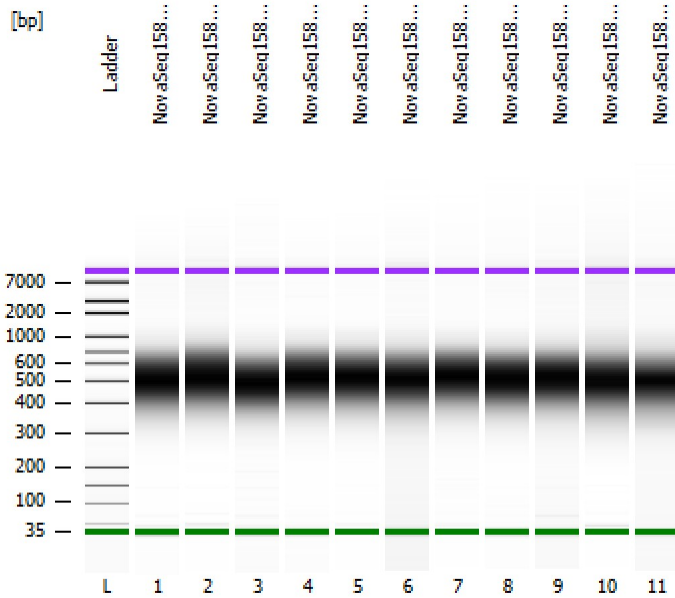


Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
Modified: 2/11/2020 4:09:17 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE34903152 Firmware: C.01.069
Serial#: DE34903152 Type: G2938C

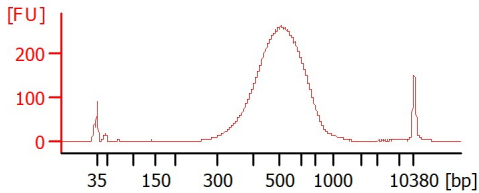
Assay Information:

Assay Origin Path: C:\Program Files (x86)\Agilent\2100 bioanalyzer\2100 expert\assays\dsDNA\High Sensitivity DNA.xsy
Assay Class: High Sensitivity DNA Assay
Version: 1.03
Assay Comments: Copyright © 2003-2010 Agilent Technologies

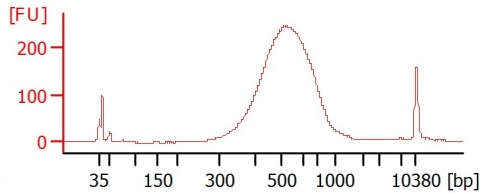
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

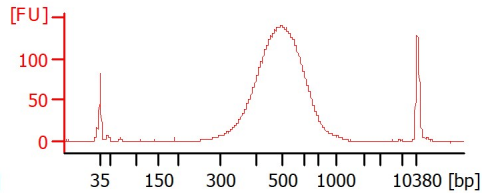
NovaSeq158-1 Lib QC



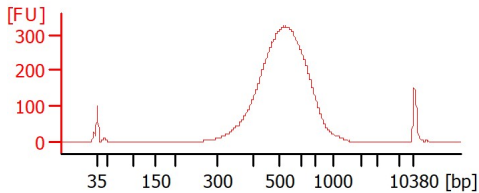
NovaSeq158-2 Lib QC



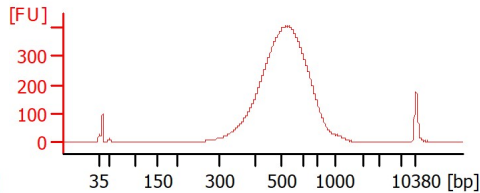
NovaSeq158-3 Lib QC (1:5)



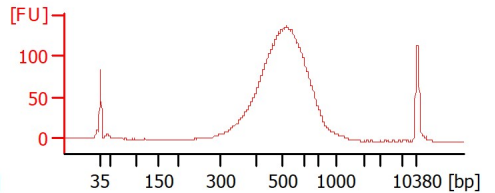
NovaSeq158-4 Lib QC (1:2)



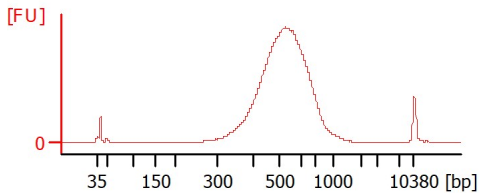
NovaSeq158-5 Lib QC (1:2)



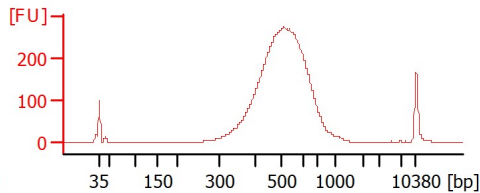
NovaSeq158-6 Lib QC (1:4)



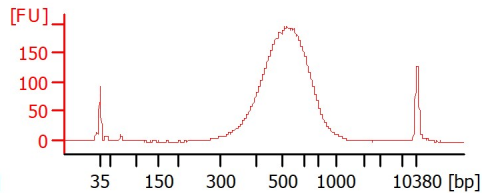
NovaSeq158-7 Lib QC (1:2)



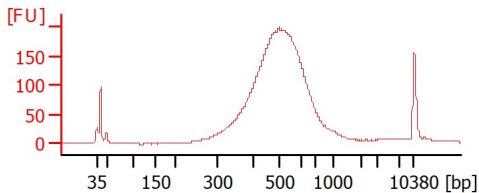
NovaSeq158-8 Lib QC (1:2)



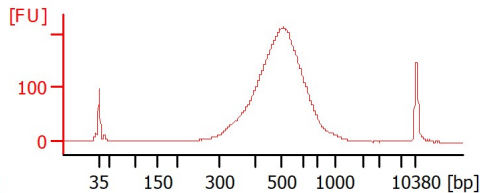
NovaSeq158-9 Lib QC (1:4)



NovaSeq158-10 Lib QC (1:2)



NovaSeq158-11 Lib QC (1:4)



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electrophoresis File Run Summary (Chip Summary)

| Sample Name | Sample Comment | Rest. Digest | Status | Observation | Result Label | Result Color |
|----------------------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| NovaSeq158-1 Lib QC | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-2 Lib QC | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-3 Lib QC (1:5) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-4 Lib QC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-5 Lib QC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-6 Lib QC (1:4) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-7 Lib QC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-8 Lib QC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-9 Lib QC (1:4) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-10 Lib QC (1:2) | | <input type="checkbox"/> | ✓ | | | |
| NovaSeq158-11 Lib QC (1:4) | | <input type="checkbox"/> | ✓ | | | |
| Ladder | | <input type="checkbox"/> | ✓ | | | |

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12
 Minimum Visible Range [s] : 32
 Maximum Visible Range [s] : 138
 Start Analysis Time Range [s] : 33
 End Analysis Time Range [s] : 137.5
 Ladder Concentration [pg/μl] : 1950
 Uses Standard Area for Ladder Fragments
 Lower Marker Concentration [pg/μl] : 125
 Upper Marker Concentration [pg/μl] : 75
 Used Upper Marker for Quantitation
 Standard Curve Fit is Point to Point
 Show Data Aligned to Lower and Upper Marker

Integrator Settings

Integration Start Time [s] : 33.05
 Integration End Time [s] : 137
 Slope Threshold : 0.8
 Height Threshold [FU] : 5
 Area Threshold : 0.1
 Width Threshold [s] : 0.6
 Baseline Plateau [s] : 0.5

Filter Settings

Filter Width [s] : 0.5
 Polynomial Order : 4

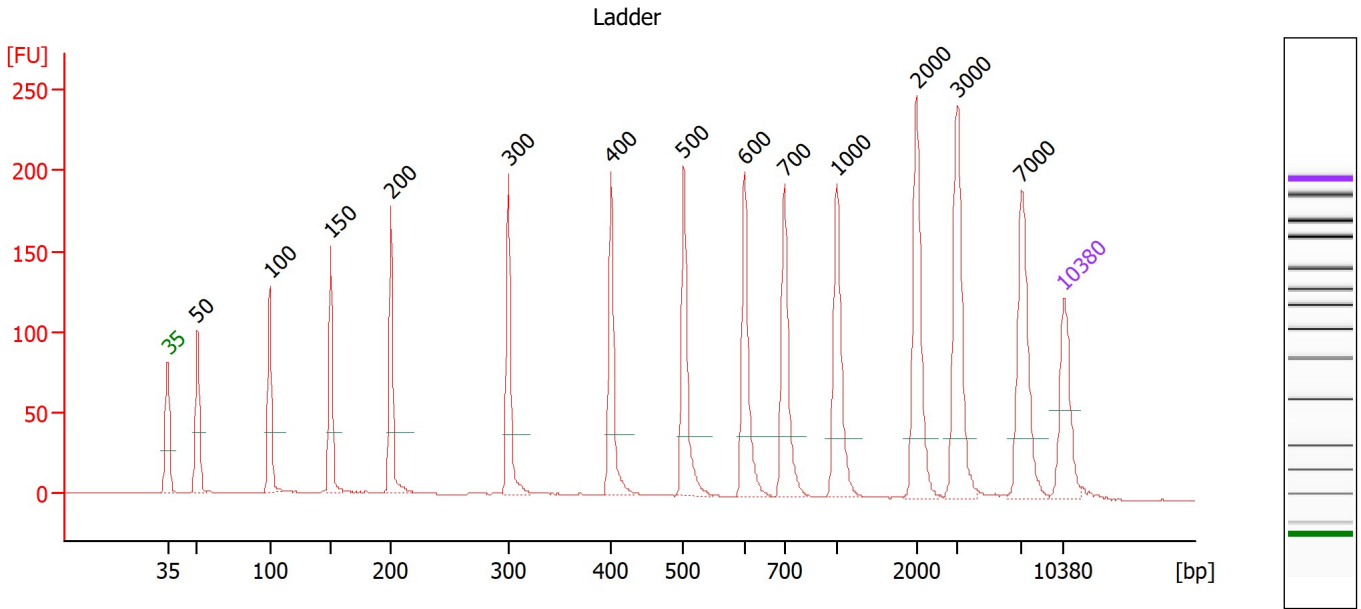
Ladder

| Ladder Peak | Size | Area |
|-------------|-------|------|
| 1 | 35 | 160 |
| 2 | 50 | 210 |
| 3 | 100 | 208 |
| 4 | 150 | 221 |
| 5 | 200 | 242 |
| 6 | 300 | 270 |
| 7 | 400 | 305 |
| 8 | 500 | 306 |
| 9 | 600 | 336 |
| 10 | 700 | 321 |
| 11 | 1000 | 366 |
| 12 | 2000 | 413 |
| 13 | 3000 | 411 |
| 14 | 7000 | 400 |
| 15 | 10380 | 214 |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary



Overall Results for Ladder

Noise: 0.3

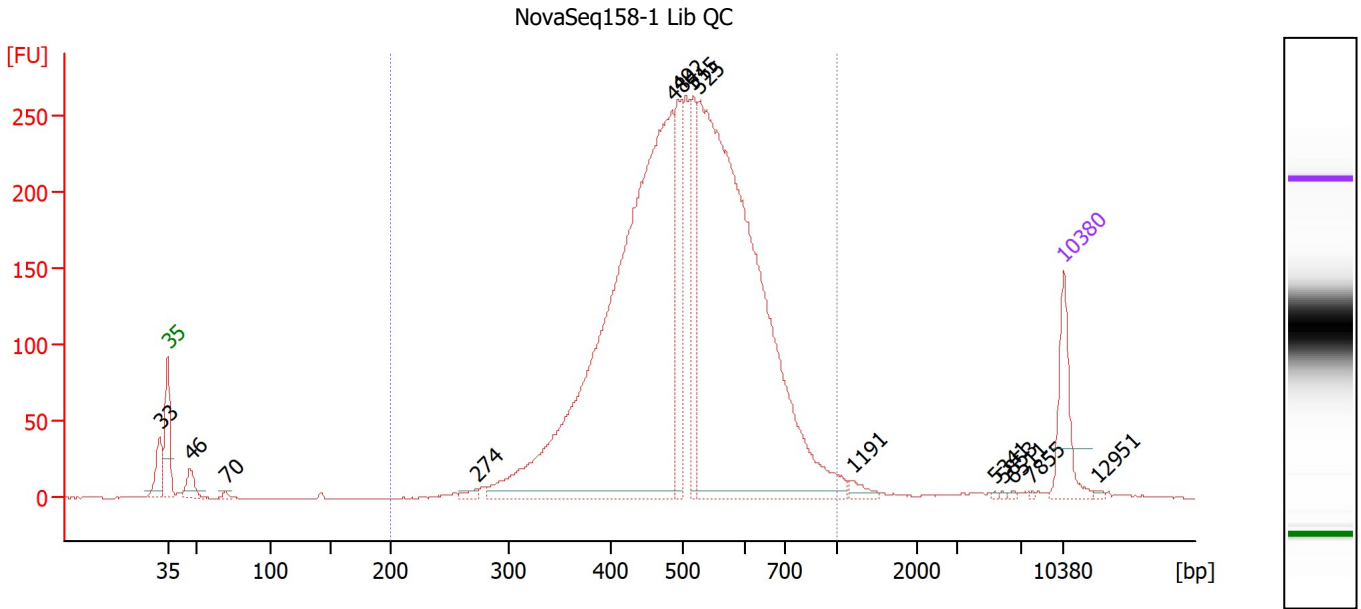
Peak table for Ladder

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 50 | 150.00 | 4,545.5 | Ladder Peak |
| 3 | 100 | 150.00 | 2,272.7 | Ladder Peak |
| 4 | 150 | 150.00 | 1,515.2 | Ladder Peak |
| 5 | 200 | 150.00 | 1,136.4 | Ladder Peak |
| 6 | 300 | 150.00 | 757.6 | Ladder Peak |
| 7 | 400 | 150.00 | 568.2 | Ladder Peak |
| 8 | 500 | 150.00 | 454.5 | Ladder Peak |
| 9 | 600 | 150.00 | 378.8 | Ladder Peak |
| 10 | 700 | 150.00 | 324.7 | Ladder Peak |
| 11 | 1,000 | 150.00 | 227.3 | Ladder Peak |
| 12 | 2,000 | 150.00 | 113.6 | Ladder Peak |
| 13 | 3,000 | 150.00 | 75.8 | Ladder Peak |
| 14 | 7,000 | 150.00 | 32.5 | Ladder Peak |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : NovaSeq158-1 Lib QC

Number of peaks found: 14 Corr. Area 1: 4,212.8
 Noise: 0.3

Peak table for sample 1 : NovaSeq158-1 Lib QC

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 33 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 46 | 40.12 | 1,314.6 | |
| 4 | 70 | 6.38 | 139.1 | |
| 5 | 274 | 11.59 | 64.2 | |
| 6 | 484 | 1,468.91 | 4,602.2 | |
| 7 | 492 | 165.67 | 509.7 | |
| 8 | 515 | 150.51 | 442.7 | |
| 9 | 525 | 1,358.99 | 3,923.9 | |
| 10 | 1,191 | 14.27 | 18.2 | |
| 11 | 5,341 | 1.58 | 0.4 | |
| 12 | 5,853 | 1.65 | 0.4 | |
| 13 | 6,511 | 2.36 | 0.5 | |
| 14 | 7,855 | 1.75 | 0.3 | |
| 15 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 16 | 12,951 | 0.00 | 0.0 | |

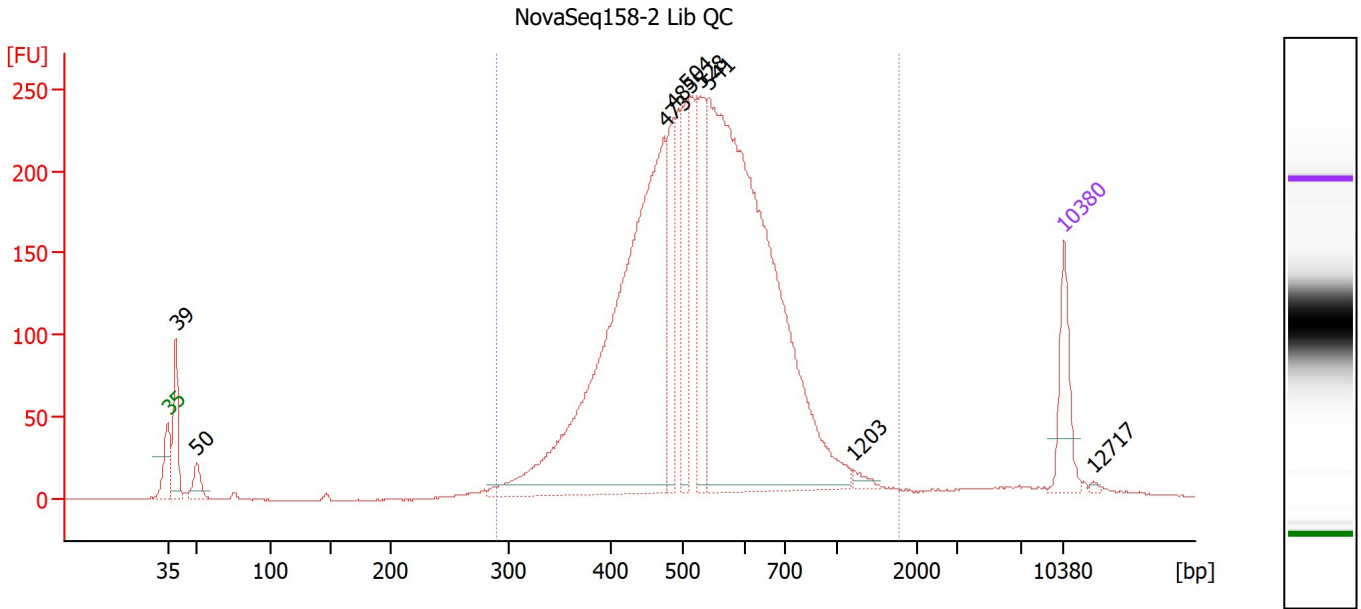
Region table for sample 1 : NovaSeq158-1 Lib QC

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,000 | 4,212.8 | 95 | 512 | 21.3 | 3,304.32 | 10,411.4 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : NovaSeq158-2 Lib QC

Number of peaks found: 9 Corr. Area 1: 4,134.5
 Noise: 0.3

Peak table for sample 2 : NovaSeq158-2 Lib QC

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 39 | 138.42 | 5,359.6 | |
| 3 | 50 | 47.33 | 1,441.4 | |
| 4 | 473 | 1,120.46 | 3,586.0 | |
| 5 | 485 | 140.22 | 437.7 | |
| 6 | 504 | 157.97 | 475.1 | |
| 7 | 528 | 175.80 | 504.6 | |
| 8 | 541 | 1,363.99 | 3,817.5 | |
| 9 | 1,203 | 10.64 | 13.4 | |
| 10 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 11 | 12,717 | 0.00 | 0.0 | |

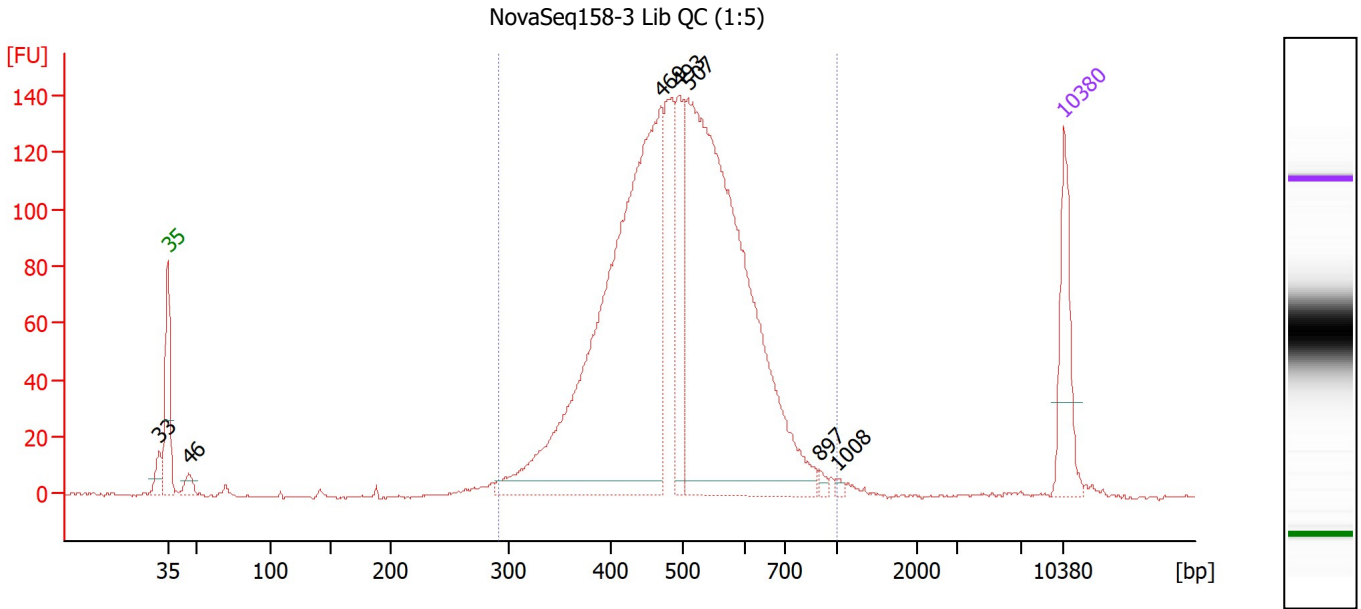
Region table for sample 2 : NovaSeq158-2 Lib QC

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 290 | 1,772 | 4,134.5 | 93 | 548 | 29.1 | 3,353.57 | 10,050.9 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : NovaSeq158-3 Lib QC (1:5)

Number of peaks found: 7 Corr. Area 1: 2,159.1
 Noise: 0.4

Peak table for sample 3 : NovaSeq158-3 Lib QC (1:5)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 33 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 46 | 17.31 | 575.0 | |
| 4 | 469 | 885.38 | 2,862.2 | |
| 5 | 493 | 127.06 | 390.1 | |
| 6 | 507 | 901.19 | 2,693.2 | |
| 7 | 897 | 5.49 | 9.3 | |
| 8 | 1,008 | 3.42 | 5.1 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |

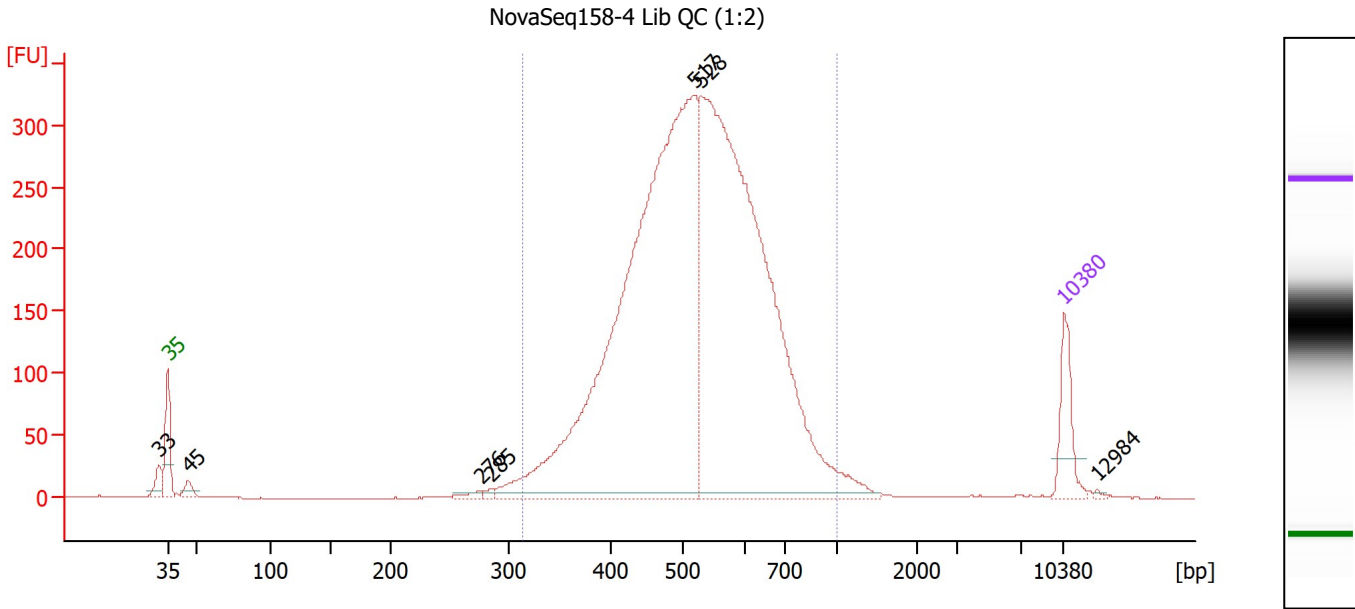
Region table for sample 3 : NovaSeq158-3 Lib QC (1:5)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 291 | 1,000 | 2,159.1 | 96 | 500 | 20.1 | 2,077.63 | 6,616.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : NovaSeq158-4 Lib QC (1:2)

Number of peaks found: 7 Corr. Area 1: 4,924.6
 Noise: 0.4

Peak table for sample 4 : NovaSeq158-4 Lib QC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 33 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 45 | 27.31 | 914.7 | |
| 4 | 276 | 12.18 | 66.9 | |
| 5 | 285 | 8.41 | 44.7 | |
| 6 | 517 | 1,963.56 | 5,755.9 | |
| 7 | 528 | 1,763.63 | 5,060.5 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 9 | 12,984 | 0.00 | 0.0 | |

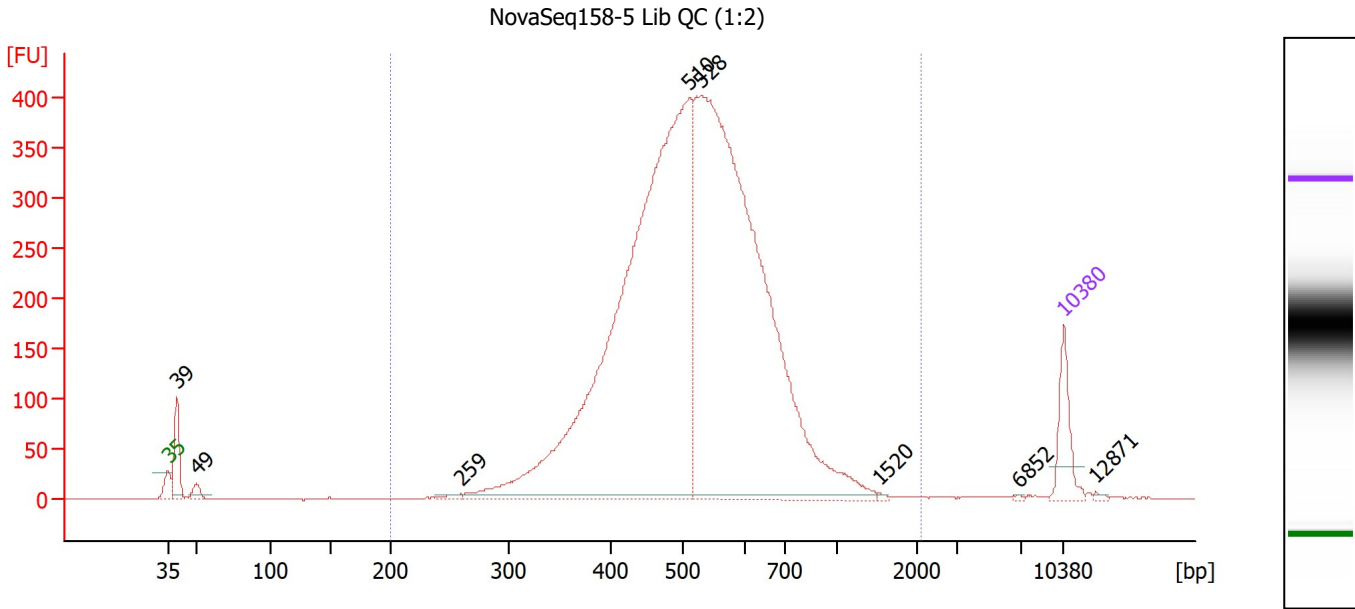
Region table for sample 4 : NovaSeq158-4 Lib QC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 313 | 1,000 | 4,924.5 | 96 | 530 | 20.7 | 3,674.61 | 11,079.6 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 5 : NovaSeq158-5 Lib QC (1:2)

Number of peaks found: 8 Corr. Area 1: 6,272.6
 Noise: 0.3

Peak table for sample 5 : NovaSeq158-5 Lib QC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 39 | 120.78 | 4,644.1 | |
| 3 | 49 | 26.84 | 822.1 | |
| 4 | 259 | 10.37 | 60.6 | |
| 5 | 510 | 2,190.29 | 6,509.1 | |
| 6 | 528 | 2,082.89 | 5,973.1 | |
| 7 | 1,520 | 2.86 | 2.8 | |
| 8 | 6,852 | 1.86 | 0.4 | |
| 9 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 10 | 12,871 | 0.00 | 0.0 | |

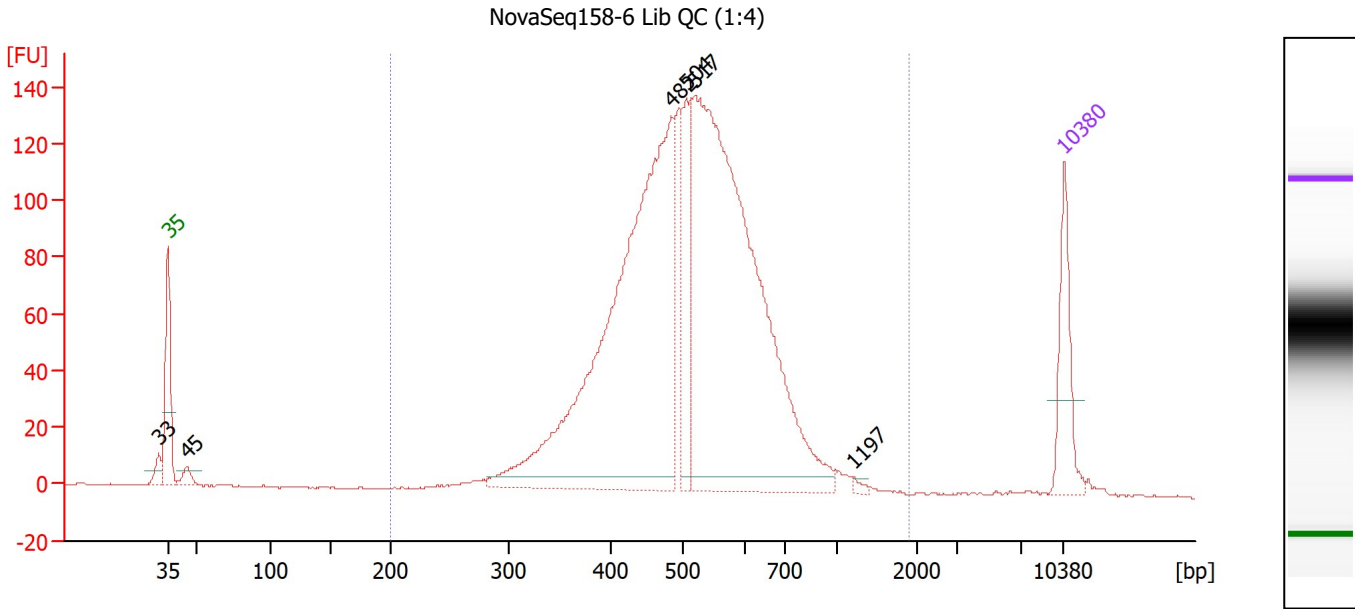
Region table for sample 5 : NovaSeq158-5 Lib QC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,124 | 6,272.6 | 97 | 533 | 27.5 | 4,351.48 | 13,361.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 6 : NovaSeq158-6 Lib QC (1:4)

Number of peaks found: 6 Corr. Area 1: 2,120.7
 Noise: 0.3

Peak table for sample 6 : NovaSeq158-6 Lib QC (1:4)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 33 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 45 | 20.68 | 700.4 | |
| 4 | 482 | 921.14 | 2,894.0 | |
| 5 | 504 | 113.05 | 339.8 | |
| 6 | 517 | 1,006.32 | 2,949.9 | |
| 7 | 1,197 | 4.55 | 5.8 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |

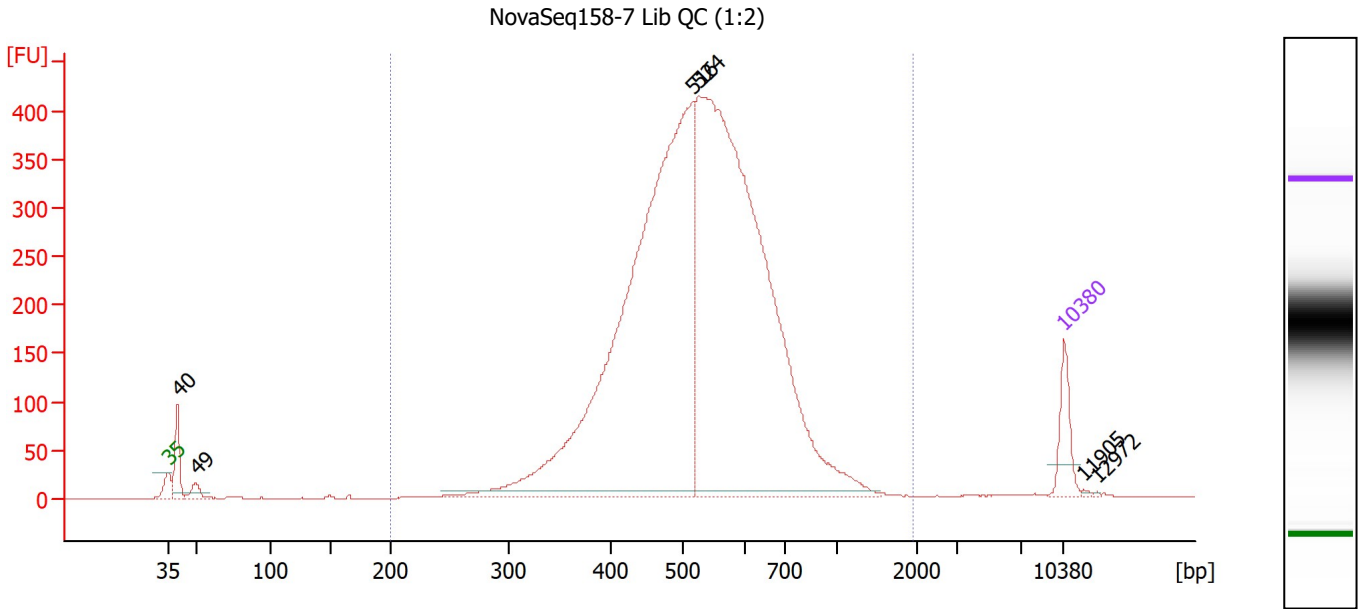
Region table for sample 6 : NovaSeq158-6 Lib QC (1:4)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,897 | 2,120.7 | 98 | 521 | 25.5 | 2,188.05 | 6,836.8 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : NovaSeq158-7 Lib QC (1:2)

Number of peaks found: 6 Corr. Area 1: 6,336.2
 Noise: 0.3

Peak table for sample 7 : NovaSeq158-7 Lib QC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 40 | 128.37 | 4,873.4 | |
| 3 | 49 | 31.53 | 973.6 | |
| 4 | 516 | 2,298.49 | 6,751.2 | |
| 5 | 524 | 2,437.50 | 7,042.6 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 7 | 11,905 | 0.00 | 0.0 | |
| 8 | 12,972 | 0.00 | 0.0 | |

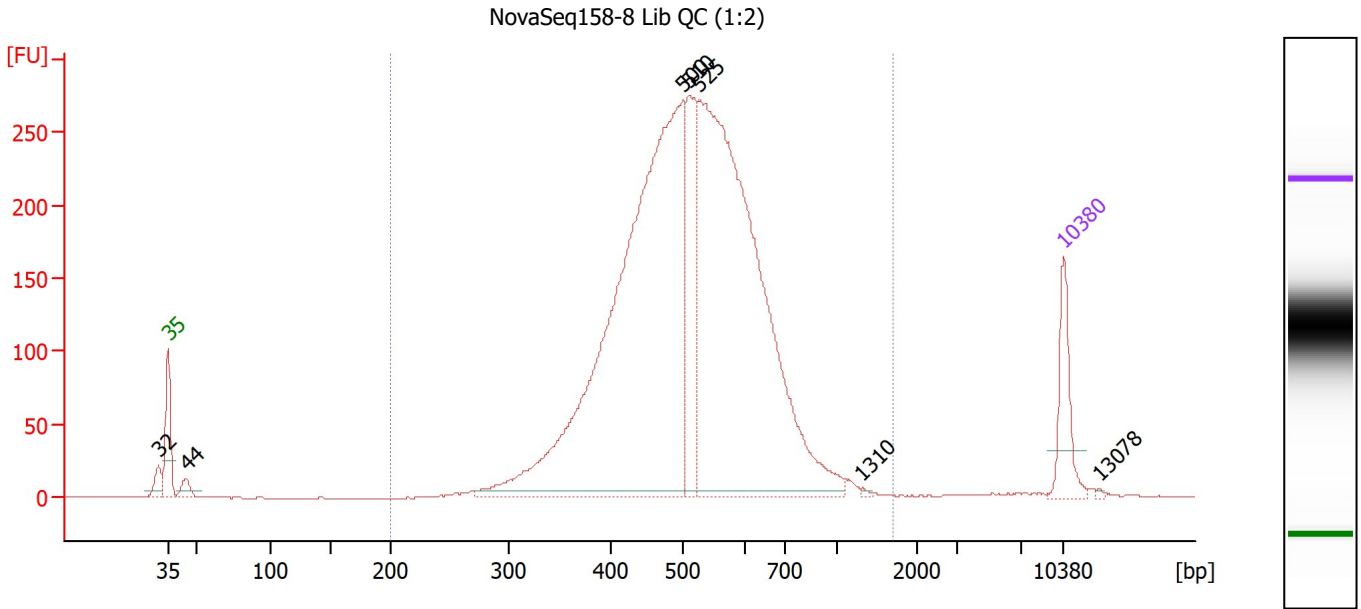
Region table for sample 7 : NovaSeq158-7 Lib QC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,947 | 6,336.2 | 95 | 541 | 27.4 | 4,887.79 | 14,808.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : NovaSeq158-8 Lib QC (1:2)

Number of peaks found: 7 Corr. Area 1: 4,222.3
 Noise: 0.3

Peak table for sample 8 : NovaSeq158-8 Lib QC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 26.92 | 926.5 | |
| 4 | 500 | 1,440.21 | 4,364.8 | |
| 5 | 510 | 218.84 | 650.5 | |
| 6 | 525 | 1,272.36 | 3,671.7 | |
| 7 | 1,310 | 2.68 | 3.1 | |
| 8 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 9 | 13,078 | 0.00 | 0.0 | |

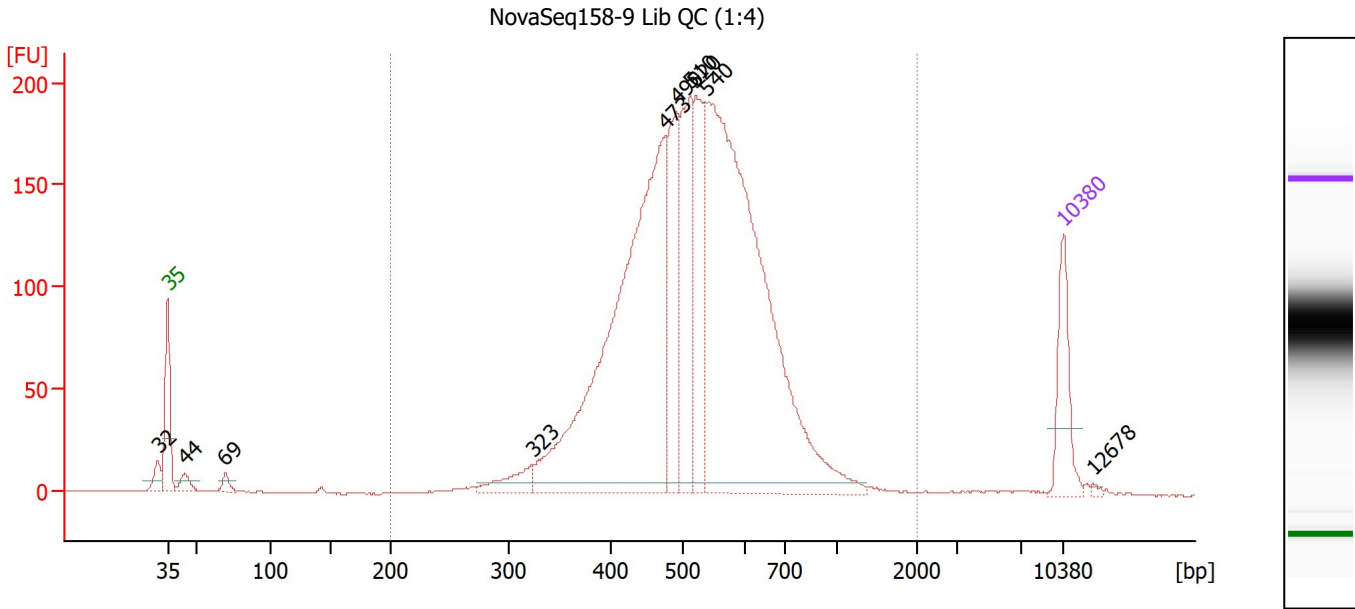
Region table for sample 8 : NovaSeq158-8 Lib QC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,696 | 4,222.3 | 97 | 523 | 24.8 | 3,002.16 | 9,307.5 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : NovaSeq158-9 Lib QC (1:4)

Number of peaks found: 10 Corr. Area 1: 2,968.0
 Noise: 0.2

Peak table for sample 9 : NovaSeq158-9 Lib QC (1:4)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 44 | 24.19 | 838.0 | |
| 4 | 69 | 15.86 | 347.8 | |
| 5 | 323 | 44.41 | 208.4 | |
| 6 | 473 | 900.26 | 2,885.9 | |
| 7 | 490 | 200.06 | 618.6 | |
| 8 | 510 | 225.23 | 669.1 | |
| 9 | 520 | 192.81 | 561.9 | |
| 10 | 540 | 1,036.30 | 2,909.3 | |
| 11 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 12 | 12,678 | 0.00 | 0.0 | |

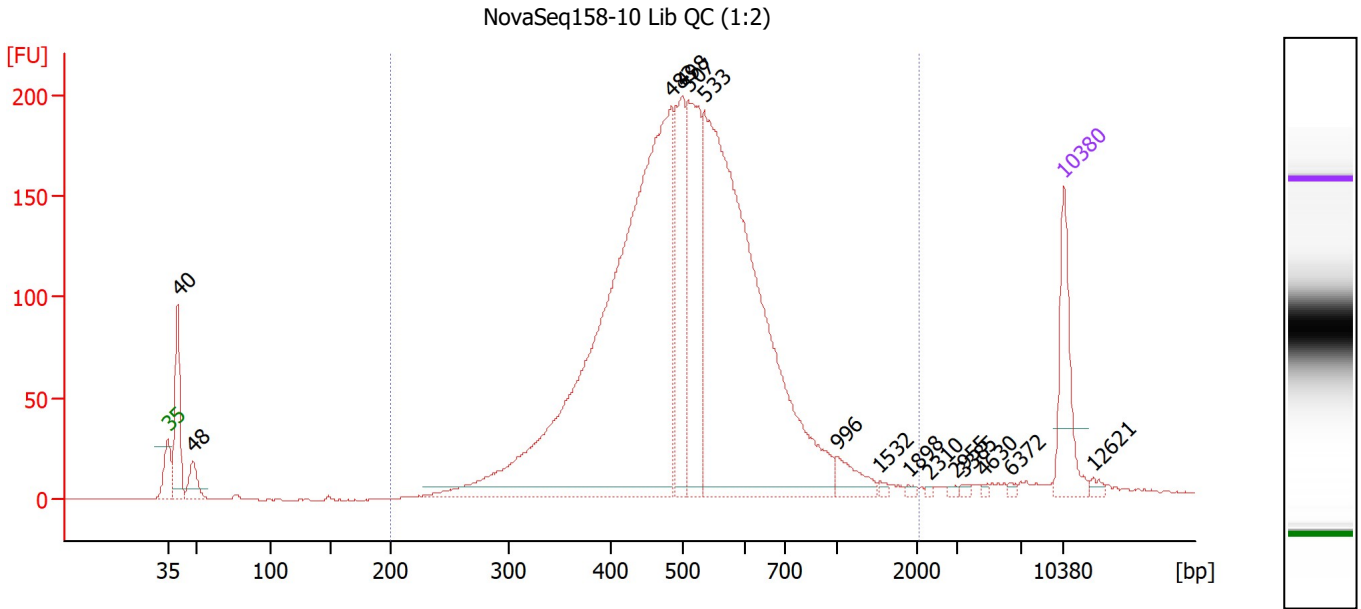
Region table for sample 9 : NovaSeq158-9 Lib QC (1:4)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 1,996 | 2,968.0 | 96 | 532 | 27.5 | 2,651.93 | 8,131.7 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : NovaSeq158-10 Lib QC (1:2)

Number of peaks found: 15 Corr. Area 1: 3,305.4
 Noise: 0.2

Peak table for sample 10 : NovaSeq158-10 Lib QC (1:2)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 2 | 40 | 127.54 | 4,827.2 | |
| 3 | 48 | 39.00 | 1,237.6 | |
| 4 | 483 | 1,120.98 | 3,516.4 | |
| 5 | 498 | 174.99 | 532.8 | |
| 6 | 507 | 218.77 | 653.8 | |
| 7 | 533 | 883.24 | 2,509.2 | |
| 8 | 996 | 29.81 | 45.4 | |
| 9 | 1,532 | 3.51 | 3.5 | |
| 10 | 1,898 | 3.05 | 2.4 | |
| 11 | 2,310 | 1.92 | 1.3 | |
| 12 | 2,955 | 2.38 | 1.2 | |
| 13 | 3,385 | 3.24 | 1.5 | |
| 14 | 4,630 | 2.32 | 0.8 | |
| 15 | 6,372 | 2.45 | 0.6 | |
| 16 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 17 | 12,621 | 0.00 | 0.0 | |

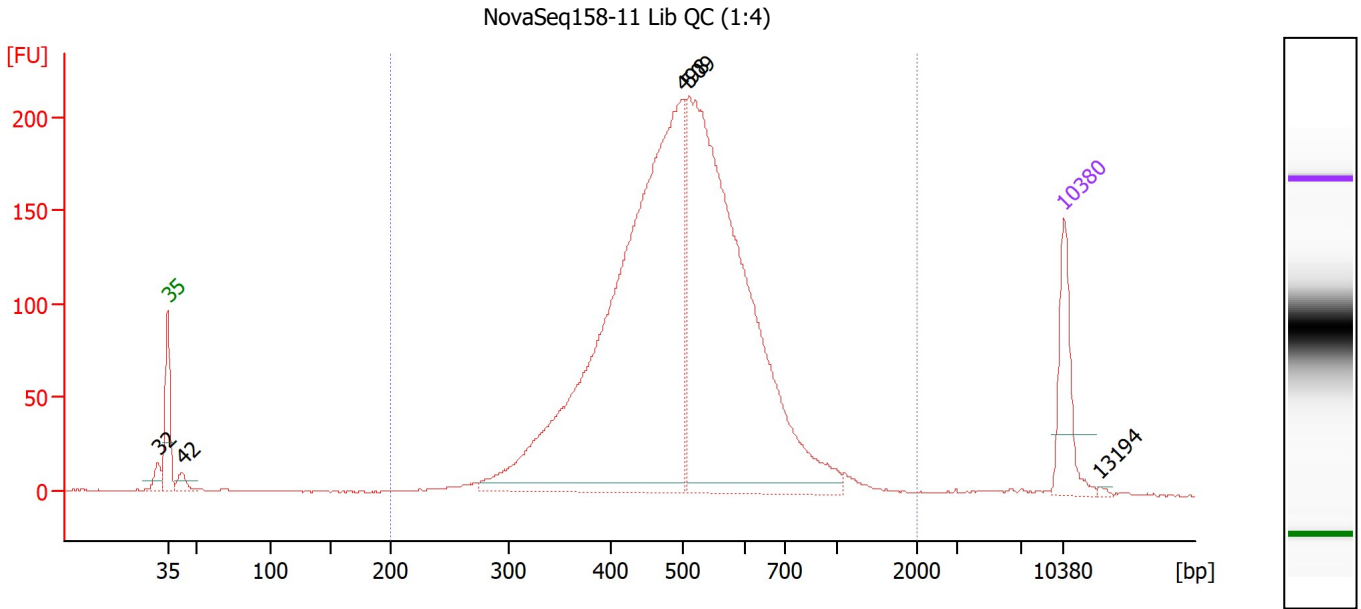
Region table for sample 10 : NovaSeq158-10 Lib QC (1:2)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,052 | 3,305.4 | 92 | 530 | 35.7 | 2,569.35 | 8,175.0 | Blue |

Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : NovaSeq158-11 Lib QC (1:4)

Number of peaks found: 5 Corr. Area 1: 3,117.7
 Noise: 0.3

Peak table for sample 11 : NovaSeq158-11 Lib QC (1:4)

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations |
|------|-----------|---------------|-------------------|--------------|
| 1 | 32 | 0.00 | 0.0 | |
| 2 | 35 | 125.00 | 5,411.3 | Lower Marker |
| 3 | 42 | 21.70 | 779.4 | |
| 4 | 498 | 1,260.33 | 3,835.0 | |
| 5 | 509 | 1,044.51 | 3,111.1 | |
| 6 | 10,380 | 75.00 | 10.9 | Upper Marker |
| 7 | 13,194 | 0.00 | 0.0 | |

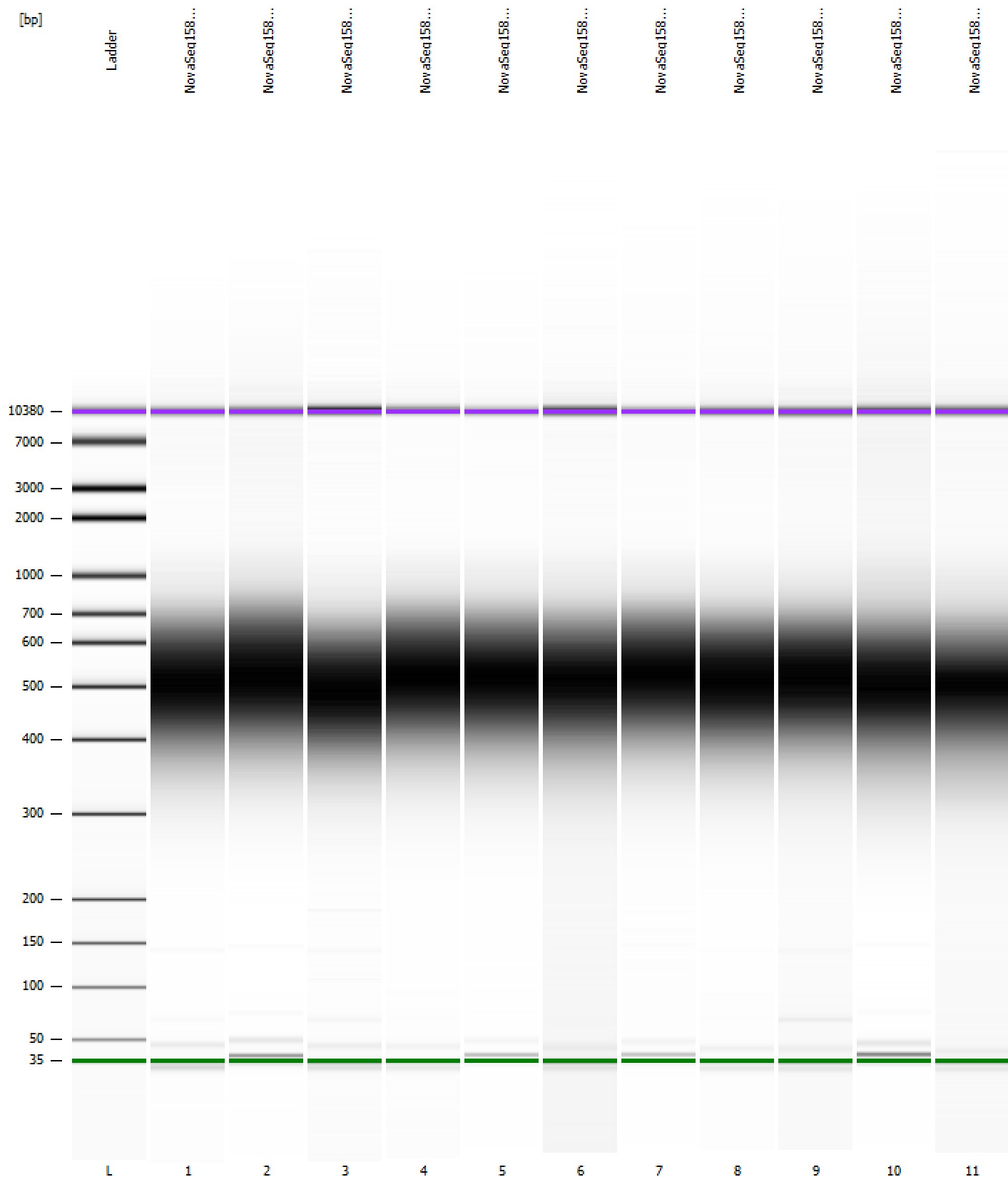
Region table for sample 11 : NovaSeq158-11 Lib QC (1:4)

| From [bp] | To [bp] | Corr. Area | % of Total | Average Size [bp] | Size distribution in CV [%] | Conc. [pg/μl] | Molarity [pmol/l] | Color |
|-----------|---------|------------|------------|-------------------|-----------------------------|---------------|-------------------|-------|
| 200 | 2,018 | 3,117.7 | 97 | 513 | 28.9 | 2,393.75 | 7,668.5 | Blue |

Assay Class: High Sensitivity DNA Assay
Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
Modified: 2/11/2020 4:09:17 PM

Gel Image



Assay Class: High Sensitivity DNA Assay
 Data Path: Z:\...\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad

Created: 2/11/2020 3:10:38 PM
 Modified: 2/11/2020 4:09:17 PM

Run Logbook

| Description | Number | Source | Category | Sub Category | Time | Time Zone | User | Host |
|---|--------|------------|----------|--------------|----------------------|-------------------------------------|---------|------------------|
| Run ended on port 1 (Number of wells acquired: 12) | | Instrument | Run | | 2/11/2020 3:51:56 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Run started on port 1 (File: Z:\XADs\2020-02-11\Bioanalyzer1_High Sensitivity DNA Assay_2020-02-11_001.xad) | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Product Number : G2938C | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Name : | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Vendor : Agilent Technologies | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Serial# : DE34903152 | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Firmware : C.01.069 | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |
| Cartridge : Electrode | | Instrument | Run | | 2/11/2020 3:10:44 PM | (GMT --08:00) Pacific Standard Time | sbsuser | DESKTOP-4UNV VOB |