Quantitation Report (Qedit)

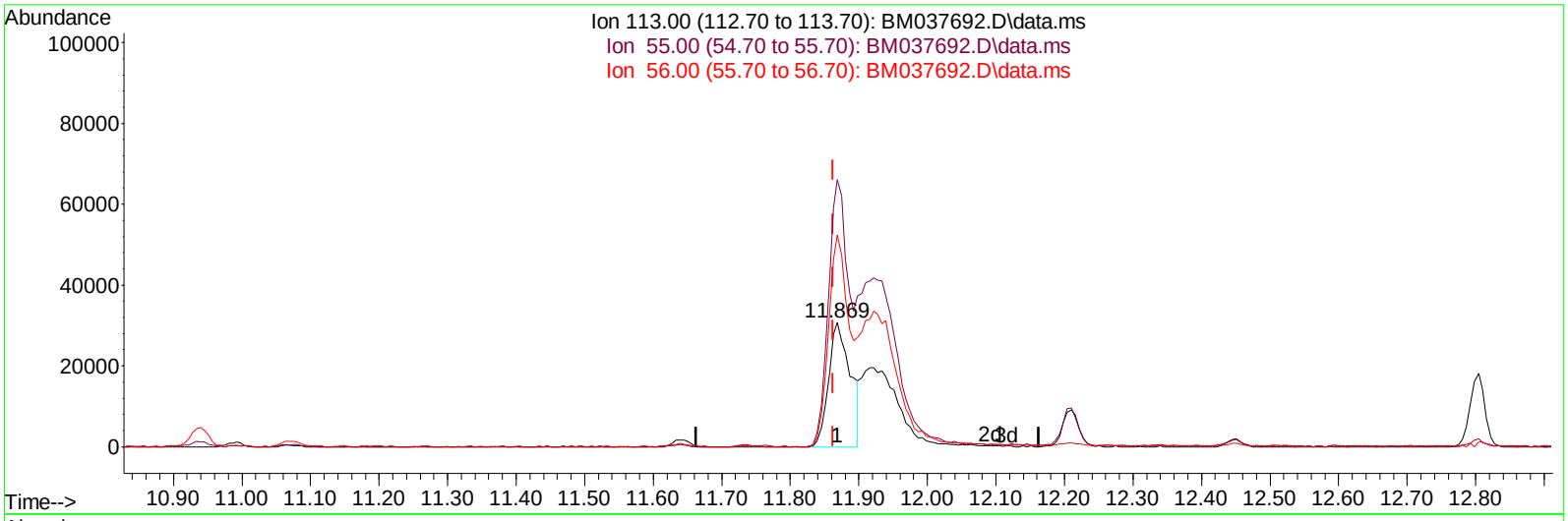
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037692.D
Acq On : 25 Nov 2022 11:25
Operator : CG/JU
Sample : N5568-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

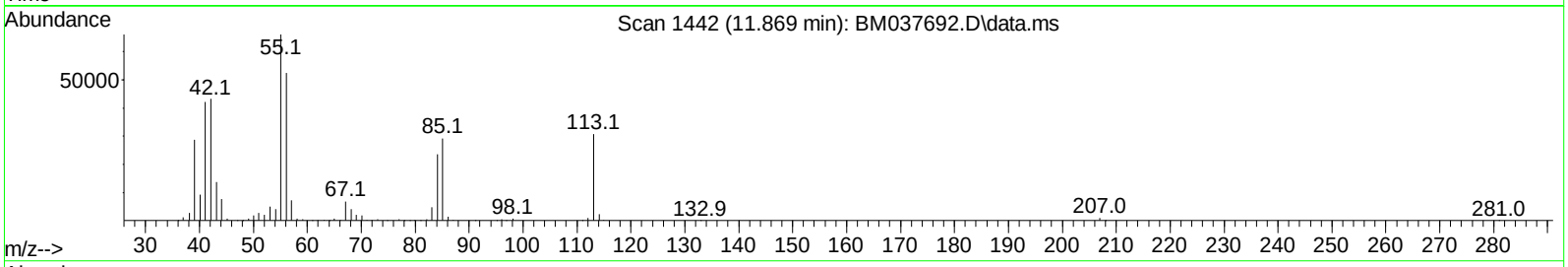
Quant Time: Nov 26 02:26:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

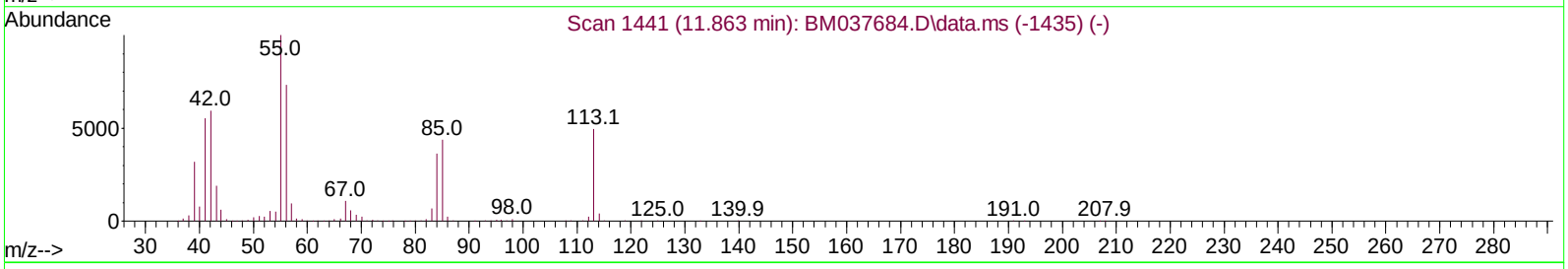
Instrument :
BNA_M
ClientSampleId :
X3D62

Manual IntegrationsAPPROVED

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







TIC: BM037692.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 23.67 ng/ul

response 68453

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	214.19
56.00	150.40	170.19
0.00	0.00	0.00

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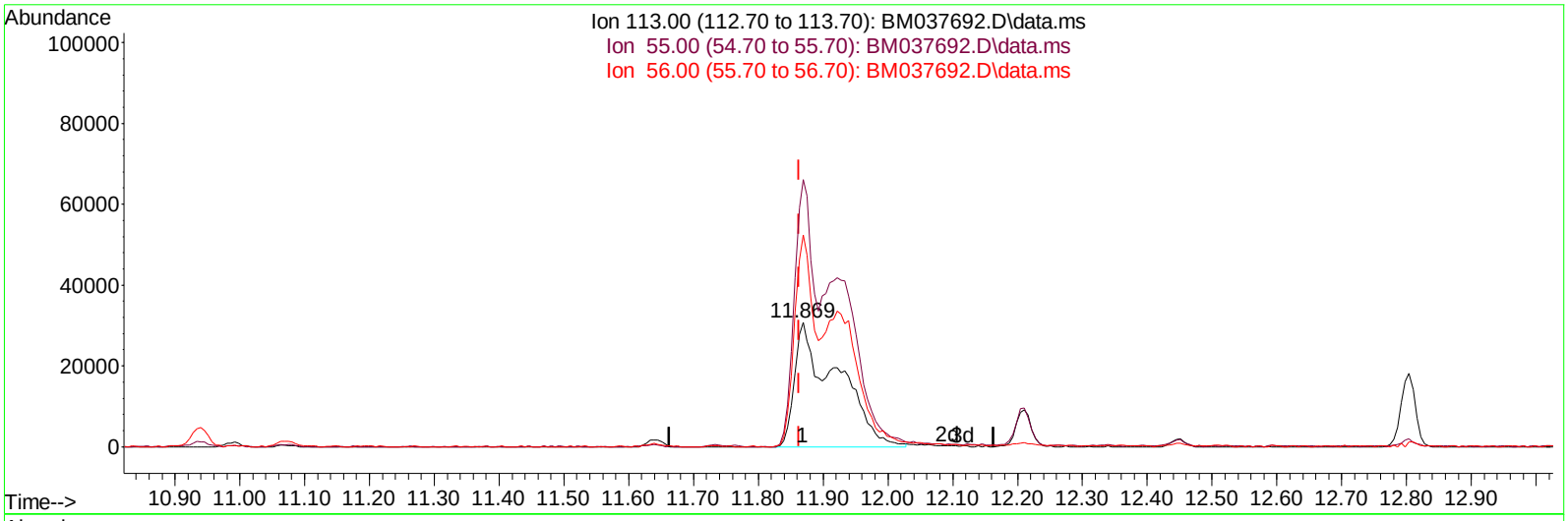

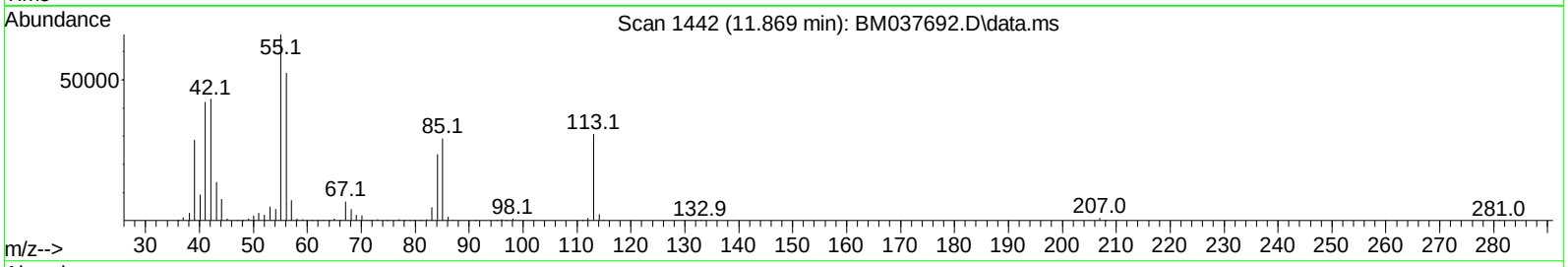

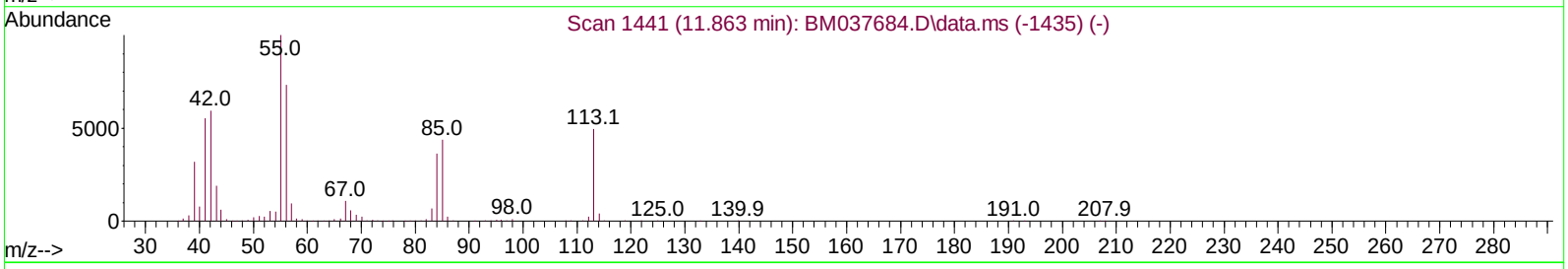

TIC: BM037692.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 48.31 ng/ul m

response 139718

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	214.19
56.00	150.40	170.19
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	100434	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	480142	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.739	164	330870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	729517	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	768937	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	736056	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	17985	7.426	ng/uL	0.00
4) Pyridine-d5	3.875	84	241489	30.635	ng/ul	0.00
7) Phenol-d5	7.263	99	395789	39.501	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	258225	38.633	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	281670	40.456	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	304789	38.226	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	142452	37.845	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	137330	37.027	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	257659	37.961	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	131297	11.657	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	905099	38.620	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	1043164	37.710	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	189519	36.712	ng/ul	0.00
60) Fluorene-d10	15.727	176	822560	40.075	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	123190	31.391	ng/ul	0.00
73) Anthracene-d10	17.574	188	1336915	39.189	ng/ul	0.00
81) Pyrene-d10	19.857	212	1559360	39.906	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1497309	39.521	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	33368	12.533	ng/uL	93
6) Benzaldehyde	7.246	77	478152	90.921	ng/ul	96
12) 2-Chlorophenol	7.675	128	192450	25.303	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.651	45	519230	33.760	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.928	70	548153	71.254	ng/ul	91
19) Hexachloroethane	9.210	117	63182	19.207	ng/ul	97
22) Nitrobenzene	9.328	77	470709	45.863	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.340	93	331802	27.962	ng/ul	97
30) Naphthalene	10.987	128	687459	26.186	ng/ul	99
34) Caprolactam	11.869	113	139718m	48.313	ng/ul	
35) 4-Chloro-3-methylphenol	12.210	107	433003	48.782	ng/ul	93
37) 1-Methylnaphthalene	12.804	142	830482	45.265	ng/ul	99
41) 2,4,6-Trichlorophenol	13.181	196	106279	18.167	ng/ul	100
42) 2,4,5-Trichlorophenol	13.251	196	117495	18.771	ng/ul	98
44) 2-Chloronaphthalene	13.628	162	1033063	52.899	ng/ul	96
47) Dimethylphthalate	14.192	163	792795	31.824	ng/ul	100
50) Acenaphthylene	14.463	152	1005883	32.169	ng/ul	99
52) Acenaphthene	14.804	153	427724	19.127	ng/ul	99
55) 4-Nitrophenol	14.945	109	400494	86.573	ng/ul#	77
56) Dibenzofuran	15.133	168	721890	24.733	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.357	232	94093	18.321	ng/ul	93
59) Diethylphthalate	15.545	149	1612015	59.954	ng/ul	98
61) Fluorene	15.780	166	933619	36.926	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 4-Chlorophenyl-phenyle...	15.775	204	386137	35.010	ng/ul	96
68) 4-Bromophenyl-phenylether	16.669	248	399085	68.013	ng/ul	98
69) Hexachlorobenzene	16.780	284	139016	18.447	ng/ul	90
71) Pentachlorophenol	17.121	266	200686	40.219	ng/ul	100
72) Phenanthrene	17.521	178	1839924	43.055	ng/ul	99
78) Di-n-butylphthalate	18.427	149	1570878	26.310	ng/ul#	99
80) Fluoranthene	19.521	202	1584676	31.747	ng/ul	97
83) Butylbenzylphthalate	20.762	149	727427	29.618	ng/ul	95
85) Benzo(a)anthracene	21.627	228	1505424	29.265	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	713813	19.237	ng/ul	99
87) Chrysene	21.680	228	1160731	23.978	ng/ul	99
89) Di-n-octyl phthalate	22.492	149	3164772	50.334	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	943112	18.848	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	1800279	36.893	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	1014864	20.341	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	933669	20.843	ng/ul	99

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

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