Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110322\
Data File : BM037362.D
Acq On : 04 Nov 2022 00:59
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 04 02:39:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 04 02:39:09 2022
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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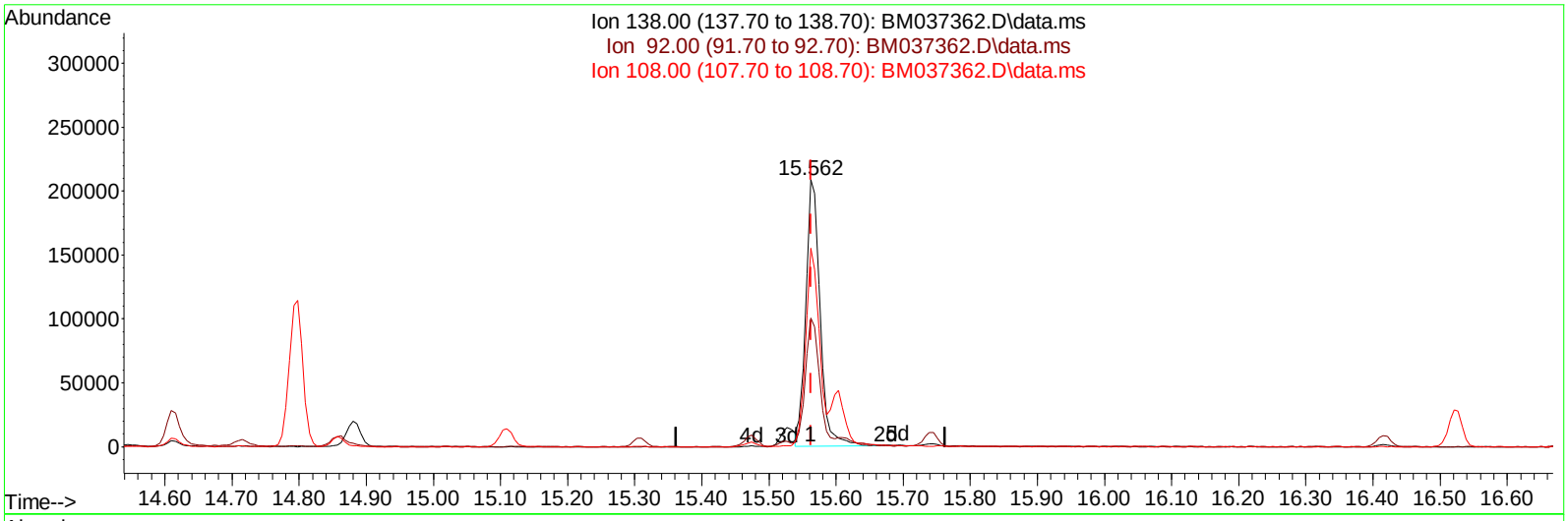
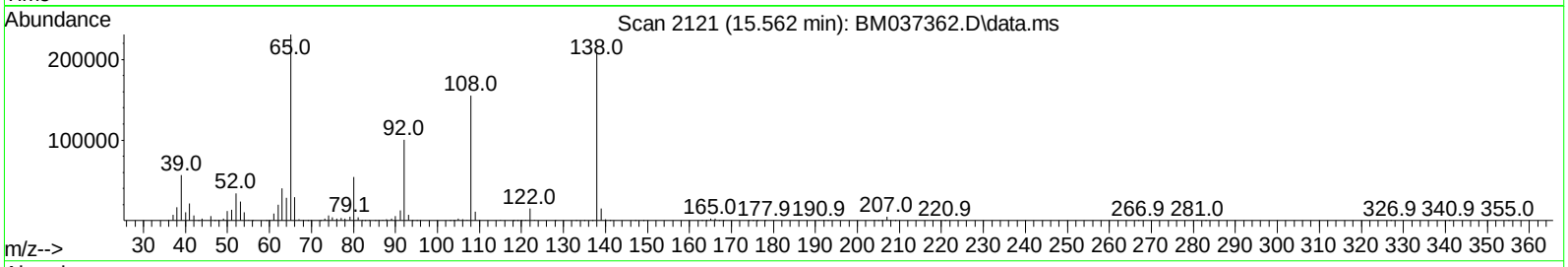
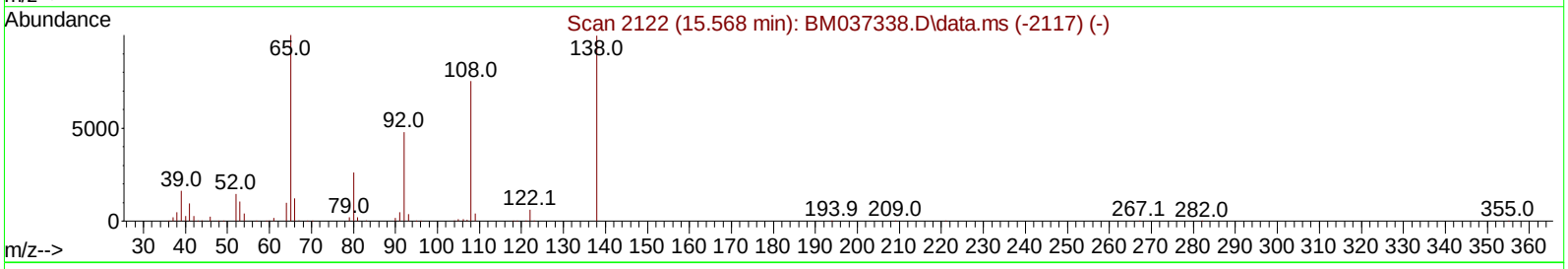
Supervised By :Jagrut Upadhyay 11/07/2022







TIC: BM037362.D\data.ms

(63) 4-Nitroaniline

15.562min (0.000) 20.76 ng/ul

response 312464

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.17
108.00	71.20	74.38
0.00	0.00	0.00

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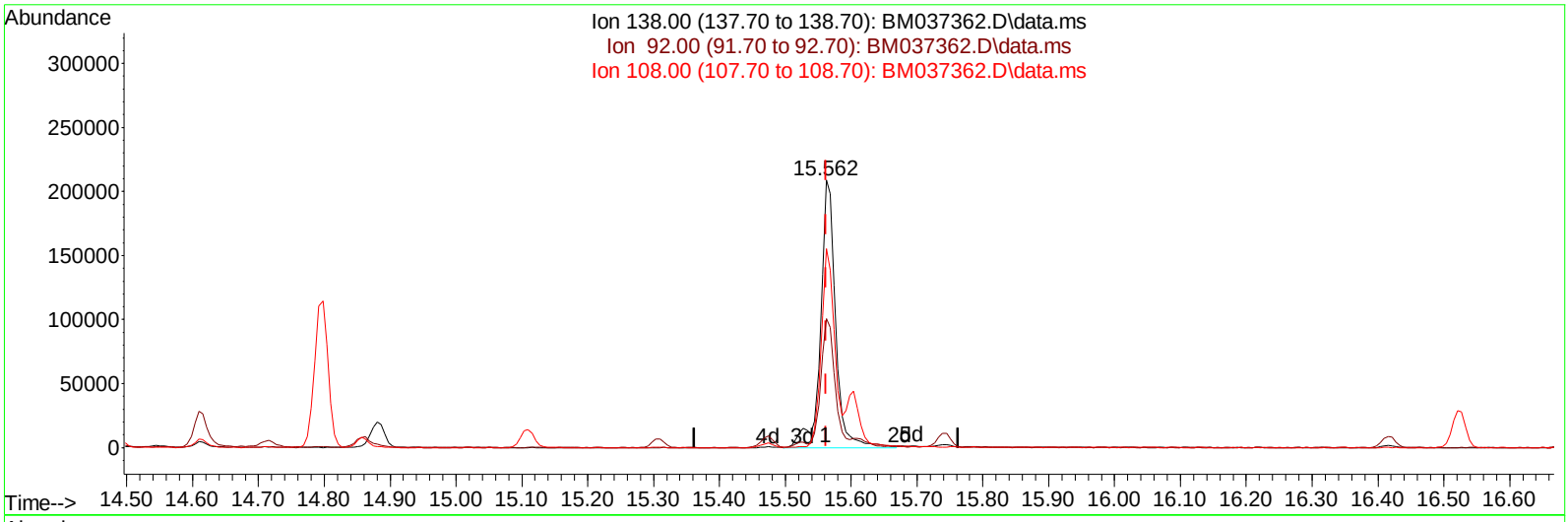

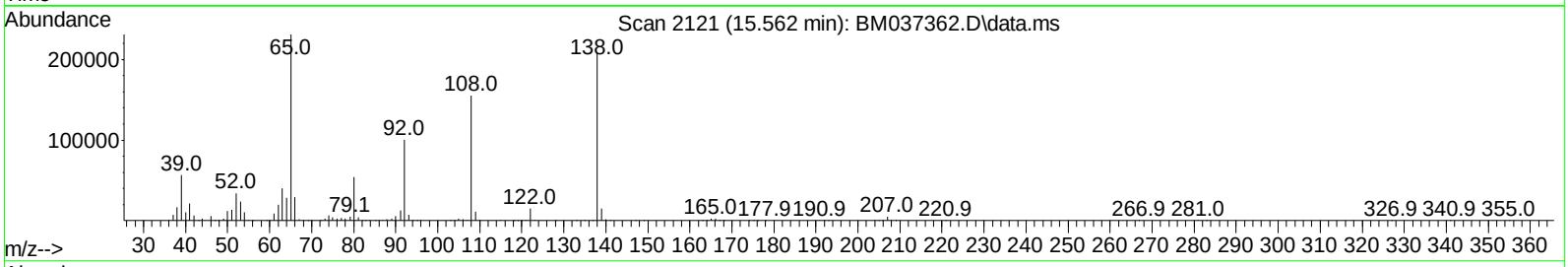

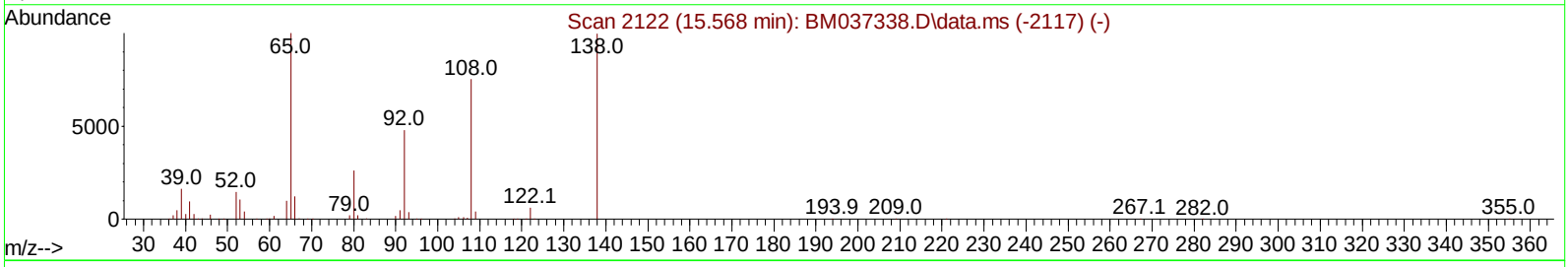

TIC: BM037362.D\data.ms

(63) 4-Nitroaniline

15.562min (0.000) 22.40 ng/ul m

response 337103

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.17
108.00	71.20	74.38
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	7.845	152	364734	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1645332	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	1040262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2065864	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1888741	20.000	ng/ul	0.00
88) Perylene-d12	23.738	264	1502011	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	68053	8.225	ng/uL	0.00
4) Pyridine-d5	3.693	84	513023	20.771	ng/ul	0.00
7) Phenol-d5	7.022	99	617654	19.459	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.186	67	387114	19.874	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	507539	20.927	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	507358	19.574	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	262786	21.381	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	280296	20.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	529422	21.449	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	754869	20.013	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1471831	20.463	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	1833339	21.202	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	271484	18.883	ng/ul	0.00
60) Fluorene-d10	15.474	176	1335525	20.822	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	237471	18.149	ng/ul	0.00
73) Anthracene-d10	17.321	188	2016780	21.197	ng/ul	0.00
81) Pyrene-d10	19.609	212	2160927	21.894	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.585	264	1645696	21.285	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.304	88	71895	8.271	ng/uL	99
5) Pyridine	3.710	79	501843	20.286	ng/ul	98
6) Benzaldehyde	6.992	77	375996	25.605	ng/ul	97
8) Phenol	7.045	94	655079	19.615	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	533102	19.897	ng/ul	99
12) 2-Chlorophenol	7.410	128	550935	20.994	ng/ul	100
13) 2-Methylphenol	8.298	108	501363	19.677	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.386	45	770728	20.254	ng/ul	99
16) Acetophenone	8.681	105	839515	20.196	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.663	70	426581	20.660	ng/ul	99
18) 4-Methylphenol	8.628	108	556596	19.831	ng/ul	99
19) Hexachloroethane	8.922	117	228464	21.936	ng/ul	96
22) Nitrobenzene	9.057	77	640989	21.608	ng/ul	100
23) Isophorone	9.586	82	1167441	20.405	ng/ul	99
25) 2-Nitrophenol	9.769	139	327891	21.429	ng/ul	99
26) 2,4-Dimethylphenol	9.833	107	613031	21.307	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	739887	20.800	ng/ul	99
29) 2,4-Dichlorophenol	10.298	162	545396	21.472	ng/ul	99
30) Naphthalene	10.698	128	1866061	21.257	ng/ul	100
32) 4-Chloroaniline	10.822	127	783899	20.056	ng/ul	100
33) Hexachlorobutadiene	10.974	225	335054	21.419	ng/ul	98
34) Caprolactam	11.610	113	156126	18.679	ng/ul	94
35) 4-Chloro-3-methylphenol	11.945	107	543542	20.630	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.310	142	1271463	20.973	ng/ul	100
37) 1-Methylnaphthalene	12.527	142	1286223	21.085	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	666875	21.360	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	328930	18.845	ng/ul	98
41) 2,4,6-Trichlorophenol	12.921	196	429782	21.324	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	464362	21.397	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	1668192	21.576	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1333095	21.458	ng/ul	99
45) 2-Nitroaniline	13.580	65	359555	21.948	ng/ul	98
47) Dimethylphthalate	13.951	163	1575854	20.569	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	319390	21.291	ng/ul	98
50) Acenaphthylene	14.204	152	2019026	21.362	ng/ul	100
51) 3-Nitroaniline	14.404	138	340637	21.042	ng/ul	99
52) Acenaphthene	14.545	153	1425009	21.189	ng/ul	100
53) 2,4-Dinitrophenol	14.615	184	162662	16.147	ng/ul	99
55) 4-Nitrophenol	14.715	109	208657	19.737	ng/ul	98
56) Dibenzofuran	14.880	168	1907468	21.006	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	458699	20.869	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	389858	20.635	ng/ul	98
59) Diethylphthalate	15.309	149	1549340	20.304	ng/ul	99
61) Fluorene	15.527	166	1628425	21.200	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	792837	21.003	ng/ul	98
63) 4-Nitroaniline	15.562	138	337103m	22.398	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.615	198	257323	18.512	ng/ul	93
67) N-Nitrosodiphenylamine	15.739	169	1335191	21.803	ng/ul	100
68) 4-Bromophenyl-phenylether	16.415	248	470473	21.407	ng/ul	98
69) Hexachlorobenzene	16.527	284	569291	21.225	ng/ul	96
70) Atrazine	16.698	200	437728	20.191	ng/ul	98
71) Pentachlorophenol	16.874	266	308572	18.800	ng/ul	97
72) Phenanthrene	17.268	178	2470772	21.390	ng/ul	100
74) Anthracene	17.356	178	2508075	21.580	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.280	216	662747	22.138	ng/uL	99
76) Pentachlorobenzene	14.798	250	713890	21.916	ng/uL	100
77) Carbazole	17.633	167	2189886	20.886	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2566334	21.245	ng/ul	100
80) Fluoranthene	19.274	202	2707047	22.289	ng/ul	99
82) Pyrene	19.639	202	2875418	22.473	ng/ul	98
83) Butylbenzylphthalate	20.539	149	1083740	21.808	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.321	252	871178	19.902	ng/ul	100
85) Benzo(a)anthracene	21.380	228	2606361	21.502	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.303	149	1534192	22.141	ng/ul	99
87) Chrysene	21.433	228	2431555	21.319	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	2316036	21.194	ng/ul	100
90) Benzo(b)fluoranthene	23.027	252	2188693	20.946	ng/ul	100
91) Benzo(k)fluoranthene	23.074	252	2223792	21.737	ng/ul	99
93) Benzo(a)pyrene	23.632	252	1869641	21.395	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.162	276	1997411	21.357	ng/ul	99
95) Dibenzo(a,h)anthracene	26.173	278	1789230	21.274	ng/ul	99
96) Benzo(g,h,i)perylene	26.909	276	1724482	21.520	ng/ul	100

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

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