Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
Data File : BN023786.D
Acq On : 24 Jan 2023 20:41
Operator : CG/JU
Sample : PB150438BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 24 23:59:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 23:52:16 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS438

Manual IntegrationsAPPROVED

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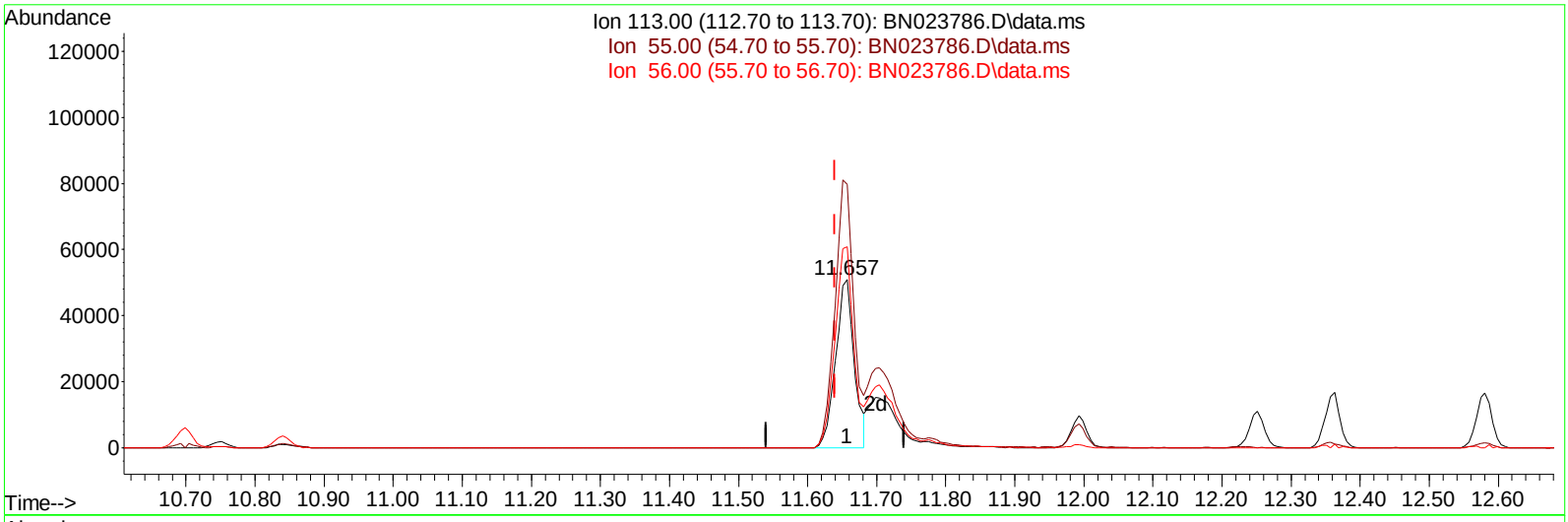
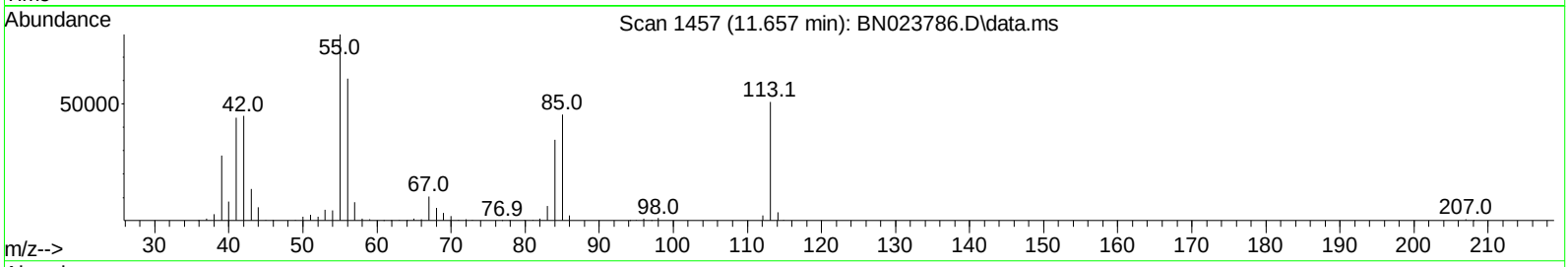
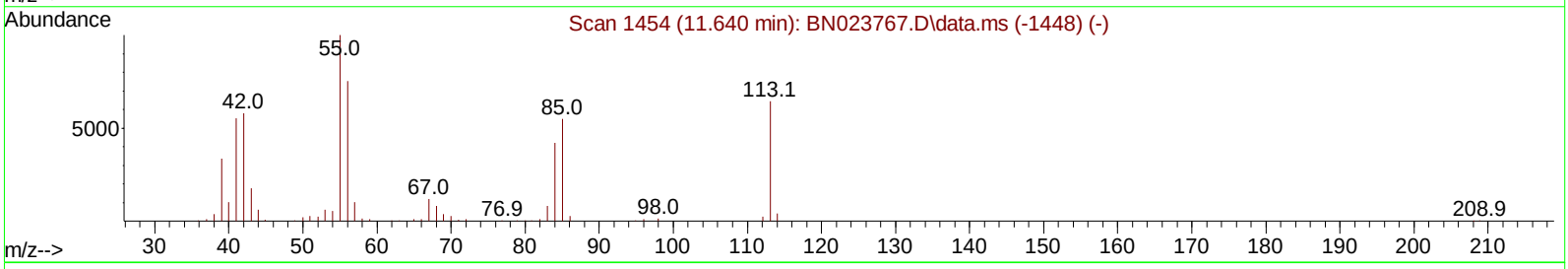
Supervised By :Yogesh Patel 01/25/2023







TIC: BN023786.D\data.ms

(34) Caprolactam

11.657min (+ 0.017) 22.66 ng/ul

response 94521

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	156.70
56.00	117.80	119.71
0.00	0.00	0.00

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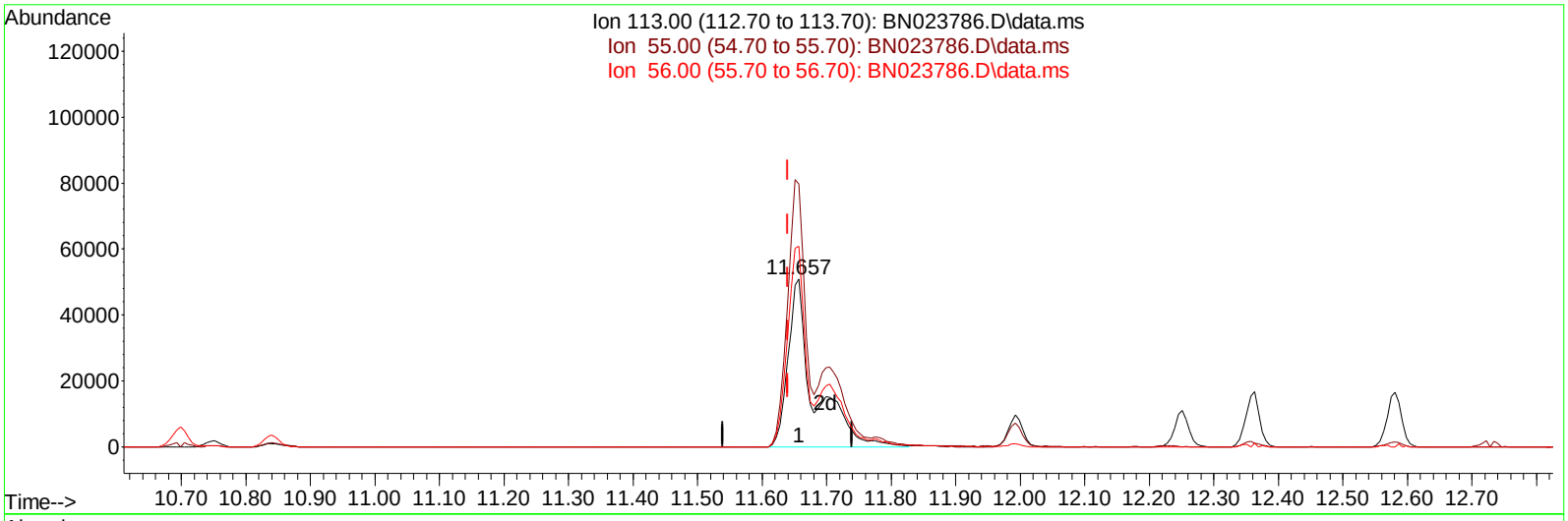

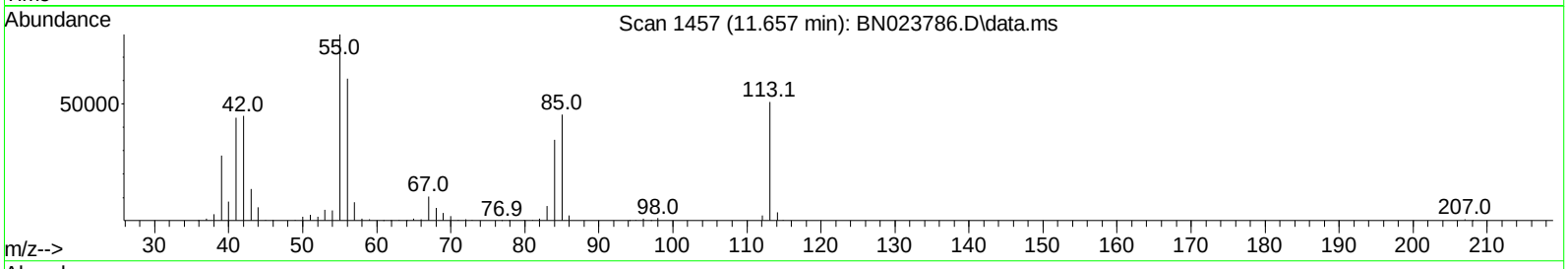

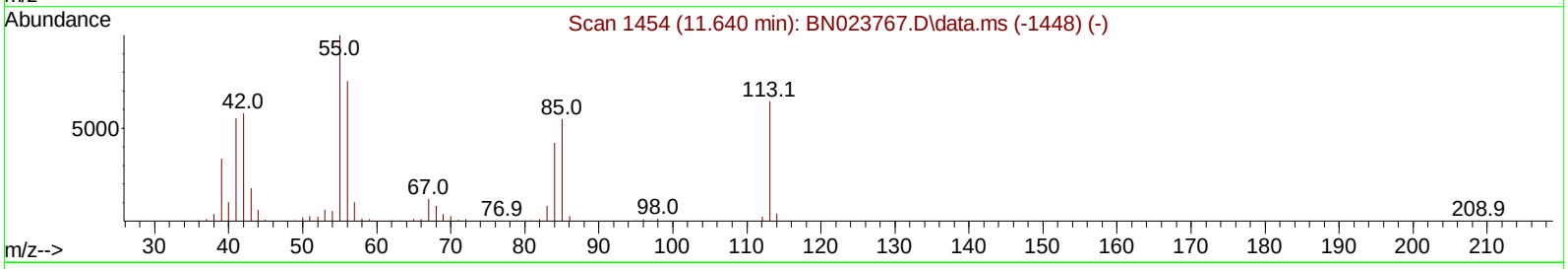

TIC: BN023786.D\data.ms

(34) Caprolactam

11.657min (+ 0.017) 33.97 ng/ul m

response 141737

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	161.40	156.70
56.00	117.80	119.71
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	168791	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	815324	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	479104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	965506	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	823524	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	685874	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	34131	8.702	ng/uL	0.00
4) Pyridine-d5	3.693	84	357806	30.404	ng/ul	0.00
7) Phenol-d5	7.052	99	639363	42.740	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	398876	43.464	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	516835	45.111	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	474564	39.745	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	252528	41.074	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	280443	43.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	498489	40.155	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	481295	24.648	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	1441450	40.445	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	1624128	41.129	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	267957	36.931	ng/ul	0.00
60) Fluorene-d10	15.528	176	1185490	38.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	236742	40.646	ng/ul	0.00
73) Anthracene-d10	17.380	188	1563035	36.177	ng/ul	0.00
81) Pyrene-d10	19.680	212	2016572	42.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	1402512	41.350	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	65708	15.869	ng/uL	100
5) Pyridine	3.711	79	457943	38.012	ng/ul	98
6) Benzaldehyde	7.022	77	399065	68.881	ng/ul	98
8) Phenol	7.081	94	638367	41.921	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.316	93	511155	42.483	ng/ul	97
12) 2-Chlorophenol	7.452	128	512247	43.265	ng/ul	100
13) 2-Methylphenol	8.340	108	450449	39.307	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	616218	38.293	ng/ul	98
16) Acetophenone	8.722	105	738588	40.022	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	382828	41.200	ng/ul	100
18) 4-Methylphenol	8.669	108	485663	38.484	ng/ul	100
19) Hexachloroethane	8.969	117	213570	45.101	ng/ul	97
22) Nitrobenzene	9.099	77	601538	39.093	ng/ul	100
23) Isophorone	9.628	82	1103467	39.652	ng/ul	100
25) 2-Nitrophenol	9.816	139	290865	40.205	ng/ul	99
26) 2,4-Dimethylphenol	9.875	107	549853	37.451	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.116	93	686353	38.024	ng/ul	98
29) 2,4-Dichlorophenol	10.346	162	478802	38.546	ng/ul	97
30) Naphthalene	10.751	128	1602727	36.567	ng/ul	100
32) 4-Chloroaniline	10.863	127	609843	31.183	ng/ul	99
33) Hexachlorobutadiene	11.028	225	287718	37.449	ng/ul	96
34) Caprolactam	11.657	113	141737m	33.974	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	463077	34.190	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.357	142	939526	32.156	ng/ul	95
37) 1-Methylnaphthalene	12.581	142	957887	32.090	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.728	216	508306	35.873	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	338320	37.883	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	340523	36.458	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	398127	38.976	ng/ul	93
43) 1,1'-Biphenyl	13.369	154	1405565	38.026	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	1102048	38.430	ng/ul	100
45) 2-Nitroaniline	13.628	65	347407	43.929	ng/ul	96
47) Dimethylphthalate	13.998	163	1410483	39.385	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	300886	44.442	ng/ul	96
50) Acenaphthylene	14.257	152	1687246	38.427	ng/ul	99
51) 3-Nitroaniline	14.451	138	293952	43.327	ng/ul	98
52) Acenaphthene	14.604	153	1155941	37.341	ng/ul	99
53) 2,4-Dinitrophenol	14.657	184	137943	31.174	ng/ul	97
55) 4-Nitrophenol	14.763	109	212008	36.183	ng/ul	98
56) Dibenzofuran	14.934	168	1616178	37.508	ng/ul	97
57) 2,4-Dinitrotoluene	14.910	165	427475	43.250	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	354999	40.559	ng/ul	98
59) Diethylphthalate	15.363	149	1454167	40.535	ng/ul	99
61) Fluorene	15.586	166	1268638	36.359	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	646273	38.047	ng/ul	96
63) 4-Nitroaniline	15.616	138	307155	49.172	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.669	198	225638	39.256	ng/ul	98
67) N-Nitrosodiphenylamine	15.798	169	1130173	41.711	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	409085	42.271	ng/ul	96
69) Hexachlorobenzene	16.586	284	470560	41.492	ng/ul	97
70) Atrazine	16.751	200	408426	40.276	ng/ul	98
71) Pentachlorophenol	16.933	266	261537	36.134	ng/ul	98
72) Phenanthrene	17.328	178	1914951	37.015	ng/ul	99
74) Anthracene	17.416	178	1793456	34.833	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	564451	43.423	ng/uL	97
76) Pentachlorobenzene	14.857	250	524787	40.304	ng/uL	94
77) Carbazole	17.692	167	1652332	35.344	ng/ul	100
78) Di-n-butylphthalate	18.251	149	2234033	40.249	ng/ul	100
80) Fluoranthene	19.345	202	2369658	43.016	ng/ul	100
82) Pyrene	19.704	202	2398088	41.214	ng/ul	99
83) Butylbenzylphthalate	20.610	149	1085679	47.130	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	733004	40.746	ng/ul	97
85) Benzo(a)anthracene	21.463	228	2188485	39.232	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.386	149	1559035	46.613	ng/ul	99
87) Chrysene	21.516	228	2074682	39.666	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	2449374	51.744	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1910794	43.736	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	1888255	43.696	ng/ul	99
93) Benzo(a)pyrene	23.792	252	1534671	40.503	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	1957056	41.793	ng/ul	98
95) Dibenzo(a,h)anthracene	26.421	278	1643085	42.436	ng/ul	98
96) Benzo(g,h,i)perylene	27.186	276	1573000	42.180	ng/ul	98

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

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