

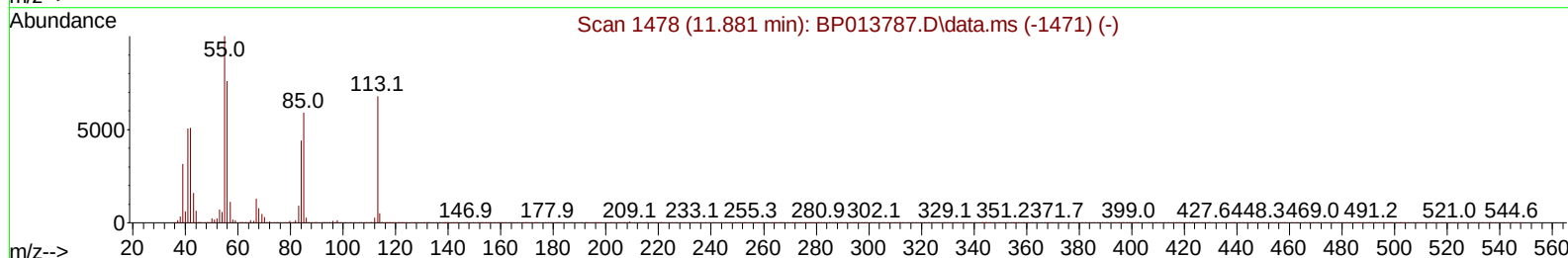
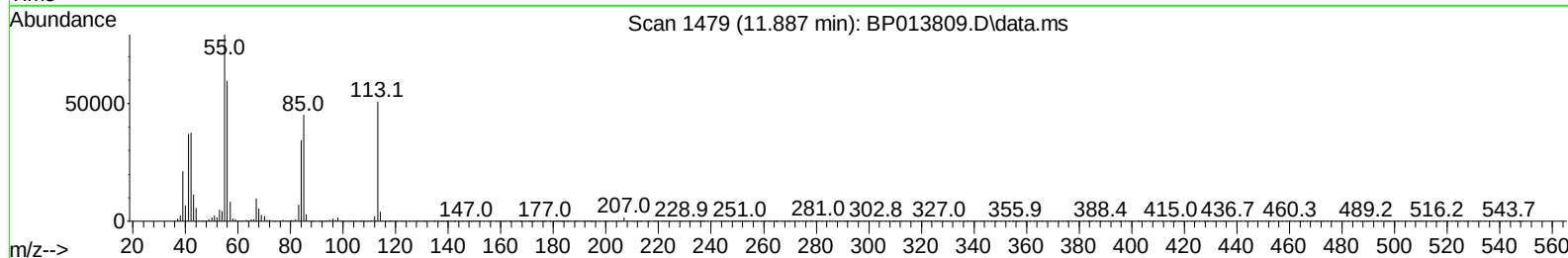
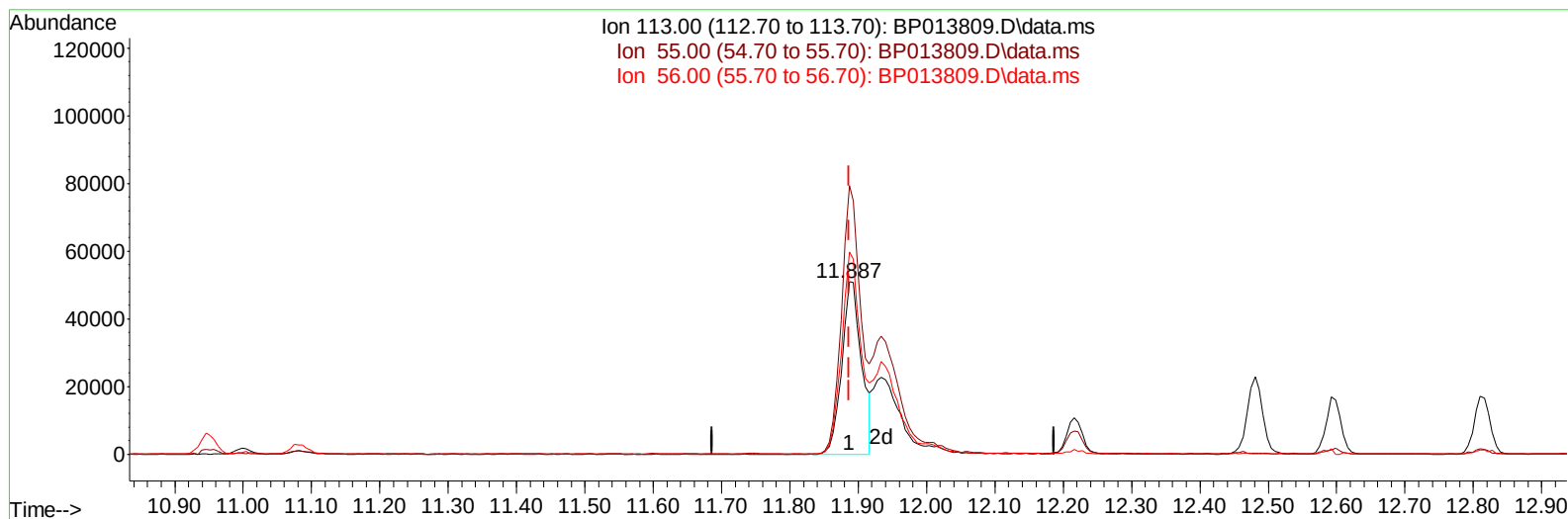
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020923\  
 Data File : BP013809.D  
 Acq On : 09 Feb 2023 11:48  
 Operator : CG/JU  
 Sample : PB150744BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SLCS744

Manual IntegrationsAPPROVED

Quant Time: Feb 09 13:17:40 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP020723.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 08 00:37:14 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/09/2023  
 Supervised By :Sohil Jodhani 02/09/2023



TIC: BP013809.D\data.ms

**(34) Caprolactam**

**11.887min (-0.000) 19.27 ng/ul**

**response 102045**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 151.10 | 155.65 |
| 56.00  | 117.30 | 117.10 |
| 0.00   | 0.00   | 0.00   |

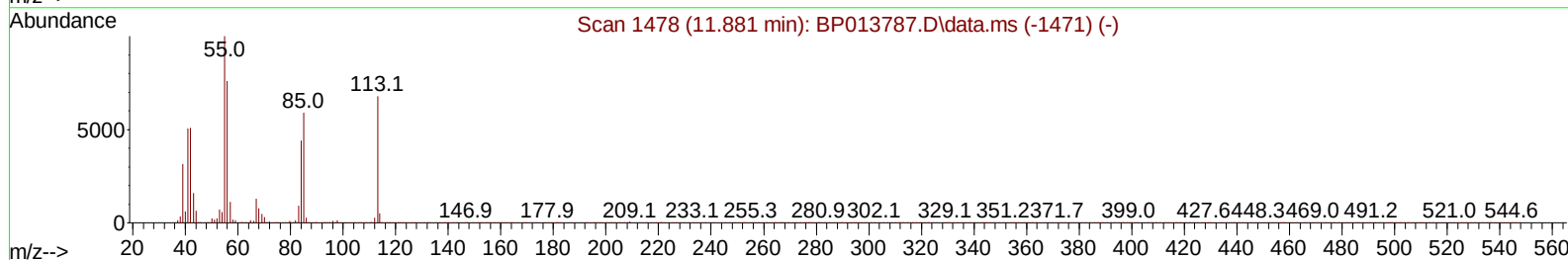
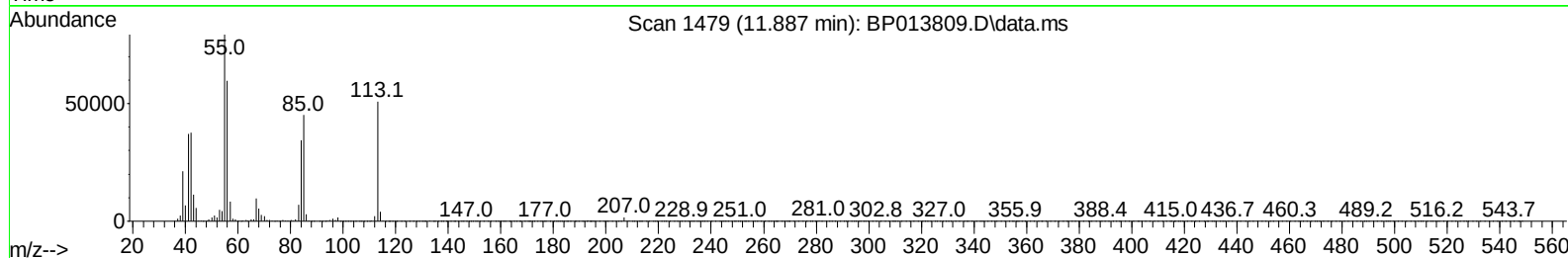
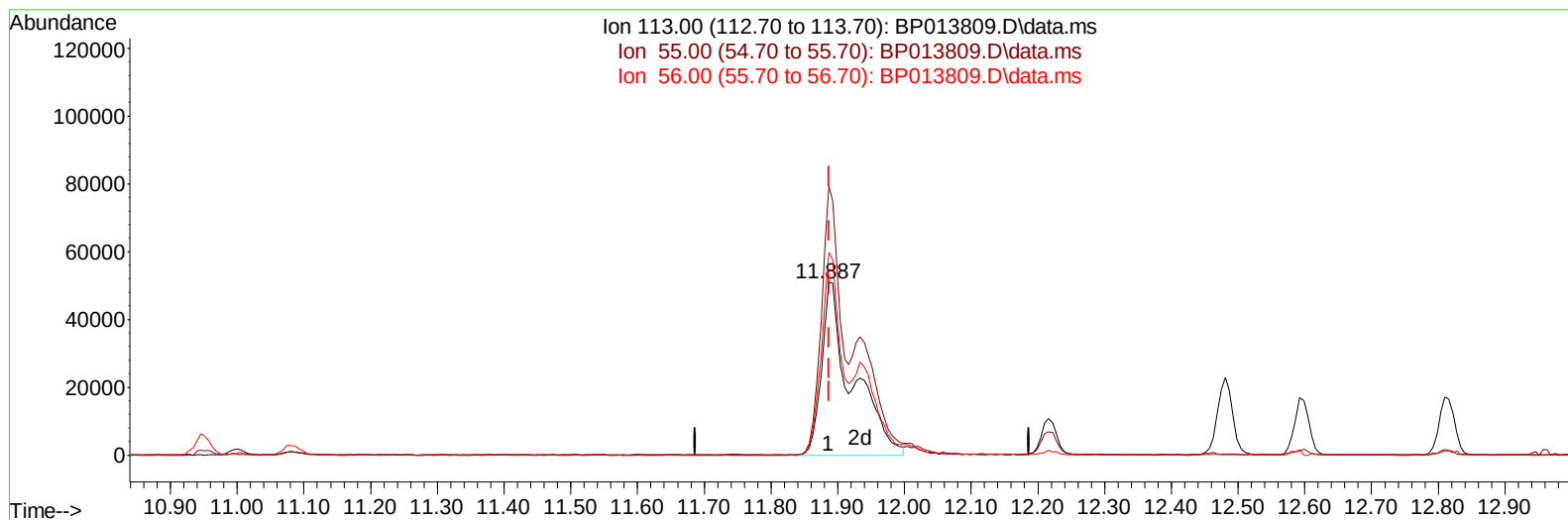
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TIC: BP013809.D\data.ms

**(34) Caprolactam**

**11.887min (-0.000) 30.74 ng/ul m**

**response 162786**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 151.10 | 155.65 |
| 56.00  | 117.30 | 117.10 |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.122  | 152  | 210169   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.951 | 136  | 936352   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.757 | 164  | 645286   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.516 | 188  | 1621437  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.592 | 240  | 1508393  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.157 | 264  | 1398176  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.469  | 96   | 28163    | 5.554  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.899  | 84   | 385205   | 25.624 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.269  | 99   | 543686   | 29.034 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.440  | 67   | 314748   | 28.684 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.646  | 132  | 409351   | 29.696 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.828  | 113  | 470490   | 30.740 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.293  | 128  | 211299   | 32.433 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.022 | 143  | 243853   | 32.418 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.563 | 165  | 466875   | 30.457 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.081 | 131  | 488821   | 22.497 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.163 | 166  | 1488797  | 29.293 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.457 | 160  | 1613480  | 29.327 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.945 | 143  | 268797   | 29.687 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.751 | 176  | 1296526  | 29.949 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.863 | 200  | 275563   | 27.702 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.610 | 188  | 2165914  | 29.213 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.827 | 212  | 2561724  | 29.948 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.986 | 264  | 2129585  | 30.397 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.505  | 88   | 59398    | 10.912 | ng/uL  | 99       |
| 5) Pyridine                   | 3.922  | 79   | 398940   | 26.853 | ng/ul  | 96       |
| 6) Benzaldehyde               | 7.252  | 77   | 320418   | 37.944 | ng/ul  | 97       |
| 8) Phenol                     | 7.293  | 94   | 573877   | 29.855 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.534  | 93   | 441960   | 28.693 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.681  | 128  | 429465   | 30.364 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.557  | 108  | 435518   | 29.683 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.646  | 45   | 535368   | 30.556 | ng/ul  | 98       |
| 16) Acetophenone              | 8.951  | 105  | 747144   | 30.439 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.940  | 70   | 378373   | 31.041 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.893  | 108  | 508415   | 31.386 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.216  | 117  | 177665   | 30.675 | ng/ul  | 96       |
| 22) Nitrobenzene              | 9.340  | 77   | 543431   | 31.705 | ng/ul  | 97       |
| 23) Isophorone                | 9.869  | 82   | 1100605  | 30.436 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 10.057 | 139  | 267486   | 32.809 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 10.104 | 107  | 556840   | 30.676 | ng/ul  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.346 | 93   | 673368   | 30.835 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.587 | 162  | 464097   | 30.753 | ng/ul  | 97       |
| 30) Naphthalene               | 10.998 | 128  | 1426333  | 28.615 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.104 | 127  | 489054   | 22.326 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.281 | 225  | 314872   | 29.619 | ng/ul  | 98       |
| 34) Caprolactam               | 11.887 | 113  | 162786m  | 30.741 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.216 | 107  | 547644   | 31.433 | ng/ul  | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.592 | 142  | 1049116  | 29.936 | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.816 | 142  | 1043290  | 28.812 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.957 | 216  | 624686   | 30.720 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.940 | 237  | 365436   | 27.988 | ng/ul  | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.192 | 196  | 411447   | 30.834 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.269 | 196  | 450550   | 31.193 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.592 | 154  | 1414812  | 29.220 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.639 | 162  | 1132032  | 29.719 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.839 | 65   | 306414   | 33.398 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.210 | 163  | 1508077  | 29.917 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.334 | 165  | 294538   | 33.443 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.481 | 152  | 1748545  | 29.461 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.663 | 138  | 260693   | 29.939 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.822 | 153  | 1204578  | 28.997 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.863 | 184  | 154092   | 24.535 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.957 | 109  | 236114   | 29.719 | ng/ul  | 100      |
| 56) Dibenzofuran              | 15.157 | 168  | 1728595  | 29.024 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 15.116 | 165  | 438434   | 33.391 | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.381 | 232  | 416866   | 30.620 | ng/ul  | 98       |
| 59) Diethylphthalate          | 15.569 | 149  | 1503734  | 29.707 | ng/ul  | 98       |
| 61) Fluorene                  | 15.804 | 166  | 1464828  | 30.148 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.792 | 204  | 773859   | 30.632 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.828 | 138  | 325982   | 39.534 | ng/ul  | 96       |
| 66) 4,6-Dinitro-2-methylph... | 15.881 | 198  | 274735   | 28.172 | ng/ul# | 94       |
| 67) N-Nitrosodiphenylamine    | 16.010 | 169  | 1297512  | 29.441 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.692 | 248  | 491021   | 28.676 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.810 | 284  | 571672   | 28.652 | ng/ul  | 96       |
| 70) Atrazine                  | 16.963 | 200  | 467325   | 26.516 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.157 | 266  | 375538   | 28.924 | ng/ul  | 99       |
| 72) Phenanthrene              | 17.557 | 178  | 2537729  | 29.577 | ng/ul  | 99       |
| 74) Anthracene                | 17.645 | 178  | 2557229  | 29.623 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.563 | 216  | 612063   | 28.277 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 15.075 | 250  | 616724   | 27.611 | ng/uL  | 99       |
| 77) Carbazole                 | 17.910 | 167  | 2317912  | 30.482 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.439 | 149  | 2687005  | 29.135 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.504 | 202  | 3129960  | 31.963 | ng/ul  | 99       |
| 82) Pyrene                    | 19.857 | 202  | 3132787  | 30.006 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.710 | 149  | 1159195  | 32.441 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.498 | 252  | 972219   | 28.638 | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.574 | 228  | 3100058  | 30.078 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.468 | 149  | 1785236  | 32.627 | ng/ul  | 98       |
| 87) Chrysene                  | 21.633 | 228  | 2949407  | 30.331 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.451 | 149  | 2912246  | 30.270 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.363 | 252  | 2888939  | 30.986 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.415 | 252  | 2789372  | 30.157 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.039 | 252  | 2413157  | 30.539 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.856 | 276  | 2659375  | 30.004 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.880 | 278  | 2226186  | 30.068 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 27.692 | 276  | 2129326  | 30.175 | ng/ul  | 100      |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

SLCS744

**Manual IntegrationsAPPROVED**

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