Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023754.D
Acq On : 23 Jan 2023 16:16
Operator : CG/JU
Sample : PB150401BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 00:00:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 20 23:02:18 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS401

Manual IntegrationsAPPROVED

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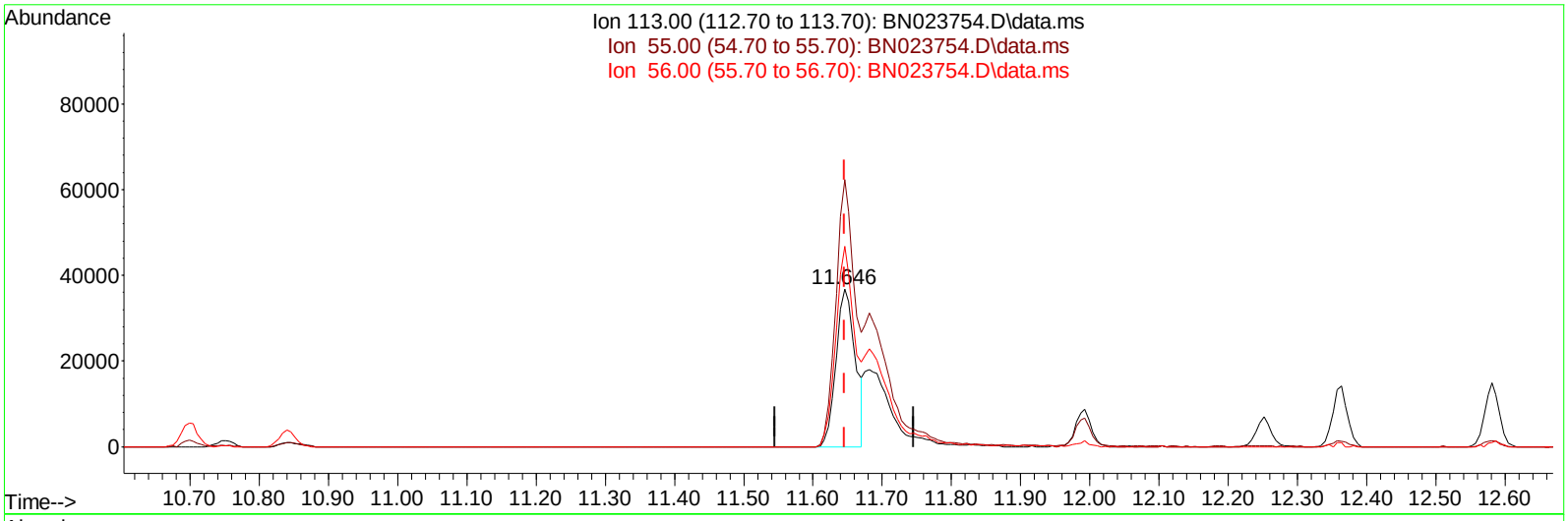
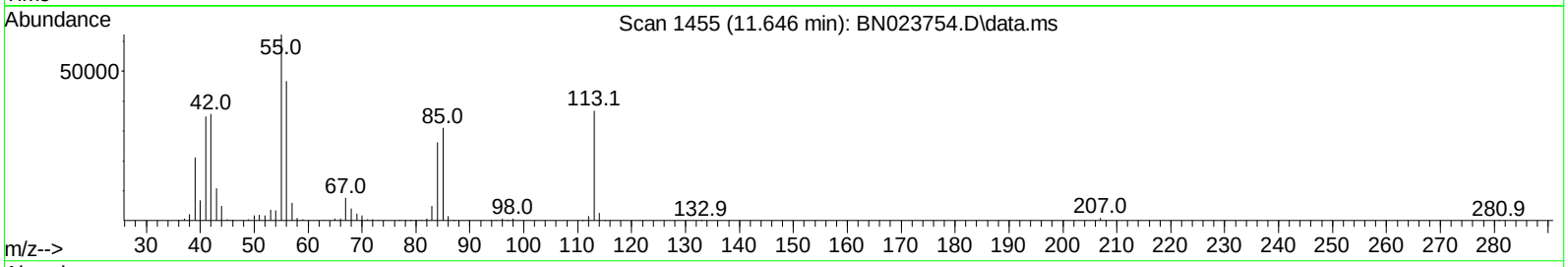
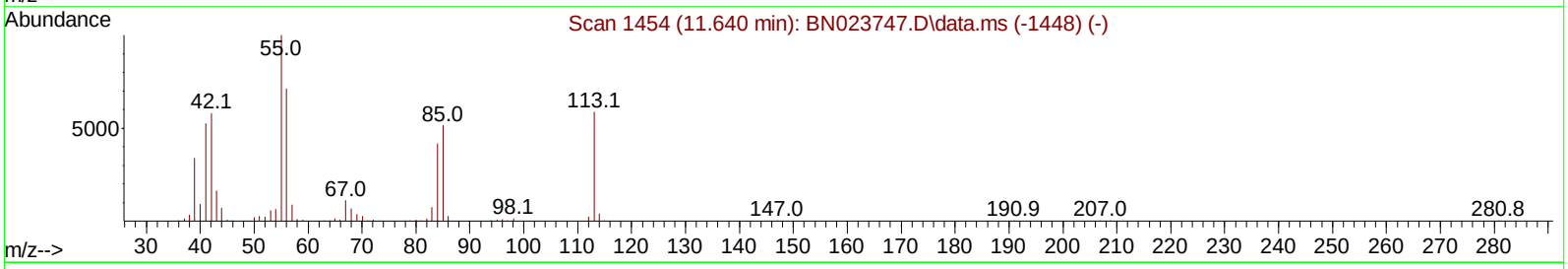
Supervised By :mohammad ahmed 01/24/2023







TIC: BN023754.D\data.ms

(34) Caprolactam

11.646min (+ 0.000) 17.82 ng/ul

response 70558

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	168.96
56.00	117.80	126.83
0.00	0.00	0.00

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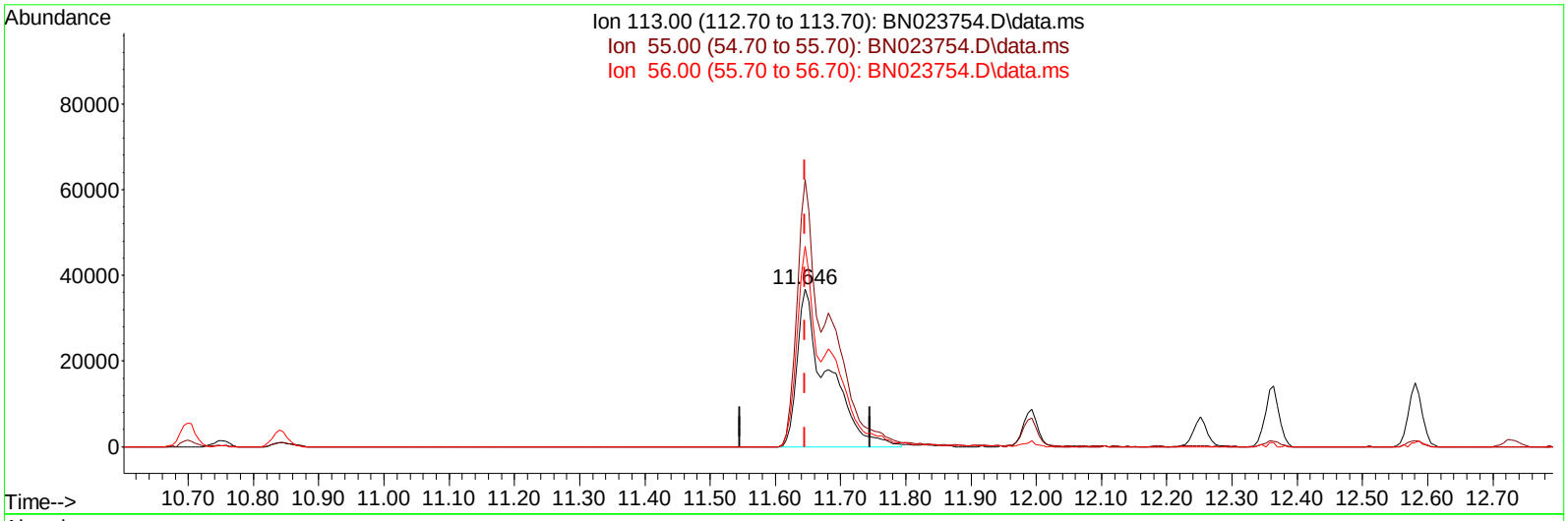

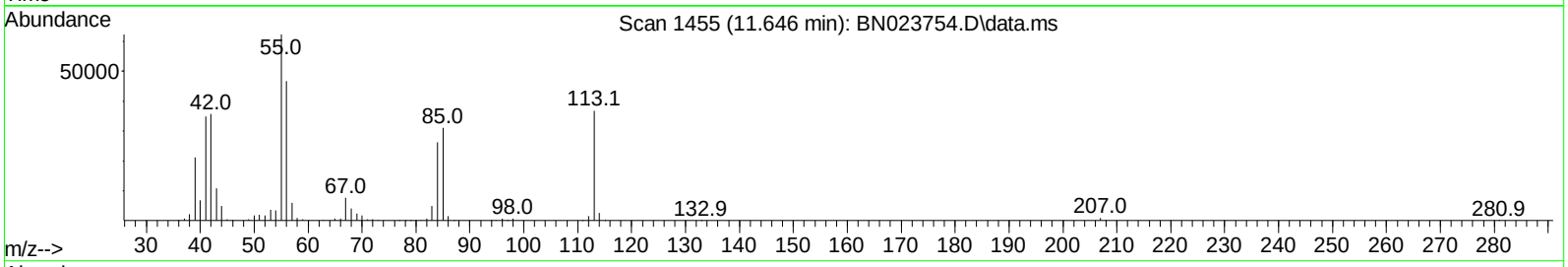

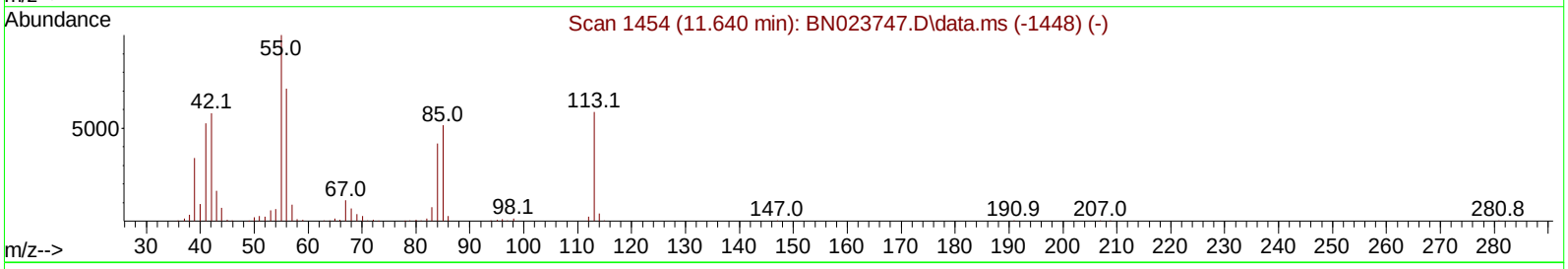

TIC: BN023754.D\data.ms

(34) Caprolactam

11.646min (+ 0.000) 30.35 ng/ul m

response 120194

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	168.96
56.00	117.80	126.83
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	175716	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	773961	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	462742	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.287	188	918208	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	982635	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1112822	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	26820	6.568	ng/uL	0.00
4) Pyridine-d5	3.693	84	367938	30.032	ng/ul	0.00
7) Phenol-d5	7.052	99	489240	31.415	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	301066	31.513	ng/ul	0.00
11) 2-Chlorophenol-d4	7.417	132	382759	32.092	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	376736	30.308	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	183949	31.518	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	194055	31.410	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	362278	30.742	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	487344	26.291	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1054743	30.641	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1206176	31.625	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	213950	30.531	ng/ul	0.00
60) Fluorene-d10	15.528	176	837254	28.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	169980	30.687	ng/ul	0.00
73) Anthracene-d10	17.387	188	1280359	31.161	ng/ul	0.00
81) Pyrene-d10	19.681	212	1661269	29.561	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	1697138	30.839	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	56828	13.183	ng/uL	99
5) Pyridine	3.717	79	399173	31.828	ng/ul	94
6) Benzaldehyde	7.028	77	290722	48.203	ng/ul	98
8) Phenol	7.081	94	525407	33.143	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.317	93	412228	32.910	ng/ul	99
12) 2-Chlorophenol	7.452	128	411927	33.421	ng/ul	99
13) 2-Methylphenol	8.340	108	384480	32.228	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	564663	33.707	ng/ul	99
16) Acetophenone	8.722	105	610032	31.753	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.711	70	318674	32.944	ng/ul	97
18) 4-Methylphenol	8.669	108	419445	31.927	ng/ul	98
19) Hexachloroethane	8.969	117	163980	33.264	ng/ul	99
22) Nitrobenzene	9.099	77	483578	33.107	ng/ul	97
23) Isophorone	9.628	82	866059	32.784	ng/ul	99
25) 2-Nitrophenol	9.816	139	223466	32.540	ng/ul	97
26) 2,4-Dimethylphenol	9.875	107	445524	31.967	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	544142	31.756	ng/ul	98
29) 2,4-Dichlorophenol	10.346	162	367532	31.169	ng/ul	98
30) Naphthalene	10.752	128	1294317	31.109	ng/ul	99
32) 4-Chloroaniline	10.863	127	509975	27.470	ng/ul	98
33) Hexachlorobutadiene	11.034	225	221299	30.343	ng/ul	96
34) Caprolactam	11.646	113	120194m	30.350	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	413645	32.173	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.363	142	854616	30.813	ng/ul	97
37) 1-Methylnaphthalene	12.581	142	843249	29.759	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.734	216	429767	31.402	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	255372	29.606	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	290804	32.235	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	320061	32.441	ng/ul	92
43) 1,1'-Biphenyl	13.375	154	1120327	31.381	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	871788	31.475	ng/ul	97
45) 2-Nitroaniline	13.622	65	278745	36.493	ng/ul	95
47) Dimethylphthalate	13.999	163	1101482	31.844	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	222278	33.992	ng/ul	98
50) Acenaphthylene	14.263	152	1369318	32.289	ng/ul	100
51) 3-Nitroaniline	14.451	138	229104	34.963	ng/ul	96
52) Acenaphthene	14.604	153	949031	31.741	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	106745	24.976	ng/ul	99
55) 4-Nitrophenol	14.757	109	183420	32.411	ng/ul	99
56) Dibenzofuran	14.934	168	1300158	31.241	ng/ul	95
57) 2,4-Dinitrotoluene	14.904	165	332664	34.848	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.163	232	263750	31.199	ng/ul	99
59) Diethylphthalate	15.363	149	1089534	31.445	ng/ul	99
61) Fluorene	15.587	166	941014	27.923	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	457936	27.912	ng/ul	99
63) 4-Nitroaniline	15.616	138	220946	36.622	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.669	198	177464	32.465	ng/ul	95
67) N-Nitrosodiphenylamine	15.793	169	842190	32.683	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	302603	32.878	ng/ul	96
69) Hexachlorobenzene	16.587	284	335311	31.089	ng/ul	92
70) Atrazine	16.751	200	302552	31.372	ng/ul	100
71) Pentachlorophenol	16.934	266	208978	30.360	ng/ul	96
72) Phenanthrene	17.328	178	1577425	32.062	ng/ul	99
74) Anthracene	17.422	178	1617943	33.043	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	433672	35.081	ng/uL	98
76) Pentachlorobenzene	14.857	250	420613	33.967	ng/uL	99
77) Carbazole	17.692	167	1593976	35.852	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1923344	36.436	ng/ul	99
80) Fluoranthene	19.345	202	2079784	31.641	ng/ul	99
82) Pyrene	19.710	202	2133397	30.728	ng/ul	99
83) Butylbenzylphthalate	20.610	149	905739	32.952	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.398	252	733125	34.154	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2174202	32.665	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1340891	33.599	ng/ul	98
87) Chrysene	21.516	228	2032188	32.563	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	2324987	30.272	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	2283922	32.220	ng/ul	97
91) Benzo(k)fluoranthene	23.210	252	2170812	30.962	ng/ul	97
93) Benzo(a)pyrene	23.804	252	2025073	32.941	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.421	276	2517847	33.140	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	2149116	34.210	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	2026778	33.497	ng/ul	96

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

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