

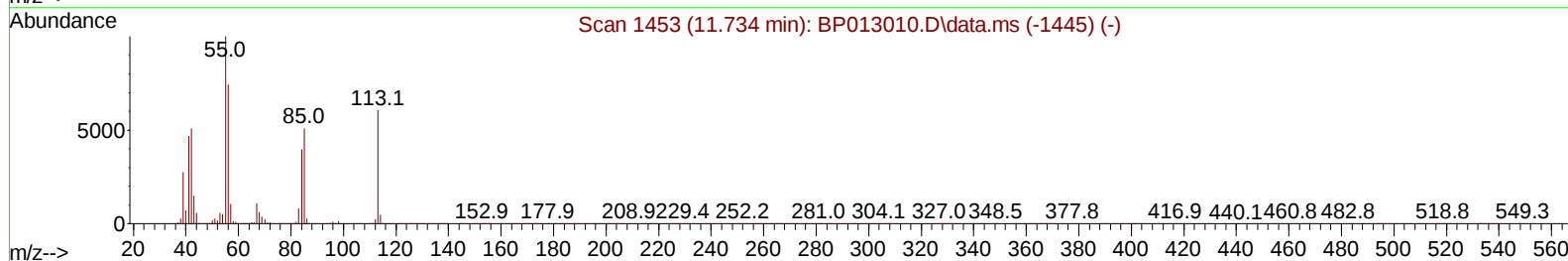
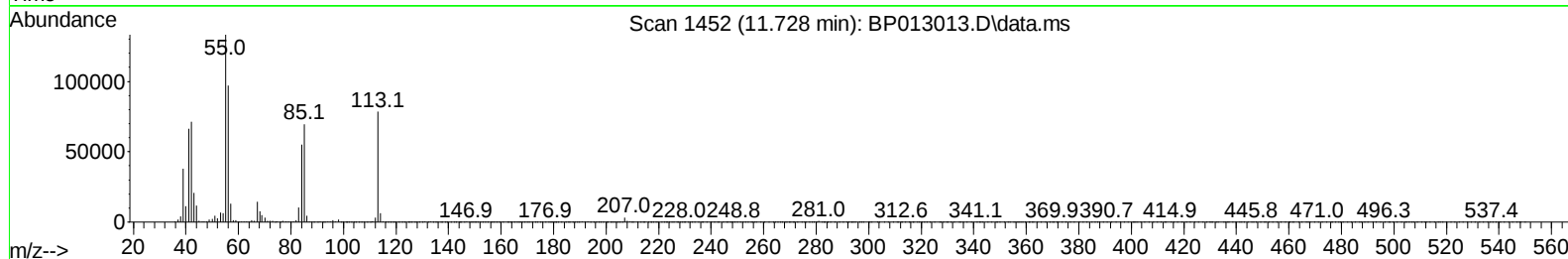
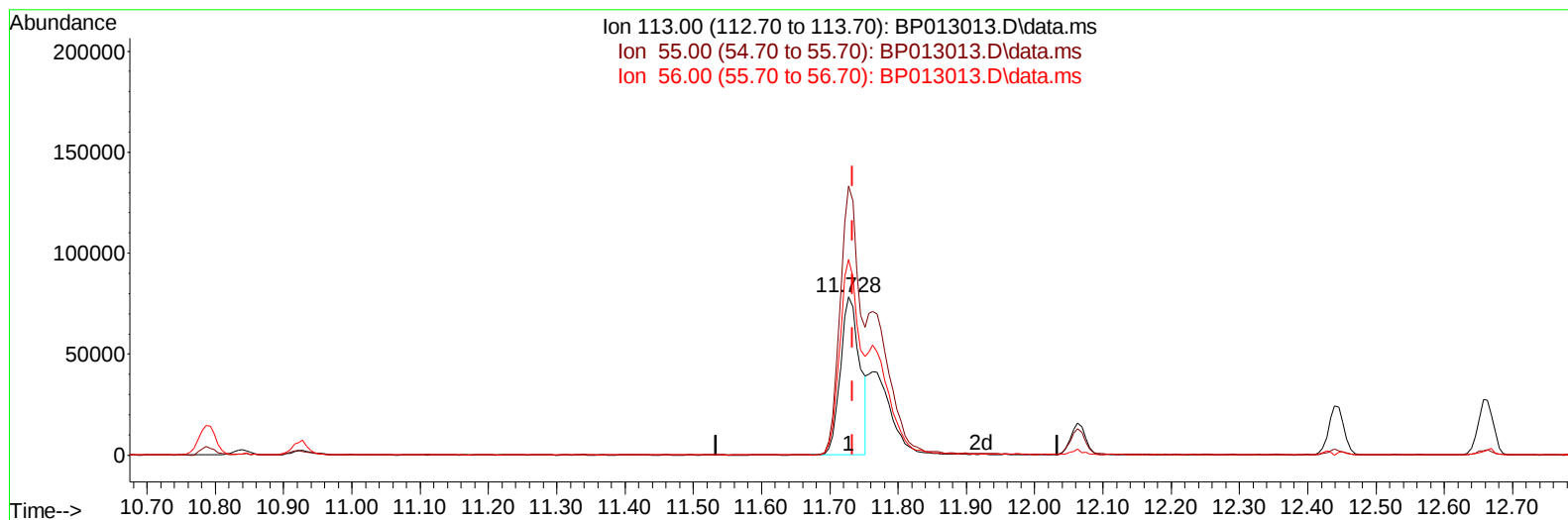
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120822\  
 Data File : BP013013.D  
 Acq On : 09 Dec 2022 12:16  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 09 21:51:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 08 00:35:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/10/2022  
 Supervised By :mohammad ahmed 12/10/2022



TIC: BP013013.D\data.ms

**(34) Caprolactam**

**11.728min (-0.006) 11.75 ng/ul**

**response 154121**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 177.40 | 169.83 |
| 56.00  | 124.50 | 123.71 |
| 0.00   | 0.00   | 0.00   |

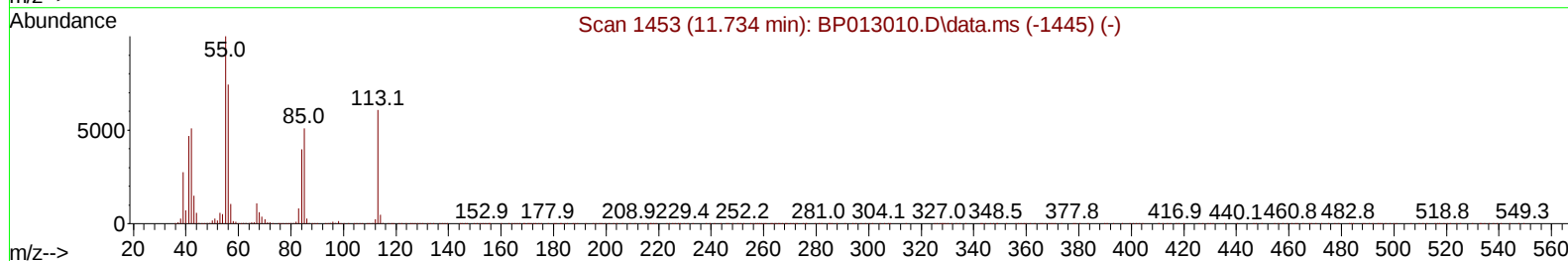
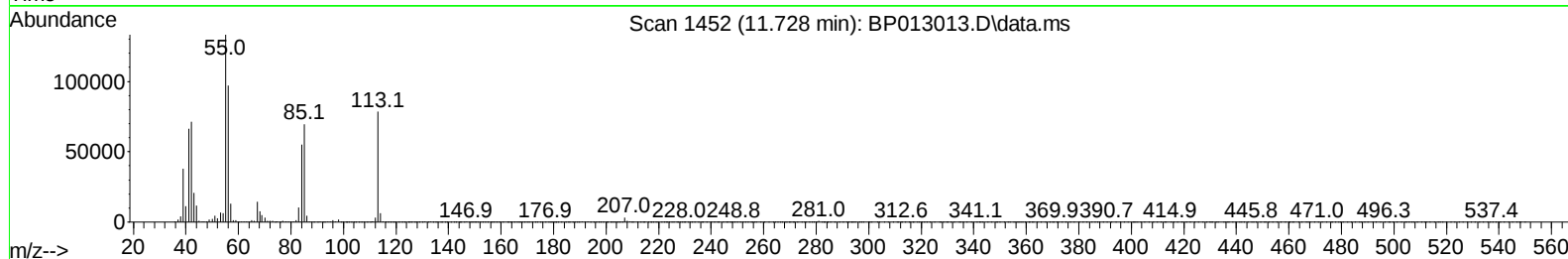
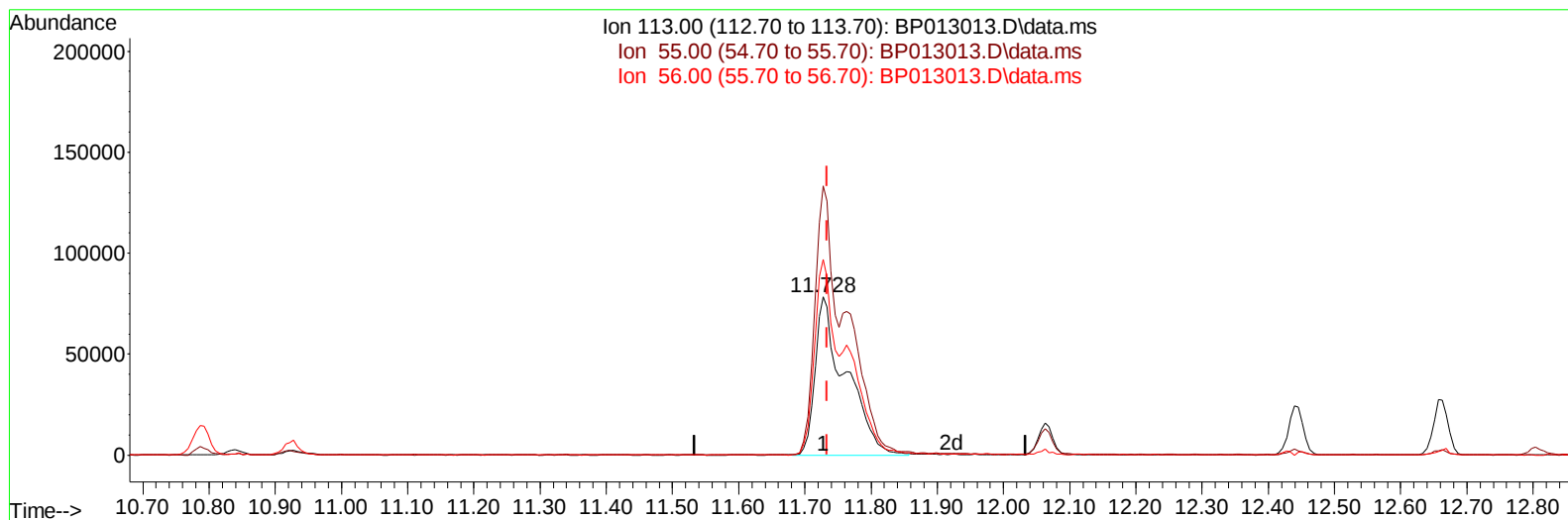
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120822\  
Data File : BP013013.D  
Acq On : 09 Dec 2022 12:16  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 09 21:51:35 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Dec 08 00:35:07 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/10/2022  
Supervised By :mohammad ahmed 12/10/2022



TIC: BP013013.D\data.ms

(34) Caprolactam

11.728min (-0.006) 19.17 ng/ul m

response 251536

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 177.40 | 169.83 |
| 56.00  | 124.50 | 123.71 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120822\  
 Data File : BP013013.D  
 Acq On : 09 Dec 2022 12:16  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 09 21:51:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 08 00:35:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/10/2022  
 Supervised By :mohammad ahmed 12/10/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.975  | 152  | 561270   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.787 | 136  | 2444819  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.616 | 164  | 1633362  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 3648377  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.457 | 240  | 3510734  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.945 | 264  | 3607045  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.352  | 96   | 97555    | 7.432  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.781  | 84   | 714536   | 19.162 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.128  | 99   | 902417   | 19.739 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.298  | 67   | 553314   | 20.064 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.498  | 132  | 739646   | 20.552 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.681  | 113  | 746743   | 19.935 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.140  | 128  | 366779   | 20.419 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.863  | 143  | 423311   | 20.933 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.404 | 165  | 810706   | 20.639 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.922 | 131  | 1136550  | 20.496 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.022 | 166  | 2463356  | 19.623 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.310 | 160  | 2807775  | 20.355 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.804 | 143  | 443891   | 19.658 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.604 | 176  | 2144129  | 20.190 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 200  | 433149   | 18.449 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.469 | 188  | 3371715  | 20.485 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.698 | 212  | 3993493  | 19.817 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.786 | 264  | 3596056  | 20.001 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.387  | 88   | 102942   | 7.512  | ng/uL  | 100      |
| 5) Pyridine                   | 3.799  | 79   | 715156   | 19.297 | ng/ul  | 98       |
| 6) Benzaldehyde               | 7.110  | 77   | 353907   | 19.770 | ng/ul  | 99       |
| 8) Phenol                     | 7.157  | 94   | 920374   | 19.911 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.393  | 93   | 761828   | 20.080 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.534  | 128  | 743044   | 20.134 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.416  | 108  | 715545   | 19.856 | ng/ul  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.504  | 45   | 1065319  | 20.463 | ng/ul  | 99       |
| 16) Acetophenone              | 8.804  | 105  | 1192811  | 20.768 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.787  | 70   | 599396   | 20.753 | ng/ul  | 100      |
| 18) 4-Methylphenol            | 8.745  | 108  | 805906   | 20.190 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.063  | 117  | 292463   | 19.831 | ng/ul  | 97       |
| 22) Nitrobenzene              | 9.187  | 77   | 859677   | 20.395 | ng/ul  | 99       |
| 23) Isophorone                | 9.710  | 82   | 1716710  | 20.142 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.898  | 139  | 451832   | 20.621 | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.951  | 107  | 871377   | 20.382 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.192 | 93   | 1081015  | 19.836 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.434 | 162  | 791575   | 20.573 | ng/ul  | 99       |
| 30) Naphthalene               | 10.839 | 128  | 2560459  | 20.025 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.945 | 127  | 1132647  | 20.641 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.122 | 225  | 524036   | 19.836 | ng/ul  | 98       |
| 34) Caprolactam               | 11.728 | 113  | 251536m  | 19.173 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.063 | 107  | 818342   | 20.841 | ng/ul  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120822\  
 Data File : BP013013.D  
 Acq On : 09 Dec 2022 12:16  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Dec 09 21:51:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Dec 08 00:35:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/10/2022  
 Supervised By :mohammad ahmed 12/10/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.439 | 142  | 1761646  | 20.083 | ng/ul | 99       |
| 37) 1-Methylnaphthalene       | 12.663 | 142  | 1806973  | 20.031 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216  | 1049998  | 19.964 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.786 | 237  | 561765   | 16.413 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.045 | 196  | 686014   | 20.296 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.116 | 196  | 758065   | 20.879 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.445 | 154  | 2457487  | 20.033 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.492 | 162  | 1936590  | 20.058 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.692 | 65   | 497624   | 21.259 | ng/ul | 97       |
| 47) Dimethylphthalate         | 14.069 | 163  | 2458249  | 19.758 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.186 | 165  | 476995   | 20.629 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.333 | 152  | 3014508  | 20.328 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.516 | 138  | 410802   | 18.815 | ng/ul | 97       |
| 52) Acenaphthene              | 14.675 | 153  | 2066680  | 20.111 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.722 | 184  | 264997   | 16.766 | ng/ul | 98       |
| 55) 4-Nitrophenol             | 14.816 | 109  | 311849   | 20.240 | ng/ul | 98       |
| 56) Dibenzofuran              | 15.010 | 168  | 2940205  | 20.123 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.975 | 165  | 691122   | 20.577 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.233 | 232  | 675386   | 20.384 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.427 | 149  | 2396505  | 19.814 | ng/ul | 100      |
| 61) Fluorene                  | 15.663 | 166  | 2378937  | 20.302 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.657 | 204  | 1253989  | 20.236 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.680 | 138  | 405252   | 21.094 | ng/ul | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.733 | 198  | 428128   | 18.660 | ng/ul | 96       |
| 67) N-Nitrosodiphenylamine    | 15.869 | 169  | 2048366  | 20.251 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248  | 778460   | 19.648 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.669 | 284  | 928948   | 19.746 | ng/ul | 98       |
| 70) Atrazine                  | 16.822 | 200  | 785180   | 19.920 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.016 | 266  | 547578   | 19.220 | ng/ul | 99       |
| 72) Phenanthrene              | 17.416 | 178  | 3860262  | 20.314 | ng/ul | 99       |
| 74) Anthracene                | 17.504 | 178  | 3930266  | 20.714 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.416 | 216  | 1037802  | 19.938 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.933 | 250  | 1056382  | 19.905 | ng/uL | 99       |
| 77) Carbazole                 | 17.774 | 167  | 3503816  | 21.927 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.316 | 149  | 4127437  | 21.214 | ng/ul | 99       |
| 80) Fluoranthene              | 19.374 | 202  | 4605325  | 20.135 | ng/ul | 100      |
| 82) Pyrene                    | 19.727 | 202  | 4808203  | 20.380 | ng/ul | 99       |
| 83) Butylbenzylphthalate      | 20.592 | 149  | 1888076  | 20.715 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 1504417  | 18.969 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.439 | 228  | 4770939  | 20.471 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.351 | 149  | 2765854  | 21.512 | ng/ul | 99       |
| 87) Chrysene                  | 21.492 | 228  | 4502082  | 20.427 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.304 | 149  | 4716517  | 23.340 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.180 | 252  | 4578742  | 19.907 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.233 | 252  | 4643254  | 20.358 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.833 | 252  | 4051074  | 20.227 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.550 | 276  | 4627814  | 18.551 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.568 | 278  | 3889738  | 18.832 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.356 | 276  | 3550453  | 17.728 | ng/ul | 99       |

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

**Instrument :**  
BNA\_P  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/10/2022  
Supervised By :mohammad ahmed 12/10/2022

