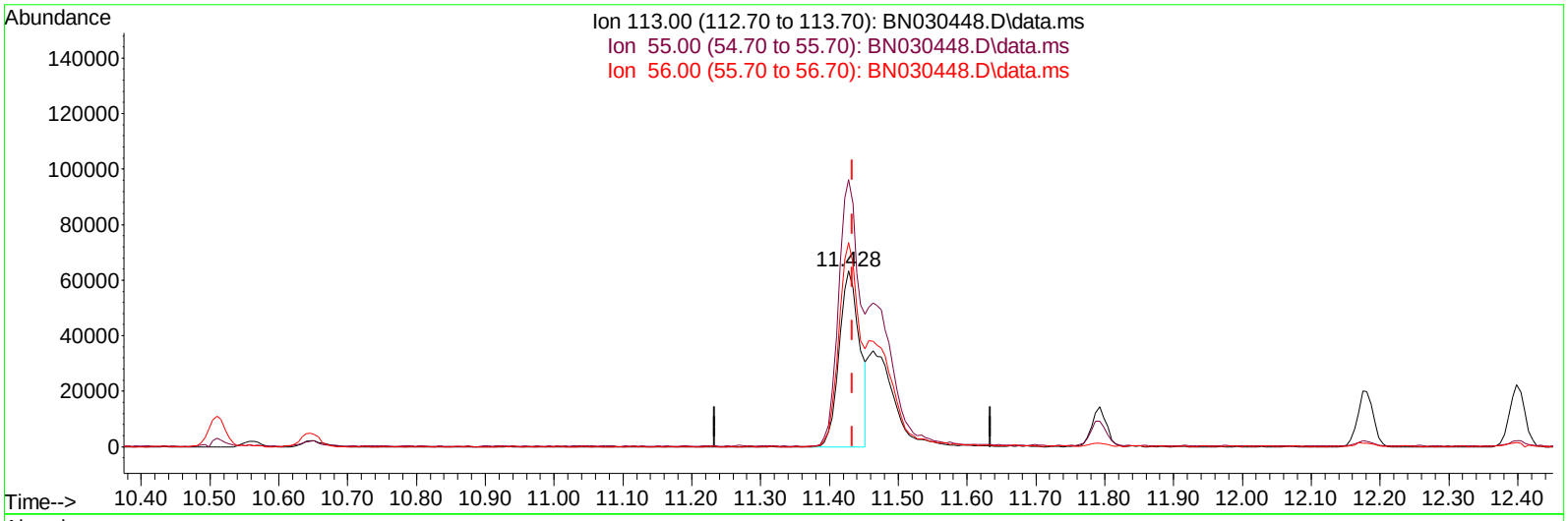
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032124\
Data File : BN030448.D
Acq On : 21 Mar 2024 15:48
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

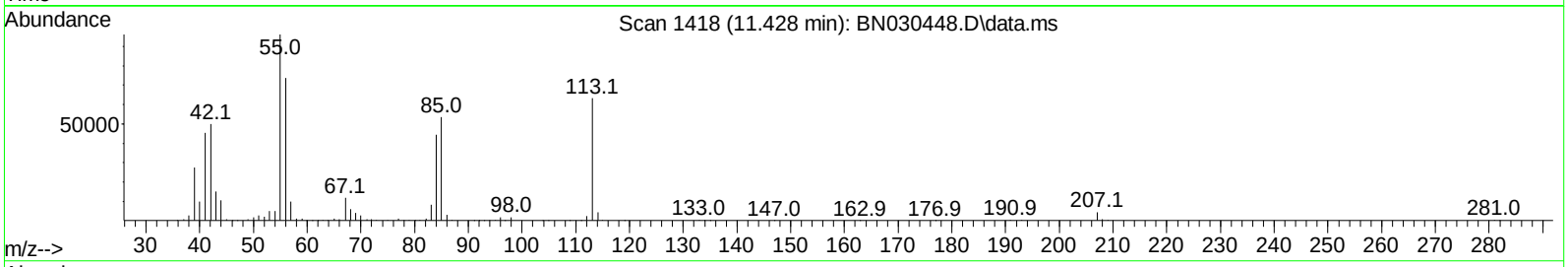
Quant Time: Mar 21 16:20:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 21 00:37:15 2024
Response via : Initial Calibration

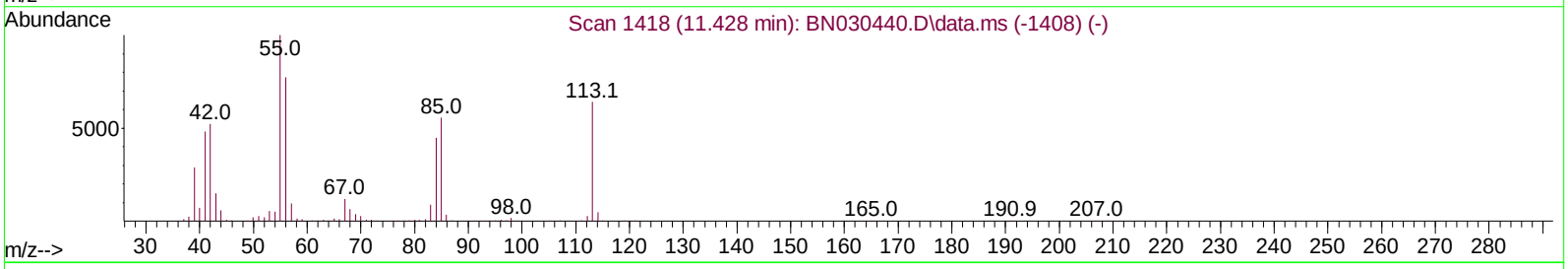
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 04/03/2024







TIC: BN030448.D\data.ms

(34) Caprolactam

11.428min (-0.006) 11.99 ng/ul

response 130501

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.70	151.83
56.00	118.90	116.23
0.00	0.00	0.00

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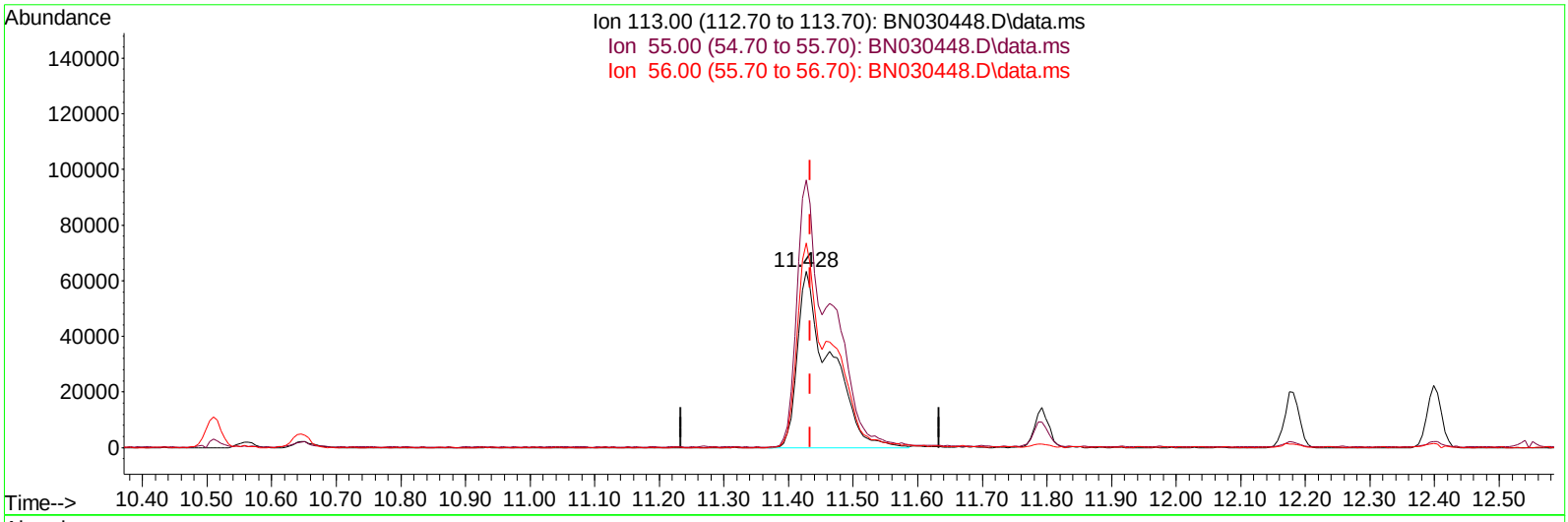

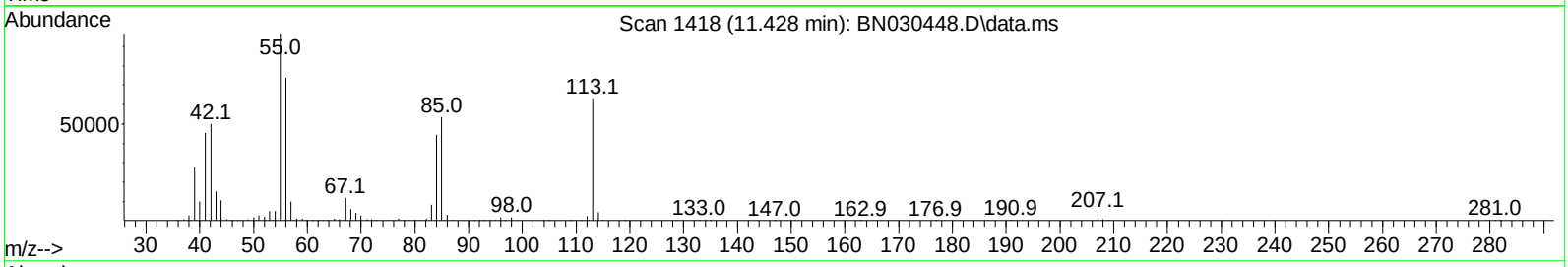

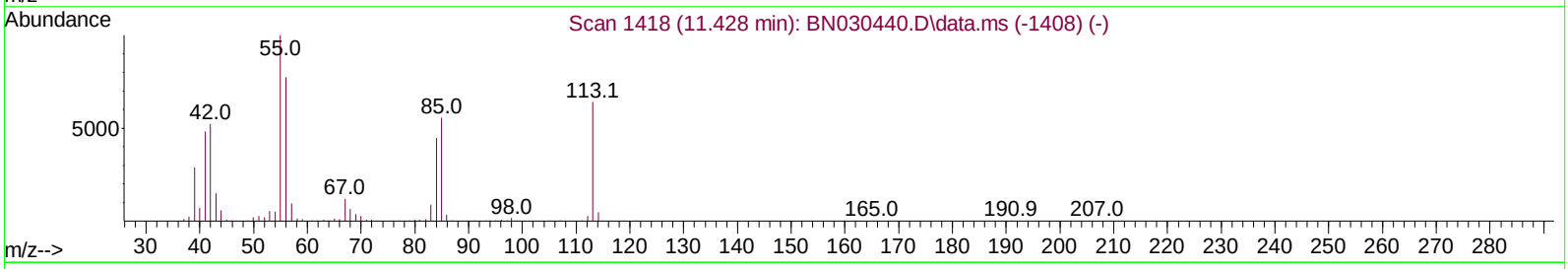

TIC: BN030448.D\data.ms

(34) Caprolactam

11.428min (-0.006) 20.26 ng/ul m

response 220565

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.70	151.83
56.00	118.90	116.23
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	7.722	152	411830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	1817570	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.369	164	1167437	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	2380731	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2186375	20.000	ng/ul	0.00
88) Perylene-d12	24.327	264	2297089	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	90086	8.014	ng/uL	0.00
4) Pyridine-d5	3.616	84	651178	19.985	ng/ul	0.00
7) Phenol-d5	6.881	99	785810	19.523	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	478662	19.641	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	588275	20.024	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	627481	19.922	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	291998	21.041	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	268159	21.809	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	574735	20.678	ng/ul	0.00
31) 4-Chloroaniline-d4	10.646	131	926196	20.448	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	1793835	19.609	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	2047213	19.206	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	335876	19.416	ng/ul	0.00
60) Fluorene-d10	15.363	176	1528941	19.616	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	180620	17.023	ng/ul	0.00
73) Anthracene-d10	17.216	188	2341575	20.249	ng/ul	0.00
81) Pyrene-d10	19.516	212	2654850	19.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.127	264	2469103	20.256	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	91566	7.927	ng/uL	98
5) Pyridine	3.634	79	658816	20.013	ng/ul	99
6) Benzaldehyde	6.869	77	463666	24.709	ng/ul	99
8) Phenol	6.905	94	802468	19.660	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.157	93	660763	19.846	ng/ul	98
12) 2-Chlorophenol	7.281	128	619200	20.297	ng/ul	99
13) 2-Methylphenol	8.157	108	607707	19.698	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	857954	19.566	ng/ul	98
16) Acetophenone	8.546	105	1010091	20.471	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.534	70	519957	20.160	ng/ul	98
18) 4-Methylphenol	8.487	108	667762	19.948	ng/ul	97
19) Hexachloroethane	8.799	117	252038	20.126	ng/ul	99
22) Nitrobenzene	8.922	77	725354	20.646	ng/ul	98
23) Isophorone	9.446	82	1495537	19.819	ng/ul	99
25) 2-Nitrophenol	9.628	139	315935	21.791	ng/ul	96
26) 2,4-Dimethylphenol	9.687	107	667915	19.878	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.934	93	912330	20.122	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	572259	20.613	ng/ul	98
30) Naphthalene	10.563	128	2070367	20.018	ng/ul	100
32) 4-Chloroaniline	10.669	127	898652	20.600	ng/ul	100
33) Hexachlorobutadiene	10.846	225	343365	20.238	ng/ul	99
34) Caprolactam	11.428	113	220565m	20.262	ng/ul	
35) 4-Chloro-3-methylphenol	11.793	107	673506	20.600	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1418827	20.200	ng/ul	99
37) 1-Methylnaphthalene	12.398	142	1396964	20.216	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.545	216	682265	19.402	ng/ul	100
40) Hexachlorocyclopentadiene	12.528	237	339283	17.113	ng/ul	99
41) 2,4,6-Trichlorophenol	12.787	196	449428	20.310	ng/ul	97
42) 2,4,5-Trichlorophenol	12.851	196	482931	20.117	ng/ul	93
43) 1,1'-Biphenyl	13.204	154	1837844	19.700	ng/ul	97
44) 2-Chloronaphthalene	13.240	162	1440456	19.557	ng/ul	99
45) 2-Nitroaniline	13.445	65	404273	20.990	ng/ul	99
47) Dimethylphthalate	13.834	163	1845637	19.871	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	347828	21.791	ng/ul	98
50) Acenaphthylene	14.087	152	2414805	19.634	ng/ul	100
51) 3-Nitroaniline	14.269	138	385883	20.961	ng/ul	98
52) Acenaphthene	14.434	153	1566256	19.506	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	101590	14.168	ng/ul	97
55) 4-Nitrophenol	14.575	109	262750	19.665	ng/ul	98
56) Dibenzofuran	14.769	168	2101051	19.374	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	503208	21.699	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.986	232	391625	19.846	ng/ul	96
59) Diethylphthalate	15.210	149	1847790	19.598	ng/ul	100
61) Fluorene	15.422	166	1782800	20.433	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.422	204	843365	20.135	ng/ul	95
63) 4-Nitroaniline	15.439	138	401798	22.655	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	213351	17.383	ng/ul	97
67) N-Nitrosodiphenylamine	15.634	169	1488563	20.032	ng/ul	94
68) 4-Bromophenyl-phenylether	16.316	248	511693	20.897	ng/ul	96
69) Hexachlorobenzene	16.416	284	614951	20.970	ng/ul	97
70) Atrazine	16.592	200	520260	21.772	ng/ul	98
71) Pentachlorophenol	16.757	266	348780	19.300	ng/ul	97
72) Phenanthrene	17.157	178	2793382	20.633	ng/ul	99
74) Anthracene	17.251	178	2844384	20.696	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.157	216	673865	20.161	ng/uL	96
76) Pentachlorobenzene	14.681	250	671087	20.399	ng/uL	98
77) Carbazole	17.522	167	2647859	21.708	ng/ul	98
78) Di-n-butylphthalate	18.104	149	3166415	20.643	ng/ul	100
80) Fluoranthene	19.180	202	3195495	19.804	ng/ul	99
82) Pyrene	19.545	202	3320660	19.916	ng/ul	100
83) Butylbenzylphthalate	20.469	149	1303819	20.320	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.269	252	970546	19.714	ng/ul	99
85) Benzo(a)anthracene	21.345	228	3301052	20.289	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2009113	20.436	ng/ul	97
87) Chrysene	21.404	228	3005534	19.990	ng/ul	97
89) Di-n-octyl phthalate	22.439	149	3157152	18.776	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	3144814	20.681	ng/ul	100
91) Benzo(k)fluoranthene	23.457	252	3005931	19.570	ng/ul	96
93) Benzo(a)pyrene	24.192	252	2943482	20.685	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.674	276	3241794	21.159	ng/ul	98
95) Dibenzo(a,h)anthracene	27.739	278	2734902	21.364	ng/ul	97
96) Benzo(g,h,i)perylene	28.721	276	2598443	21.492	ng/ul	96

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

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