

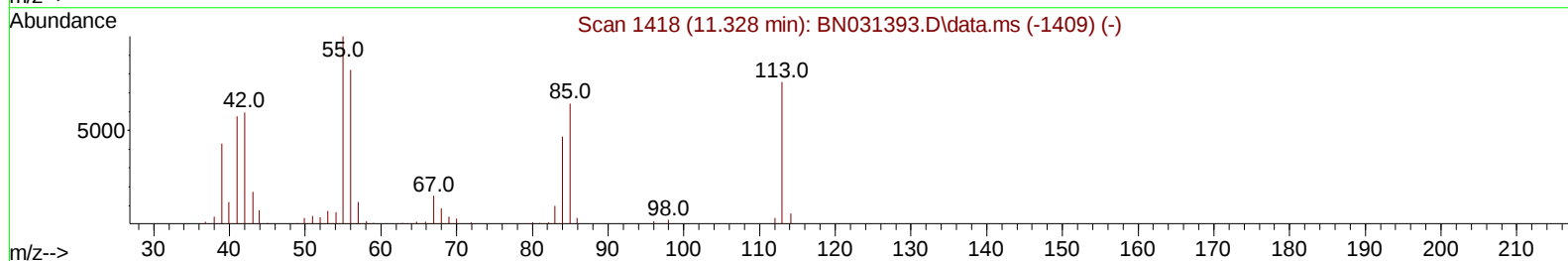
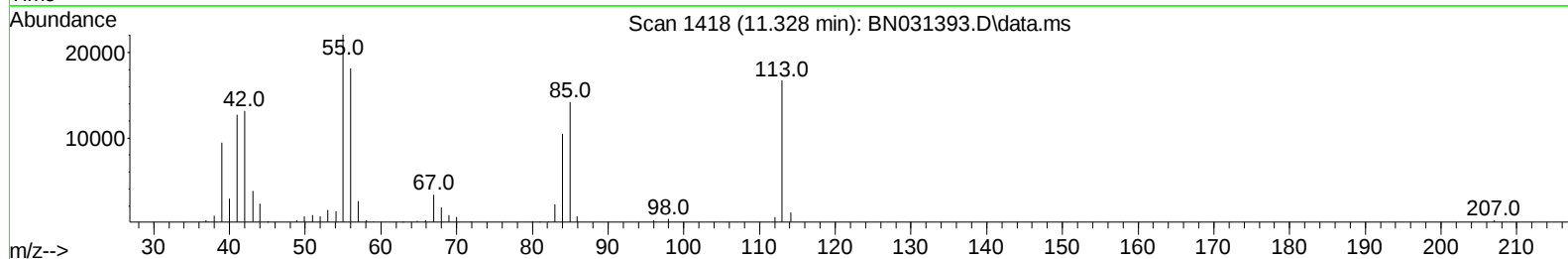
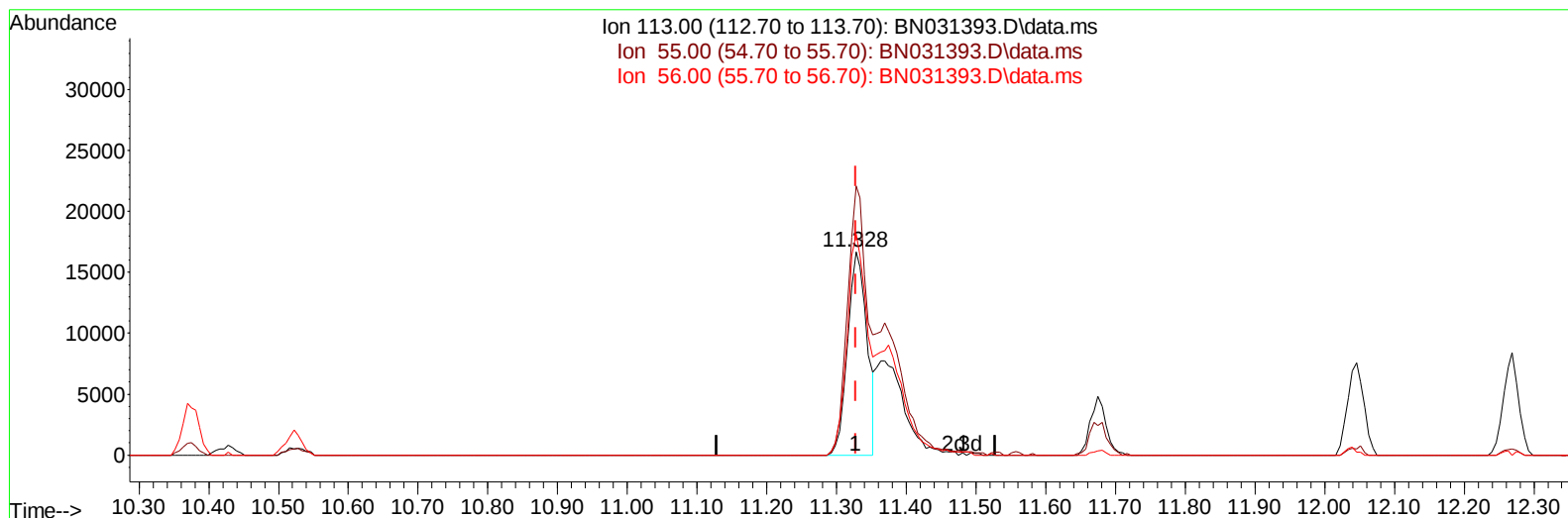
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050624\  
Data File : BN031393.D  
Acq On : 06 May 2024 10:33  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 06 12:38:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 03 14:17:04 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/07/2024  
Supervised By :mohammad ahmed 05/08/2024



TIC: BN031393.D\data.ms

**(34) Caprolactam**

11.328min (-0.000) 11.02 ng/ul

response 32048

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 132.00 | 132.12 |
| 56.00  | 111.10 | 108.52 |
| 0.00   | 0.00   | 0.00   |

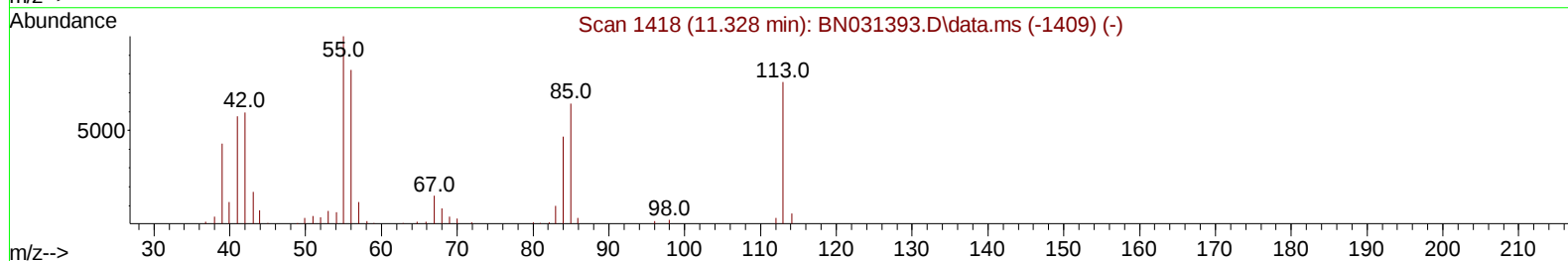
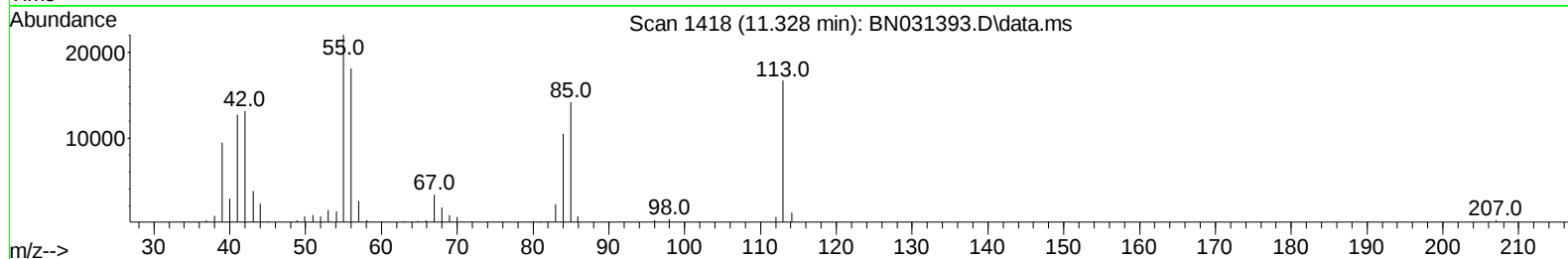
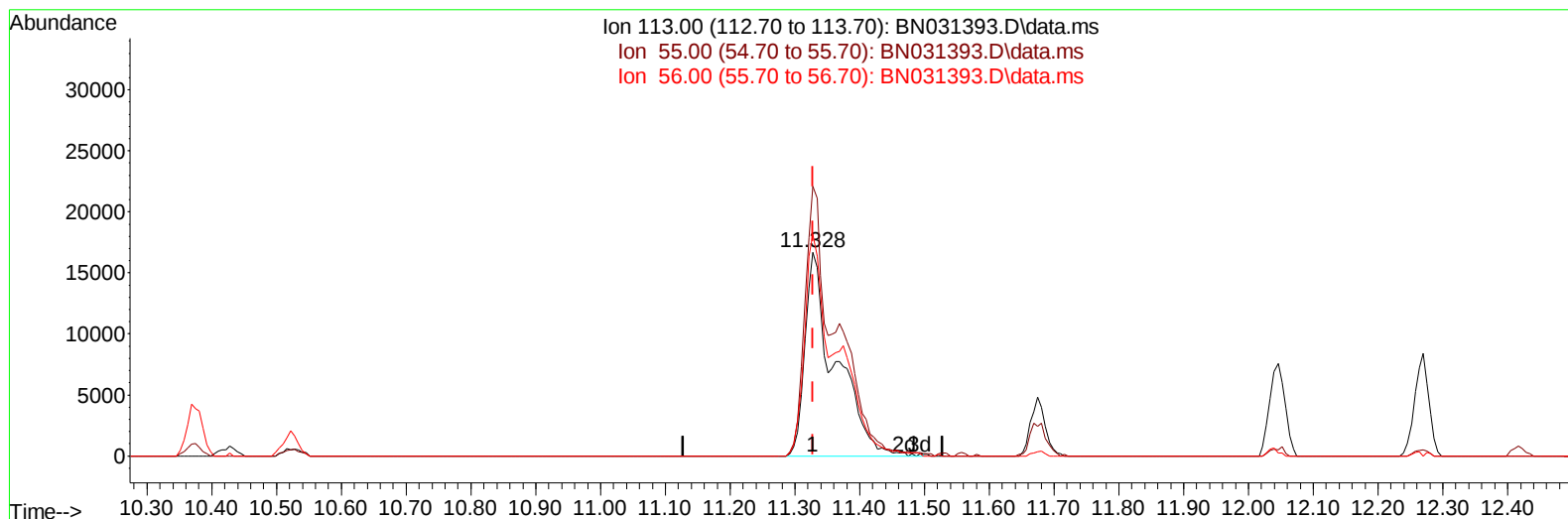
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050624\  
Data File : BN031393.D  
Acq On : 06 May 2024 10:33  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 06 12:38:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 03 14:17:04 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/07/2024  
Supervised By :mohammad ahmed 05/08/2024



TIC: BN031393.D\data.ms

(34) Caprolactam

11.328min (-0.000) 18.68 ng/ul m

response 54316

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 132.00 | 132.12 |
| 56.00  | 111.10 | 108.52 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050624\  
 Data File : BN031393.D  
 Acq On : 06 May 2024 10:33  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 06 12:40:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 14:17:04 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/07/2024  
 Supervised By :mohammad ahmed 05/08/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.593  | 152  | 144057   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.375 | 136  | 607554   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.245 | 164  | 393062   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.998 | 188  | 792445   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.239 | 240  | 645582   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 660259   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.117  | 96   | 25146    | 7.555  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.522  | 84   | 169414   | 19.582 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.775  | 99   | 214396   | 19.519 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.940  | 67   | 119603   | 19.282 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.128  | 132  | 179764   | 19.624 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.310  | 113  | 178962   | 19.649 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.757  | 128  | 90068    | 19.676 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.469  | 143  | 100669   | 19.901 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.999  | 165  | 181983   | 20.015 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.522 | 131  | 255481   | 20.182 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.669 | 166  | 559533   | 19.784 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.940 | 160  | 640766   | 20.586 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.469 | 143  | 97876    | 19.466 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.245 | 176  | 467182   | 20.211 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.375 | 200  | 91625    | 18.903 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.098 | 188  | 700400   | 20.296 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.404 | 212  | 772037   | 21.059 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.915 | 264  | 613938   | 19.493 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.152  | 88   | 26562    | 7.996  | ng/uL  | 98       |
| 5) Pyridine                   | 3.540  | 79   | 173044   | 19.887 | ng/ul  | 98       |
| 6) Benzaldehyde               | 6.752  | 77   | 115557   | 22.191 | ng/ul  | 97       |
| 8) Phenol                     | 6.805  | 94   | 218253   | 19.642 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.034  | 93   | 172061   | 19.429 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.163  | 128  | 189622   | 19.803 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.040  | 108  | 167780   | 19.509 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.116  | 45   | 193363   | 19.898 | ng/ul  | 97       |
| 16) Acetophenone              | 8.422  | 105  | 289567   | 20.095 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.404  | 70   | 142670   | 20.043 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.369  | 108  | 184055   | 19.803 | ng/ul  | 95       |
| 19) Hexachloroethane          | 8.657  | 117  | 82427    | 19.504 | ng/ul  | 97       |
| 22) Nitrobenzene              | 8.799  | 77   | 220374   | 20.320 | ng/ul  | 99       |
| 23) Isophorone                | 9.316  | 82   | 404710   | 19.629 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.499  | 139  | 108707   | 19.982 | ng/ul  | 100      |
| 26) 2,4-Dimethylphenol        | 9.563  | 107  | 210698   | 19.847 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.804  | 93   | 240708   | 20.008 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.028 | 162  | 182092   | 20.252 | ng/ul  | 99       |
| 30) Naphthalene               | 10.422 | 128  | 621196   | 19.836 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.546 | 127  | 251626   | 20.568 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.704 | 225  | 128089   | 20.325 | ng/ul  | 98       |
| 34) Caprolactam               | 11.328 | 113  | 54316m   | 18.679 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.675 | 107  | 208588   | 19.954 | ng/ul  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050624\  
 Data File : BN031393.D  
 Acq On : 06 May 2024 10:33  
 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: May 06 12:40:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 14:17:04 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/07/2024  
 Supervised By :mohammad ahmed 05/08/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.045 | 142  | 424960   | 19.877 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.269 | 142  | 432114   | 20.195 | ng/ul | 94       |
| 39) 1,2,4,5-Tetrachloroben... | 12.416 | 216  | 220012   | 19.965 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.393 | 237  | 137483   | 18.880 | ng/ul | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.669 | 196  | 144641   | 19.797 | ng/ul | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.740 | 196  | 157530   | 20.044 | ng/ul | 95       |
| 43) 1,1'-Biphenyl             | 13.075 | 154  | 561223   | 20.159 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.116 | 162  | 442809   | 20.157 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.334 | 65   | 125590   | 20.064 | ng/ul | 96       |
| 47) Dimethylphthalate         | 13.716 | 163  | 573494   | 19.814 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 13.839 | 165  | 114746   | 19.862 | ng/ul | 98       |
| 50) Acenaphthylene            | 13.969 | 152  | 725414   | 20.190 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.169 | 138  | 112288   | 19.697 | ng/ul | 97       |
| 52) Acenaphthene              | 14.310 | 153  | 480239   | 20.073 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.375 | 184  | 60303    | 17.525 | ng/ul | 97       |
| 55) 4-Nitrophenol             | 14.481 | 109  | 100440   | 19.311 | ng/ul | 96       |
| 56) Dibenzofuran              | 14.651 | 168  | 656950   | 20.540 | ng/ul | 97       |
| 57) 2,4-Dinitrotoluene        | 14.628 | 165  | 168691   | 20.078 | ng/ul | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.881 | 232  | 130915   | 19.366 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.086 | 149  | 606402   | 20.134 | ng/ul | 98       |
| 61) Fluorene                  | 15.304 | 166  | 535665   | 20.118 | ng/ul | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.298 | 204  | 264317   | 19.947 | ng/ul | 94       |
| 63) 4-Nitroaniline            | 15.339 | 138  | 100639   | 19.909 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.392 | 198  | 97850    | 19.373 | ng/ul | 95       |
| 67) N-Nitrosodiphenylamine    | 15.516 | 169  | 445771   | 19.928 | ng/ul | 97       |
| 68) 4-Bromophenyl-phenylether | 16.198 | 248  | 168632   | 21.132 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.298 | 284  | 186829   | 19.737 | ng/ul | 97       |
| 70) Atrazine                  | 16.475 | 200  | 151629   | 20.147 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.651 | 266  | 115146   | 19.004 | ng/ul | 100      |
| 72) Phenanthrene              | 17.045 | 178  | 840631   | 20.558 | ng/ul | 98       |
| 74) Anthracene                | 17.133 | 178  | 861138   | 20.682 | ng/ul | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.034 | 216  | 221160   | 20.755 | ng/uL | 97       |
| 76) Pentachlorobenzene        | 14.563 | 250  | 217140   | 20.306 | ng/uL | 97       |
| 77) Carbazole                 | 17.410 | 167  | 754119   | 20.929 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 17.975 | 149  | 1027439  | 20.723 | ng/ul | 100      |
| 80) Fluoranthene              | 19.069 | 202  | 938546   | 21.259 | ng/ul | 99       |
| 82) Pyrene                    | 19.433 | 202  | 964184   | 20.925 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.345 | 149  | 425068   | 20.801 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.151 | 252  | 252728   | 21.047 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.221 | 228  | 878729   | 20.297 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.151 | 149  | 596341   | 20.607 | ng/ul | 98       |
| 87) Chrysene                  | 21.280 | 228  | 824801   | 20.235 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.239 | 149  | 947013   | 20.107 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.204 | 252  | 772009   | 19.529 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.263 | 252  | 792424   | 20.346 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.974 | 252  | 720073   | 19.963 | ng/ul | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.333 | 276  | 859295   | 19.980 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 27.386 | 278  | 720283   | 20.110 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 28.345 | 276  | 687030   | 19.829 | ng/ul | 99       |

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

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 05/07/2024  
Supervised By :mohammad ahmed 05/08/2024

