

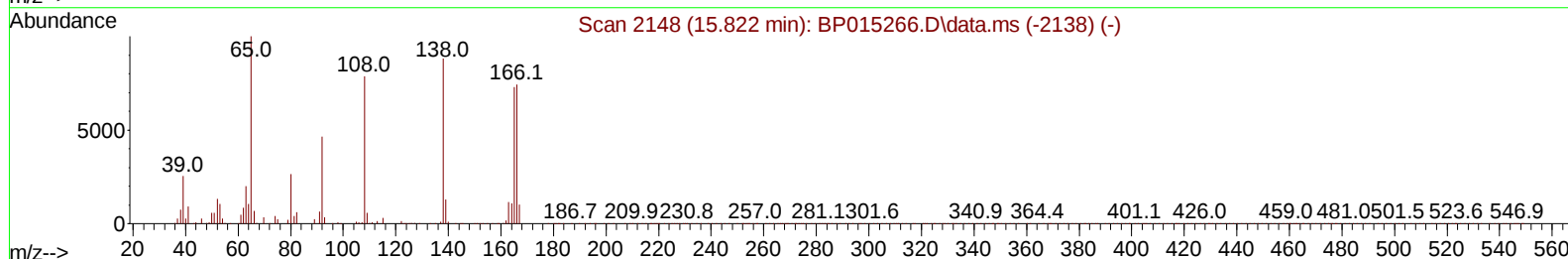
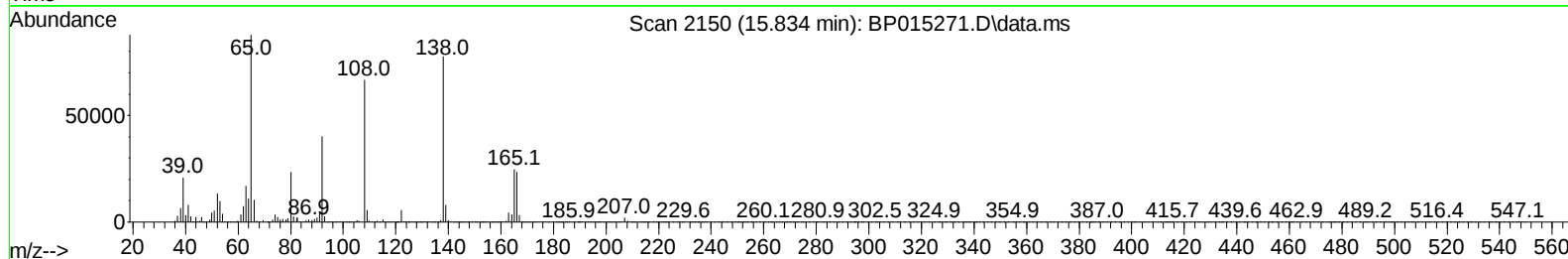
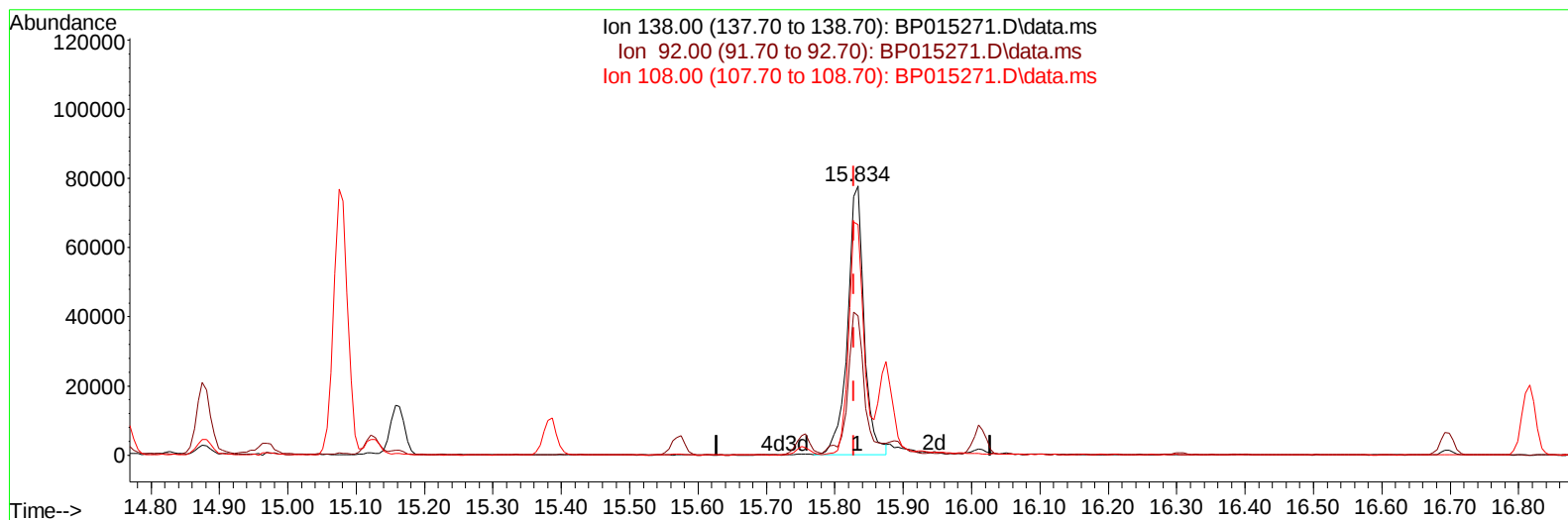
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
 Data File : BP015271.D  
 Acq On : 24 May 2023 12:34  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 24 17:44:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 01:25:41 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/25/2023  
 Supervised By :Jagrut Upadhyay 05/25/2023



TIC: BP015271.D\data.ms

**(63) 4-Nitroaniline**

**15.834min (+ 0.006) 15.78 ng/ul**

**response 131117**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.50  | 51.79  |
| 108.00 | 75.10  | 85.71  |
| 0.00   | 0.00   | 0.00   |

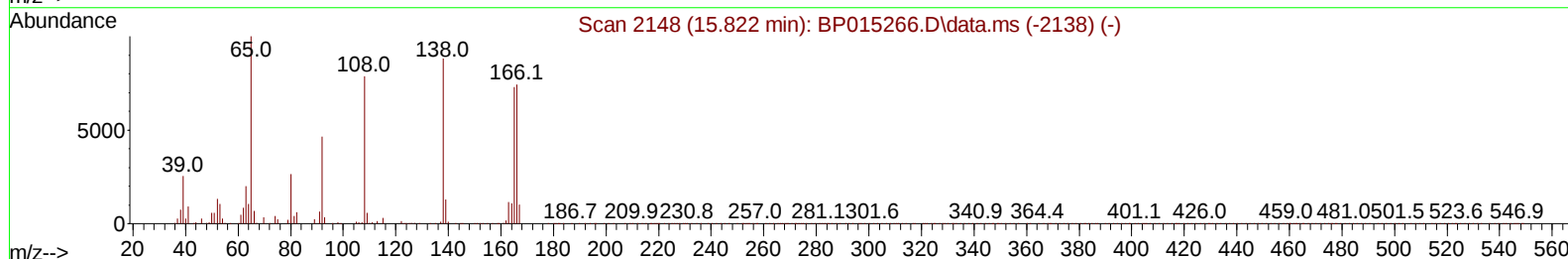
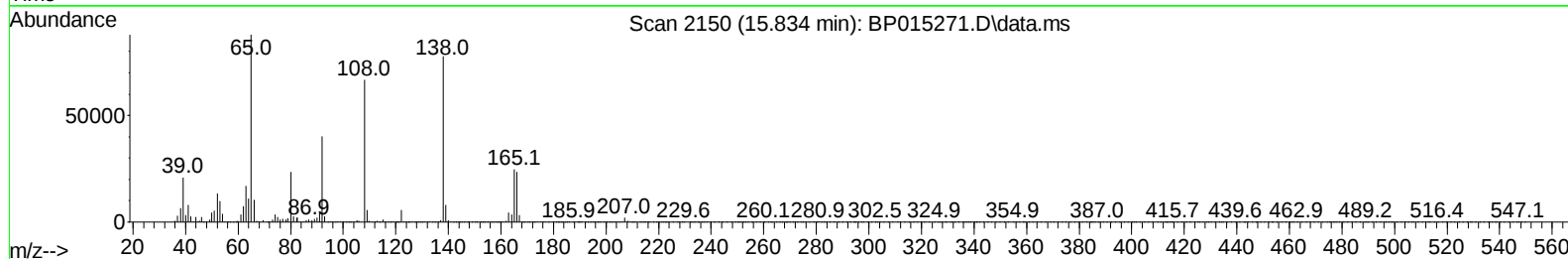
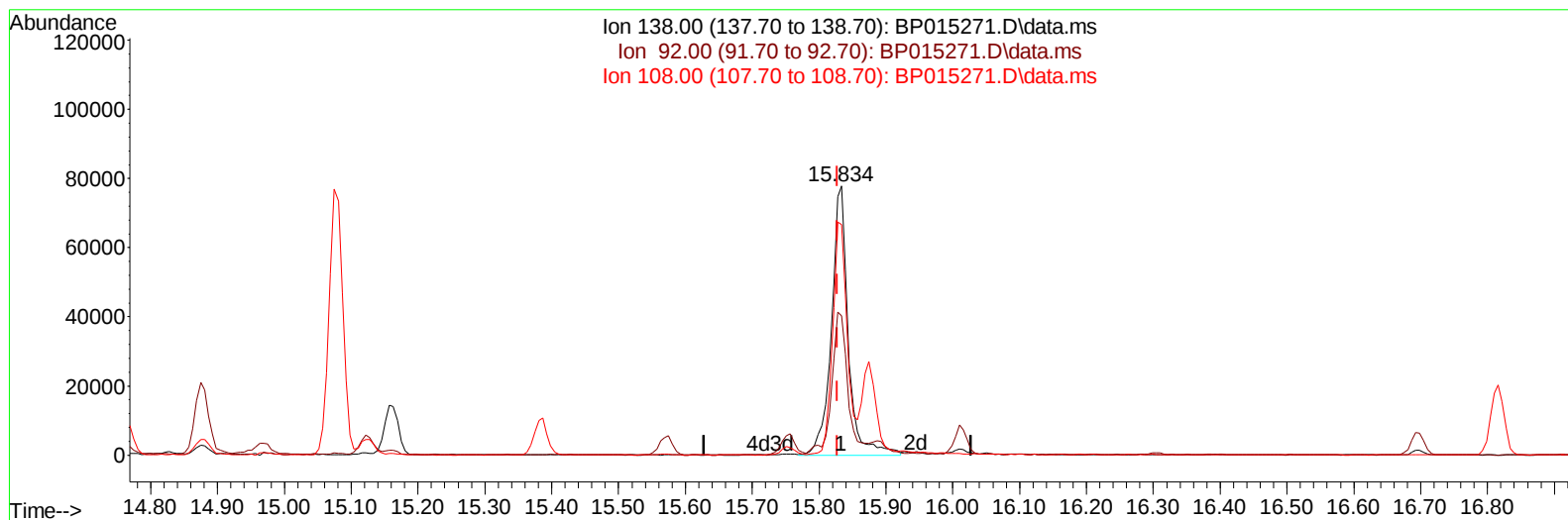
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
 Data File : BP015271.D  
 Acq On : 24 May 2023 12:34  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 24 17:44:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 01:25:41 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/25/2023  
 Supervised By :Jagrut Upadhyay 05/25/2023



TIC: BP015271.D\data.ms

**(63) 4-Nitroaniline**

**15.834min (+ 0.006) 16.50 ng/ul m**

**response 137046**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.50  | 51.79  |
| 108.00 | 75.10  | 85.71  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052323\  
 Data File : BP015271.D  
 Acq On : 24 May 2023 12:34  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 25 02:34:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 01:25:41 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/25/2023  
 Supervised By :Jagrut Upadhyay 05/25/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.116  | 152  | 245521   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.952 | 136  | 1088851  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.763 | 164  | 685153   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.516 | 188  | 1468264  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.598 | 240  | 1058886  | 20.000 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 24.157 | 264  | 1106955  | 20.000 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.422  | 96   | 48285    | 7.641  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.864  | 84   | 326587   | 18.233 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.263  | 99   | 425301   | 18.657 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.434  | 67   | 256327   | 19.469 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.640  | 132  | 319427   | 19.058 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.828  | 113  | 341722   | 18.812 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.293  | 128  | 164749   | 19.255 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.022 | 143  | 189897   | 19.947 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.563 | 165  | 351394   | 20.455 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.087 | 131  | 472551   | 18.591 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.163 | 166  | 1014596  | 19.597 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.457 | 160  | 1163281  | 19.645 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.951 | 143  | 162866   | 16.200 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.757 | 176  | 869252   | 19.897 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 150749   | 16.292 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.616 | 188  | 1286285  | 19.132 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.833 | 212  | 1352743  | 22.027 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.986 | 264  | 1050939  | 19.125 | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.464  | 88   | 52030    | 7.663  | ng/uL  | 95       |
| 5) Pyridine                   | 3.881  | 79   | 343241   | 18.425 | ng/ul  | 93       |
| 6) Benzaldehyde               | 7.246  | 77   | 151432   | 24.168 | ng/ul  | 97       |
| 8) Phenol                     | 7.293  | 94   | 445854   | 19.073 | ng/ul  | 91       |
| 10) Bis(2-Chloroethyl)ether   | 7.534  | 93   | 349294   | 18.677 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.675  | 128  | 340098   | 19.184 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.563  | 108  | 335875   | 18.591 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.652  | 45   | 461579   | 19.699 | ng/ul  | 100      |
| 16) Acetophenone              | 8.952  | 105  | 548799   | 19.358 | ng/ul  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.934  | 70   | 282775   | 19.018 | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.893  | 108  | 370951   | 18.655 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.210  | 117  | 134815   | 18.624 | ng/ul  | 90       |
| 22) Nitrobenzene              | 9.340  | 77   | 434515   | 20.562 | ng/ul  | 97       |
| 23) Isophorone                | 9.869  | 82   | 794564   | 18.293 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 10.057 | 139  | 206815   | 19.810 | ng/ul  | 91       |
| 26) 2,4-Dimethylphenol        | 10.110 | 107  | 416869   | 20.010 | ng/ul  | 94       |
| 27) Bis(2-Chloroethoxy)met... | 10.352 | 93   | 497569   | 18.827 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.593 | 162  | 354432   | 20.425 | ng/ul  | 98       |
| 30) Naphthalene               | 10.999 | 128  | 1128553  | 19.064 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.110 | 127  | 491259   | 18.805 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.281 | 225  | 222907   | 21.314 | ng/ul  | 97       |
| 34) Caprolactam               | 11.887 | 113  | 107354   | 16.409 | ng/ul  | 90       |
| 35) 4-Chloro-3-methylphenol   | 12.222 | 107  | 391599   | 19.986 | ng/ul  | 99       |

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 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: May 25 02:34:49 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 23 01:25:41 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/25/2023  
 Supervised By :Jagrut Upadhyay 05/25/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.598 | 142  | 773067   | 19.382 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.816 | 142  | 775080   | 19.351 | ng/ul# | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.963 | 216  | 434998   | 21.228 | ng/ul  | 100      |
| 40) Hexachlorocyclopentadiene | 12.940 | 237  | 211932   | 15.963 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.198 | 196  | 293077   | 20.255 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.269 | 196  | 321260   | 20.477 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.598 | 154  | 1057791  | 19.899 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.646 | 162  | 837311   | 20.169 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.845 | 65   | 248030   | 20.881 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 14.210 | 163  | 1055692  | 19.579 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.340 | 165  | 220505   | 20.642 | ng/ul  | 100      |
| 50) Acenaphthylene            | 14.487 | 152  | 1285592  | 19.458 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.669 | 138  | 173438   | 18.031 | ng/ul  | 98       |
| 52) Acenaphthene              | 14.828 | 153  | 875654   | 19.405 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.875 | 184  | 113669   | 16.026 | ng/ul  | 90       |
| 55) 4-Nitrophenol             | 14.969 | 109  | 143922   | 19.464 | ng/ul  | 86       |
| 56) Dibenzofuran              | 15.157 | 168  | 1248986  | 19.899 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 15.122 | 165  | 310136   | 20.064 | ng/ul  | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.387 | 232  | 263390   | 19.892 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.569 | 149  | 1062154  | 19.751 | ng/ul  | 100      |
| 61) Fluorene                  | 15.810 | 166  | 992265   | 19.672 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.798 | 204  | 504705   | 20.479 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.834 | 138  | 137046m  | 16.499 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.887 | 198  | 157692   | 16.513 | ng/ul  | 99       |
| 67) N-Nitrosodiphenylamine    | 16.016 | 169  | 845374   | 19.581 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.698 | 248  | 320103   | 21.166 | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.816 | 284  | 366592   | 20.512 | ng/ul  | 98       |
| 70) Atrazine                  | 16.963 | 200  | 318754   | 19.975 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.163 | 266  | 193714   | 17.328 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.563 | 178  | 1546280  | 19.340 | ng/ul  | 99       |
| 74) Anthracene                | 17.651 | 178  | 1546229  | 19.125 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.563 | 216  | 440531   | 21.161 | ng/uL  | 100      |
| 76) Pentachlorobenzene        | 15.081 | 250  | 440204   | 21.060 | ng/uL  | 100      |
| 77) Carbazole                 | 17.916 | 167  | 1326452  | 18.710 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.451 | 149  | 1807679  | 19.800 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.510 | 202  | 1691186  | 22.593 | ng/ul  | 98       |
| 82) Pyrene                    | 19.863 | 202  | 1710657  | 22.130 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.716 | 149  | 731510   | 21.347 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.504 | 252  | 405776   | 17.448 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.580 | 228  | 1461717  | 19.964 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.474 | 149  | 1077270  | 21.836 | ng/ul  | 99       |
| 87) Chrysene                  | 21.633 | 228  | 1345266  | 19.221 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.451 | 149  | 1633117  | 21.542 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.369 | 252  | 1389682  | 19.803 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.416 | 252  | 1331055  | 19.753 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.045 | 252  | 1186621  | 19.131 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.868 | 276  | 1536155  | 19.127 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.886 | 278  | 1276112  | 19.356 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.704 | 276  | 1251377  | 19.107 | ng/ul  | 98       |

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

**Instrument :**  
BNA\_P  
**LabSampleId :**  
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/25/2023  
Supervised By :Jagrut Upadhyay 05/25/2023

