Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024922.D
Acq On : 15 Apr 2023 06:45
Operator : CG/JU
Sample : PB152131BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

Quant Time: Apr 17 02:50:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 15 00:01:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS131

Manual IntegrationsAPPROVED

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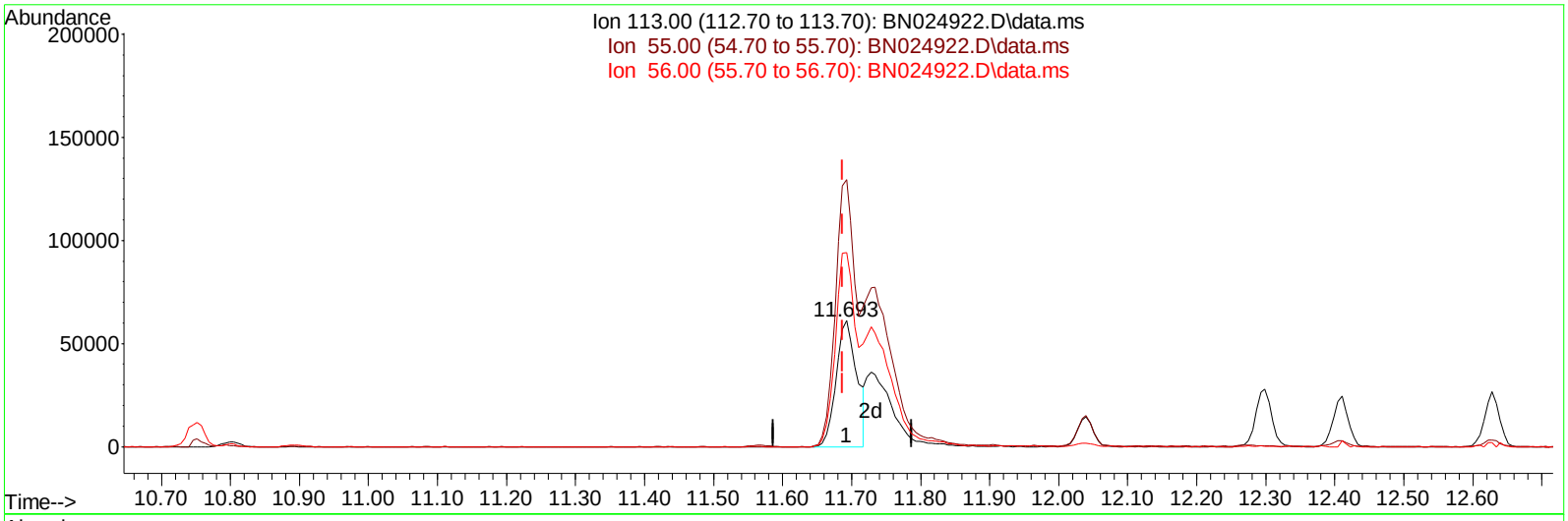
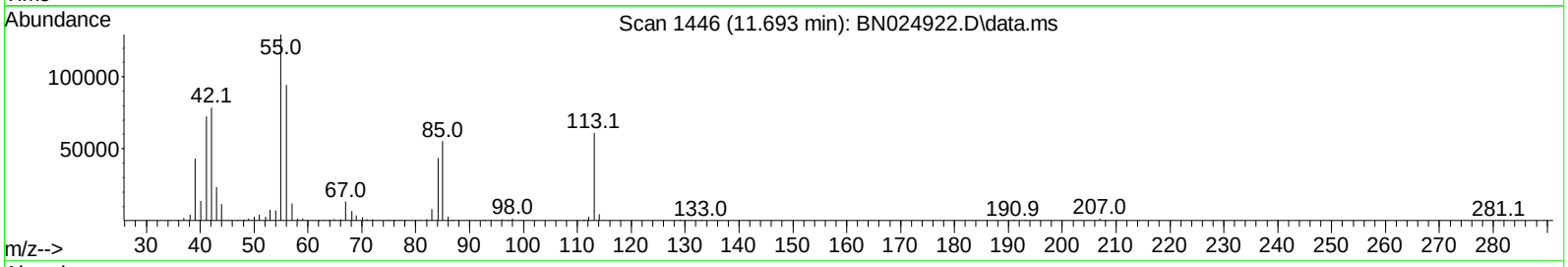
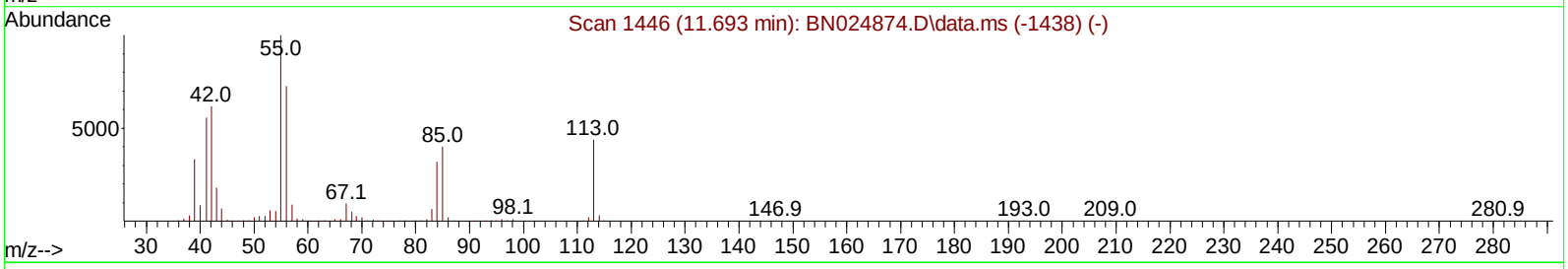
Supervised By :Jagrut Upadhyay 04/17/2023







TIC: BN024922.D\data.ms

(34) Caprolactam

11.693min (+ 0.006) 16.71 ng/ul

response 127123

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	211.85
56.00	166.90	154.26
0.00	0.00	0.00

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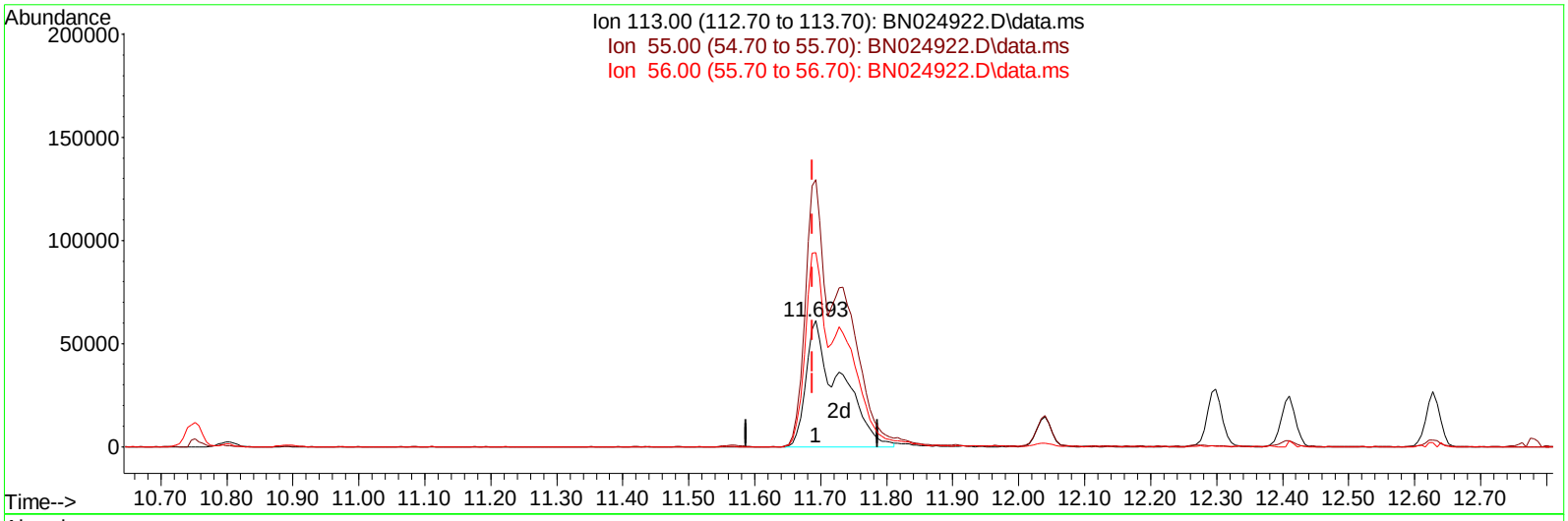

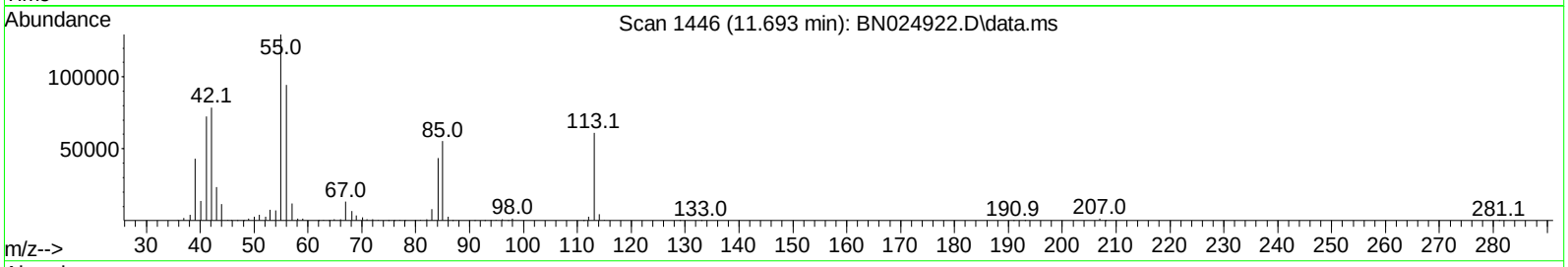

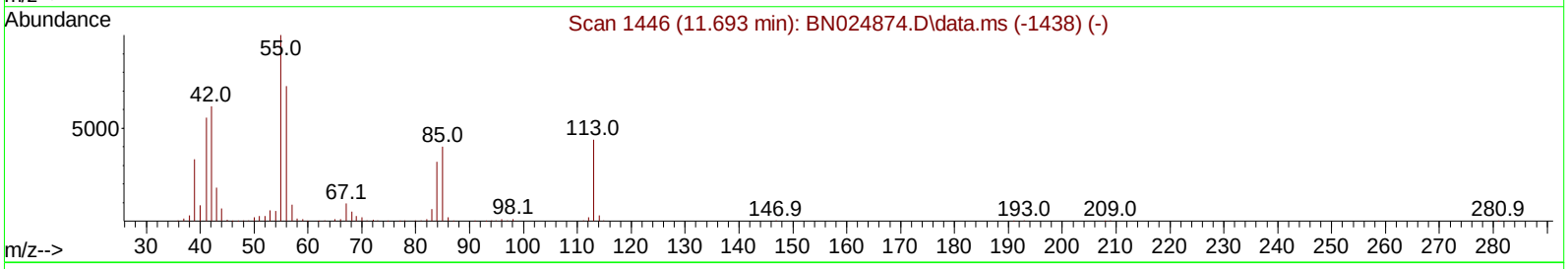

TIC: BN024922.D\data.ms

(34) Caprolactam

11.693min (+ 0.006) 28.96 ng/ul m

response 220288

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	211.85
56.00	166.90	154.26
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	315498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	1379313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	864002	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1901549	20.000	ng/ul	0.00
79) Chrysene-d12	21.522	240	1725281	20.000	ng/ul	0.00
88) Perylene-d12	23.957	264	1742944	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	43603	5.260	ng/uL	0.00
4) Pyridine-d5	3.734	84	402847	16.229	ng/ul	0.00
7) Phenol-d5	7.099	99	865873	28.150	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	561150	27.276	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	641099	28.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	688168	28.182	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	321003	28.743	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	356441	29.466	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	639114	29.559	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	73358	2.236	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1960404	29.269	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	2251949	29.340	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	416572	30.341	ng/ul	0.00
60) Fluorene-d10	15.575	176	1650643	29.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	361883	29.243	ng/ul	0.00
73) Anthracene-d10	17.428	188	2597598	29.086	ng/ul	0.00
81) Pyrene-d10	19.722	212	3055004	30.494	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.804	264	2704934	29.681	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	93426	10.444	ng/uL	99
5) Pyridine	3.758	79	402613	15.699	ng/ul	98
6) Benzaldehyde	7.069	77	413252	27.497	ng/ul	96
8) Phenol	7.122	94	892510	27.861	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.358	93	689527	27.418	ng/ul	98
12) 2-Chlorophenol	7.499	128	666227	28.219	ng/ul	98
13) 2-Methylphenol	8.387	108	655407	27.867	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1311350	26.555	ng/ul	99
16) Acetophenone	8.769	105	1061060	27.481	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.752	70	572880	27.507	ng/ul	96
18) 4-Methylphenol	8.716	108	733301	28.038	ng/ul	96
19) Hexachloroethane	9.022	117	267369	28.061	ng/ul	97
22) Nitrobenzene	9.152	77	853682	28.447	ng/ul	99
23) Isophorone	9.675	82	1549339	28.126	ng/ul	99
25) 2-Nitrophenol	9.863	139	385420	29.536	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	790757	28.782	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.157	93	952642	27.788	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	642065	29.588	ng/ul	98
30) Naphthalene	10.799	128	2197975	28.533	ng/ul	99
32) 4-Chloroaniline	10.916	127	123908	3.730	ng/ul	99
33) Hexachlorobutadiene	11.087	225	359899	28.455	ng/ul	96
34) Caprolactam	11.693	113	220288m	28.963	ng/ul	
35) 4-Chloro-3-methylphenol	12.040	107	769099	30.228	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.410	142	1463346	28.743	ng/ul	98
37)	1-Methylnaphthalene	12.628	142	1498144	29.479	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.775	216	716436	28.428	ng/ul	98
40)	Hexachlorocyclopentadiene	12.757	237	425754	27.704	ng/ul	98
41)	2,4,6-Trichlorophenol	13.016	196	495588	28.781	ng/ul	97
42)	2,4,5-Trichlorophenol	13.087	196	575545	30.543	ng/ul	97
43)	1,1'-Biphenyl	13.416	154	1934360	28.100	ng/ul	98
44)	2-Chloronaphthalene	13.457	162	1502332	28.106	ng/ul	100
45)	2-Nitroaniline	13.669	65	565676	30.307	ng/ul	100
47)	Dimethylphthalate	14.040	163	2003579	29.730	ng/ul	99
48)	2,6-Dinitrotoluene	14.163	165	412067	31.326	ng/ul	97
50)	Acenaphthylene	14.304	152	2401201	28.483	ng/ul	100
51)	3-Nitroaniline	14.493	138	84496	6.113	ng/ul	98
52)	Acenaphthene	14.645	153	1677428	28.781	ng/ul	97
53)	2,4-Dinitrophenol	14.698	184	249245	29.470	ng/ul	97
55)	4-Nitrophenol	14.798	109	337288	30.183	ng/ul	97
56)	Dibenzofuran	14.981	168	2268566	28.239	ng/ul	99
57)	2,4-Dinitrotoluene	14.951	165	615432	32.321	ng/ul	91
58)	2,3,4,6-Tetrachlorophenol	15.210	232	460280	29.663	ng/ul	96
59)	Diethylphthalate	15.404	149	2050003	30.272	ng/ul	98
61)	Fluorene	15.628	166	1909450	29.551	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.622	204	906230	30.132	ng/ul	99
63)	4-Nitroaniline	15.657	138	396310	29.092	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.710	198	362605	29.912	ng/ul	99
67)	N-Nitrosodiphenylamine	15.834	169	1358121	23.542	ng/ul	97
68)	4-Bromophenyl-phenylether	16.516	248	557232	29.154	ng/ul	97
69)	Hexachlorobenzene	16.634	284	647326	29.913	ng/ul	98
70)	Atrazine	16.787	200	38646	1.969	ng/ul	95
71)	Pentachlorophenol	16.981	266	391022	29.070	ng/ul	99
72)	Phenanthrene	17.375	178	3100585	28.895	ng/ul	99
74)	Anthracene	17.463	178	3136076	29.003	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.381	216	728310	26.928	ng/uL	98
76)	Pentachlorobenzene	14.898	250	726857	28.089	ng/uL	96
77)	Carbazole	17.734	167	2613127	26.765	ng/ul	98
78)	Di-n-butylphthalate	18.298	149	3526562	30.432	ng/ul	99
80)	Fluoranthene	19.386	202	3628723	30.221	ng/ul	99
82)	Pyrene	19.751	202	3719472	29.430	ng/ul	99
83)	Butylbenzylphthalate	20.645	149	1676129	31.944	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.433	252	3364	0.085	ng/ul#	82
85)	Benzo(a)anthracene	21.504	228	3694151	29.813	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.422	149	2461131	31.420	ng/ul	100
87)	Chrysene	21.557	228	3543287	30.022	ng/ul	98
89)	Di-n-octyl phthalate	22.363	149	4316155	36.035	ng/ul	100
90)	Benzo(b)fluoranthene	23.216	252	3730635	32.638	ng/ul	94
91)	Benzo(k)fluoranthene	23.269	252	3664590	32.582	ng/ul	98
93)	Benzo(a)pyrene	23.851	252	3179241	31.769	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.498	276	3577453	29.504	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.515	278	2926089	29.231	ng/ul	94
96)	Benzo(g,h,i)perylene	27.280	276	2870015	29.170	ng/ul	98

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

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