Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024940.D
Acq On : 15 Apr 2023 18:18
Operator : CG/JU
Sample : PB152119BS
Misc :
ALS Vial : 88 Sample Multiplier: 1

Quant Time: Apr 17 03:57:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 17 02:58:51 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS119

Manual IntegrationsAPPROVED

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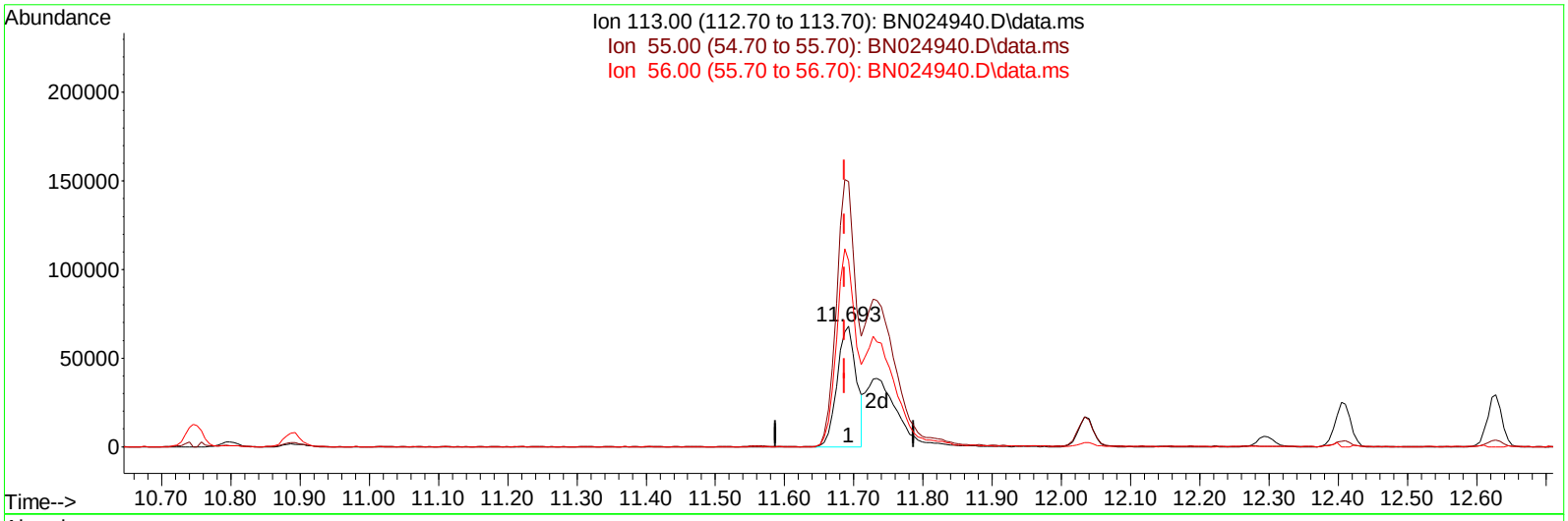
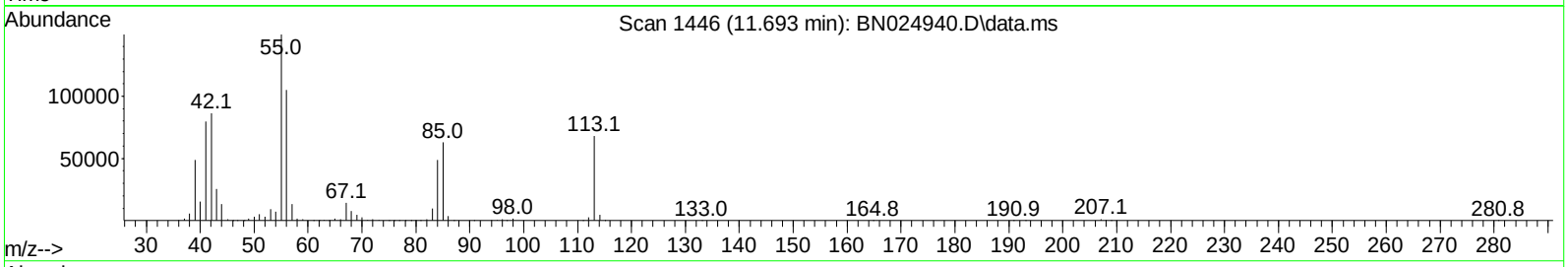
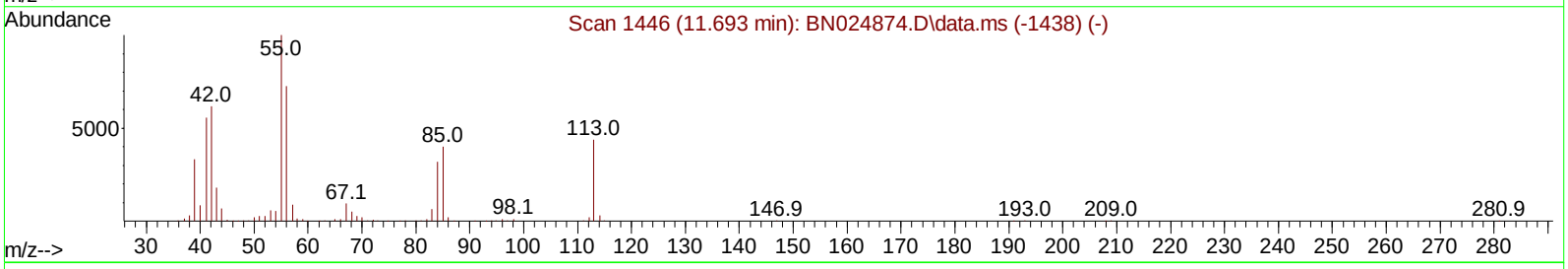
Supervised By :Jagrut Upadhyay 04/17/2023







TIC: BN024940.D\data.ms

(34) Caprolactam

11.693min (+ 0.006) 16.82 ng/ul

response 130200

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	219.76
56.00	166.90	154.41
0.00	0.00	0.00

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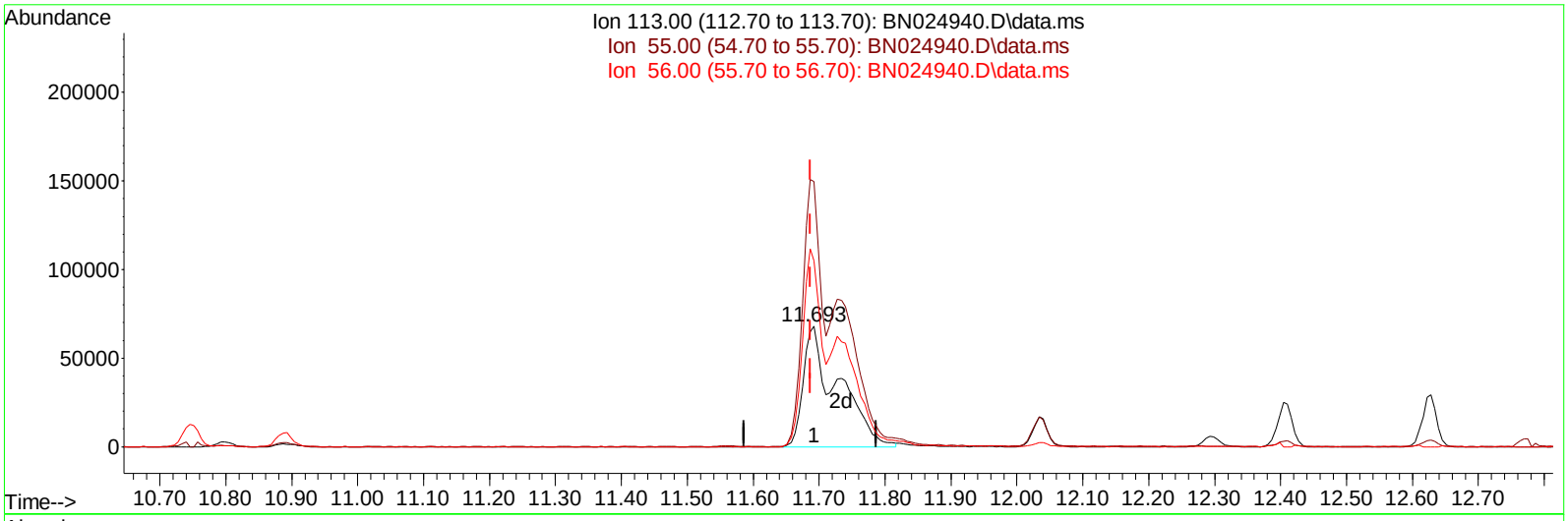

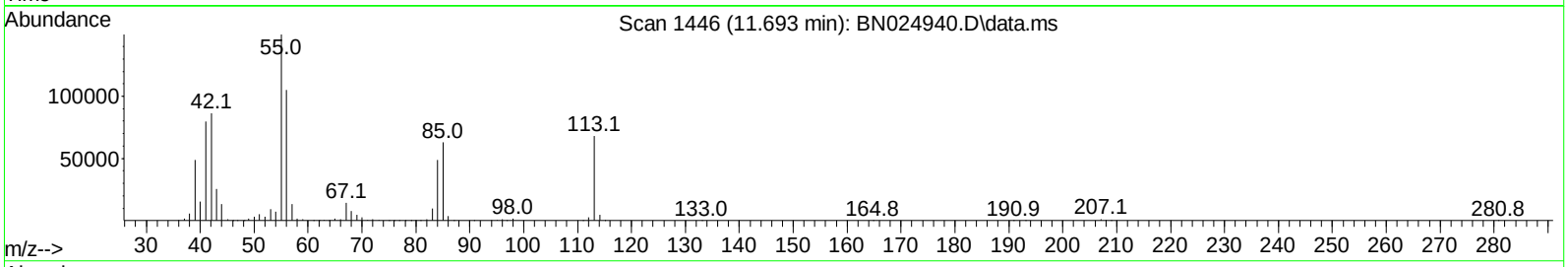

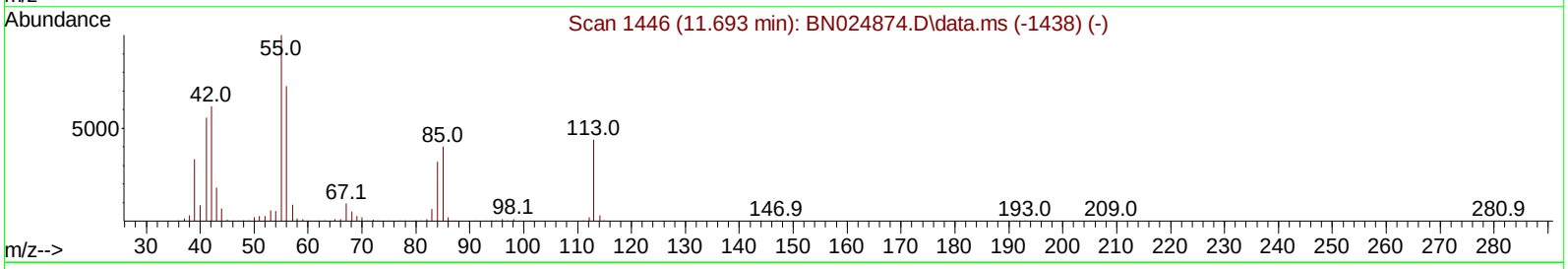

TIC: BN024940.D\data.ms

(34) Caprolactam

11.693min (+ 0.006) 32.04 ng/ul m

response 247968

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	219.76
56.00	166.90	154.41
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	7.934	152	314567	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1403547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	872037	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1925850	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1813828	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1977318	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	46768	5.658	ng/uL	0.00
4) Pyridine-d5	3.728	84	747484	30.203	ng/ul	0.00
7) Phenol-d5	7.099	99	948563	30.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	624304	30.435	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	718328	31.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	762268	31.309	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	360707	31.740	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	400997	32.577	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	718173	32.642	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	879974	26.355	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	2166773	32.052	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	2491544	32.163	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	461021	33.269	ng/ul	0.00
60) Fluorene-d10	15.575	176	1820223	31.891	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	405824	32.380	ng/ul	0.00
73) Anthracene-d10	17.428	188	2922715	32.313	ng/ul	0.00
81) Pyrene-d10	19.722	212	3416945	32.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	3416075	33.042	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	101457	11.375	ng/uL	95
5) Pyridine	3.752	79	762327	29.814	ng/ul	98
6) Benzaldehyde	7.069	77	247474	16.515	ng/ul	97
8) Phenol	7.122	94	984561	30.826	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.357	93	749564	29.893	ng/ul	100
12) 2-Chlorophenol	7.493	128	729638	30.997	ng/ul	98
13) 2-Methylphenol	8.381	108	719788	30.695	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1439204	29.230	ng/ul	99
16) Acetophenone	8.763	105	1150593	29.888	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	623241	30.014	ng/ul	99
18) 4-Methylphenol	8.710	108	796353	30.539	ng/ul	94
19) Hexachloroethane	9.016	117	294647	31.015	ng/ul	97
22) Nitrobenzene	9.146	77	932560	30.539	ng/ul	99
23) Isophorone	9.675	82	1710909	30.522	ng/ul	100
25) 2-Nitrophenol	9.863	139	421850	31.770	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	833677	29.820	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.157	93	1048232	30.049	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	698635	31.639	ng/ul	96
30) Naphthalene	10.799	128	2382407	30.393	ng/ul	99
32) 4-Chloroaniline	10.910	127	538923	15.944	ng/ul	100
33) Hexachlorobutadiene	11.081	225	401615	31.205	ng/ul	95
34) Caprolactam	11.693	113	247968m	32.039	ng/ul	
35) 4-Chloro-3-methylphenol	12.034	107	838963	32.404	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1595937	30.807	ng/ul	98
37) 1-Methylnaphthalene	12.628	142	1632931	31.576	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.775	216	794180	31.222	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	451989	29.140	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	540527	31.101	ng/ul	99
42) 2,4,5-Trichlorophenol	13.087	196	608337	31.986	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	2141064	30.816	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	1655913	30.694	ng/ul	100
45) 2-Nitroaniline	13.669	65	621300	32.980	ng/ul	97
47) Dimethylphthalate	14.040	163	2150673	31.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	447357	33.695	ng/ul	100
50) Acenaphthylene	14.304	152	2645202	31.088	ng/ul	100
51) 3-Nitroaniline	14.492	138	448954	32.179	ng/ul	98
52) Acenaphthene	14.645	153	1821440	30.964	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	280137	32.817	ng/ul	93
55) 4-Nitrophenol	14.798	109	375910	33.330	ng/ul	94
56) Dibenzofuran	14.981	168	2544108	31.378	ng/ul	97
57) 2,4-Dinitrotoluene	14.945	165	654588	34.060	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	488027	31.162	ng/ul	98
59) Diethylphthalate	15.404	149	2211038	32.350	ng/ul	99
61) Fluorene	15.628	166	2069105	31.727	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.622	204	975215	32.127	ng/ul	98
63) 4-Nitroaniline	15.657	138	514499	37.420	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	403921	32.900	ng/ul	100
67) N-Nitrosodiphenylamine	15.839	169	1783586	30.527	ng/ul	96
68) 4-Bromophenyl-phenylether	16.516	248	610099	31.517	ng/ul	97
69) Hexachlorobenzene	16.633	284	714849	32.616	ng/ul	99
70) Atrazine	16.786	200	16452	0.828	ng/ul	93
71) Pentachlorophenol	16.975	266	409069	30.028	ng/ul	95
72) Phenanthrene	17.369	178	3408651	31.365	ng/ul	99
74) Anthracene	17.463	178	3429037	31.312	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	814050	29.719	ng/uL	97
76) Pentachlorobenzene	14.898	250	803030	30.641	ng/uL	98
77) Carbazole	17.733	167	3180367	32.164	ng/ul	97
78) Di-n-butylphthalate	18.292	149	3942949	33.595	ng/ul	99
80) Fluoranthene	19.386	202	4077003	32.297	ng/ul	99
82) Pyrene	19.751	202	4201778	31.623	ng/ul	97
83) Butylbenzylphthalate	20.651	149	1872781	33.949	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	1144996	27.513	ng/ul	95
85) Benzo(a)anthracene	21.510	228	4200311	32.243	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	2805192	34.064	ng/ul	99
87) Chrysene	21.563	228	3995395	32.200	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	4979403	36.644	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4325001	33.353	ng/ul	96
91) Benzo(k)fluoranthene	23.274	252	4175748	32.726	ng/ul	98
93) Benzo(a)pyrene	23.874	252	3754001	33.066	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.539	276	4267397	31.023	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	3598686	31.688	ng/ul	98
96) Benzo(g,h,i)perylene	27.321	276	3399876	30.459	ng/ul	98

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

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