Quantitation Report (Qedit)

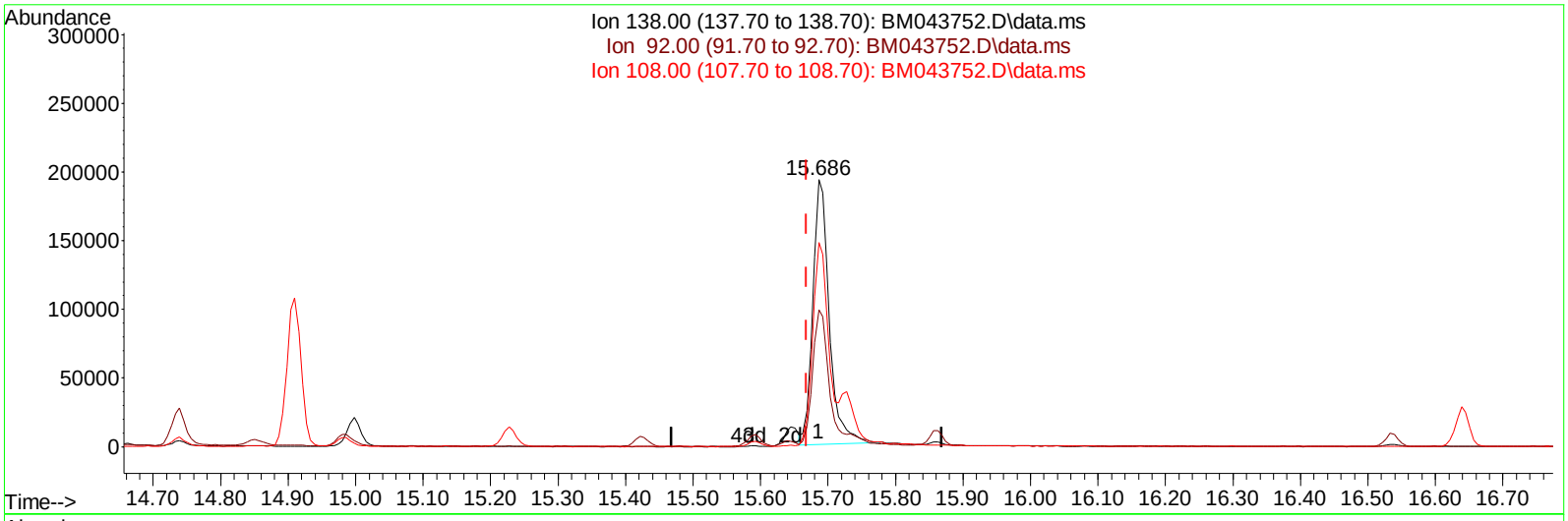
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
Data File : BM043752.D
Acq On : 04 Jan 2024 03:08
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

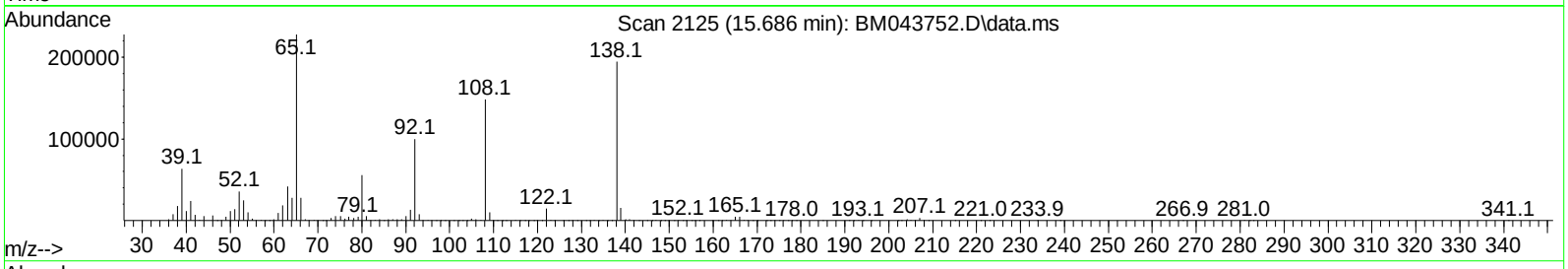
Quant Time: Jan 04 05:01:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

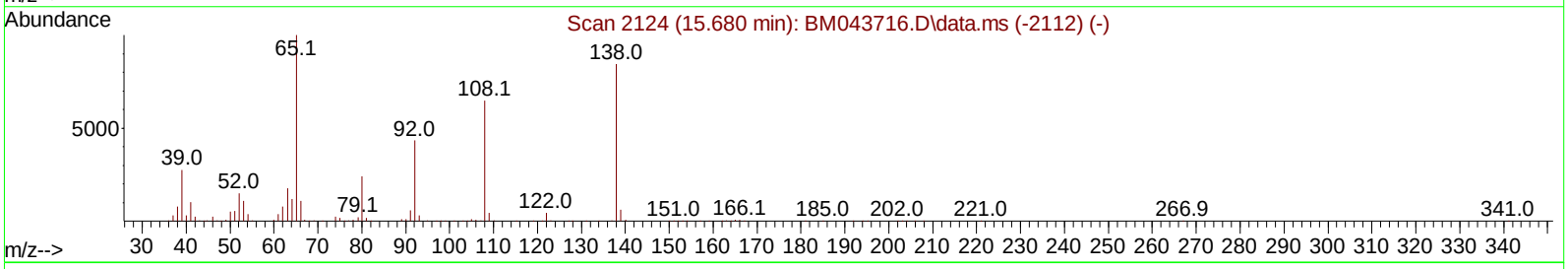
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/04/2024
Supervised By :mohammad ahmed 01/05/2024







TIC: BM043752.D\data.ms

(63) 4-Nitroaniline

15.686min (+ 0.017) 19.73 ng/ul

response 326462

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	51.41
108.00	83.80	76.55
0.00	0.00	0.00

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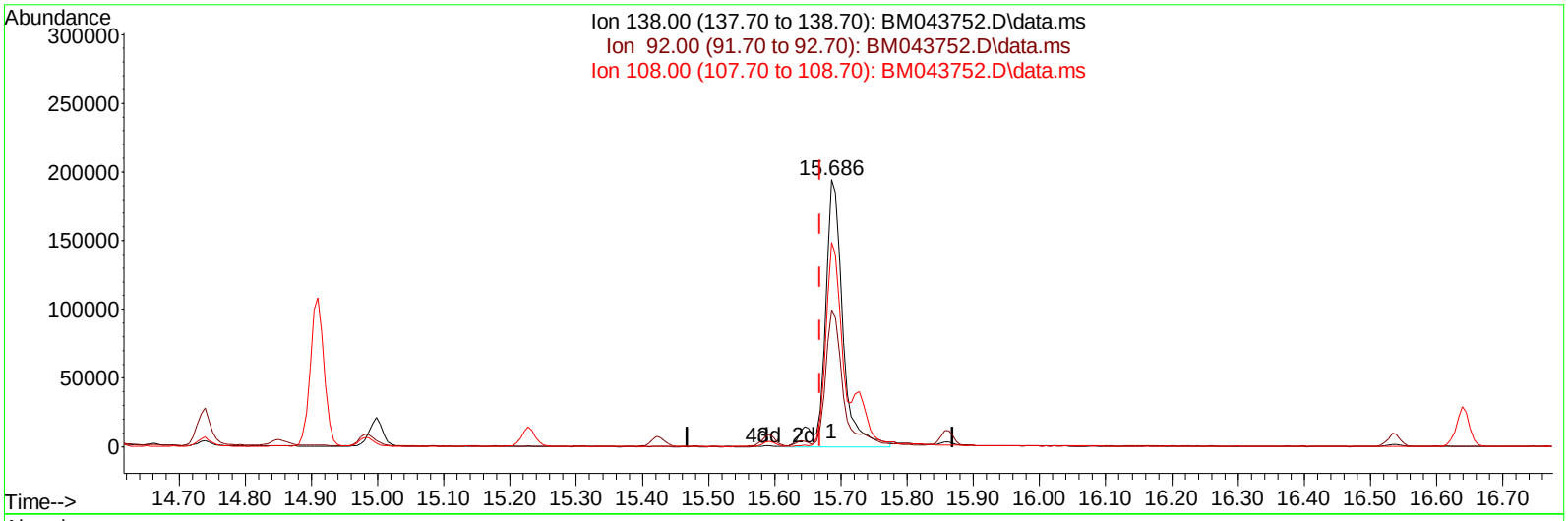

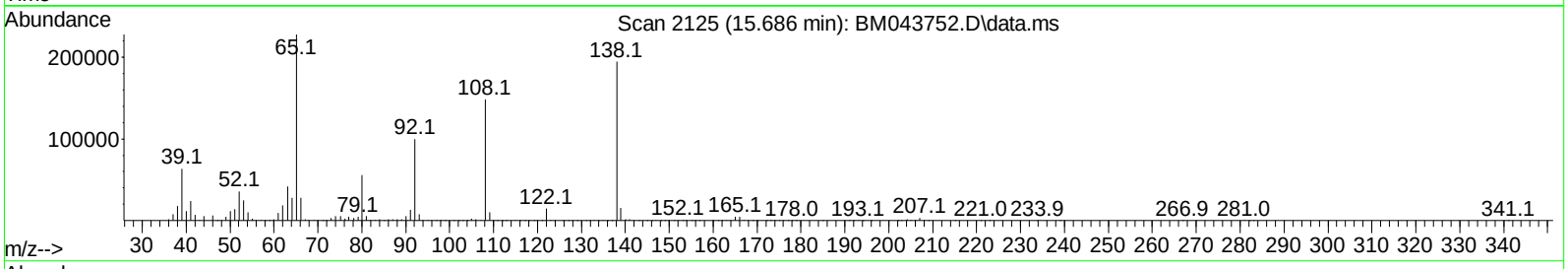

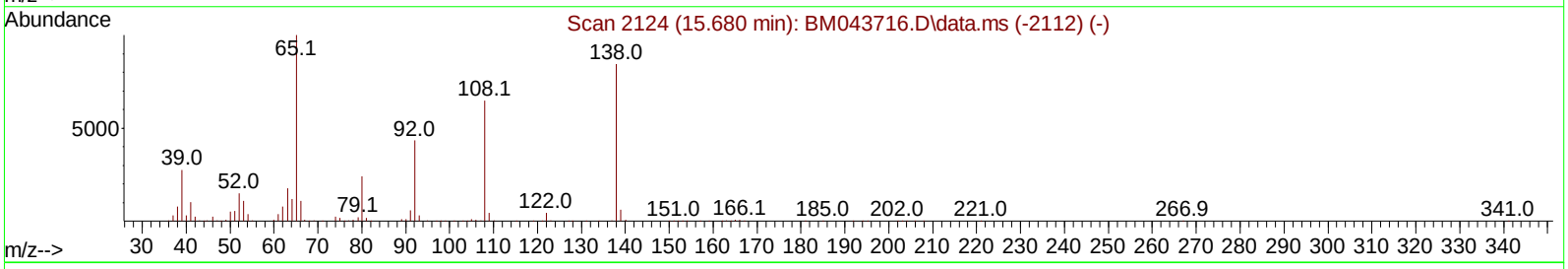

TIC: BM043752.D\data.ms

(63) 4-Nitroaniline

15.686min (+ 0.017) 21.90 ng/ul m

response 362393

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.90	51.41
108.00	83.80	76.55
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	363412	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	1556370	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	916093	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	1867084	20.000	ng/ul	0.01
79) Chrysene-d12	21.527	240	1646552	20.000	ng/ul	0.00
88) Perylene-d12	23.950	264	1808227	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	81416	7.281	ng/uL	0.00
4) Pyridine-d5	3.799	84	567183	17.624	ng/ul	0.01
7) Phenol-d5	7.140	99	755266	18.269	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	440506	16.825	ng/ul	0.00
11) 2-Chlorophenol-d4	7.492	132	598849	18.972	ng/ul	0.00
15) 4-Methylphenol-d8	8.686	113	577538	18.003	ng/ul	0.02
21) Nitrobenzene-d5	9.133	128	283539	18.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	322057	20.700	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	577660	21.032	ng/ul	0.02
31) 4-Chloroaniline-d4	10.922	131	756893	18.732	ng/ul	0.01
46) Dimethylphthalate-d6	14.016	166	1522877	18.466	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1874981	19.166	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	278143	17.820	ng/ul	0.04
60) Fluorene-d10	15.592	176	1329893	19.502	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	184201	14.917	ng/ul	0.02
73) Anthracene-d10	17.445	188	1988723	18.993	ng/ul	0.00
81) Pyrene-d10	19.739	212	2149884	16.538	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.791	264	2094965	18.775	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	86476	7.000	ng/uL	98
5) Pyridine	3.816	79	608131	18.273	ng/ul	95
6) Benzaldehyde	7.110	77	331422	16.908	ng/ul	95
8) Phenol	7.163	94	743207	18.273	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.392	93	564424	17.094	ng/ul	98
12) 2-Chlorophenol	7.522	128	604645	18.804	ng/ul	97
13) 2-Methylphenol	8.416	108	561424	18.179	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.492	45	938005	16.917	ng/ul	99
16) Acetophenone	8.798	105	837159	17.045	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.775	70	454905	15.518	ng/ul	99
18) 4-Methylphenol	8.751	108	603474	18.030	ng/ul	98
19) Hexachloroethane	9.028	117	238541	17.594	ng/ul	87
22) Nitrobenzene	9.181	77	672333	18.041	ng/ul	99
23) Isophorone	9.704	82	1256303	16.619	ng/ul	99
25) 2-Nitrophenol	9.886	139	326862	19.767	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	559049	18.979	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.186	93	751660	16.840	ng/ul	100
29) 2,4-Dichlorophenol	10.422	162	550871	20.667	ng/ul	97
30) Naphthalene	10.816	128	1894968	19.104	ng/ul	99
32) 4-Chloroaniline	10.945	127	726838	18.706	ng/ul	100
33) Hexachlorobutadiene	11.080	225	303761	22.352	ng/ul	98
34) Caprolactam	11.745	113	168750	19.811	ng/ul	95
35) 4-Chloro-3-methylphenol	12.075	107	583128	18.626	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	1257898	18.630	ng/ul	100
37) 1-Methylnaphthalene	12.645	142	1277431	18.757	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	578781	20.736	ng/ul	97
40) Hexachlorocyclopentadiene	12.751	237	386634	22.076	ng/ul	97
41) 2,4,6-Trichlorophenol	13.039	196	404402	20.383	ng/ul	99
42) 2,4,5-Trichlorophenol	13.121	196	440168	20.894	ng/ul	97
43) 1,1'-Biphenyl	13.433	154	1608602	18.421	ng/ul	98
44) 2-Chloronaphthalene	13.480	162	1273128	19.016	ng/ul	97
45) 2-Nitroaniline	13.698	65	396686	17.669	ng/ul	93
47) Dimethylphthalate	14.063	163	1487966	18.270	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	307944	19.558	ng/ul	98
50) Acenaphthylene	14.321	152	2136737	19.020	ng/ul	99
51) 3-Nitroaniline	14.527	138	347219	19.209	ng/ul	96
52) Acenaphthene	14.663	153	1400503	18.915	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	147346	17.579	ng/ul	93
55) 4-Nitrophenol	14.851	109	201275	16.607	ng/ul	95
56) Dibenzofuran	14.998	168	1844686	19.291	ng/ul	96
57) 2,4-Dinitrotoluene	14.986	165	444794	19.995	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.227	232	345905	21.431	ng/ul	90
59) Diethylphthalate	15.421	149	1536716	18.412	ng/ul	99
61) Fluorene	15.645	166	1572725	19.252	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	699537	19.468	ng/ul	94
63) 4-Nitroaniline	15.686	138	362393m	21.904	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.745	198	196278	14.888	ng/ul	91
67) N-Nitrosodiphenylamine	15.862	169	1248326	17.407	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	423829	19.161	ng/ul	94
69) Hexachlorobenzene	16.639	284	508695	20.073	ng/ul	96
70) Atrazine	16.821	200	321892	20.477	ng/ul	98
71) Pentachlorophenol	16.998	266	336814	21.985	ng/ul	99
72) Phenanthrene	17.392	178	2359188	18.643	ng/ul	100
74) Anthracene	17.480	178	2423018	18.973	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	578696	18.873	ng/uL	99
76) Pentachlorobenzene	14.910	250	578115	19.363	ng/uL	99
77) Carbazole	17.762	167	2203281	20.214	ng/ul	99
78) Di-n-butylphthalate	18.321	149	2740785	19.234	ng/ul	99
80) Fluoranthene	19.403	202	2588007	16.077	ng/ul	96
82) Pyrene	19.768	202	2705459	16.348	ng/ul	95
83) Butylbenzylphthalate	20.668	149	1266384	17.699	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.450	252	772928	19.060	ng/ul	96
85) Benzo(a)anthracene	21.515	228	2535922	18.418	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.444	149	1868597	18.344	ng/ul	99
87) Chrysene	21.568	228	2329021	18.803	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	3178297	18.374	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	2555152	18.440	ng/ul	97
91) Benzo(k)fluoranthene	23.262	252	2441440	18.065	ng/ul	98
93) Benzo(a)pyrene	23.844	252	2352824	18.610	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.485	276	2961055	19.615	ng/ul	98
95) Dibenzo(a,h)anthracene	26.503	278	2464805	19.719	ng/ul	97
96) Benzo(g,h,i)perylene	27.256	276	2306976	19.496	ng/ul	96

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

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