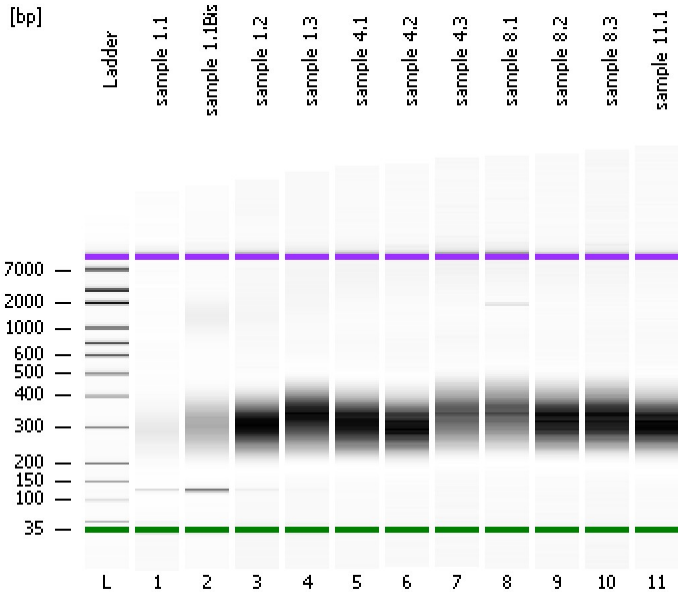


Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

Created: 7/1/2015 11:14:08 AM  
Modified: 7/1/2015 12:27:38 PM

**Electrophoresis File Run Summary**



Instrument Information:

Instrument Name: DE13701086      Firmware: C.01.069  
Serial#: DE13701086      Type: G2938B

Assay Information:

Assay Origin Path: C:\Program Files\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

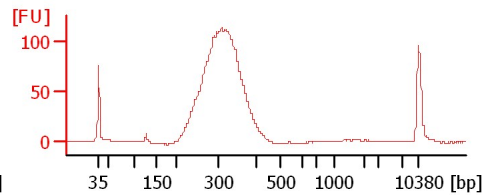
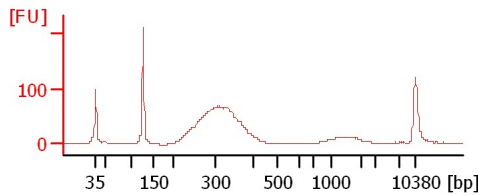
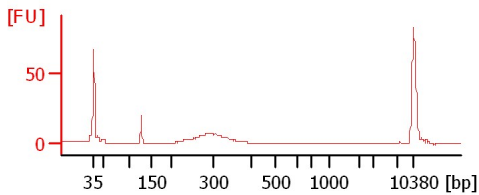
Chip Information:

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

sample 1.1

sample 1.1Bis

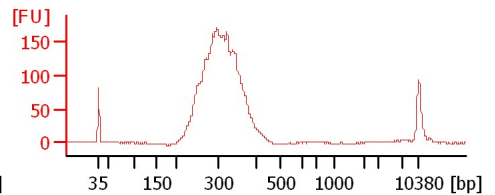
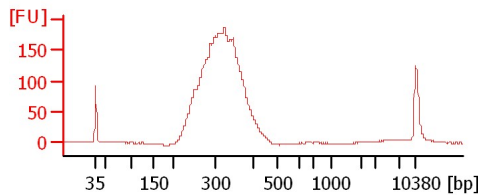
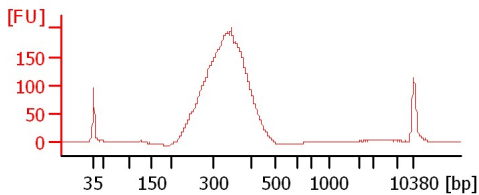
sample 1.2



sample 1.3

sample 4.1

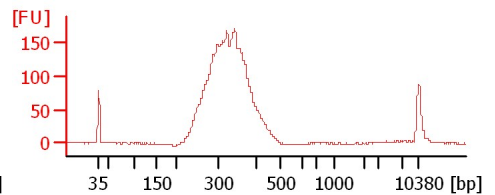
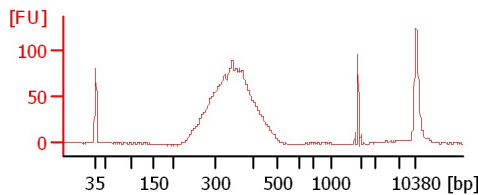
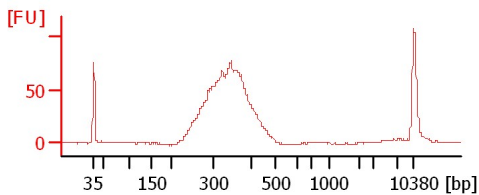
sample 4.2



sample 4.3

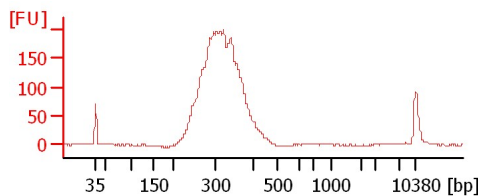
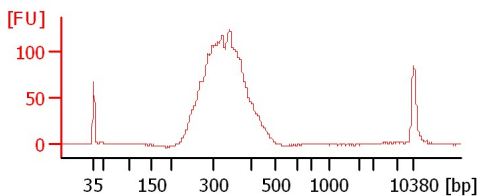
sample 8.1

sample 8.2



sample 8.3

sample 11.1



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

Created: 7/1/2015 11:14:08 AM  
 Modified: 7/1/2015 12:27:38 PM

**Electrophoresis File Run Summary (Chip Summary)**

| Sample Name   | Sample Comment | Rest. Digest             | Status | Observation | Result Label | Result Color |
|---------------|----------------|--------------------------|--------|-------------|--------------|--------------|
| sample 1.1    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 1.1Bis |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 1.2    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 1.3    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 4.1    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 4.2    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 4.3    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 8.1    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 8.2    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 8.3    |                | <input type="checkbox"/> | ✓      |             |              |              |
| sample 11.1   |                | <input type="checkbox"/> | ✓      |             |              |              |
| Ladder        |                | <input type="checkbox"/> | ✓      |             |              |              |

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

Created: 7/1/2015 11:14:08 AM  
Modified: 7/1/2015 12:27:38 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

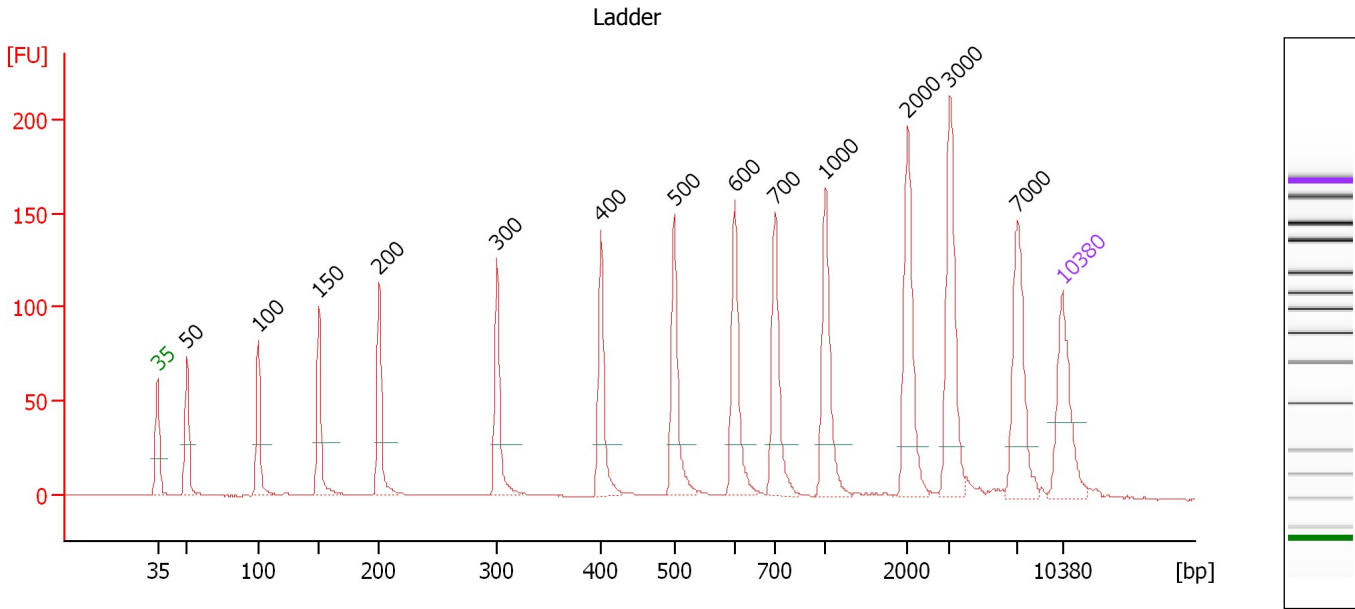
**Ladder**

| 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: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

Created: 7/1/2015 11:14:08 AM  
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**Electropherogram Summary**



**Overall Results for Ladder**

Noise: 0.1

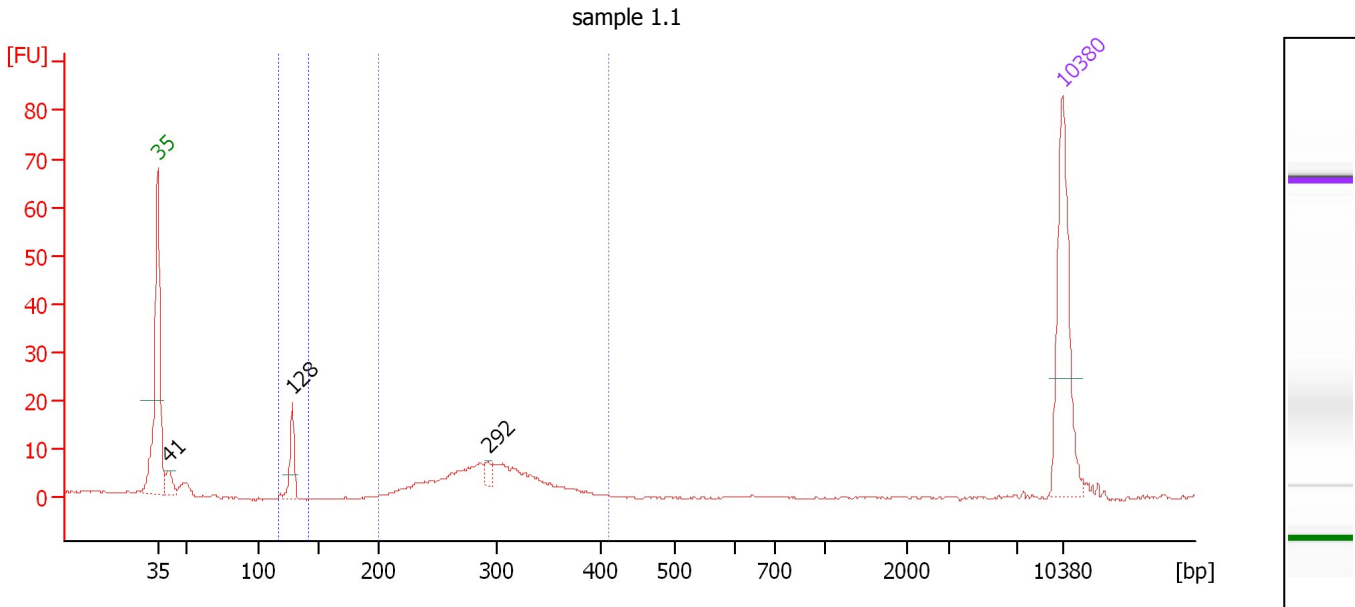
**Peak table for Ladder**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 50        | 150.00        | 4,545.5           | Ladder Peak  | 45.26                      |
| 3    | 100       | 150.00        | 2,272.7           | Ladder Peak  | 50.81                      |
| 4    | 150       | 150.00        | 1,515.2           | Ladder Peak  | 55.50                      |
| 5    | 200       | 150.00        | 1,136.4           | Ladder Peak  | 60.15                      |
| 6    | 300       | 150.00        | 757.6             | Ladder Peak  | 69.27                      |
| 7    | 400       | 150.00        | 568.2             | Ladder Peak  | 77.30                      |
| 8    | 500       | 150.00        | 454.5             | Ladder Peak  | 82.94                      |
| 9    | 600       | 150.00        | 378.8             | Ladder Peak  | 87.64                      |
| 10   | 700       | 150.00        | 324.7             | Ladder Peak  | 90.79                      |
| 11   | 1,000     | 150.00        | 227.3             | Ladder Peak  | 94.68                      |
| 12   | 2,000     | 150.00        | 113.6             | Ladder Peak  | 101.04                     |
| 13   | 3,000     | 150.00        | 75.8              | Ladder Peak  | 104.29                     |
| 14   | 7,000     | 150.00        | 32.5              | Ladder Peak  | 109.52                     |
| 15   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 1 : sample 1.1**

Number of peaks found: 3                      Corr. Area 1: 75.6  
 Noise: 0.2                                      Corr. Area 2: 13.0

**Peak table for sample 1 : sample 1.1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 41        | 16.16         | 601.0             |              | 43.86                      |
| 3    | 128       | 29.76         | 353.1             |              | 53.41                      |
| 4    | 292       | 6.60          | 34.3              |              | 68.55                      |
| 5    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

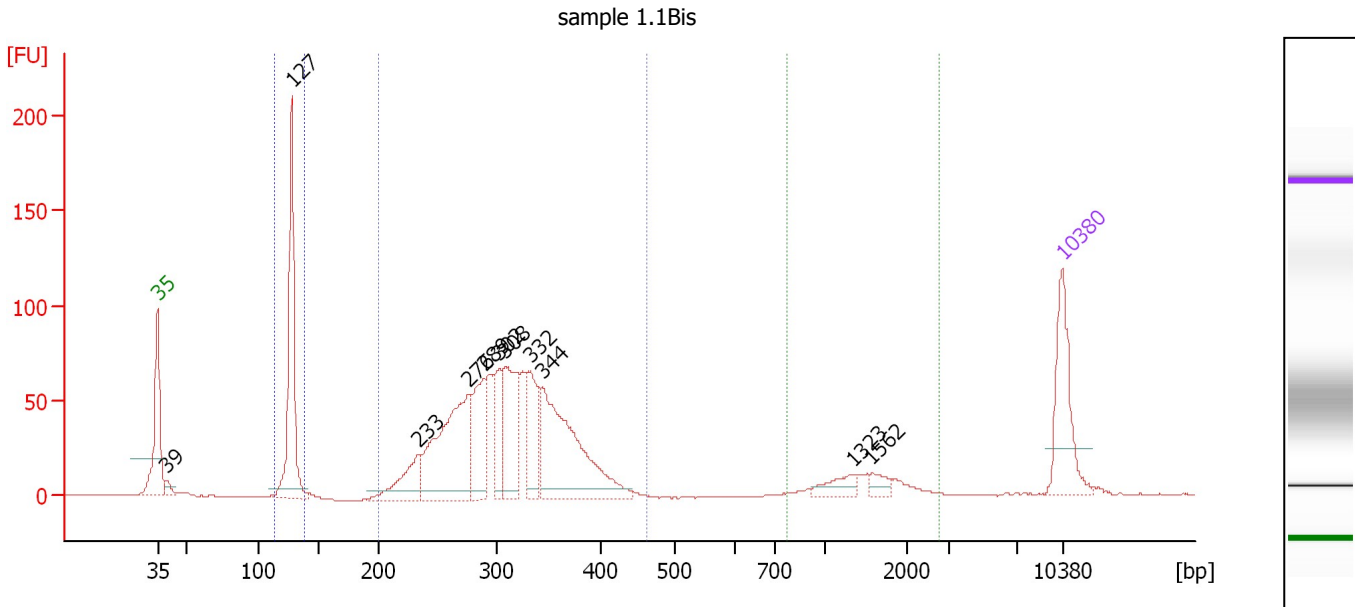
**Region table for sample 1 : sample 1.1**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 117       | 128               | 142     | 13.0       | 290.5             | 13                | 1.1                         | 24.46         |
| 200       | 294               | 411     | 75.6       | 599.4             | 73                | 12.2                        | 114.48        |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : sample 1.1Bis**

Number of peaks found: 11                      Corr. Area 2: 199.8  
 Noise: 0.2    Corr. Area 3: 80.5  
 Corr. Area 1: 1,042.8

**Peak table for sample 2 : sample 1.1Bis**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 39        | 13.75         | 530.4             |              | 43.65                      |
| 3    | 127       | 233.50        | 2,779.6           |              | 53.37                      |
| 4    | 233       | 69.98         | 454.5             |              | 63.18                      |
| 5    | 276       | 225.29        | 1,235.7           |              | 67.10                      |
| 6    | 289       | 92.34         | 484.3             |              | 68.25                      |
| 7    | 302       | 58.89         | 295.2             |              | 69.45                      |
| 8    | 308       | 115.73        | 569.3             |              | 69.91                      |
| 9    | 332       | 80.84         | 368.8             |              | 71.85                      |
| 10   | 344       | 231.70        | 1,021.7           |              | 72.77                      |
| 11   | 1,323     | 20.49         | 23.5              |              | 96.73                      |
| 12   | 1,562     | 12.15         | 11.8              |              | 98.25                      |
| 13   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

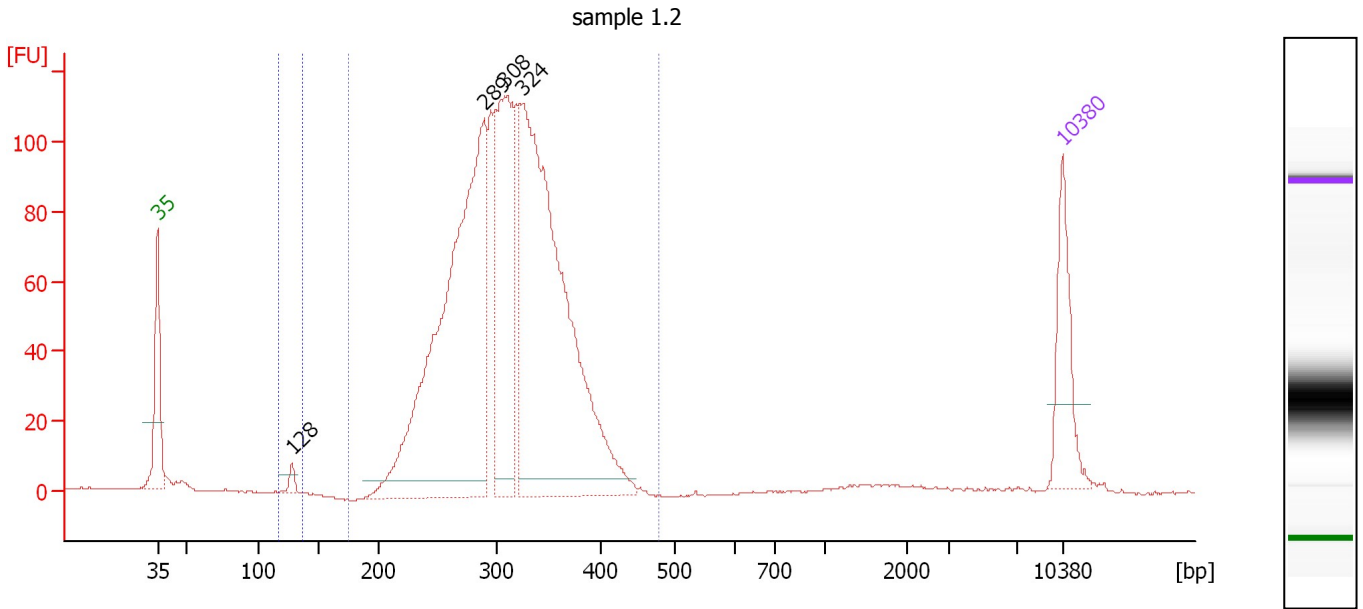
**Region table for sample 2 : sample 1.1Bis**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 113       | 127               | 137     | 199.8      | 2,649.3           | 15                | 2.2                         | 222.12        |
| 200       | 310               | 462     | 1,042.8    | 4,580.9           | 77                | 14.7                        | 913.32        |
| 770       | 1,488             | 2,730   | 80.5       | 54.0              | 6                 | 26.5                        | 49.99         |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 3 : sample 1.2**

Number of peaks found: 4                      Corr. Area 1: 1,637.3  
 Noise: 0.2                                      Corr. Area 2: 5.3

**Peak table for sample 3 : sample 1.2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 128       | 11.96         | 142.0             |              | 53.39                      |
| 3    | 289       | 756.44        | 3,962.8           |              | 68.28                      |
| 4    | 308       | 326.33        | 1,607.5           |              | 69.88                      |
| 5    | 324       | 756.30        | 3,537.8           |              | 71.19                      |
| 6    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

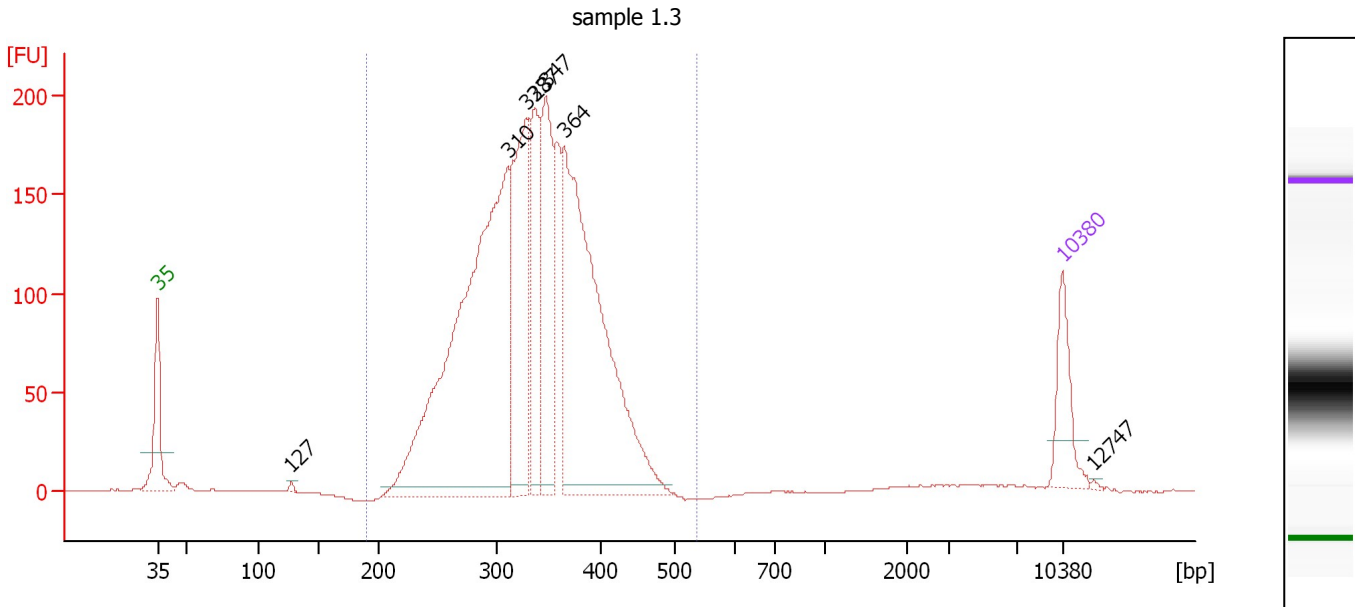
**Region table for sample 3 : sample 1.2**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 116       | 128               | 136     | 5.3        | 93.5              | 0                 | 1.1                         | 7.88          |
| 174       | 310               | 479     | 1,637.3    | 9,614.5           | 98                | 14.0                        | 1,920.65      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : sample 1.3**

Number of peaks found: 7                      Corr. Area 1: 2,991.5  
 Noise: 0.2

**Peak table for sample 4 : sample 1.3**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 127       | 5.15          | 61.3              |              | 53.35                      |
| 3    | 310       | 1,134.39      | 5,537.2           |              | 70.10                      |
| 4    | 328       | 397.65        | 1,838.9           |              | 71.49                      |
| 5    | 337       | 210.06        | 945.7             |              | 72.20                      |
| 6    | 347       | 290.75        | 1,268.7           |              | 73.06                      |
| 7    | 364       | 815.95        | 3,392.1           |              | 74.45                      |
| 8    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 9    | 12,747    | 0.00          | 0.0               |              | 115.43                     |

**Region table for sample 4 : sample 1.3**

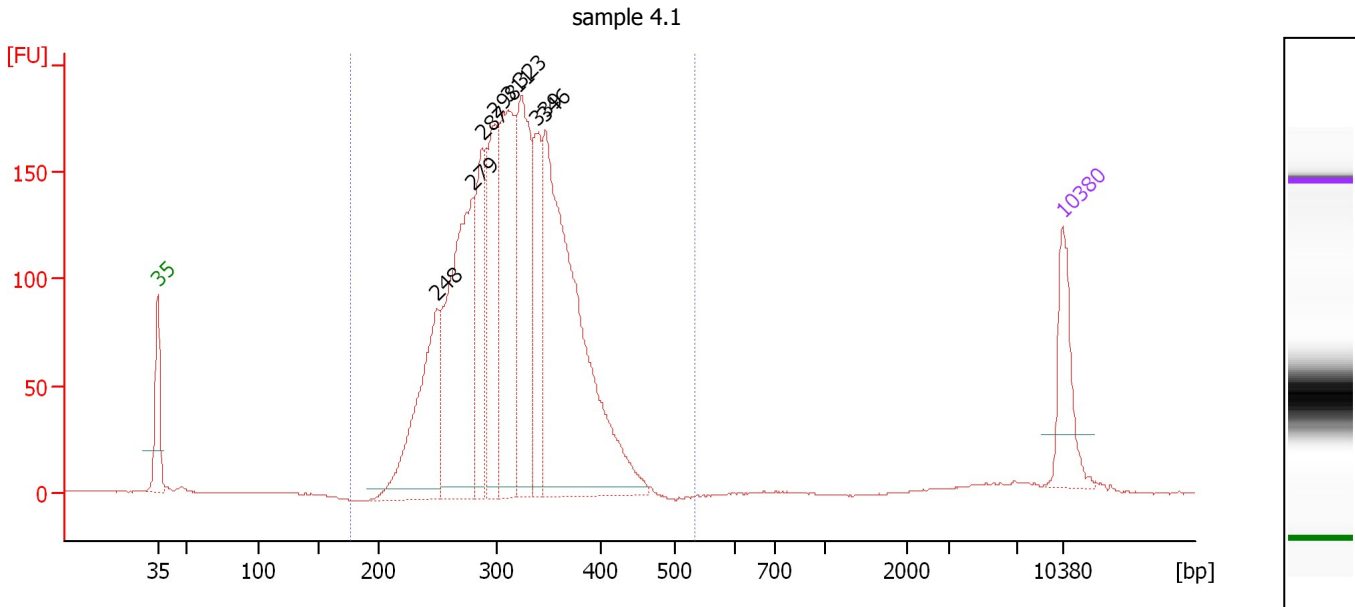
| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 190       | 333               | 538     | 2,991.5    | 13,968.8          | 98                | 15.2                        | 2,979.12      |



Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 5 : sample 4.1**

Number of peaks found: 8                      Corr. Area 1: 2,778.6  
 Noise: 0.2

**Peak table for sample 5 : sample 4.1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 248       | 277.26        | 1,691.3           |              | 64.56                      |
| 3    | 279       | 446.10        | 2,426.0           |              | 67.32                      |
| 4    | 287       | 177.86        | 938.7             |              | 68.09                      |
| 5    | 298       | 201.37        | 1,024.9           |              | 69.06                      |
| 6    | 311       | 317.77        | 1,550.0           |              | 70.12                      |
| 7    | 323       | 285.83        | 1,339.7           |              | 71.14                      |
| 8    | 339       | 150.18        | 671.4             |              | 72.39                      |
| 9    | 346       | 676.30        | 2,960.5           |              | 72.97                      |
| 10   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

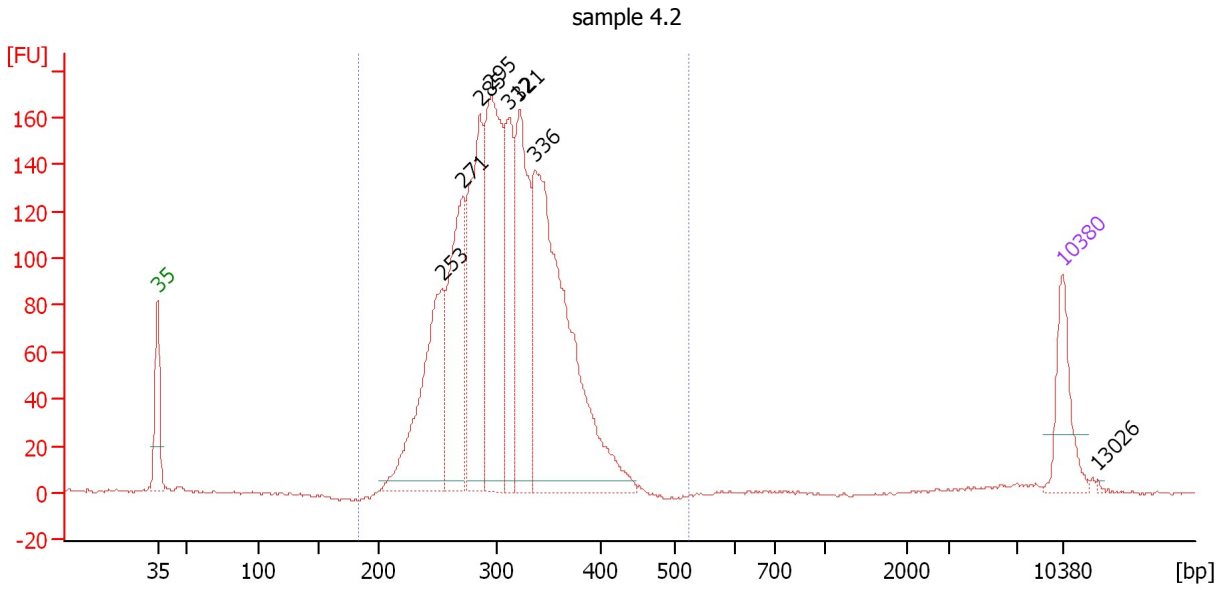
**Region table for sample 5 : sample 4.1**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 176       | 316               | 536     | 2,778.6    | 12,082.1          | 99                | 14.7                        | 2,450.13      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 6 : sample 4.2**

Number of peaks found: 8                      Corr. Area 1: 2,383.6  
 Noise: 0.5

**Peak table for sample 6 : sample 4.2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 253       | 358.05        | 2,142.1           |              | 65.01                      |
| 3    | 271       | 309.24        | 1,729.9           |              | 66.61                      |
| 4    | 285       | 353.84        | 1,879.6           |              | 67.92                      |
| 5    | 295       | 433.69        | 2,228.8           |              | 68.79                      |
| 6    | 312       | 213.45        | 1,037.7           |              | 70.20                      |
| 7    | 321       | 310.90        | 1,466.0           |              | 70.98                      |
| 8    | 336       | 716.74        | 3,227.7           |              | 72.19                      |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 10   | 13,026    | 0.00          | 0.0               |              | 115.72                     |

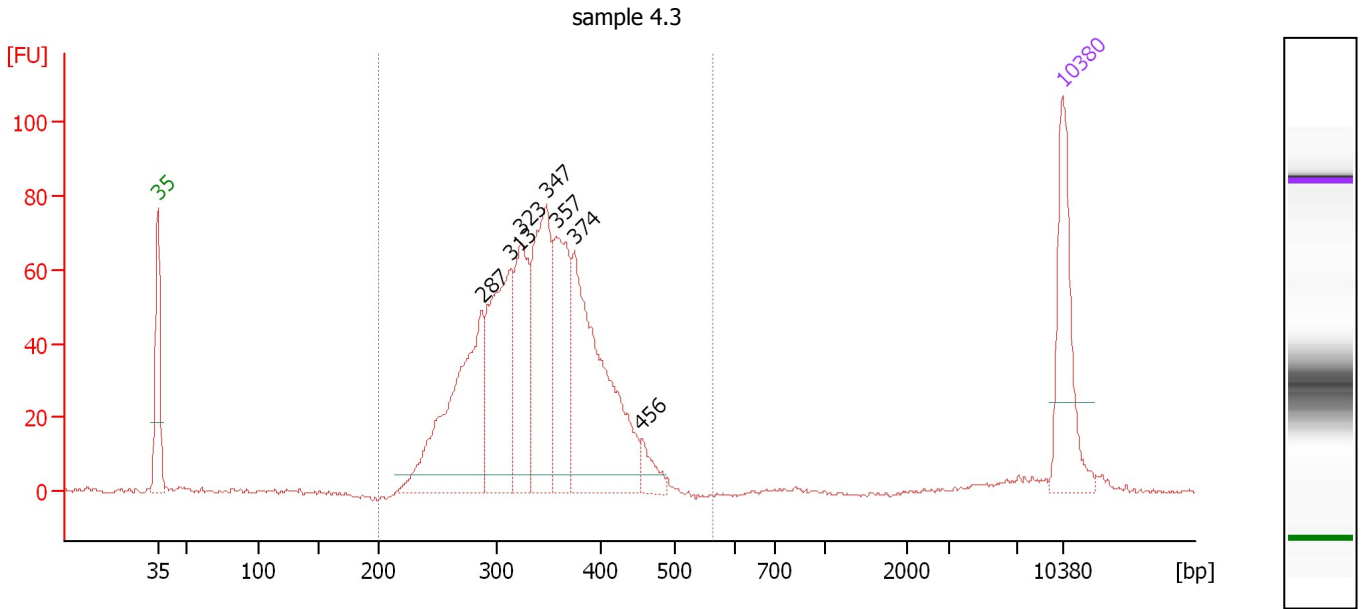
**Region table for sample 6 : sample 4.2**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 183       | 308               | 525     | 2,383.6    | 13,485.8          | 98                | 14.2                        | 2,679.00      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 7 : sample 4.3**

Number of peaks found: 7                      Corr. Area 1: 1,098.0  
 Noise: 0.5

**Peak table for sample 7 : sample 4.3**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 287       | 224.50        | 1,184.1           |              | 68.11                      |
| 3    | 313       | 175.12        | 847.4             |              | 70.32                      |
| 4    | 323       | 115.47        | 541.8             |              | 71.11                      |
| 5    | 347       | 162.77        | 709.8             |              | 73.08                      |
| 6    | 357       | 125.06        | 531.3             |              | 73.82                      |
| 7    | 374       | 237.02        | 959.2             |              | 75.24                      |
| 8    | 456       | 20.44         | 67.9              |              | 80.46                      |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

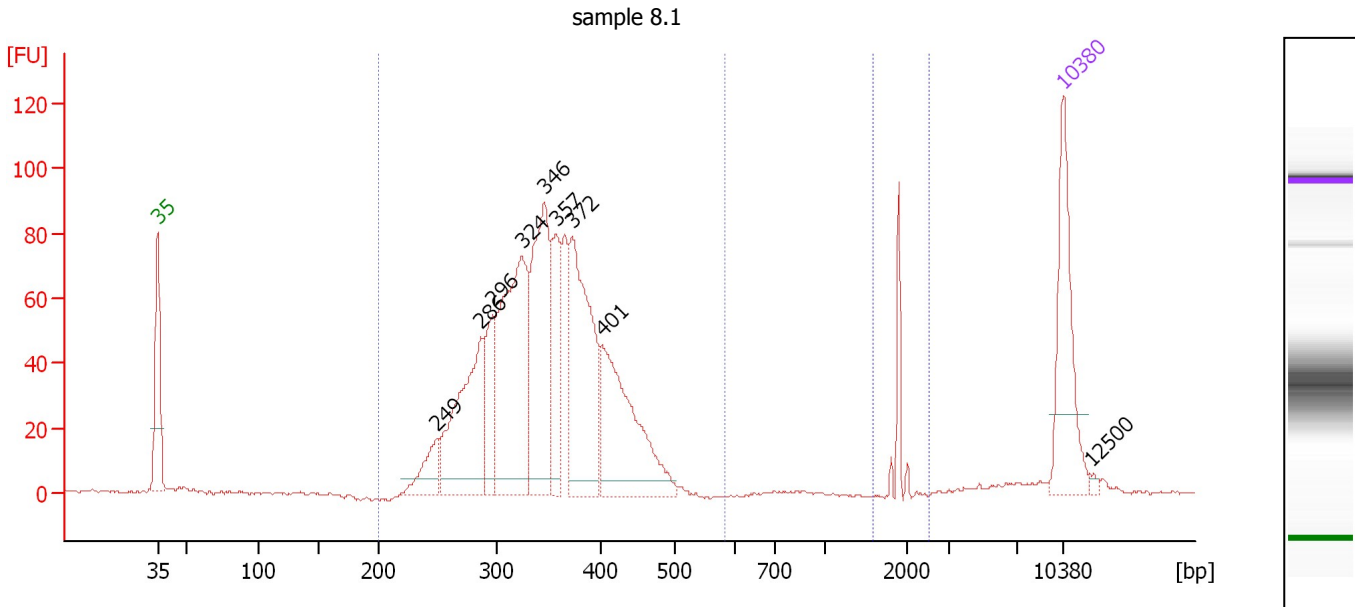
**Region table for sample 7 : sample 4.3**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 200       | 340               | 563     | 1,098.0    | 4,822.9           | 98                | 15.4                        | 1,046.72      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 8 : sample 8.1**

Number of peaks found: 9                      Corr. Area 1: 1,225.6  
 Noise: 0.5                                      Corr. Area 2: 29.9

**Peak table for sample 8 : sample 8.1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 249       | 36.99         | 224.8             |              | 64.65                      |
| 3    | 286       | 153.95        | 814.7             |              | 68.02                      |
| 4    | 296       | 53.08         | 271.7             |              | 68.91                      |
| 5    | 324       | 213.92        | 1,000.6           |              | 71.19                      |
| 6    | 346       | 165.55        | 724.7             |              | 72.97                      |
| 7    | 357       | 69.70         | 296.1             |              | 73.81                      |
| 8    | 372       | 173.73        | 707.6             |              | 75.05                      |
| 9    | 401       | 147.58        | 557.0             |              | 77.38                      |
| 10   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 11   | 12,500    | 0.00          | 0.0               |              | 115.18                     |

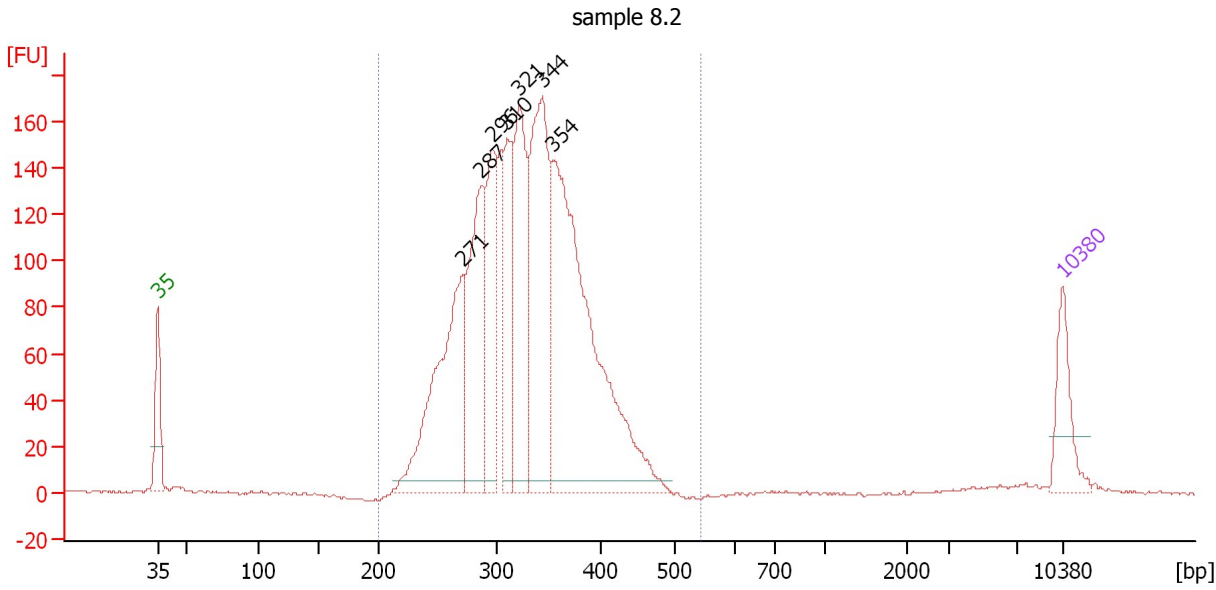
**Region table for sample 8 : sample 8.1**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of lor Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 200       | 347               | 583     | 1,225.6    | 4,787.4           | 96                | 15.4                        | 1,061.61      |
| 1,588     | 1,891             | 2,495   | 29.9       | 14.4              | 2                 | 2.2                         | 18.03         |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 9 : sample 8.2**

Number of peaks found: 7                      Corr. Area 1: 2,465.7  
 Noise: 0.7

**Peak table for sample 9 : sample 8.2**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 271       | 456.95        | 2,552.1           |              | 66.65                      |
| 3    | 287       | 325.84        | 1,722.8           |              | 68.04                      |
| 4    | 296       | 249.02        | 1,275.3           |              | 68.89                      |
| 5    | 310       | 214.40        | 1,049.4           |              | 70.03                      |
| 6    | 321       | 336.86        | 1,588.4           |              | 70.98                      |
| 7    | 344       | 453.98        | 2,001.7           |              | 72.77                      |
| 8    | 354       | 843.72        | 3,615.8           |              | 73.57                      |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

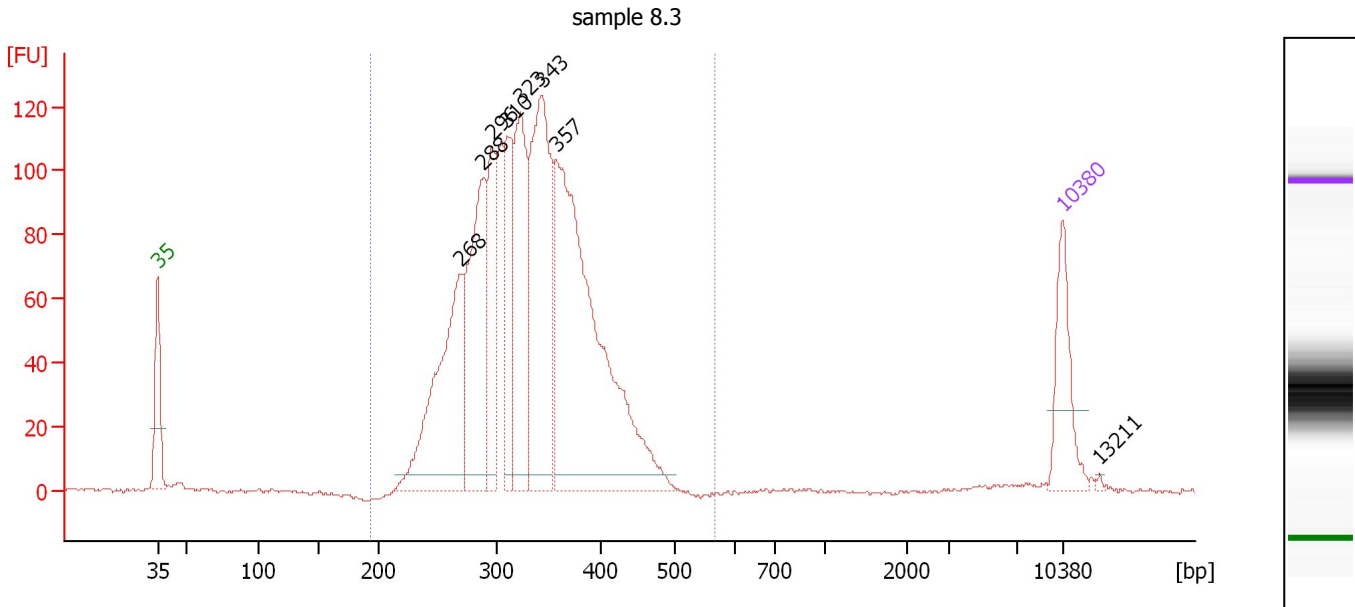
**Region table for sample 9 : sample 8.2**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 200       | 327               | 545     | 2,465.7    | 14,070.4          | 99                | 15.0                        | 2,953.36      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 10 : sample 8.3**

Number of peaks found: 8                      Corr. Area 1: 1,827.3  
 Noise: 0.7

**Peak table for sample 10 : sample 8.3**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 268       | 324.82        | 1,833.8           |              | 66.38                      |
| 3    | 288       | 285.71        | 1,502.1           |              | 68.19                      |
| 4    | 296       | 159.72        | 817.9             |              | 68.89                      |
| 5    | 310       | 142.91        | 699.2             |              | 70.05                      |
| 6    | 323       | 232.08        | 1,089.3           |              | 71.10                      |
| 7    | 343       | 368.79        | 1,627.0           |              | 72.76                      |
| 8    | 357       | 664.60        | 2,824.2           |              | 73.81                      |
| 9    | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |
| 10   | 13,211    | 0.00          | 0.0               |              | 115.91                     |

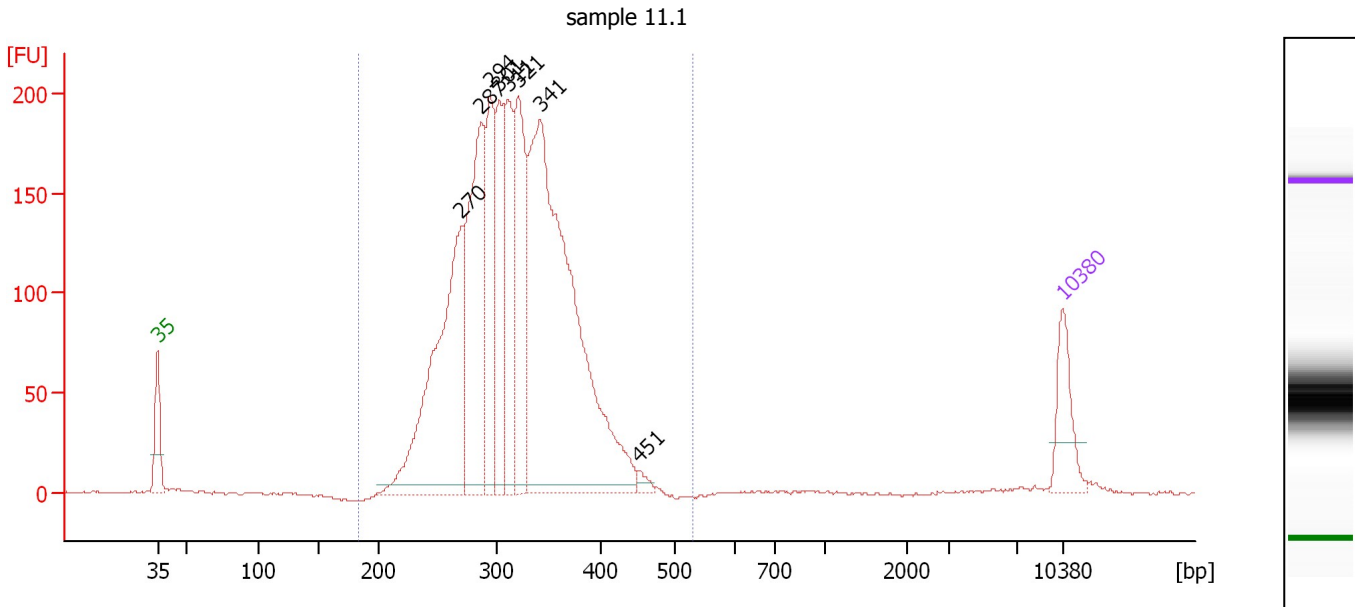
**Region table for sample 10 : sample 8.3**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 192       | 331               | 566     | 1,827.3    | 10,779.4          | 99                | 15.5                        | 2,282.28      |

Assay Class: High Sensitivity DNA Assay  
 Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : sample 11.1**

Number of peaks found: 8                      Corr. Area 1: 2,844.5  
 Noise: 0.7

**Peak table for sample 11 : sample 11.1**

| Peak | Size [bp] | Conc. [pg/μl] | Molarity [pmol/l] | Observations | Aligned Migration Time [s] |
|------|-----------|---------------|-------------------|--------------|----------------------------|
| 1    | 35        | 125.00        | 5,411.3           | Lower Marker | 43.00                      |
| 2    | 270       | 635.73        | 3,569.2           |              | 66.52                      |
| 3    | 287       | 467.59        | 2,471.8           |              | 68.05                      |
| 4    | 294       | 255.10        | 1,315.2           |              | 68.71                      |
| 5    | 301       | 219.35        | 1,103.1           |              | 69.37                      |
| 6    | 311       | 263.94        | 1,286.7           |              | 70.13                      |
| 7    | 321       | 309.40        | 1,460.7           |              | 70.95                      |
| 8    | 341       | 1,159.83      | 5,150.1           |              | 72.58                      |
| 9    | 451       | 13.50         | 45.4              |              | 80.16                      |
| 10   | 10,380    | 75.00         | 10.9              | Upper Marker | 113.00                     |

**Region table for sample 11 : sample 11.1**

| From [bp] | Average Size [bp] | To [bp] | Corr. Area | Molarity [pmol/l] | Co % of Ior Total | Size distribution in CV [%] | Conc. [pg/μl] |
|-----------|-------------------|---------|------------|-------------------|-------------------|-----------------------------|---------------|
| 183       | 317               | 532     | 2,844.5    | 16,022.8          | 99                | 14.5                        | 3,263.33      |

Assay Class: High Sensitivity DNA Assay  
Data Path: C:\...ents and Settings\Bioanalyzer\2015-07-01\2015-07-01\_001.xad

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**Gel Image**

