Quantitation Report (Qedit)

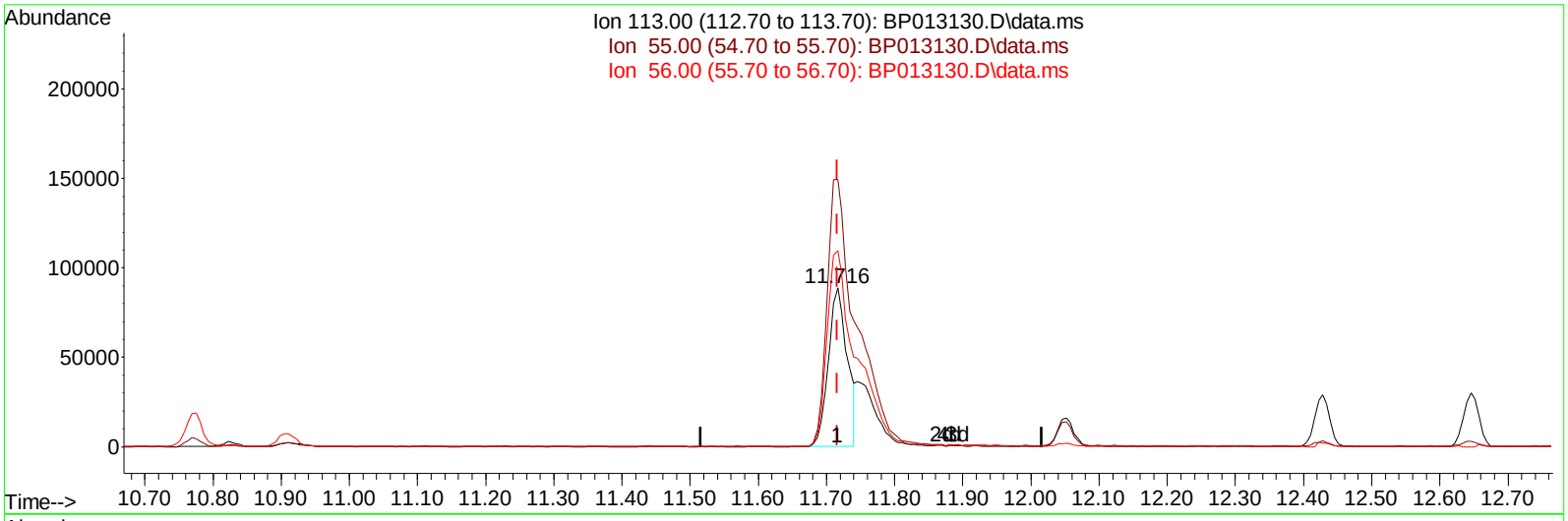
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013130.D
Acq On : 19 Dec 2022 17:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

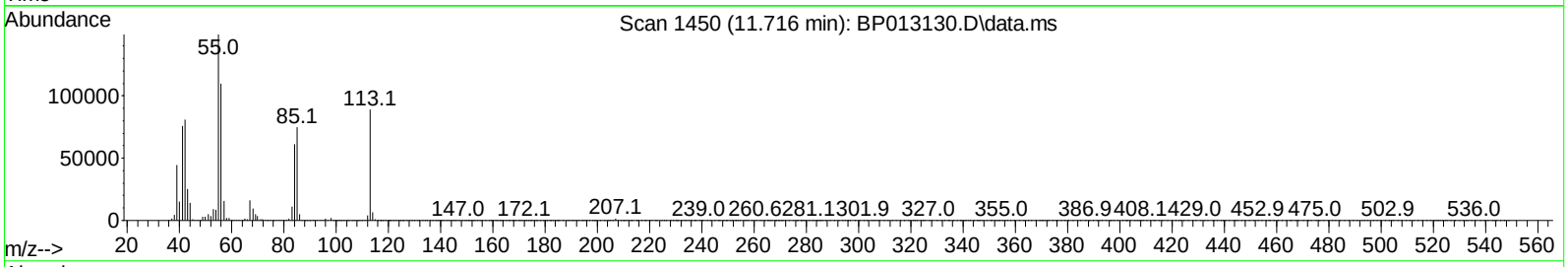
Quant Time: Dec 21 01:13:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

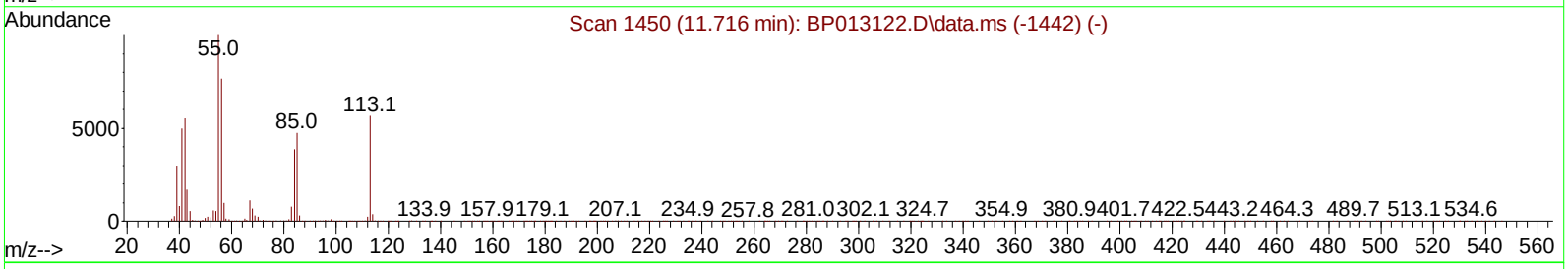
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022
Supervised By :mohammad ahmed 12/20/2022







TIC: BP013130.D\data.ms

(34) Caprolactam

11.716min (+ 0.000) 11.75 ng/ul

response 170878

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	168.03
56.00	124.50	123.35
0.00	0.00	0.00

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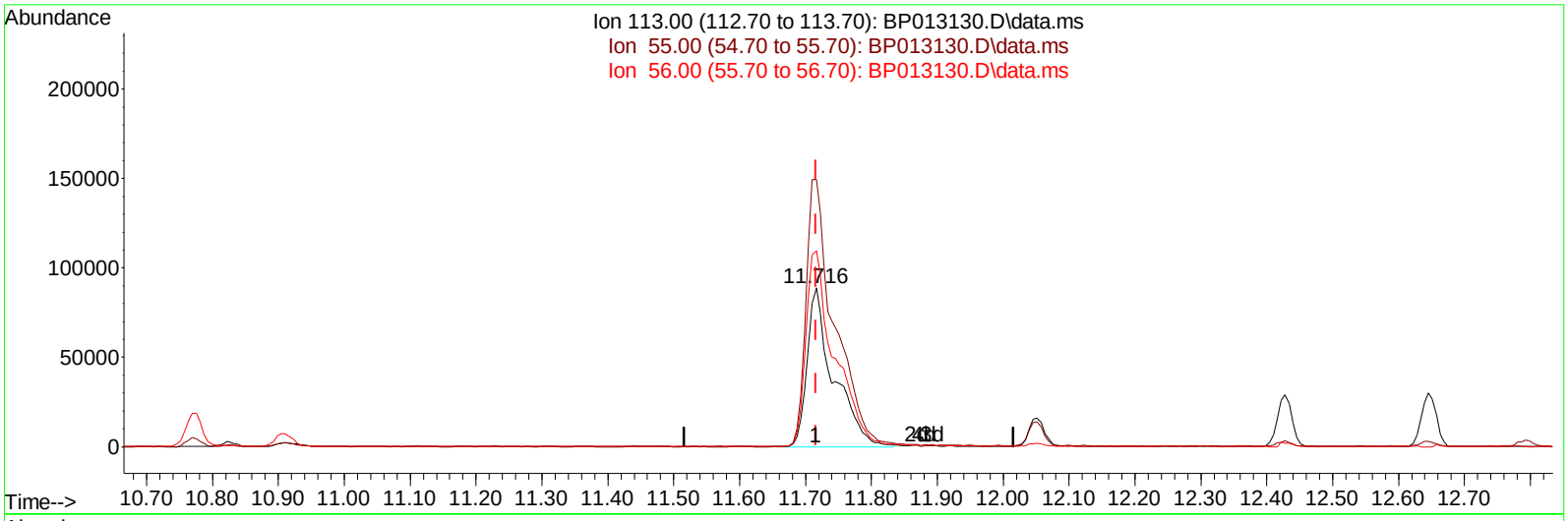

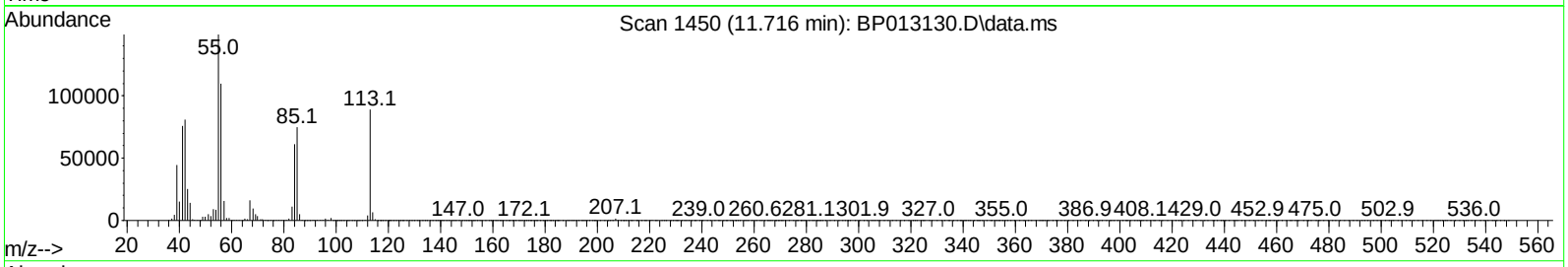

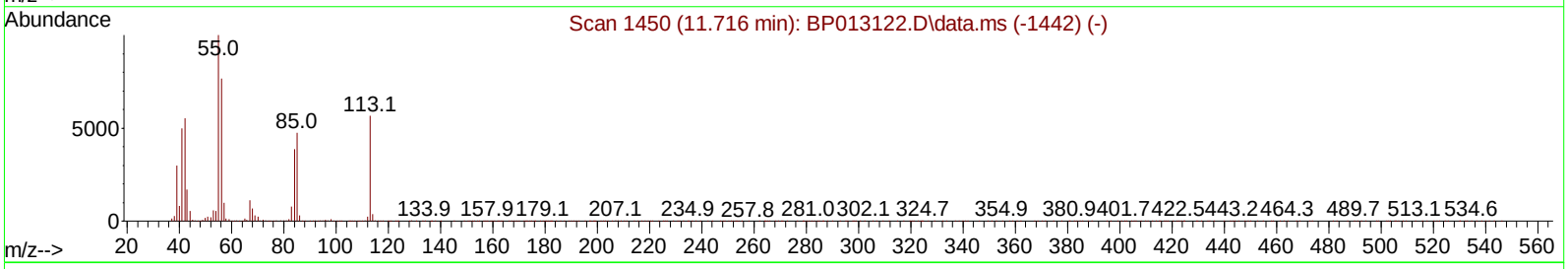

TIC: BP013130.D\data.ms

(34) Caprolactam

11.716min (+ 0.000) 16.94 ng/ul m

response 246303

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	168.03
56.00	124.50	123.35
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	7.958	152	622987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	2709437	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1713926	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	3483654	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2355862	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2383578	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	113955	7.821	ng/uL	0.00
4) Pyridine-d5	3.764	84	833481	20.137	ng/ul	0.00
7) Phenol-d5	7.116	99	1041979	20.534	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	663579	21.678	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	834567	20.892	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	844463	20.310	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	418804	21.038	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	463248	20.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	885080	20.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1193304	19.418	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2540611	19.288	ng/ul	0.00
49) Acenaphthylene-d8	14.293	160	2961070	20.458	ng/ul	0.00
54) 4-Nitrophenol-d4	14.793	143	427035	18.023	ng/ul	0.00
60) Fluorene-d10	15.592	176	2158256	19.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	405995	18.110	ng/ul	0.00
73) Anthracene-d10	17.457	188	3155877	20.080	ng/ul	0.00
81) Pyrene-d10	19.686	212	3201604	23.676	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.763	264	2347960	19.763	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	120116	7.897	ng/uL	97
5) Pyridine	3.787	79	836548	20.336	ng/ul	98
6) Benzaldehyde	7.093	77	415363	20.904	ng/ul	99
8) Phenol	7.140	94	1067151	20.800	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	883374	20.978	ng/ul	97
12) 2-Chlorophenol	7.516	128	851898	20.796	ng/ul	96
13) 2-Methylphenol	8.399	108	813344	20.334	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	1308599	22.646	ng/ul	97
16) Acetophenone	8.787	105	1366707	21.438	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.769	70	679209	21.186	ng/ul	95
18) 4-Methylphenol	8.734	108	905978	20.449	ng/ul	99
19) Hexachloroethane	9.046	117	344807	21.064	ng/ul	97
22) Nitrobenzene	9.169	77	1007974	21.578	ng/ul	97
23) Isophorone	9.699	82	1913448	20.258	ng/ul	98
25) 2-Nitrophenol	9.881	139	504647	20.782	ng/ul	94
26) 2,4-Dimethylphenol	9.940	107	976189	20.603	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	1229647	20.360	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	875299	20.527	ng/ul	99
30) Naphthalene	10.822	128	2881655	20.336	ng/ul	99
32) 4-Chloroaniline	10.934	127	1195114	19.652	ng/ul	99
33) Hexachlorobutadiene	11.104	225	588820	20.111	ng/ul	99
34) Caprolactam	11.716	113	246303m	16.940	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	879789	20.217	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	1929964	19.853	ng/ul	99
37) 1-Methylnaphthalene	12.646	142	1989894	19.905	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.793	216	1144951	20.746	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	664852	18.512	ng/ul	100
41) 2,4,6-Trichlorophenol	13.034	196	731334	20.620	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	783029	20.553	ng/ul	99
43) 1,1'-Biphenyl	13.434	154	2645350	20.551	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	2086870	20.599	ng/ul	100
45) 2-Nitroaniline	13.681	65	534489	21.760	ng/ul	97
47) Dimethylphthalate	14.051	163	2524670	19.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.175	165	485016	19.990	ng/ul	97
50) Acenaphthylene	14.322	152	3167163	20.353	ng/ul	100
51) 3-Nitroaniline	14.504	138	424239	18.517	ng/ul	97
52) Acenaphthene	14.663	153	2175614	20.176	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	264342	15.939	ng/ul	96
55) 4-Nitrophenol	14.810	109	311224	19.250	ng/ul	99
56) Dibenzofuran	14.998	168	3051761	19.905	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	676044	19.182	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.222	232	660543	18.999	ng/ul	99
59) Diethylphthalate	15.416	149	2352081	18.533	ng/ul	99
61) Fluorene	15.651	166	2445168	19.886	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.640	204	1283955	19.746	ng/ul	98
63) 4-Nitroaniline	15.669	138	358665	17.791	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.728	198	404964	18.485	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	2046125	21.185	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	770735	20.373	ng/ul	97
69) Hexachlorobenzene	16.657	284	890042	19.814	ng/ul	98
70) Atrazine	16.810	200	706286	18.766	ng/ul	99
71) Pentachlorophenol	17.004	266	487302	17.913	ng/ul	99
72) Phenanthrene	17.398	178	3664827	20.197	ng/ul	100
74) Anthracene	17.492	178	3679142	20.307	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	1128597	22.707	ng/uL	98
76) Pentachlorobenzene	14.916	250	1085828	21.428	ng/uL	100
77) Carbazole	17.757	167	3067443	20.104	ng/ul	99
78) Di-n-butylphthalate	18.298	149	3380158	18.195	ng/ul	100
80) Fluoranthene	19.363	202	3799273	24.754	ng/ul	99
82) Pyrene	19.716	202	3899702	24.632	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1171661	19.156	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	901225	16.934	ng/ul	99
85) Benzo(a)anthracene	21.427	228	3173642	20.293	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1495560	17.334	ng/ul	98
87) Chrysene	21.480	228	3004651	20.316	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2300595	17.228	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	2979065	19.600	ng/ul	100
91) Benzo(k)fluoranthene	23.216	252	3007247	19.953	ng/ul	99
93) Benzo(a)pyrene	23.816	252	2679040	20.243	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	3761798	22.819	ng/ul	99
95) Dibenzo(a,h)anthracene	26.533	278	3111951	22.800	ng/ul	100
96) Benzo(g,h,i)perylene	27.321	276	3106717	23.474	ng/ul	99

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

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