Quantitation Report (Qedit)

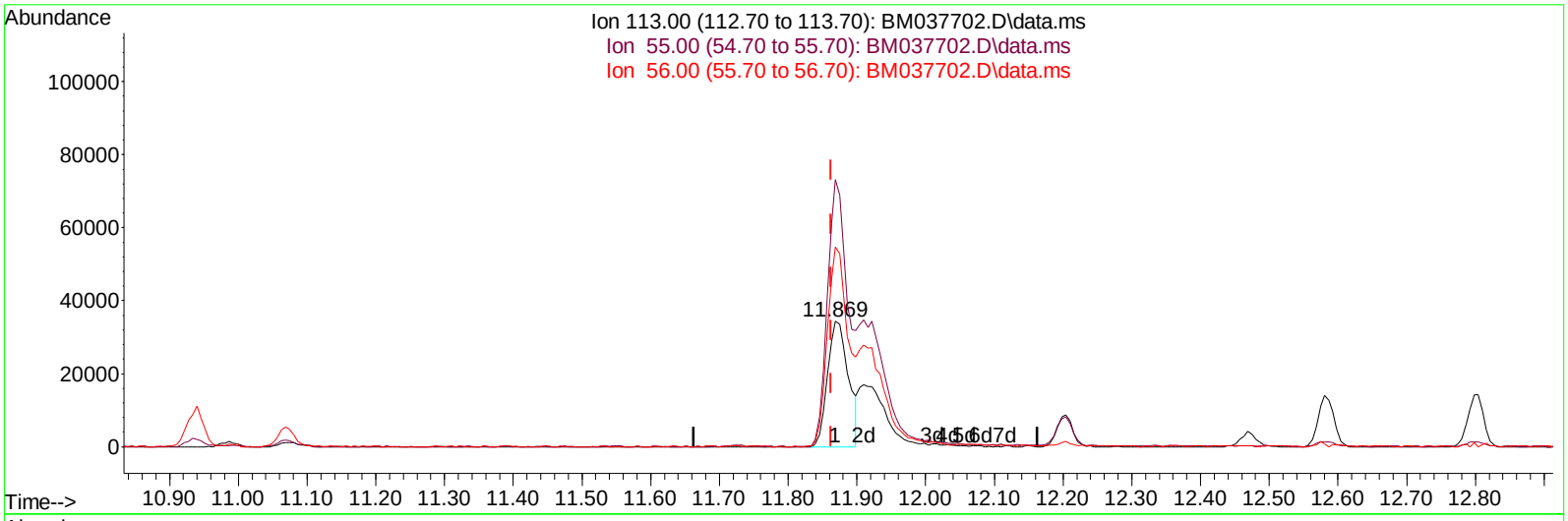
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037702.D
Acq On : 25 Nov 2022 19:15
Operator : CG/JU
Sample : PB149070BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

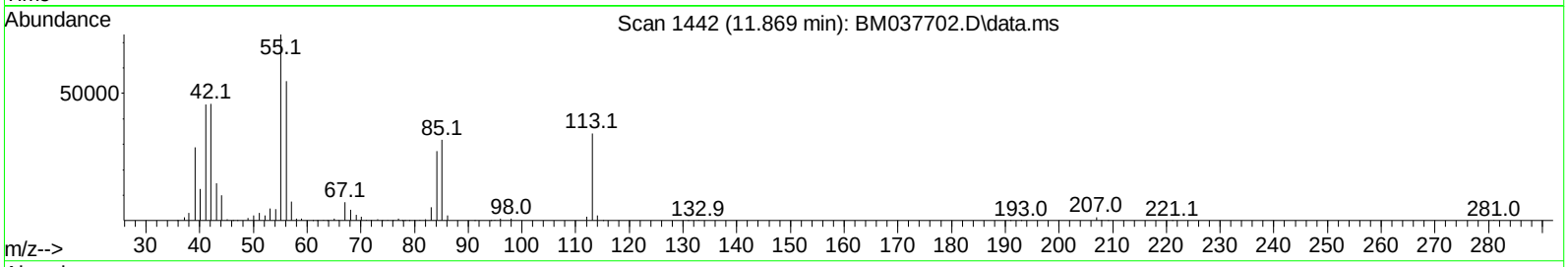
Quant Time: Nov 26 03:41:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

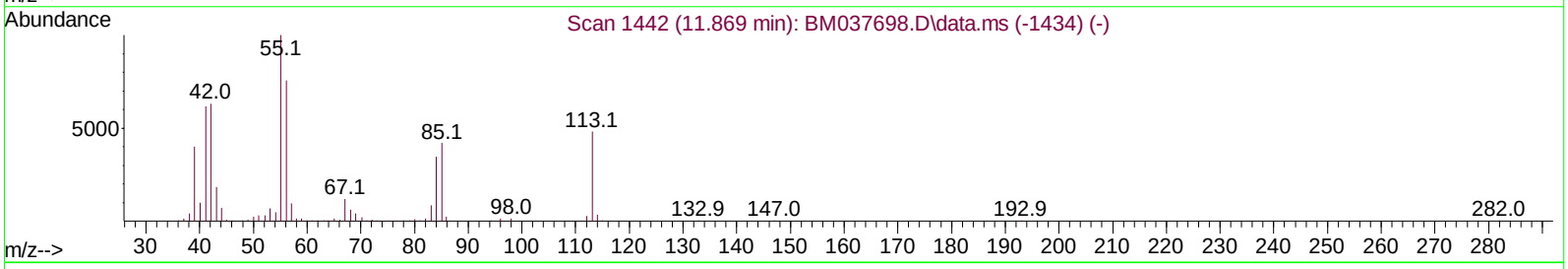
Instrument :
BNA_M
ClientSampleId :
SLCS070

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2022
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037702.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 11.57 ng/ul

response 72870

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	212.66
56.00	150.40	159.44
0.00	0.00	0.00

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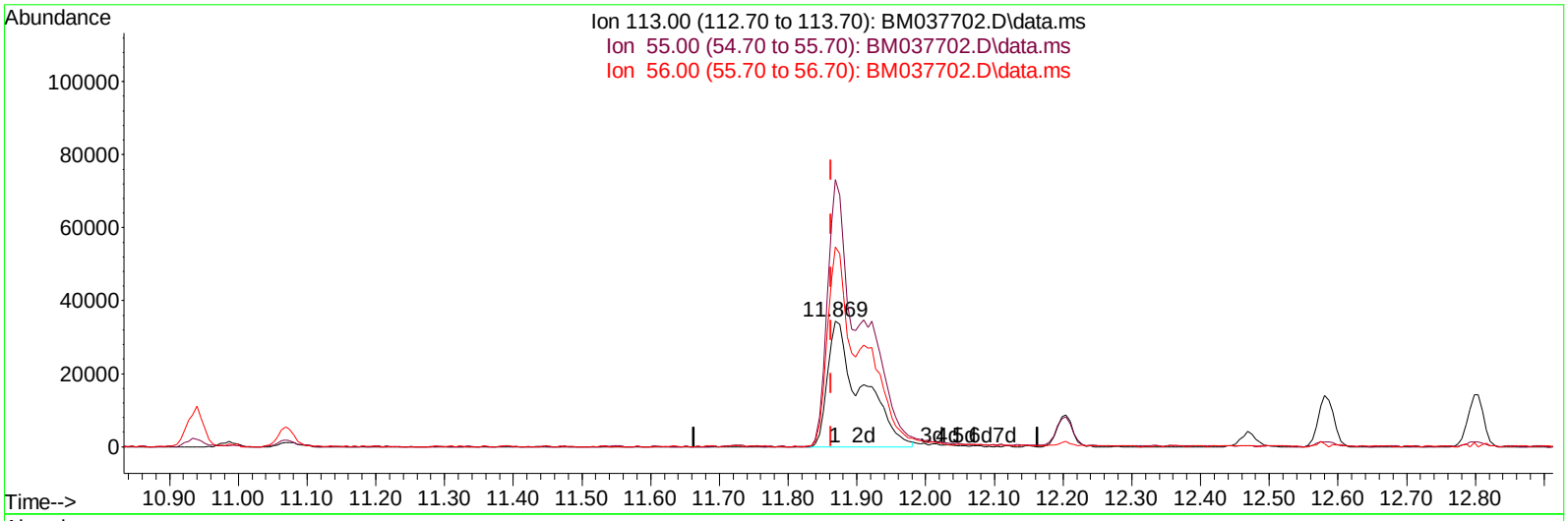

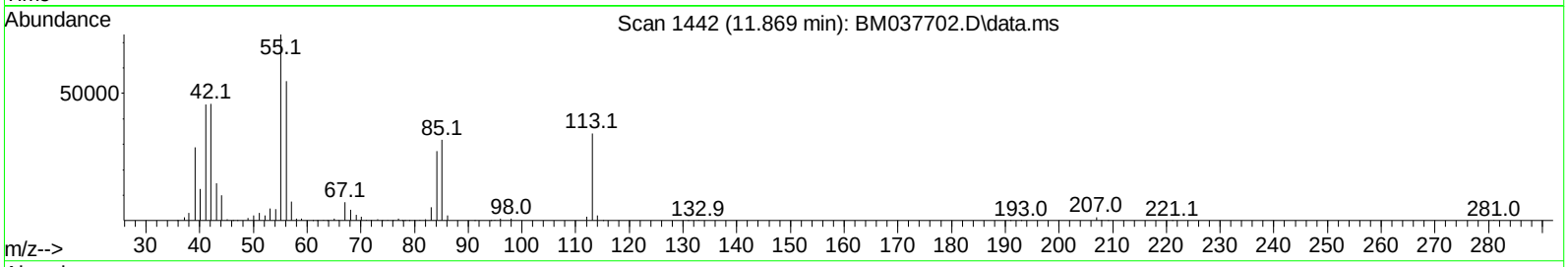

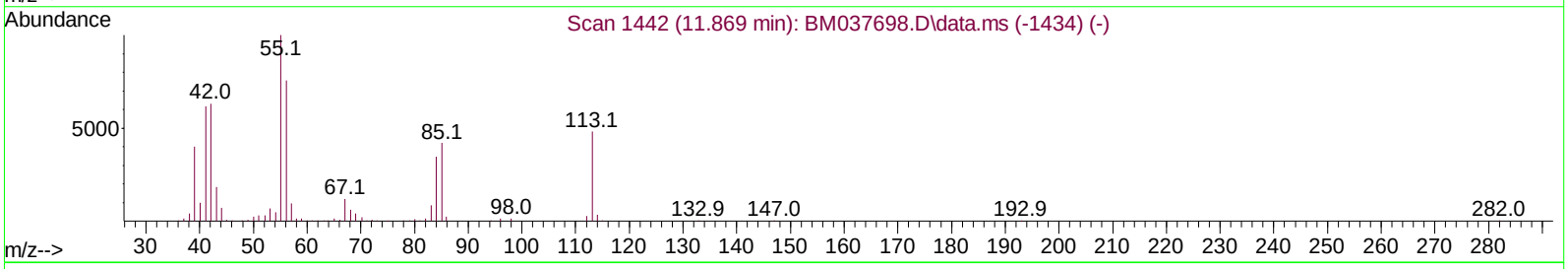

TIC: BM037702.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 18.74 ng/ul m

response 118012

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	212.66
56.00	150.40	159.44
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	8.116	152	197088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.939	136	1045362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	707963	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1530812	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1606030	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	1508688	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	20787	4.374	ng/uL	0.00
4) Pyridine-d5	3.869	84	320076	20.692	ng/ul	0.00
7) Phenol-d5	7.263	99	435380	22.143	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	297990	22.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	314087	22.988	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	348055	22.245	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	168031	20.504	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	157536	19.509	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	299825	20.289	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	497971	20.307	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1053484	21.008	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1257013	21.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	235953	21.361	ng/ul	0.00
60) Fluorene-d10	15.727	176	934490	21.278	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	152460	18.514	ng/ul	0.00
73) Anthracene-d10	17.574	188	1531968	21.400	ng/ul	0.00
81) Pyrene-d10	19.856	212	1783130	21.848	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1683179	21.675	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	39149	7.493	ng/uL	93
5) Pyridine	3.893	79	304098	19.333	ng/ul	96
6) Benzaldehyde	7.245	77	252583	24.475	ng/ul	95
8) Phenol	7.287	94	419512	20.354	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.528	93	334811	20.038	ng/ul	99
12) 2-Chlorophenol	7.675	128	309052	20.706	ng/ul	98
13) 2-Methylphenol	8.551	108	316614	20.137	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.645	45	601362	19.925	ng/ul	99
16) Acetophenone	8.945	105	528539	20.520	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.928	70	316376	20.957	ng/ul	93
18) 4-Methylphenol	8.887	108	357808	20.598	ng/ul	96
19) Hexachloroethane	9.204	117	137115	21.241	ng/ul	85
22) Nitrobenzene	9.328	77	456027	20.408	ng/ul	96
23) Isophorone	9.857	82	862748	19.157	ng/ul	99
25) 2-Nitrophenol	10.045	139	171601	18.789	ng/ul#	89
26) 2,4-Dimethylphenol	10.098	107	402384	20.061	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.339	93	496159	19.205	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	278635	18.431	ng/ul	97
30) Naphthalene	10.986	128	1112238	19.459	ng/ul	99
32) 4-Chloroaniline	11.092	127	471230	18.440	ng/ul	99
33) Hexachlorobutadiene	11.275	225	144558	18.215	ng/ul	98
34) Caprolactam	11.869	113	118012m	18.743	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	408178	21.121	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	761241	19.172	ng/ul	100
37) 1-Methylnaphthalene	12.798	142	776862	19.448	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	291667	16.778	ng/ul#	93
40) Hexachlorocyclopentadiene	12.927	237	165648	15.302	ng/ul	100
41) 2,4,6-Trichlorophenol	13.180	196	215514	17.217	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	237797	17.755	ng/ul	99
43) 1,1'-Biphenyl	13.580	154	1005235	18.698	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	767089	18.357	ng/ul	94
45) 2-Nitroaniline	13.822	65	339053	21.402	ng/ul	98
47) Dimethylphthalate	14.192	163	1019358	19.124	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	196113	19.053	ng/ul#	79
50) Acenaphthylene	14.463	152	1303517	19.483	ng/ul	99
51) 3-Nitroaniline	14.639	138	244508	19.577	ng/ul	95
52) Acenaphthene	14.804	153	943858	19.726	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	100294	16.608	ng/ul	88
55) 4-Nitrophenol	14.939	109	235161	23.757	ng/ul#	82
56) Dibenzofuran	15.133	168	1204609	19.289	ng/ul	90
57) 2,4-Dinitrotoluene	15.092	165	306997	20.326	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.357	232	204733	18.631	ng/ul	90
59) Diethylphthalate	15.551	149	1190059	20.685	ng/ul	98
61) Fluorene	15.780	166	1057187	19.542	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.774	204	445850	18.892	ng/ul	93
63) 4-Nitroaniline	15.798	138	265690	22.382	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.851	198	147945	16.928	ng/ul#	82
67) N-Nitrosodiphenylamine	15.980	169	910096	19.134	ng/ul	97
68) 4-Bromophenyl-phenylether	16.663	248	225831	18.341	ng/ul	90
69) Hexachlorobenzene	16.780	284	285794	18.073	ng/ul	93
70) Atrazine	16.927	200	302950	18.765	ng/ul	100
71) Pentachlorophenol	17.121	266	178559	17.053	ng/ul	99
72) Phenanthrene	17.521	178	1759211	19.618	ng/ul	99
74) Anthracene	17.610	178	1770077	19.443	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	297773	16.260	ng/uL	98
76) Pentachlorobenzene	15.057	250	305911	15.706	ng/uL	96
77) Carbazole	17.874	167	1716239	19.829	ng/ul	97
78) Di-n-butylphthalate	18.427	149	2271299	18.128	ng/ul	99
80) Fluoranthene	19.521	202	2021770	19.392	ng/ul	99
82) Pyrene	19.886	202	2186178	19.853	ng/ul	99
83) Butylbenzylphthalate	20.762	149	1075283	20.962	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.550	252	608017	18.850	ng/ul	99
85) Benzo(a)anthracene	21.627	228	2082573	19.383	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	1579974	20.386	ng/ul	99
87) Chrysene	21.680	228	1949780	19.284	ng/ul	99
89) Di-n-octyl phthalate	22.492	149	2740754	21.267	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1964216	19.151	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	1993308	19.929	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1726513	19.368	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.744	276	1929857	18.871	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	1684764	18.349	ng/ul	99
96) Benzo(g,h,i)perylene	27.556	276	1658069	18.619	ng/ul	99

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

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