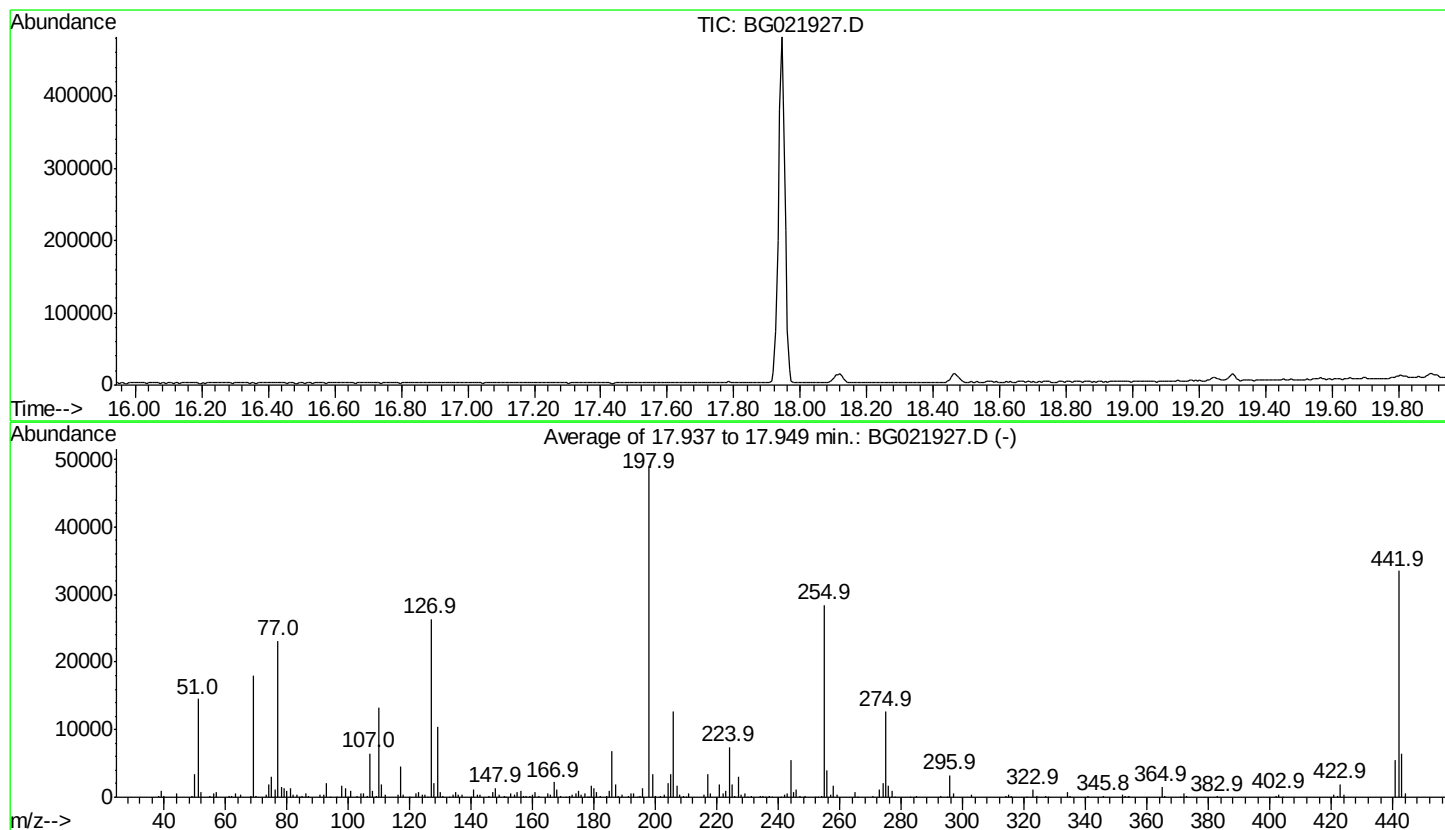


Data Path : Z:\HPCHEM1\BNA G\Data\BG051816\  
 Data File : BG021927.D  
 Acq On : 18 May 2016 8:51  
 Operator : UM/SJ  
 Sample : DFTPP08  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DFTPP08

Integration File: LSCINT.P

Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
 Title : SVOA CALIBRATION  
 Last Update : Thu May 19 03:59:04 2016



AutoFind: Scans 2570, 2571, 2572; Background Corrected with Scan 2564

| Target Mass | Rel. to Mass | Lower Limit% | Upper Limit% | Rel. Abn% | Raw Abn | Result Pass/Fail |
|-------------|--------------|--------------|--------------|-----------|---------|------------------|
| 51          | 198          | 10           | 80           | 29.6      | 14537   | PASS             |
| 68          | 69           | 0.00         | 2            | 1.2       | 214     | PASS             |
| 69          | 198          | 0.00         | 100          | 36.5      | 17900   | PASS             |
| 70          | 69           | 0.00         | 2            | 0.6       | 106     | PASS             |
| 127         | 198          | 10           | 80           | 53.7      | 26352   | PASS             |
| 197         | 198          | 0.00         | 2            | 0.0       | 0       | PASS             |
| 198         | 198          | 100          | 100          | 100.0     | 49034   | PASS             |
| 199         | 198          | 5            | 9            | 6.9       | 3360    | PASS             |
| 275         | 198          | 10           | 60           | 25.7      | 12605   | PASS             |
| 365         | 198          | 1            | 100          | 3.2       | 1575    | PASS             |
| 441         | 442          | 0.01         | 100          | 16.6      | 5562    | PASS             |
| 442         | 198          | 50           | 100          | 68.3      | 33480   | PASS             |
| 443         | 442          | 15           | 24           | 19.1      | 6410    | PASS             |

Scan 2564 (17.902 min): BG021927.D  
DFTPP08

| m/z    | Abundance |
|--------|-----------|
| 39.90  | 1854.0    |
| 41.00  | 183.0     |
| 43.00  | 231.0     |
| 43.90  | 556.0     |
| 57.00  | 232.0     |
| 206.90 | 286.0     |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08

| m/z    | Abundance |
|--------|-----------|
| 38.00  | 158.0     |
| 39.00  | 1214.0    |
| 39.90  | 1983.0    |
| 41.00  | 174.0     |
| 44.00  | 977.0     |
| 49.00  | 151.0     |
| 50.00  | 3931.0    |
| 51.00  | 14930.0   |
| 52.00  | 748.0     |
| 56.00  | 727.0     |
| 57.00  | 1098.0    |
| 61.00  | 161.0     |
| 62.00  | 228.0     |
| 63.00  | 596.0     |
| 65.00  | 406.0     |
| 68.00  | 292.0     |
| 68.90  | 18096.0   |
| 69.90  | 159.0     |
| 73.00  | 386.0     |
| 74.00  | 1902.0    |
| 75.00  | 3063.0    |
| 76.00  | 1208.0    |
| 77.00  | 22584.0   |
| 78.00  | 1524.0    |
| 78.90  | 1303.0    |
| 79.90  | 1049.0    |
| 80.90  | 1440.0    |
| 81.90  | 441.0     |
| 83.00  | 483.0     |
| 83.90  | 242.0     |
| 84.90  | 321.0     |
| 85.90  | 539.0     |
| 90.90  | 385.0     |
| 91.90  | 401.0     |
| 92.90  | 2098.0    |
| 94.00  | 169.0     |
| 97.90  | 1441.0    |
| 98.90  | 1439.0    |
| 100.90 | 949.0     |
| 102.80 | 183.0     |
| 103.90 | 588.0     |
| 104.90 | 532.0     |
| 106.00 | 174.0     |
| 106.90 | 6613.0    |
| 107.90 | 906.0     |
| 109.90 | 12951.0   |
| 110.90 | 1711.0    |
| 111.90 | 289.0     |
| 116.00 | 355.0     |
| 116.90 | 4304.0    |
| 117.90 | 350.0     |
| 121.90 | 484.0     |
| 122.90 | 665.0     |
| 123.90 | 373.0     |
| 124.90 | 429.0     |
| 125.50 | 182.0     |
| 126.90 | 25600.0   |
| 127.90 | 2225.0    |
| 128.90 | 10413.0   |
| 129.90 | 690.0     |
| 132.80 | 151.0     |
| 133.90 | 369.0     |
| 134.90 | 879.0     |
| 135.90 | 317.0     |
| 136.90 | 374.0     |
| 139.90 | 251.0     |
| 140.90 | 992.0     |
| 141.90 | 396.0     |
| 142.90 | 361.0     |
| 145.90 | 232.0     |
| 146.90 | 631.0     |
| 147.90 | 1399.0    |
| 149.00 | 350.0     |
| 151.20 | 169.0     |
| 152.90 | 583.0     |
| 153.90 | 321.0     |
| 154.90 | 662.0     |
| 155.90 | 894.0     |
| 156.90 | 311.0     |
| 157.90 | 258.0     |
| 158.90 | 277.0     |
| 159.90 | 295.0     |
| 160.90 | 685.0     |
| 161.90 | 248.0     |
| 164.90 | 481.0     |
| 165.80 | 291.0     |
| 166.90 | 2036.0    |
| 167.90 | 1169.0    |
| 171.80 | 279.0     |
| 172.90 | 393.0     |
| 174.00 | 433.0     |
| 174.90 | 806.0     |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08

|        |         |
|--------|---------|
| 175.90 | 350.0   |
| 176.80 | 558.0   |
| 177.80 | 168.0   |
| 178.90 | 1663.0  |
| 179.90 | 889.0   |
| 180.90 | 672.0   |
| 183.90 | 224.0   |
| 184.90 | 999.0   |
| 185.90 | 6127.0  |
| 186.90 | 1939.0  |
| 188.00 | 246.0   |
| 188.80 | 385.0   |
| 191.00 | 242.0   |
| 191.90 | 625.0   |
| 192.90 | 652.0   |
| 195.90 | 1415.0  |
| 197.90 | 45160.0 |
| 198.90 | 3435.0  |
| 199.80 | 227.0   |
| 201.40 | 232.0   |
| 202.90 | 465.0   |
| 203.90 | 1664.0  |
| 204.90 | 2992.0  |
| 205.90 | 11880.0 |
| 206.90 | 2202.0  |
| 207.80 | 350.0   |
| 208.80 | 262.0   |
| 210.80 | 365.0   |
| 215.90 | 262.0   |
| 216.90 | 3061.0  |
| 217.90 | 533.0   |
| 220.90 | 1636.0  |
| 221.80 | 452.0   |
| 222.90 | 777.0   |
| 223.90 | 7176.0  |
| 224.90 | 1704.0  |
| 225.90 | 177.0   |
| 226.90 | 2389.0  |
| 227.90 | 342.0   |
| 228.90 | 502.0   |
| 229.90 | 158.0   |
| 231.00 | 258.0   |
| 233.90 | 169.0   |
| 235.80 | 188.0   |
| 236.90 | 246.0   |
| 241.90 | 308.0   |
| 242.90 | 441.0   |
| 243.90 | 4582.0  |
| 244.90 | 752.0   |
| 245.90 | 880.0   |
| 246.80 | 213.0   |
| 248.80 | 166.0   |
| 253.90 | 330.0   |
| 254.90 | 23984.0 |
| 255.90 | 3380.0  |
| 256.80 | 387.0   |
| 257.90 | 1431.0  |
| 258.90 | 385.0   |
| 264.90 | 531.0   |
| 270.90 | 212.0   |
| 272.90 | 988.0   |
| 273.90 | 1671.0  |
| 274.90 | 10584.0 |
| 275.90 | 1397.0  |
| 276.90 | 803.0   |
| 292.80 | 169.0   |
| 294.70 | 171.0   |
| 295.90 | 2968.0  |
| 296.90 | 323.0   |
| 302.90 | 350.0   |
| 313.90 | 227.0   |
| 314.80 | 382.0   |
| 315.80 | 206.0   |
| 322.90 | 886.0   |
| 323.90 | 226.0   |
| 326.80 | 163.0   |
| 327.80 | 200.0   |
| 333.90 | 500.0   |
| 340.90 | 184.0   |
| 345.70 | 206.0   |
| 351.90 | 195.0   |
| 353.00 | 188.0   |
| 353.80 | 154.0   |
| 364.80 | 1238.0  |
| 365.80 | 241.0   |
| 371.90 | 470.0   |
| 382.90 | 216.0   |
| 402.90 | 367.0   |
| 420.90 | 184.0   |
| 421.90 | 185.0   |
| 422.90 | 1380.0  |
| 423.80 | 160.0   |
| 440.90 | 4041.0  |
| 441.90 | 23568.0 |
| 442.90 | 4934.0  |
| 443.90 | 394.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08

| m/z    | Abundance |
|--------|-----------|
| 38.00  | 212.0     |
| 39.00  | 1251.0    |
| 40.00  | 2378.0    |
| 41.00  | 158.0     |
| 43.00  | 217.0     |
| 44.00  | 1096.0    |
| 49.00  | 209.0     |
| 50.00  | 4183.0    |
| 51.00  | 16920.0   |
| 52.00  | 835.0     |
| 55.00  | 162.0     |
| 55.90  | 595.0     |
| 56.90  | 1190.0    |
| 61.00  | 287.0     |
| 61.90  | 285.0     |
| 63.00  | 863.0     |
| 65.00  | 398.0     |
| 68.90  | 20520.0   |
| 69.90  | 159.0     |
| 73.00  | 388.0     |
| 74.00  | 1898.0    |
| 74.90  | 3435.0    |
| 76.00  | 1191.0    |
| 77.00  | 27256.0   |
| 78.00  | 1773.0    |
| 78.90  | 1600.0    |
| 79.90  | 1114.0    |
| 81.00  | 1408.0    |
| 81.90  | 448.0     |
| 83.00  | 462.0     |
| 84.90  | 341.0     |
| 85.90  | 475.0     |
| 87.00  | 162.0     |
| 90.90  | 542.0     |
| 91.90  | 372.0     |
| 92.90  | 2600.0    |
| 96.00  | 220.0     |
| 97.90  | 1918.0    |
| 98.90  | 1505.0    |
| 99.90  | 195.0     |
| 100.90 | 1131.0    |
| 102.90 | 424.0     |
| 103.90 | 640.0     |
| 104.90 | 649.0     |
| 106.00 | 257.0     |
| 106.90 | 7332.0    |
| 107.90 | 1179.0    |
| 108.90 | 344.0     |
| 109.90 | 15064.0   |
| 110.90 | 2085.0    |
| 111.90 | 464.0     |
| 116.00 | 453.0     |
| 116.90 | 4976.0    |
| 118.00 | 492.0     |
| 120.00 | 155.0     |
| 121.90 | 676.0     |
| 122.90 | 872.0     |
| 123.90 | 428.0     |
| 124.90 | 481.0     |
| 126.90 | 31320.0   |
| 127.90 | 2333.0    |
| 128.90 | 11816.0   |
| 129.90 | 882.0     |
| 130.90 | 197.0     |
| 133.90 | 446.0     |
| 134.90 | 692.0     |
| 135.90 | 413.0     |
| 136.90 | 499.0     |
| 140.90 | 1355.0    |
| 141.90 | 653.0     |
| 142.90 | 321.0     |
| 145.80 | 292.0     |
| 146.90 | 896.0     |
| 147.90 | 1587.0    |
| 148.90 | 475.0     |
| 150.90 | 280.0     |
| 153.00 | 549.0     |
| 153.90 | 330.0     |
| 154.90 | 731.0     |
| 155.90 | 1323.0    |
| 157.00 | 275.0     |
| 157.80 | 287.0     |
| 158.90 | 208.0     |
| 159.90 | 468.0     |
| 160.90 | 753.0     |
| 162.00 | 241.0     |
| 164.90 | 687.0     |
| 165.90 | 459.0     |
| 166.90 | 2613.0    |
| 167.90 | 1154.0    |
| 168.80 | 262.0     |
| 170.90 | 155.0     |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08

|        |         |
|--------|---------|
| 171.90 | 195.0   |
| 172.90 | 396.0   |
| 173.90 | 673.0   |
| 174.90 | 1220.0  |
| 175.90 | 460.0   |
| 176.90 | 642.0   |
| 178.00 | 270.0   |
| 178.90 | 1799.0  |
| 179.90 | 1605.0  |
| 180.90 | 825.0   |
| 181.90 | 181.0   |
| 183.80 | 162.0   |
| 184.90 | 1194.0  |
| 185.90 | 7717.0  |
| 186.90 | 2205.0  |
| 187.90 | 276.0   |
| 188.90 | 550.0   |
| 191.90 | 680.0   |
| 192.90 | 838.0   |
| 193.90 | 197.0   |
| 194.80 | 178.0   |
| 195.90 | 1573.0  |
| 197.90 | 56216.0 |
| 198.90 | 3746.0  |
| 199.90 | 302.0   |
| 201.40 | 347.0   |
| 202.80 | 564.0   |
| 203.90 | 2382.0  |
| 204.90 | 3942.0  |
| 205.90 | 14727.0 |
| 206.90 | 2277.0  |
| 207.90 | 662.0   |
| 208.90 | 197.0   |
| 209.80 | 192.0   |
| 210.80 | 596.0   |
| 215.90 | 357.0   |
| 216.80 | 3897.0  |
| 217.90 | 580.0   |
| 220.90 | 2169.0  |
| 221.80 | 699.0   |
| 222.90 | 1003.0  |
| 223.90 | 8452.0  |
| 224.90 | 2006.0  |
| 225.80 | 232.0   |
| 226.90 | 3601.0  |
| 227.90 | 416.0   |
| 228.90 | 871.0   |
| 233.90 | 223.0   |
| 234.90 | 276.0   |
| 236.90 | 287.0   |
| 240.90 | 300.0   |
| 241.90 | 429.0   |
| 242.90 | 702.0   |
| 243.90 | 6413.0  |
| 244.90 | 1026.0  |
| 245.90 | 1434.0  |
| 246.90 | 265.0   |
| 248.80 | 216.0   |
| 251.90 | 159.0   |
| 252.80 | 228.0   |
| 254.90 | 32488.0 |
| 255.90 | 4873.0  |
| 256.90 | 272.0   |
| 257.90 | 1941.0  |
| 258.80 | 370.0   |
| 264.90 | 916.0   |
| 270.80 | 185.0   |
| 272.90 | 1072.0  |
| 273.90 | 2527.0  |
| 274.90 | 13915.0 |
| 275.90 | 1921.0  |
| 276.90 | 1069.0  |
| 277.80 | 168.0   |
| 282.90 | 166.0   |
| 284.90 | 171.0   |
| 292.90 | 293.0   |
| 295.90 | 3755.0  |
| 296.90 | 584.0   |
| 302.90 | 432.0   |
| 313.90 | 183.0   |
| 314.90 | 391.0   |
| 315.80 | 217.0   |
| 320.90 | 214.0   |
| 322.90 | 1293.0  |
| 323.90 | 218.0   |
| 326.90 | 314.0   |
| 333.90 | 900.0   |
| 334.90 | 276.0   |
| 340.90 | 153.0   |
| 345.80 | 267.0   |
| 351.80 | 280.0   |
| 352.90 | 258.0   |
| 354.00 | 512.0   |
| 364.90 | 1951.0  |
| 365.90 | 164.0   |
| 370.80 | 203.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08

|        |         |
|--------|---------|
| 372.00 | 584.0   |
| 372.90 | 306.0   |
| 382.80 | 284.0   |
| 401.90 | 248.0   |
| 402.80 | 394.0   |
| 420.80 | 288.0   |
| 421.90 | 245.0   |
| 422.90 | 2173.0  |
| 423.90 | 374.0   |
| 440.90 | 5942.0  |
| 441.90 | 37384.0 |
| 442.90 | 7387.0  |
| 443.90 | 585.0   |

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
DFTPP08

| m/z    | Abundance |
|--------|-----------|
| 39.00  | 610.0     |
| 39.90  | 2057.0    |
| 42.90  | 190.0     |
| 44.00  | 1088.0    |
| 50.00  | 2324.0    |
| 51.00  | 11763.0   |
| 52.00  | 651.0     |
| 55.00  | 273.0     |
| 56.00  | 382.0     |
| 57.00  | 940.0     |
| 61.00  | 238.0     |
| 61.90  | 295.0     |
| 62.90  | 439.0     |
| 65.00  | 264.0     |
| 68.00  | 352.0     |
| 68.90  | 15085.0   |
| 73.00  | 264.0     |
| 73.90  | 1659.0    |
| 75.00  | 2594.0    |
| 76.00  | 1023.0    |
| 77.00  | 19592.0   |
| 78.00  | 1358.0    |
| 78.90  | 1248.0    |
| 79.90  | 786.0     |
| 81.00  | 1300.0    |
| 82.00  | 316.0     |
| 83.00  | 269.0     |
| 85.00  | 173.0     |
| 86.00  | 479.0     |
| 87.00  | 206.0     |
| 90.90  | 432.0     |
| 91.90  | 352.0     |
| 92.90  | 1761.0    |
| 98.00  | 1611.0    |
| 98.90  | 1092.0    |
| 100.90 | 817.0     |
| 103.90 | 511.0     |
| 104.90 | 528.0     |
| 105.90 | 199.0     |
| 107.00 | 5409.0    |
| 107.90 | 814.0     |
| 109.90 | 11817.0   |
| 110.90 | 1628.0    |
| 112.00 | 182.0     |
| 115.90 | 343.0     |
| 117.00 | 4109.0    |
| 118.00 | 355.0     |
| 121.90 | 347.0     |
| 122.90 | 661.0     |
| 124.00 | 186.0     |
| 125.00 | 292.0     |
| 126.90 | 22136.0   |
| 127.90 | 1643.0    |
| 128.90 | 8938.0    |
| 130.00 | 719.0     |
| 130.90 | 273.0     |
| 133.90 | 239.0     |
| 134.90 | 766.0     |
| 135.90 | 304.0     |
| 136.90 | 503.0     |
| 140.90 | 1047.0    |
| 142.00 | 353.0     |
| 142.90 | 209.0     |
| 145.90 | 243.0     |
| 146.90 | 501.0     |
| 147.90 | 1156.0    |
| 148.90 | 292.0     |
| 150.90 | 161.0     |
| 152.90 | 455.0     |
| 154.00 | 336.0     |
| 154.90 | 719.0     |
| 156.00 | 885.0     |
| 156.90 | 241.0     |
| 157.80 | 193.0     |
| 158.90 | 202.0     |
| 159.90 | 344.0     |
| 160.90 | 579.0     |
| 161.90 | 219.0     |
| 164.90 | 384.0     |
| 165.90 | 583.0     |
| 166.90 | 2085.0    |
| 167.90 | 984.0     |
| 168.90 | 256.0     |
| 171.90 | 300.0     |
| 172.90 | 220.0     |
| 173.90 | 677.0     |
| 174.90 | 782.0     |
| 175.80 | 191.0     |
| 176.80 | 309.0     |
| 178.90 | 1804.0    |
| 179.90 | 1248.0    |
| 180.90 | 599.0     |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08



|        |         |
|--------|---------|
| 181.90 | 158.0   |
| 183.90 | 258.0   |
| 184.90 | 892.0   |
| 185.90 | 6783.0  |
| 186.90 | 1745.0  |
| 187.80 | 225.0   |
| 188.90 | 300.0   |
| 190.90 | 292.0   |
| 191.90 | 582.0   |
| 192.90 | 512.0   |
| 194.80 | 190.0   |
| 195.90 | 1200.0  |
| 197.90 | 45728.0 |
| 198.80 | 2901.0  |
| 199.90 | 237.0   |
| 201.40 | 265.0   |
| 202.80 | 339.0   |
| 203.90 | 1936.0  |
| 204.90 | 3332.0  |
| 205.90 | 11731.0 |
| 206.90 | 1747.0  |
| 207.90 | 325.0   |
| 208.90 | 235.0   |
| 210.90 | 574.0   |
| 215.90 | 365.0   |
| 216.90 | 3251.0  |
| 217.90 | 392.0   |
| 220.90 | 2133.0  |
| 221.70 | 441.0   |
| 222.90 | 970.0   |
| 223.90 | 6735.0  |
| 224.90 | 1801.0  |
| 225.90 | 265.0   |
| 226.90 | 2970.0  |
| 227.80 | 344.0   |
| 228.80 | 533.0   |
| 230.90 | 355.0   |
| 233.90 | 168.0   |
| 234.90 | 279.0   |
| 236.80 | 216.0   |
| 237.90 | 191.0   |
| 241.90 | 517.0   |
| 242.90 | 444.0   |
| 243.90 | 5676.0  |
| 244.90 | 677.0   |
| 245.90 | 1166.0  |
| 246.90 | 153.0   |
| 254.90 | 28808.0 |
| 255.90 | 3653.0  |
| 256.90 | 422.0   |
| 257.90 | 1624.0  |
| 258.80 | 200.0   |
| 264.90 | 671.0   |
| 265.90 | 151.0   |
| 270.80 | 171.0   |
| 272.90 | 1214.0  |
| 273.90 | 2105.0  |
| 274.90 | 13317.0 |
| 275.90 | 1663.0  |
| 276.90 | 874.0   |
| 284.80 | 175.0   |
| 292.80 | 182.0   |
| 295.90 | 3186.0  |
| 296.90 | 613.0   |
| 302.80 | 586.0   |
| 313.90 | 202.0   |
| 314.90 | 496.0   |
| 315.90 | 248.0   |
| 322.90 | 1184.0  |
| 323.90 | 262.0   |
| 326.90 | 279.0   |
| 333.90 | 826.0   |
| 334.90 | 166.0   |
| 340.90 | 178.0   |
| 345.90 | 358.0   |
| 351.80 | 398.0   |
| 352.90 | 242.0   |
| 354.00 | 267.0   |
| 364.90 | 1536.0  |
| 365.80 | 230.0   |
| 371.90 | 586.0   |
| 372.90 | 156.0   |
| 401.90 | 315.0   |
| 402.90 | 411.0   |
| 403.90 | 165.0   |
| 420.90 | 480.0   |
| 421.80 | 436.0   |
| 422.90 | 2140.0  |
| 423.90 | 361.0   |
| 440.90 | 6704.0  |
| 441.90 | 39488.0 |
| 442.90 | 6911.0  |
| 443.90 | 679.0   |

Instrument :  
BNA\_G  
ClientSampleId :  
DFTPP08