Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038898.D
Acq On : 07 Mar 2023 16:02
Operator : CG/JU
Sample : PB151234BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 07 22:32:36 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
ClientSampleId :
SLCS234

Manual IntegrationsAPPROVED

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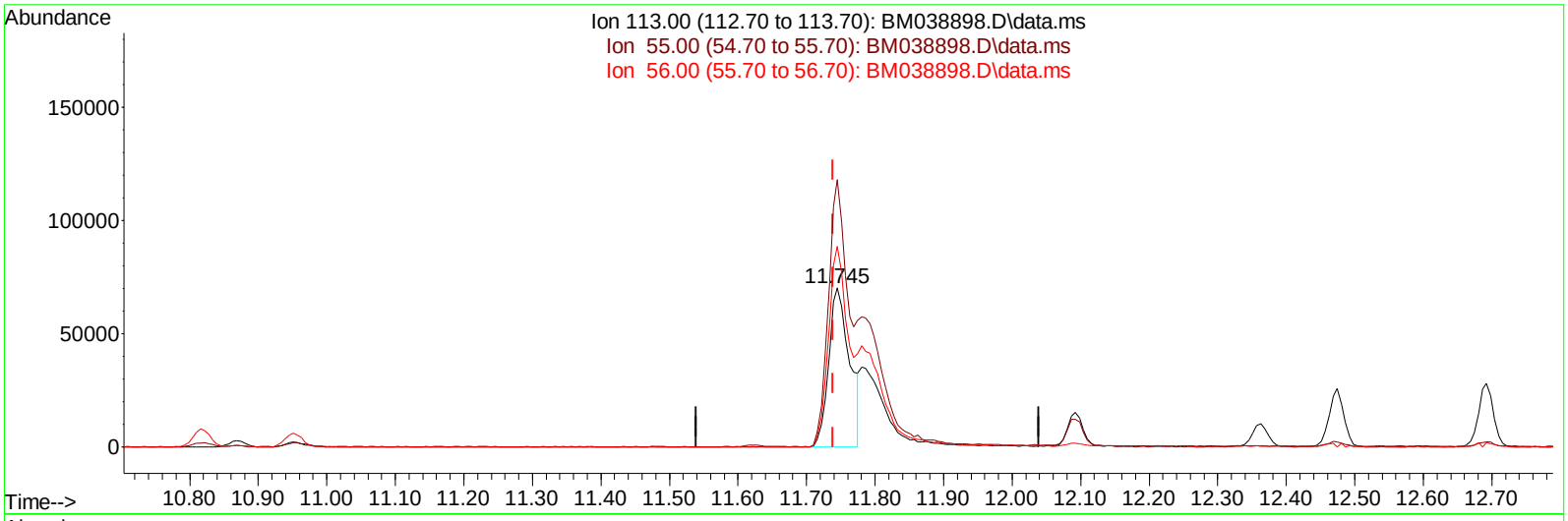
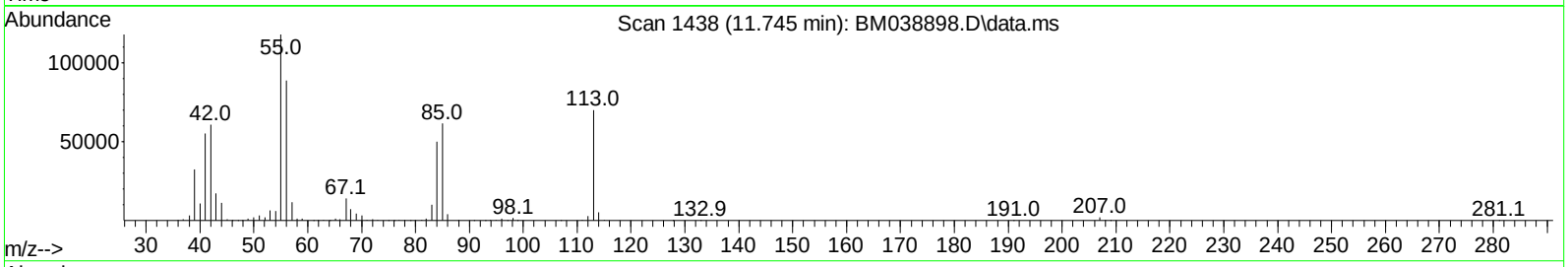
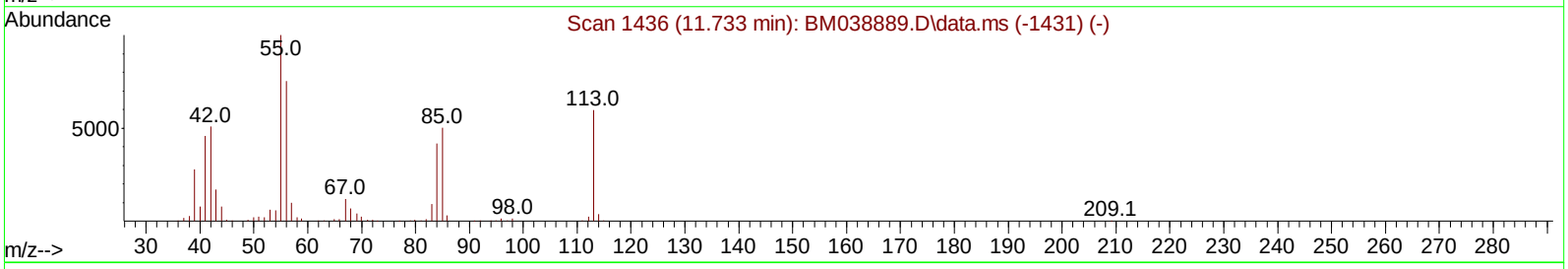
Supervised By :Jagrut Upadhyay 03/08/2023







TIC: BM038898.D\data.ms

(34) Caprolactam

11.745min (+ 0.006) 24.06 ng/ul

response 148863

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	168.15
56.00	124.90	126.33
0.00	0.00	0.00

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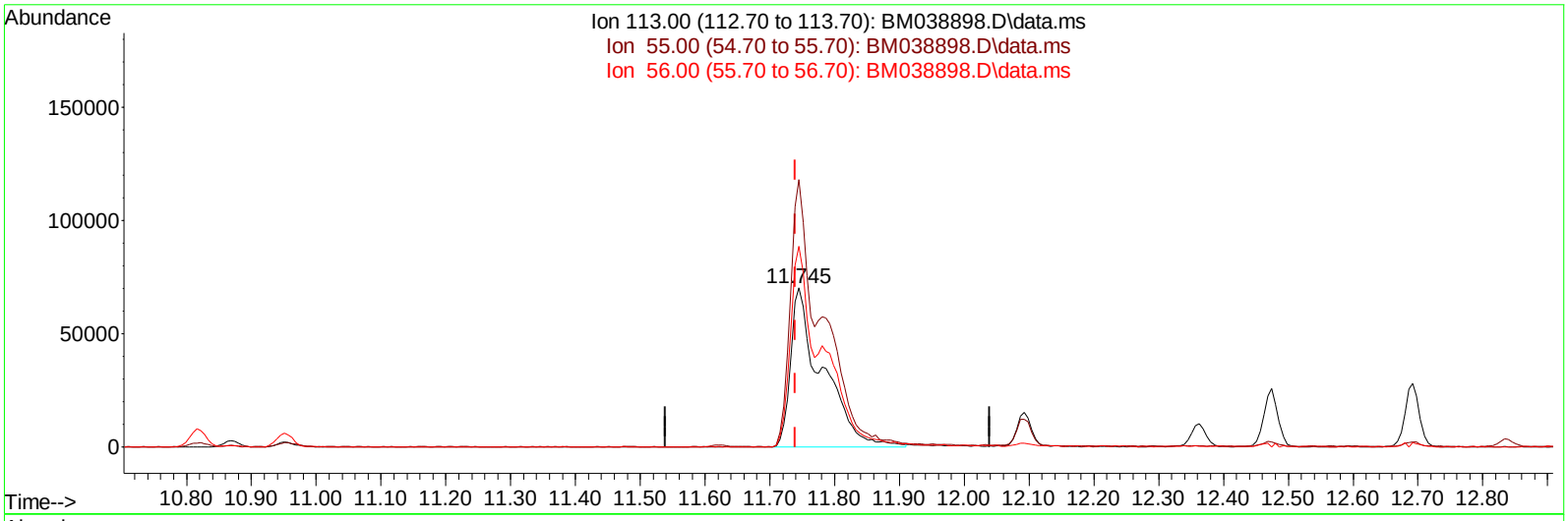

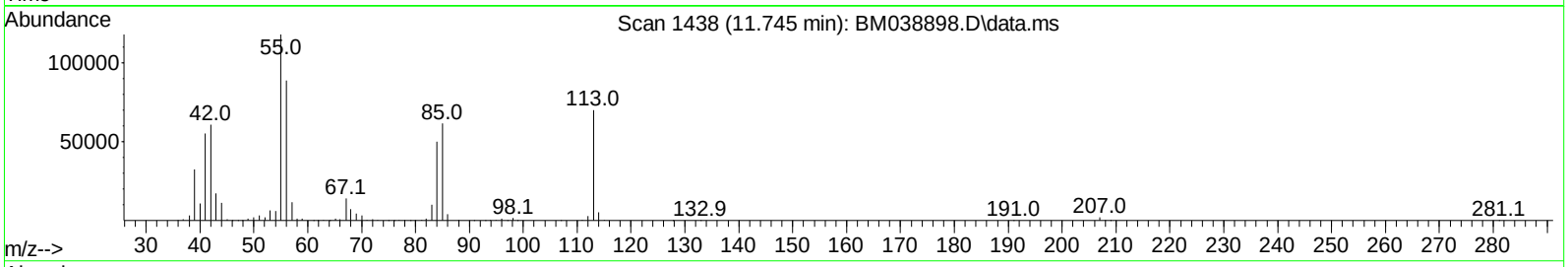

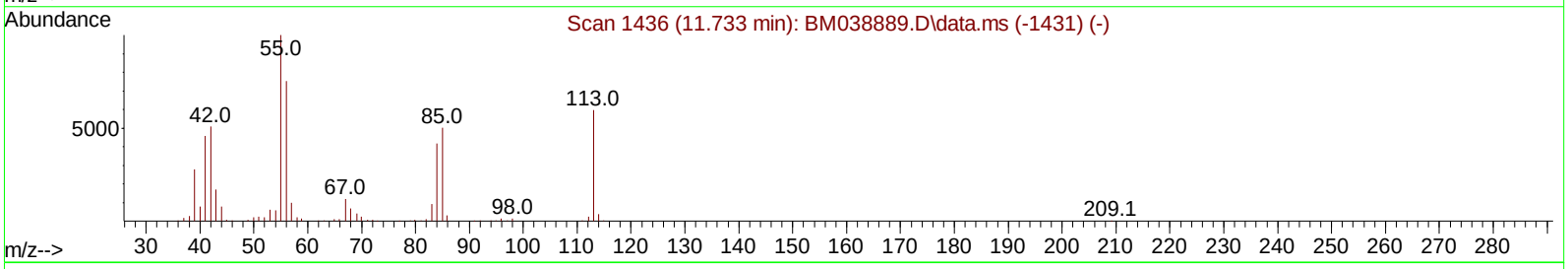

TIC: BM038898.D\data.ms

(34) Caprolactam

11.745min (+ 0.006) 38.30 ng/ul m

response 236941

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	168.15
56.00	124.90	126.33
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	256265	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1164289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	728781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1530003	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1492289	20.000	ng/ul	0.00
88) Perylene-d12	24.015	264	1605263	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47098	6.863	ng/uL	0.00
4) Pyridine-d5	3.799	84	667009	35.349	ng/ul	0.00
7) Phenol-d5	7.151	99	919530	38.273	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	551158	35.904	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	710234	39.672	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	704573	37.225	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	354480	43.369	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	364878	47.641	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	699758	39.319	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	971048	32.734	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2104749	37.288	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2468737	37.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	444424	39.331	ng/ul	0.00
60) Fluorene-d10	15.627	176	1831926	36.799	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	345492	43.435	ng/ul	0.00
73) Anthracene-d10	17.480	188	2839416	37.636	ng/ul	0.00
81) Pyrene-d10	19.768	212	3338952	40.681	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.856	264	3350889	41.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	97011	13.153	ng/uL	96
5) Pyridine	3.816	79	699132	34.418	ng/ul	99
6) Benzaldehyde	7.134	77	515696	44.320	ng/ul	98
8) Phenol	7.181	94	960369	37.347	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	745689	36.424	ng/ul	99
12) 2-Chlorophenol	7.563	128	729067	39.540	ng/ul	98
13) 2-Methylphenol	8.445	108	709743	36.923	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	922598	35.898	ng/ul	100
16) Acetophenone	8.828	105	1179731	35.863	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	583048	38.590	ng/ul	98
18) 4-Methylphenol	8.775	108	790740	37.049	ng/ul	100
19) Hexachloroethane	9.092	117	291917	39.516	ng/ul	97
22) Nitrobenzene	9.210	77	880083	39.357	ng/ul	99
23) Isophorone	9.739	82	1664895	36.604	ng/ul	99
25) 2-Nitrophenol	9.928	139	404692	44.558	ng/ul	97
26) 2,4-Dimethylphenol	9.986	107	778882	34.906	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1033062	37.012	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	702100	38.916	ng/ul	98
30) Naphthalene	10.869	128	2430005	36.576	ng/ul	100
32) 4-Chloroaniline	10.975	127	989368	32.940	ng/ul	98
33) Hexachlorobutadiene	11.157	225	409534	36.483	ng/ul	99
34) Caprolactam	11.745	113	236941m	38.300	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	783422	38.410	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.475	142	1588930	36.641	ng/ul	99
37)	1-Methylnaphthalene	12.692	142	1644176	37.630	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.839	216	812455	37.269	ng/ul	99
40)	Hexachlorocyclopentadiene	12.822	237	432515	36.774	ng/ul	98
41)	2,4,6-Trichlorophenol	13.075	196	552439	40.177	ng/ul	99
42)	2,4,5-Trichlorophenol	13.145	196	613817	40.561	ng/ul	100
43)	1,1'-Biphenyl	13.480	154	2152768	37.451	ng/ul	98
44)	2-Chloronaphthalene	13.522	162	1703087	37.563	ng/ul	99
45)	2-Nitroaniline	13.722	65	498078	48.681	ng/ul	95
47)	Dimethylphthalate	14.098	163	2133953	37.305	ng/ul	99
48)	2,6-Dinitrotoluene	14.216	165	417268	46.098	ng/ul	94
50)	Acenaphthylene	14.363	152	2702754	36.939	ng/ul	99
51)	3-Nitroaniline	14.539	138	461109	40.587	ng/ul	97
52)	Acenaphthene	14.704	153	1838611	36.506	ng/ul	98
53)	2,4-Dinitrophenol	14.739	184	219439	42.643	ng/ul	96
55)	4-Nitrophenol	14.839	109	350960	38.885	ng/ul	99
56)	Dibenzofuran	15.039	168	2565034	36.685	ng/ul	97
57)	2,4-Dinitrotoluene	14.998	165	616616	44.066	ng/ul	94
58)	2,3,4,6-Tetrachlorophenol	15.257	232	515892	39.155	ng/ul	99
59)	Diethylphthalate	15.463	149	2142377	37.848	ng/ul	99
61)	Fluorene	15.686	166	2149375	36.663	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.680	204	1037923	36.672	ng/ul	99
63)	4-Nitroaniline	15.704	138	510203	43.419	ng/ul	96
66)	4,6-Dinitro-2-methylph...	15.757	198	349791	42.492	ng/ul	100
67)	N-Nitrosodiphenylamine	15.892	169	1779118	38.446	ng/ul	98
68)	4-Bromophenyl-phenylether	16.574	248	593691	37.700	ng/ul	98
69)	Hexachlorobenzene	16.686	284	705248	36.974	ng/ul	99
70)	Atrazine	16.845	200	586823	37.485	ng/ul	99
71)	Pentachlorophenol	17.027	266	446486	38.498	ng/ul	98
72)	Phenanthrene	17.427	178	3337275	37.752	ng/ul	100
74)	Anthracene	17.515	178	3375216	37.498	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.439	216	803963	37.285	ng/uL	99
76)	Pentachlorobenzene	14.957	250	806780	36.415	ng/uL	99
77)	Carbazole	17.786	167	3161274	37.822	ng/ul	100
78)	Di-n-butylphthalate	18.351	149	3648056	42.900	ng/ul	99
80)	Fluoranthene	19.433	202	3847067	40.754	ng/ul	98
82)	Pyrene	19.798	202	4133832	39.936	ng/ul	99
83)	Butylbenzylphthalate	20.698	149	1597592	58.084	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.480	252	1184298	40.501	ng/ul	100
85)	Benzo(a)anthracene	21.545	228	4093216	39.698	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.474	149	2399285	52.473	ng/ul	99
87)	Chrysene	21.597	228	3921619	38.893	ng/ul	99
89)	Di-n-octyl phthalate	22.427	149	4043199	50.092	ng/ul	100
90)	Benzo(b)fluoranthene	23.268	252	4314634	43.288	ng/ul	99
91)	Benzo(k)fluoranthene	23.315	252	4192642	40.950	ng/ul	99
93)	Benzo(a)pyrene	23.909	252	3820598	41.380	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.574	276	4783244	39.191	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.591	278	4044917	39.284	ng/ul	99
96)	Benzo(g,h,i)perylene	27.362	276	3837299	38.398	ng/ul	99

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

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