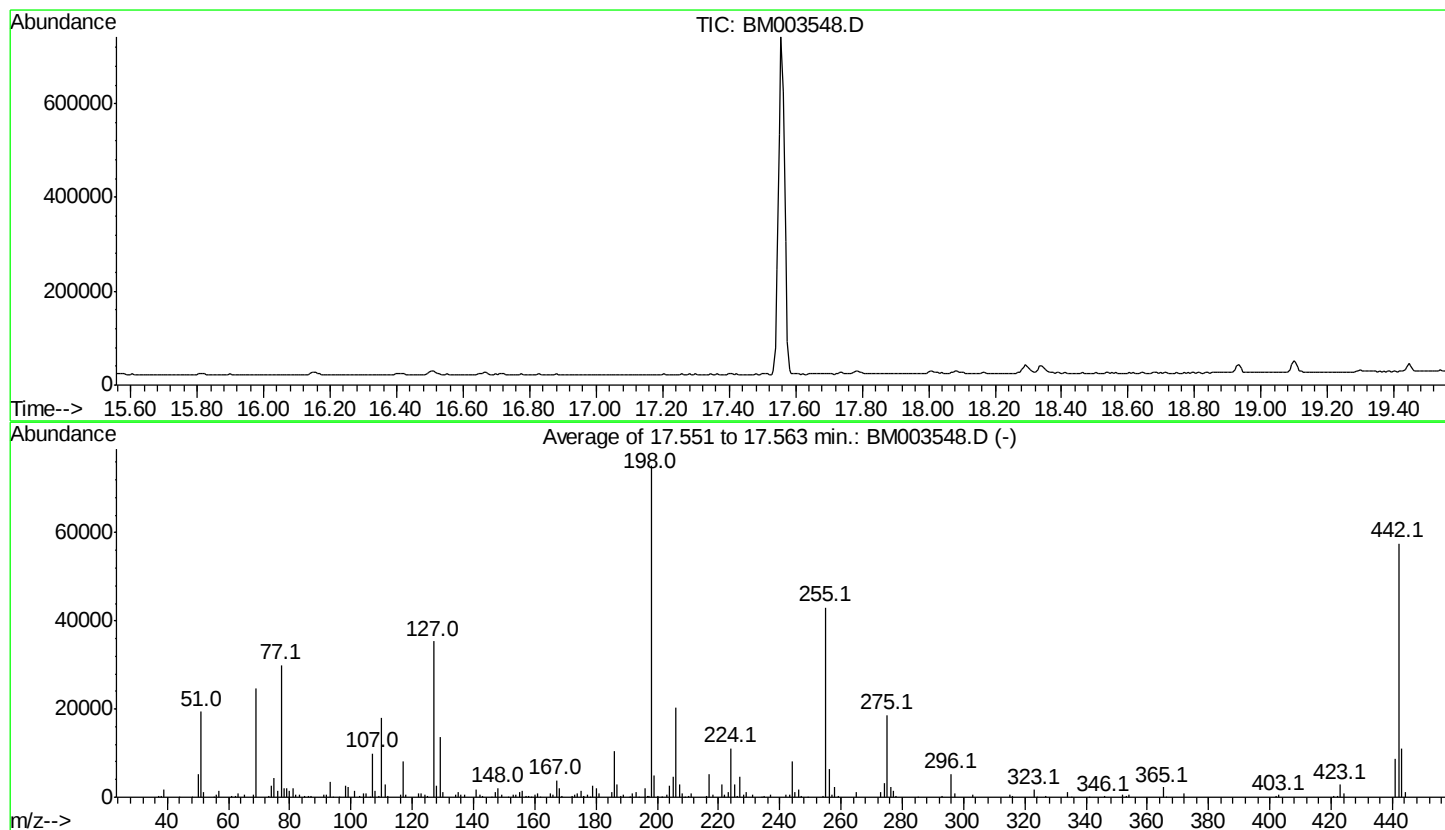


Data Path : Z:\HPCHEM1\BNA M\Data\BM121515\  
Data File : BM003548.D  
Acq On : 15 Dec 2015 10:05  
Operator : UM/IZ  
Sample : DFTPP58  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

Integration File: RTEINT.P

Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-SIM-BM121515.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
Last Update : Wed Dec 16 05:49:57 2015



AutoFind: Scans 2459, 2460, 2461; Background Corrected with Scan 2453

| Target<br>Mass | Rel. to<br>Mass | Lower<br>Limit% | Upper<br>Limit% | Rel.<br>Abn% | Raw<br>Abn | Result<br>Pass/Fail |
|----------------|-----------------|-----------------|-----------------|--------------|------------|---------------------|
| 51             | 198             | 10              | 80              | 25.8         | 19376      | PASS                |
| 68             | 69              | 0.00            | 2               | 2.1          | 510        | FAIL*               |
| 69             | 198             | 0.00            | 100             | 32.9         | 24720      | PASS                |
| 70             | 69              | 0.00            | 2               | 0.0          | 0          | PASS                |
| 127            | 198             | 10              | 80              | 47.0         | 35349      | PASS                |
| 197            | 198             | 0.00            | 1               | 0.4          | 282        | PASS                |
| 198            | 198             | 100             | 100             | 100.0        | 75240      | PASS                |
| 199            | 198             | 5               | 9               | 6.8          | 5082       | PASS                |
| 275            | 198             | 10              | 60              | 24.8         | 18691      | PASS                |
| 365            | 198             | 1               | 100             | 3.0          | 2266       | PASS                |
| 441            | 443             | 0.01            | 100             | 78.9         | 8698       | PASS                |
| 442            | 198             | 50              | 100             | 76.5         | 57533      | PASS                |
| 443            | 442             | 15              | 24              | 19.2         | 11020      | PASS                |

| m/z   | Abundance |
|-------|-----------|
| 41.00 | 536.0     |
| 42.00 | 365.0     |
| 43.00 | 925.0     |
| 44.00 | 518.0     |
| 45.00 | 422.0     |
| 47.00 | 1194.0    |
| 48.00 | 506.0     |
| 49.00 | 5788.0    |
| 51.00 | 1890.0    |
| 55.00 | 329.0     |
| 59.90 | 323.0     |
| 73.00 | 310.0     |
| 84.00 | 5881.0    |
| 84.90 | 312.0     |
| 86.00 | 3654.0    |
| 87.90 | 694.0     |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

| m/z    | Abundance |
|--------|-----------|
| 37.00  | 306.0     |
| 38.10  | 332.0     |
| 39.10  | 1612.0    |
| 41.00  | 450.0     |
| 42.00  | 364.0     |
| 43.00  | 840.0     |
| 44.00  | 633.0     |
| 45.00  | 478.0     |
| 47.00  | 1092.0    |
| 48.00  | 509.0     |
| 49.00  | 5304.0    |
| 50.00  | 5127.0    |
| 51.10  | 20992.0   |
| 52.00  | 955.0     |
| 55.00  | 431.0     |
| 56.00  | 736.0     |
| 57.00  | 1459.0    |
| 61.00  | 308.0     |
| 62.10  | 313.0     |
| 63.00  | 927.0     |
| 65.00  | 538.0     |
| 68.10  | 507.0     |
| 69.00  | 23576.0   |
| 73.00  | 502.0     |
| 74.00  | 2569.0    |
| 75.00  | 4168.0    |
| 76.10  | 1402.0    |
| 77.10  | 28824.0   |
| 78.10  | 2010.0    |
| 79.00  | 1835.0    |
| 80.00  | 1447.0    |
| 81.00  | 2069.0    |
| 82.00  | 597.0     |
| 83.00  | 638.0     |
| 84.00  | 5468.0    |
| 85.00  | 650.0     |
| 86.00  | 4122.0    |
| 87.00  | 413.0     |
| 87.90  | 645.0     |
| 91.00  | 593.0     |
| 92.00  | 603.0     |
| 93.00  | 3327.0    |
| 98.00  | 2575.0    |
| 99.00  | 2145.0    |
| 101.00 | 1133.0    |
| 103.00 | 371.0     |
| 104.00 | 728.0     |
| 105.00 | 798.0     |
| 107.00 | 9207.0    |
| 108.00 | 1517.0    |
| 110.00 | 16520.0   |
| 111.00 | 2579.0    |
| 112.00 | 318.0     |
| 116.00 | 535.0     |
| 117.00 | 7322.0    |
| 118.00 | 597.0     |
| 122.00 | 692.0     |
| 123.00 | 876.0     |
| 124.00 | 449.0     |
| 124.90 | 377.0     |
| 127.00 | 32464.0   |
| 128.00 | 2595.0    |
| 129.00 | 12372.0   |
| 130.00 | 1176.0    |
| 134.00 | 402.0     |
| 135.00 | 1192.0    |
| 136.00 | 355.0     |
| 137.00 | 669.0     |
| 141.00 | 1581.0    |
| 142.00 | 534.0     |
| 143.00 | 382.0     |
| 147.00 | 906.0     |
| 148.00 | 1899.0    |
| 149.00 | 416.0     |
| 153.00 | 477.0     |
| 154.00 | 429.0     |
| 155.00 | 1060.0    |
| 156.00 | 1421.0    |
| 158.00 | 349.0     |
| 160.00 | 582.0     |
| 161.00 | 712.0     |
| 165.00 | 650.0     |
| 166.00 | 571.0     |
| 167.00 | 3193.0    |
| 168.00 | 2124.0    |
| 169.00 | 328.0     |
| 173.00 | 354.0     |
| 174.00 | 737.0     |
| 175.00 | 1265.0    |
| 175.90 | 402.0     |
| 177.00 | 507.0     |
| 179.00 | 2296.0    |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

|        |         |
|--------|---------|
| 180.00 | 1818.0  |
| 181.00 | 763.0   |
| 185.00 | 975.0   |
| 186.10 | 8783.0  |
| 187.00 | 2488.0  |
| 188.00 | 332.0   |
| 189.00 | 643.0   |
| 192.00 | 833.0   |
| 193.00 | 913.0   |
| 196.00 | 1626.0  |
| 196.90 | 358.0   |
| 198.00 | 63216.0 |
| 199.00 | 4299.0  |
| 200.00 | 354.0   |
| 203.00 | 481.0   |
| 204.00 | 2466.0  |
| 205.00 | 3828.0  |
| 206.10 | 16928.0 |
| 207.10 | 2526.0  |
| 208.00 | 665.0   |
| 211.00 | 684.0   |
| 217.00 | 4421.0  |
| 218.00 | 632.0   |
| 221.00 | 2382.0  |
| 221.80 | 700.0   |
| 223.00 | 960.0   |
| 224.10 | 9111.0  |
| 225.10 | 2368.0  |
| 226.00 | 312.0   |
| 227.00 | 3832.0  |
| 228.00 | 548.0   |
| 229.00 | 880.0   |
| 231.00 | 362.0   |
| 237.00 | 448.0   |
| 242.00 | 485.0   |
| 243.10 | 425.0   |
| 244.10 | 6530.0  |
| 245.10 | 939.0   |
| 246.00 | 1406.0  |
| 254.10 | 328.0   |
| 255.10 | 34400.0 |
| 256.10 | 5159.0  |
| 257.10 | 424.0   |
| 258.00 | 1936.0  |
| 258.90 | 340.0   |
| 265.00 | 825.0   |
| 273.00 | 1011.0  |
| 274.00 | 2419.0  |
| 275.10 | 14425.0 |
| 276.00 | 2033.0  |
| 277.00 | 1271.0  |
| 296.10 | 3936.0  |
| 297.00 | 553.0   |
| 303.00 | 572.0   |
| 314.90 | 342.0   |
| 323.10 | 1297.0  |
| 334.10 | 749.0   |
| 352.10 | 340.0   |
| 354.10 | 391.0   |
| 365.10 | 1669.0  |
| 372.10 | 746.0   |
| 403.00 | 301.0   |
| 423.10 | 2027.0  |
| 424.10 | 685.0   |
| 441.10 | 5778.0  |
| 442.10 | 37832.0 |
| 443.10 | 7376.0  |
| 444.10 | 698.0   |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

| m/z    | Abundance |
|--------|-----------|
| 38.00  | 326.0     |
| 39.00  | 1761.0    |
| 41.00  | 452.0     |
| 43.00  | 880.0     |
| 44.00  | 527.0     |
| 45.00  | 420.0     |
| 47.00  | 1153.0    |
| 48.00  | 505.0     |
| 49.00  | 5390.0    |
| 50.10  | 6105.0    |
| 51.10  | 24416.0   |
| 52.00  | 1240.0    |
| 55.00  | 386.0     |
| 56.00  | 774.0     |
| 57.00  | 1776.0    |
| 60.00  | 352.0     |
| 61.00  | 383.0     |
| 62.00  | 395.0     |
| 63.00  | 1037.0    |
| 65.10  | 494.0     |
| 68.10  | 606.0     |
| 69.00  | 28792.0   |
| 73.00  | 533.0     |
| 74.00  | 3153.0    |
| 75.00  | 4876.0    |
| 76.10  | 1772.0    |
| 77.10  | 34824.0   |
| 78.10  | 2538.0    |
| 79.00  | 2580.0    |
| 80.00  | 1724.0    |
| 81.00  | 2606.0    |
| 82.00  | 680.0     |
| 83.00  | 709.0     |
| 84.00  | 5469.0    |
| 85.00  | 724.0     |
| 86.00  | 4112.0    |
| 87.00  | 434.0     |
| 87.90  | 627.0     |
| 91.00  | 729.0     |
| 92.00  | 621.0     |
| 93.00  | 4207.0    |
| 93.90  | 317.0     |
| 96.10  | 306.0     |
| 98.00  | 3232.0    |
| 99.00  | 2560.0    |
| 101.00 | 1634.0    |
| 103.00 | 447.0     |
| 104.00 | 862.0     |
| 105.00 | 898.0     |
| 106.00 | 307.0     |
| 107.00 | 11633.0   |
| 108.00 | 1768.0    |
| 109.10 | 350.0     |
| 110.00 | 21400.0   |
| 111.00 | 3392.0    |
| 112.00 | 419.0     |
| 116.00 | 720.0     |
| 117.00 | 9406.0    |
| 118.00 | 675.0     |
| 122.00 | 899.0     |
| 123.00 | 1240.0    |
| 124.00 | 625.0     |
| 125.00 | 529.0     |
| 127.00 | 41296.0   |
| 128.00 | 2989.0    |
| 129.00 | 16083.0   |
| 130.00 | 1325.0    |
| 134.00 | 532.0     |
| 135.00 | 1311.0    |
| 136.00 | 567.0     |
| 137.00 | 718.0     |
| 141.00 | 2139.0    |
| 142.00 | 768.0     |
| 143.00 | 495.0     |
| 146.00 | 432.0     |
| 147.00 | 1283.0    |
| 148.00 | 2512.0    |
| 149.00 | 547.0     |
| 153.00 | 719.0     |
| 154.00 | 563.0     |
| 155.00 | 1197.0    |
| 156.00 | 1650.0    |
| 157.00 | 337.0     |
| 158.00 | 386.0     |
| 159.00 | 388.0     |
| 160.00 | 702.0     |
| 161.00 | 1098.0    |
| 161.90 | 356.0     |
| 165.00 | 961.0     |
| 165.90 | 716.0     |
| 167.00 | 4503.0    |
| 168.00 | 2403.0    |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

|        |         |
|--------|---------|
| 169.00 | 457.0   |
| 172.00 | 398.0   |
| 173.00 | 502.0   |
| 174.00 | 967.0   |
| 175.10 | 1753.0  |
| 176.10 | 454.0   |
| 177.00 | 817.0   |
| 178.00 | 328.0   |
| 179.00 | 3189.0  |
| 180.00 | 2436.0  |
| 181.00 | 1097.0  |
| 185.10 | 1686.0  |
| 186.10 | 11994.0 |
| 187.00 | 3512.0  |
| 188.00 | 404.0   |
| 189.00 | 823.0   |
| 190.90 | 461.0   |
| 192.00 | 1127.0  |
| 193.10 | 1238.0  |
| 194.00 | 347.0   |
| 196.10 | 2384.0  |
| 196.80 | 489.0   |
| 197.10 | 470.0   |
| 198.00 | 89072.0 |
| 199.00 | 5988.0  |
| 200.00 | 501.0   |
| 201.30 | 413.0   |
| 202.90 | 609.0   |
| 204.00 | 3067.0  |
| 205.10 | 5276.0  |
| 206.10 | 23360.0 |
| 207.10 | 3530.0  |
| 208.10 | 835.0   |
| 209.00 | 337.0   |
| 210.10 | 374.0   |
| 211.10 | 908.0   |
| 216.00 | 490.0   |
| 217.00 | 6072.0  |
| 218.00 | 835.0   |
| 221.10 | 3673.0  |
| 221.80 | 896.0   |
| 223.00 | 1346.0  |
| 224.10 | 13101.0 |
| 225.10 | 3466.0  |
| 226.10 | 375.0   |
| 227.00 | 5477.0  |
| 228.00 | 793.0   |
| 229.00 | 1193.0  |
| 231.00 | 517.0   |
| 233.90 | 352.0   |
| 235.00 | 498.0   |
| 237.00 | 569.0   |
| 242.10 | 661.0   |
| 243.10 | 640.0   |
| 244.10 | 9909.0  |
| 245.10 | 1281.0  |
| 246.00 | 2077.0  |
| 247.00 | 354.0   |
| 249.00 | 372.0   |
| 254.10 | 414.0   |
| 255.10 | 50560.0 |
| 256.10 | 7150.0  |
| 257.00 | 625.0   |
| 258.00 | 2827.0  |
| 259.00 | 582.0   |
| 265.10 | 1188.0  |
| 273.00 | 1407.0  |
| 274.10 | 4067.0  |
| 275.10 | 21928.0 |
| 276.10 | 2928.0  |
| 277.00 | 1917.0  |
| 278.00 | 354.0   |
| 285.10 | 351.0   |
| 293.00 | 462.0   |
| 296.10 | 6182.0  |
| 297.00 | 971.0   |
| 303.00 | 690.0   |
| 315.00 | 642.0   |
| 316.10 | 382.0   |
| 323.10 | 1900.0  |
| 324.10 | 365.0   |
| 327.00 | 380.0   |
| 334.10 | 1324.0  |
| 335.00 | 362.0   |
| 341.00 | 351.0   |
| 346.10 | 381.0   |
| 352.10 | 537.0   |
| 353.10 | 440.0   |
| 354.10 | 641.0   |
| 365.10 | 2552.0  |
| 366.00 | 389.0   |
| 372.10 | 973.0   |
| 402.00 | 389.0   |
| 403.00 | 533.0   |
| 421.10 | 419.0   |
| 422.10 | 497.0   |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

|        |         |
|--------|---------|
| 423.10 | 3312.0  |
| 424.10 | 888.0   |
| 441.10 | 9994.0  |
| 442.10 | 65736.0 |
| 443.10 | 12736.0 |
| 444.10 | 1233.0  |

|                         |
|-------------------------|
| <b>Instrument :</b>     |
| BNA_M                   |
| <b>ClientSampleId :</b> |
| DFTPP58                 |

| m/z    | Abundance |
|--------|-----------|
| 37.00  | 316.0     |
| 39.10  | 1506.0    |
| 41.00  | 413.0     |
| 43.00  | 826.0     |
| 44.00  | 491.0     |
| 44.90  | 354.0     |
| 47.00  | 1047.0    |
| 48.00  | 536.0     |
| 49.00  | 5460.0    |
| 50.10  | 4423.0    |
| 51.10  | 18392.0   |
| 52.00  | 936.0     |
| 55.00  | 375.0     |
| 56.00  | 605.0     |
| 57.00  | 1337.0    |
| 60.00  | 340.0     |
| 63.10  | 783.0     |
| 65.00  | 397.0     |
| 68.10  | 418.0     |
| 69.00  | 21792.0   |
| 73.00  | 468.0     |
| 74.10  | 2483.0    |
| 75.00  | 3729.0    |
| 76.00  | 1212.0    |
| 77.10  | 26376.0   |
| 78.10  | 1815.0    |
| 79.00  | 1813.0    |
| 80.00  | 1294.0    |
| 81.00  | 1837.0    |
| 82.00  | 601.0     |
| 83.00  | 734.0     |
| 84.00  | 5371.0    |
| 85.00  | 616.0     |
| 86.00  | 3885.0    |
| 87.90  | 637.0     |
| 91.00  | 512.0     |
| 92.10  | 467.0     |
| 93.00  | 3197.0    |
| 98.00  | 2386.0    |
| 99.00  | 2002.0    |
| 101.00 | 1248.0    |
| 102.90 | 303.0     |
| 104.00 | 649.0     |
| 105.00 | 716.0     |
| 107.00 | 9110.0    |
| 108.00 | 1355.0    |
| 109.00 | 323.0     |
| 110.00 | 16089.0   |
| 111.00 | 2374.0    |
| 111.90 | 366.0     |
| 116.00 | 482.0     |
| 117.00 | 7415.0    |
| 118.00 | 550.0     |
| 122.00 | 687.0     |
| 123.00 | 927.0     |
| 123.90 | 372.0     |
| 125.00 | 395.0     |
| 127.00 | 32288.0   |
| 128.00 | 2494.0    |
| 129.00 | 12656.0   |
| 130.00 | 1103.0    |
| 134.00 | 454.0     |
| 135.00 | 1059.0    |
| 136.00 | 433.0     |
| 137.00 | 565.0     |
| 141.00 | 1599.0    |
| 142.00 | 610.0     |
| 143.00 | 389.0     |
| 147.00 | 1047.0    |
| 148.00 | 1996.0    |
| 149.00 | 481.0     |
| 151.10 | 347.0     |
| 153.00 | 568.0     |
| 153.90 | 407.0     |
| 155.00 | 1116.0    |
| 156.00 | 1539.0    |
| 157.00 | 330.0     |
| 158.00 | 309.0     |
| 160.00 | 514.0     |
| 161.00 | 913.0     |
| 165.00 | 778.0     |
| 166.00 | 611.0     |
| 167.00 | 3655.0    |
| 168.00 | 1930.0    |
| 169.00 | 337.0     |
| 172.00 | 383.0     |
| 173.00 | 501.0     |
| 174.00 | 942.0     |
| 175.00 | 1388.0    |
| 176.10 | 403.0     |
| 177.00 | 681.0     |
| 179.00 | 2663.0    |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58

|        |         |
|--------|---------|
| 180.00 | 1925.0  |
| 181.00 | 940.0   |
| 185.00 | 1261.0  |
| 186.00 | 10264.0 |
| 187.00 | 3118.0  |
| 188.00 | 352.0   |
| 189.00 | 608.0   |
| 191.10 | 338.0   |
| 192.00 | 846.0   |
| 193.00 | 1112.0  |
| 196.00 | 1998.0  |
| 197.00 | 327.0   |
| 198.00 | 73432.0 |
| 199.00 | 4959.0  |
| 200.10 | 370.0   |
| 201.60 | 343.0   |
| 203.00 | 514.0   |
| 204.00 | 2720.0  |
| 205.10 | 4586.0  |
| 206.10 | 20320.0 |
| 207.10 | 2659.0  |
| 208.00 | 873.0   |
| 210.10 | 308.0   |
| 211.10 | 775.0   |
| 216.00 | 471.0   |
| 217.00 | 5242.0  |
| 218.00 | 664.0   |
| 221.10 | 2886.0  |
| 222.00 | 620.0   |
| 223.10 | 1149.0  |
| 224.10 | 10909.0 |
| 225.00 | 2918.0  |
| 226.00 | 352.0   |
| 227.00 | 4939.0  |
| 228.00 | 594.0   |
| 229.00 | 1047.0  |
| 231.00 | 466.0   |
| 237.00 | 416.0   |
| 242.10 | 527.0   |
| 243.00 | 586.0   |
| 244.10 | 8205.0  |
| 245.10 | 1049.0  |
| 246.10 | 1758.0  |
| 247.00 | 312.0   |
| 254.10 | 410.0   |
| 255.10 | 44168.0 |
| 256.10 | 6802.0  |
| 257.10 | 519.0   |
| 258.00 | 2567.0  |
| 259.00 | 354.0   |
| 265.00 | 1098.0  |
| 273.10 | 1261.0  |
| 274.10 | 3500.0  |
| 275.10 | 19720.0 |
| 276.10 | 2348.0  |
| 277.00 | 1493.0  |
| 278.00 | 335.0   |
| 293.00 | 374.0   |
| 296.00 | 5647.0  |
| 297.00 | 826.0   |
| 303.10 | 678.0   |
| 315.00 | 585.0   |
| 316.10 | 375.0   |
| 323.10 | 1788.0  |
| 327.00 | 359.0   |
| 334.10 | 1311.0  |
| 346.00 | 425.0   |
| 352.00 | 467.0   |
| 353.10 | 334.0   |
| 354.10 | 602.0   |
| 365.10 | 2577.0  |
| 372.10 | 958.0   |
| 402.10 | 364.0   |
| 403.10 | 546.0   |
| 421.00 | 518.0   |
| 422.00 | 447.0   |
| 423.10 | 3146.0  |
| 424.10 | 932.0   |
| 441.10 | 10324.0 |
| 442.10 | 69032.0 |
| 443.10 | 12949.0 |
| 444.10 | 1201.0  |

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP58