Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024888.D
Acq On : 14 Apr 2023 09:07
Operator : CG/JU
Sample : PB152091BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 14 09:36:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 14 03:27:44 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS091

Manual IntegrationsAPPROVED

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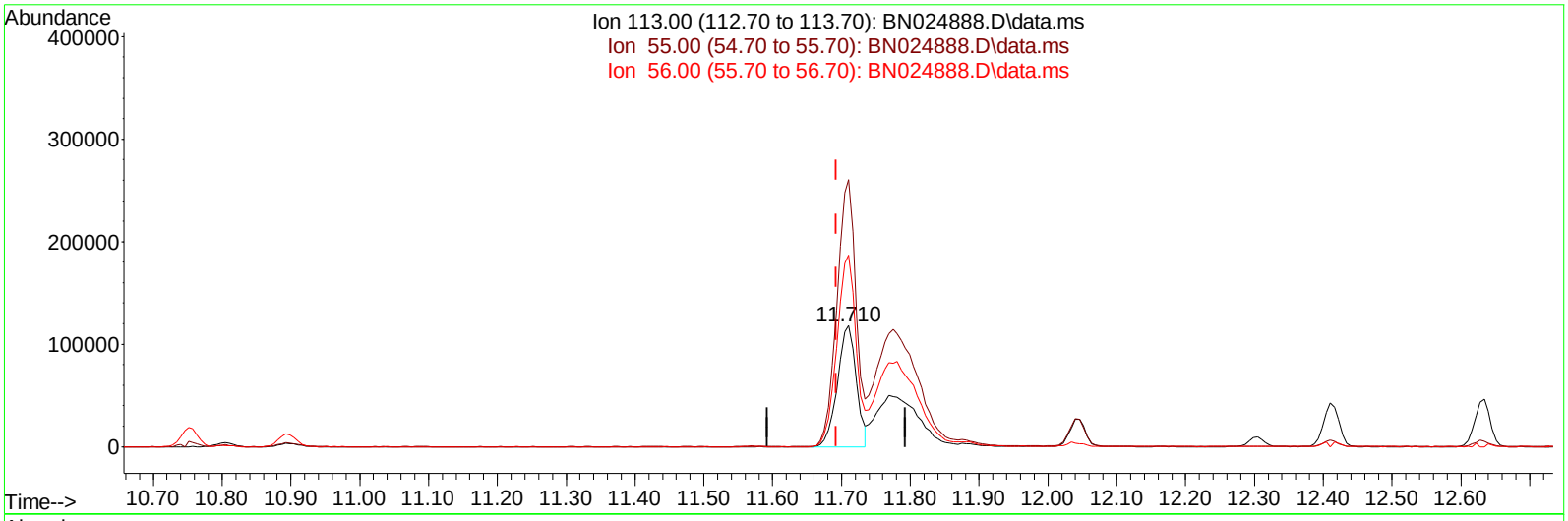
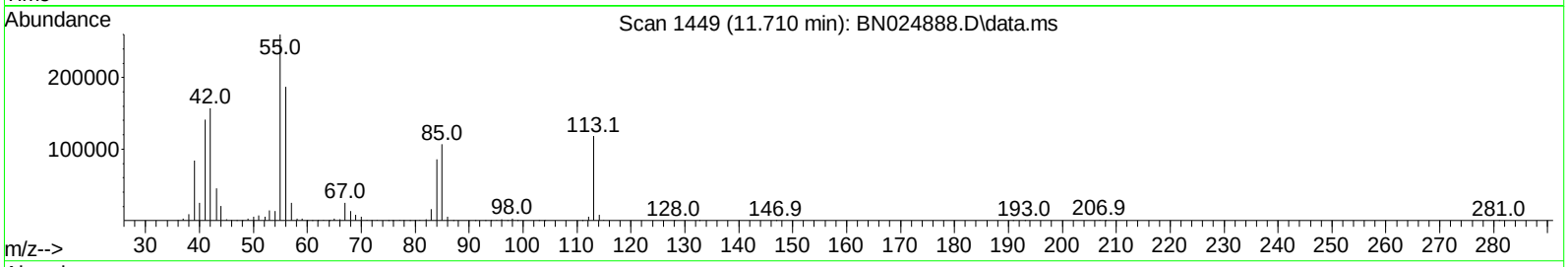
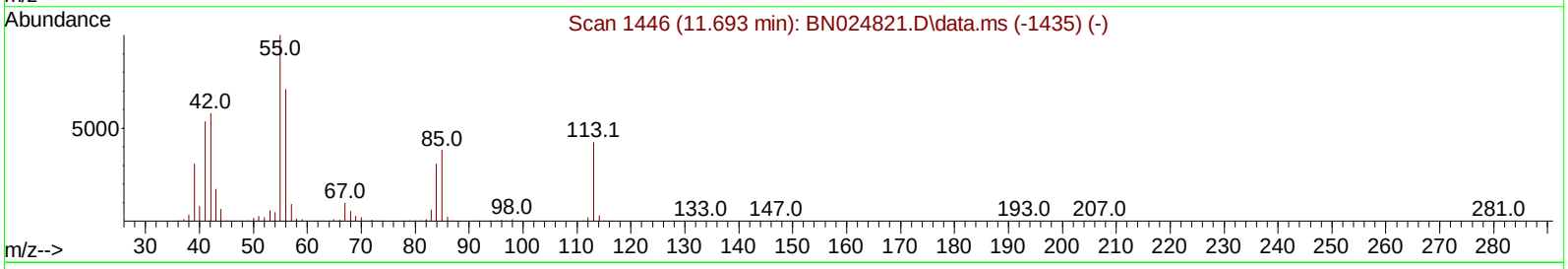
Supervised By :Jagrut Upadhyay 04/14/2023







TIC: BN024888.D\data.ms

(34) Caprolactam

11.710min (+ 0.018) 19.78 ng/ul

response 224171

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	220.55
56.00	166.90	158.53
0.00	0.00	0.00

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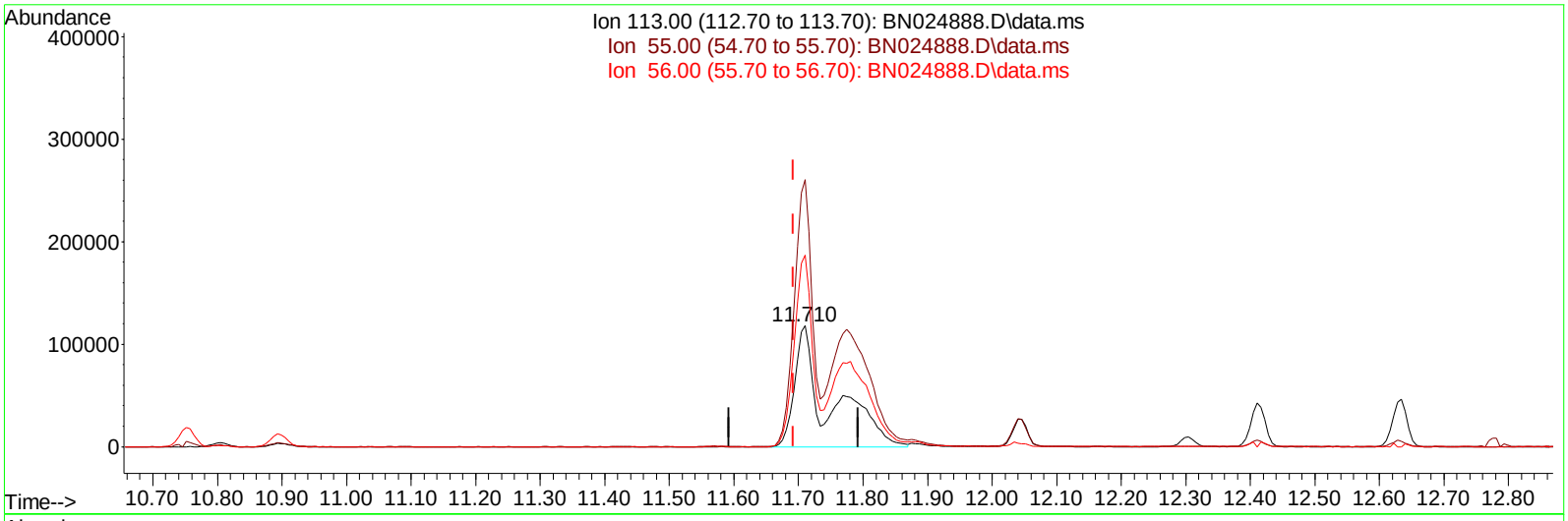

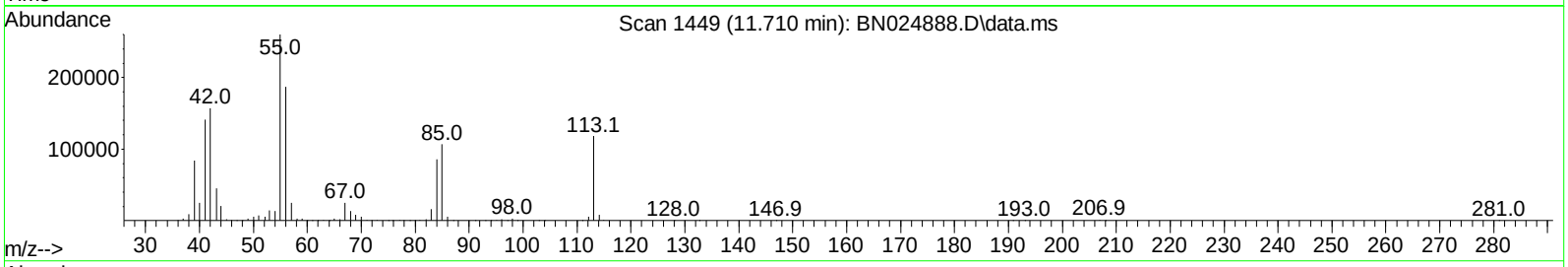

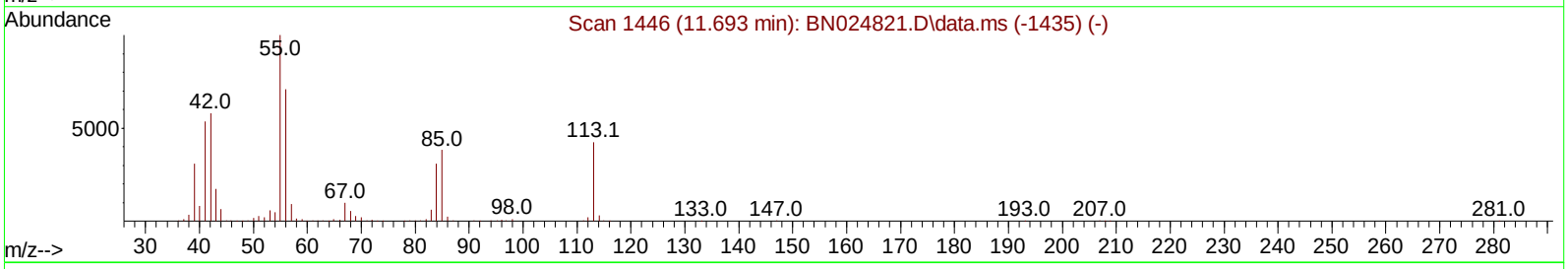

TIC: BN024888.D\data.ms

(34) Caprolactam

11.710min (+ 0.018) 38.62 ng/ul m

response 437723

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	220.55
56.00	166.90	158.53
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	7.940	152	471606	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	2055200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	1262614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	2779554	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	2446149	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	2577377	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	74724	6.030	ng/uL	0.00
4) Pyridine-d5	3.734	84	1221908	32.932	ng/ul	0.00
7) Phenol-d5	7.099	99	1601912	34.840	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	1043279	33.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	1192343	35.287	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	1251505	34.287	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	609934	36.653	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	691202	38.348	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1177340	36.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	1524558	31.183	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	3573106	36.505	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	4014764	35.794	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	771661	38.460	ng/ul	0.00
60) Fluorene-d10	15.581	176	2975450	36.004	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	689455	38.114	ng/ul	0.00
73) Anthracene-d10	17.434	188	4578862	35.075	ng/ul	0.00
81) Pyrene-d10	19.728	212	5239508	36.887	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	4928323	36.570	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	166439	12.447	ng/uL	95
5) Pyridine	3.752	79	1282216	33.448	ng/ul	99
6) Benzaldehyde	7.075	77	346710	15.433	ng/ul	93
8) Phenol	7.128	94	1674782	34.976	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.364	93	1284567	34.171	ng/ul	98
12) 2-Chlorophenol	7.499	128	1224998	34.712	ng/ul	99
13) 2-Methylphenol	8.387	108	1218342	34.655	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.475	45	2503815	33.919	ng/ul	100
16) Acetophenone	8.769	105	1953467	33.846	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.763	70	1082711	34.779	ng/ul	98
18) 4-Methylphenol	8.722	108	1341921	34.325	ng/ul	94
19) Hexachloroethane	9.022	117	493651	34.660	ng/ul	98
22) Nitrobenzene	9.152	77	1599473	35.771	ng/ul	99
23) Isophorone	9.681	82	2980368	36.311	ng/ul	100
25) 2-Nitrophenol	9.863	139	722367	37.153	ng/ul	99
26) 2,4-Dimethylphenol	9.928	107	1382930	33.782	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.163	93	1794243	35.126	ng/ul	100
29) 2,4-Dichlorophenol	10.399	162	1170568	36.203	ng/ul	96
30) Naphthalene	10.805	128	3966000	34.553	ng/ul	99
32) 4-Chloroaniline	10.922	127	983083	19.863	ng/ul	99
33) Hexachlorobutadiene	11.087	225	665999	35.339	ng/ul	96
34) Caprolactam	11.710	113	437723m	38.624	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	1437256	37.911	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	2657286	35.030	ng/ul	99
37) 1-Methylnaphthalene	12.634	142	2741157	36.199	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.781	216	1277245	34.680	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	756803	33.699	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	891856	35.442	ng/ul	94
42) 2,4,5-Trichlorophenol	13.093	196	1009527	36.660	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	3503440	34.826	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	2745482	35.148	ng/ul	99
45) 2-Nitroaniline	13.675	65	1098475	40.272	ng/ul	97
47) Dimethylphthalate	14.046	163	3618426	36.742	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	779195	40.535	ng/ul	96
50) Acenaphthylene	14.310	152	4366573	35.444	ng/ul	100
51) 3-Nitroaniline	14.498	138	773987	38.315	ng/ul	100
52) Acenaphthene	14.651	153	3013550	35.383	ng/ul	99
53) 2,4-Dinitrophenol	14.704	184	520198	42.088	ng/ul	98
55) 4-Nitrophenol	14.810	109	624029	38.214	ng/ul	97
56) Dibenzofuran	14.987	168	4166896	35.495	ng/ul	98
57) 2,4-Dinitrotoluene	14.957	165	1140926	41.002	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	815499	35.964	ng/ul	100
59) Diethylphthalate	15.410	149	3765509	38.051	ng/ul	99
61) Fluorene	15.634	166	3398276	35.989	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.628	204	1573035	35.791	ng/ul	98
63) 4-Nitroaniline	15.669	138	875578	43.983	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.722	198	676561	38.182	ng/ul#	97
67) N-Nitrosodiphenylamine	15.840	169	2948677	34.967	ng/ul	97
68) 4-Bromophenyl-phenylether	16.522	248	1001534	35.847	ng/ul	99
69) Hexachlorobenzene	16.639	284	1146645	36.249	ng/ul	99
70) Atrazine	16.792	200	38281	1.334	ng/ul	99
71) Pentachlorophenol	16.981	266	700017	35.603	ng/ul	96
72) Phenanthrene	17.381	178	5531468	35.265	ng/ul	99
74) Anthracene	17.469	178	5369091	33.970	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.387	216	1319549	33.377	ng/uL	97
76) Pentachlorobenzene	14.904	250	1321523	34.938	ng/uL	97
77) Carbazole	17.739	167	5148965	36.079	ng/ul	97
78) Di-n-butylphthalate	18.298	149	6466294	38.173	ng/ul	99
80) Fluoranthene	19.392	202	6201472	36.428	ng/ul	98
82) Pyrene	19.757	202	6402928	35.732	ng/ul	99
83) Butylbenzylphthalate	20.651	149	3043713	40.913	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	1692257	30.152	ng/ul	98
85) Benzo(a)anthracene	21.510	228	6245601	35.550	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.427	149	4429491	39.884	ng/ul	98
87) Chrysene	21.569	228	5957455	35.601	ng/ul	96
89) Di-n-octyl phthalate	22.380	149	7748167	43.745	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	6362305	37.641	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	6140410	36.919	ng/ul	98
93) Benzo(a)pyrene	23.880	252	5478010	37.017	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.557	276	6201575	34.587	ng/ul	95
95) Dibenzo(a,h)anthracene	26.568	278	5159523	34.855	ng/ul	98
96) Benzo(g,h,i)perylene	27.345	276	5028039	34.558	ng/ul	97

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

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