Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024889.D
Acq On : 14 Apr 2023 09:44
Operator : CG/JU
Sample : PB152108BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 14 22:35:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 14 22:34:56 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS108

Manual IntegrationsAPPROVED

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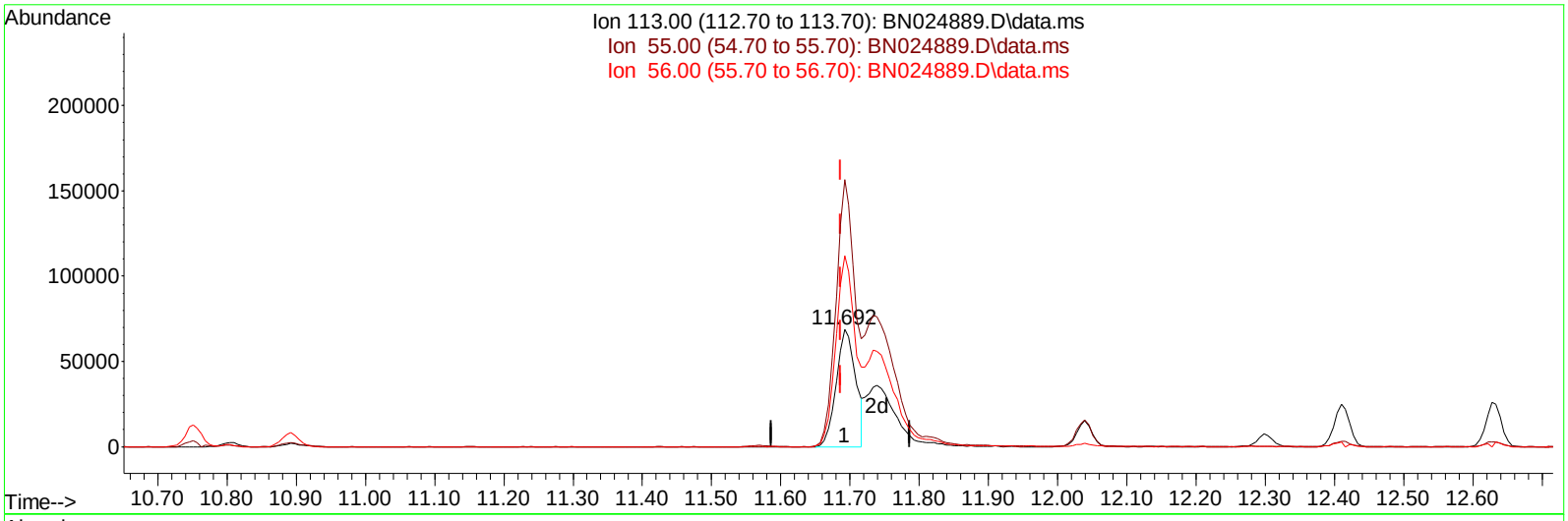
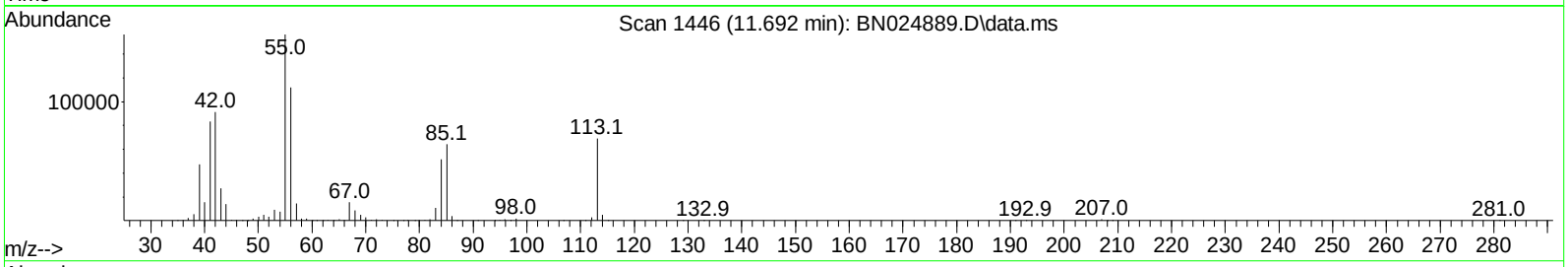
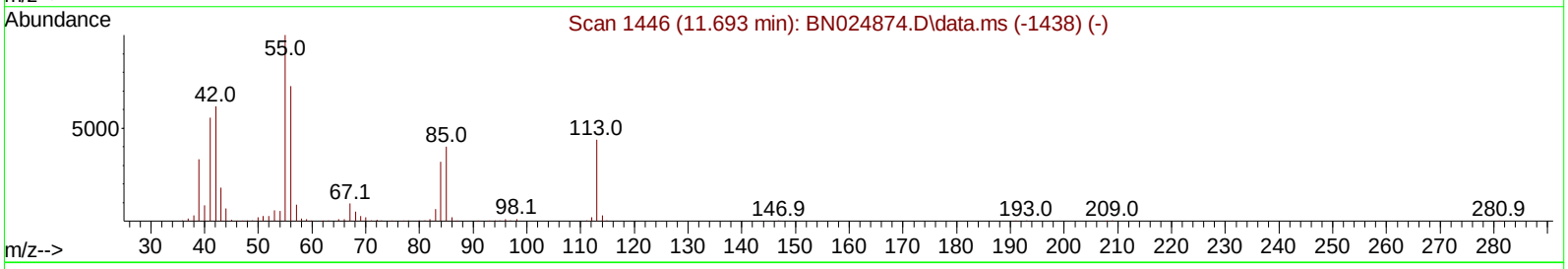
Supervised By :Jagrut Upadhyay 04/17/2023







TIC: BN024889.D\data.ms

(34) Caprolactam

11.692min (+ 0.006) 17.81 ng/ul

response 133459

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	226.84
56.00	166.90	162.60
0.00	0.00	0.00

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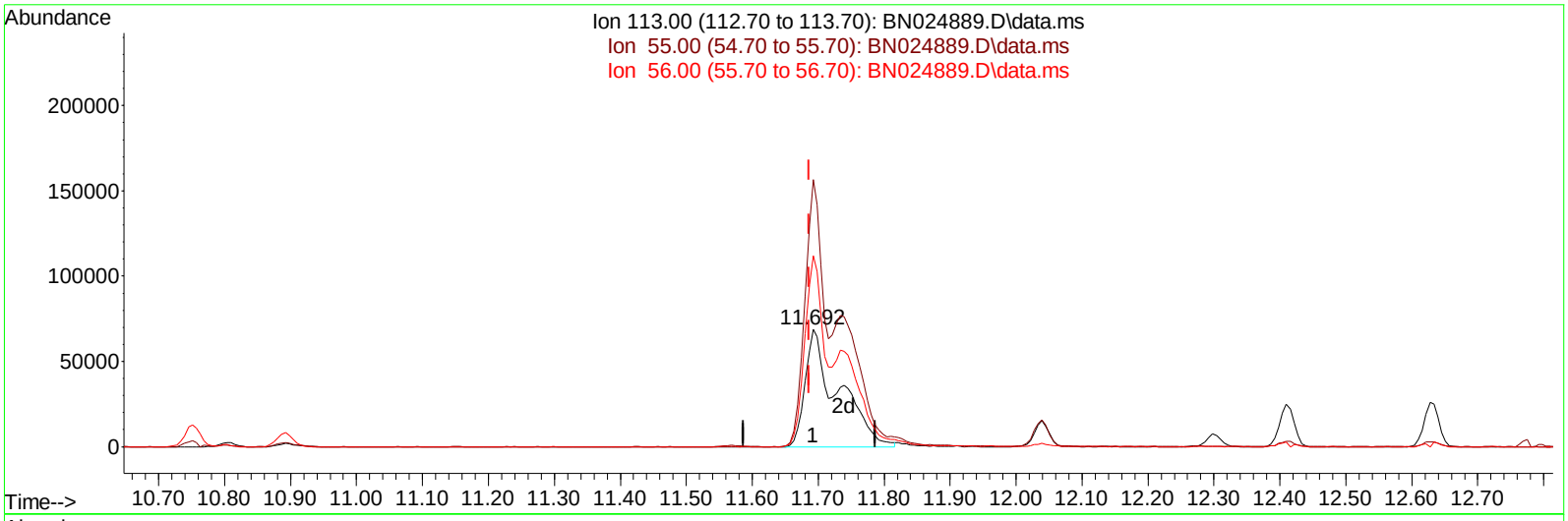

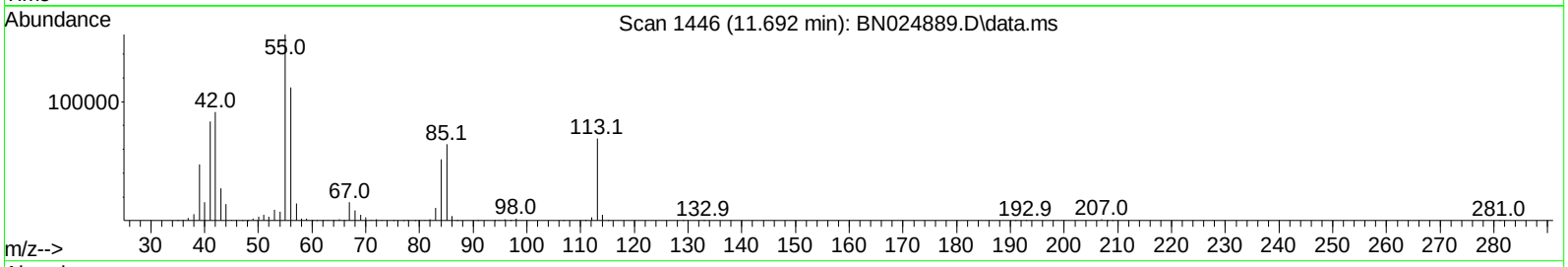

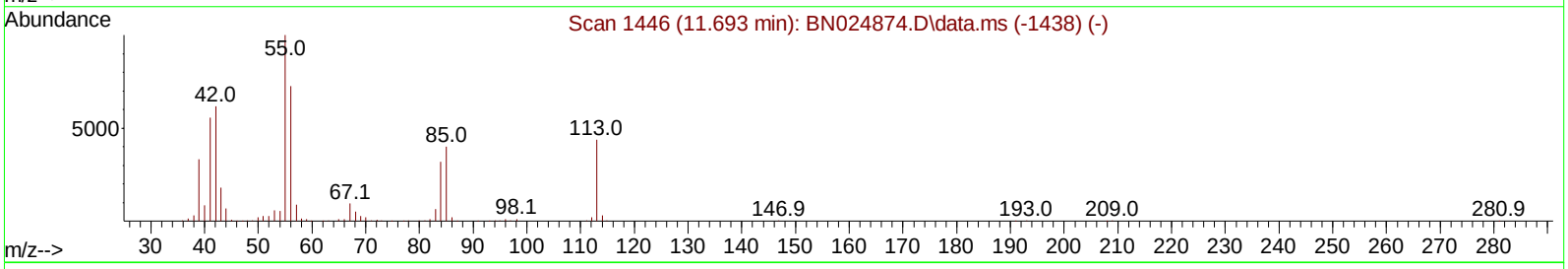

TIC: BN024889.D\data.ms

(34) Caprolactam

11.692min (+ 0.006) 31.98 ng/ul m

response 239612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	235.40	226.84
56.00	166.90	162.60
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	7.939	152	309830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	1358974	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	839420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1827850	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1756793	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1909451	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	47473	5.832	ng/uL	0.00
4) Pyridine-d5	3.734	84	701684	28.786	ng/ul	0.00
7) Phenol-d5	7.098	99	929423	30.769	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	610578	30.221	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	690657	31.113	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	722943	30.148	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	351887	31.980	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	387065	32.476	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	667920	31.354	ng/ul	0.00
31) 4-Chloroaniline-d4	10.892	131	931880	28.825	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	2048623	31.482	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	2374843	31.847	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	438271	32.856	ng/ul	0.00
60) Fluorene-d10	15.574	176	1765724	32.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	377722	31.753	ng/ul	0.00
73) Anthracene-d10	17.433	188	2743117	31.953	ng/ul	0.00
81) Pyrene-d10	19.727	212	3104989	30.437	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	3255148	32.604	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	95913	10.918	ng/uL	95
5) Pyridine	3.751	79	694457	27.575	ng/ul	97
6) Benzaldehyde	7.075	77	505869	34.276	ng/ul	99
8) Phenol	7.128	94	941987	29.944	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.363	93	733235	29.689	ng/ul	96
12) 2-Chlorophenol	7.498	128	694242	29.944	ng/ul	99
13) 2-Methylphenol	8.387	108	675828	29.261	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1408910	29.053	ng/ul	100
16) Acetophenone	8.769	105	1110167	29.278	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.757	70	606355	29.647	ng/ul	99
18) 4-Methylphenol	8.716	108	760021	29.591	ng/ul	97
19) Hexachloroethane	9.022	117	281120	30.043	ng/ul	95
22) Nitrobenzene	9.151	77	903040	30.542	ng/ul	99
23) Isophorone	9.681	82	1659049	30.568	ng/ul	100
25) 2-Nitrophenol	9.863	139	405639	31.551	ng/ul	98
26) 2,4-Dimethylphenol	9.922	107	716325	26.463	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.163	93	1003747	29.717	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	650170	30.410	ng/ul	96
30) Naphthalene	10.804	128	2262738	29.813	ng/ul	99
32) 4-Chloroaniline	10.916	127	877022	26.798	ng/ul	99
33) Hexachlorobutadiene	11.086	225	369611	29.660	ng/ul	94
34) Caprolactam	11.692	113	239612m	31.975	ng/ul	
35) 4-Chloro-3-methylphenol	12.039	107	783809	31.267	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	1502907	29.962	ng/ul	99
37) 1-Methylnaphthalene	12.628	142	1555039	31.056	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.780	216	739037	30.183	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	428174	28.677	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	500953	29.944	ng/ul	98
42) 2,4,5-Trichlorophenol	13.092	196	565666	30.898	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	2016946	30.157	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1585462	30.530	ng/ul	98
45) 2-Nitroaniline	13.669	65	596231	32.879	ng/ul	98
47) Dimethylphthalate	14.045	163	2046869	31.262	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	426724	33.390	ng/ul	97
50) Acenaphthylene	14.310	152	2525687	30.837	ng/ul	100
51) 3-Nitroaniline	14.492	138	441577	32.880	ng/ul	98
52) Acenaphthene	14.651	153	1734654	30.635	ng/ul	97
53) 2,4-Dinitrophenol	14.698	184	262410	31.935	ng/ul	95
55) 4-Nitrophenol	14.798	109	346201	31.888	ng/ul	97
56) Dibenzofuran	14.980	168	2382376	30.525	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	627898	33.941	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.210	232	470716	31.224	ng/ul	100
59) Diethylphthalate	15.404	149	2095271	31.847	ng/ul	99
61) Fluorene	15.633	166	1939129	30.889	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.627	204	913446	31.261	ng/ul	97
63) 4-Nitroaniline	15.657	138	486269	36.741	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	371883	31.915	ng/ul	94
67) N-Nitrosodiphenylamine	15.839	169	1689176	30.461	ng/ul	97
68) 4-Bromophenyl-phenylether	16.521	248	566716	30.845	ng/ul	97
69) Hexachlorobenzene	16.639	284	643559	30.938	ng/ul	97
70) Atrazine	16.792	200	483783	25.639	ng/ul	98
71) Pentachlorophenol	16.980	266	391792	30.302	ng/ul	95
72) Phenanthrene	17.374	178	3161724	30.652	ng/ul	100
74) Anthracene	17.463	178	3103272	29.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.386	216	749355	28.823	ng/uL	97
76) Pentachlorobenzene	14.904	250	736253	29.600	ng/uL	99
77) Carbazole	17.739	167	3025120	32.234	ng/ul	98
78) Di-n-butylphthalate	18.298	149	3678866	33.026	ng/ul	100
80) Fluoranthene	19.392	202	3776930	30.891	ng/ul	100
82) Pyrene	19.757	202	3832626	29.781	ng/ul	98
83) Butylbenzylphthalate	20.656	149	1744037	32.642	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	1234933	30.638	ng/ul	97
85) Benzo(a)anthracene	21.515	228	3801788	30.131	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	2497209	31.309	ng/ul	99
87) Chrysene	21.568	228	3635779	30.253	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	4441940	33.851	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3963009	31.648	ng/ul	96
91) Benzo(k)fluoranthene	23.274	252	3862438	31.346	ng/ul	97
93) Benzo(a)pyrene	23.862	252	3516595	32.076	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	4203850	31.647	ng/ul	100
95) Dibenzo(a,h)anthracene	26.527	278	3481155	31.743	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	3330718	30.900	ng/ul	99

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

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