

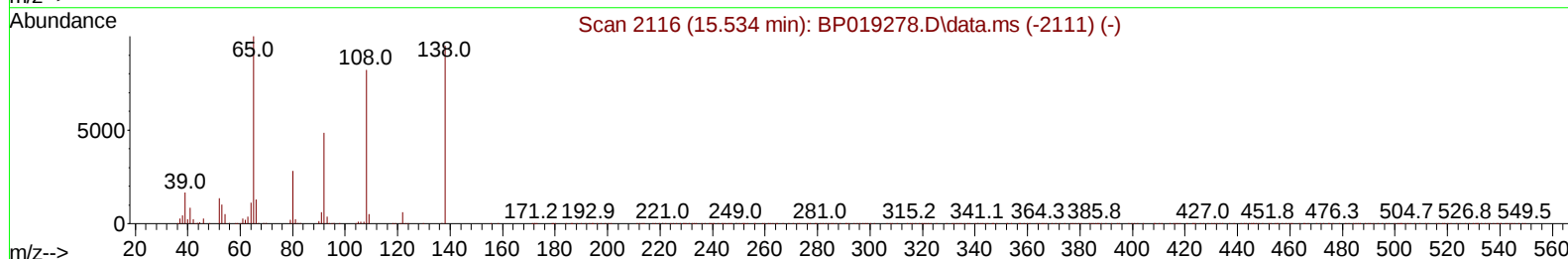
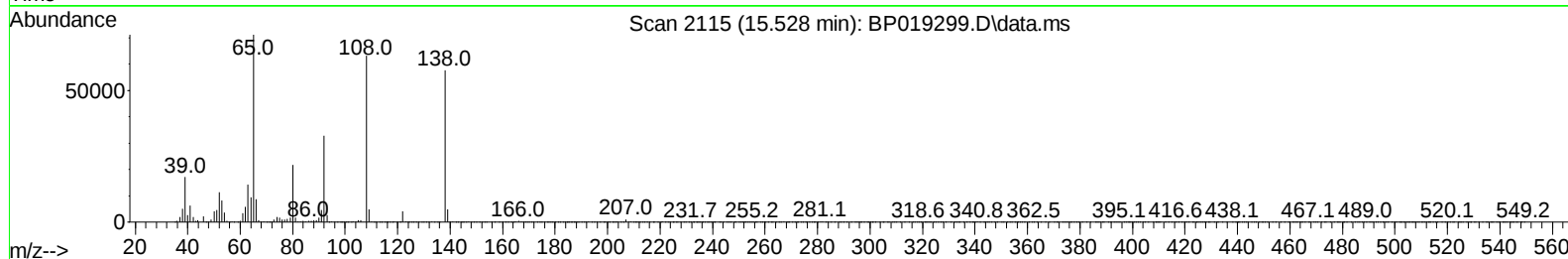
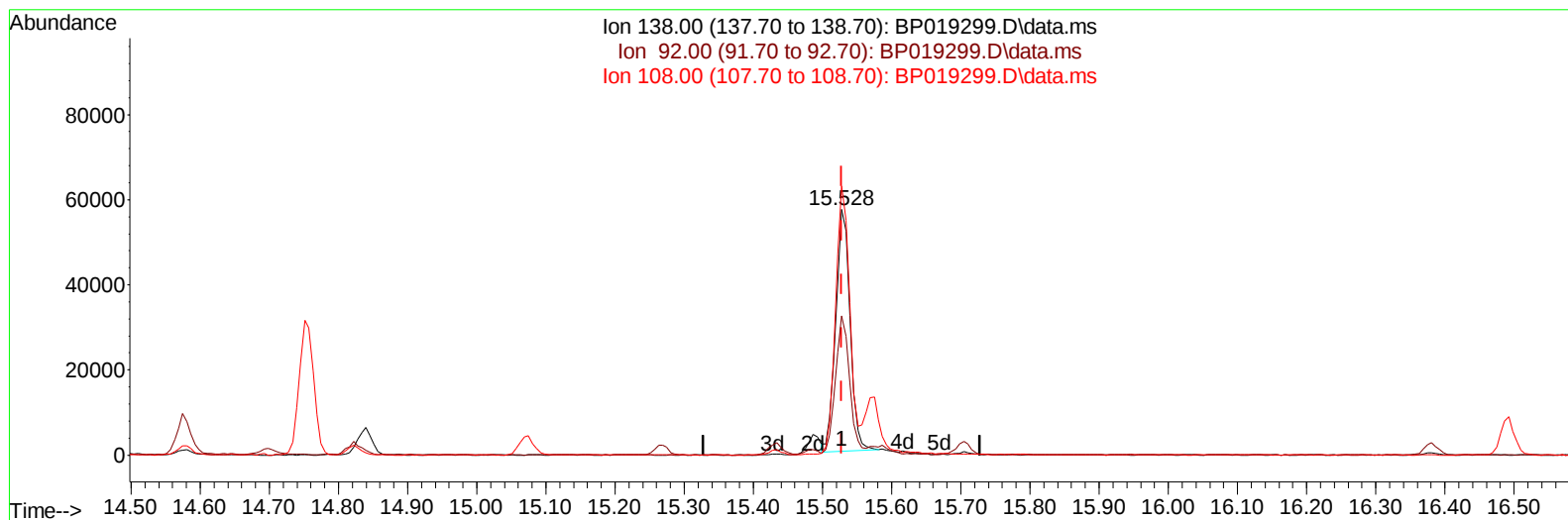
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010524\  
 Data File : BP019299.D  
 Acq On : 06 Jan 2024 01:34  
 Operator : MA/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jan 06 02:04:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 03:48:11 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/08/2024  
 Supervised By :mohammad ahmed 01/08/2024



TIC: BP019299.D\data.ms

**(63) 4-Nitroaniline**

**15.528min (-0.000) 19.69 ng/ul**

**response 81626**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 138.00 | 100.00 | 100.00  |
| 92.00  | 52.80  | 56.66   |
| 108.00 | 82.80  | 109.54# |
| 0.00   | 0.00   | 0.00    |

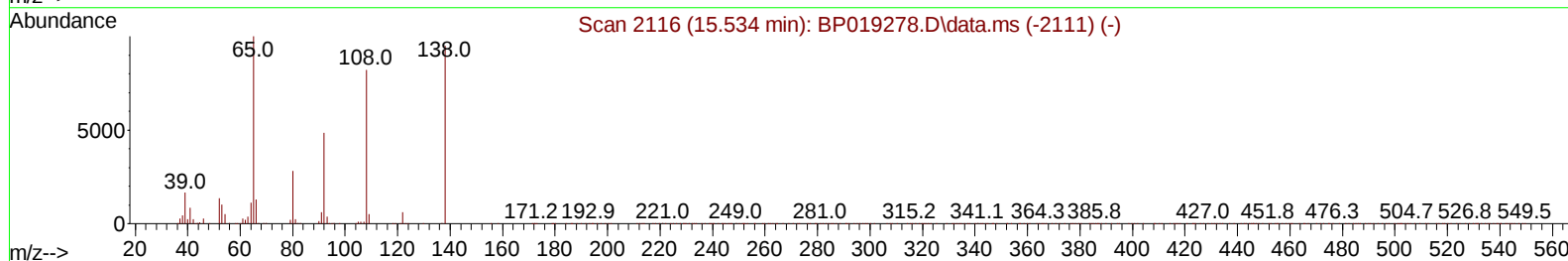
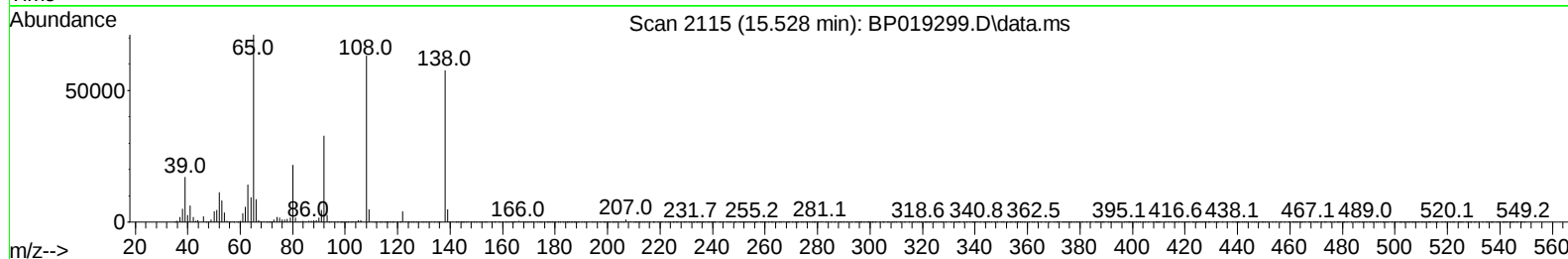
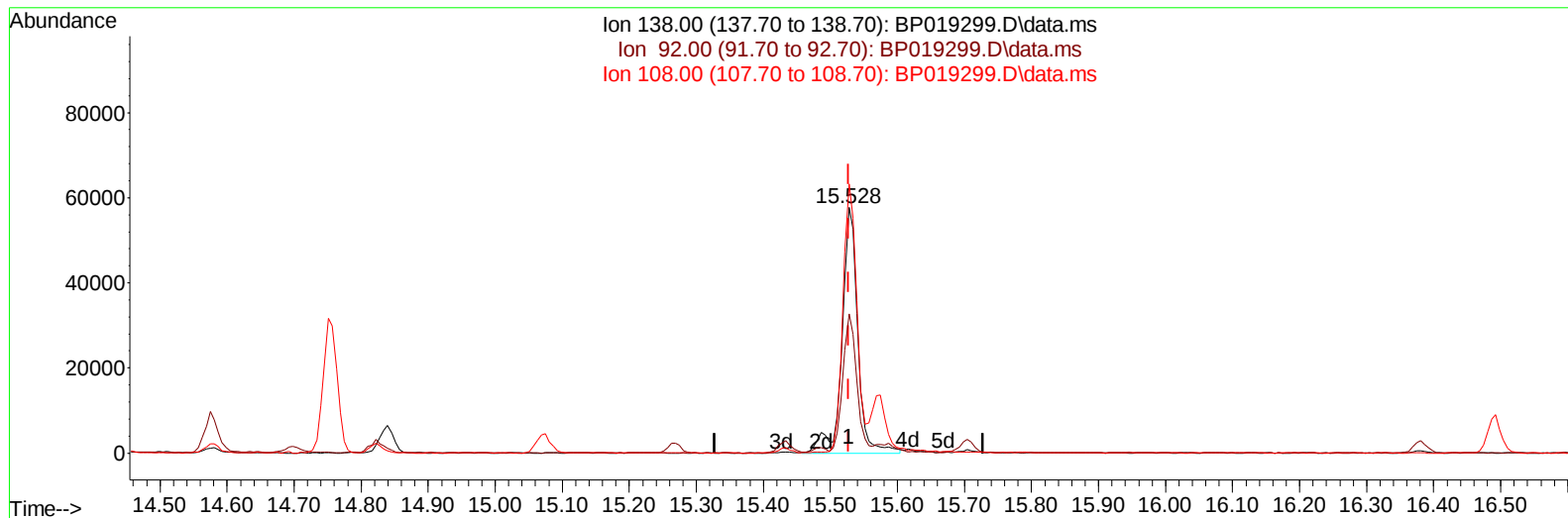
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TIC: BP019299.D\data.ms

**(63) 4-Nitroaniline**

**15.528min (-0.000) 22.76 ng/ul m**

**response 94335**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 138.00 | 100.00 | 100.00  |
| 92.00  | 52.80  | 56.66   |
| 108.00 | 82.80  | 109.54# |
| 0.00   | 0.00   | 0.00    |

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 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Jan 06 02:58:40 2024  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 105882   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.587 | 136  | 390277   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.439 | 164  | 263063   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 649015   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.298 | 240  | 747624   | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 23.663 | 264  | 893229   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 21882    | 7.058  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.652  | 84   | 157908   | 20.293 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.981  | 99   | 193763   | 20.406 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 109521   | 19.938 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.328  | 132  | 151133   | 19.743 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.522  | 113  | 151924   | 20.551 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.957  | 128  | 72147    | 21.385 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 79974    | 21.934 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.222 | 165  | 154694   | 21.011 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.740 | 131  | 182850   | 20.191 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 454423   | 19.557 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 508906   | 20.185 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.681 | 143  | 80143    | 20.425 | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.434 | 176  | 401113   | 19.982 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 88629    | 20.831 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.292 | 188  | 676546   | 19.961 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.539 | 212  | 888422   | 19.499 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.510 | 264  | 988326   | 19.250 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.264  | 88   | 23994    | 7.039  | ng/uL# | 95       |
| 5) Pyridine                   | 3.669  | 79   | 157540   | 19.945 | ng/ul  | 92       |
| 6) Benzaldehyde               | 6.940  | 77   | 92268    | 20.929 | ng/ul  | 97       |
| 8) Phenol                     | 7.010  | 94   | 194335   | 20.721 | ng/ul# | 91       |
| 10) Bis(2-Chloroethyl)ether   | 7.228  | 93   | 145104   | 19.122 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.357  | 128  | 151189   | 19.297 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.257  | 108  | 142917   | 20.599 | ng/ul  | 95       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.322  | 45   | 186738   | 20.861 | ng/ul  | 99       |
| 16) Acetophenone              | 8.622  | 105  | 235092   | 21.234 | ng/ul  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 116670   | 21.132 | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.587  | 108  | 153020   | 20.490 | ng/ul  | 97       |
| 19) Hexachloroethane          | 8.863  | 117  | 63470    | 19.314 | ng/ul  | 91       |
| 22) Nitrobenzene              | 9.004  | 77   | 178484   | 21.655 | ng/ul  | 97       |
| 23) Isophorone                | 9.528  | 82   | 323324   | 21.754 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.710  | 139  | 82106    | 21.091 | ng/ul  | 95       |
| 26) 2,4-Dimethylphenol        | 9.781  | 107  | 148565   | 21.677 | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 10.010 | 93   | 176250   | 17.941 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.251 | 162  | 145257   | 20.189 | ng/ul  | 98       |
| 30) Naphthalene               | 10.640 | 128  | 448547   | 19.062 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.763 | 127  | 177956   | 20.478 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.916 | 225  | 118006   | 21.312 | ng/ul  | 96       |
| 34) Caprolactam               | 11.563 | 113  | 40812    | 21.475 | ng/ul  | 89       |
| 35) 4-Chloro-3-methylphenol   | 11.910 | 107  | 156623   | 22.176 | ng/ul  | 96       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.251 | 142  | 313226   | 19.743 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.475 | 142  | 316724   | 19.797 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 209573   | 19.343 | ng/ul  | 100      |
| 40) Hexachlorocyclopentadiene | 12.593 | 237  | 106786   | 17.757 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.875 | 196  | 133576   | 20.659 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 12.957 | 196  | 144133   | 21.000 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.269 | 154  | 431557   | 18.806 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.310 | 162  | 350520   | 19.036 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.534 | 65   | 103814   | 23.485 | ng/ul  | 89       |
| 47) Dimethylphthalate         | 13.904 | 163  | 448356   | 19.548 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.028 | 165  | 89802    | 21.307 | ng/ul  | 90       |
| 50) Acenaphthylene            | 14.157 | 152  | 559020   | 19.707 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.363 | 138  | 89864    | 21.810 | ng/ul  | 97       |
| 52) Acenaphthene              | 14.504 | 153  | 371628   | 19.330 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.575 | 184  | 58996    | 21.727 | ng/ul  | 93       |
| 55) 4-Nitrophenol             | 14.698 | 109  | 81005    | 25.833 | ng/ul# | 84       |
| 56) Dibenzofuran              | 14.839 | 168  | 529379   | 19.282 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.822 | 165  | 139670   | 22.533 | ng/ul# | 87       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.075 | 232  | 134341   | 22.403 | ng/ul# | 98       |
| 59) Diethylphthalate          | 15.269 | 149  | 444516   | 19.988 | ng/ul  | 99       |
| 61) Fluorene                  | 15.486 | 166  | 438809   | 19.969 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204  | 246738   | 20.560 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.528 | 138  | 94335m   | 22.756 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.586 | 198  | 92471    | 20.527 | ng/ul# | 93       |
| 67) N-Nitrosodiphenylamine    | 15.704 | 169  | 377117   | 19.039 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.381 | 248  | 167766   | 20.797 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.492 | 284  | 207618   | 21.060 | ng/ul  | 97       |
| 70) Atrazine                  | 16.669 | 200  | 108647   | 19.436 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.851 | 266  | 127949   | 22.106 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.239 | 178  | 749198   | 19.048 | ng/ul  | 100      |
| 74) Anthracene                | 17.328 | 178  | 765574   | 19.552 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.234 | 216  | 207607   | 18.397 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 223841   | 19.962 | ng/uL  | 99       |
| 77) Carbazole                 | 17.610 | 167  | 685198   | 21.038 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.157 | 149  | 807584   | 19.993 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.216 | 202  | 997284   | 19.074 | ng/ul# | 95       |
| 82) Pyrene                    | 19.569 | 202  | 1046166  | 19.098 | ng/ul  | 95       |
| 83) Butylbenzylphthalate      | 20.445 | 149  | 409273   | 20.916 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.221 | 252  | 402720   | 21.533 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.286 | 228  | 1146936  | 19.417 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.204 | 149  | 601618   | 20.880 | ng/ul  | 100      |
| 87) Chrysene                  | 21.333 | 228  | 1051989  | 19.099 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.116 | 149  | 1051641  | 20.588 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.945 | 252  | 1203280  | 19.178 | ng/ul# | 98       |
| 91) Benzo(k)fluoranthene      | 22.992 | 252  | 1140744  | 18.503 | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 23.563 | 252  | 1113922  | 18.863 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.121 | 276  | 1415832  | 18.703 | ng/ul# | 94       |
| 95) Dibenzo(a,h)anthracene    | 26.139 | 278  | 1186769  | 18.845 | ng/ul# | 97       |
| 96) Benzo(g,h,i)perylene      | 26.874 | 276  | 1133171  | 18.679 | ng/ul# | 95       |

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

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**LabSampleId :**  
SSTDCCC020EC

**Manual IntegrationsAPPROVED**

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