Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014427.D
Acq On : 31 Mar 2023 05:51
Operator : CG/JU
Sample : PB151686BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 31 06:26:00 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 :
SLCS686

Manual IntegrationsAPPROVED

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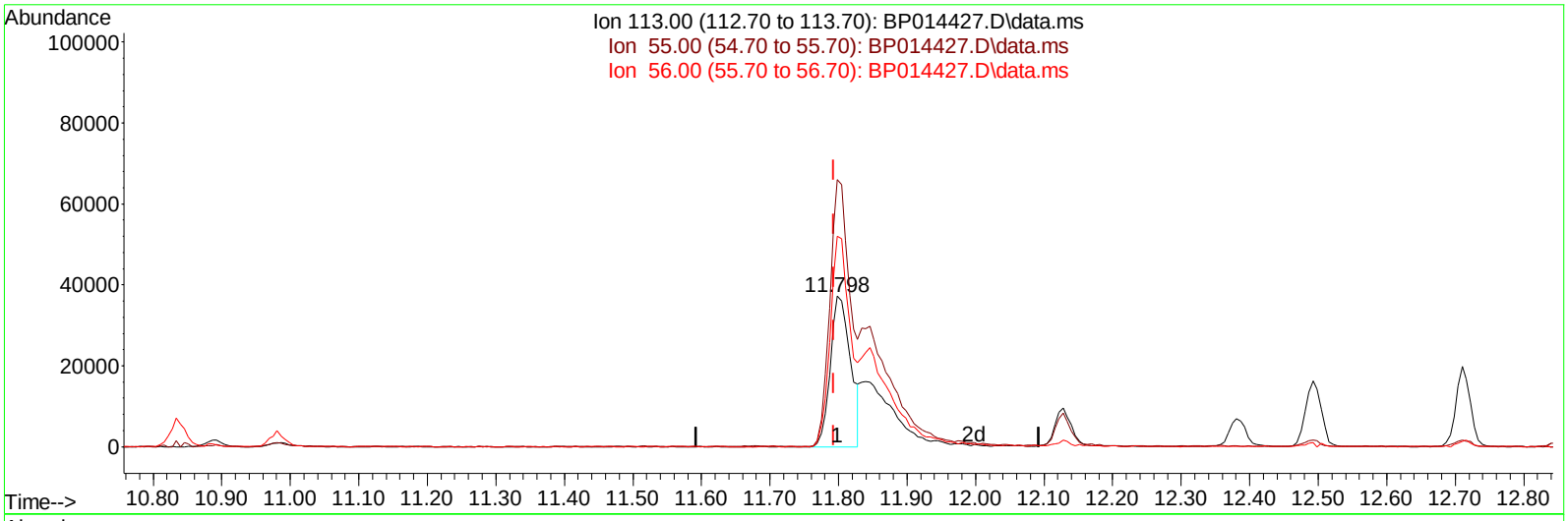
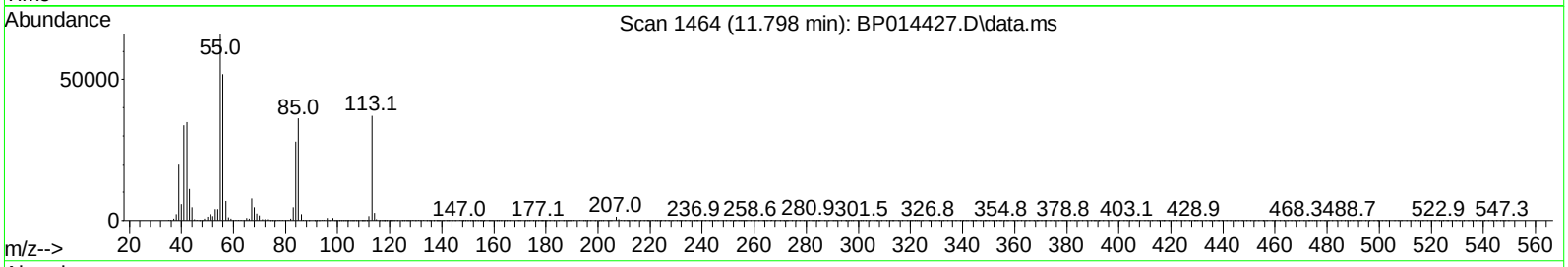
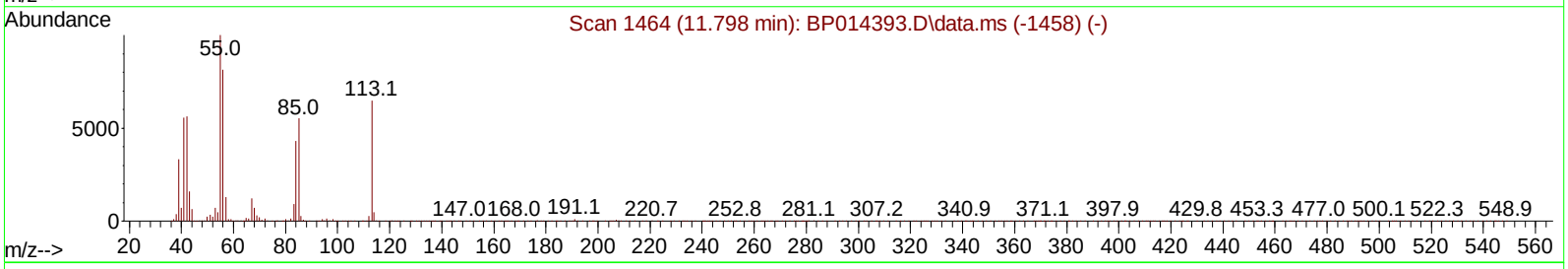
Supervised By :Jagrut Upadhyay 03/31/2023







TIC: BP014427.D\data.ms

(34) Caprolactam

11.798min (+ 0.006) 20.00 ng/ul

response 76741

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	177.33
56.00	126.40	139.66
0.00	0.00	0.00

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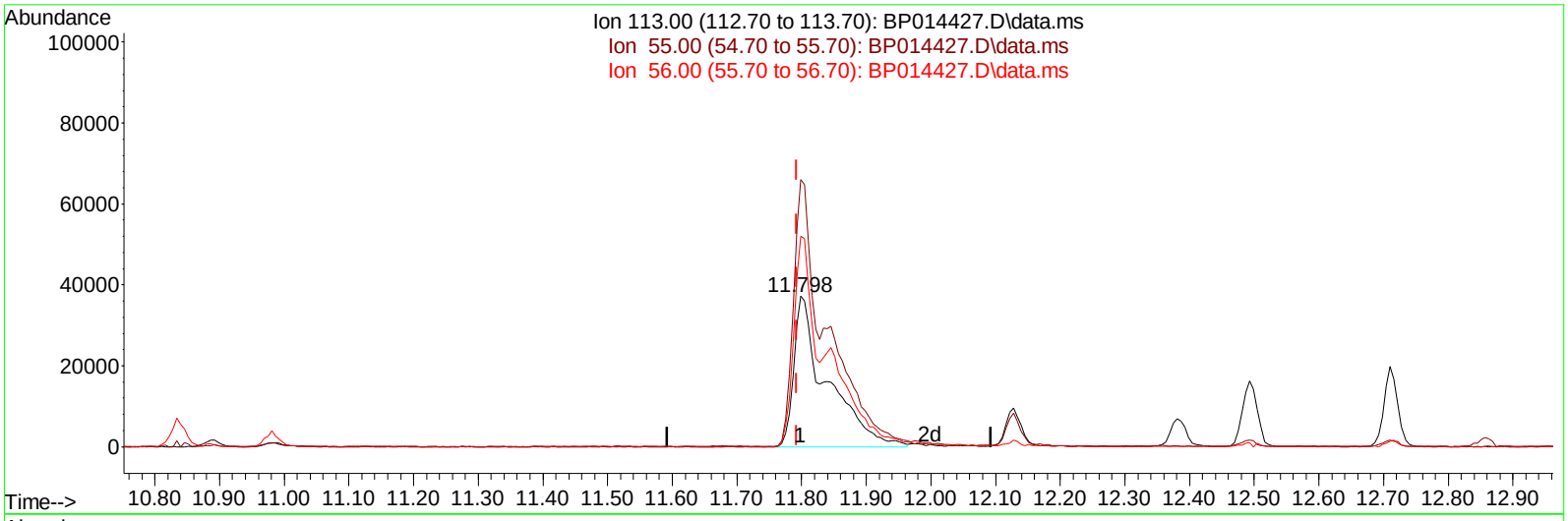

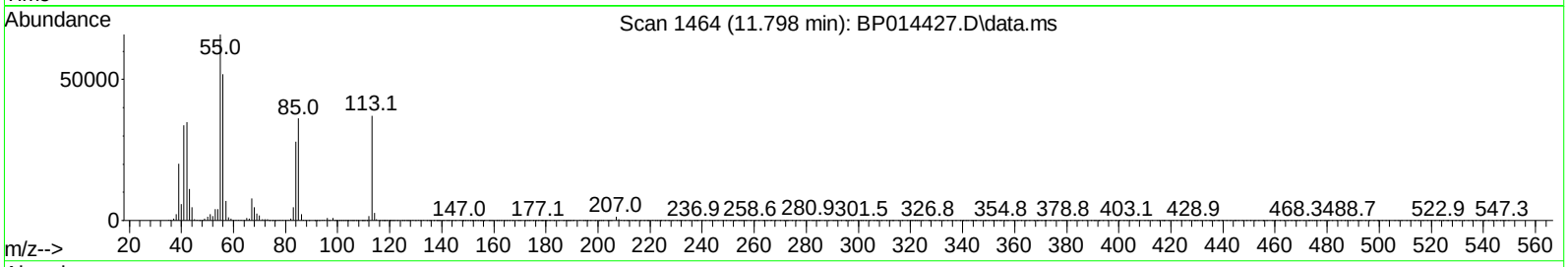

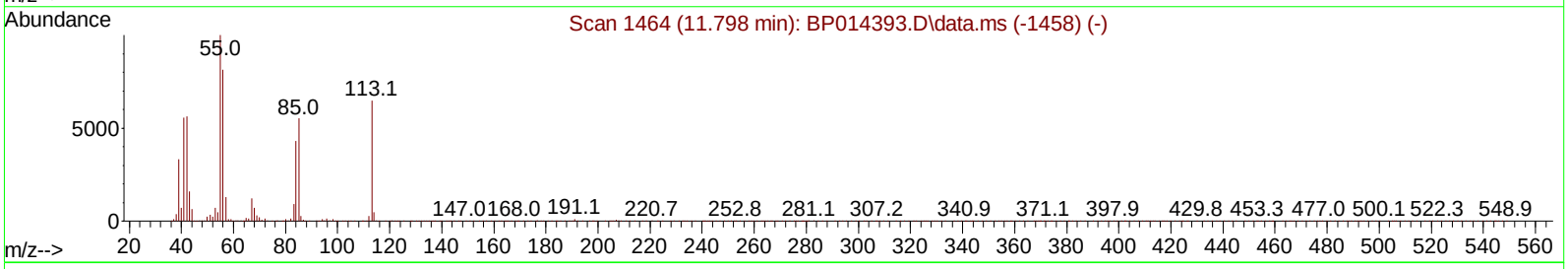

TIC: BP014427.D\data.ms

(34) Caprolactam

11.798min (+ 0.006) 34.44 ng/ul m

response 132122

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	177.33
56.00	126.40	139.66
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	8.010	152	176859	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	783857	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	529128	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	1136835	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	835642	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	762307	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	24839	5.446	ng/uL	0.00
4) Pyridine-d5	3.816	84	309729	26.501	ng/ul	0.00
7) Phenol-d5	7.169	99	493959	30.284	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	317066	30.297	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	362422	30.743	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	403055	30.635	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	187835	29.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	219301	30.265	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	405285	30.712	ng/ul	0.00
31) 4-Chloroaniline-d4	10.981	131	397234	22.853	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	1306012	30.441	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1404463	29.502	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	198824	30.676	ng/ul	0.00
60) Fluorene-d10	15.663	176	1031996	28.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	247045	29.533	ng/ul	0.00
73) Anthracene-d10	17.533	188	1595981	29.008	ng/ul	0.00
81) Pyrene-d10	19.757	212	1721116	30.663	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1257095	31.039	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	57574	11.488	ng/uL	97
5) Pyridine	3.834	79	356246	29.127	ng/ul	98
6) Benzaldehyde	7.152	77	251497	31.021	ng/ul	98
8) Phenol	7.199	94	532385	31.464	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	420618	30.934	ng/ul	99
12) 2-Chlorophenol	7.575	128	382600	31.181	ng/ul	97
13) 2-Methylphenol	8.463	108	396260	31.403	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	576645	32.300	ng/ul	100
16) Acetophenone	8.851	105	678369	31.224	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.834	70	384675	32.775	ng/ul	96
18) 4-Methylphenol	8.793	108	441800	31.880	ng/ul	98
19) Hexachloroethane	9.099	117	170398	31.783	ng/ul	97
22) Nitrobenzene	9.234	77	553941	30.471	ng/ul	98
23) Isophorone	9.763	82	1055450	31.497	ng/ul	99
25) 2-Nitrophenol	9.946	139	239732	31.345	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	513769	30.013	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.240	93	618107	30.766	ng/ul	98
29) 2,4-Dichlorophenol	10.487	162	409571	31.537	ng/ul	95
30) Naphthalene	10.887	128	1307097	29.937	ng/ul	99
32) 4-Chloroaniline	11.004	127	445986	25.332	ng/ul	99
33) Hexachlorobutadiene	11.163	225	304169	29.563	ng/ul	99
34) Caprolactam	11.798	113	132122m	34.437	ng/ul	
35) 4-Chloro-3-methylphenol	12.128	107	507047	31.743	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	906534	30.637	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	937599	31.950	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.857	216	553369	29.332	ng/ul	98
40) Hexachlorocyclopentadiene	12.834	237	338491	27.706	ng/ul	100
41) 2,4,6-Trichlorophenol	13.104	196	350722	30.043	ng/ul	99
42) 2,4,5-Trichlorophenol	13.181	196	384271	30.919	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	1262916	29.543	ng/ul	99
44) 2-Chloronaphthalene	13.545	162	1005263	29.741	ng/ul	100
45) 2-Nitroaniline	13.757	65	345720	33.027	ng/ul	98
47) Dimethylphthalate	14.122	163	1335372	31.130	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	278158	33.190	ng/ul	99
50) Acenaphthylene	14.392	152	1546771	30.509	ng/ul	100
51) 3-Nitroaniline	14.586	138	253294	33.736	ng/ul	99
52) Acenaphthene	14.734	153	1074161	29.982	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	171832	31.661	ng/ul	94
55) 4-Nitrophenol	14.892	109	203716	31.847	ng/ul	93
56) Dibenzofuran	15.069	168	1466136	29.111	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	388879	32.712	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.298	232	336887	30.160	ng/ul	99
59) Diethylphthalate	15.486	149	1331585	31.238	ng/ul	99
61) Fluorene	15.722	166	1220192	29.891	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	646295	29.468	ng/ul	99
63) 4-Nitroaniline	15.757	138	239276	39.223	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.804	198	244928	30.213	ng/ul	98
67) N-Nitrosodiphenylamine	15.928	169	1035786	29.284	ng/ul	100
68) 4-Bromophenyl-phenylether	16.610	248	420874	29.751	ng/ul	96
69) Hexachlorobenzene	16.728	284	476688	29.336	ng/ul	100
70) Atrazine	16.880	200	151829	11.792	ng/ul	100
71) Pentachlorophenol	17.080	266	257184	27.321	ng/ul	99
72) Phenanthrene	17.475	178	1907817	30.165	ng/ul	100
74) Anthracene	17.569	178	1900095	29.808	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.469	216	560020	27.985	ng/uL	98
76) Pentachlorobenzene	14.986	250	566095	28.351	ng/uL	99
77) Carbazole	17.839	167	1638112	30.708	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2215207	33.026	ng/ul	99
80) Fluoranthene	19.433	202	2117049	31.900	ng/ul	99
82) Pyrene	19.786	202	2158286	31.150	ng/ul	100
83) Butylbenzylphthalate	20.645	149	840769	35.228	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	475402	25.724	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1852105	31.277	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1158021	35.482	ng/ul	100
87) Chrysene	21.557	228	1741458	31.146	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	1803728	36.461	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	1639113	31.837	ng/ul	98
91) Benzo(k)fluoranthene	23.315	252	1651541	33.028	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1421392	32.074	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.686	276	1898621	31.141	ng/ul	99
95) Dibenzo(a,h)anthracene	26.698	278	1591289	31.174	ng/ul	99
96) Benzo(g,h,i)perylene	27.498	276	1539309	30.974	ng/ul	98

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

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