Quantitation Report (Qedit)

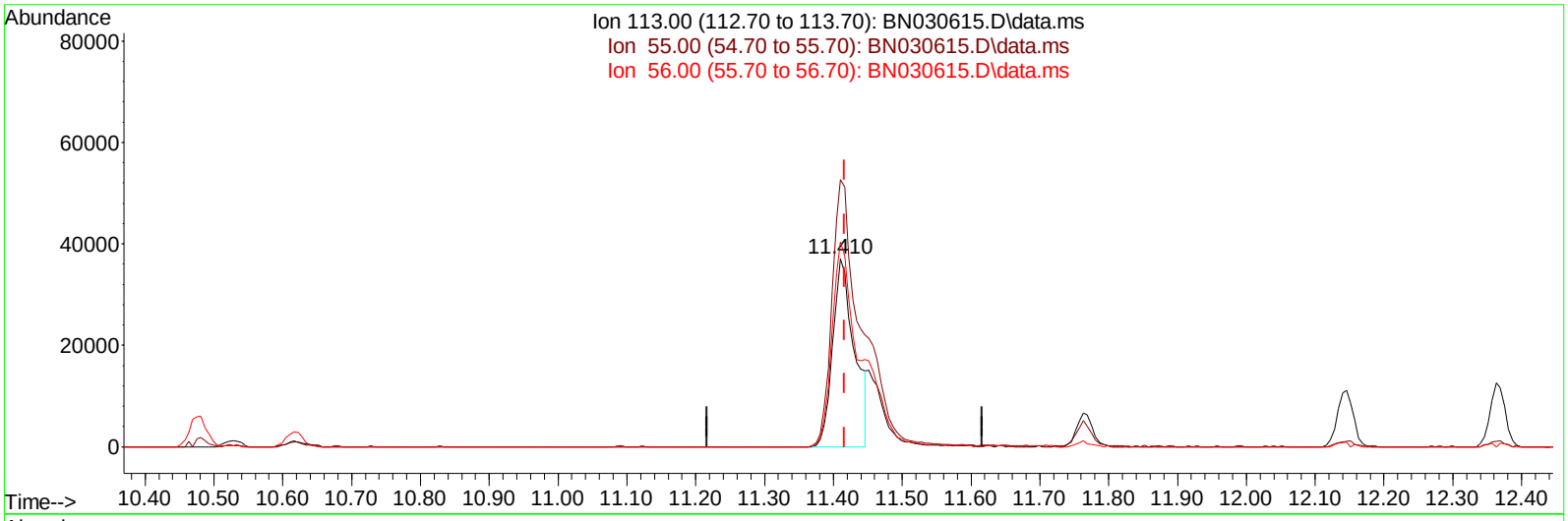
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
Data File : BN030615.D
Acq On : 02 Apr 2024 16:04
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

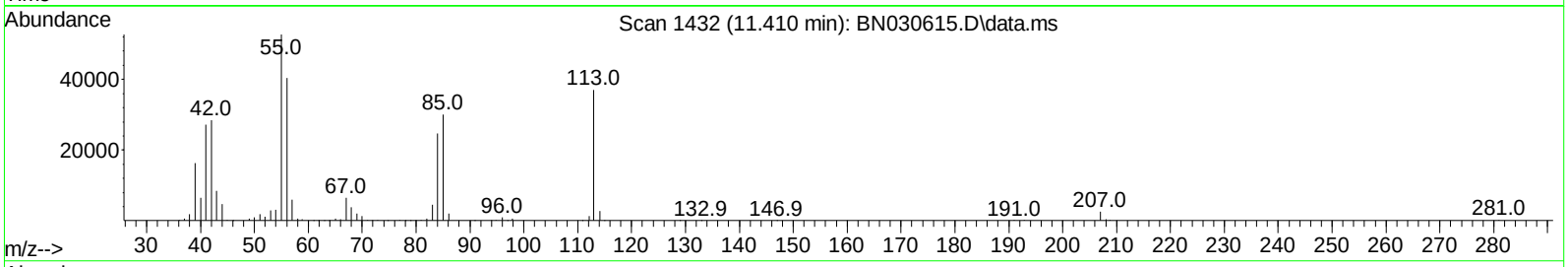
Quant Time: Apr 02 23:05:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 12:24:07 2024
Response via : Initial Calibration

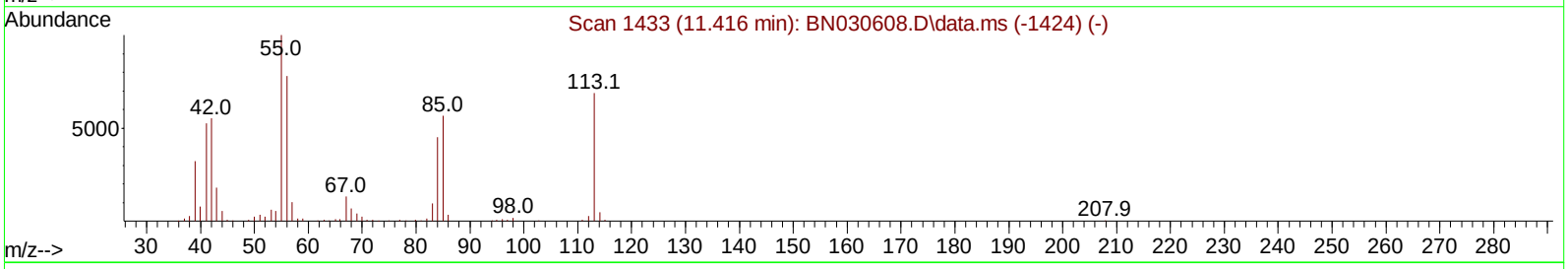
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/06/2024







TIC: BN030615.D\data.ms

(34) Caprolactam

11.410min (-0.006) 15.52 ng/ul

response 80592

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.00
56.00	113.20	109.07
0.00	0.00	0.00

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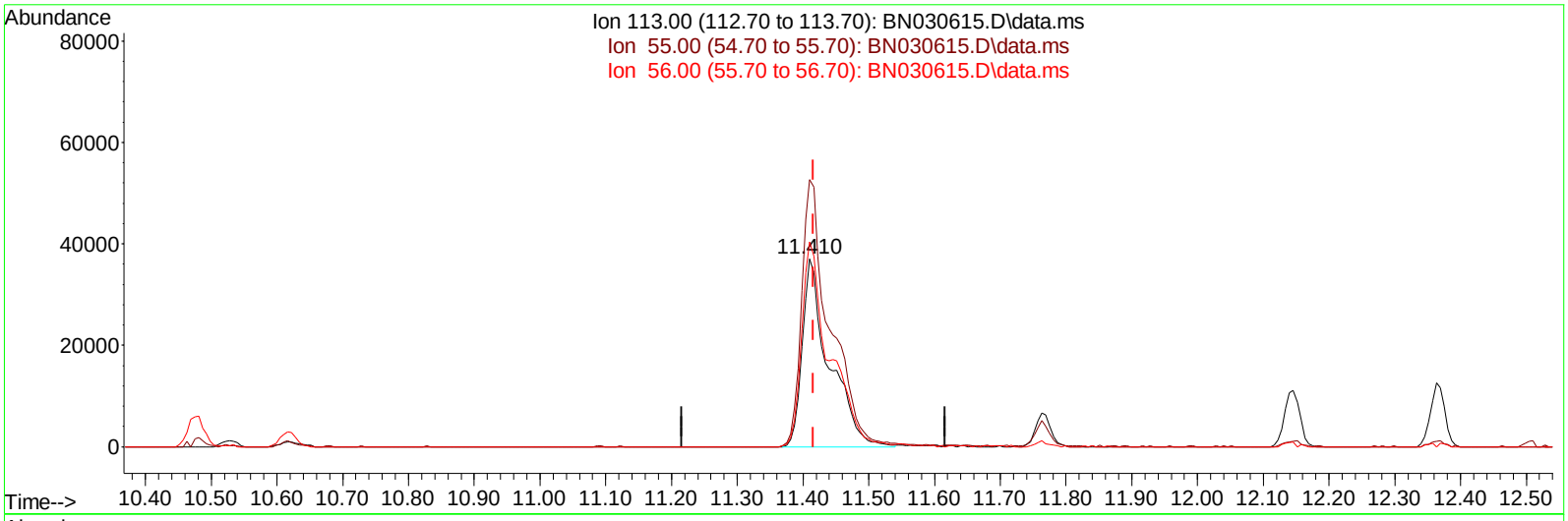

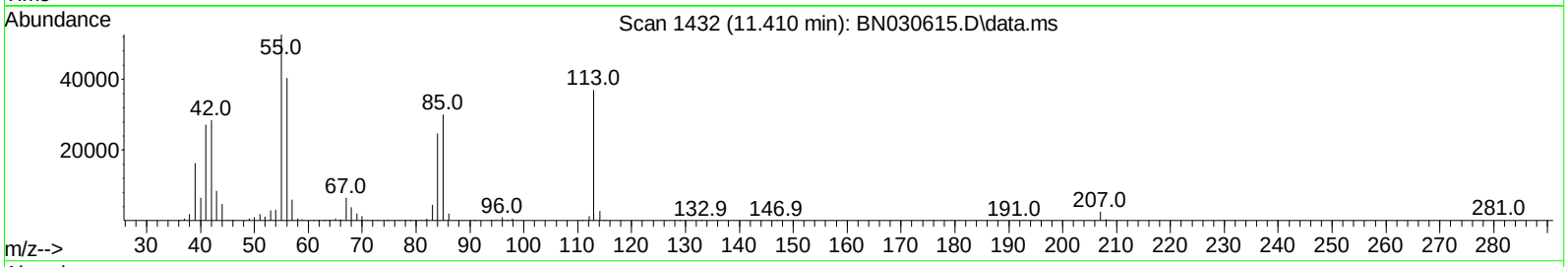

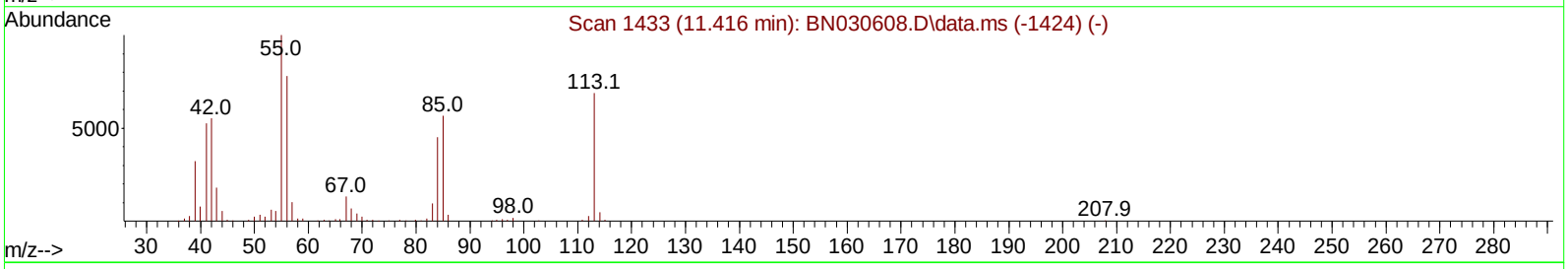

TIC: BN030615.D\data.ms

(34) Caprolactam

11.410min (-0.006) 20.21 ng/ul m

response 104919

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	142.00
56.00	113.20	109.07
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	7.693	152	218439	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	980154	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.334	164	651899	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1374523	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1329153	20.000	ng/ul	0.00
88) Perylene-d12	24.263	264	1387604	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	41344	8.874	ng/uL	0.00
4) Pyridine-d5	3.599	84	300778	21.532	ng/ul	0.00
7) Phenol-d5	6.864	99	379166	21.457	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	228476	20.934	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	306484	22.863	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	306904	20.723	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	153649	22.598	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	156892	25.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	312366	22.939	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	475357	21.204	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	947445	21.768	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	1120268	22.386	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	182053	21.867	ng/ul	0.00
60) Fluorene-d10	15.334	176	821174	21.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	125314	20.655	ng/ul	0.00
73) Anthracene-d10	17.181	188	1292308	21.821	ng/ul	0.00
81) Pyrene-d10	19.481	212	1535601	21.489	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.057	264	1422828	22.253	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	43313	8.679	ng/uL	95
5) Pyridine	3.617	79	302602	21.468	ng/ul	97
6) Benzaldehyde	6.840	77	215534	26.192	ng/ul	99
8) Phenol	6.887	94	388441	21.101	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.128	93	320711	21.364	ng/ul	99
12) 2-Chlorophenol	7.258	128	324036	22.534	ng/ul	96
13) 2-Methylphenol	8.134	108	298241	21.025	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.216	45	427029	20.202	ng/ul	99
16) Acetophenone	8.516	105	493468	21.104	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.499	70	243795	20.701	ng/ul	98
18) 4-Methylphenol	8.458	108	330619	20.820	ng/ul	97
19) Hexachloroethane	8.763	117	131917	21.881	ng/ul	96
22) Nitrobenzene	8.893	77	366336	22.071	ng/ul	100
23) Isophorone	9.416	82	706108	21.332	ng/ul	99
25) 2-Nitrophenol	9.593	139	175420	23.997	ng/ul	100
26) 2,4-Dimethylphenol	9.658	107	351985	21.664	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.899	93	444067	21.100	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	312262	22.466	ng/ul	98
30) Naphthalene	10.528	128	1087258	21.628	ng/ul	99
32) 4-Chloroaniline	10.640	127	455477	21.082	ng/ul	98
33) Hexachlorobutadiene	10.810	225	194152	22.192	ng/ul	99
34) Caprolactam	11.410	113	104919m	20.206	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	337783	21.577	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	757298	21.571	ng/ul	97
37) 1-Methylnaphthalene	12.363	142	755896	21.210	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	380951	22.644	ng/ul	96
40) Hexachlorocyclopentadiene	12.493	237	207965	21.767	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	244759	23.282	ng/ul	96
42) 2,4,5-Trichlorophenol	12.828	196	269612	22.709	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	986093	22.193	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	778230	22.249	ng/ul	100
45) 2-Nitroaniline	13.416	65	209754	22.533	ng/ul	99
47) Dimethylphthalate	13.798	163	981689	21.834	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	188809	22.650	ng/ul	96
50) Acenaphthylene	14.057	152	1302022	22.518	ng/ul	100
51) 3-Nitroaniline	14.246	138	205648	23.243	ng/ul	100
52) Acenaphthene	14.398	153	848443	22.019	ng/ul	100
53) 2,4-Dinitrophenol	14.451	184	71726	18.734	ng/ul	97
55) 4-Nitrophenol	14.551	109	142351	21.582	ng/ul	96
56) Dibenzofuran	14.734	168	1157589	21.612	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	283619	23.304	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.963	232	227426	23.065	ng/ul	97
59) Diethylphthalate	15.169	149	977023	21.391	ng/ul	99
61) Fluorene	15.387	166	943885	22.171	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.387	204	452988	21.687	ng/ul	97
63) 4-Nitroaniline	15.410	138	216271	25.142	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	142648	21.882	ng/ul	97
67) N-Nitrosodiphenylamine	15.598	169	822627	21.976	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	289333	22.167	ng/ul	98
69) Hexachlorobenzene	16.381	284	329731	21.454	ng/ul	97
70) Atrazine	16.557	200	285493	22.004	ng/ul	99
71) Pentachlorophenol	16.728	266	197425	21.787	ng/ul	96
72) Phenanthrene	17.128	178	1537114	21.766	ng/ul	99
74) Anthracene	17.216	178	1594046	22.329	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.128	216	381886	22.615	ng/uL	97
76) Pentachlorobenzene	14.651	250	375275	21.879	ng/uL	93
77) Carbazole	17.492	167	1451363	23.182	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1756858	23.003	ng/ul	99
80) Fluoranthene	19.145	202	1836809	21.623	ng/ul	99
82) Pyrene	19.510	202	1943715	21.665	ng/ul	99
83) Butylbenzylphthalate	20.422	149	801940	23.407	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	584813	23.946	ng/ul	99
85) Benzo(a)anthracene	21.304	228	1926748	21.721	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	1176409	23.284	ng/ul	100
87) Chrysene	21.363	228	1790370	21.383	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2059383	23.436	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1808492	22.146	ng/ul	97
91) Benzo(k)fluoranthene	23.392	252	1844979	22.246	ng/ul	97
93) Benzo(a)pyrene	24.121	252	1703294	22.080	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.568	276	1764512	21.160	ng/ul	98
95) Dibenzo(a,h)anthracene	27.633	278	1484875	21.152	ng/ul	98
96) Benzo(g,h,i)perylene	28.592	276	1373849	20.986	ng/ul	97

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

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