

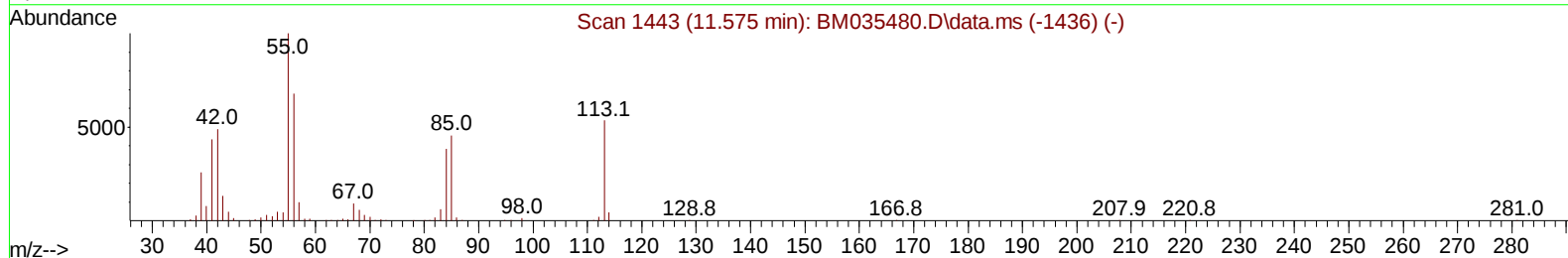
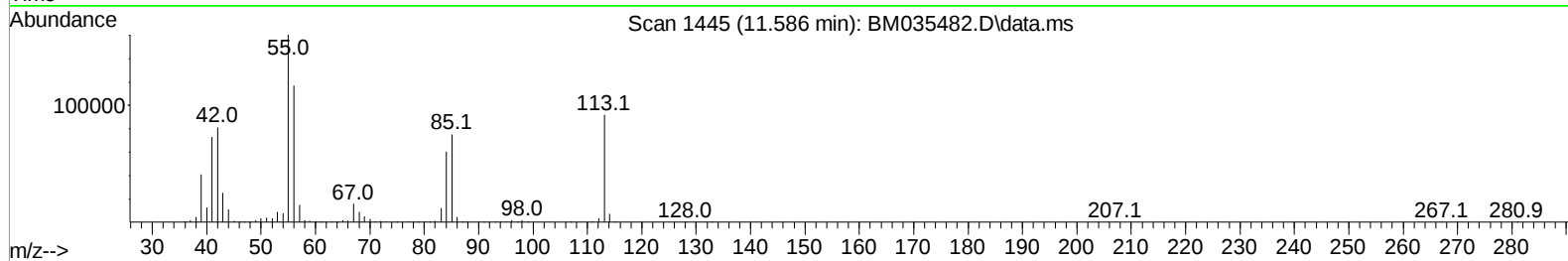
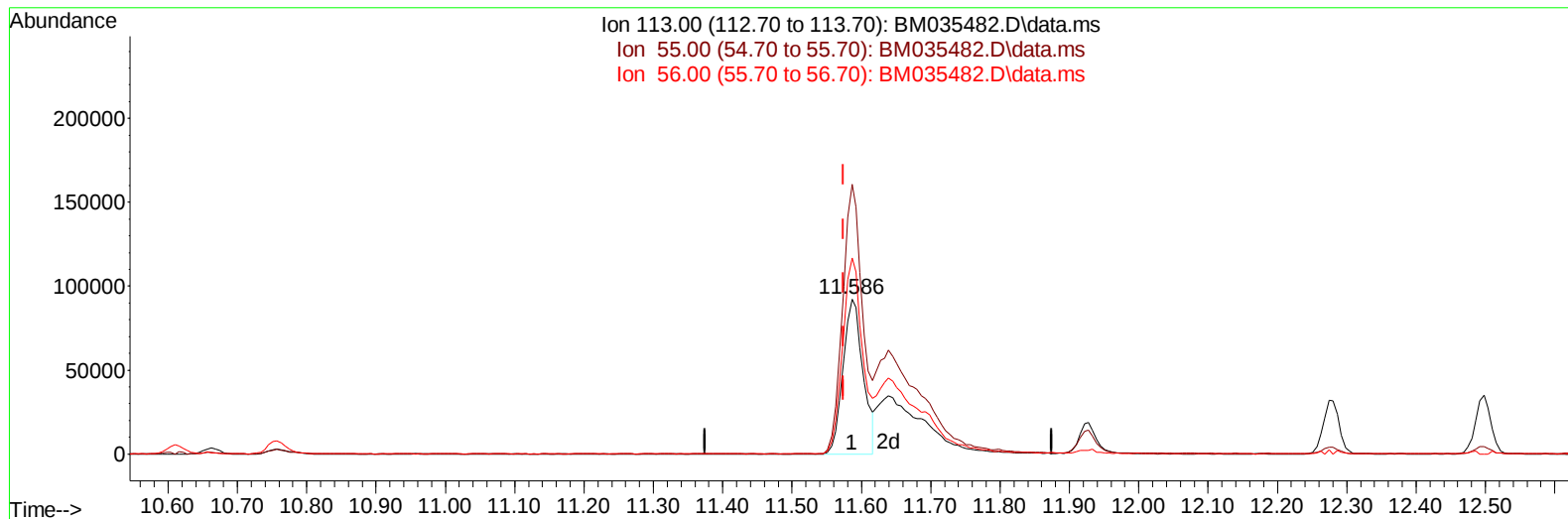
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061622\  
Data File : BM035482.D  
Acq On : 16 Jun 2022 15:53  
Operator : CG/JU  
Sample : SST08051  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD080002

Manual IntegrationsAPPROVED

Quant Time: Jun 17 01:05:10 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM061622.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 17 00:59:32 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022  
Supervised By :Yogesh Patel 06/22/2022



TIC: BM035482.D\data.ms

**(34) Caprolactam**

**11.586min (+ 0.012) 50.46 ng/ul**

**response 185879**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 187.80 | 174.10 |
| 56.00  | 127.60 | 126.71 |
| 0.00   | 0.00   | 0.00   |

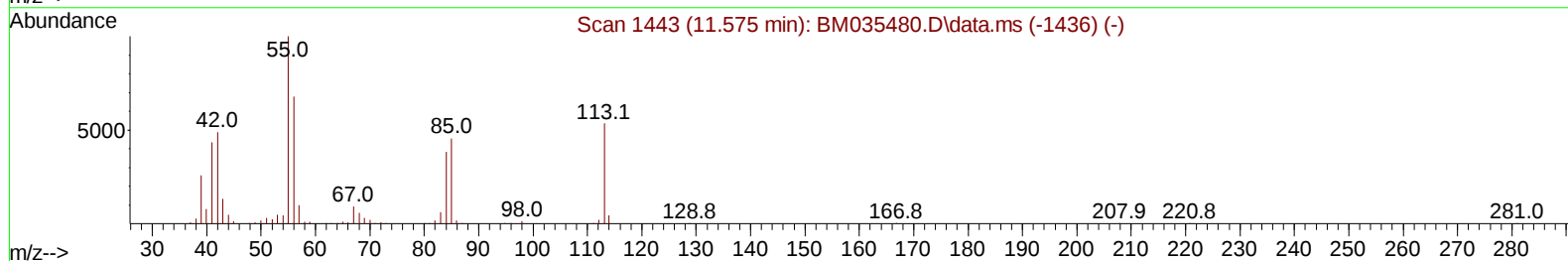
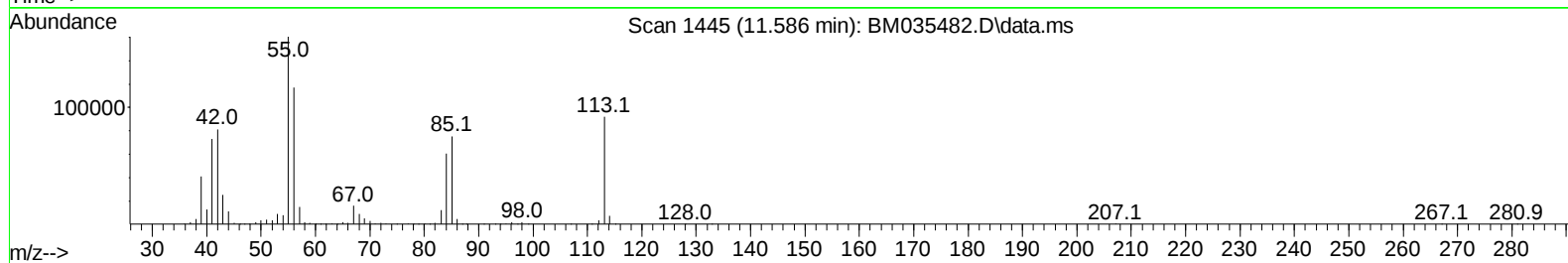
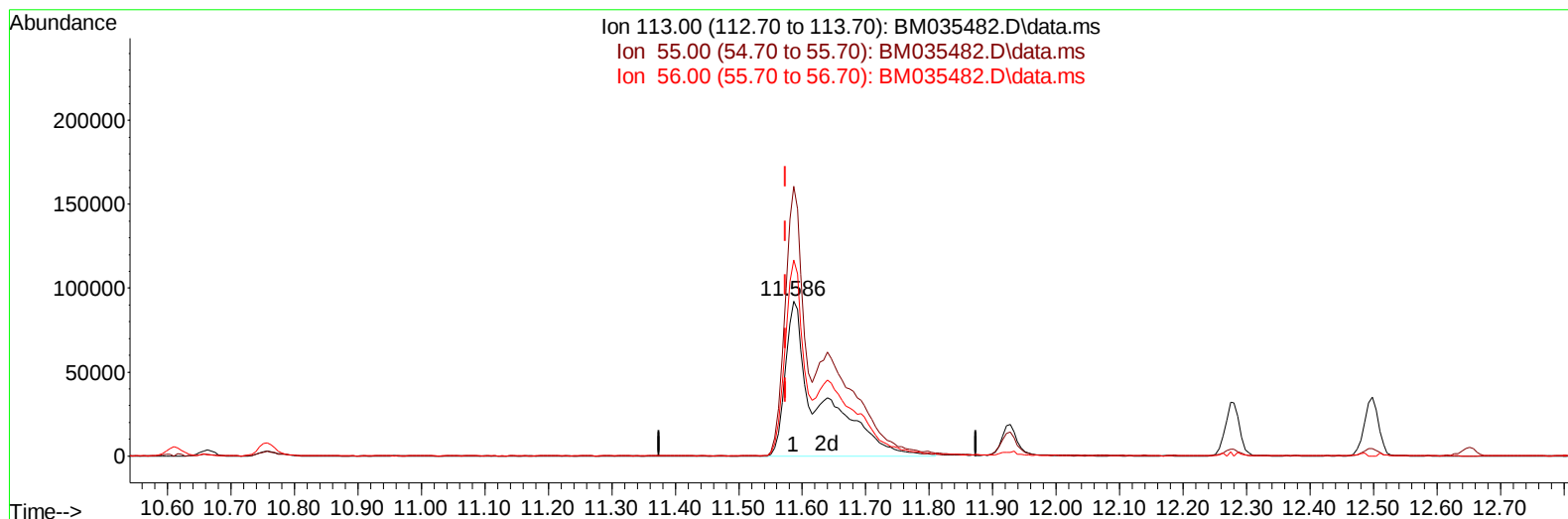
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061622\  
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 ClientSampleId :  
 SST080002

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 06/21/2022  
 Supervised By :Yogesh Patel 06/22/2022



TIC: BM035482.D\data.ms

**(34) Caprolactam**

11.586min (+ 0.012) 94.12 ng/ul m

response 346721

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 187.80 | 174.10 |
| 56.00  | 127.60 | 126.71 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061622\  
 Data File : BM035482.D  
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 Operator : CG/JU  
 Sample : SST08051  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST080002

Manual IntegrationsAPPROVED

Quant Time: Jun 17 01:05:10 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 17 00:59:32 2022  
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Reviewed By :Jagrut Upadhyay 06/21/2022  
 Supervised By :Yogesh Patel 06/22/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 195769   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.610 | 136  | 812026   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.457 | 164  | 483392   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 975706   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.392 | 240  | 958431   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.733 | 264  | 1060320  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.263  | 96   | 164107   | 34.636 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 1060445  | 86.763 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.998  | 99   | 1294534  | 89.726 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.151  | 67   | 785154   | 86.253 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.351  | 132  | 1145116  | 89.530 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.545  | 113  | 1090876  | 90.006 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 550896   | 86.530 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.704  | 143  | 618106   | 86.709 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.245 | 165  | 1011575  | 79.781 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.757 | 131  | 1517856  | 86.817 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.874 | 166  | 2818536  | 80.031 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.151 | 160  | 3534623  | 83.975 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.692 | 143  | 504180   | 80.748 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.451 | 176  | 2414533  | 81.039 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.592 | 200  | 532763   | 84.561 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.304 | 188  | 3678775  | 81.002 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.598 | 212  | 4041902  | 79.181 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.586 | 264  | 4364017  | 81.211 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.299  | 88   | 165564   | 33.626 | ng/uL  | 95       |
| 5) Pyridine                   | 3.699  | 79   | 1092520  | 86.245 | ng/ul  | 97       |
| 6) Benzaldehyde               | 6.957  | 77   | 445996   | 62.299 | ng/ul  | 96       |
| 8) Phenol                     | 7.028  | 94   | 1376051  | 90.683 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.245  | 93   | 1057201  | 89.885 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.387  | 128  | 1181052  | 90.385 | ng/ul  | 98       |
| 13) 2-Methylphenol            | 8.275  | 108  | 1020804  | 89.628 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.345  | 45   | 1533312  | 91.768 | ng/ul  | 100      |
| 16) Acetophenone              | 8.645  | 105  | 1615812  | 86.072 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.639  | 70   | 796844   | 89.531 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.610  | 108  | 1097691  | 90.186 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.886  | 117  | 455854   | 80.256 | ng/ul  | 94       |
| 22) Nitrobenzene              | 9.022  | 77   | 1154953  | 75.864 | ng/ul  | 96       |
| 23) Isophorone                | 9.557  | 82   | 2191158  | 81.551 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.733  | 139  | 666843   | 87.383 | ng/ul  | 96       |
| 26) 2,4-Dimethylphenol        | 9.804  | 107  | 1196247  | 79.530 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.033 | 93   | 1391178  | 86.020 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 1022540  | 79.982 | ng/ul  | 99       |
| 30) Naphthalene               | 10.663 | 128  | 3492659  | 83.157 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.780 | 127  | 1521109  | 87.000 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.951 | 225  | 600591   | 64.603 | ng/ul  | 99       |
| 34) Caprolactam               | 11.586 | 113  | 346721m  | 94.124 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.927 | 107  | 1093921  | 85.231 | ng/ul  | 97       |

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 Acq On : 16 Jun 2022 15:53  
 Operator : CG/JU  
 Sample : SSTD08051  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD080002

Manual IntegrationsAPPROVED

Quant Time: Jun 17 01:05:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM061622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 17 00:59:32 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2022  
 Supervised By :Yogesh Patel 06/22/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.280 | 142  | 2319248  | 82.432 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.498 | 142  | 2331022  | 82.657 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 1139156  | 73.288 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.627 | 237  | 513717   | 46.348 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.898 | 196  | 758980   | 76.456 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.980 | 196  | 802238   | 76.139 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.292 | 154  | 3027803  | 80.904 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.333 | 162  | 2323320  | 80.059 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.551 | 65   | 691785   | 84.835 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 13.927 | 163  | 2824952  | 80.113 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.045 | 165  | 631541   | 89.920 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.180 | 152  | 3843414  | 84.965 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.380 | 138  | 581653   | 86.363 | ng/ul  | 95       |
| 52) Acenaphthene              | 14.521 | 153  | 2510020  | 83.317 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.598 | 184  | 373367   | 81.145 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.710 | 109  | 337341   | 57.595 | ng/ul  | 94       |
| 56) Dibenzofuran              | 14.857 | 168  | 3418288  | 81.131 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.839 | 165  | 891522   | 90.399 | ng/ul  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 653717   | 76.585 | ng/ul  | 95       |
| 59) Diethylphthalate          | 15.286 | 149  | 2881681  | 80.704 | ng/ul  | 99       |
| 61) Fluorene                  | 15.510 | 166  | 2756371  | 80.406 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204  | 1282422  | 73.691 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.545 | 138  | 511110   | 83.761 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.610 | 198  | 521985   | 82.658 | ng/ul# | 94       |
| 67) N-Nitrosodiphenylamine    | 15.721 | 169  | 2425209  | 82.166 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.398 | 248  | 800785   | 77.492 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.515 | 284  | 908678   | 77.002 | ng/ul  | 99       |
| 70) Atrazine                  | 16.680 | 200  | 869933   | 75.536 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.868 | 266  | 524538   | 66.516 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.245 | 178  | 4336833  | 82.088 | ng/ul  | 99       |
| 74) Anthracene                | 17.339 | 178  | 4470850  | 83.043 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216  | 1175442  | 69.159 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.780 | 250  | 1099413  | 75.298 | ng/uL  | 100      |
| 77) Carbazole                 | 17.615 | 167  | 4072574  | 85.477 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.174 | 149  | 5082746  | 74.545 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.268 | 202  | 4960813  | 80.905 | ng/ul  | 98       |
| 82) Pyrene                    | 19.627 | 202  | 5058183  | 80.146 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.527 | 149  | 2345285  | 86.750 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.309 | 252  | 1427458  | 72.447 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.380 | 228  | 4826895  | 78.831 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.309 | 149  | 3378306  | 83.104 | ng/ul  | 99       |
| 87) Chrysene                  | 21.433 | 228  | 4736936  | 79.346 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.209 | 149  | 6110253  | 80.372 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.027 | 252  | 5324501  | 77.213 | ng/ul  | 100      |
| 91) Benzo(k)fluoranthene      | 23.074 | 252  | 4936507  | 75.356 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.638 | 252  | 5291687  | 78.761 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.168 | 276  | 6175887  | 79.992 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.179 | 278  | 5245130  | 79.094 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 26.909 | 276  | 5380631  | 83.782 | ng/ul  | 99       |

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

**Instrument :**

BNA\_M

**ClientSampleId :**

SSTD080002

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 06/21/2022  
Supervised By :Yogesh Patel 06/22/2022

