Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038899.D
Acq On : 07 Mar 2023 17:16
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 21:40:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 06 23:57:30 2023
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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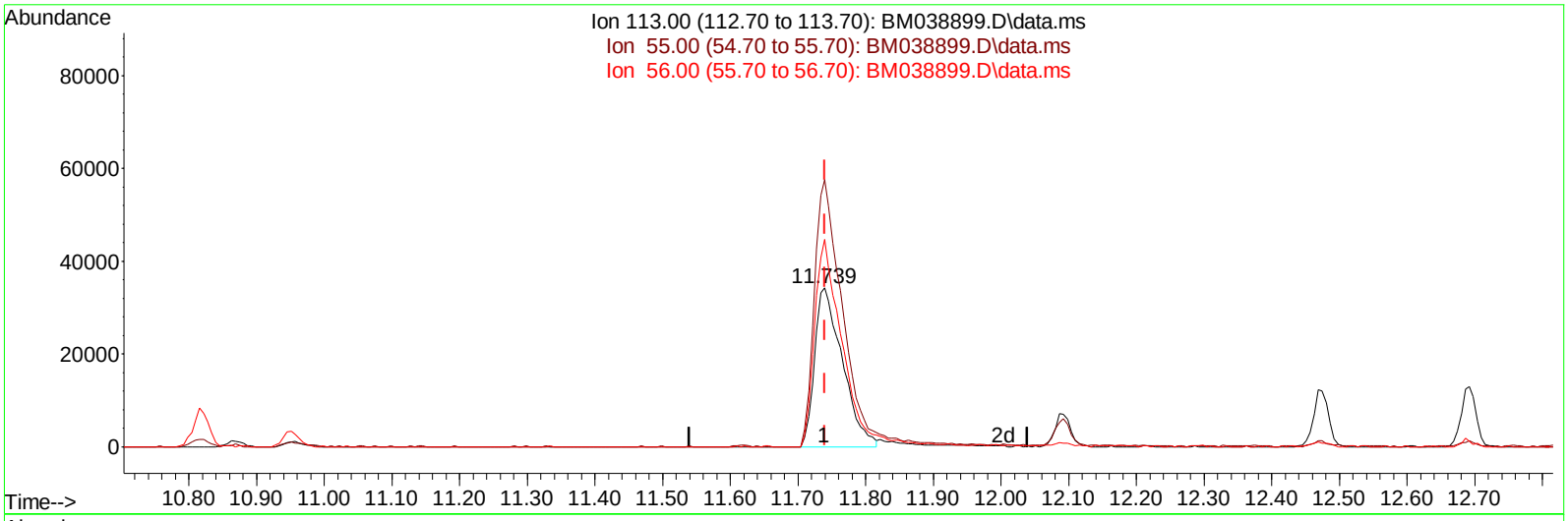
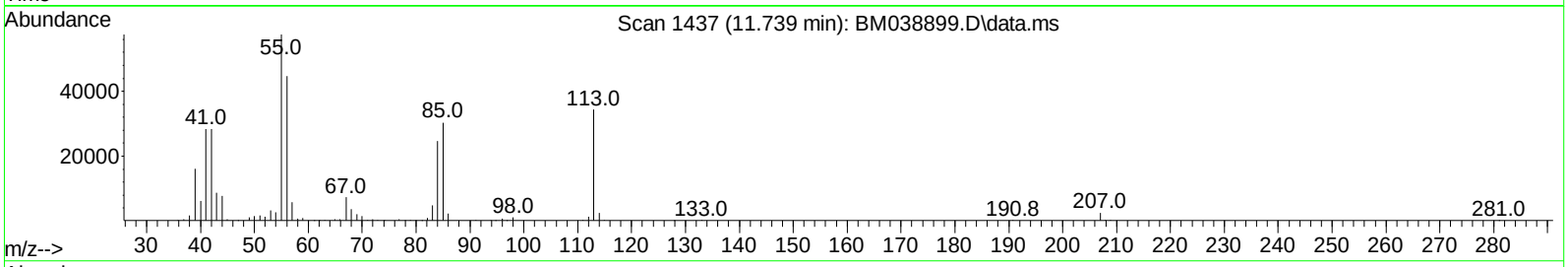
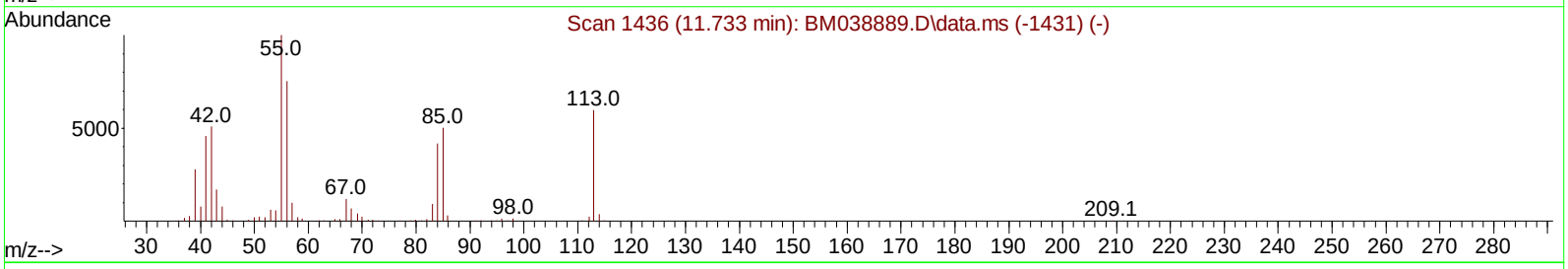
Supervised By :Jagrut Upadhyay 03/08/2023







TIC: BM038899.D\data.ms

(34) Caprolactam

11.739min (-0.000) 16.36 ng/ul

response 97652

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.68
56.00	124.90	130.26
0.00	0.00	0.00

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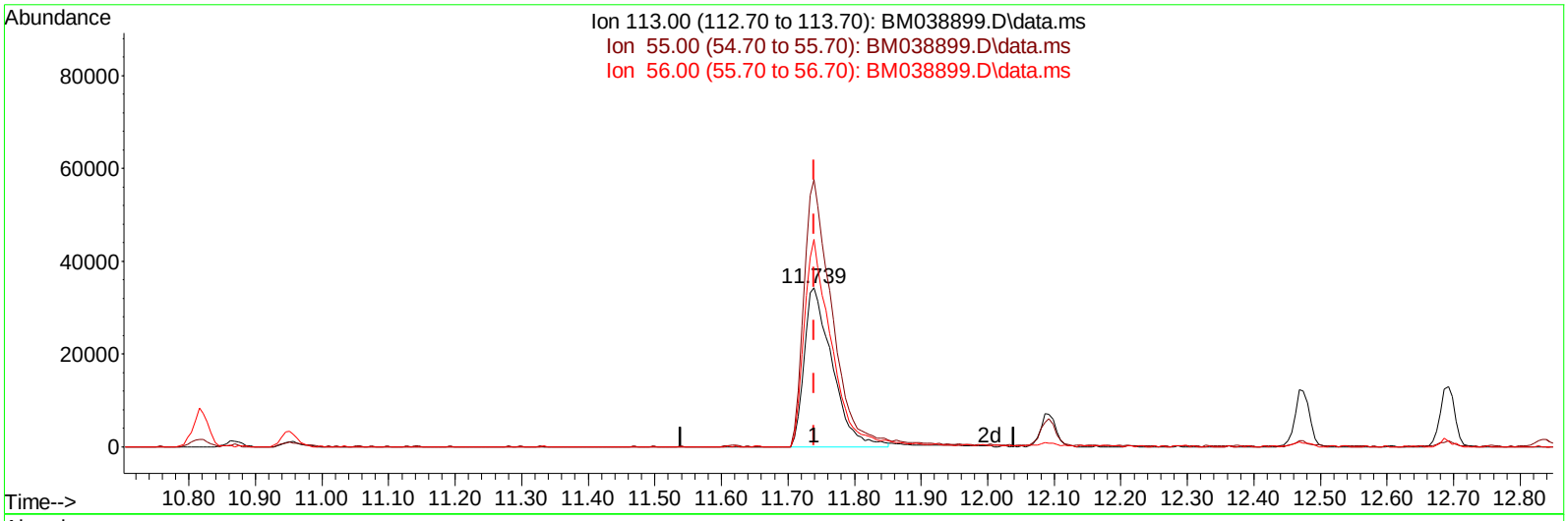

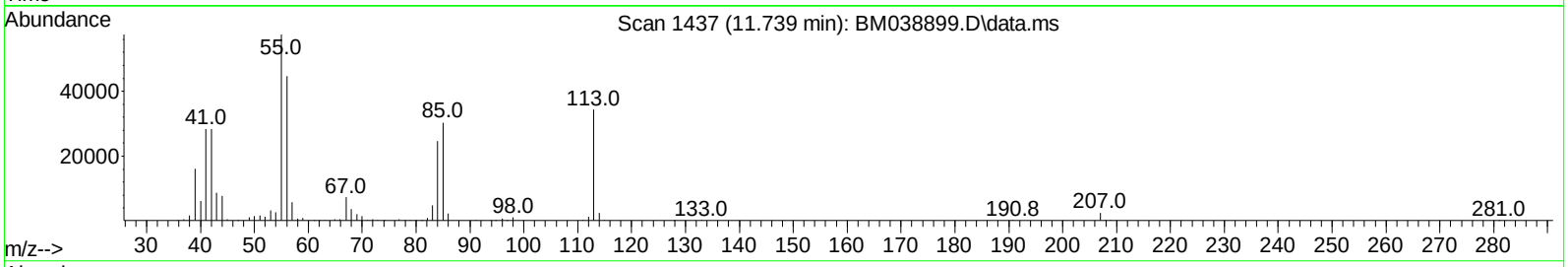

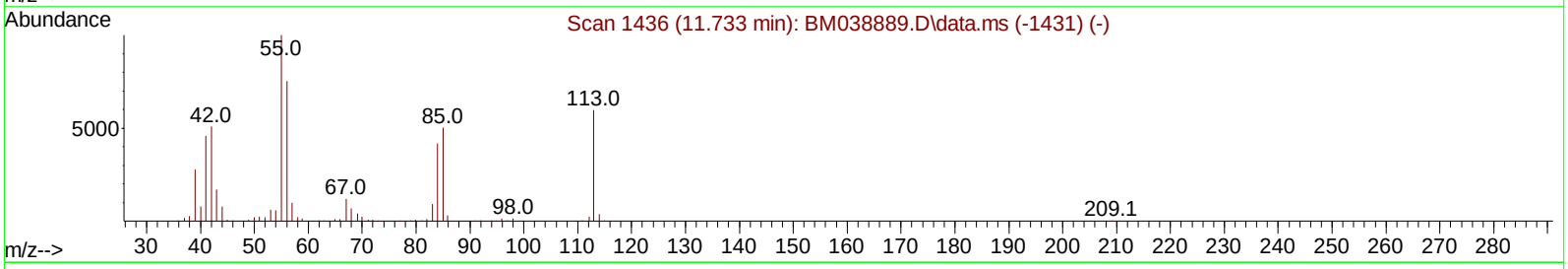

TIC: BM038899.D\data.ms

(34) Caprolactam

11.739min (-0.000) 16.75 ng/ul m

response 100030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	167.68
56.00	124.90	130.26
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	8.004	152	248871	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1123632	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	703257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1483221	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1467437	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1643039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	51440	7.718	ng/uL	0.00
4) Pyridine-d5	3.798	84	358933	19.587	ng/ul	0.00
7) Phenol-d5	7.151	99	428839	18.380	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	275387	18.472	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	337701	19.424	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	337098	18.339	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	165198	20.942	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	164798	22.296	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	331913	19.325	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	511205	17.856	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	997358	18.310	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	1189311	18.681	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	196414	18.013	ng/ul	0.00
60) Fluorene-d10	15.627	176	887885	18.483	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	136529	17.706	ng/ul	0.00
73) Anthracene-d10	17.480	188	1372599	18.767	ng/ul	0.00
81) Pyrene-d10	19.768	212	1555896	19.278	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.850	264	1613915	19.492	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	55060	7.687	ng/uL	99
5) Pyridine	3.822	79	383950	19.463	ng/ul	97
6) Benzaldehyde	7.134	77	253373	22.422	ng/ul	98
8) Phenol	7.181	94	460606	18.444	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	370650	18.643	ng/ul	99
12) 2-Chlorophenol	7.563	128	346563	19.354	ng/ul	97
13) 2-Methylphenol	8.445	108	338907	18.155	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	459711	18.419	ng/ul	99
16) Acetophenone	8.828	105	586160	18.348	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.816	70	280936	19.147	ng/ul	99
18) 4-Methylphenol	8.769	108	381737	18.417	ng/ul	100
19) Hexachloroethane	9.092	117	143144	19.953	ng/ul	99
22) Nitrobenzene	9.210	77	422574	19.581	ng/ul	100
23) Isophorone	9.739	82	800383	18.234	ng/ul	99
25) 2-Nitrophenol	9.927	139	188946	21.556	ng/ul	98
26) 2,4-Dimethylphenol	9.980	107	409458	19.014	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.227	93	505520	18.767	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	335019	19.241	ng/ul	99
30) Naphthalene	10.869	128	1202023	18.747	ng/ul	99
32) 4-Chloroaniline	10.974	127	523905	18.074	ng/ul	98
33) Hexachlorobutadiene	11.157	225	203862	18.818	ng/ul	98
34) Caprolactam	11.739	113	100030m	16.754	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	371024	18.849	ng/ul	100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	783648	18.725 ng/ul	100
37) 1-Methylnaphthalene	12.692	142	789059	18.713 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	400636	19.045 ng/ul	99
40) Hexachlorocyclopentadiene	12.821	237	221018	19.474 ng/ul	96
41) 2,4,6-Trichlorophenol	13.074	196	259066	19.525 ng/ul	97
42) 2,4,5-Trichlorophenol	13.139	196	285085	19.522 ng/ul	99
43) 1,1'-Biphenyl	13.480	154	1062720	19.159 ng/ul	99
44) 2-Chloronaphthalene	13.521	162	832723	19.033 ng/ul	100
45) 2-Nitroaniline	13.715	65	215187	21.795 ng/ul	98
47) Dimethylphthalate	14.098	163	1013582	18.362 ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	176621	20.220 ng/ul	97
50) Acenaphthylene	14.362	152	1316146	18.641 ng/ul	99
51) 3-Nitroaniline	14.539	138	201081	18.342 ng/ul	95
52) Acenaphthene	14.704	153	905652	18.635 ng/ul	98
53) 2,4-Dinitrophenol	14.739	184	81710	16.455 ng/ul	97
55) 4-Nitrophenol	14.833	109	158933	18.248 ng/ul	99
56) Dibenzofuran	15.039	168	1265716	18.759 ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	266462	19.734 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	243023	19.115 ng/ul	100
59) Diethylphthalate	15.457	149	1002062	18.345 ng/ul	99
61) Fluorene	15.686	166	1044013	18.455 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	503546	18.437 ng/ul	98
63) 4-Nitroaniline	15.698	138	215749	19.027 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	141030	17.673 ng/ul#	92
67) N-Nitrosodiphenylamine	15.892	169	858562	19.138 ng/ul	98
68) 4-Bromophenyl-phenylether	16.574	248	279701	18.321 ng/ul	99
69) Hexachlorobenzene	16.686	284	341101	18.447 ng/ul	99
70) Atrazine	16.839	200	275573	18.158 ng/ul	97
71) Pentachlorophenol	17.027	266	200141	17.801 ng/ul	99
72) Phenanthrene	17.421	178	1607221	18.755 ng/ul	100
74) Anthracene	17.515	178	1658267	19.004 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.439	216	408444	19.540 ng/uL	100
76) Pentachlorobenzene	14.957	250	413660	19.260 ng/uL	99
77) Carbazole	17.780	167	1503388	18.554 ng/ul	100
78) Di-n-butylphthalate	18.350	149	1601900	19.432 ng/ul	100
80) Fluoranthene	19.433	202	1802670	19.420 ng/ul	97
82) Pyrene	19.797	202	1955483	19.211 ng/ul	99
83) Butylbenzylphthalate	20.697	149	679427	25.120 ng/ul	100
84) 3,3'-Dichlorobenzidine	21.474	252	568969	19.787 ng/ul	98
85) Benzo(a)anthracene	21.544	228	1943511	19.168 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1029783	22.903 ng/ul	99
87) Chrysene	21.597	228	1895474	19.117 ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1697004	20.541 ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	2006717	19.670 ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2063036	19.687 ng/ul	99
93) Benzo(a)pyrene	23.903	252	1831182	19.377 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.568	276	2257924	18.075 ng/ul	99
95) Dibenzo(a,h)anthracene	26.585	278	1901697	18.045 ng/ul	100
96) Benzo(g,h,i)perylene	27.356	276	1809933	17.695 ng/ul	99

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

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