Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023752.D
Acq On : 23 Jan 2023 15:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 24 00:35:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 00:35:01 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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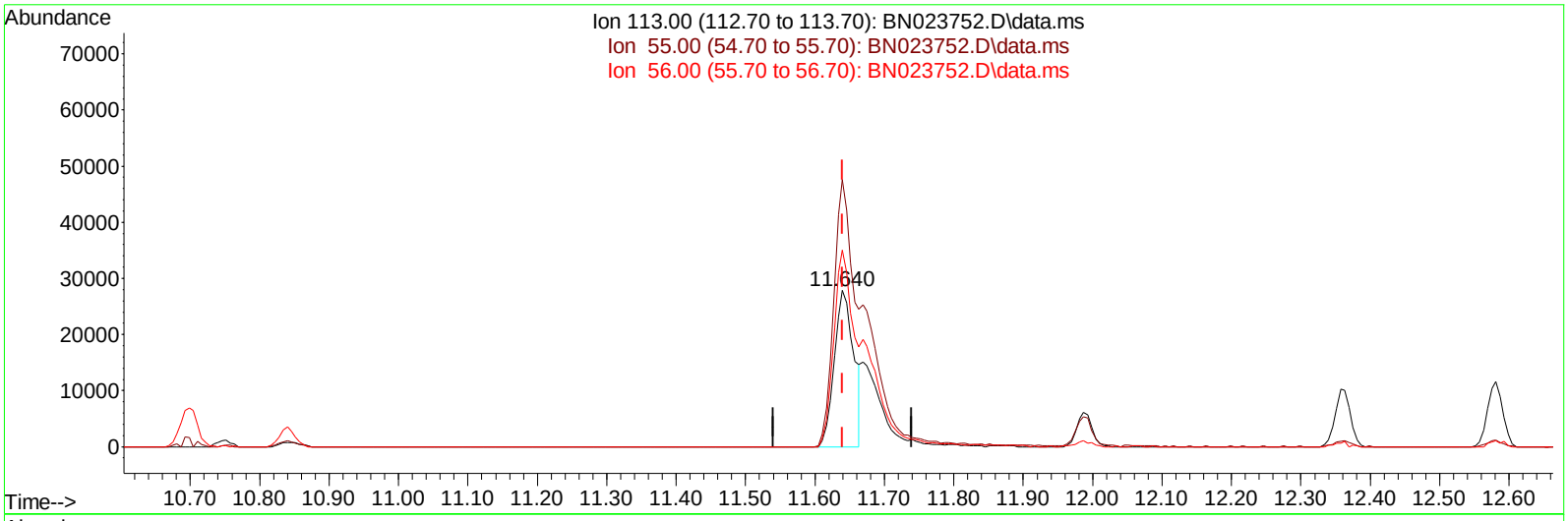
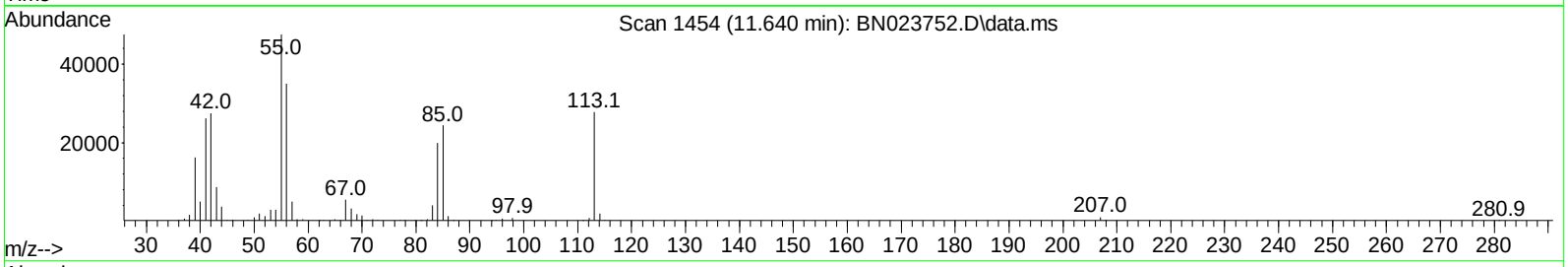
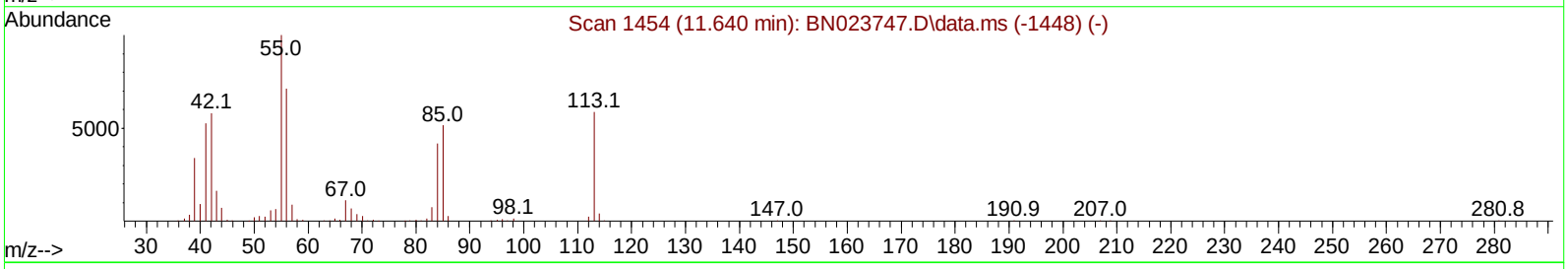
Supervised By :mohammad ahmed 01/24/2023







TIC: BN023752.D\data.ms

(34) Caprolactam

11.640min (0.000) 10.56 ng/ul

response 54896

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	170.93
56.00	117.80	126.08
0.00	0.00	0.00

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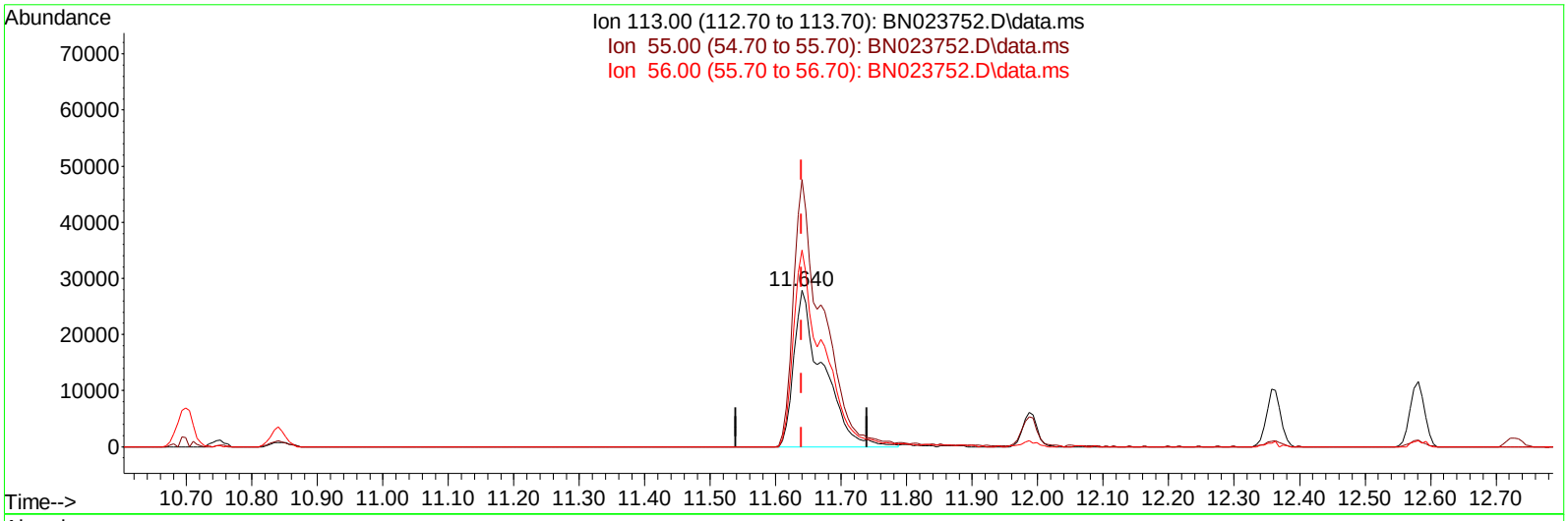

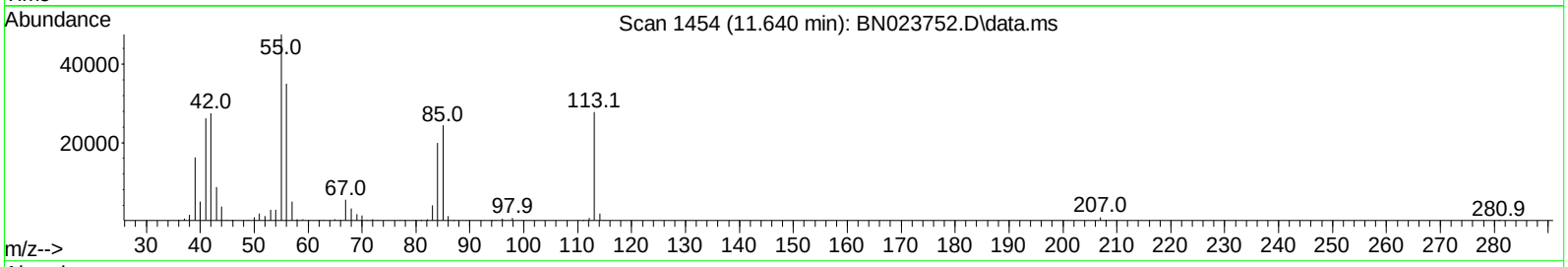

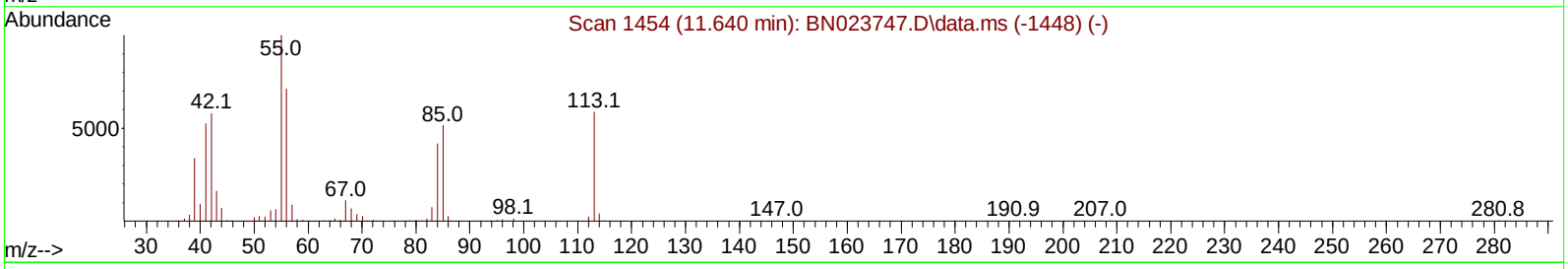

TIC: BN023752.D\data.ms

(34) Caprolactam

11.640min (0.000) 16.46 ng/ul m

response 85585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	170.93
56.00	117.80	126.08
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	7.887	152	220361	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	1015916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	621475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1320005	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1268233	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1316812	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	44551	8.700	ng/uL	0.00
4) Pyridine-d5	3.693	84	304258	19.803	ng/ul	0.00
7) Phenol-d5	7.046	99	371236	19.008	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	242963	20.279	ng/ul	0.00
11) 2-Chlorophenol-d4	7.411	132	290430	19.417	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	291781	18.718	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	141617	18.486	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	150848	18.601	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	283641	18.337	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	430127	17.678	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	842230	18.218	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	963084	18.802	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	155906	16.565	ng/ul	0.00
60) Fluorene-d10	15.528	176	711162	18.003	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	129104	16.213	ng/ul	0.00
73) Anthracene-d10	17.386	188	1091613	18.480	ng/ul	0.00
81) Pyrene-d10	19.680	212	1298865	17.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.721	264	1194842	18.348	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	44812	8.290	ng/uL	96
5) Pyridine	3.711	79	311808	19.825	ng/ul	100
6) Benzaldehyde	7.022	77	167325	22.122	ng/ul	99
8) Phenol	7.075	94	386284	19.430	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.311	93	310541	19.769	ng/ul	99
12) 2-Chlorophenol	7.446	128	302953	19.600	ng/ul	99
13) 2-Methylphenol	8.334	108	282714	18.897	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	431448	20.537	ng/ul	100
16) Acetophenone	8.716	105	473661	19.660	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.705	70	249499	20.567	ng/ul	99
18) 4-Methylphenol	8.663	108	314637	19.097	ng/ul	99
19) Hexachloroethane	8.969	117	122466	19.810	ng/ul	97
22) Nitrobenzene	9.099	77	366082	19.094	ng/ul	98
23) Isophorone	9.622	82	663794	19.143	ng/ul	98
25) 2-Nitrophenol	9.810	139	168602	18.704	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	345126	18.866	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.110	93	424596	18.878	ng/ul	99
29) 2,4-Dichlorophenol	10.346	162	284118	18.357	ng/ul	97
30) Naphthalene	10.752	128	996608	18.249	ng/ul	99
32) 4-Chloroaniline	10.863	127	438068	17.977	ng/ul	98
33) Hexachlorobutadiene	11.034	225	169617	17.718	ng/ul	94
34) Caprolactam	11.640	113	85585m	16.464	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	310617	18.406	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	656682	18.038	ng/ul	98
37) 1-Methylnaphthalene	12.581	142	671464	18.053	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	334910	18.221	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	206630	17.837	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	217692	17.968	ng/ul	97
42) 2,4,5-Trichlorophenol	13.040	196	237587	17.931	ng/ul	88
43) 1,1'-Biphenyl	13.375	154	882572	18.407	ng/ul	97
44) 2-Chloronaphthalene	13.416	162	675877	18.169	ng/ul	99
45) 2-Nitroaniline	13.622	65	202417	19.732	ng/ul	95
47) Dimethylphthalate	13.998	163	841418	18.113	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	163040	18.565	ng/ul	98
50) Acenaphthylene	14.263	152	1067388	18.741	ng/ul	99
51) 3-Nitroaniline	14.451	138	154035	17.503	ng/ul	98
52) Acenaphthene	14.604	153	734808	18.299	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	69170	12.051	ng/ul	92
55) 4-Nitrophenol	14.751	109	130270	17.140	ng/ul	99
56) Dibenzofuran	14.934	168	1004566	17.973	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	240596	18.766	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	196380	17.297	ng/ul	100
59) Diethylphthalate	15.363	149	839038	18.030	ng/ul	99
61) Fluorene	15.587	166	817073	18.052	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.581	204	396047	17.974	ng/ul	98
63) 4-Nitroaniline	15.610	138	145846	17.999	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.669	198	129130	16.432	ng/ul	99
67) N-Nitrosodiphenylamine	15.798	169	697147	18.819	ng/ul	100
68) 4-Bromophenyl-phenylether	16.475	248	248076	18.749	ng/ul	95
69) Hexachlorobenzene	16.587	284	285500	18.414	ng/ul	95
70) Atrazine	16.751	200	248670	17.936	ng/ul	94
71) Pentachlorophenol	16.934	266	165212	16.696	ng/ul	90
72) Phenanthrene	17.328	178	1300361	18.385	ng/ul	100
74) Anthracene	17.416	178	1320893	18.765	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	322314	18.137	ng/uL	97
76) Pentachlorobenzene	14.857	250	326496	18.341	ng/uL	97
77) Carbazole	17.692	167	1190588	18.628	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1382838	18.223	ng/ul	99
80) Fluoranthene	19.345	202	1497389	17.650	ng/ul	99
82) Pyrene	19.710	202	1562377	17.436	ng/ul	98
83) Butylbenzylphthalate	20.610	149	629763	17.752	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.392	252	519375	18.747	ng/ul	92
85) Benzo(a)anthracene	21.457	228	1510833	17.587	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.380	149	924153	17.942	ng/ul	95
87) Chrysene	21.510	228	1453178	18.041	ng/ul	99
89) Di-n-octyl phthalate	22.310	149	1521206	16.738	ng/ul	100
90) Benzo(b)fluoranthene	23.145	252	1603814	19.120	ng/ul	98
91) Benzo(k)fluoranthene	23.192	252	1488461	17.941	ng/ul	98
93) Benzo(a)pyrene	23.769	252	1291394	17.752	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.368	276	1650438	18.358	ng/ul	99
95) Dibenzo(a,h)anthracene	26.386	278	1365693	18.372	ng/ul	99
96) Benzo(g,h,i)perylene	27.145	276	1354896	18.924	ng/ul	97

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

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