Quantitation Report (Qedit)

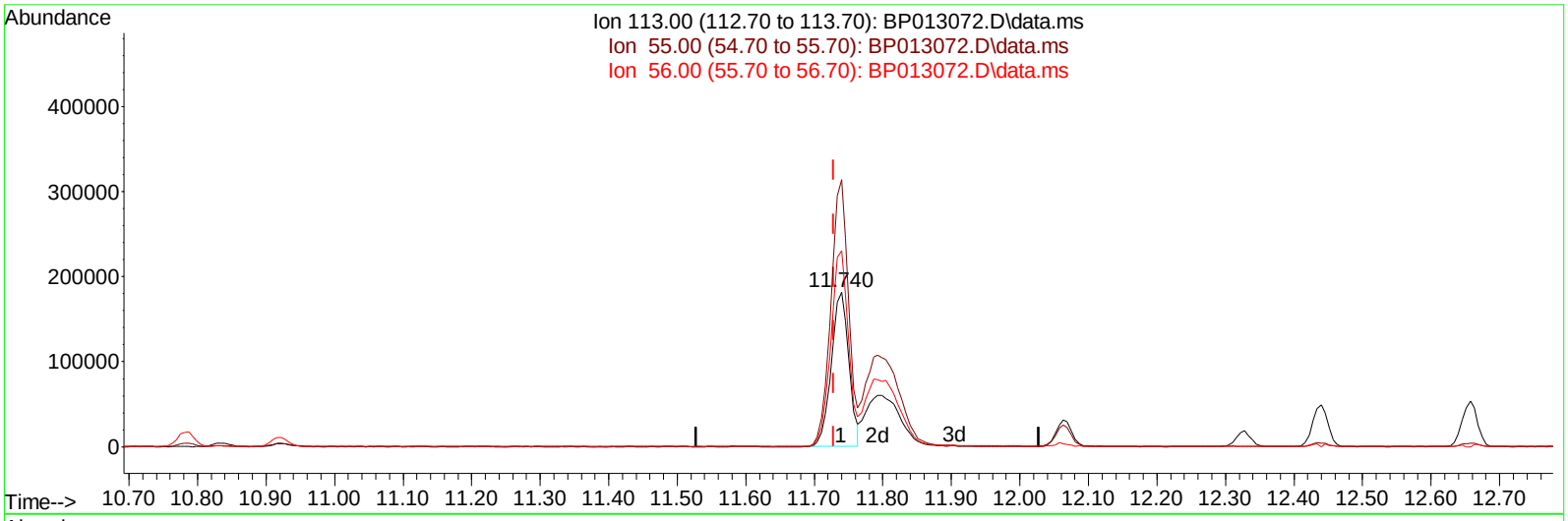
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013072.D
Acq On : 11 Dec 2022 10:03
Operator : CG/JU
Sample : PB149498BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

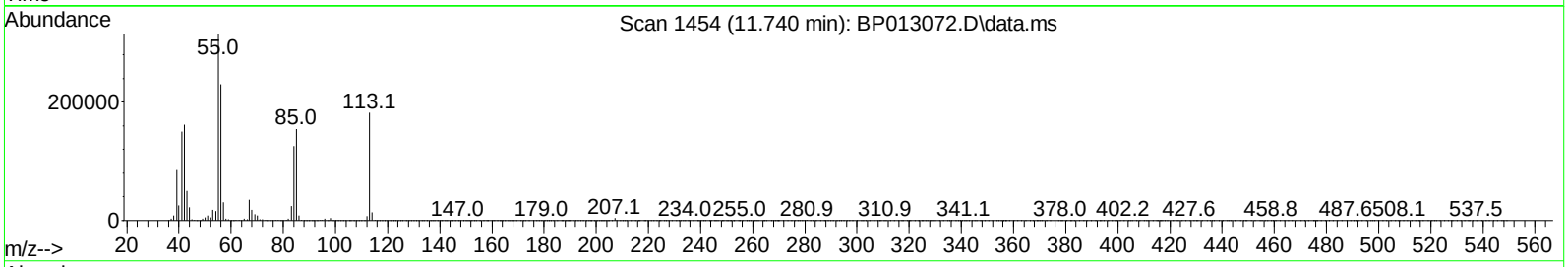
Quant Time: Dec 12 03:34:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 01:32:54 2022
Response via : Initial Calibration

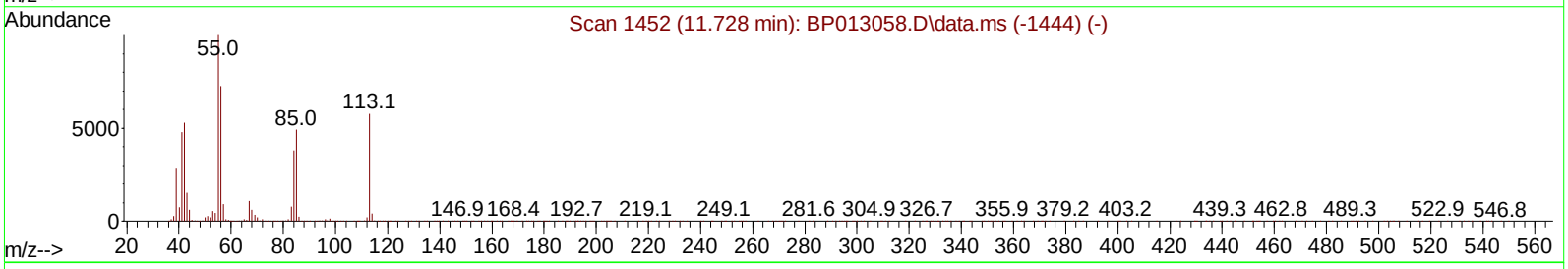
Instrument :
BNA_P
ClientSampleId :
SLCS498

Manual IntegrationsAPPROVED

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







TIC: BP013072.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 22.92 ng/ul

response 323575

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	172.75
56.00	124.50	126.69
0.00	0.00	0.00

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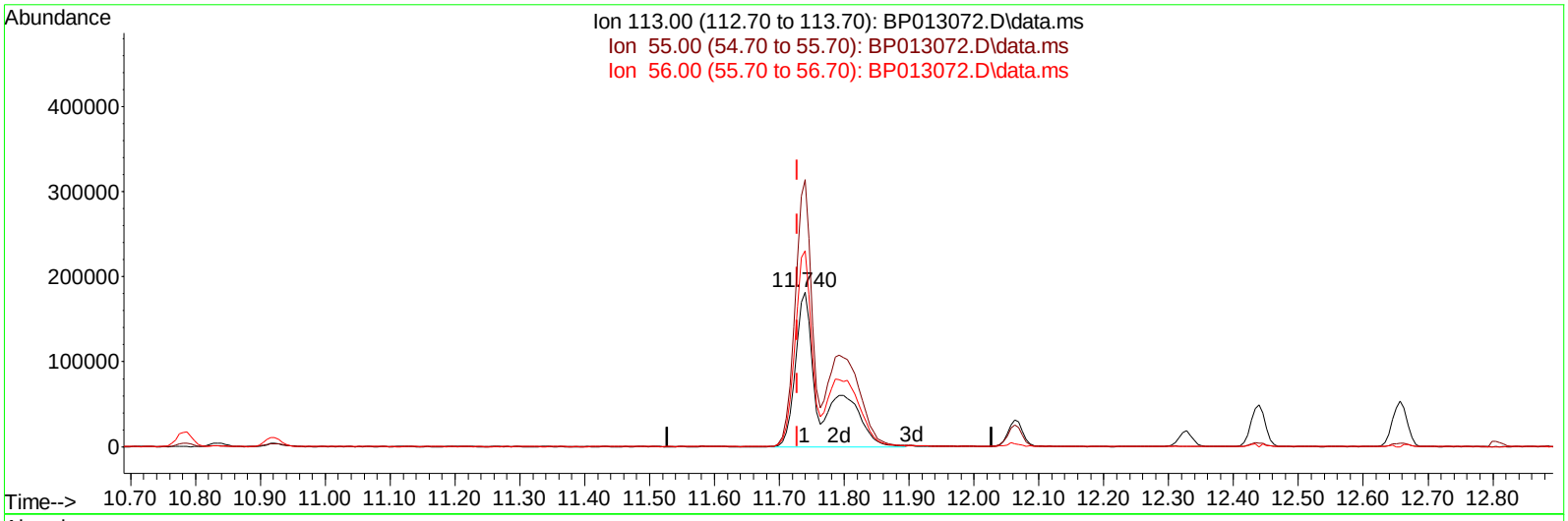

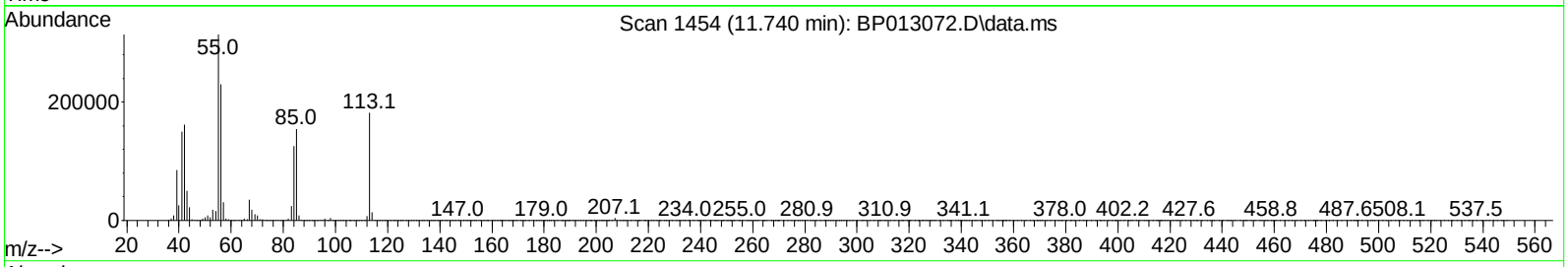

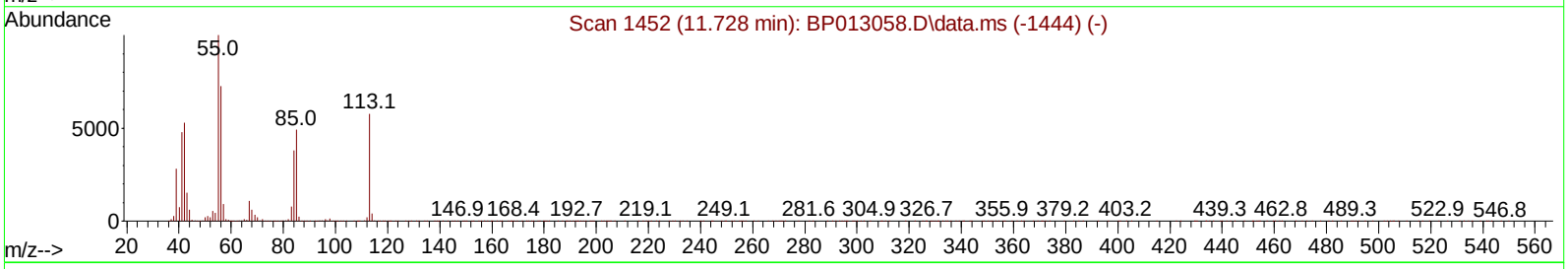

TIC: BP013072.D\data.ms

(34) Caprolactam

11.740min (+ 0.012) 37.91 ng/ul m

response 535158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	172.75
56.00	124.50	126.69
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	7.969	152	607559	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	2630447	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1745326	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3964424	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3594954	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3432129	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	90334	6.357	ng/uL	0.00
4) Pyridine-d5	3.775	84	1279161	31.690	ng/ul	0.00
7) Phenol-d5	7.128	99	1893840	38.269	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	1100058	36.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	1501451	38.541	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	1516238	37.393	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	752703	38.946	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	868335	39.909	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	1628176	38.526	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	1922178	32.217	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	4885140	36.419	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	5498184	37.303	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	956189	39.629	ng/ul	0.00
60) Fluorene-d10	15.604	176	4192337	36.943	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	960822	37.662	ng/ul	0.00
73) Anthracene-d10	17.463	188	6706467	37.497	ng/ul	0.00
81) Pyrene-d10	19.698	212	8028259	38.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	6773386	39.594	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	190676	12.854	ng/uL	98
5) Pyridine	3.793	79	1341356	33.436	ng/ul	97
6) Benzaldehyde	7.105	77	901803	46.539	ng/ul	100
8) Phenol	7.152	94	1936185	38.696	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	1498204	36.481	ng/ul	98
12) 2-Chlorophenol	7.528	128	1533577	38.388	ng/ul	98
13) 2-Methylphenol	8.410	108	1476618	37.853	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	2163312	38.388	ng/ul	99
16) Acetophenone	8.799	105	2295066	36.914	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.787	70	1156559	36.993	ng/ul	98
18) 4-Methylphenol	8.746	108	1622260	37.546	ng/ul	99
19) Hexachloroethane	9.057	117	585600	36.682	ng/ul	99
22) Nitrobenzene	9.181	77	1722515	37.982	ng/ul	100
23) Isophorone	9.710	82	3374994	36.804	ng/ul	98
25) 2-Nitrophenol	9.893	139	925378	39.252	ng/ul	96
26) 2,4-Dimethylphenol	9.951	107	1657244	36.028	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	2065682	35.229	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	1592731	38.473	ng/ul	100
30) Naphthalene	10.834	128	4932621	35.855	ng/ul	100
32) 4-Chloroaniline	10.946	127	1667867	28.249	ng/ul	100
33) Hexachlorobutadiene	11.116	225	1044516	36.747	ng/ul	97
34) Caprolactam	11.740	113	535158m	37.912	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	1669386	39.514	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.440	142	3470724	36.775	ng/ul	99
37) 1-Methylnaphthalene	12.657	142	3485543	35.912	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	2074603	36.915	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	874449	23.910	ng/ul	99
41) 2,4,6-Trichlorophenol	13.045	196	1353176	37.466	ng/ul	100
42) 2,4,5-Trichlorophenol	13.116	196	1497620	38.602	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	4621636	35.258	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	3737439	36.227	ng/ul	99
45) 2-Nitroaniline	13.692	65	1099569	43.960	ng/ul	99
47) Dimethylphthalate	14.063	163	4848553	36.470	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	1027523	41.588	ng/ul	98
50) Acenaphthylene	14.334	152	5716740	36.077	ng/ul	99
51) 3-Nitroaniline	14.516	138	1054707	45.208	ng/ul	99
52) Acenaphthene	14.675	153	3980620	36.250	ng/ul	100
53) 2,4-Dinitrophenol	14.722	184	639866	37.887	ng/ul	96
55) 4-Nitrophenol	14.822	109	671804	40.806	ng/ul	99
56) Dibenzofuran	15.010	168	5656424	36.230	ng/ul	100
57) 2,4-Dinitrotoluene	14.975	165	1503397	41.890	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	1315033	37.143	ng/ul	98
59) Diethylphthalate	15.428	149	4792922	37.086	ng/ul	99
61) Fluorene	15.663	166	4559440	36.414	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	2416680	36.498	ng/ul	98
63) 4-Nitroaniline	15.686	138	1127831	54.938	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	943899	37.861	ng/ul	99
67) N-Nitrosodiphenylamine	15.863	169	4059839	36.938	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	1613226	37.471	ng/ul	99
69) Hexachlorobenzene	16.663	284	1900290	37.173	ng/ul	98
70) Atrazine	16.816	200	877071	20.478	ng/ul	99
71) Pentachlorophenol	17.010	266	1097221	35.442	ng/ul	99
72) Phenanthrene	17.410	178	7736772	37.468	ng/ul	99
74) Anthracene	17.504	178	7755526	37.615	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	2076100	36.705	ng/uL	99
76) Pentachlorobenzene	14.928	250	2060121	35.724	ng/uL	100
77) Carbazole	17.769	167	7073451	40.737	ng/ul	99
78) Di-n-butylphthalate	18.310	149	8442856	39.935	ng/ul	100
80) Fluoranthene	19.369	202	9378928	40.046	ng/ul	100
82) Pyrene	19.722	202	9577009	39.641	ng/ul	99
83) Butylbenzylphthalate	20.586	149	3889005	41.668	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	3134745	38.599	ng/ul	100
85) Benzo(a)anthracene	21.439	228	9273938	38.860	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.345	149	5597744	42.518	ng/ul	98
87) Chrysene	21.492	228	8644987	38.305	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	9574697	49.796	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	8769229	40.068	ng/ul	100
91) Benzo(k)fluoranthene	23.227	252	8487793	39.110	ng/ul	99
93) Benzo(a)pyrene	23.833	252	7453749	39.114	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.551	276	8626153	36.340	ng/ul	99
95) Dibenzo(a,h)anthracene	26.562	278	7619873	38.771	ng/ul	99
96) Benzo(g,h,i)perylene	27.351	276	7110108	37.311	ng/ul	99

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

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