Quantitation Report (Qedit)

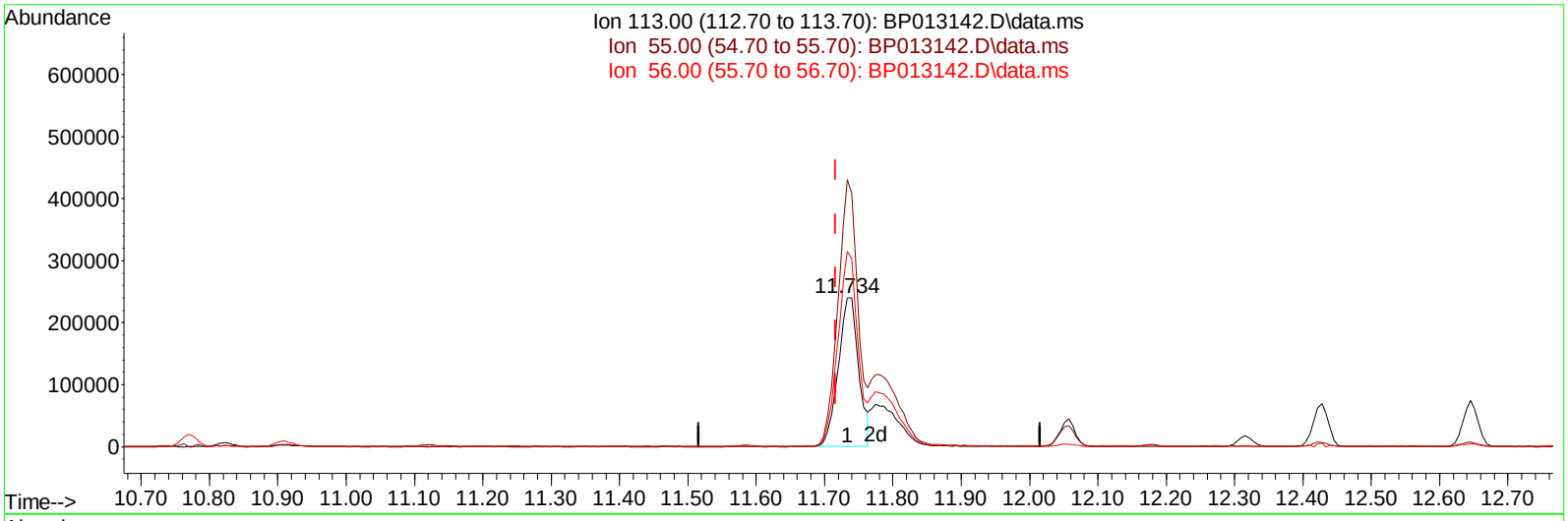
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013142.D
Acq On : 20 Dec 2022 00:02
Operator : CG/JU
Sample : N6006-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

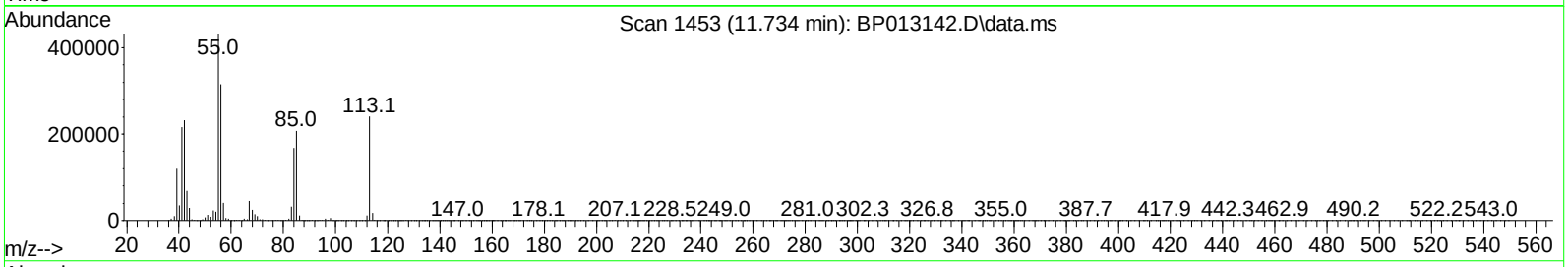
Quant Time: Dec 20 00:42:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

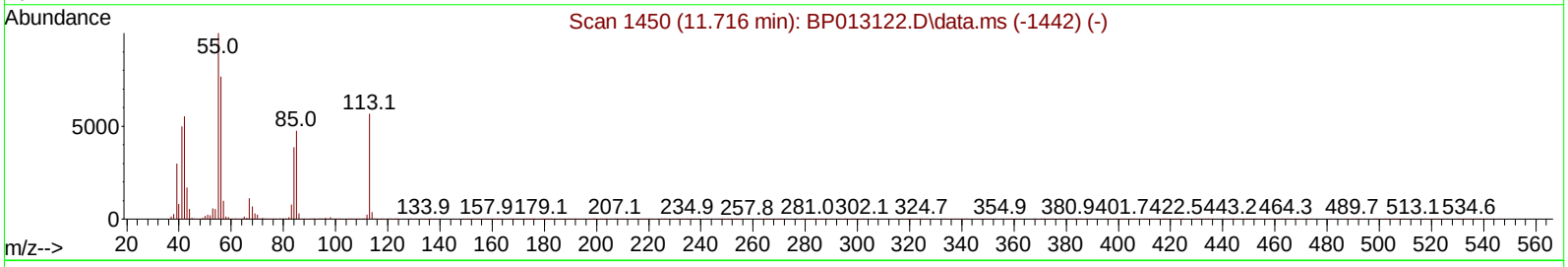
Instrument :
BNA_P
ClientSampleId :
DBXY9MS

Manual IntegrationsAPPROVED

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







TIC: BP013142.D\data.ms

(34) Caprolactam

11.734min (+ 0.018) 32.32 ng/ul

response 496333

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	178.93
56.00	124.50	131.02
0.00	0.00	0.00

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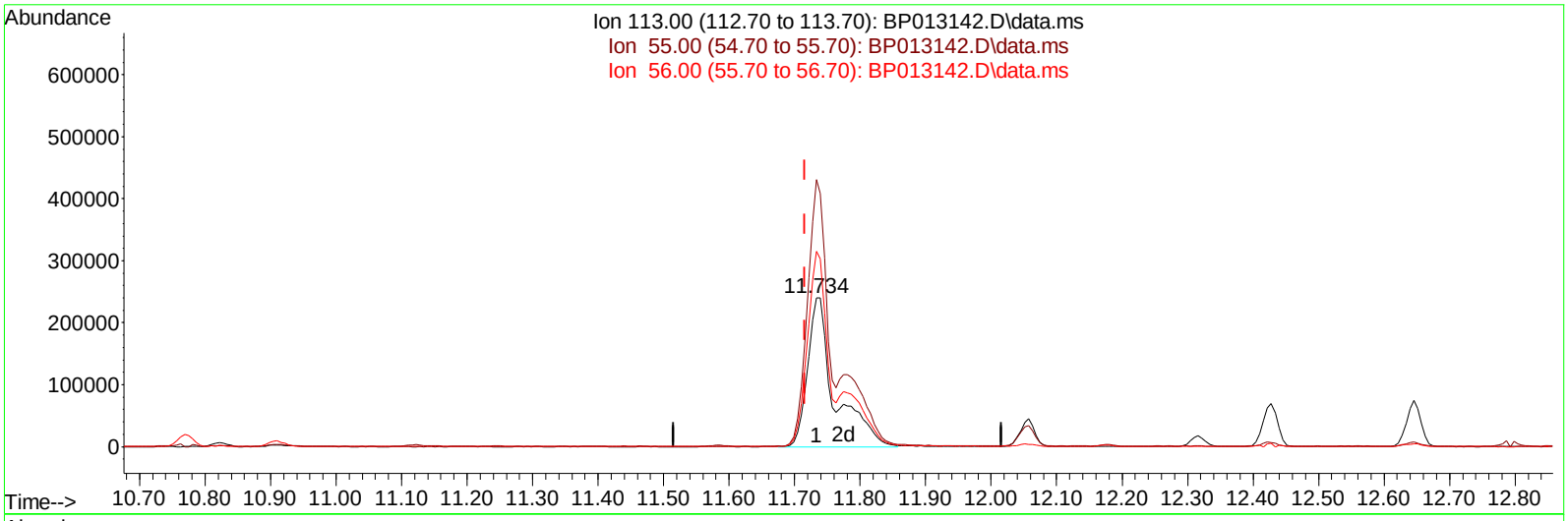

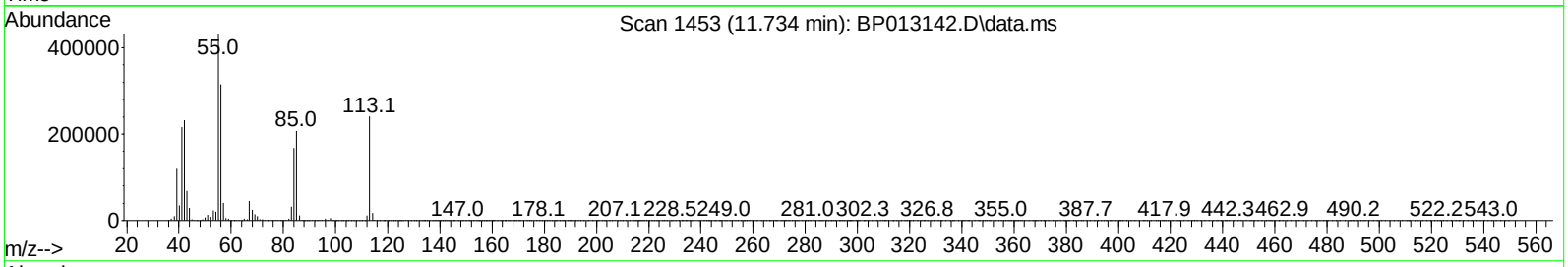

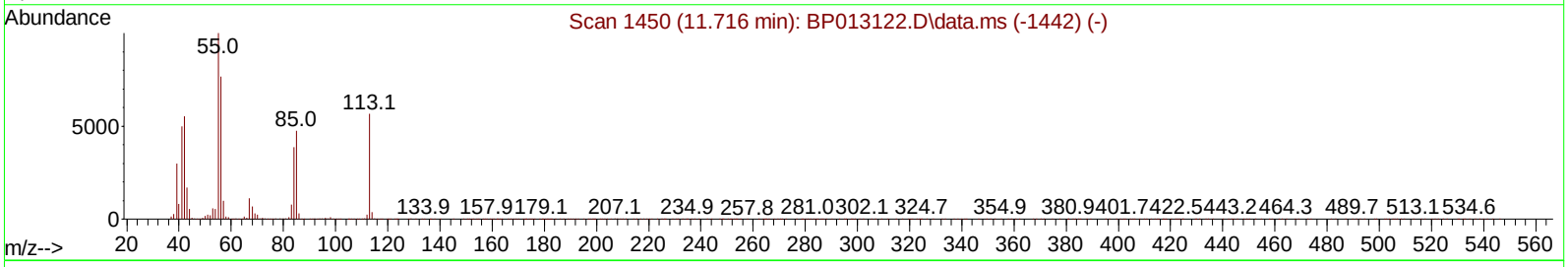

TIC: BP013142.D\data.ms

(34) Caprolactam

11.734min (+ 0.018) 44.84 ng/ul m

response 688673

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.40	178.93
56.00	124.50	131.02
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	7.957	152	678125	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	2862004	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1770835	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.357	188	3596988	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2234687	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2626605	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	85090	5.365	ng/uL	0.00
4) Pyridine-d5	3.769	84	623854	13.847	ng/ul	0.00
7) Phenol-d5	7.116	99	1879661	34.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	1169494	35.099	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	1543766	35.504	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	1355718	29.955	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	791558	37.643	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	900336	38.032	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.393	165	1691272	36.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1448872	22.320	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	4702591	34.553	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	5424252	36.271	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	701965	28.674	ng/ul	0.00
60) Fluorene-d10	15.592	176	4045903	35.139	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	822887	35.550	ng/ul	0.00
73) Anthracene-d10	17.457	188	5716568	35.227	ng/ul	0.00
81) Pyrene-d10	19.686	212	5915613	46.118	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	4932395	37.675	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	268730	16.231	ng/uL	94
5) Pyridine	3.787	79	1370753	30.613	ng/ul	98
6) Benzaldehyde	7.093	77	1260739	58.292	ng/ul	99
8) Phenol	7.146	94	2779134	49.763	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	2124567	46.350	ng/ul	97
12) 2-Chlorophenol	7.516	128	2148043	48.174	ng/ul	97
13) 2-Methylphenol	8.404	108	2004345	46.035	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	3137020	49.874	ng/ul	99
16) Acetophenone	8.787	105	3252213	46.866	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	1611498	46.180	ng/ul	97
18) 4-Methylphenol	8.734	108	2203555	45.692	ng/ul	98
19) Hexachloroethane	9.040	117	844402	47.389	ng/ul	95
22) Nitrobenzene	9.169	77	2413904	48.920	ng/ul	99
23) Isophorone	9.698	82	4746033	47.568	ng/ul	98
25) 2-Nitrophenol	9.881	139	1300920	50.717	ng/ul	96
26) 2,4-Dimethylphenol	9.940	107	1210939	24.196	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.181	93	2886835	45.250	ng/ul	100
29) 2,4-Dichlorophenol	10.416	162	2214394	49.162	ng/ul	99
30) Naphthalene	10.822	128	6863239	45.853	ng/ul	100
32) 4-Chloroaniline	10.934	127	1852110	28.832	ng/ul	100
33) Hexachlorobutadiene	11.104	225	1488196	48.120	ng/ul	99
34) Caprolactam	11.734	113	688673m	44.840	ng/ul	
35) 4-Chloro-3-methylphenol	12.057	107	2257073	49.102	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.428	142	4785447	46.603	ng/ul	100
37) 1-Methylnaphthalene	12.645	142	4764070	45.114	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	2835741	49.731	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	1218306	32.833	ng/ul	99
41) 2,4,6-Trichlorophenol	13.034	196	1851058	50.512	ng/ul	99
42) 2,4,5-Trichlorophenol	13.104	196	2023183	51.398	ng/ul	99
43) 1,1'-Biphenyl	13.434	154	6163569	46.344	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	4969403	47.475	ng/ul	100
45) 2-Nitroaniline	13.686	65	1446990	57.017	ng/ul	98
47) Dimethylphthalate	14.057	163	6226855	46.162	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	1336518	53.315	ng/ul	97
50) Acenaphthylene	14.322	152	7444376	46.303	ng/ul	99
51) 3-Nitroaniline	14.510	138	1194645	50.469	ng/ul	98
52) Acenaphthene	14.663	153	5199829	46.671	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	818808	47.784	ng/ul	96
55) 4-Nitrophenol	14.816	109	815720	48.833	ng/ul	97
56) Dibenzofuran	14.998	168	7173597	45.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.969	165	1864731	51.210	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.222	232	1692692	47.121	ng/ul	98
59) Diethylphthalate	15.416	149	6056259	46.186	ng/ul	99
61) Fluorene	15.651	166	5684604	44.746	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	3050636	45.408	ng/ul	99
63) 4-Nitroaniline	15.675	138	1250837	60.052	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.728	198	1122644	49.630	ng/ul	98
67) N-Nitrosodiphenylamine	15.857	169	4998406	50.123	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	2028321	51.925	ng/ul	99
69) Hexachlorobenzene	16.657	284	2297389	49.531	ng/ul	100
70) Atrazine	16.810	200	963332	24.789	ng/ul	99
71) Pentachlorophenol	17.004	266	1198986	42.685	ng/ul	99
72) Phenanthrene	17.398	178	9446127	50.419	ng/ul	99
74) Anthracene	17.492	178	8655170	46.267	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	2844864	55.435	ng/uL	100
76) Pentachlorobenzene	14.916	250	2665465	50.943	ng/uL	98
77) Carbazole	17.763	167	7777120	49.365	ng/ul	99
78) Di-n-butylphthalate	18.298	149	9454514	49.288	ng/ul	100
80) Fluoranthene	19.363	202	10638020	73.070	ng/ul	100
82) Pyrene	19.716	202	10159187	67.648	ng/ul	99
83) Butylbenzylphthalate	20.574	149	3269561	56.355	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1694916	33.574	ng/ul	99
85) Benzo(a)anthracene	21.427	228	8189745	55.206	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	4336746	52.991	ng/ul	100
87) Chrysene	21.480	228	7717060	55.008	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	6793038	46.164	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	8871132	52.965	ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	8361255	50.343	ng/ul	99
93) Benzo(a)pyrene	23.815	252	7840043	53.758	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.527	276	10426331	57.395	ng/ul	99
95) Dibenzo(a,h)anthracene	26.539	278	8635200	57.412	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	8678516	59.507	ng/ul	99

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

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