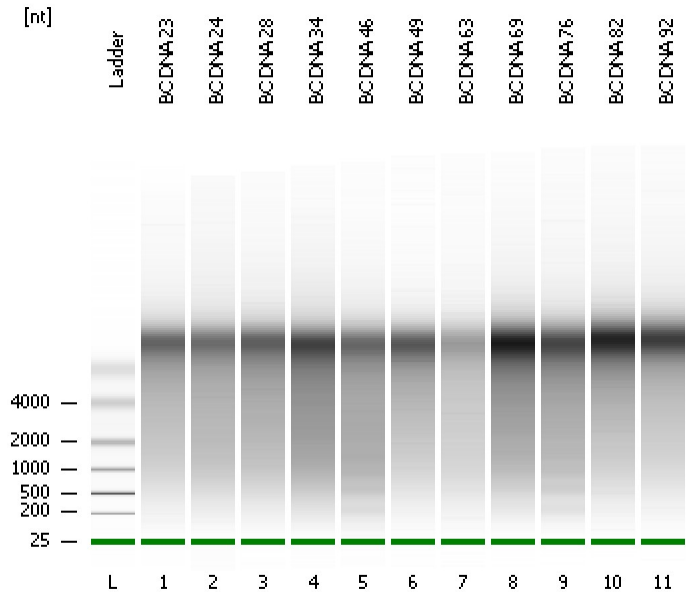


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 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

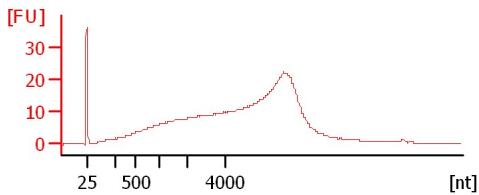
Assay Class: mRNA Pico
Version: 2.6
Assay Comments: mRNA Analysis pg sensitivity

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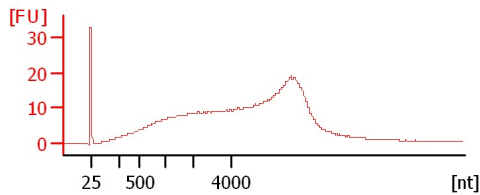
Chip Information:

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

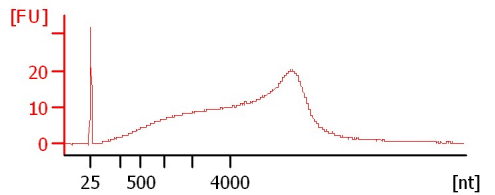
BC DNA 23



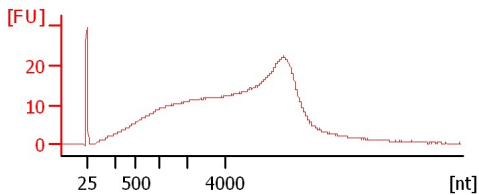
BC DNA 24



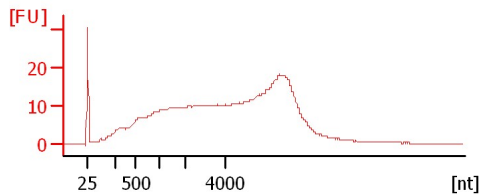
BC DNA 28



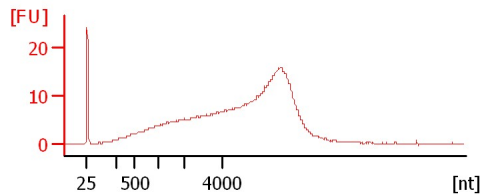
BC DNA 34



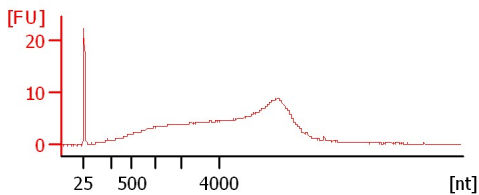
BC DNA 46



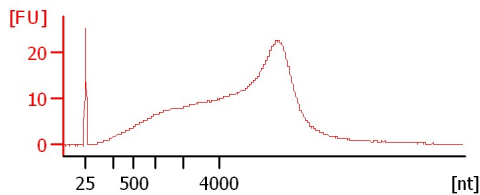
BC DNA 49



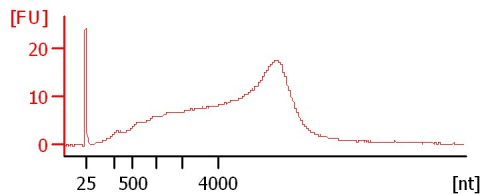
BC DNA 63



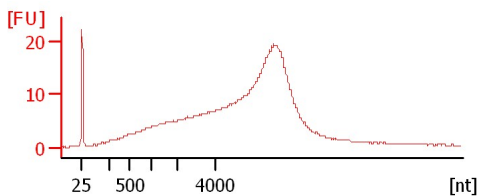
BC DNA 69



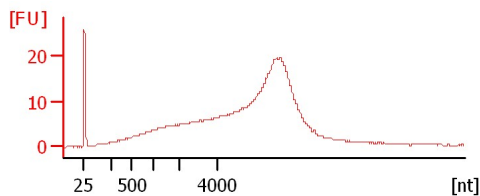
BC DNA 76



BC DNA 82



BC DNA 92



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
BC DNA 23		✓		
BC DNA 24		✓		
BC DNA 28		✓		
BC DNA 34		✓		
BC DNA 46		✓		
BC DNA 49		✓		
BC DNA 63		✓		
BC DNA 69		✓		
BC DNA 76		✓		
BC DNA 82		✓		
BC DNA 92		✓		
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_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 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/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ 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

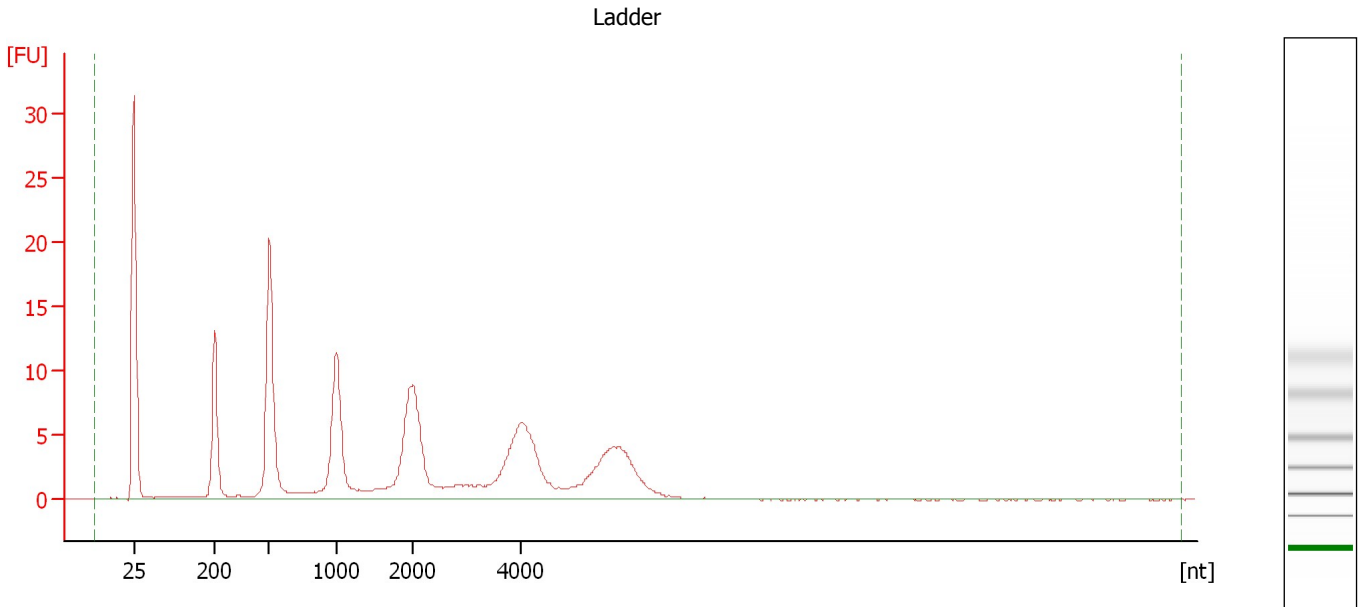
Ladder

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_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary



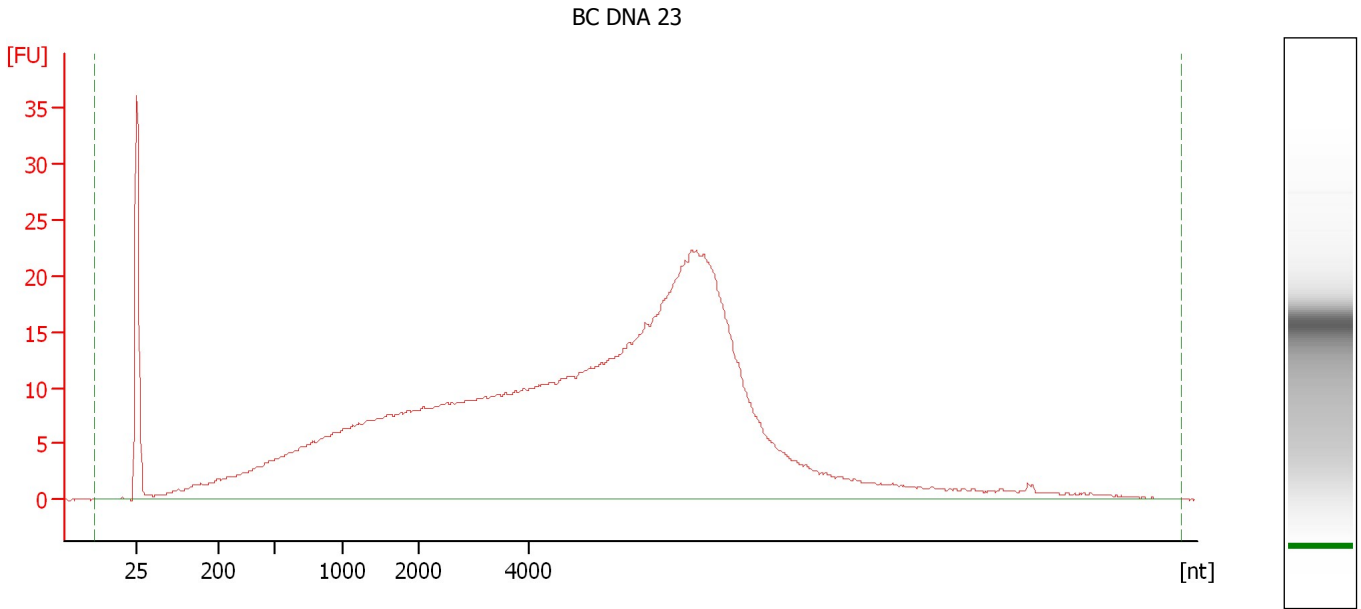
Overall Results for Ladder

RNA Area: 199.6 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



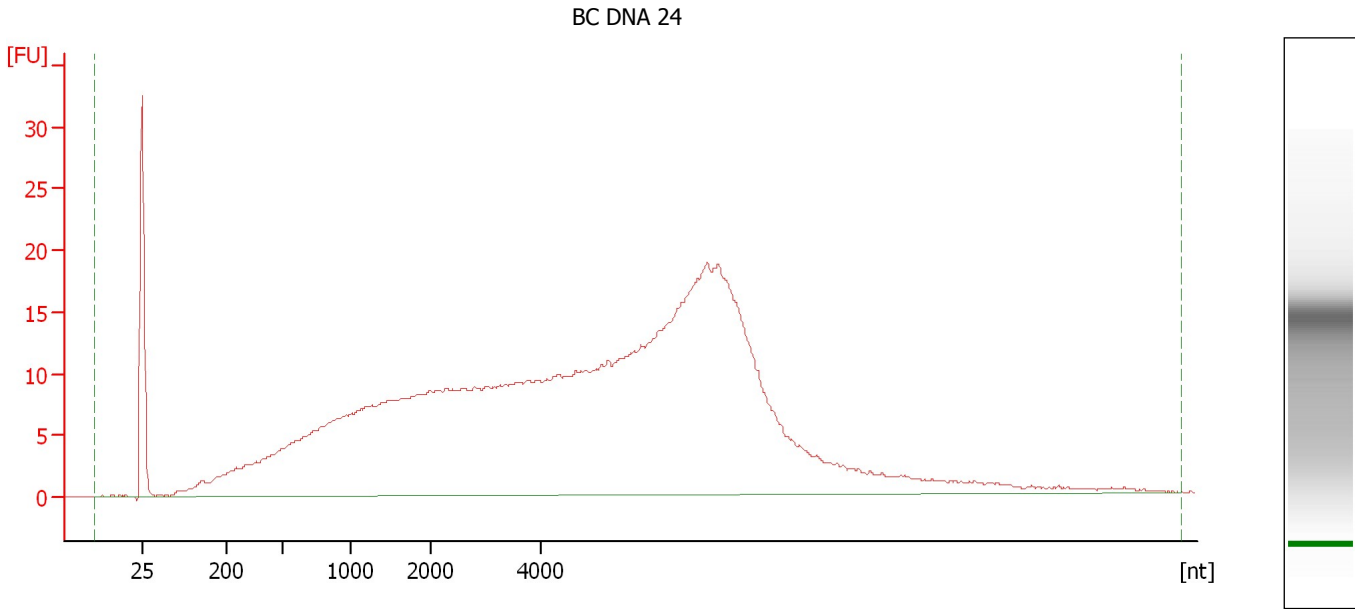
Overall Results for sample 1 : BC DNA 23

RNA Area:	832.7	rRNA Contamination:	0.0 %
RNA Concentration:	4,173 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



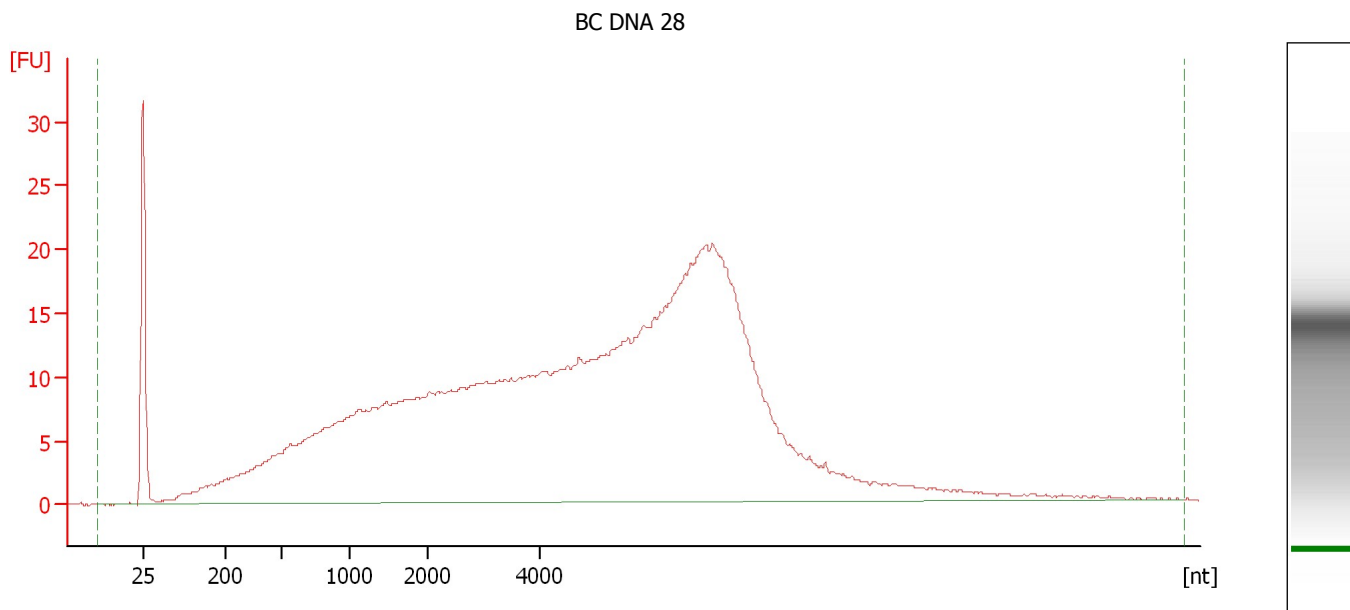
Overall Results for sample 2 : BC DNA 24

RNA Area: 792.5 rRNA Contamination: 0.0 %
RNA Concentration: 3,971 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



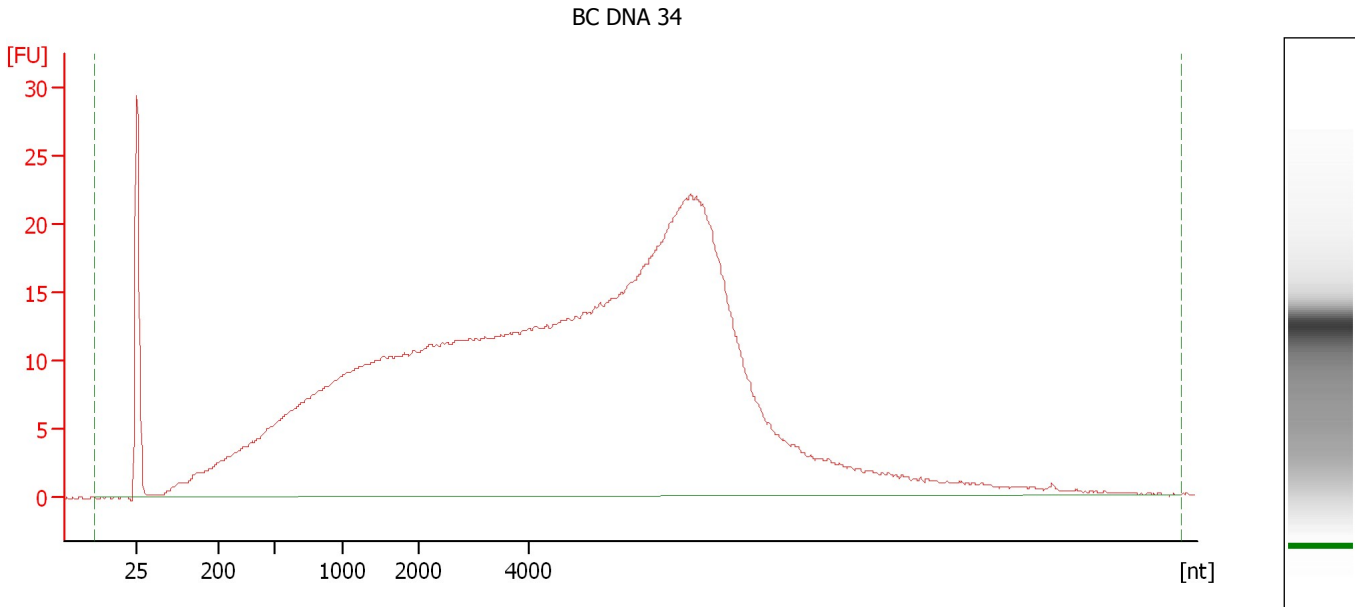
Overall Results for sample 3 : BC DNA 28

RNA Area: 836.1 rRNA Contamination: 0.0 %
RNA Concentration: 4,189 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



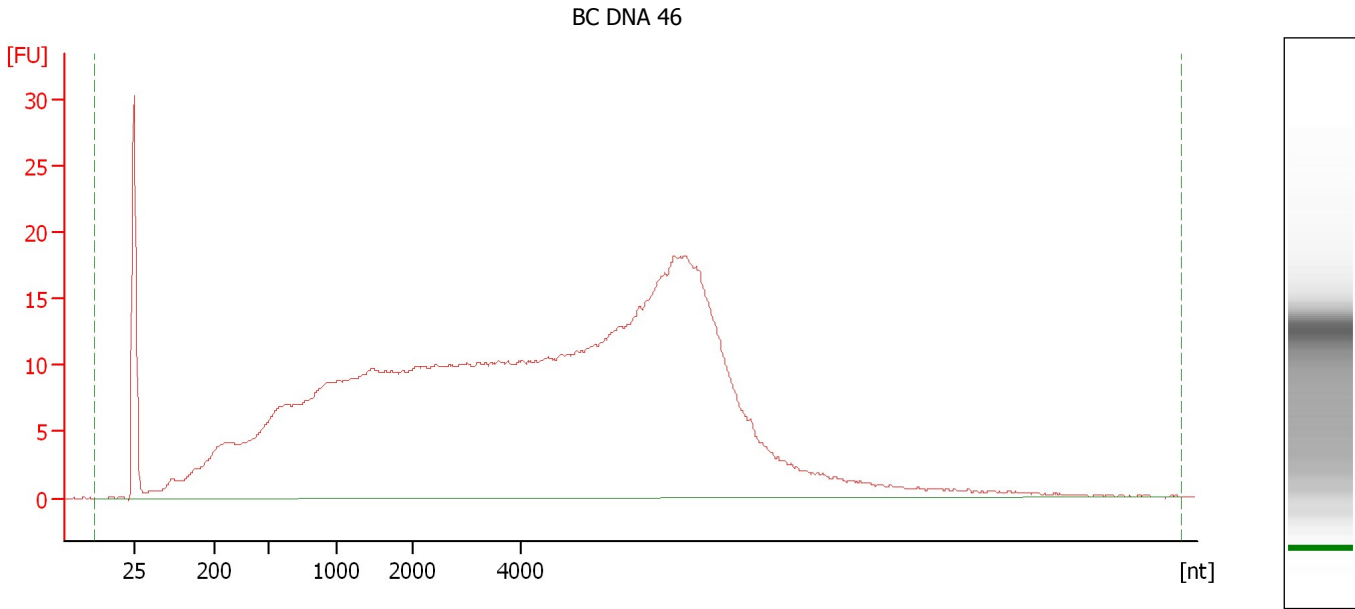
Overall Results for sample 4 : BC DNA 34

RNA Area:	1,014.3	rRNA Contamination:	0.0 %
RNA Concentration:	5,083 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



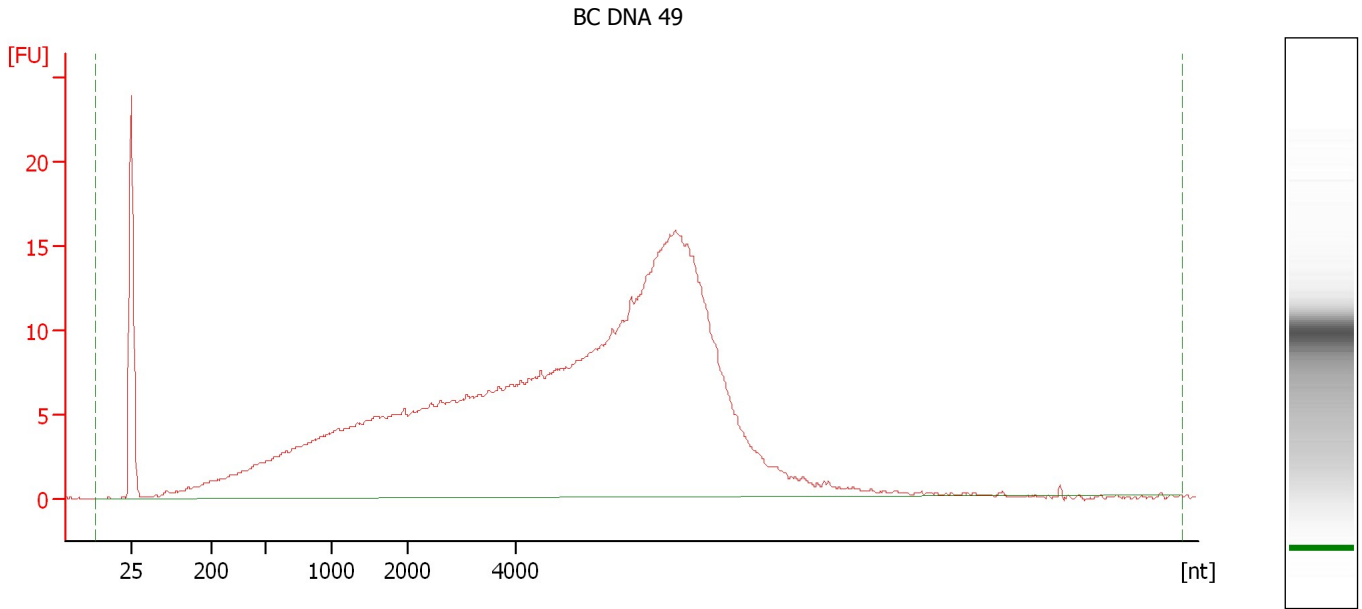
Overall Results for sample 5 : BC DNA 46

RNA Area:	905.4	rRNA Contamination:	0.0 %
RNA Concentration:	4,537 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



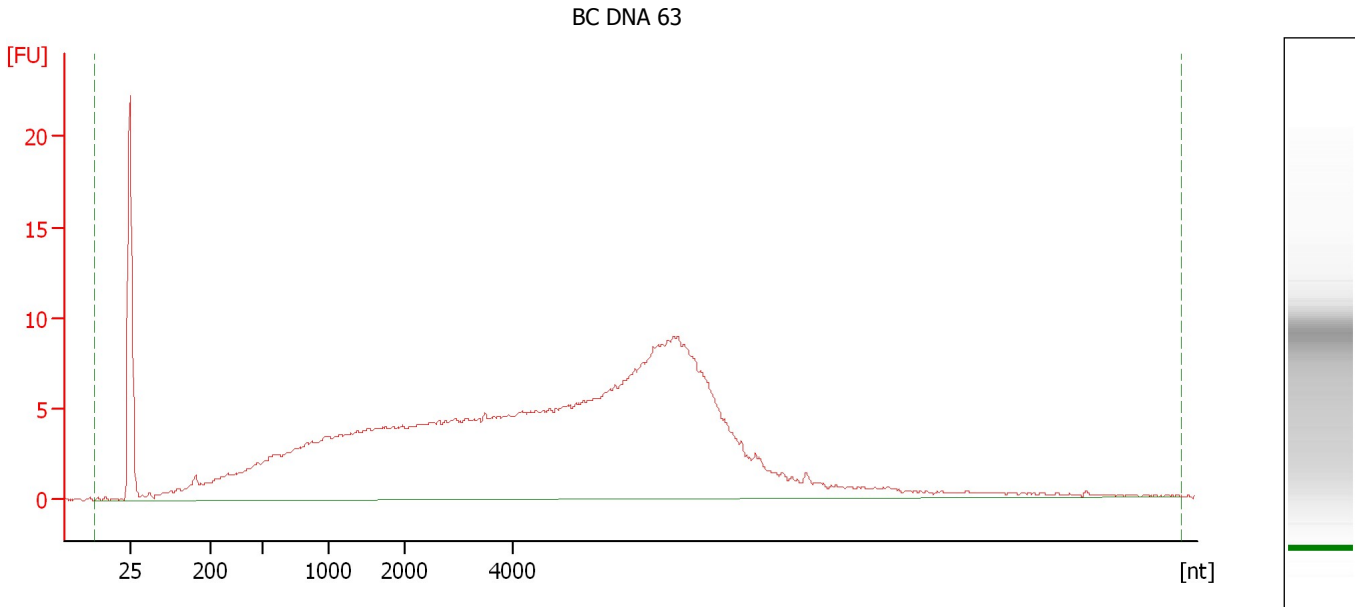
Overall Results for sample 6 : BC DNA 49

RNA Area: 542.9 rRNA Contamination: 0.0 %
RNA Concentration: 2,721 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



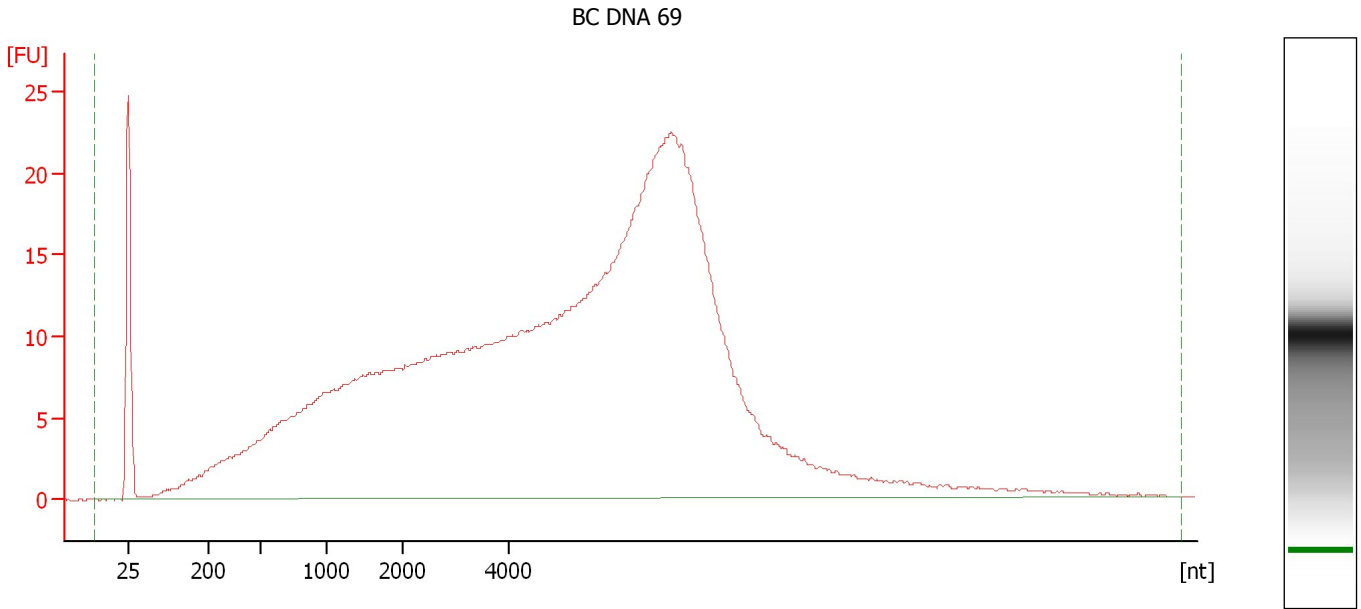
Overall Results for sample 7 : BC DNA 63

RNA Area:	397.0	rRNA Contamination:	0.0 %
RNA Concentration:	1,989 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



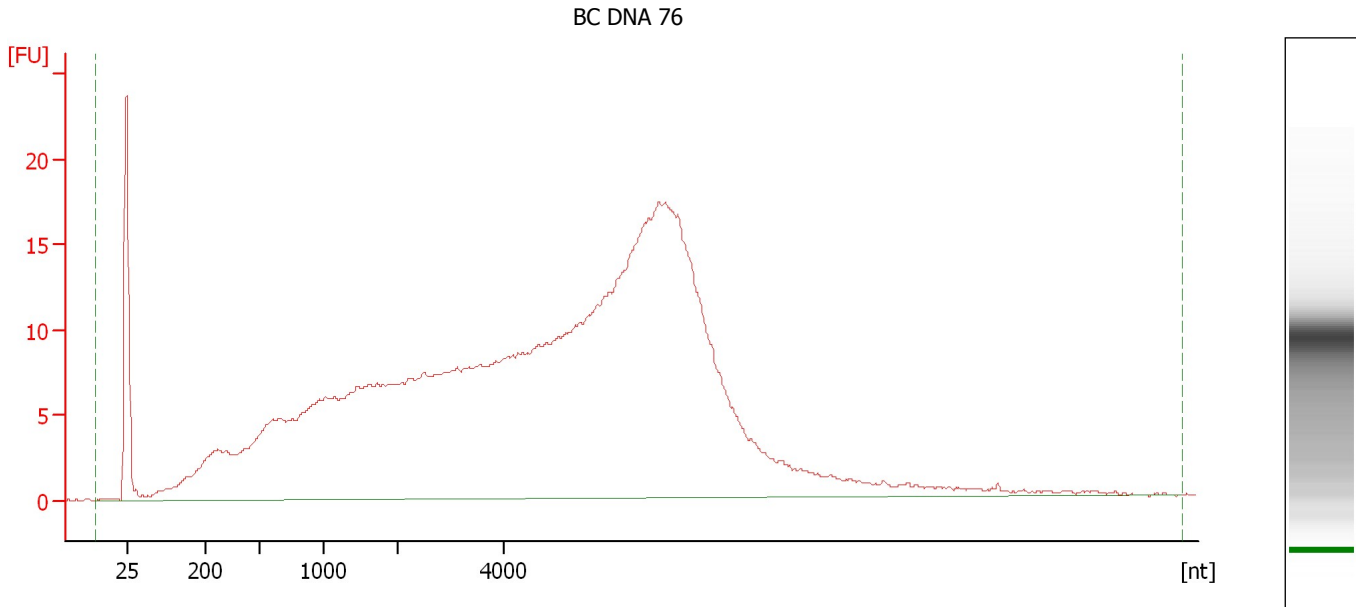
Overall Results for sample 8 : BC DNA 69

RNA Area:	857.7	rRNA Contamination:	0.0 %
RNA Concentration:	4,298 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



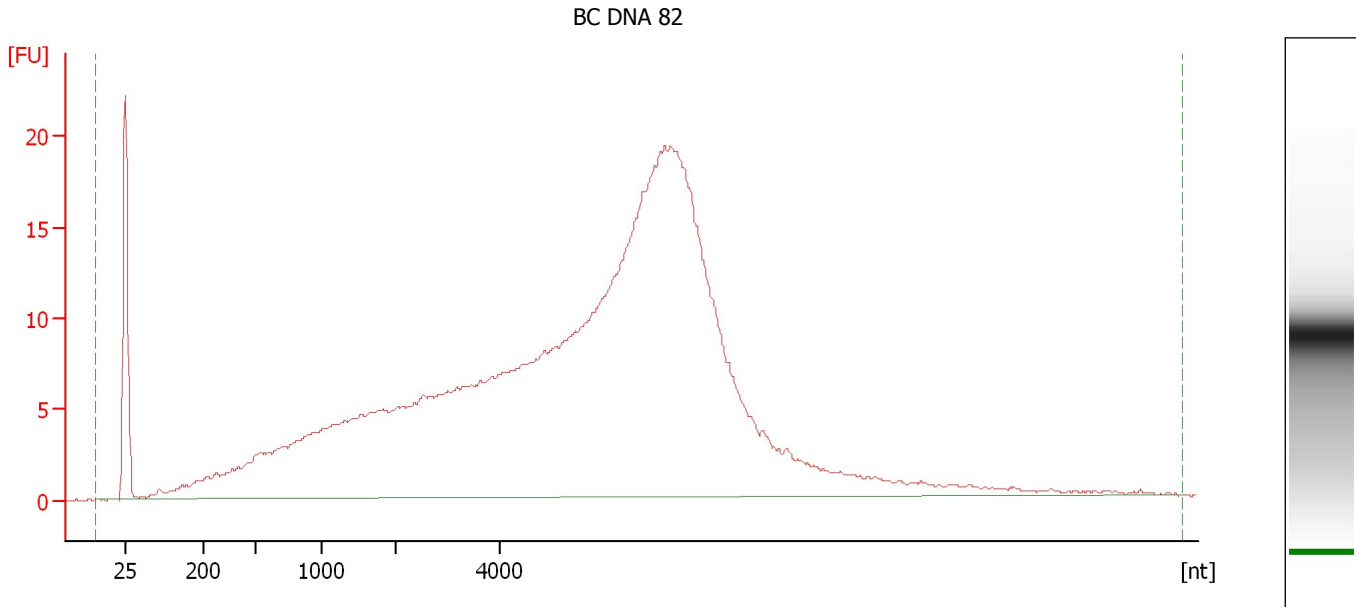
Overall Results for sample 9 : BC DNA 76

RNA Area:	721.8	rRNA Contamination:	0.0 %
RNA Concentration:	3,617 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



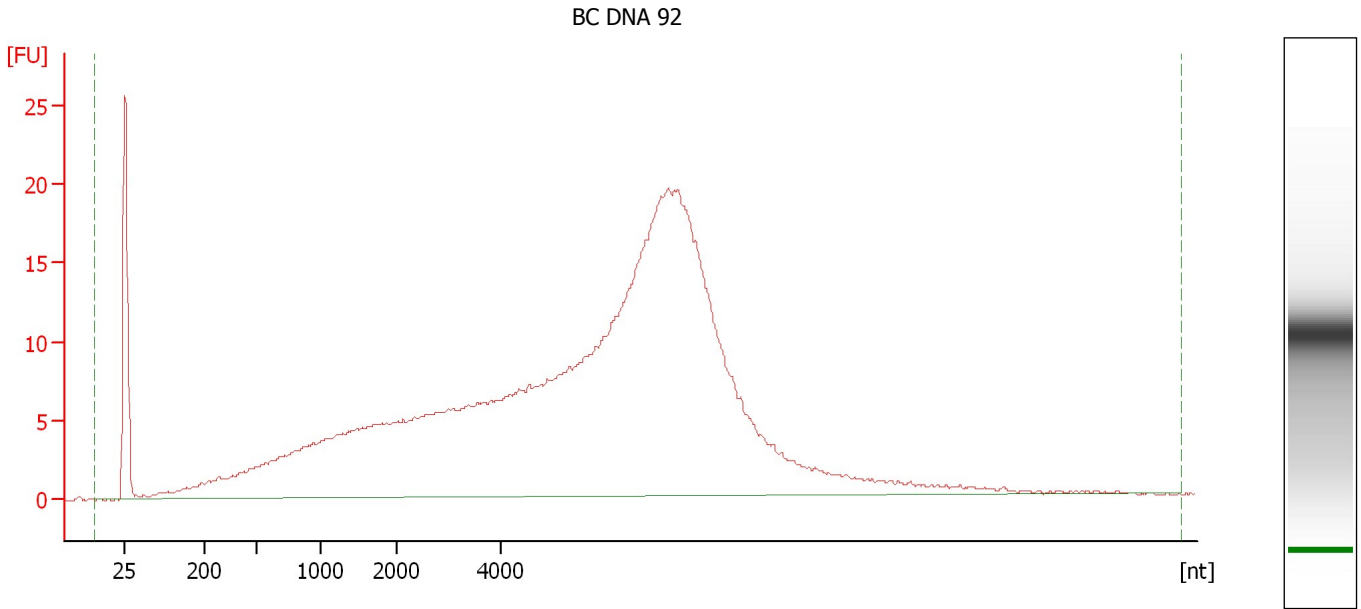
Overall Results for sample 10 : BC DNA 82

RNA Area:	631.9	rRNA Contamination:	0.0 %
RNA Concentration:	3,166 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : BC DNA 92

RNA Area: 608.6 rRNA Contamination: 0.0 %
RNA Concentration: 3,050 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-15\2018-06-15_003.xad

Created: 6/15/2018 11:20:15 AM
Modified: 6/15/2018 11:45:16 AM

Gel Image

