

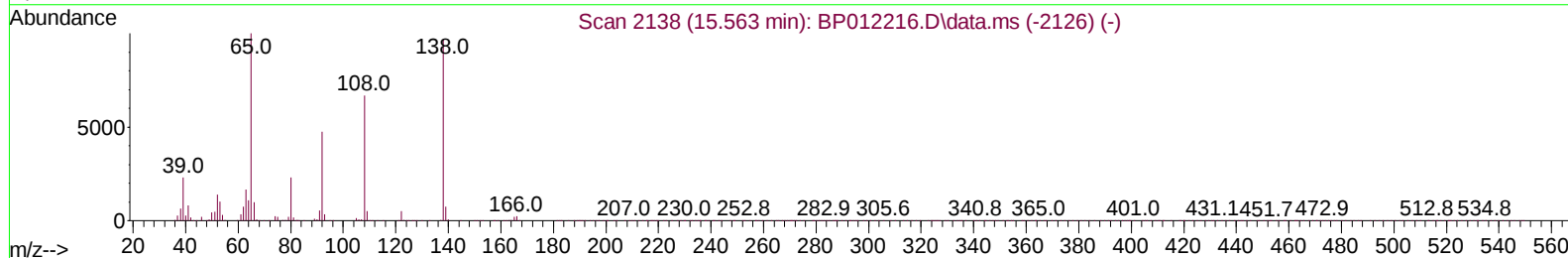
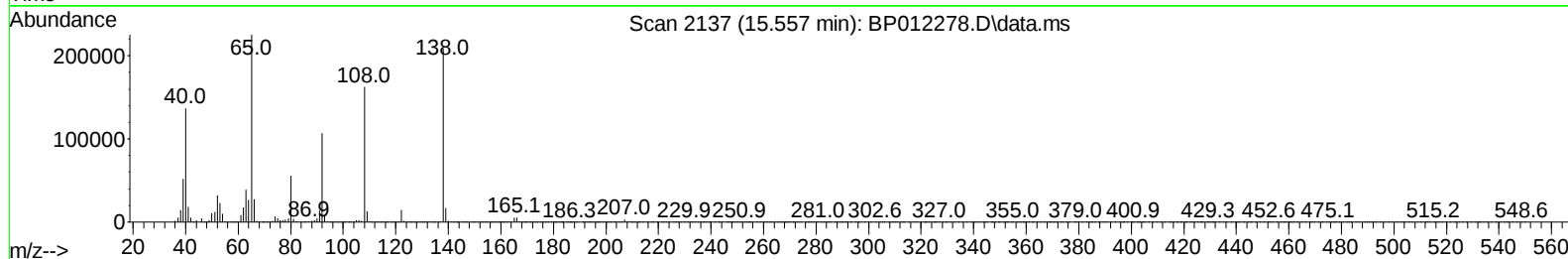
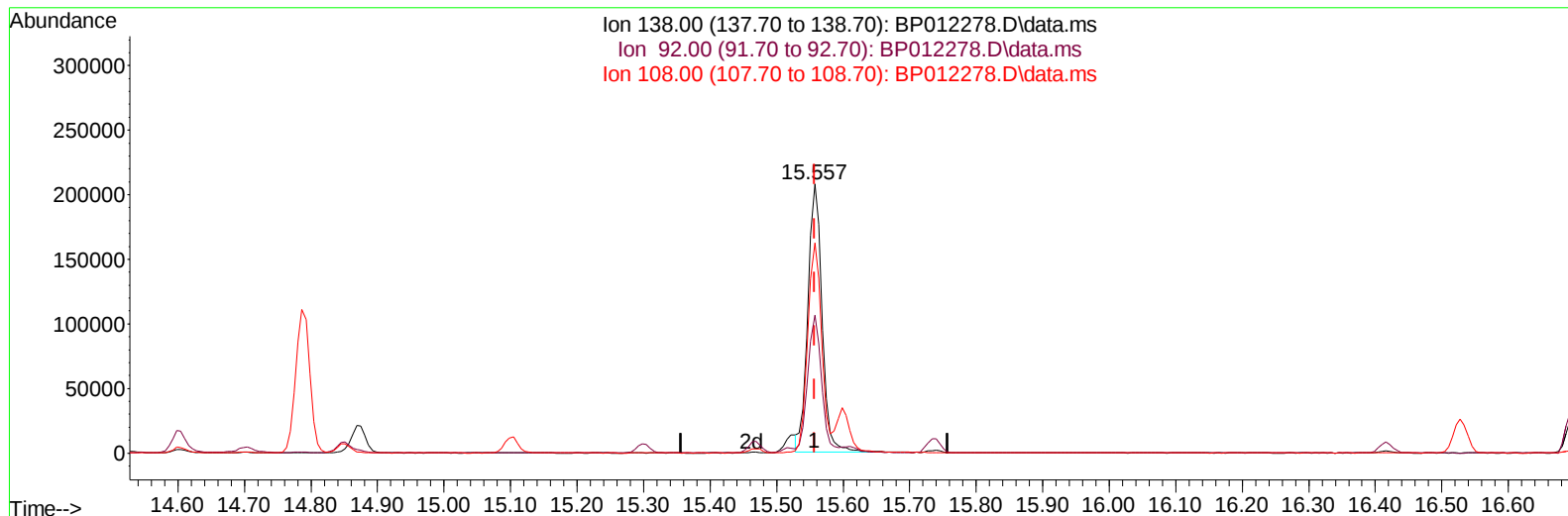
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102422\  
 Data File : BP012278.D  
 Acq On : 24 Oct 2022 11:04  
 Operator : CG/JU  
 Sample : PB148414BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS414

Manual IntegrationsAPPROVED

Quant Time: Oct 25 05:36:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 22 01:24:49 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 10/25/2022  
 Supervised By :mohammad ahmed 10/27/2022



TIC: BP012278.D\data.ms

**(63) 4-Nitroaniline**

**15.557min (-0.000) 25.59 ng/ul**

**response 307343**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 52.00  | 51.21  |
| 108.00 | 71.30  | 78.11  |
| 0.00   | 0.00   | 0.00   |

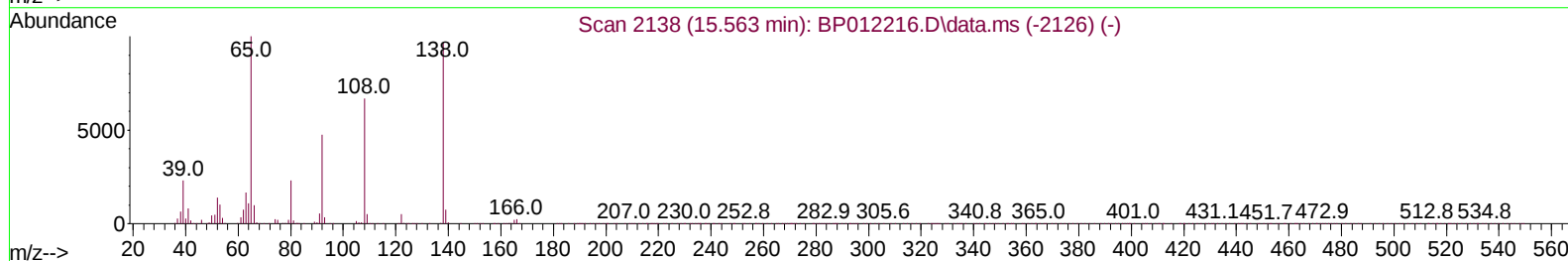
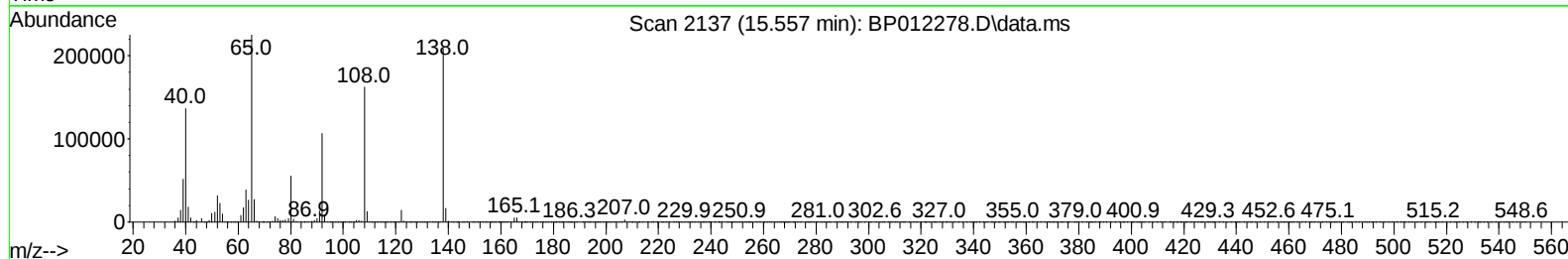
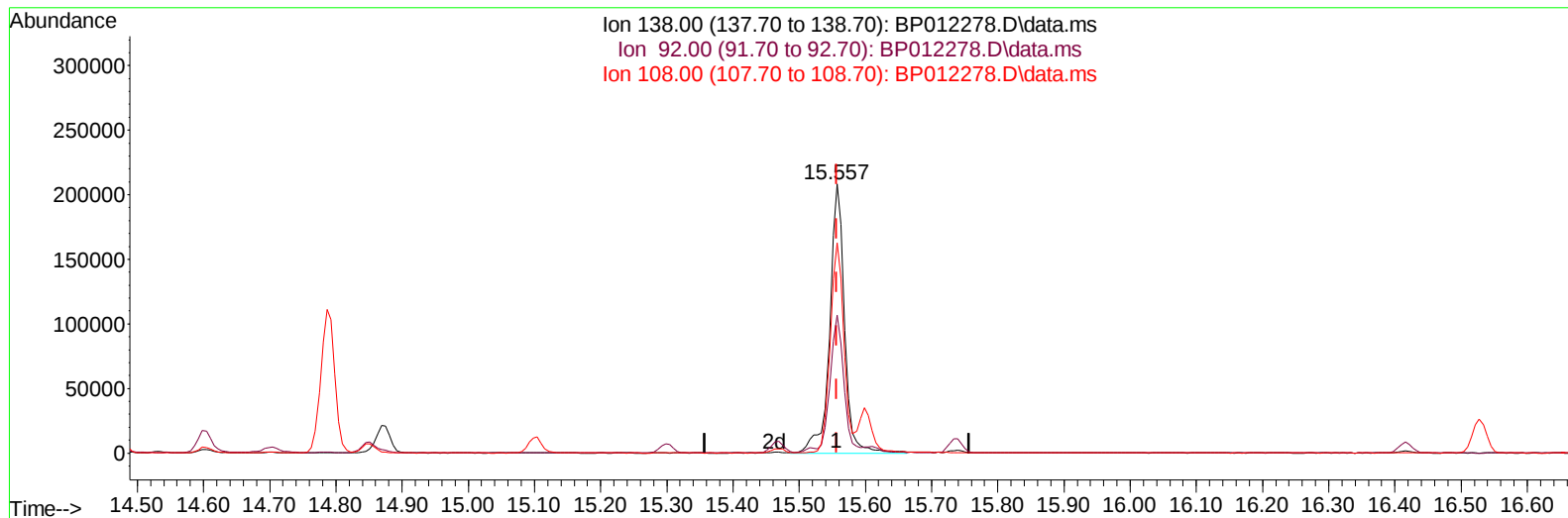
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TIC: BP012278.D\data.ms

**(63) 4-Nitroaniline**

**15.557min (-0.000) 27.32 ng/ul m**

**response 328117**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 52.00  | 51.21  |
| 108.00 | 71.30  | 78.11  |
| 0.00   | 0.00   | 0.00   |

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 Sample : PB148414BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 349780   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.628 | 136  | 1472947  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.469 | 164  | 868970   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.233 | 188  | 1530963  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.321 | 240  | 1254854  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.727 | 264  | 1390295  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 44788    | 5.182  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 302837   | 12.160 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.993  | 99   | 825401   | 27.334 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.158  | 67   | 483677   | 26.411 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.352  | 132  | 648403   | 28.210 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 635353   | 27.072 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 325004   | 29.809 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 346594   | 29.464 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.251 | 165  | 623274   | 28.247 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 460141   | 14.678 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 1704247  | 28.194 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.163 | 160  | 1979956  | 28.696 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 246193   | 21.740 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.469 | 176  | 1407852  | 27.073 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200  | 185511   | 21.300 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.333 | 188  | 1936952  | 28.864 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.569 | 212  | 1926005  | 26.958 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.568 | 264  | 2028997  | 29.102 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.293  | 88   | 91579    | 9.846  | ng/uL  | 100      |
| 5) Pyridine                   | 3.699  | 79   | 524859   | 21.441 | ng/ul  | 94       |
| 6) Benzaldehyde               | 6.969  | 77   | 514122   | 36.223 | ng/ul  | 97       |
| 8) Phenol                     | 7.022  | 94   | 821327   | 25.998 | ng/ul  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.252  | 93   | 655415   | 25.704 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.387  | 128  | 657810   | 26.524 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.269  | 108  | 620056   | 26.070 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.357  | 45   | 794986   | 23.445 | ng/ul  | 97       |
| 16) Acetophenone              | 8.652  | 105  | 967986   | 26.701 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.640  | 70   | 466414   | 25.416 | ng/ul  | 98       |
| 18) 4-Methylphenol            | 8.604  | 108  | 673385   | 25.997 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.893  | 117  | 255455   | 26.077 | ng/ul  | 99       |
| 22) Nitrobenzene              | 9.034  | 77   | 726198   | 27.337 | ng/ul  | 98       |
| 23) Isophorone                | 9.563  | 82   | 1335074  | 26.185 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.746  | 139  | 370715   | 27.738 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.804  | 107  | 720833   | 27.362 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.046 | 93   | 874176   | 26.191 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.275 | 162  | 615990   | 26.977 | ng/ul  | 97       |
| 30) Naphthalene               | 10.675 | 128  | 2056221  | 26.102 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.799 | 127  | 759662   | 23.477 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 10.951 | 225  | 411215   | 28.633 | ng/ul  | 99       |
| 34) Caprolactam               | 11.593 | 113  | 173561   | 24.486 | ng/ul  | 95       |
| 35) 4-Chloro-3-methylphenol   | 11.922 | 107  | 620431   | 25.167 | ng/ul  | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.287 | 142  | 1370276  | 25.566 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.510 | 142  | 1357983  | 25.374 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.657 | 216  | 750113   | 28.409 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.628 | 237  | 228932   | 16.308 | ng/ul | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.904 | 196  | 451362   | 26.487 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.975 | 196  | 485482   | 26.116 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.304 | 154  | 1764787  | 27.306 | ng/ul | 98       |
| 44) 2-Chloronaphthalene       | 13.345 | 162  | 1384501  | 27.020 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.563 | 65   | 379413   | 27.852 | ng/ul | 99       |
| 47) Dimethylphthalate         | 13.934 | 163  | 1694965  | 26.760 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.057 | 165  | 343605   | 28.350 | ng/ul | 98       |
| 50) Acenaphthylene            | 14.192 | 152  | 2076742  | 27.013 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.392 | 138  | 354363   | 27.699 | ng/ul | 95       |
| 52) Acenaphthene              | 14.534 | 153  | 1416306  | 26.050 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.604 | 184  | 101835   | 13.993 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.704 | 109  | 188724   | 22.431 | ng/ul | 91       |
| 56) Dibenzofuran              | 14.875 | 168  | 1953278  | 26.243 | ng/ul | 97       |
| 57) 2,4-Dinitrotoluene        | 14.851 | 165  | 452453   | 26.158 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.104 | 232  | 376358   | 23.948 | ng/ul | 99       |
| 59) Diethylphthalate          | 15.298 | 149  | 1666985  | 26.777 | ng/ul | 99       |
| 61) Fluorene                  | 15.522 | 166  | 1507235  | 25.560 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.516 | 204  | 782636   | 26.633 | ng/ul | 95       |
| 63) 4-Nitroaniline            | 15.557 | 138  | 328117m  | 27.321 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.616 | 198  | 195346   | 21.366 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.739 | 169  | 1327756  | 29.881 | ng/ul | 98       |
| 68) 4-Bromophenyl-phenylether | 16.416 | 248  | 508366   | 31.362 | ng/ul | 97       |
| 69) Hexachlorobenzene         | 16.528 | 284  | 585384   | 30.637 | ng/ul | 99       |
| 70) Atrazine                  | 16.698 | 200  | 263528   | 16.989 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.881 | 266  | 233774   | 20.269 | ng/ul | 98       |
| 72) Phenanthrene              | 17.275 | 178  | 2217575  | 26.950 | ng/ul | 100      |
| 74) Anthracene                | 17.369 | 178  | 2212783  | 27.180 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.269 | 216  | 769285   | 33.674 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.792 | 250  | 720304   | 29.933 | ng/uL | 99       |
| 77) Carbazole                 | 17.639 | 167  | 1879809  | 26.163 | ng/ul | 99       |
| 78) Di-n-butylphthalate       | 18.186 | 149  | 2533651  | 29.395 | ng/ul | 99       |
| 80) Fluoranthene              | 19.245 | 202  | 2289847  | 25.937 | ng/ul | 96       |
| 82) Pyrene                    | 19.598 | 202  | 2330949  | 25.806 | ng/ul | 94       |
| 83) Butylbenzylphthalate      | 20.469 | 149  | 915326   | 26.055 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.245 | 252  | 766661   | 28.052 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.310 | 228  | 2255531  | 27.579 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.227 | 149  | 1203680  | 24.456 | ng/ul | 99       |
| 87) Chrysene                  | 21.363 | 228  | 2118642  | 27.761 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.151 | 149  | 2100626  | 21.845 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.992 | 252  | 2423129  | 26.152 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.039 | 252  | 2363920  | 25.883 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 23.621 | 252  | 2151769  | 27.158 | ng/ul | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.221 | 276  | 2840294  | 30.967 | ng/ul | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.239 | 278  | 2466594  | 29.829 | ng/ul | 98       |
| 96) Benzo(g,h,i)perylene      | 26.992 | 276  | 2284885  | 26.531 | ng/ul | 98       |

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

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BNA\_P

**ClientSampleId :**

SLCS414

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