Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052223\
Data File : BP015215.D
Acq On : 22 May 2023 15:02
Operator : CG/JU
Sample : PB152787BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 23 01:14:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS787

Manual IntegrationsAPPROVED

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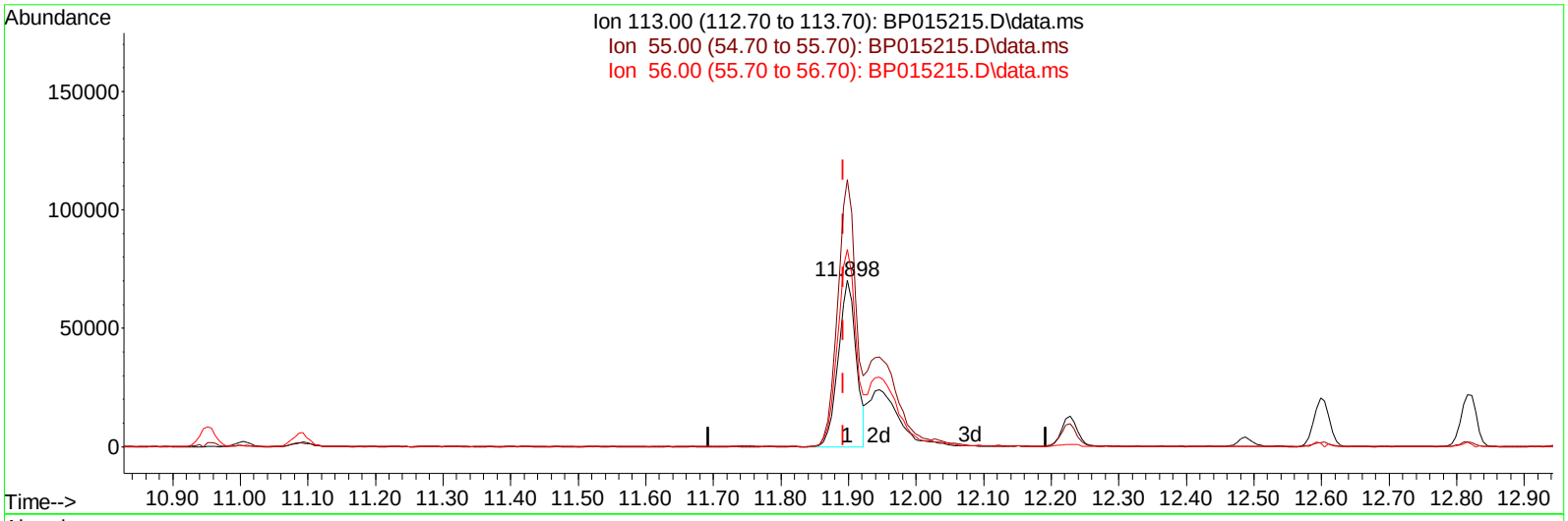
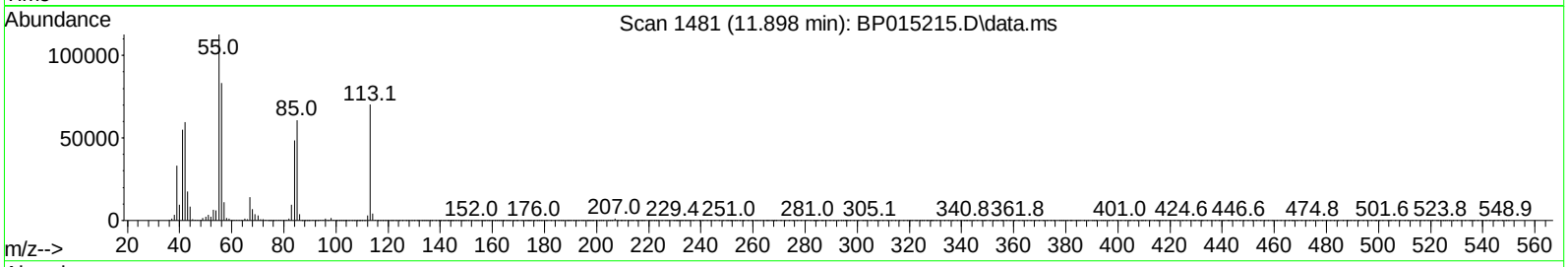
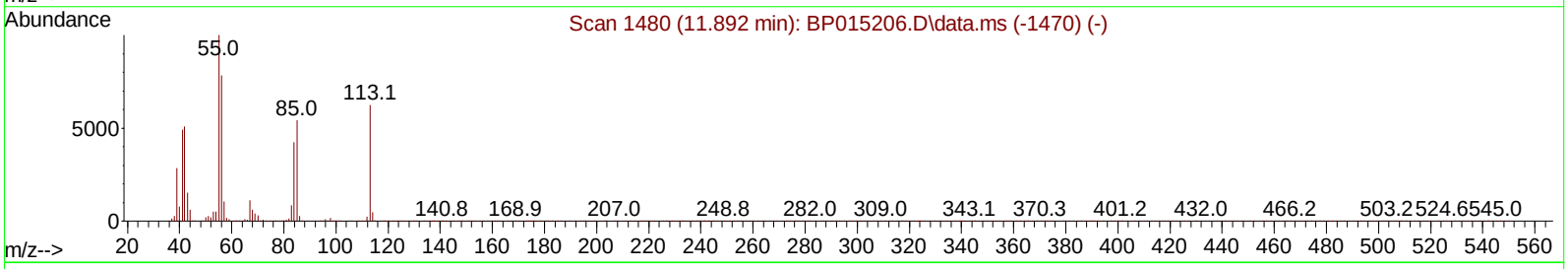
Supervised By :Jagrut Upadhyay 05/23/2023







TIC: BP015215.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 17.88 ng/ul

response 129865

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	160.60
56.00	112.80	118.61
0.00	0.00	0.00

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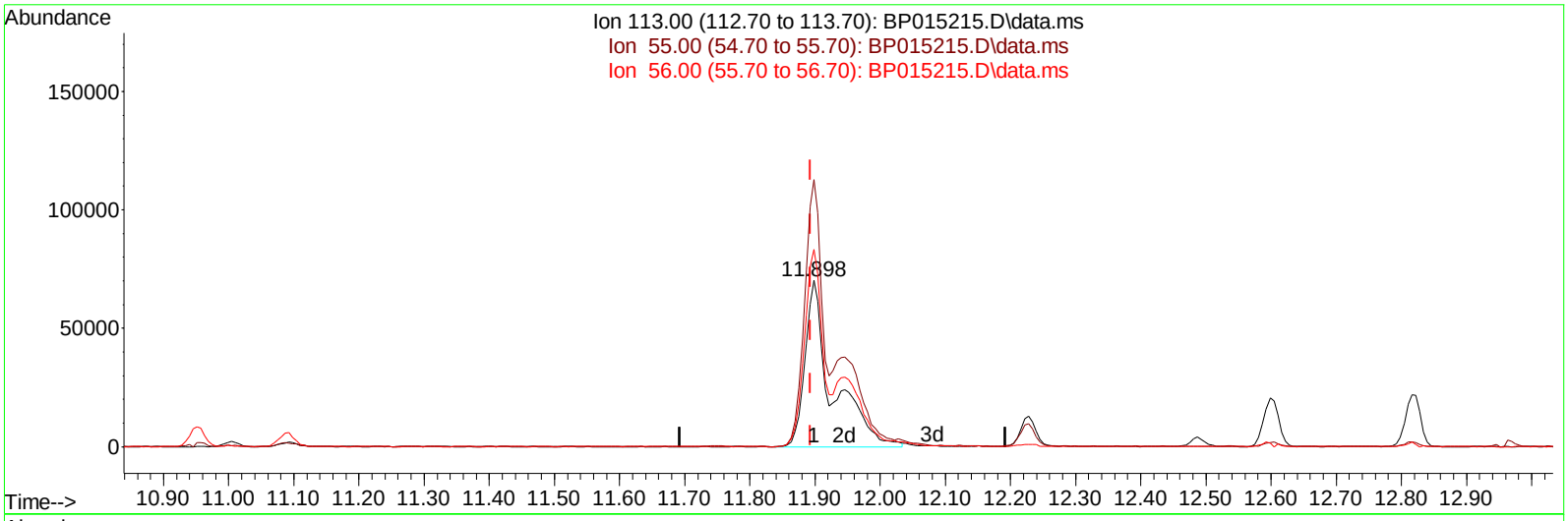

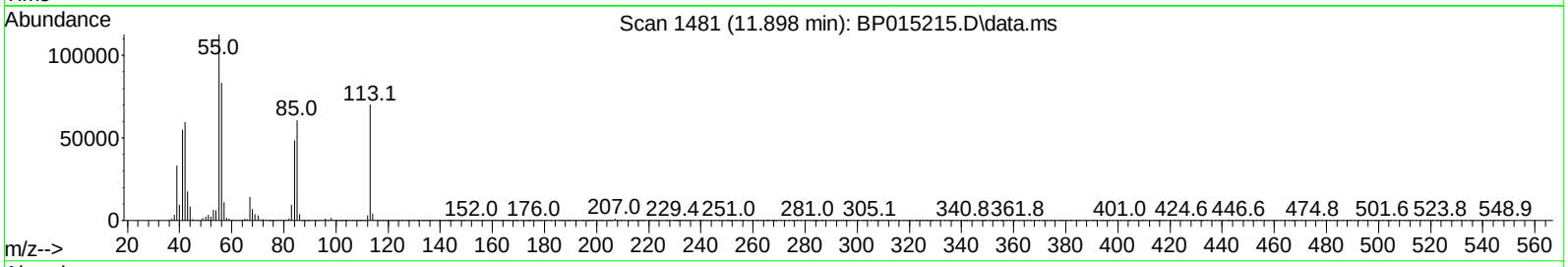

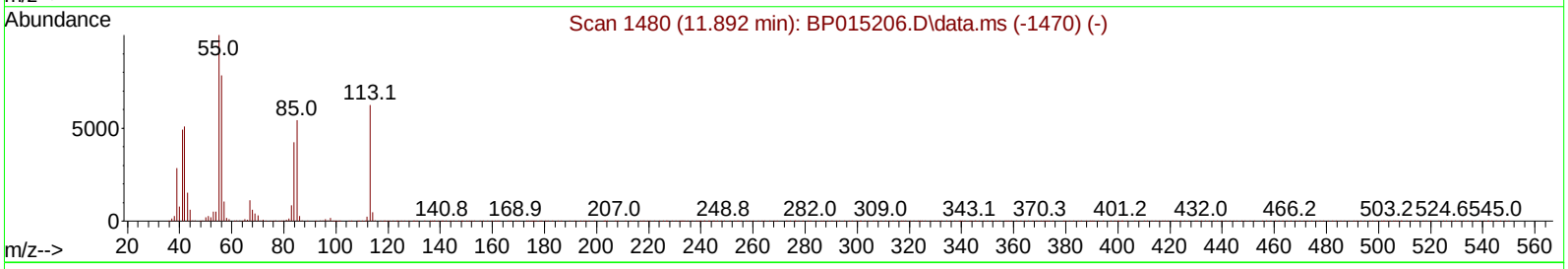

TIC: BP015215.D\data.ms

(34) Caprolactam

11.898min (+ 0.006) 28.20 ng/ul m

response 204786

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	151.50	160.60
56.00	112.80	118.61
0.00	0.00	0.00

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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	277781	20.000	ng/ul	0.00
20) Naphthalene-d8	10.951	136	1208716	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	756703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1619440	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1079162	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1146007	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	44550	6.231	ng/uL	0.00
4) Pyridine-d5	3.869	84	613726	30.284	ng/ul	0.00
7) Phenol-d5	7.275	99	843017	32.686	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	510237	34.254	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	676581	35.679	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	700932	34.106	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	344125	36.231	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	388414	36.753	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	691882	36.281	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	907555	32.165	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	2122642	37.122	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2346822	35.885	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	369123	33.244	ng/ul	0.00
60) Fluorene-d10	15.751	176	1732978	35.917	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	350625	34.355	ng/ul	0.00
73) Anthracene-d10	17.616	188	2575195	34.727	ng/ul	0.00
81) Pyrene-d10	19.833	212	2724767	43.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	2188961	38.478	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	84802	11.039	ng/uL	97
5) Pyridine	3.887	79	541194	25.677	ng/ul	95
6) Benzaldehyde	7.252	77	400360	56.476	ng/ul	99
8) Phenol	7.305	94	781903	29.565	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.540	93	626278	29.598	ng/ul	99
12) 2-Chlorophenol	7.681	128	600352	29.931	ng/ul	98
13) 2-Methylphenol	8.569	108	598173	29.265	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.657	45	800909	30.212	ng/ul	99
16) Acetophenone	8.957	105	946507	29.509	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.946	70	484009	28.772	ng/ul	96
18) 4-Methylphenol	8.904	108	651643	28.965	ng/ul	98
19) Hexachloroethane	9.216	117	247732	30.248	ng/ul	91
22) Nitrobenzene	9.346	77	739879	31.541	ng/ul	99
23) Isophorone	9.875	82	1416153	29.370	ng/ul	99
25) 2-Nitrophenol	10.063	139	362809	31.306	ng/ul	96
26) 2,4-Dimethylphenol	10.116	107	655180	28.331	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.351	93	875757	29.851	ng/ul	98
29) 2,4-Dichlorophenol	10.598	162	604781	31.396	ng/ul	99
30) Naphthalene	11.004	128	1943990	29.583	ng/ul	100
32) 4-Chloroaniline	11.116	127	695301	23.976	ng/ul	99
33) Hexachlorobutadiene	11.281	225	384458	33.115	ng/ul	97
34) Caprolactam	11.898	113	204786m	28.198	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	689830	31.715	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.598	142	1334004	30.129	ng/ul	100
37) 1-Methylnaphthalene	12.816	142	1368093	30.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	744700	32.906	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	331586	22.614	ng/ul	99
41) 2,4,6-Trichlorophenol	13.198	196	472856	29.589	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	536279	30.950	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1815166	30.917	ng/ul	99
44) 2-Chloronaphthalene	13.645	162	1423904	31.056	ng/ul	98
45) 2-Nitroaniline	13.851	65	443908	33.838	ng/ul	95
47) Dimethylphthalate	14.216	163	1860692	31.246	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	401790	34.056	ng/ul	99
50) Acenaphthylene	14.486	152	2195955	30.094	ng/ul	99
51) 3-Nitroaniline	14.669	138	393113	37.004	ng/ul	100
52) Acenaphthene	14.828	153	1499384	30.085	ng/ul	100
53) 2,4-Dinitrophenol	14.875	184	205300	26.209	ng/ul	94
55) 4-Nitrophenol	14.975	109	265246	32.479	ng/ul	89
56) Dibenzofuran	15.163	168	2135078	30.800	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	566799	33.201	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.386	232	407527	27.868	ng/ul	97
59) Diethylphthalate	15.575	149	1922009	32.360	ng/ul	100
61) Fluorene	15.810	166	1684570	30.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	851734	31.292	ng/ul	98
63) 4-Nitroaniline	15.833	138	379719	41.391	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.892	198	311804	29.603	ng/ul#	95
67) N-Nitrosodiphenylamine	16.010	169	1490809	31.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.692	248	559690	33.554	ng/ul	98
69) Hexachlorobenzene	16.816	284	647251	32.835	ng/ul	99
70) Atrazine	16.963	200	176823	10.046	ng/ul	97
71) Pentachlorophenol	17.163	266	302571	24.539	ng/ul	98
72) Phenanthrene	17.557	178	2744631	31.124	ng/ul	99
74) Anthracene	17.651	178	2676517	30.015	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	754303	32.851	ng/uL	100
76) Pentachlorobenzene	15.081	250	737539	31.991	ng/uL	100
77) Carbazole	17.916	167	2387010	30.527	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3285983	32.632	ng/ul	99
80) Fluoranthene	19.504	202	2975874	39.009	ng/ul	99
82) Pyrene	19.863	202	2960380	37.578	ng/ul	97
83) Butylbenzylphthalate	20.716	149	1335469	38.239	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	810838	34.211	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2497309	33.468	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	1942415	38.632	ng/ul	100
87) Chrysene	21.627	228	2339989	32.805	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2985773	38.042	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	2463265	33.905	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	2257421	32.359	ng/ul	99
93) Benzo(a)pyrene	24.033	252	2099110	32.688	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.856	276	2734602	32.889	ng/ul	97
95) Dibenzo(a,h)anthracene	26.874	278	2251765	32.991	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	2249975	33.184	ng/ul	99

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

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