

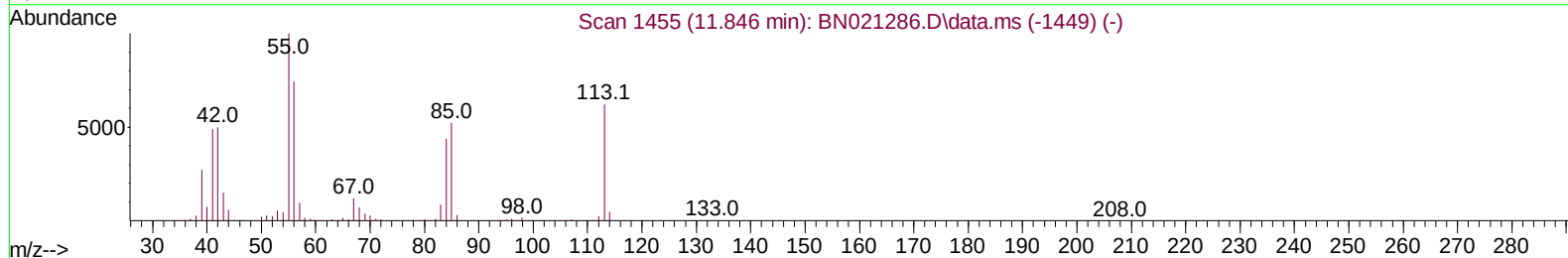
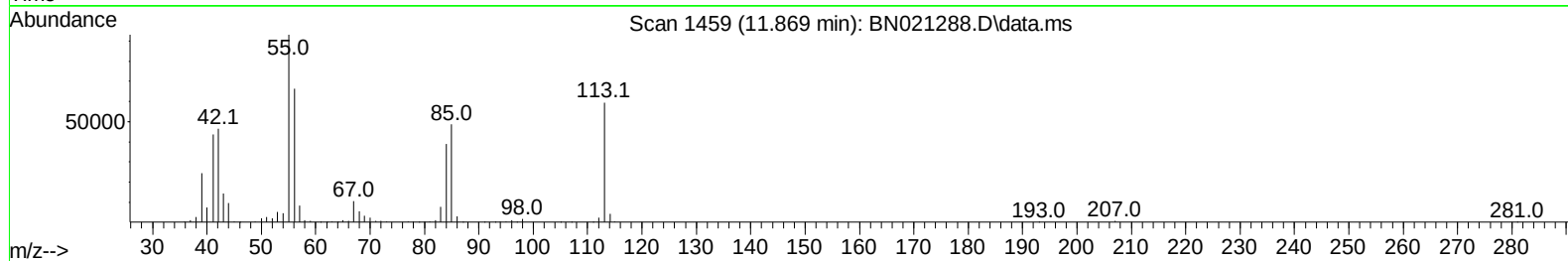
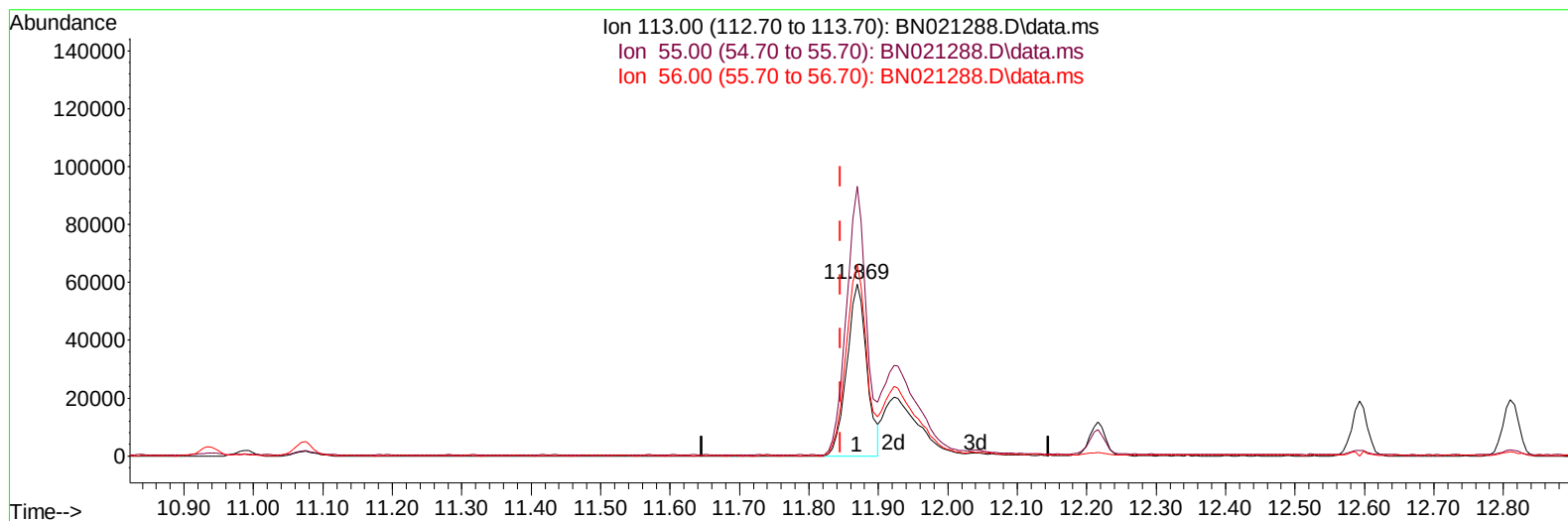
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN081822\  
 Data File : BN021288.D  
 Acq On : 18 Aug 2022 20:01  
 Operator : CG/JU  
 Sample : SSTD08027  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD080228

Manual IntegrationsAPPROVED

Quant Time: Aug 18 21:13:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN081822.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 18 19:40:32 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 08/19/2022  
 Supervised By :Sohil Jodhani 08/22/2022



TIC: BN021288.D\data.ms

**(34) Caprolactam**

**11.869min (+ 0.023) 45.00 ng/ul**

**response 117862**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 181.90 | 156.65 |
| 56.00  | 133.10 | 111.41 |
| 0.00   | 0.00   | 0.00   |

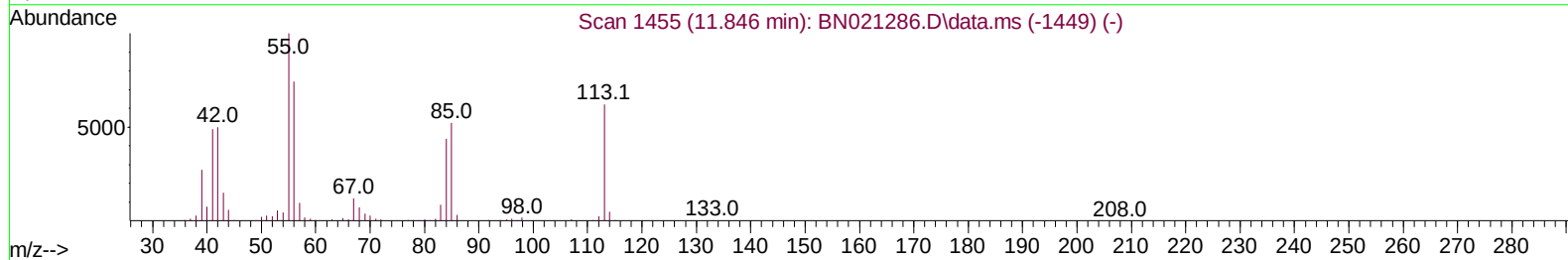
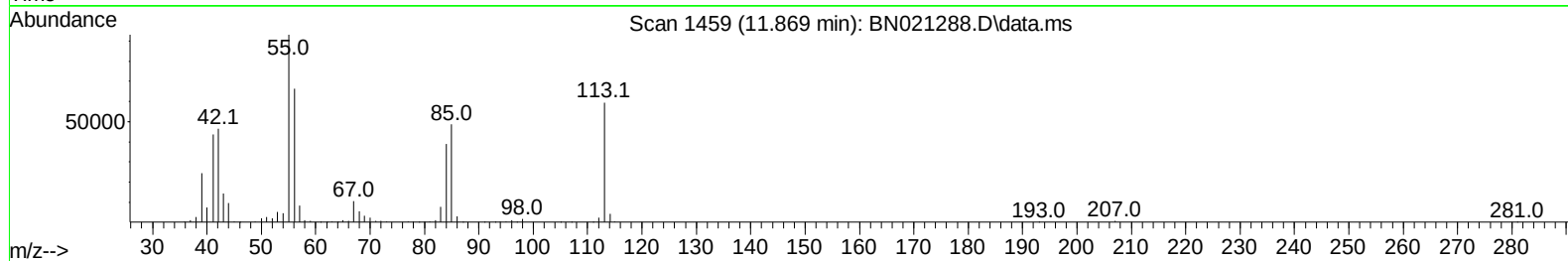
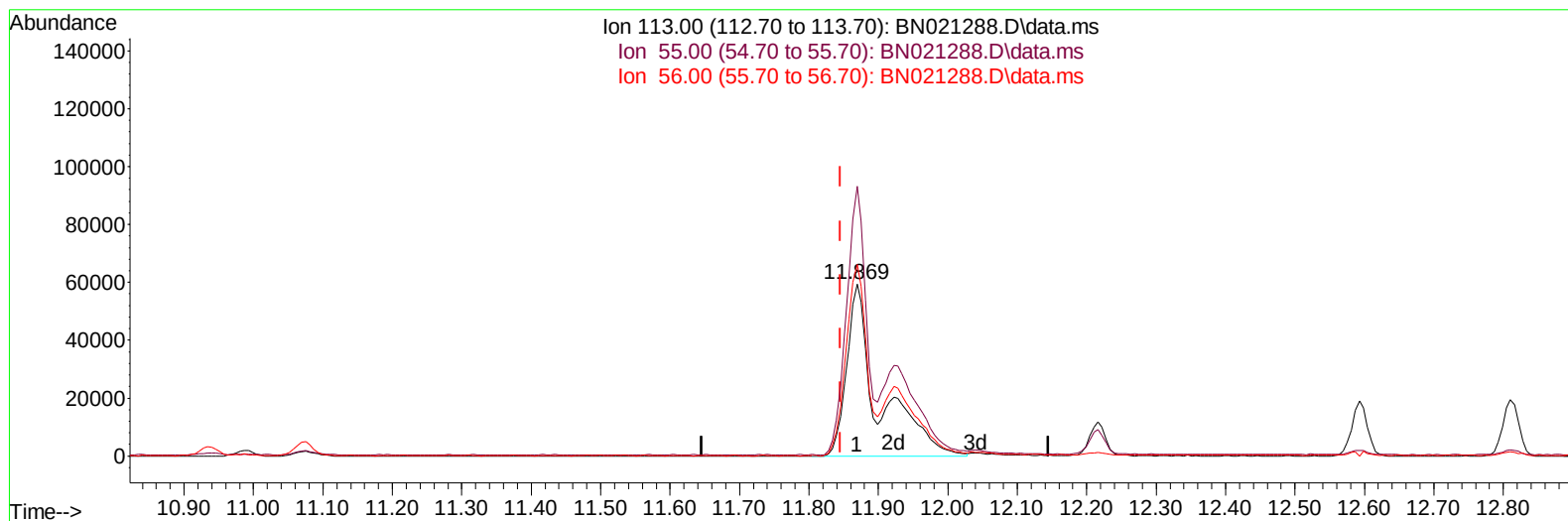
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TIC: BN021288.D\data.ms

(34) Caprolactam

11.869min (+ 0.023) 72.15 ng/ul m

response 188954

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 181.90 | 156.65 |
| 56.00  | 133.10 | 111.41 |
| 0.00   | 0.00   | 0.00   |

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 Operator : CG/JU  
 Sample : SST08027  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST080228

Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.099  | 152  | 112110   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.934 | 136  | 459979   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.757 | 164  | 259270   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.510 | 188  | 520824   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.698 | 240  | 489165   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.239 | 264  | 509412   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 103795   | 40.100 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.817  | 84   | 691019   | 97.674 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.246  | 99   | 808027   | 87.102 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.422  | 67   | 474713   | 81.904 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.622  | 132  | 636341   | 84.422 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.816  | 113  | 601195   | 74.906 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.281  | 128  | 285913   | 81.703 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.005 | 143  | 267612   | 72.058 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.552 | 165  | 555034   | 85.609 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.075 | 131  | 803043   | 76.487 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.169 | 166  | 1443485  | 76.517 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.451 | 160  | 1806904  | 82.592 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.951 | 143  | 277702   | 73.461 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.751 | 176  | 1261925  | 80.837 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200  | 179012   | 59.336 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.610 | 188  | 1886198  | 82.982 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.898 | 212  | 2055299  | 77.504 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.080 | 264  | 2172074  | 87.147 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.423  | 88   | 110912   | 40.590 | ng/uL  | 95       |
| 5) Pyridine                   | 3.840  | 79   | 678700   | 91.509 | ng/ul  | 86       |
| 6) Benzaldehyde               | 7.222  | 77   | 330453   | 75.600 | ng/ul  | 92       |
| 8) Phenol                     | 7.275  | 94   | 821910   | 83.204 | ng/ul  | 92       |
| 10) Bis(2-Chloroethyl)ether   | 7.516  | 93   | 661581   | 85.569 | ng/ul  | 95       |
| 12) 2-Chlorophenol            | 7.658  | 128  | 662883   | 84.135 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.546  | 108  | 611099   | 80.470 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.640  | 45   | 808075   | 66.652 | ng/ul  | 96       |
| 16) Acetophenone              | 8.940  | 105  | 909120   | 74.484 | ng/ul  | 94       |
| 17) N-Nitroso-di-n-propyla... | 8.928  | 70   | 457582   | 73.388 | ng/ul  | 92       |
| 18) 4-Methylphenol            | 8.881  | 108  | 642202   | 76.620 | ng/ul  | 97       |
| 19) Hexachloroethane          | 9.199  | 117  | 272996   | 86.112 | ng/ul  | 93       |
| 22) Nitrobenzene              | 9.322  | 77   | 675388   | 83.239 | ng/ul  | 94       |
| 23) Isophorone                | 9.858  | 82   | 1322143  | 82.529 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 10.040 | 139  | 312783   | 76.218 | ng/ul  | 92       |
| 26) 2,4-Dimethylphenol        | 10.099 | 107  | 675853   | 79.494 | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.340 | 93   | 819478   | 83.588 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.575 | 162  | 567912   | 84.681 | ng/ul  | 96       |
| 30) Naphthalene               | 10.987 | 128  | 1929883  | 80.954 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.099 | 127  | 827827   | 78.829 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.269 | 225  | 326582   | 84.817 | ng/ul  | 98       |
| 34) Caprolactam               | 11.869 | 113  | 188954m  | 72.150 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.216 | 107  | 594816   | 75.114 | ng/ul  | 98       |

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| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.593 | 142  | 1272581  | 78.960  | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.810 | 142  | 1257876  | 76.482  | ng/ul  | 92       |
| 39) 1,2,4,5-Tetrachloroben... | 12.951 | 216  | 608731   | 92.057  | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.934 | 237  | 386575   | 96.104  | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.193 | 196  | 386440   | 84.755  | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.263 | 196  | 432719   | 85.691  | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.599 | 154  | 1617654  | 84.260  | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.640 | 162  | 1243926  | 85.409  | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 13.840 | 65   | 334382   | 73.798  | ng/ul  | 91       |
| 47) Dimethylphthalate         | 14.216 | 163  | 1482262  | 78.050  | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.334 | 165  | 291608   | 78.535  | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.481 | 152  | 1984602  | 81.934  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.663 | 138  | 290996   | 74.131  | ng/ul# | 98       |
| 52) Acenaphthene              | 14.822 | 153  | 1272977  | 80.458  | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.863 | 184  | 120280   | 50.595  | ng/ul  | 98       |
| 55) 4-Nitrophenol             | 14.969 | 109  | 221538   | 68.656  | ng/ul  | 91       |
| 56) Dibenzofuran              | 15.157 | 168  | 1805945  | 81.020  | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.116 | 165  | 405800   | 73.811  | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.381 | 232  | 325919   | 82.220  | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.581 | 149  | 1482152  | 75.804  | ng/ul  | 97       |
| 61) Fluorene                  | 15.810 | 166  | 1374098  | 79.223  | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.798 | 204  | 634952   | 79.492  | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.828 | 138  | 257243   | 70.130  | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.875 | 198  | 189919   | 62.091  | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 16.010 | 169  | 1230639  | 82.421  | ng/ul  | 95       |
| 68) 4-Bromophenyl-phenylether | 16.698 | 248  | 403689   | 89.004  | ng/ul  | 99       |
| 69) Hexachlorobenzene         | 16.804 | 284  | 458415   | 87.926  | ng/ul  | 95       |
| 70) Atrazine                  | 16.969 | 200  | 429346   | 82.413  | ng/ul  | 97       |
| 71) Pentachlorophenol         | 17.151 | 266  | 272799   | 84.009  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.551 | 178  | 2175653  | 79.156  | ng/ul  | 99       |
| 74) Anthracene                | 17.645 | 178  | 2199231  | 79.574  | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.557 | 216  | 626912   | 89.889  | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 15.069 | 250  | 557343   | 90.419  | ng/uL  | 100      |
| 77) Carbazole                 | 17.916 | 167  | 2060687  | 81.958  | ng/ul  | 96       |
| 78) Di-n-butylphthalate       | 18.481 | 149  | 2601393  | 83.438  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.563 | 202  | 2451329  | 76.537  | ng/ul# | 93       |
| 82) Pyrene                    | 19.928 | 202  | 2497725  | 76.014  | ng/ul# | 92       |
| 83) Butylbenzylphthalate      | 20.828 | 149  | 1149707  | 77.747  | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.616 | 252  | 790308   | 84.589  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.680 | 228  | 2415164  | 78.188  | ng/ul  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.616 | 149  | 1600315  | 76.700  | ng/ul  | 100      |
| 87) Chrysene                  | 21.739 | 228  | 2282430  | 75.528  | ng/ul  | 95       |
| 89) Di-n-octyl phthalate      | 22.592 | 149  | 2974120  | 71.732  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.463 | 252  | 2610768  | 81.659  | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.522 | 252  | 2413858  | 79.312  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.139 | 252  | 2507477  | 81.023  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.939 | 276  | 3085090  | 96.891  | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 26.974 | 278  | 2643227  | 97.190  | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.774 | 276  | 2716402  | 101.023 | ng/ul  | 96       |

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

**Instrument :**

BNA\_N

**ClientSampleId :**

SSTD080228

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