Quantitation Report (Qedit)

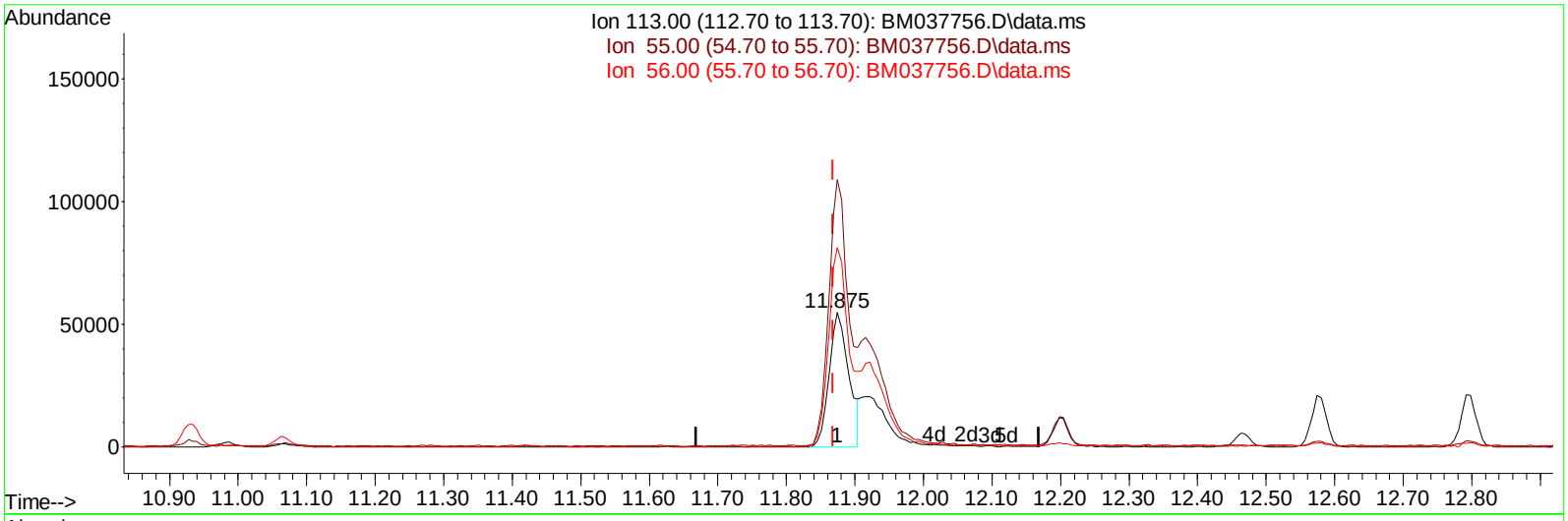
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
Data File : BM037756.D
Acq On : 28 Nov 2022 12:54
Operator : CG/JU
Sample : N5658-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

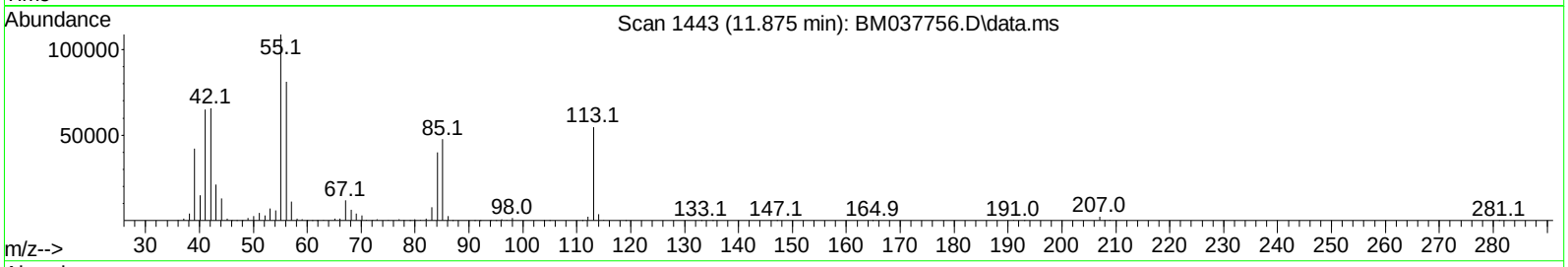
Quant Time: Nov 28 22:28:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 28 22:24:47 2022
Response via : Initial Calibration

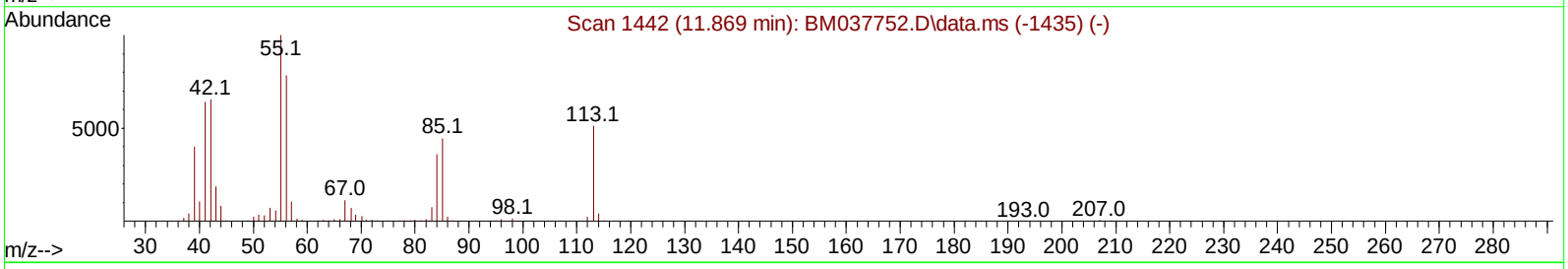
Instrument :
BNA_M
ClientSampleId :
ESQT3MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/29/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BM037756.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 17.91 ng/ul

response 109762

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	198.90
56.00	150.40	148.64
0.00	0.00	0.00

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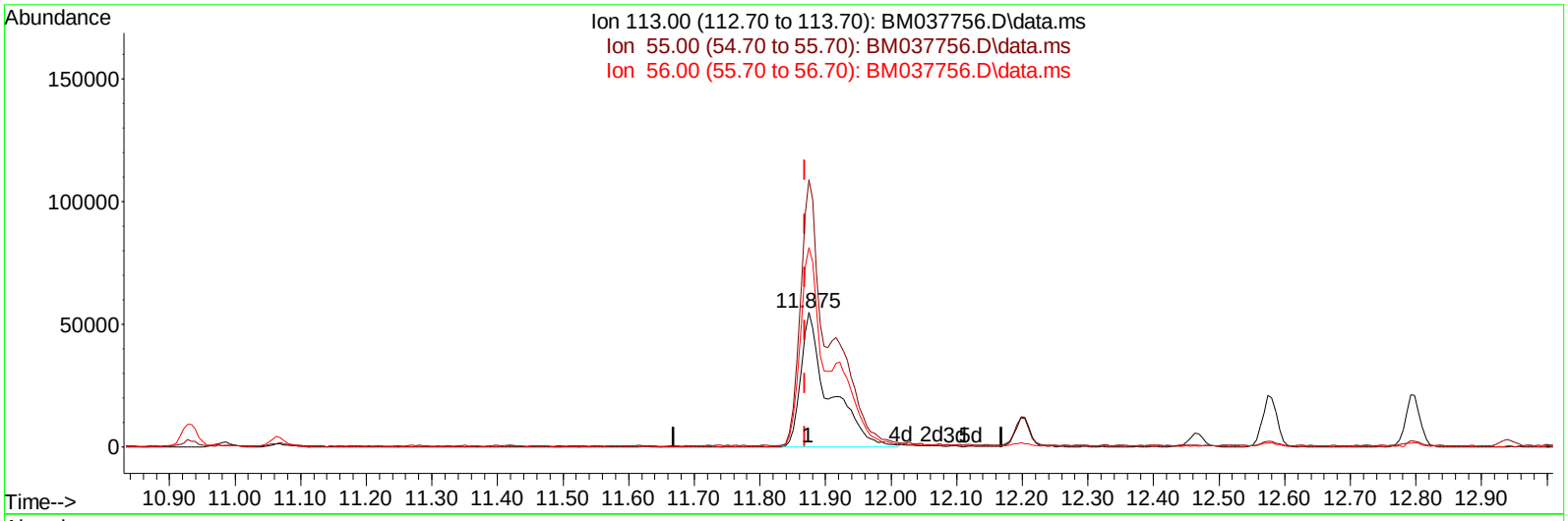

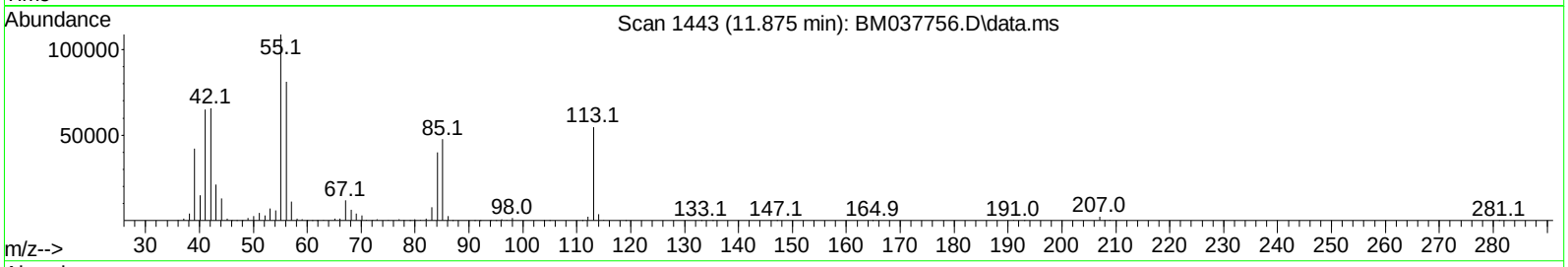

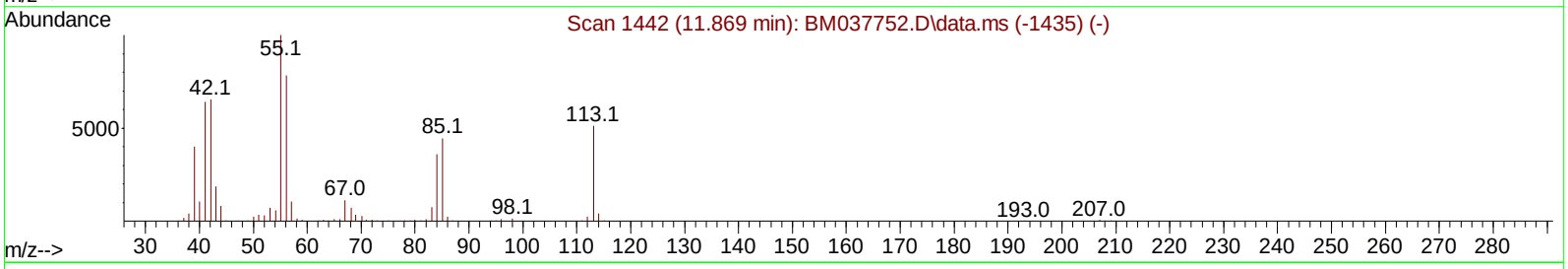

TIC: BM037756.D\data.ms

(34) Caprolactam

11.875min (+ 0.006) 26.82 ng/ul m

response 164346

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	198.90
56.00	150.40	148.64
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	8.110	152	209171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.933	136	1017532	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.733	164	651198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1332301	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1153097	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	920890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	24572	4.872	ng/uL	0.00
4) Pyridine-d5	3.881	84	64333	3.919	ng/ul	0.01
7) Phenol-d5	7.257	99	570657	27.346	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	377456	27.115	ng/ul	0.00
11) 2-Chlorophenol-d4	7.634	132	419993	28.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	454957	27.397	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	232887	29.195	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	236091	30.037	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	427400	29.713	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	394488	16.527	ng/ul	0.00
46) Dimethylphthalate-d6	14.139	166	1368984	29.679	ng/ul	0.00
49) Acenaphthylene-d8	14.433	160	1605858	29.496	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	272374	26.808	ng/ul	0.00
60) Fluorene-d10	15.721	176	1203069	29.781	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	193565	27.008	ng/ul	0.00
73) Anthracene-d10	17.568	188	1874197	30.082	ng/ul	0.00
81) Pyrene-d10	19.850	212	2058103	35.123	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	1485263	31.334	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	56421	10.175	ng/uL	93
5) Pyridine	3.899	79	156910	9.399	ng/ul	96
6) Benzaldehyde	7.240	77	377722	34.486	ng/ul	97
8) Phenol	7.287	94	626365	28.635	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.522	93	484912	27.345	ng/ul	99
12) 2-Chlorophenol	7.669	128	472666	29.839	ng/ul	99
13) 2-Methylphenol	8.551	108	467328	28.005	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.639	45	878265	27.419	ng/ul	100
16) Acetophenone	8.939	105	795340	29.094	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.928	70	453149	28.283	ng/ul	95
18) 4-Methylphenol	8.886	108	520674	28.242	ng/ul	94
19) Hexachloroethane	9.204	117	209554	30.587	ng/ul	93
22) Nitrobenzene	9.322	77	665166	30.581	ng/ul	97
23) Isophorone	9.857	82	1248710	28.485	ng/ul	99
25) 2-Nitrophenol	10.039	139	274546	30.882	ng/ul	92
26) 2,4-Dimethylphenol	10.092	107	536494	27.479	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.333	93	699173	27.803	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	449140	30.522	ng/ul	99
30) Naphthalene	10.980	128	1640352	29.483	ng/ul	100
32) 4-Chloroaniline	11.092	127	606958	24.401	ng/ul	100
33) Hexachlorobutadiene	11.263	225	252391	32.672	ng/ul	99
34) Caprolactam	11.875	113	164346m	26.816	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	567066	30.146	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	1127682	29.178	ng/ul	99
37) 1-Methylnaphthalene	12.798	142	1146362	29.483	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.939	216	495803	31.007	ng/ul	96
40) Hexachlorocyclopentadiene	12.922	237	267344	26.849	ng/ul	99
41) 2,4,6-Trichlorophenol	13.174	196	349746	30.376	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	380070	30.851	ng/ul	99
43) 1,1'-Biphenyl	13.574	154	1468921	29.705	ng/ul	98
44) 2-Chloronaphthalene	13.621	162	1132186	29.457	ng/ul	98
45) 2-Nitroaniline	13.821	65	466378	32.005	ng/ul	96
47) Dimethylphthalate	14.186	163	1472029	30.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.310	165	304173	32.128	ng/ul	93
50) Acenaphthylene	14.463	152	1846683	30.007	ng/ul	100
51) 3-Nitroaniline	14.639	138	337855	29.409	ng/ul	97
52) Acenaphthene	14.798	153	1310037	29.765	ng/ul	100
53) 2,4-Dinitrophenol	14.839	184	148623	26.756	ng/ul	97
55) 4-Nitrophenol	14.939	109	294680	32.365	ng/ul	85
56) Dibenzofuran	15.133	168	1715602	29.865	ng/ul	94
57) 2,4-Dinitrotoluene	15.092	165	442454	31.849	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.351	232	316333	31.296	ng/ul	98
59) Diethylphthalate	15.545	149	1635074	30.898	ng/ul	99
61) Fluorene	15.774	166	1487542	29.893	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.768	204	673283	31.016	ng/ul	99
63) 4-Nitroaniline	15.798	138	354811	32.496	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.851	198	227309	29.884	ng/ul#	98
67) N-Nitrosodiphenylamine	15.980	169	1269577	30.669	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	366100	34.163	ng/ul	97
69) Hexachlorobenzene	16.774	284	412984	30.007	ng/ul	92
70) Atrazine	16.927	200	427979	30.459	ng/ul	98
71) Pentachlorophenol	17.115	266	235939	25.891	ng/ul	98
72) Phenanthrene	17.515	178	2384955	30.559	ng/ul	99
74) Anthracene	17.604	178	2402564	30.323	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	494173	31.006	ng/uL	99
76) Pentachlorobenzene	15.051	250	474765	28.007	ng/uL	99
77) Carbazole	17.874	167	2223453	29.517	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3014951	27.649	ng/ul	99
80) Fluoranthene	19.515	202	2655888	35.481	ng/ul	98
82) Pyrene	19.880	202	2784717	35.221	ng/ul	97
83) Butylbenzylphthalate	20.762	149	1348001	36.600	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.544	252	572104	24.704	ng/ul	99
85) Benzo(a)anthracene	21.621	228	2438111	31.606	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1928152	34.650	ng/ul	100
87) Chrysene	21.674	228	2262317	31.164	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	3072750	39.061	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2037960	32.553	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	2054505	33.652	ng/ul	98
93) Benzo(a)pyrene	24.015	252	1728694	31.771	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	1731364	27.736	ng/ul	96
95) Dibenzo(a,h)anthracene	26.750	278	1506178	26.874	ng/ul	97
96) Benzo(g,h,i)perylene	27.538	276	1272088	23.402	ng/ul	97

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

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