Quantitation Report (Qedit)

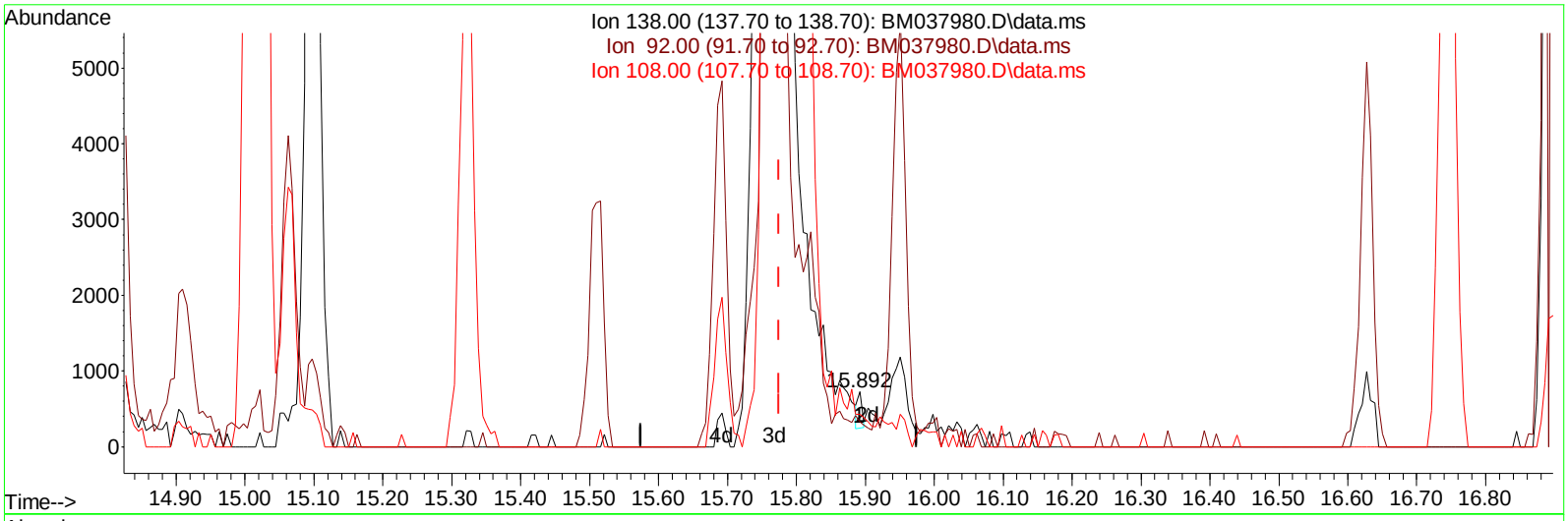
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121222\
Data File : BM037980.D
Acq On : 12 Dec 2022 23:45
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 21 Sample Multiplier: 1

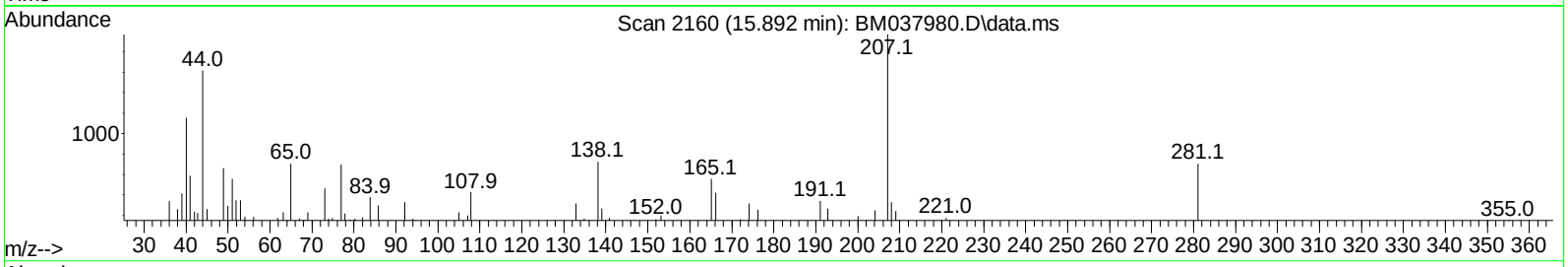
Quant Time: Dec 13 01:00:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

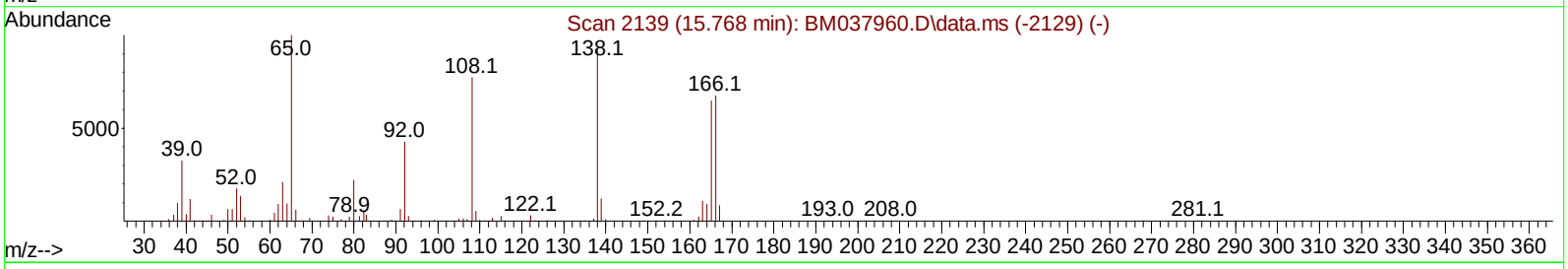
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/13/2022
Supervised By :mohammad ahmed 12/14/2022







TIC: BM037980.D\data.ms

(63) 4-Nitroaniline

15.892min (+ 0.118) 0.03 ng/ul

response 199

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.10	45.45
108.00	64.50	58.54
0.00	0.00	0.00

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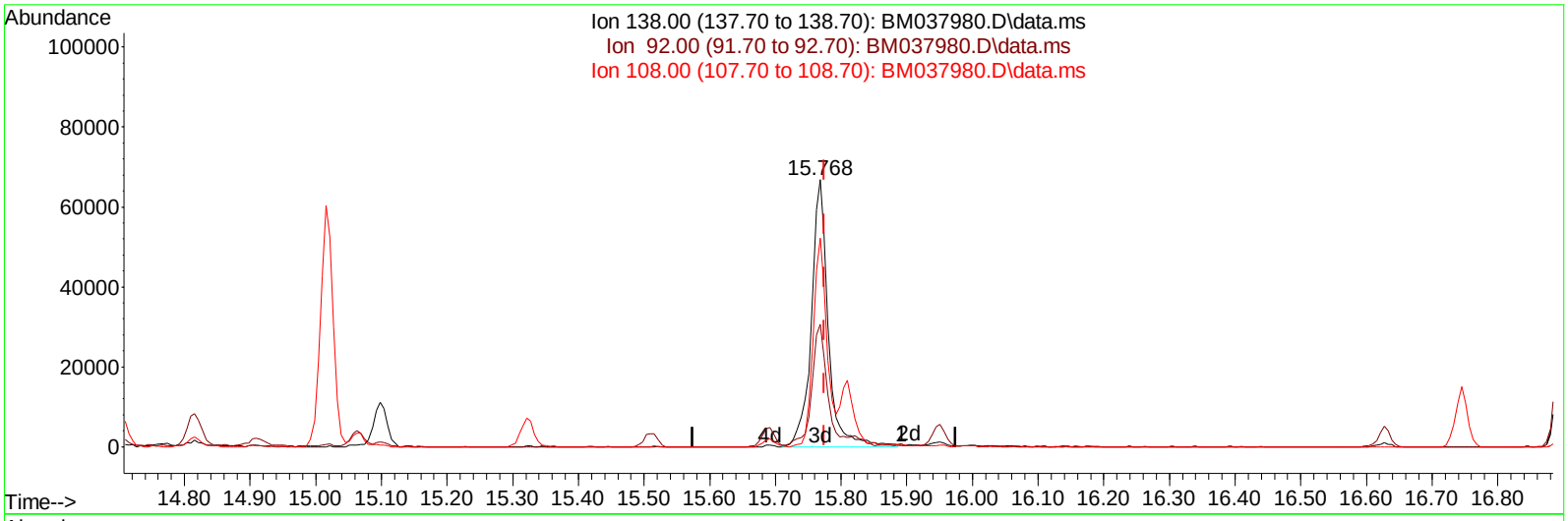

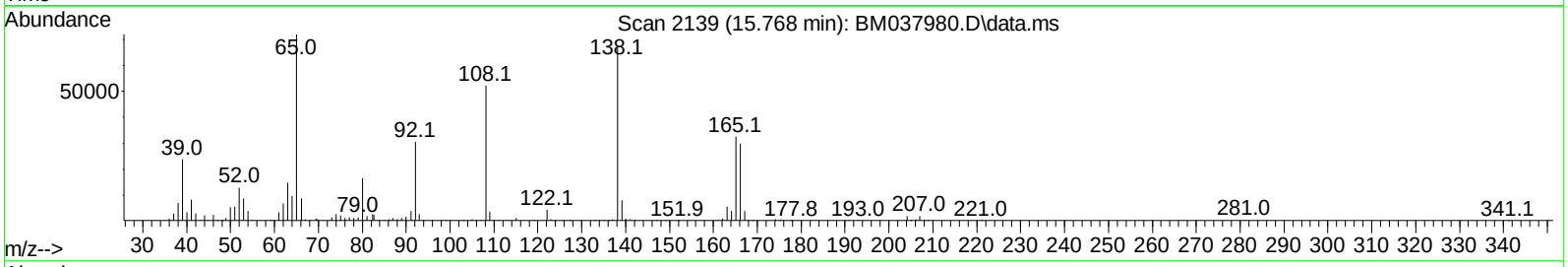

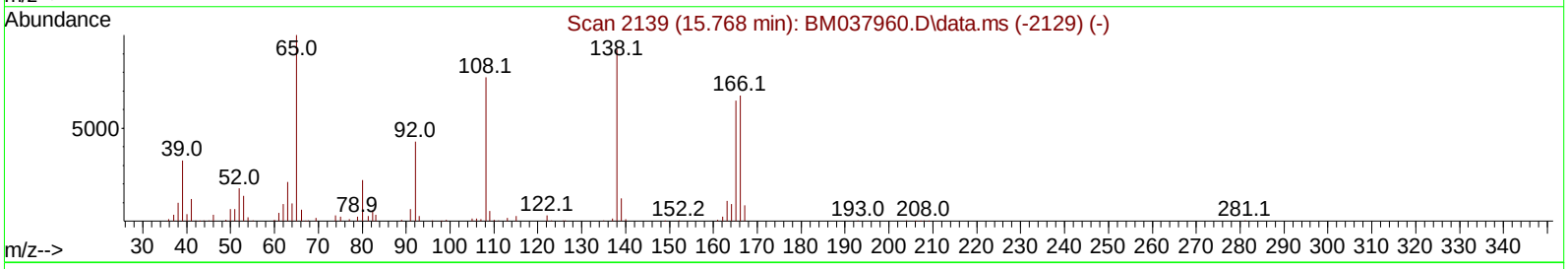

TIC: BM037980.D\data.ms

(63) 4-Nitroaniline

15.768min (-0.006) 16.36 ng/ul m

response 120504

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.10	45.86
108.00	64.50	78.27#
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	8.075	152	230458	20.000	ng/ul	0.00
20) Naphthalene-d8	10.892	136	980372	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.704	164	596052	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1120309	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	818987	20.000	ng/ul	0.00
88) Perylene-d12	24.091	264	852665	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.416	96	36598	7.211	ng/uL	0.00
4) Pyridine-d5	3.852	84	281407	18.690	ng/ul	0.00
7) Phenol-d5	7.228	99	350372	18.709	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.398	67	210011	18.417	ng/ul	0.00
11) 2-Chlorophenol-d4	7.598	132	299071	19.468	ng/ul	-0.01
15) 4-Methylphenol-d8	8.786	113	280428	19.183	ng/ul	0.00
21) Nitrobenzene-d5	9.245	128	149570	19.269	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.969	143	160911	19.781	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.510	165	312361	20.217	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.033	131	394011	18.474	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	841394	19.800	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1004565	19.342	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.898	143	107423	14.833	ng/ul	0.00
60) Fluorene-d10	15.692	176	734826	19.409	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	93758	15.653	ng/ul	0.00
73) Anthracene-d10	17.539	188	1005017	19.222	ng/ul	-0.01
81) Pyrene-d10	19.827	212	977649	19.872	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	851469	19.993	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	37269	7.000	ng/uL	95
5) Pyridine	3.869	79	280101	18.511	ng/ul	96
6) Benzaldehyde	7.204	77	129981	18.557	ng/ul	97
8) Phenol	7.257	94	350289	18.650	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.492	93	279987	18.154	ng/ul	98
12) 2-Chlorophenol	7.634	128	305920	19.471	ng/ul	98
13) 2-Methylphenol	8.516	108	270322	18.807	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.610	45	498713	17.908	ng/ul	99
16) Acetophenone	8.904	105	446594	19.425	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.892	70	214335	19.790	ng/ul	98
18) 4-Methylphenol	8.845	108	293136	18.853	ng/ul	96
19) Hexachloroethane	9.157	117	119198	18.977	ng/ul	96
22) Nitrobenzene	9.292	77	327754	19.624	ng/ul	98
23) Isophorone	9.816	82	584402	19.095	ng/ul	98
25) 2-Nitrophenol	10.004	139	168563	19.766	ng/ul	95
26) 2,4-Dimethylphenol	10.057	107	327528	19.860	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.298	93	382594	18.806	ng/ul	99
29) 2,4-Dichlorophenol	10.539	162	298232	19.674	ng/ul	98
30) Naphthalene	10.945	128	1021396	19.306	ng/ul	99
32) 4-Chloroaniline	11.057	127	392344	18.448	ng/ul	99
33) Hexachlorobutadiene	11.222	225	201657	20.222	ng/ul	99
34) Caprolactam	11.845	113	75163	19.330	ng/ul	90
35) 4-Chloro-3-methylphenol	12.169	107	277706	20.126	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.539	142	681642	19.864	ng/ul	97
37) 1-Methylnaphthalene	12.763	142	699729	19.942	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	376523	19.333	ng/ul	100
40) Hexachlorocyclopentadiene	12.880	237	101081	9.073	ng/ul	99
41) 2,4,6-Trichlorophenol	13.145	196	233448	19.679	ng/ul	97
42) 2,4,5-Trichlorophenol	13.216	196	243357	19.670	ng/ul	99
43) 1,1'-Biphenyl	13.539	154	918852	19.178	ng/ul	100
44) 2-Chloronaphthalene	13.586	162	711494	19.250	ng/ul	99
45) 2-Nitroaniline	13.792	65	174554	19.601	ng/ul	97
47) Dimethylphthalate	14.157	163	834350	19.901	ng/ul	100
48) 2,6-Dinitrotoluene	14.280	165	165745	20.352	ng/ul	95
50) Acenaphthylene	14.427	152	1113260	19.494	ng/ul	100
51) 3-Nitroaniline	14.610	138	137099	16.873	ng/ul	98
52) Acenaphthene	14.768	153	763919	19.340	ng/ul	98
53) 2,4-Dinitrophenol	14.815	184	50630	12.670	ng/ul	91
55) 4-Nitrophenol	14.910	109	81921	17.153	ng/ul	98
56) Dibenzofuran	15.098	168	1050468	19.479	ng/ul	99
57) 2,4-Dinitrotoluene	15.063	165	215422	19.533	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.321	232	203600	19.564	ng/ul	98
59) Diethylphthalate	15.510	149	833743	19.962	ng/ul	99
61) Fluorene	15.745	166	864356	19.653	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	435515	20.263	ng/ul	97
63) 4-Nitroaniline	15.768	138	120504m	16.357	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.827	198	89877	15.500	ng/ul#	96
67) N-Nitrosodiphenylamine	15.951	169	679163	20.097	ng/ul	99
68) 4-Bromophenyl-phenylether	16.627	248	250310	20.382	ng/ul	96
69) Hexachlorobenzene	16.745	284	298933	20.392	ng/ul	93
70) Atrazine	16.898	200	224307	19.423	ng/ul	100
71) Pentachlorophenol	17.092	266	139897	17.165	ng/ul	98
72) Phenanthrene	17.486	178	1169264	19.112	ng/ul	99
74) Anthracene	17.574	178	1197119	19.254	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.510	216	368006	20.319	ng/uL	97
76) Pentachlorobenzene	15.015	250	374714	20.886	ng/uL	97
77) Carbazole	17.845	167	949763	17.632	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1308103	20.430	ng/ul	99
80) Fluoranthene	19.492	202	1152658	19.852	ng/ul	99
82) Pyrene	19.850	202	1195892	19.791	ng/ul	99
83) Butylbenzylphthalate	20.733	149	430627	19.165	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	285631	17.625	ng/ul	98
85) Benzo(a)anthracene	21.597	228	1079392	19.577	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.503	149	664046	20.315	ng/ul	99
87) Chrysene	21.650	228	1008693	19.498	ng/ul	99
89) Di-n-octyl phthalate	22.450	149	1020021	18.670	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	1072282	20.285	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	1040669	20.313	ng/ul	98
93) Benzo(a)pyrene	23.980	252	922219	19.839	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.685	276	1126953	18.824	ng/ul	98
95) Dibenzo(a,h)anthracene	26.697	278	953164	18.886	ng/ul	98
96) Benzo(g,h,i)perylene	27.479	276	921865	19.286	ng/ul	98

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

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