Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038179.D
Acq On : 21 Dec 2022 19:27
Operator : CG/JU
Sample : PB149779BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 21 23:33:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS779

Manual IntegrationsAPPROVED

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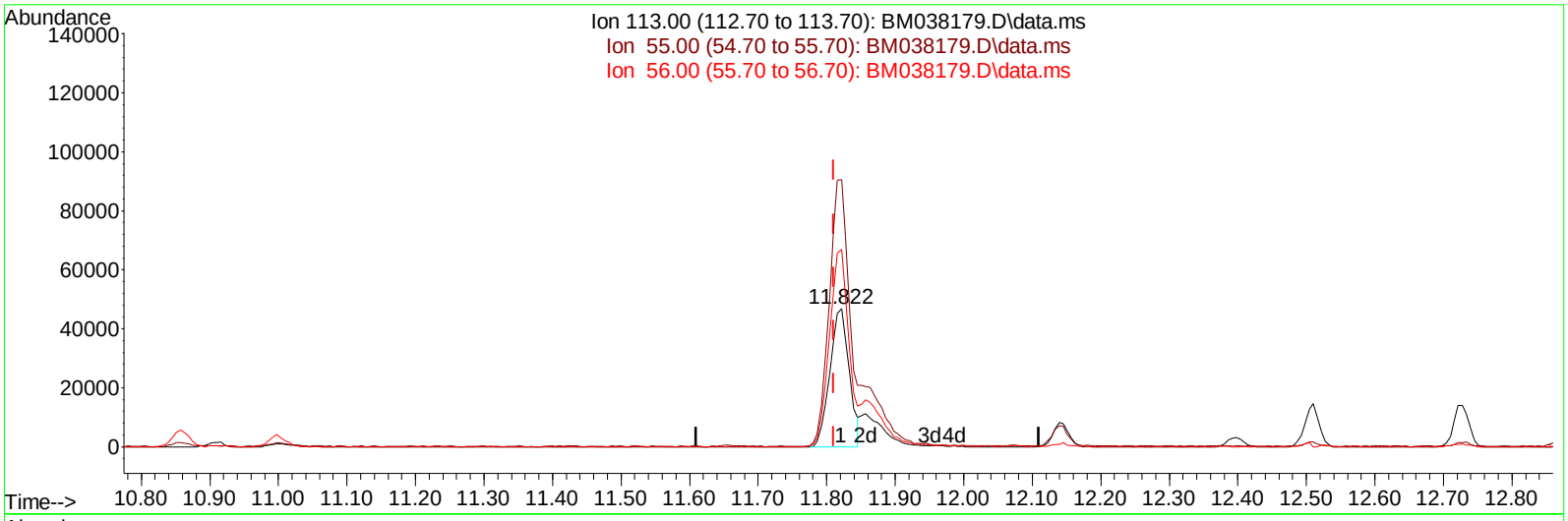
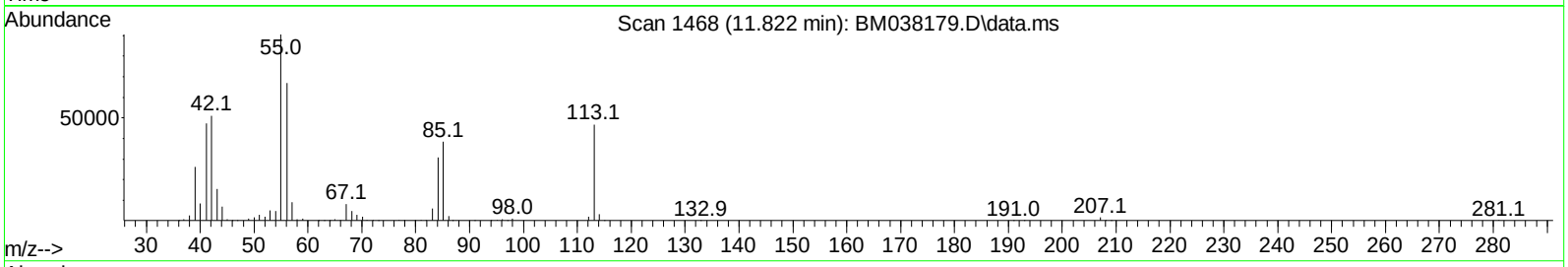
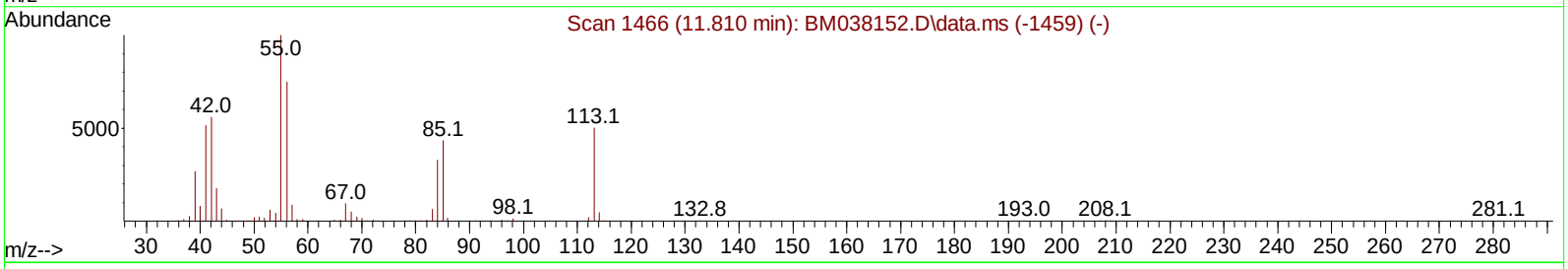
Supervised By :mohammad ahmed 12/22/2022







TIC: BM038179.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 31.94 ng/ul

response 91511

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	193.25
56.00	150.90	142.82
0.00	0.00	0.00

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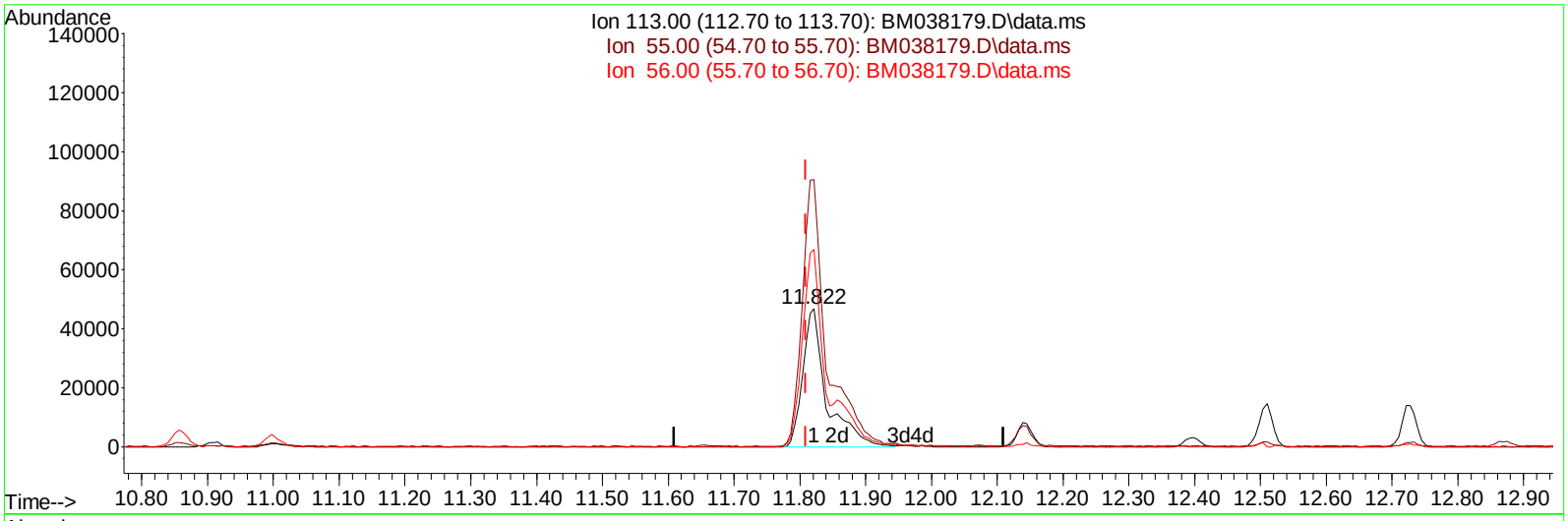

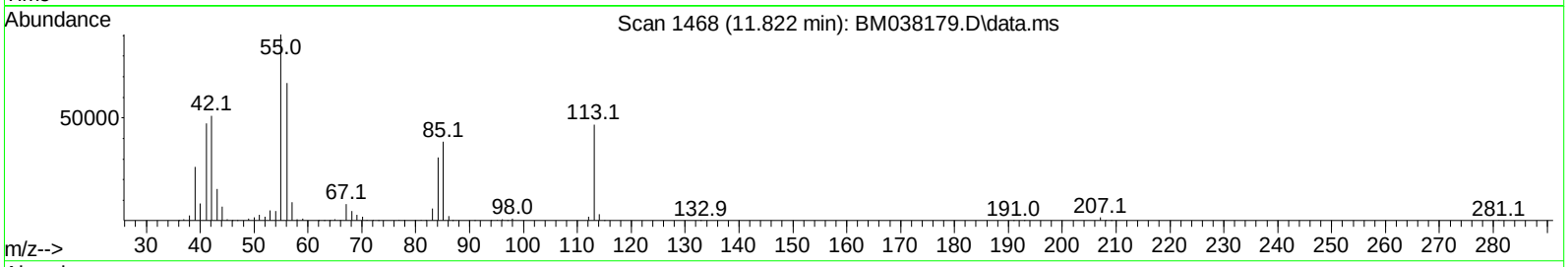

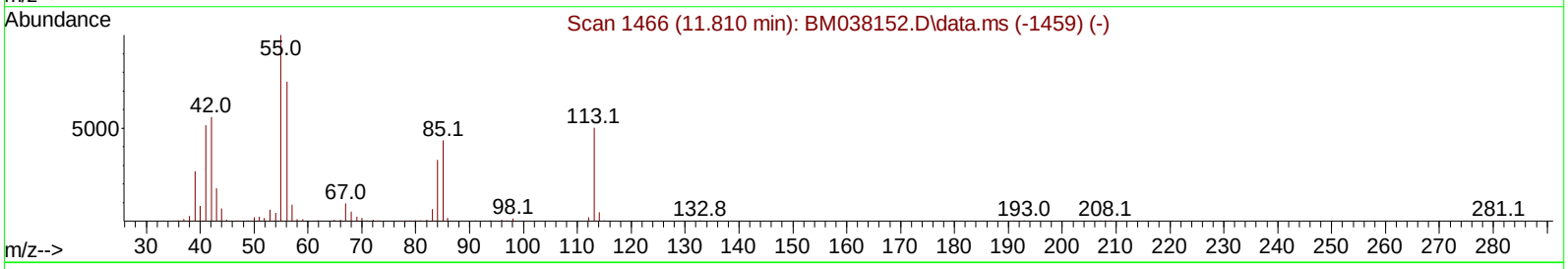

TIC: BM038179.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 41.07 ng/ul m

response 117684

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	215.20	193.25
56.00	150.90	142.82
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	8.040	152	171135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	722402	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	436646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	887759	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.574	240	602260	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	586509	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20641	5.476	ng/uL	0.00
4) Pyridine-d5	3.828	84	317857	28.429	ng/ul	0.00
7) Phenol-d5	7.204	99	437775	31.480	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	248456	29.341	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	389975	34.184	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	366610	33.772	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	196574	34.368	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	228625	38.142	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	424617	37.296	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	542186	34.500	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	1178448	37.856	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1338287	35.175	ng/ul	0.00
54) 4-Nitrophenol-d4	14.874	143	205806	38.792	ng/ul	0.00
60) Fluorene-d10	15.657	176	995364	35.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	142592	30.043	ng/ul	0.00
73) Anthracene-d10	17.509	188	1484454	35.828	ng/ul	0.00
81) Pyrene-d10	19.792	212	1486510	41.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	1086908	37.102	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	41589	10.519	ng/uL	92
5) Pyridine	3.846	79	309016	27.502	ng/ul	96
6) Benzaldehyde	7.181	77	253626	48.762	ng/ul	99
8) Phenol	7.234	94	438521	31.441	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.463	93	349230	30.493	ng/ul	98
12) 2-Chlorophenol	7.604	128	398902	34.190	ng/ul	99
13) 2-Methylphenol	8.492	108	356070	33.361	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.575	45	611709	29.579	ng/ul	99
16) Acetophenone	8.875	105	581085	34.036	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	271181	33.718	ng/ul	97
18) 4-Methylphenol	8.822	108	391031	33.867	ng/ul	99
19) Hexachloroethane	9.122	117	155978	33.441	ng/ul	98
22) Nitrobenzene	9.257	77	414042	33.643	ng/ul	97
23) Isophorone	9.786	82	796802	35.332	ng/ul	98
25) 2-Nitrophenol	9.969	139	233779	37.202	ng/ul	93
26) 2,4-Dimethylphenol	10.028	107	422609	34.776	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	493133	32.895	ng/ul	97
29) 2,4-Dichlorophenol	10.504	162	421042	37.694	ng/ul	99
30) Naphthalene	10.910	128	1322227	33.917	ng/ul	100
32) 4-Chloroaniline	11.022	127	532900	34.004	ng/ul	99
33) Hexachlorobutadiene	11.181	225	281804	38.350	ng/ul	99
34) Caprolactam	11.822	113	117684m	41.072	ng/ul	
35) 4-Chloro-3-methylphenol	12.139	107	402704	39.607	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.510	142	894860	35.390	ng/ul	97
37) 1-Methylnaphthalene	12.727	142	893128	34.544	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	508730	35.658	ng/ul	98
40) Hexachlorocyclopentadiene	12.845	237	86996	10.659	ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	339982	39.122	ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	369649	40.785	ng/ul	99
43) 1,1'-Biphenyl	13.510	154	1206536	34.376	ng/ul	98
44) 2-Chloronaphthalene	13.557	162	950946	35.122	ng/ul	97
45) 2-Nitroaniline	13.763	65	252934	38.770	ng/ul	94
47) Dimethylphthalate	14.127	163	1196452	38.955	ng/ul	100
48) 2,6-Dinitrotoluene	14.251	165	240942	40.387	ng/ul	96
50) Acenaphthylene	14.398	152	1482600	35.439	ng/ul	99
51) 3-Nitroaniline	14.586	138	260151	43.707	ng/ul	95
52) Acenaphthene	14.733	153	1027067	35.494	ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	89183	30.465	ng/ul	92
55) 4-Nitrophenol	14.892	109	164811	47.106	ng/ul	85
56) Dibenzofuran	15.068	168	1414503	35.805	ng/ul	94
57) 2,4-Dinitrotoluene	15.039	165	343564	42.524	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.292	232	312570	40.999	ng/ul	93
59) Diethylphthalate	15.480	149	1232985	40.298	ng/ul	98
61) Fluorene	15.716	166	1208829	37.520	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	609465	38.708	ng/ul	97
63) 4-Nitroaniline	15.745	138	265434	49.182	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.798	198	139692	30.401	ng/ul#	96
67) N-Nitrosodiphenylamine	15.921	169	985453	36.799	ng/ul	99
68) 4-Bromophenyl-phenylether	16.598	248	362512	37.251	ng/ul	97
69) Hexachlorobenzene	16.715	284	445320	38.336	ng/ul	97
70) Atrazine	16.868	200	325887	35.611	ng/ul	96
71) Pentachlorophenol	17.057	266	249111	38.571	ng/ul	99
72) Phenanthrene	17.451	178	1760535	36.314	ng/ul	100
74) Anthracene	17.545	178	1806827	36.673	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.474	216	511972	35.672	ng/uL	99
76) Pentachlorobenzene	14.986	250	499072	35.104	ng/uL	98
77) Carbazole	17.815	167	1556455	36.464	ng/ul	99
78) Di-n-butylphthalate	18.362	149	2165117	42.673	ng/ul	99
80) Fluoranthene	19.456	202	1820941	42.648	ng/ul#	94
82) Pyrene	19.821	202	1852799	41.696	ng/ul#	94
83) Butylbenzylphthalate	20.698	149	828158	50.120	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.492	252	488488	40.989	ng/ul	97
85) Benzo(a)anthracene	21.562	228	1538327	37.940	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1208528	50.276	ng/ul	98
87) Chrysene	21.615	228	1423700	37.424	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	1818134	48.379	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1414759	38.909	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1406656	39.917	ng/ul	98
93) Benzo(a)pyrene	23.921	252	1235932	38.653	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.591	276	1585045	38.490	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	1372953	39.548	ng/ul	98
96) Benzo(g,h,i)perylene	27.385	276	1301202	39.576	ng/ul	97

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

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