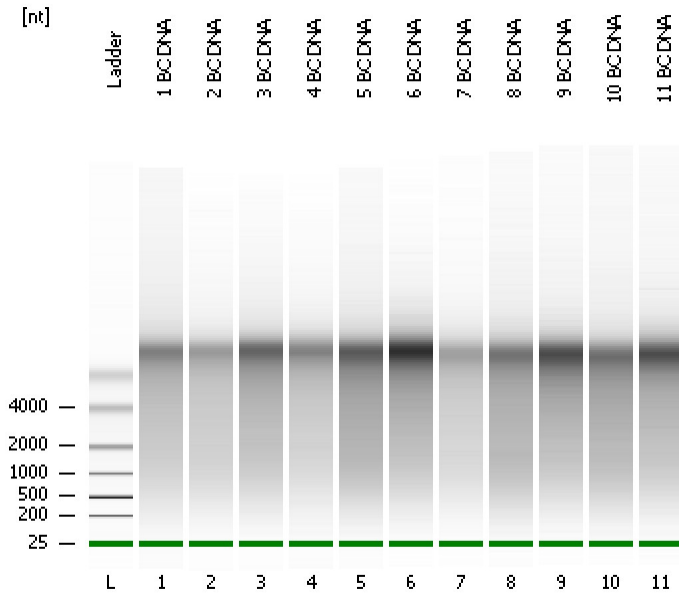


Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electrophoresis File Run Summary**



Instrument Information:

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

Assay Information:

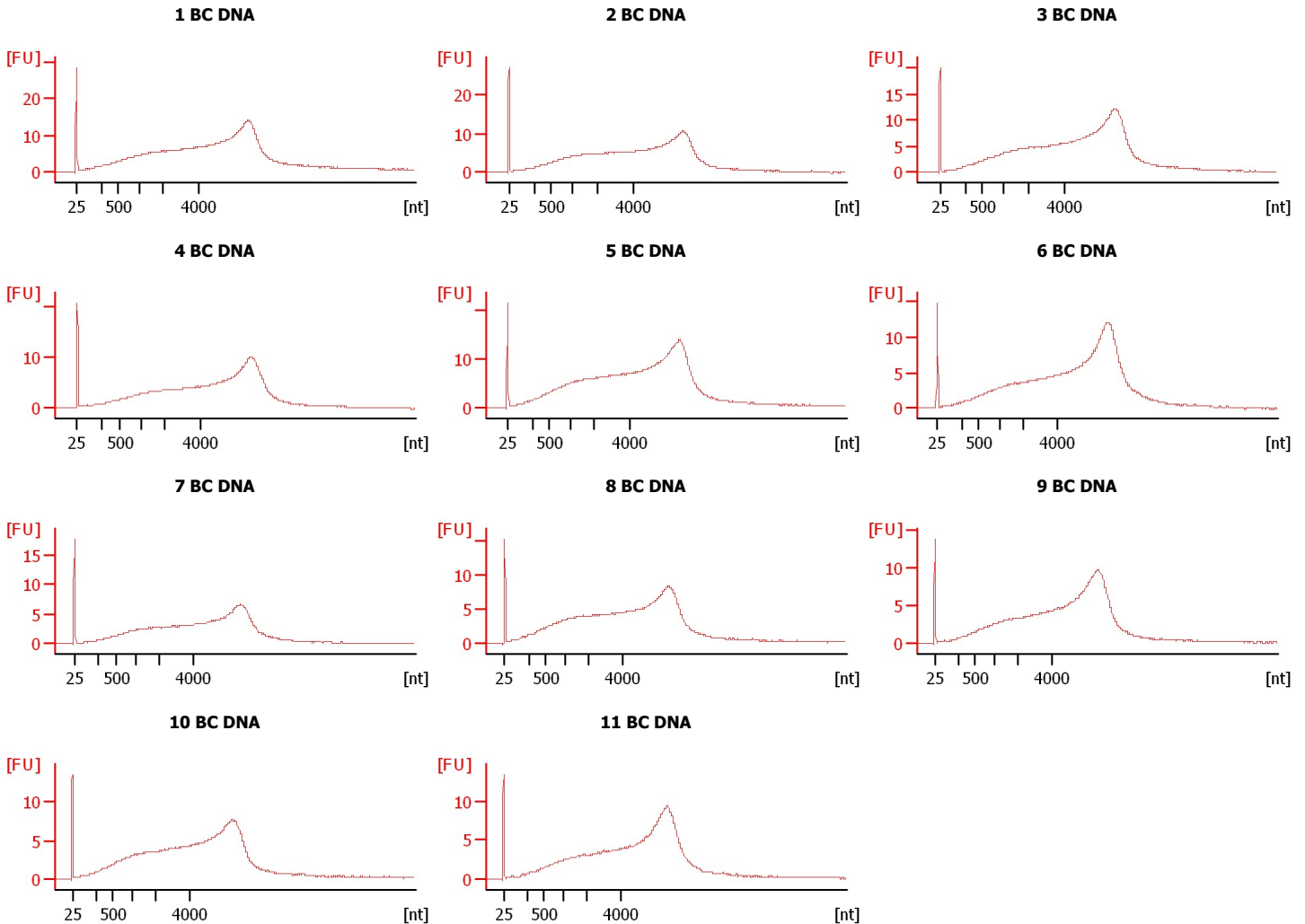
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

Assay Class: mRNA Pico  
Version: 2.6  
Assay Comments: mRNA Analysis pg sensitivity

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Chip Information:

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



Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
1 BC DNA		✓		
2 BC DNA		✓		
3 BC DNA		✓		
4 BC DNA		✓		
5 BC DNA		✓		
6 BC DNA		✓		
7 BC DNA		✓		
8 BC DNA		✓		
9 BC DNA		✓		
10 BC DNA		✓		
11 BC DNA		✓		
Ladder		✓		

**Chip Lot #**

**Reagent Kit Lot #**

**Chip Comments :**

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 14  
Maximum Visible Range [s] : 85  
Start Analysis Time Range [s] : 15  
End Analysis Time Range [s] : 84  
Ladder Concentration [pg/ $\mu$ l] : 1000  
Lower Marker Concentration [pg/ $\mu$ l] : 0  
Upper Marker Concentration [pg/ $\mu$ l] : 0  
Used Lower Marker for Quantitation  
Standard Curve Fit is Logarithmic  
Show Data Aligned to Lower Marker

### Integrator Settings

Integration Start Time [s] : 15  
Integration End Time [s] : 84  
Slope Threshold : 0.2  
Height Threshold [FU] : 0.5  
Area Threshold : 0.1  
Width Threshold [s] : 0.2  
Baseline Plateau [s] : 0.5

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

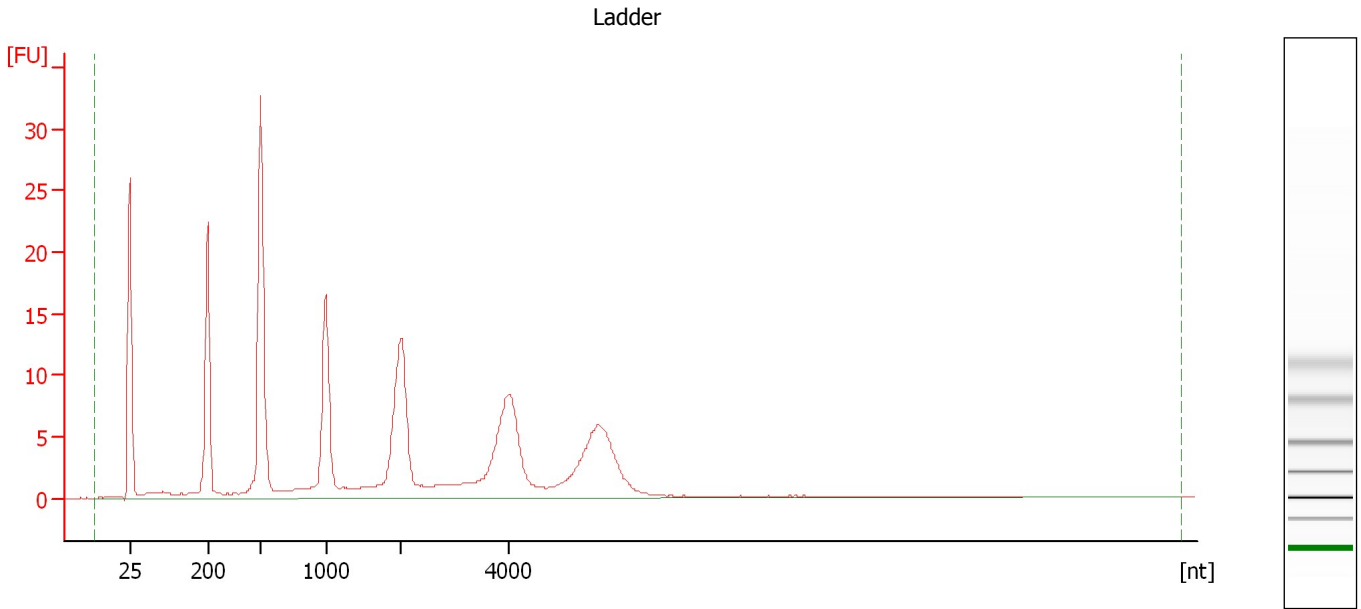
### Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary**



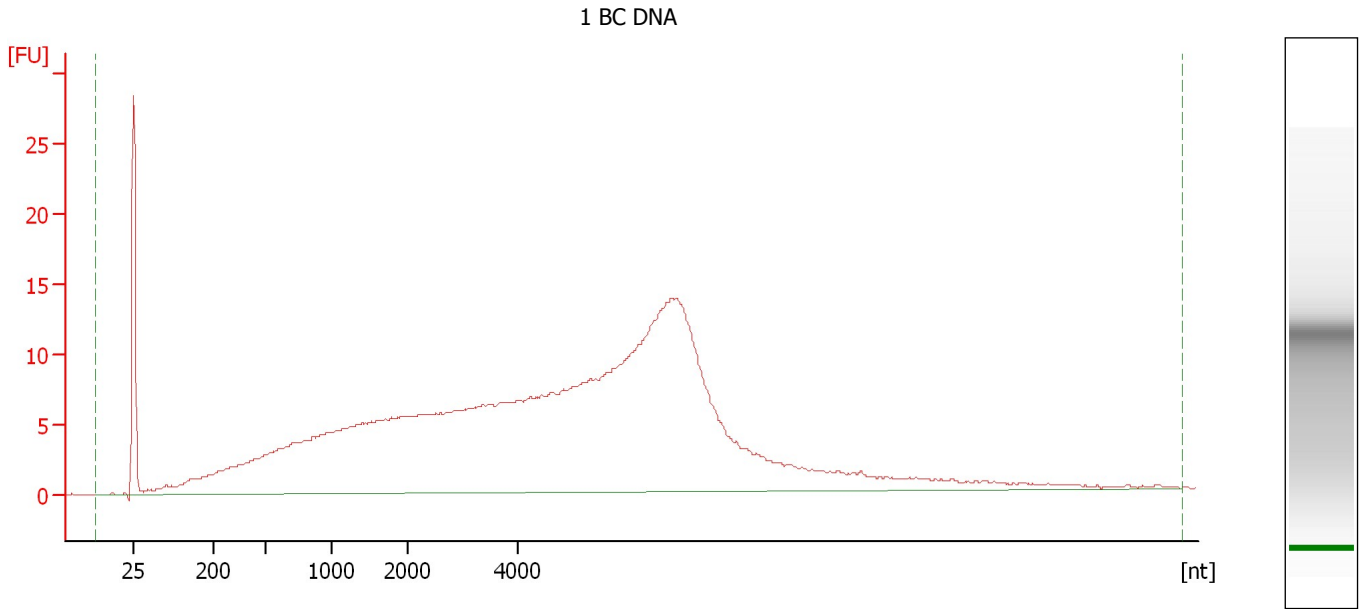
**Overall Results for Ladder**

RNA Area: 257.1                      RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



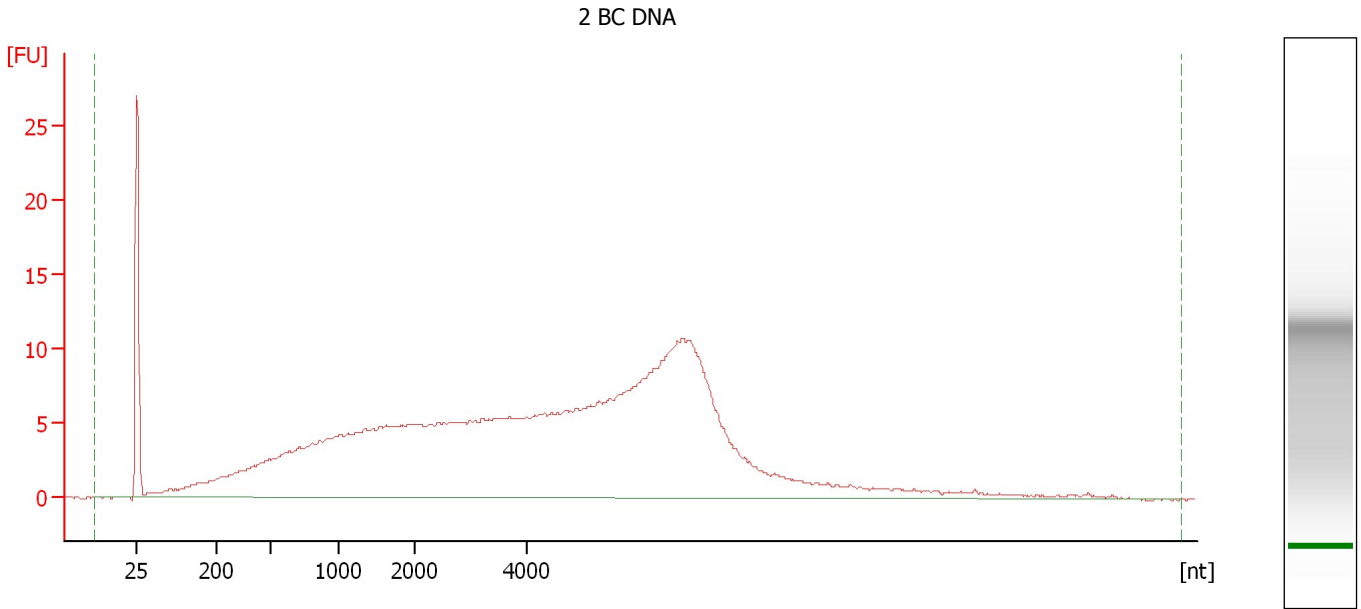
**Overall Results for sample 1 : 1 BC DNA**

RNA Area: 548.1                      rRNA Contamination: 0.0 %  
RNA Concentration: 2,132 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
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**Electropherogram Summary Continued ...**



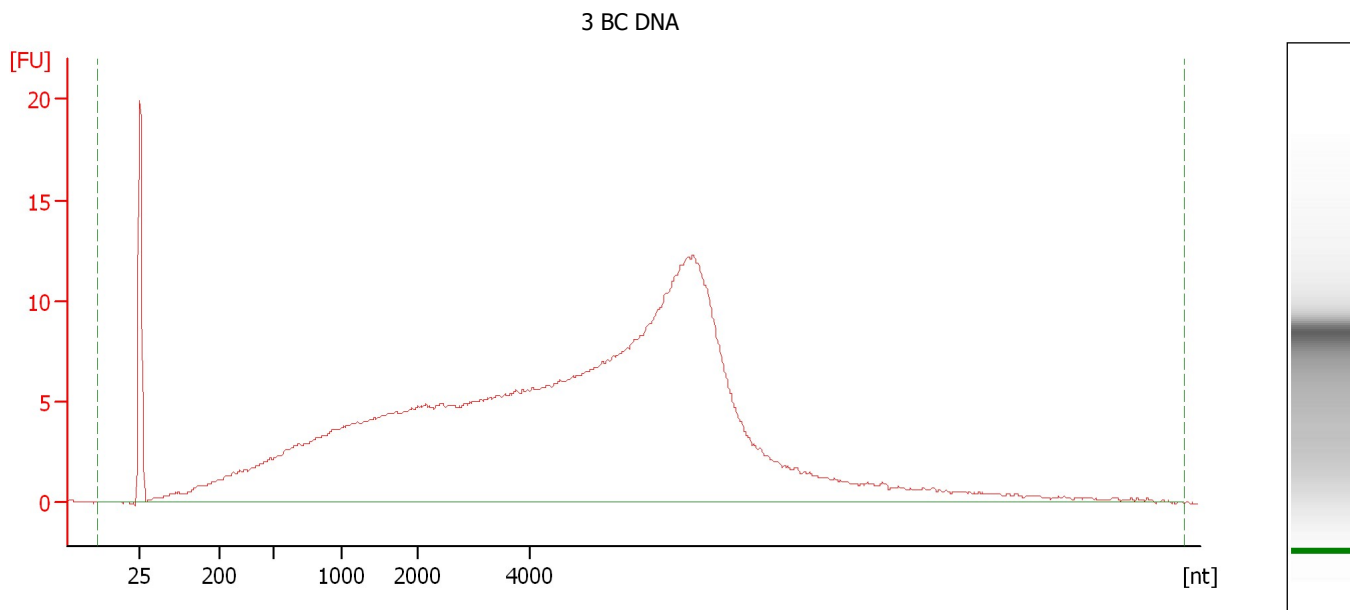
**Overall Results for sample 2 : 2 BC DNA**

RNA Area:	454.9	rRNA Contamination:	0.0 %
RNA Concentration:	1,769 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



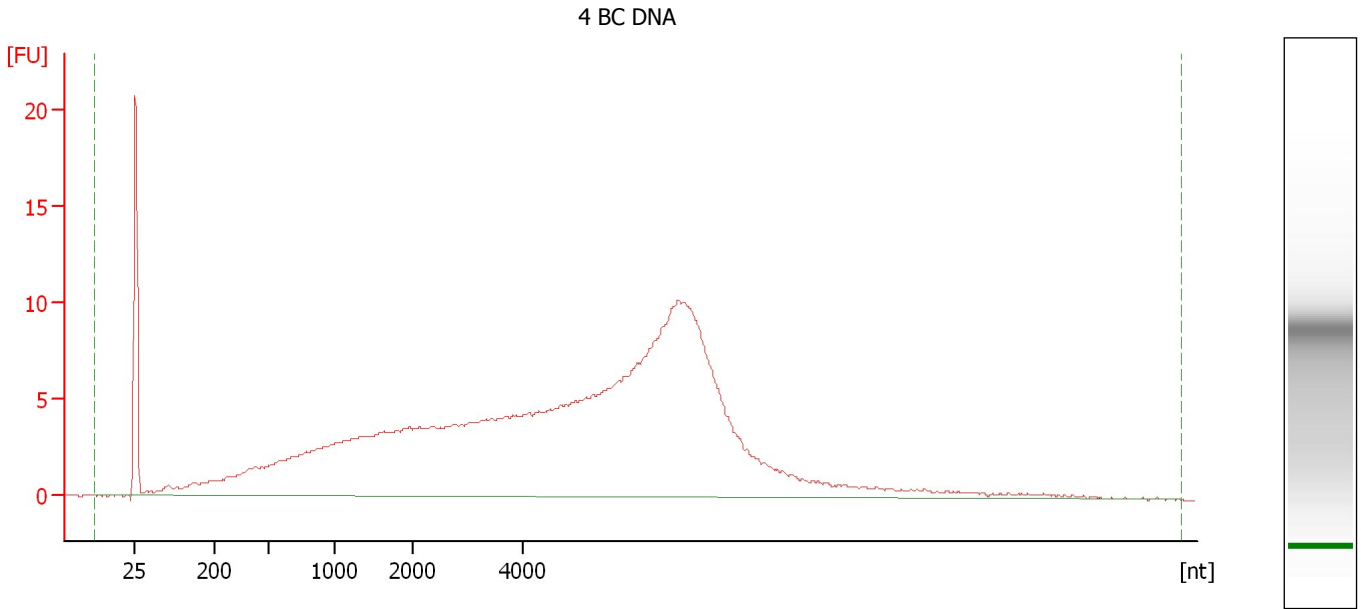
**Overall Results for sample 3 : 3 BC DNA**

RNA Area:	471.4	rRNA Contamination:	0.0 %
RNA Concentration:	1,833 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
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**Electropherogram Summary Continued ...**



**Overall Results for sample 4 : 4 BC DNA**

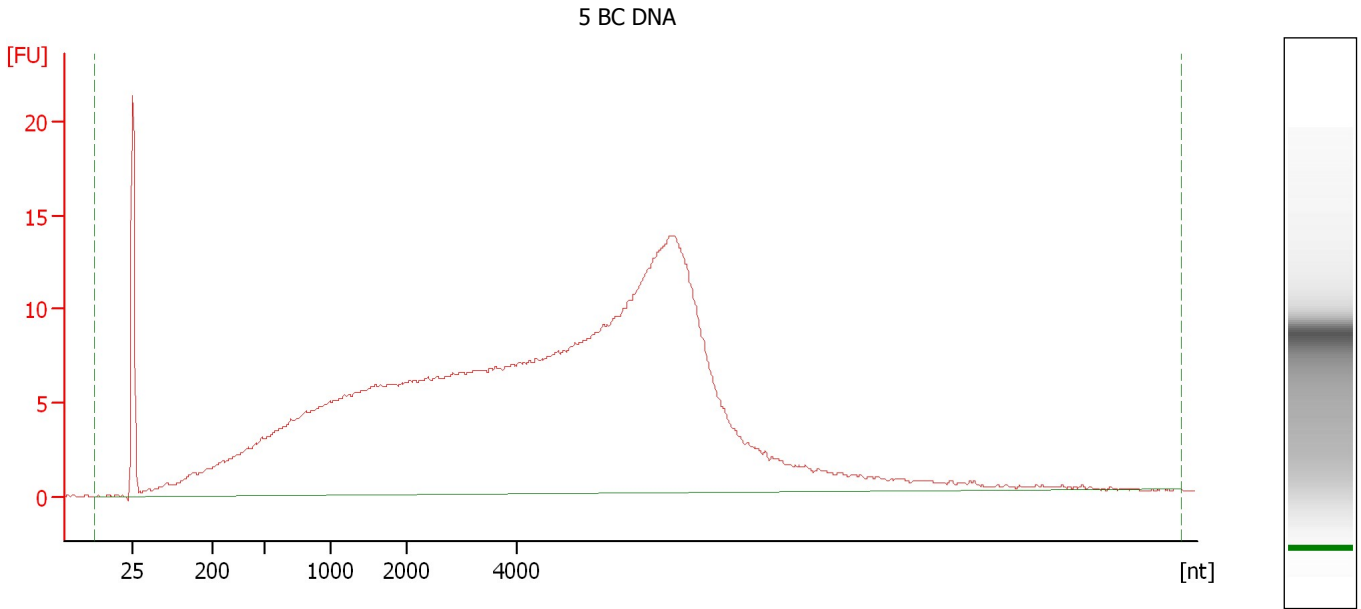
RNA Area:	365.4	rRNA Contamination:	0.0 %
RNA Concentration:	1,421 pg/μl		



Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



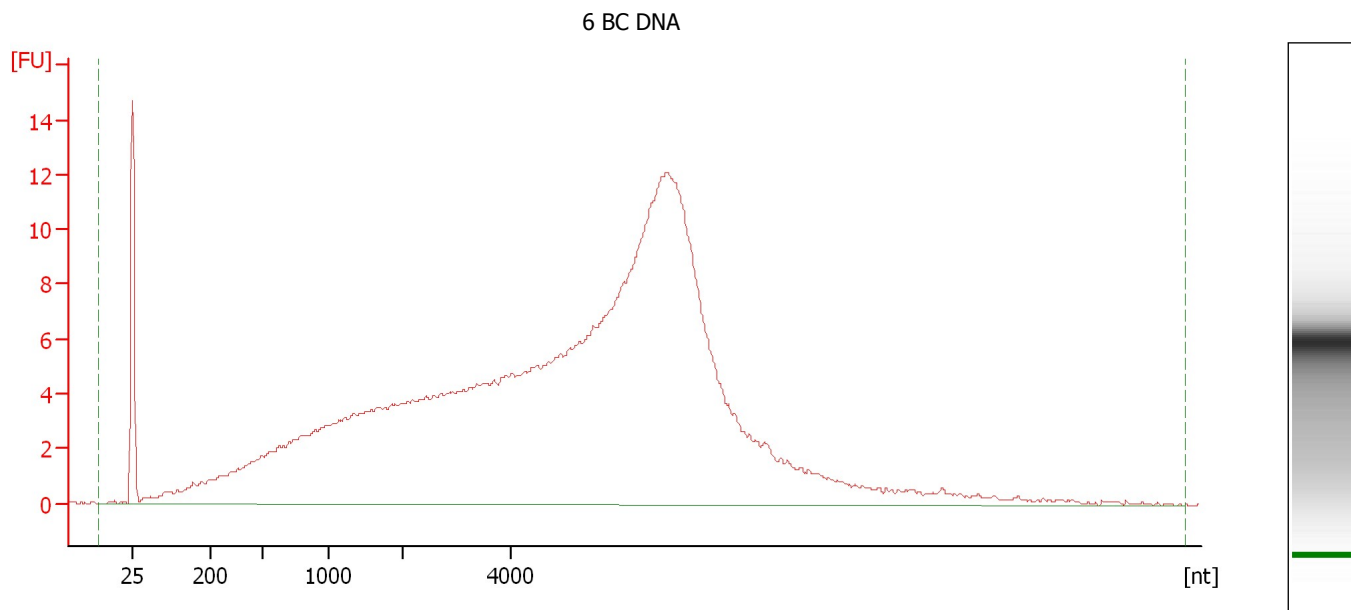
**Overall Results for sample 5 : 5 BC DNA**

RNA Area:	577.4	rRNA Contamination:	0.0 %
RNA Concentration:	2,246 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



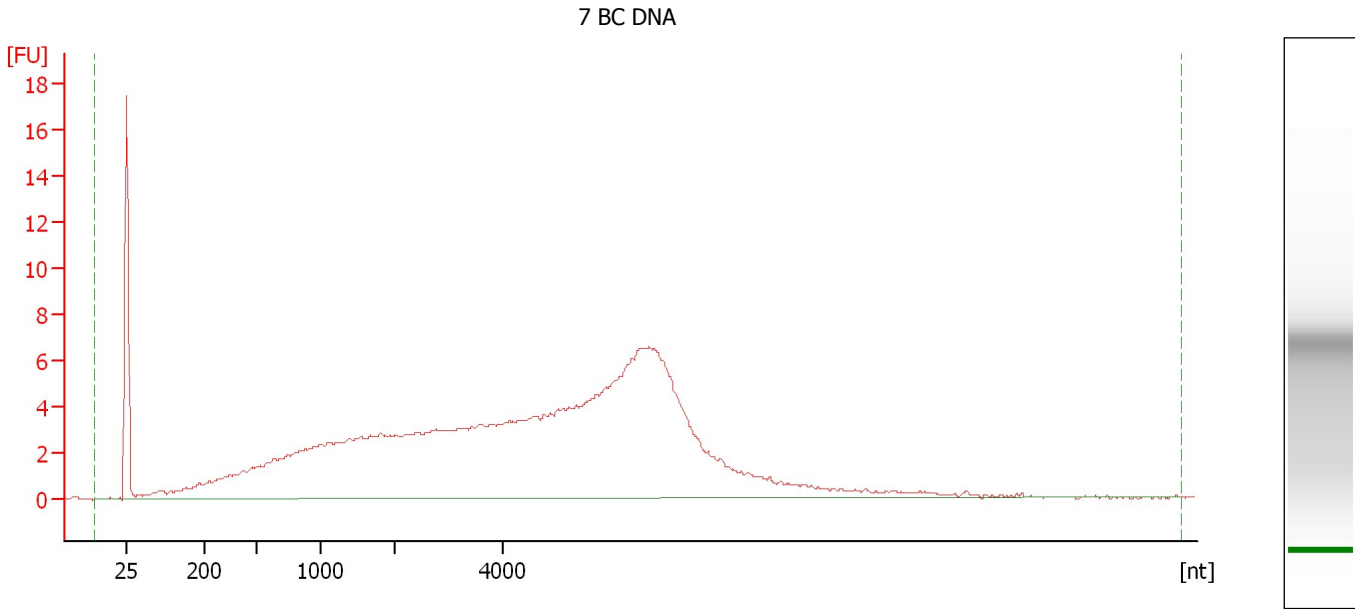
**Overall Results for sample 6 : 6 BC DNA**

RNA Area:	416.1	rRNA Contamination:	0.0 %
RNA Concentration:	1,618 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



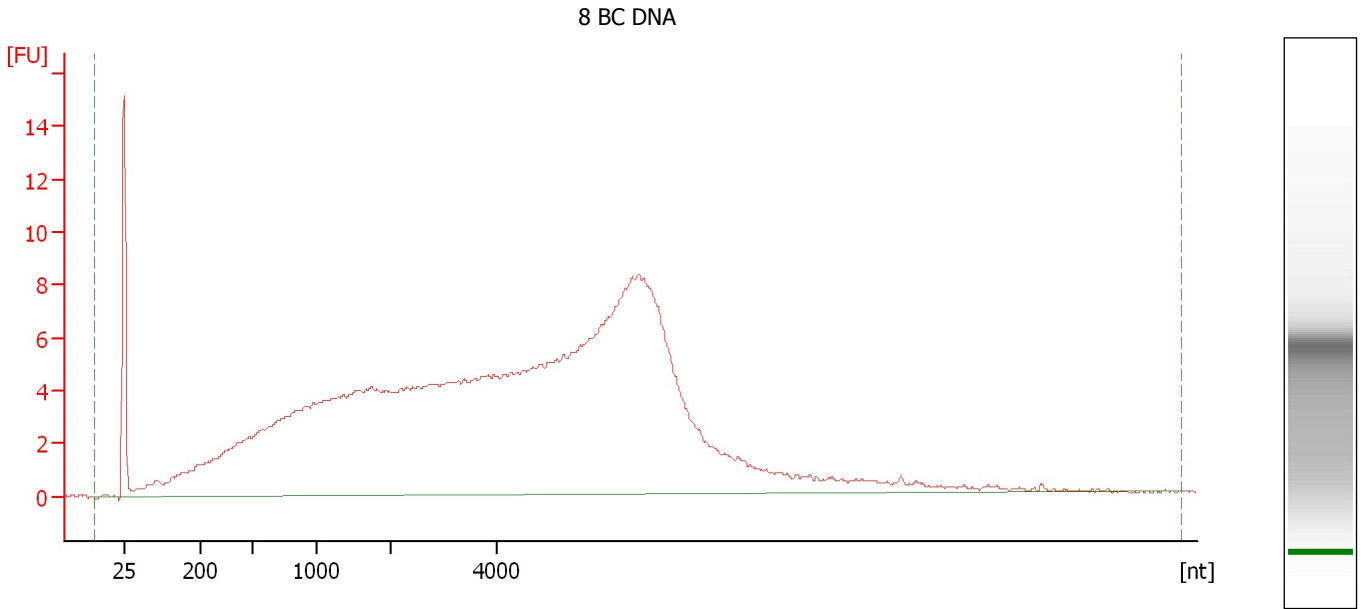
**Overall Results for sample 7 : 7 BC DNA**

RNA Area:	267.8	rRNA Contamination:	0.0 %
RNA Concentration:	1,042 pg/ $\mu$ l		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



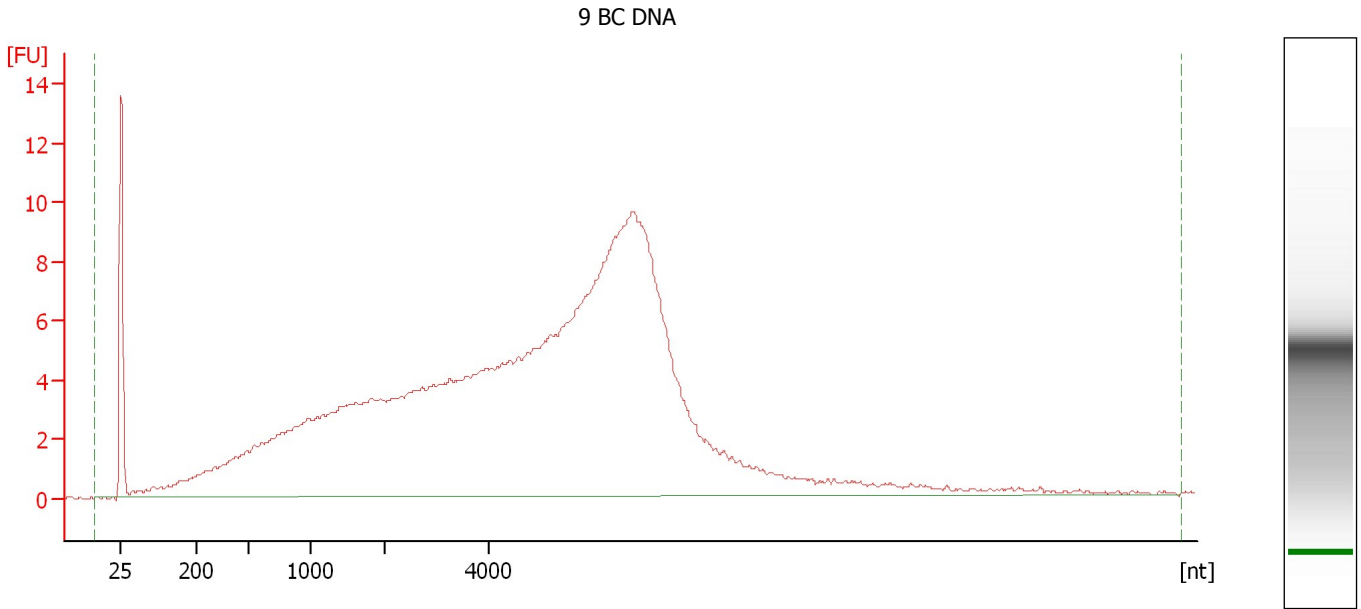
**Overall Results for sample 8 : 8 BC DNA**

RNA Area:	380.0	rRNA Contamination:	0.0 %
RNA Concentration:	1,478 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



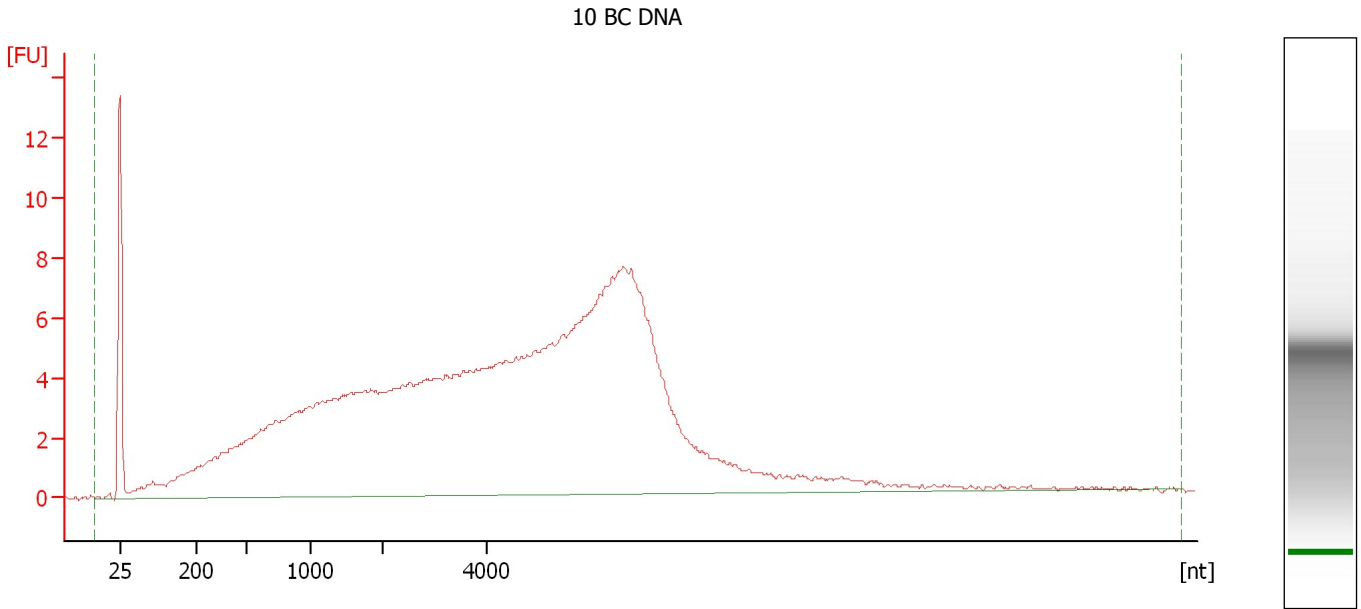
**Overall Results for sample 9 : 9 BC DNA**

RNA Area:	351.4	rRNA Contamination:	0.0 %
RNA Concentration:	1,367 pg/μl		

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



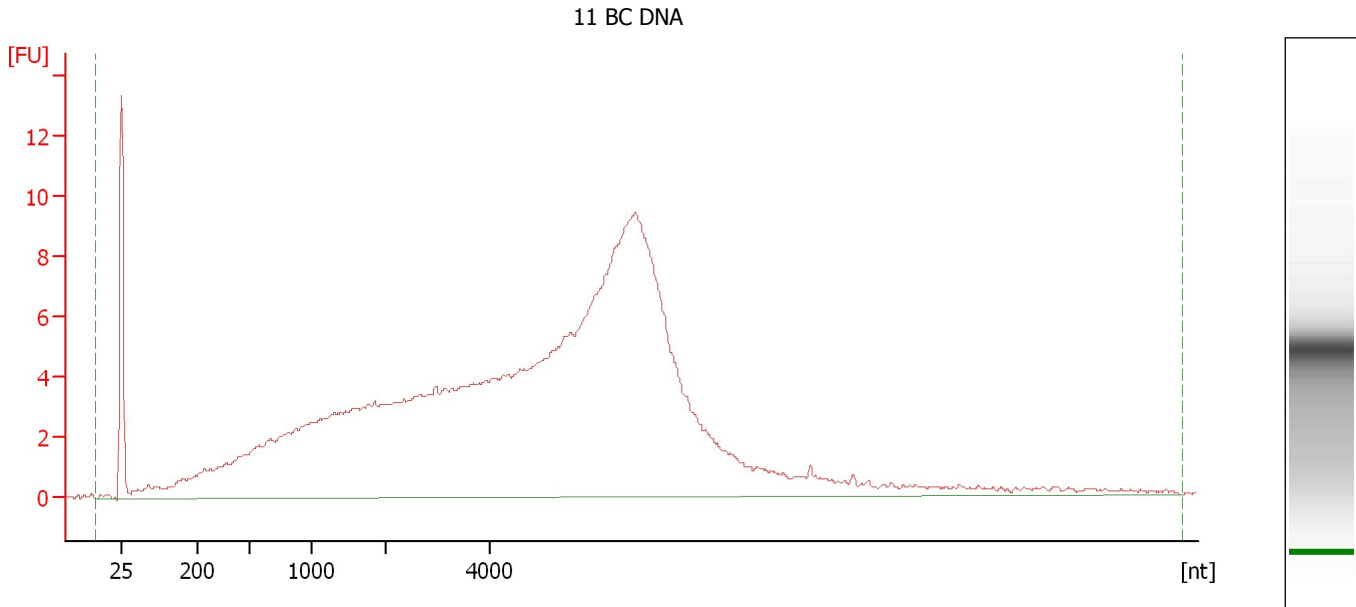
**Overall Results for sample 10 : 10 BC DNA**

RNA Area: 335.5                      rRNA Contamination: 0.0 %  
RNA Concentration: 1,305 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
Modified: 6/15/2018 9:52:07 AM

**Electropherogram Summary Continued ...**



**Overall Results for sample 11 : 11 BC DNA**

RNA Area: 338.5                      rRNA Contamination: 0.0 %  
RNA Concentration: 1,316 pg/μl

Assay Class: mRNA Pico  
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15\_001.xad

Created: 6/15/2018 9:26:12 AM  
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**Gel Image**

