Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
Data File : BM037683.D
Acq On : 23 Nov 2022 20:25
Operator : CG/JU
Sample : SSTD01091
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 24 00:42:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 00:36:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010041

Manual IntegrationsAPPROVED

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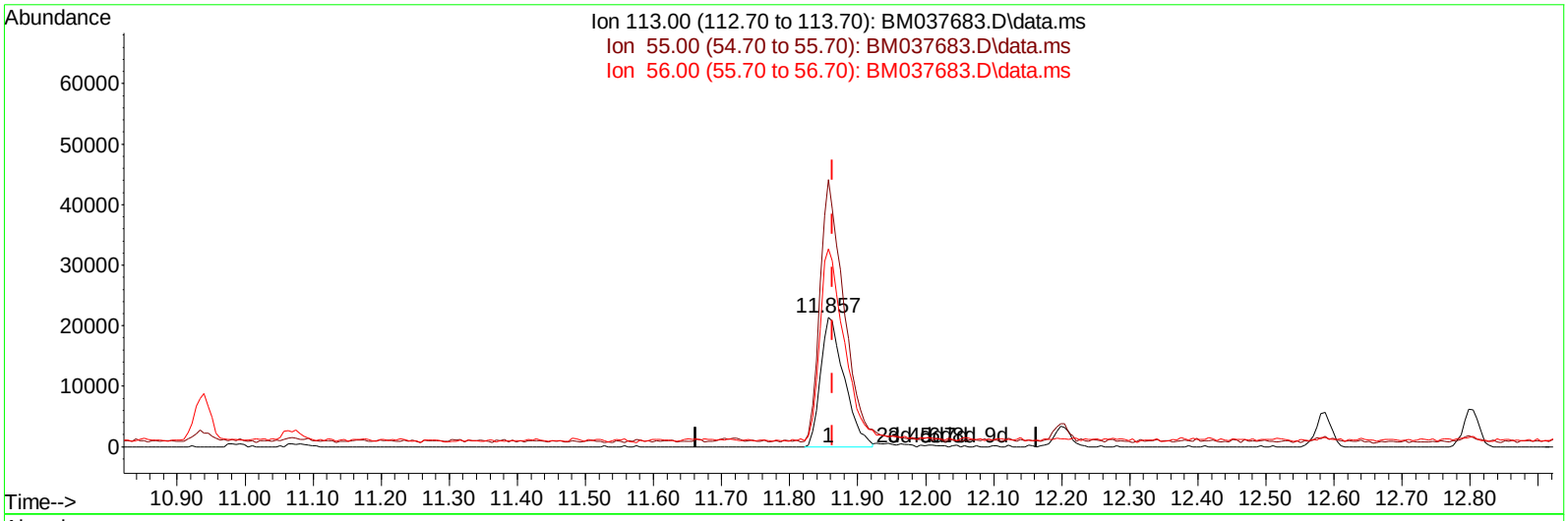
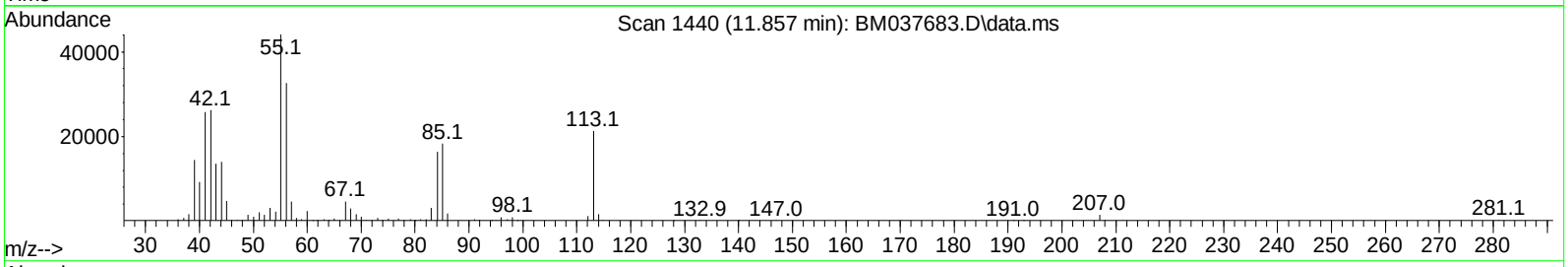
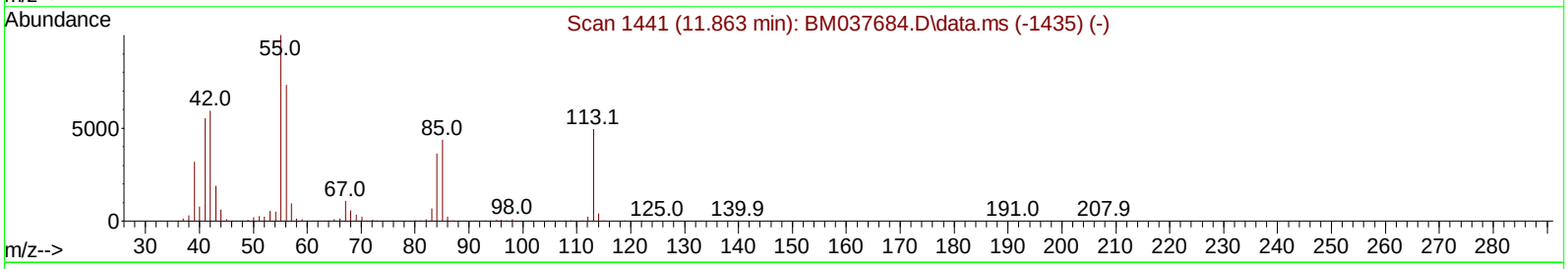
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037683.D\data.ms

(34) Caprolactam

11.857min (-0.006) 11.03 ng/ul

response 51743

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	206.40
56.00	150.40	153.01
0.00	0.00	0.00

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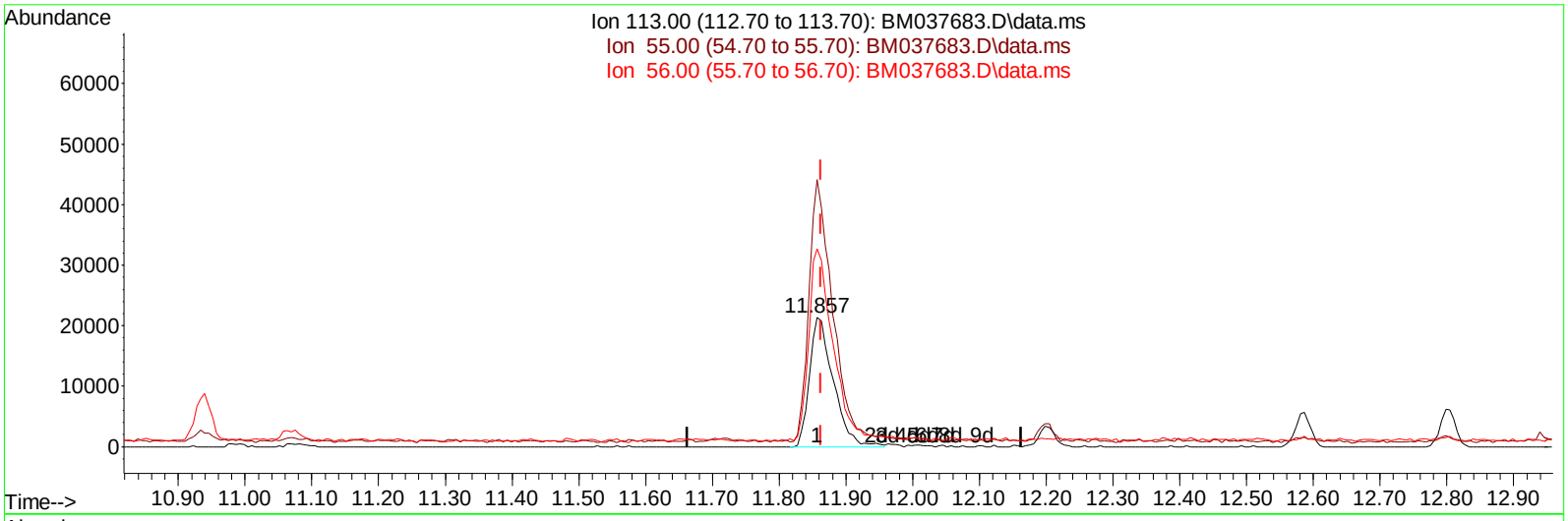

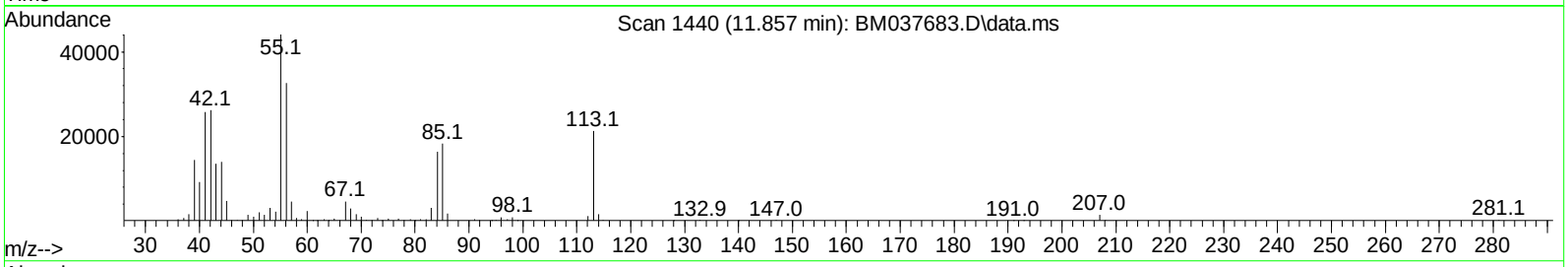

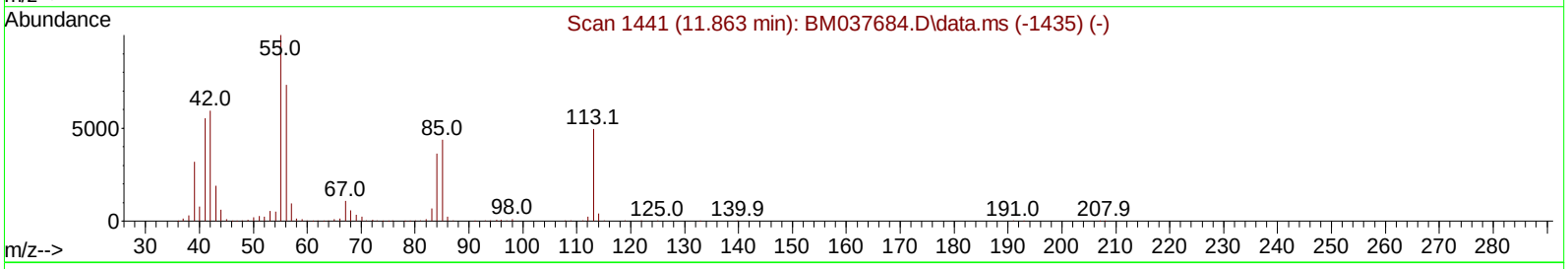

TIC: BM037683.D\data.ms

(34) Caprolactam

11.857min (-0.006) 11.24 ng/ul m

response 52751

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	206.40
56.00	150.40	153.01
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	190206	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	923801	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	614612	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1289742	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1323866	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1312816	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	19143	4.437	ng/uL	0.00
4) Pyridine-d5	3.875	84	133451	10.361	ng/ul	0.00
7) Phenol-d5	7.258	99	175190	10.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	122780	12.087	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	125003	9.884	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	137056	10.139	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	69408	10.058	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	66513	8.849	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	125039	9.023	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	212443	10.031	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	421077	9.909	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	492332	9.637	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143	86909	10.232	ng/ul	0.00
60) Fluorene-d10	15.728	176	371563	9.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	51599	6.316	ng/ul	0.00
73) Anthracene-d10	17.574	188	577919	9.729	ng/ul	0.00
81) Pyrene-d10	19.851	212	636041	9.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	644968	9.544	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	20457	4.513	ng/uL#	85
5) Pyridine	3.893	79	142061	11.012	ng/ul	93
6) Benzaldehyde	7.246	77	104874	13.695	ng/ul	98
8) Phenol	7.287	94	182107	10.456	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.528	93	157061	11.241	ng/ul	98
12) 2-Chlorophenol	7.675	128	135305	9.887	ng/ul	99
13) 2-Methylphenol	8.552	108	139676	10.512	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.646	45	284640	14.343	ng/ul	99
16) Acetophenone	8.946	105	244372	11.273	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.928	70	142105	13.197	ng/ul	99
18) 4-Methylphenol	8.881	108	153801	10.508	ng/ul	99
19) Hexachloroethane	9.210	117	59980	11.043	ng/ul	95
22) Nitrobenzene	9.328	77	189549	11.381	ng/ul	99
23) Isophorone	9.857	82	389643	12.129	ng/ul	100
25) 2-Nitrophenol	10.046	139	75356	8.771	ng/ul	98
26) 2,4-Dimethylphenol	10.099	107	172974	10.708	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.340	93	226845	11.358	ng/ul	99
29) 2,4-Dichlorophenol	10.581	162	129097	9.052	ng/ul	96
30) Naphthalene	10.993	128	500662	10.158	ng/ul	99
32) 4-Chloroaniline	11.093	127	229517	10.459	ng/ul	99
33) Hexachlorobutadiene	11.275	225	68966	7.852	ng/ul	100
34) Caprolactam	11.857	113	52751m	11.240	ng/ul	
35) 4-Chloro-3-methylphenol	12.198	107	165997	11.221	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.587	142	346036	10.166	ng/ul	99
37) 1-Methylnaphthalene	12.804	142	347453	10.145	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.945	216	141965	7.696	ng/ul	96
40) Hexachlorocyclopentadiene	12.928	237	77134	7.480	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	102958	8.646	ng/ul	97
42) 2,4,5-Trichlorophenol	13.251	196	108786	8.484	ng/ul	98
43) 1,1'-Biphenyl	13.581	154	456311	9.989	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	354356	9.654	ng/ul	99
45) 2-Nitroaniline	13.822	65	126355	13.055	ng/ul	98
47) Dimethylphthalate	14.192	163	452524	9.997	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	82623	9.322	ng/ul	93
50) Acenaphthylene	14.463	152	568064	10.173	ng/ul	100
51) 3-Nitroaniline	14.639	138	96203	10.058	ng/ul	96
52) Acenaphthene	14.804	153	408775	10.288	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	37070	6.228	ng/ul	98
55) 4-Nitrophenol	14.928	109	78831	12.621	ng/ul	97
56) Dibenzofuran	15.133	168	533341	9.941	ng/ul	100
57) 2,4-Dinitrotoluene	15.092	165	123077	9.477	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.357	232	90140	8.075	ng/ul	100
59) Diethylphthalate	15.545	149	492321	10.920	ng/ul	100
61) Fluorene	15.780	166	463056	10.204	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	198877	8.917	ng/ul	100
63) 4-Nitroaniline	15.792	138	96938	10.901	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.845	198	57272	6.600	ng/ul#	92
67) N-Nitrosodiphenylamine	15.980	169	392070	10.255	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	92066	6.710	ng/ul	99
69) Hexachlorobenzene	16.780	284	128522	7.675	ng/ul	97
70) Atrazine	16.927	200	124454	9.195	ng/ul	98
71) Pentachlorophenol	17.122	266	73104	7.134	ng/ul	98
72) Phenanthrene	17.516	178	739331	10.252	ng/ul	100
74) Anthracene	17.610	178	749247	10.326	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	144952	7.756	ng/uL	100
76) Pentachlorobenzene	15.057	250	156395	7.691	ng/uL	97
77) Carbazole	17.874	167	716067	10.939	ng/ul	99
78) Di-n-butylphthalate	18.427	149	1046243	13.873	ng/ul	100
80) Fluoranthene	19.521	202	813868	9.560	ng/ul	99
82) Pyrene	19.880	202	870210	9.703	ng/ul	98
83) Butylbenzylphthalate	20.762	149	397463	11.411	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	237208	7.731	ng/ul	99
85) Benzo(a)anthracene	21.621	228	858698	10.107	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.533	149	611176	12.584	ng/ul	99
87) Chrysene	21.680	228	805558	10.077	ng/ul	99
89) Di-n-octyl phthalate	22.492	149	1044538	10.936	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	868963	9.515	ng/ul	100
91) Benzo(k)fluoranthene	23.415	252	817660	9.144	ng/ul	99
93) Benzo(a)pyrene	24.015	252	746311	9.771	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	862604	10.552	ng/ul	97
95) Dibenzo(a,h)anthracene	26.756	278	774304	10.533	ng/ul	99
96) Benzo(g,h,i)perylene	27.539	276	752565	10.745	ng/ul	99

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

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