Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014426.D
Acq On : 31 Mar 2023 05:18
Operator : CG/JU
Sample : PB151684BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 31 06:25:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:41:29 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS684

Manual IntegrationsAPPROVED

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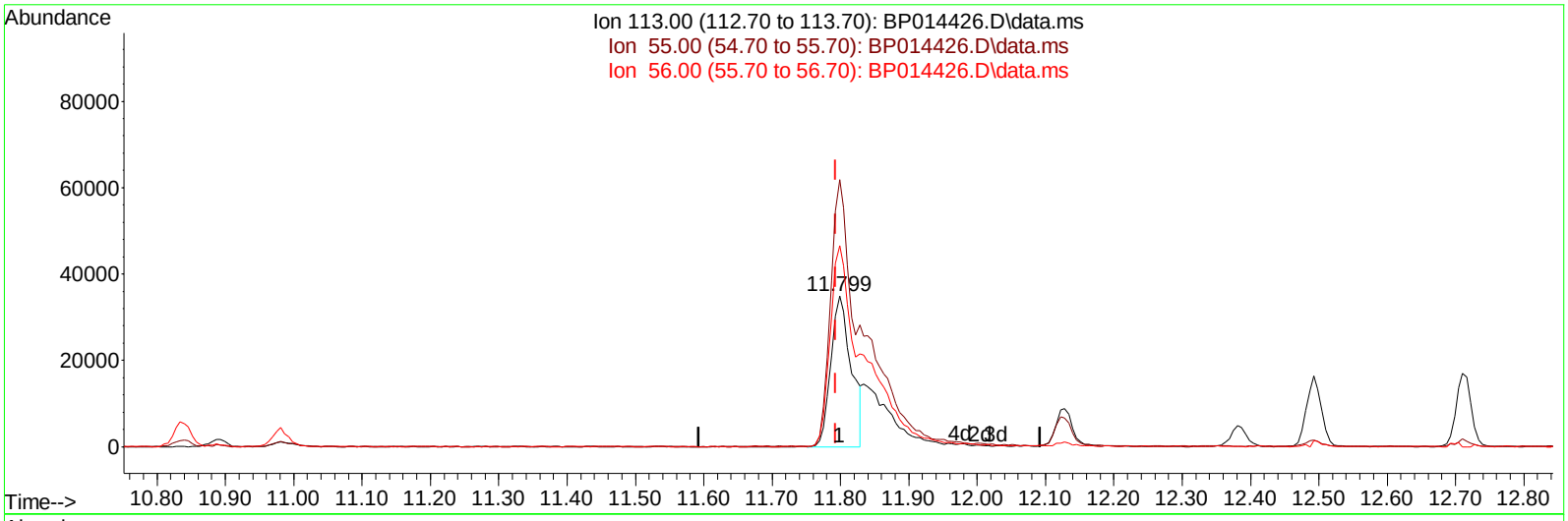
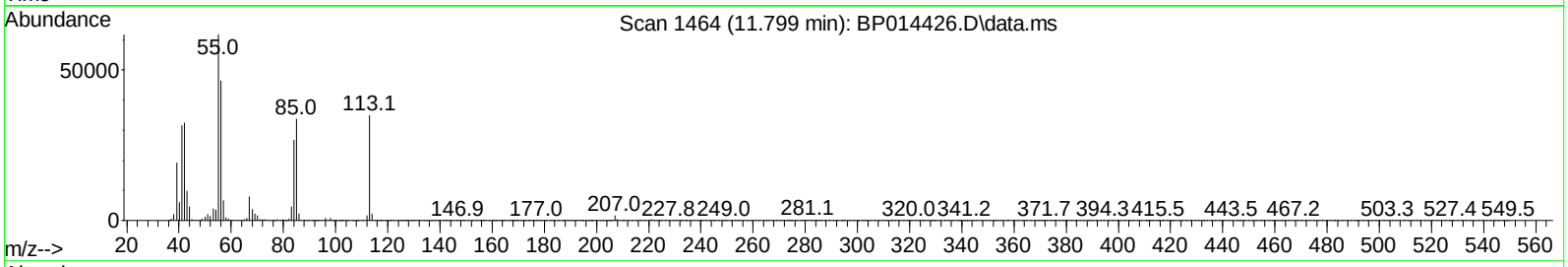
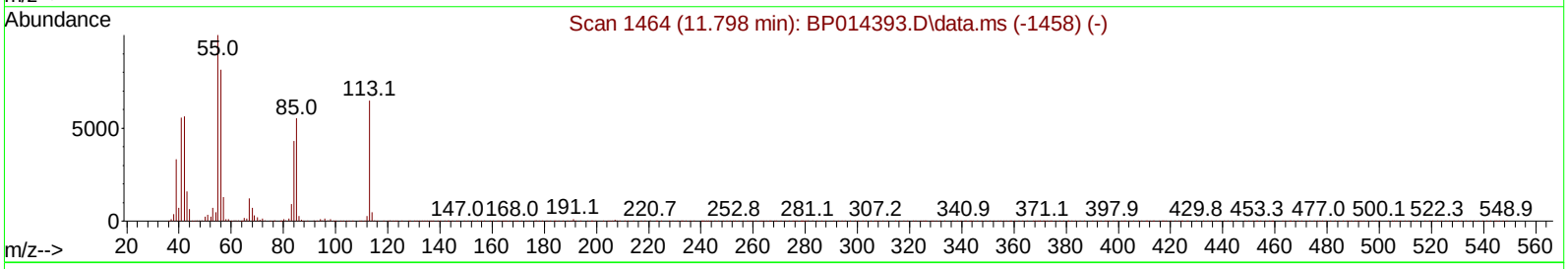
Supervised By :Jagrut Upadhyay 03/31/2023







TIC: BP014426.D\data.ms

(34) Caprolactam

11.799min (+ 0.006) 20.83 ng/ul

response 72209

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	176.70
56.00	126.40	132.98
0.00	0.00	0.00

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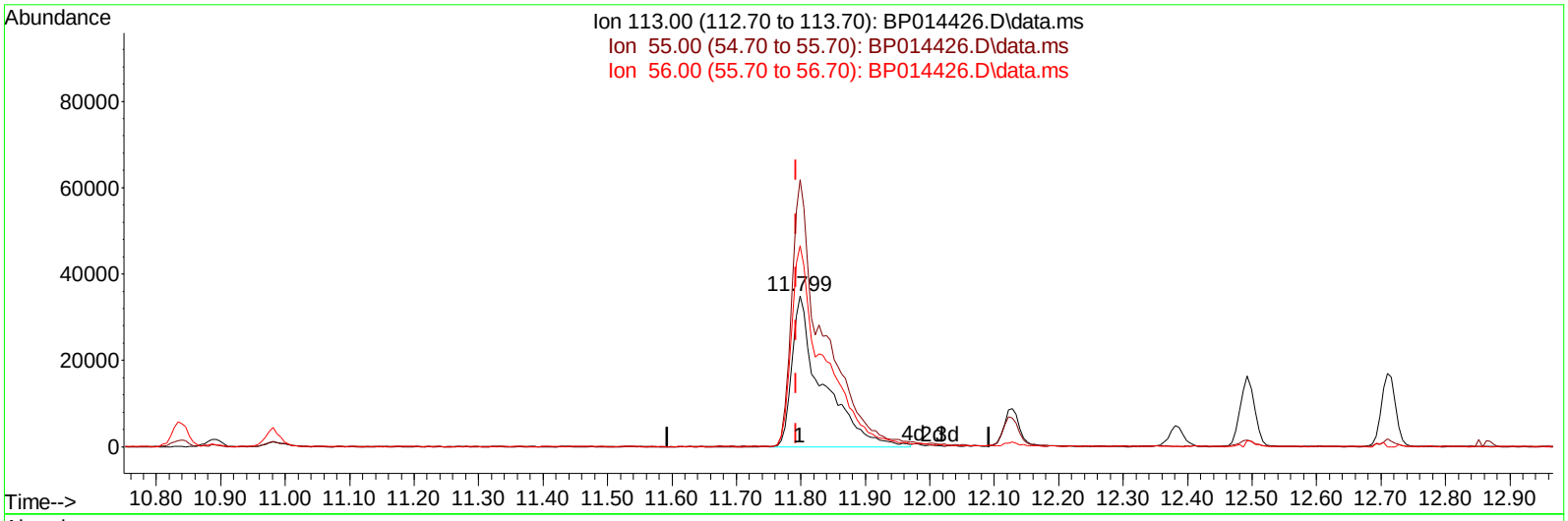

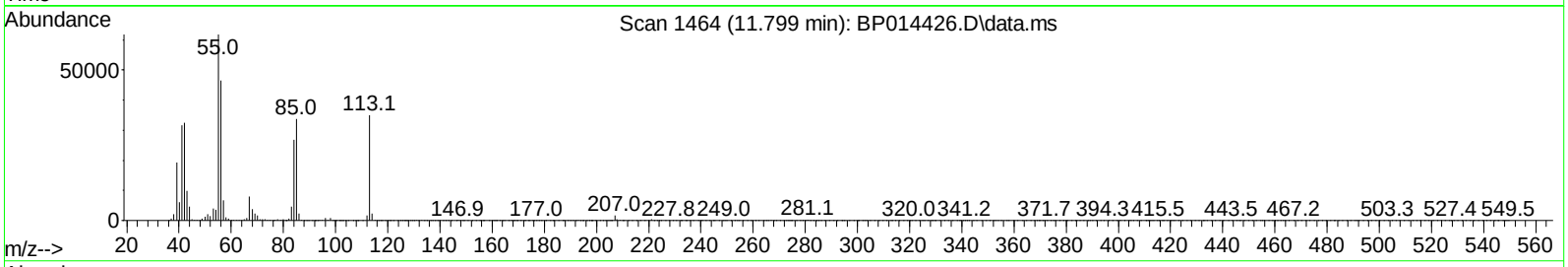

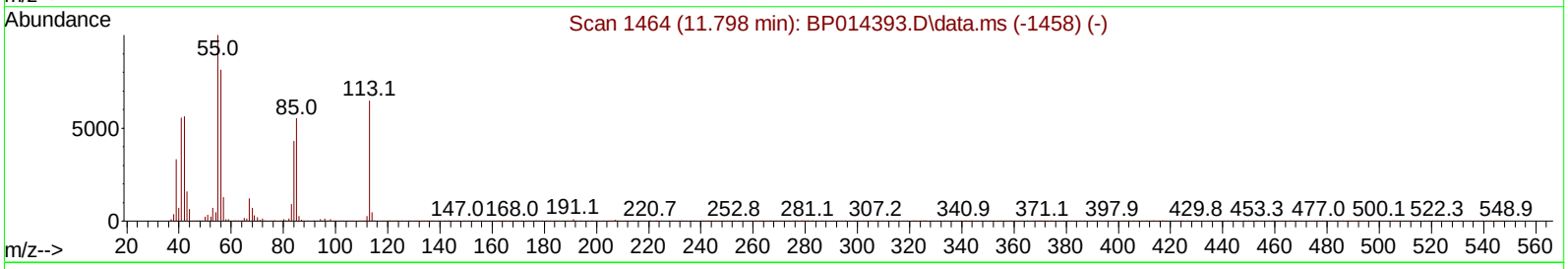

TIC: BP014426.D\data.ms

(34) Caprolactam

11.799min (+ 0.006) 33.18 ng/ul m

response 115040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	176.70
56.00	126.40	132.98
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	8.011	152	163524	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	708372	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	458832	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	902943	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	676028	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	731655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	25043	5.939	ng/uL	0.00
4) Pyridine-d5	3.817	84	331313	30.660	ng/ul	0.00
7) Phenol-d5	7.175	99	495073	32.828	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	315638	32.621	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	363598	33.358	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	398140	32.729	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	186462	32.606	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	220940	33.741	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.458	165	395705	33.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.981	131	465490	29.633	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	1201822	32.304	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1317251	31.910	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	177368	31.558	ng/ul	0.00
60) Fluorene-d10	15.663	176	975613	31.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.793	200	221341	33.314	ng/ul	0.00
73) Anthracene-d10	17.534	188	1393976	31.900	ng/ul	0.00
81) Pyrene-d10	19.757	212	1433368	31.566	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.869	264	1264597	32.532	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	54518	11.765	ng/uL	98
5) Pyridine	3.834	79	337245	29.822	ng/ul	96
6) Benzaldehyde	7.152	77	295405	39.408	ng/ul	97
8) Phenol	7.199	94	504662	32.258	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	403164	32.068	ng/ul	99
12) 2-Chlorophenol	7.575	128	363294	32.022	ng/ul	96
13) 2-Methylphenol	8.463	108	371862	31.873	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	548852	33.250	ng/ul	100
16) Acetophenone	8.852	105	640737	31.897	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	360088	33.182	ng/ul	94
18) 4-Methylphenol	8.793	108	409276	31.942	ng/ul	96
19) Hexachloroethane	9.099	117	161896	32.660	ng/ul	97
22) Nitrobenzene	9.234	77	522751	31.820	ng/ul	99
23) Isophorone	9.763	82	989625	32.679	ng/ul	99
25) 2-Nitrophenol	9.952	139	222568	32.202	ng/ul	98
26) 2,4-Dimethylphenol	10.005	107	478969	30.961	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.240	93	581029	32.002	ng/ul	98
29) 2,4-Dichlorophenol	10.487	162	382946	32.629	ng/ul	96
30) Naphthalene	10.887	128	1205422	30.550	ng/ul	99
32) 4-Chloroaniline	11.005	127	468678	29.458	ng/ul	100
33) Hexachlorobutadiene	11.163	225	287384	30.908	ng/ul	96
34) Caprolactam	11.799	113	115040m	33.180	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	450797	31.229	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.493	142	831967	31.113	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	842557	31.771	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	519241	31.740	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	316878	29.911	ng/ul	96
41) 2,4,6-Trichlorophenol	13.104	196	324801	32.085	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	349385	32.419	ng/ul	95
43) 1,1'-Biphenyl	13.499	154	1137376	30.682	ng/ul	99
44) 2-Chloronaphthalene	13.546	162	893927	30.499	ng/ul	99
45) 2-Nitroaniline	13.757	65	309679	34.117	ng/ul	95
47) Dimethylphthalate	14.122	163	1166692	31.365	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	239443	32.948	ng/ul	99
50) Acenaphthylene	14.393	152	1372556	31.220	ng/ul	99
51) 3-Nitroaniline	14.587	138	215456	33.092	ng/ul	98
52) Acenaphthene	14.734	153	961588	30.952	ng/ul	100
53) 2,4-Dinitrophenol	14.793	184	145632	30.945	ng/ul	94
55) 4-Nitrophenol	14.893	109	174270	31.418	ng/ul	97
56) Dibenzofuran	15.069	168	1341989	30.729	ng/ul	99
57) 2,4-Dinitrotoluene	15.040	165	337208	32.711	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	298379	30.805	ng/ul	98
59) Diethylphthalate	15.481	149	1174097	31.763	ng/ul	99
61) Fluorene	15.722	166	1095136	30.937	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	589306	30.986	ng/ul	99
63) 4-Nitroaniline	15.757	138	191776	36.253	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.804	198	208890	32.443	ng/ul	98
67) N-Nitrosodiphenylamine	15.928	169	918528	32.695	ng/ul	98
68) 4-Bromophenyl-phenylether	16.610	248	354635	31.563	ng/ul	97
69) Hexachlorobenzene	16.728	284	405673	31.433	ng/ul	98
70) Atrazine	16.887	200	211161	20.648	ng/ul	98
71) Pentachlorophenol	17.081	266	218976	29.287	ng/ul	98
72) Phenanthrene	17.475	178	1577590	31.405	ng/ul	100
74) Anthracene	17.563	178	1589146	31.387	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	497815	31.321	ng/uL	97
76) Pentachlorobenzene	14.987	250	514770	32.459	ng/uL	99
77) Carbazole	17.839	167	1311371	30.951	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1784605	33.498	ng/ul	100
80) Fluoranthene	19.433	202	1687509	31.431	ng/ul	100
82) Pyrene	19.786	202	1721832	30.718	ng/ul	100
83) Butylbenzylphthalate	20.645	149	654783	33.913	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.427	252	473757	31.687	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1532886	31.998	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	942441	35.695	ng/ul	100
87) Chrysene	21.557	228	1469580	32.489	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1577042	33.215	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1550022	31.368	ng/ul	98
91) Benzo(k)fluoranthene	23.310	252	1516053	31.589	ng/ul	99
93) Benzo(a)pyrene	23.921	252	1366070	32.117	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	1932310	33.021	ng/ul	99
95) Dibenzo(a,h)anthracene	26.692	278	1617961	33.024	ng/ul	99
96) Benzo(g,h,i)perylene	27.498	276	1577741	33.077	ng/ul	99

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

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