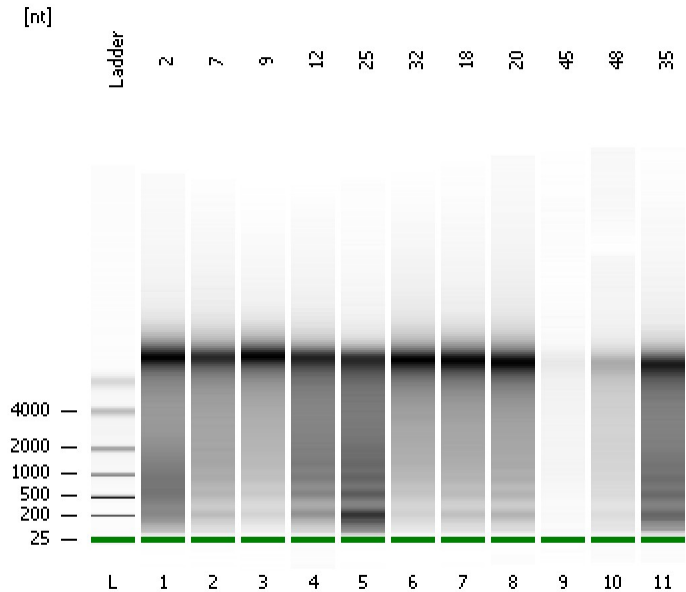


Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electrophoresis File Run Summary



Instrument Information:

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

Assay Information:

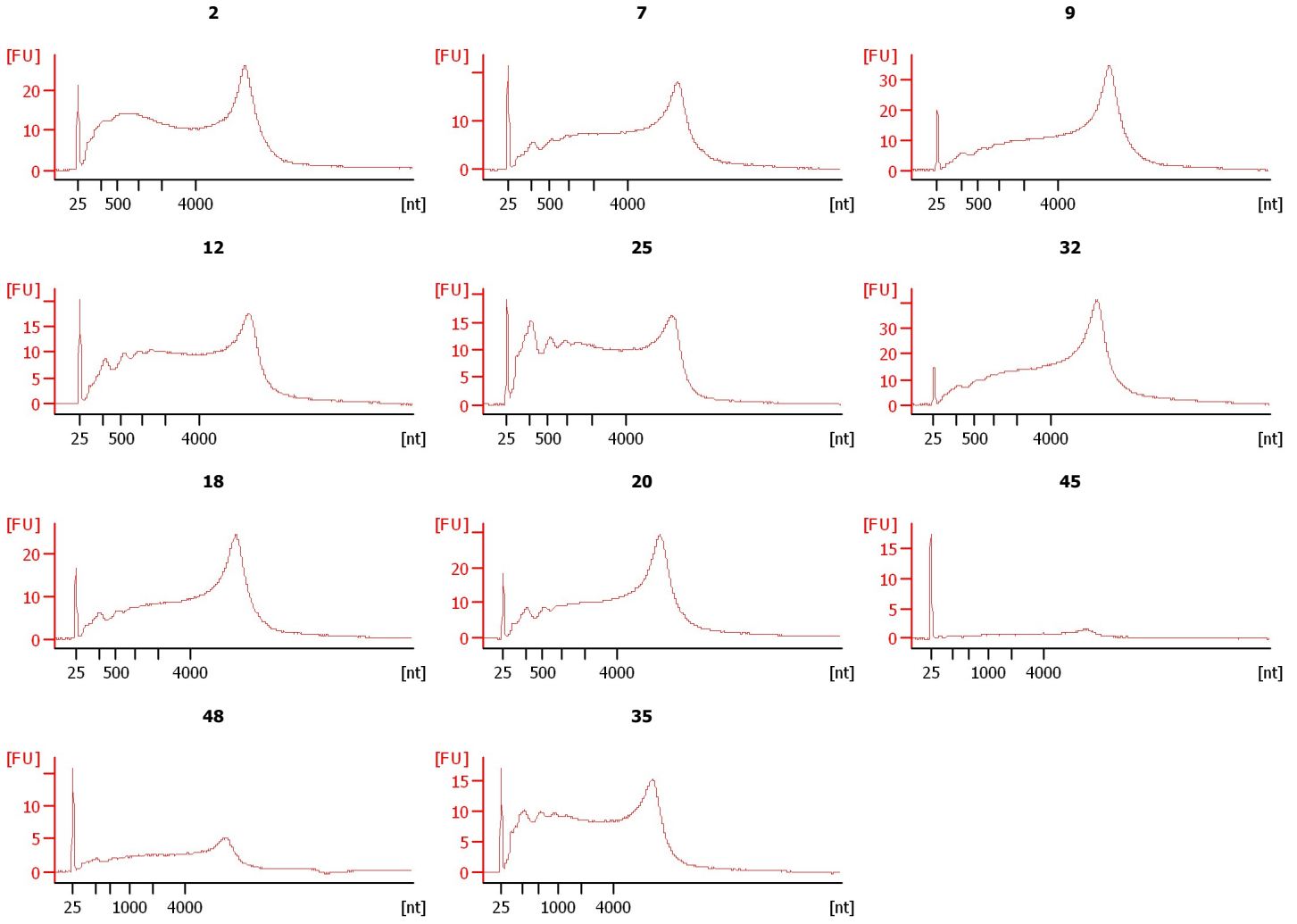
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\mRNA Pico Series II.xsy

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

© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

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



Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
2		✓		
7		✓		
9		✓		
12		✓		
25		✓		
32		✓		
18		✓		
20		✓		
45		✓		
48		✓		
35		✓		
Ladder		✓		

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 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

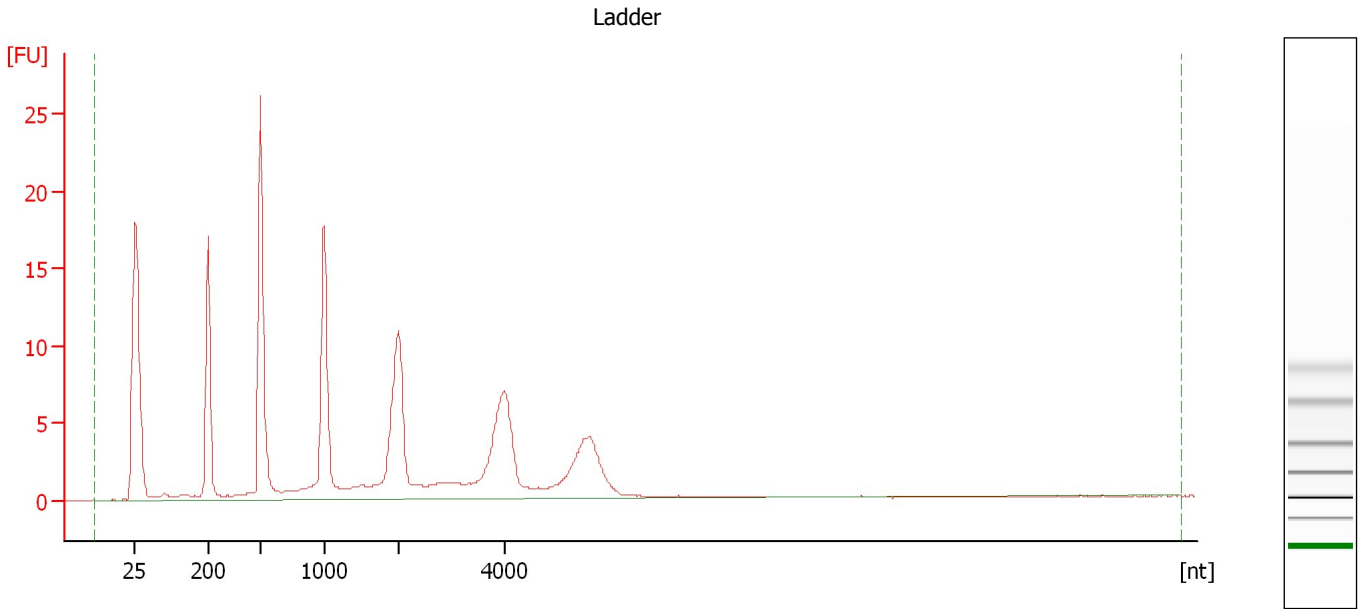
Ladder

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\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary



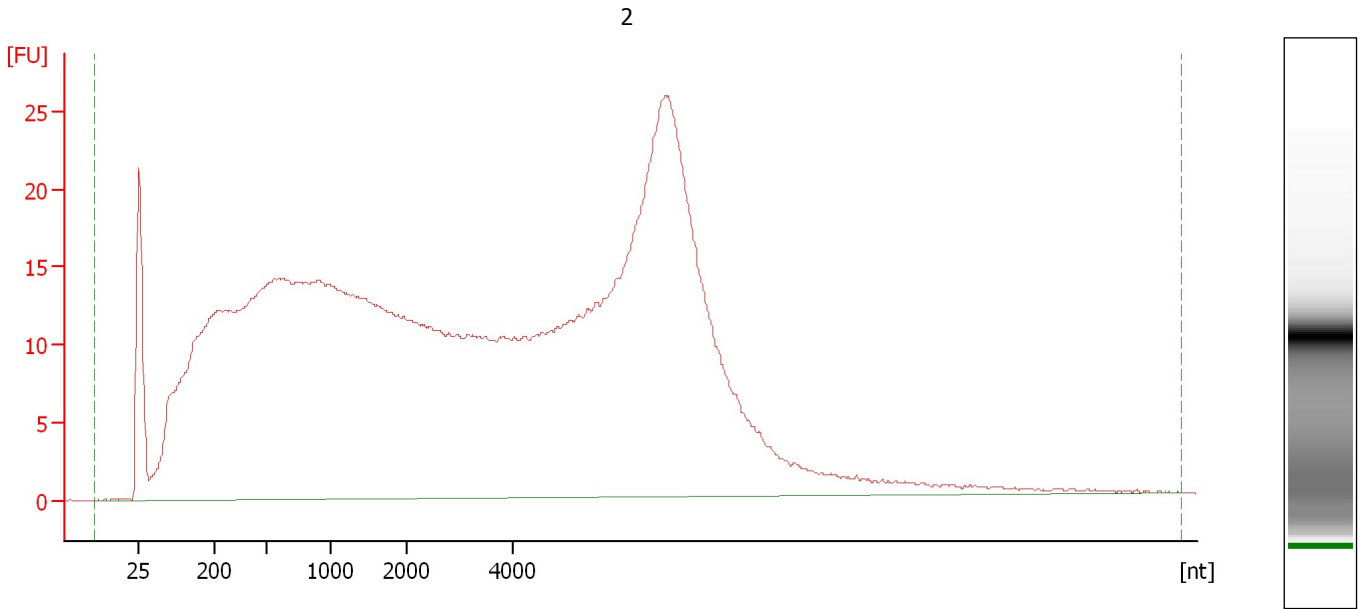
Overall Results for Ladder

RNA Area: 187.6 RNA Concentration: 1,000 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



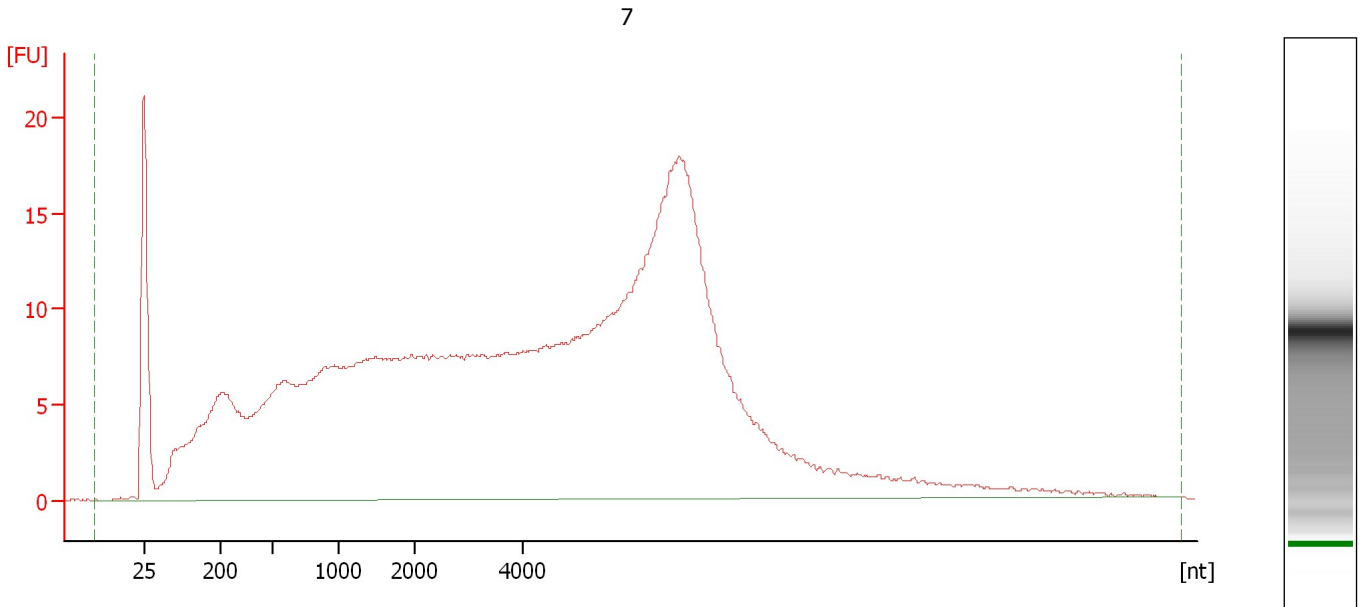
Overall Results for sample 1 : 2

RNA Area:	1,310.0	rRNA Contamination:	0.0 %
RNA Concentration:	6,981 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



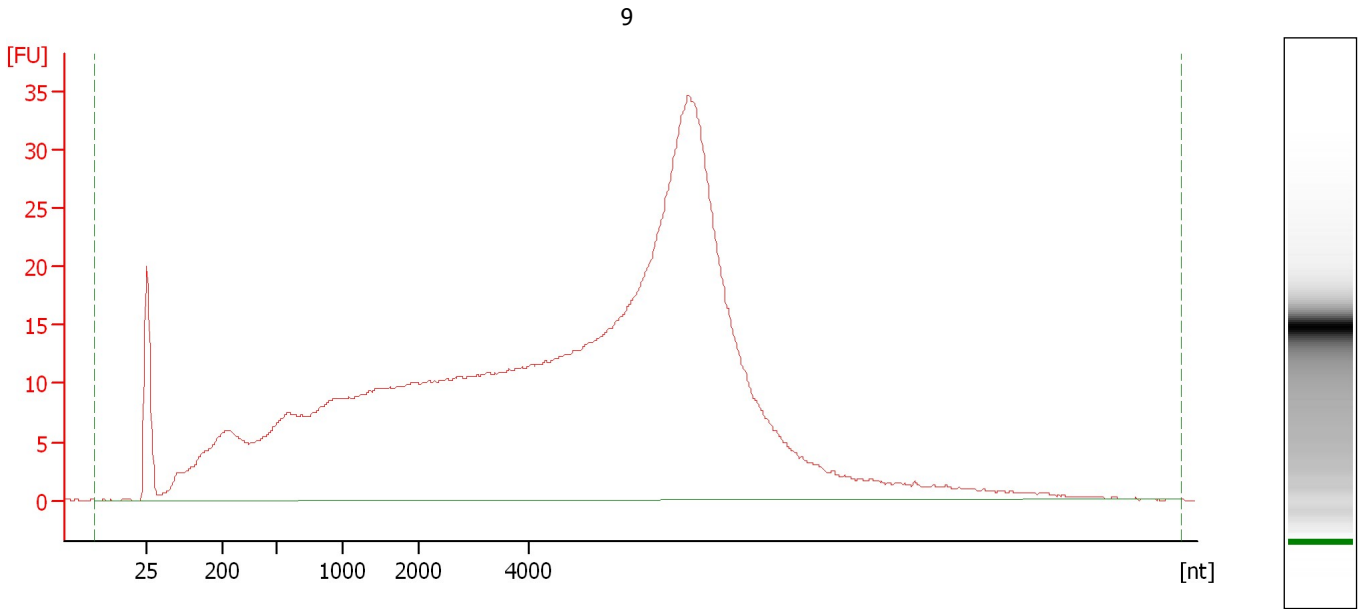
Overall Results for sample 2 : Z

RNA Area:	771.4	rRNA Contamination:	0.0 %
RNA Concentration:	4,111 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



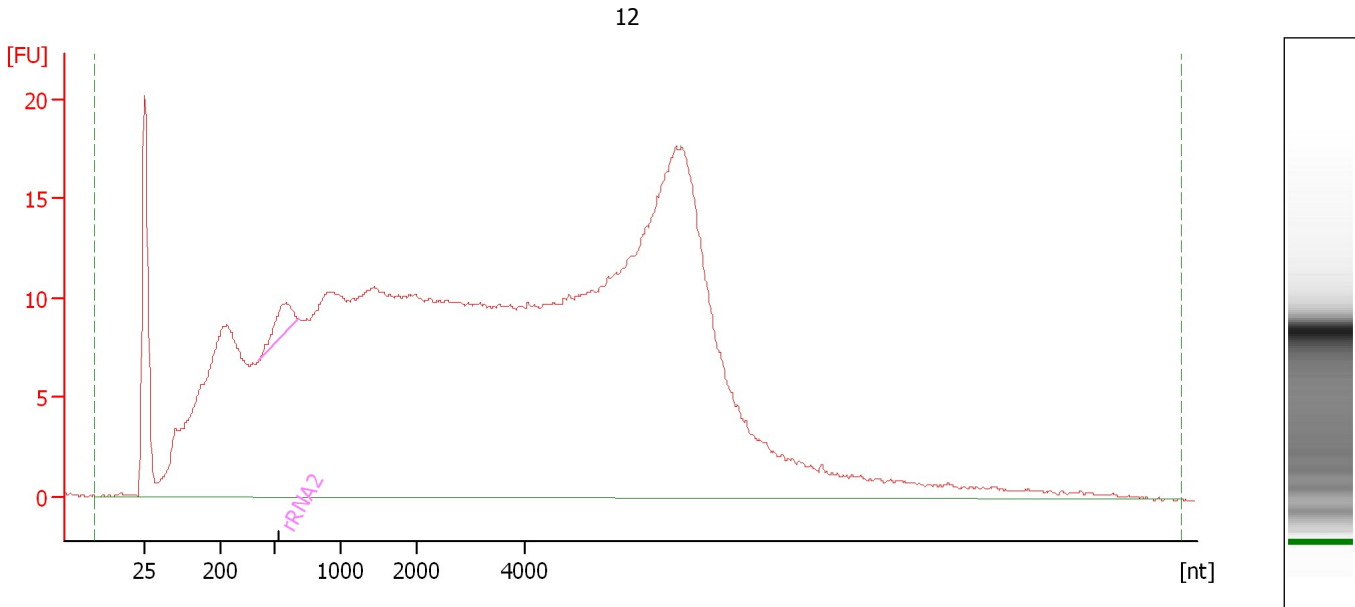
Overall Results for sample 3 : 9

RNA Area:	1,121.0	rRNA Contamination:	0.0 %
RNA Concentration:	5,974 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 12

RNA Area: 969.3 rRNA Contamination: 0.8 %
RNA Concentration: 5,166 pg/μl

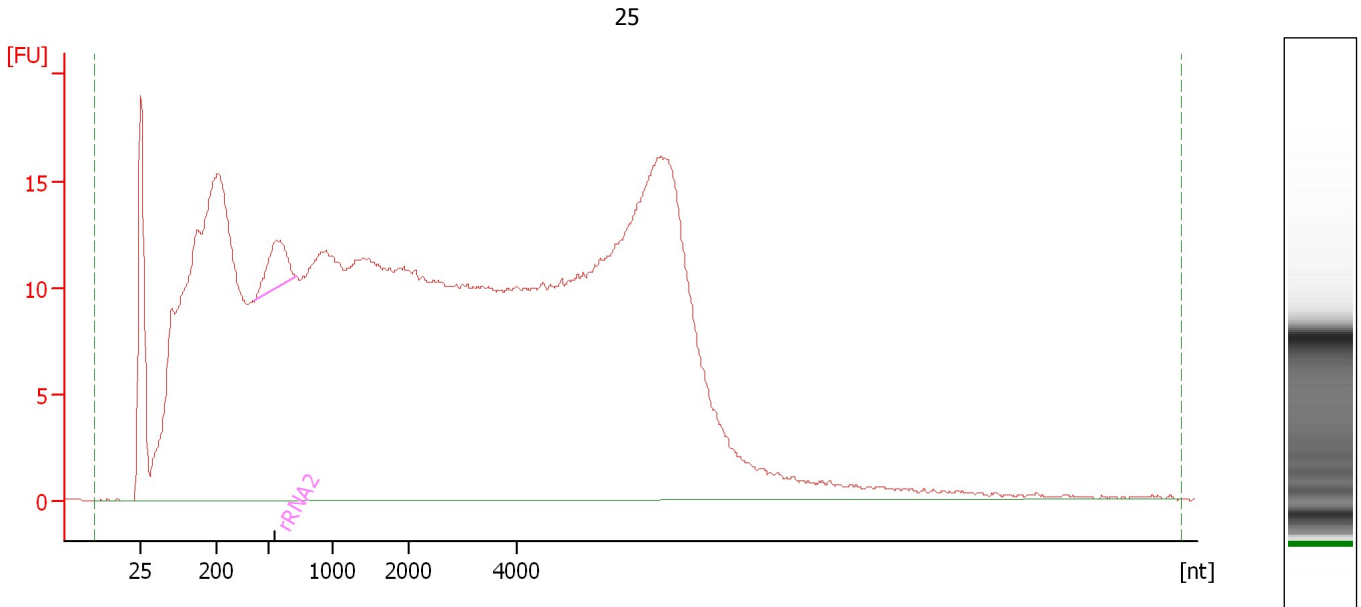
Fragment table for sample 4 : 12

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	414	681	7.4	0.8

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 25

RNA Area: 1,127.3 rRNA Contamination: 1.0 %
RNA Concentration: 6,008 pg/μl

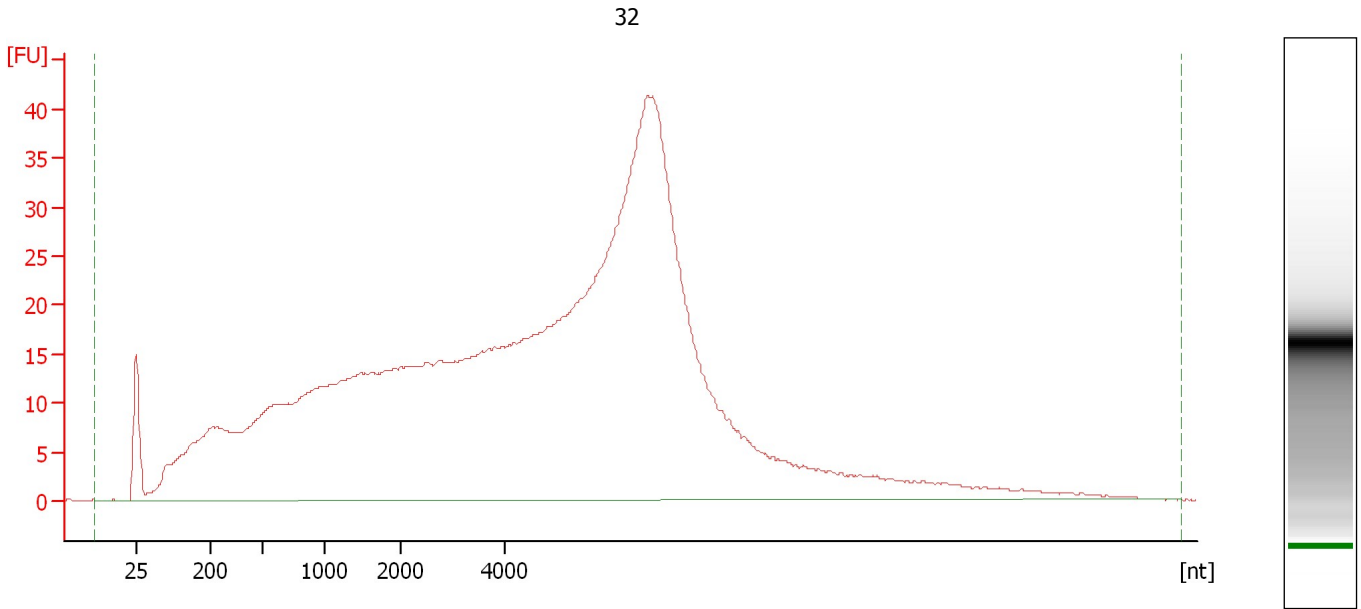
Fragment table for sample 5 : 25

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA2	423	714	11.5	1.0

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



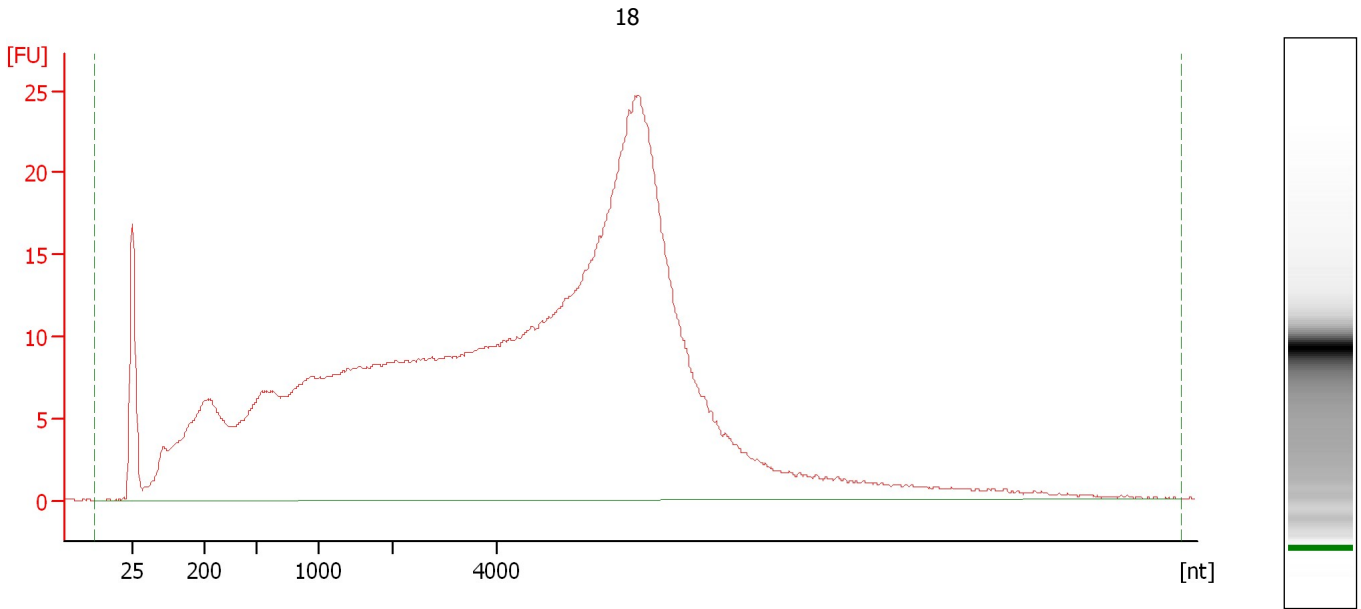
Overall Results for sample 6 : 32

RNA Area:	1,475.4	rRNA Contamination:	0.0 %
RNA Concentration:	7,863 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



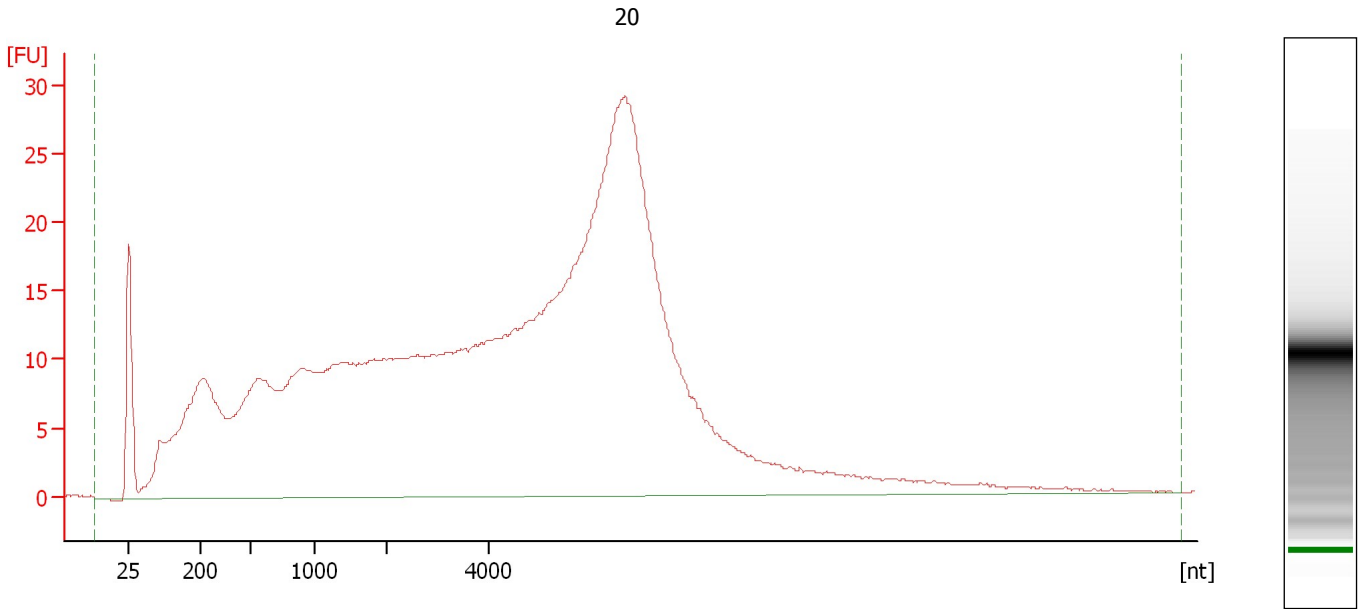
Overall Results for sample 7 : 18

RNA Area: 924.5 rRNA Contamination: 0.0 %
RNA Concentration: 4,927 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 20

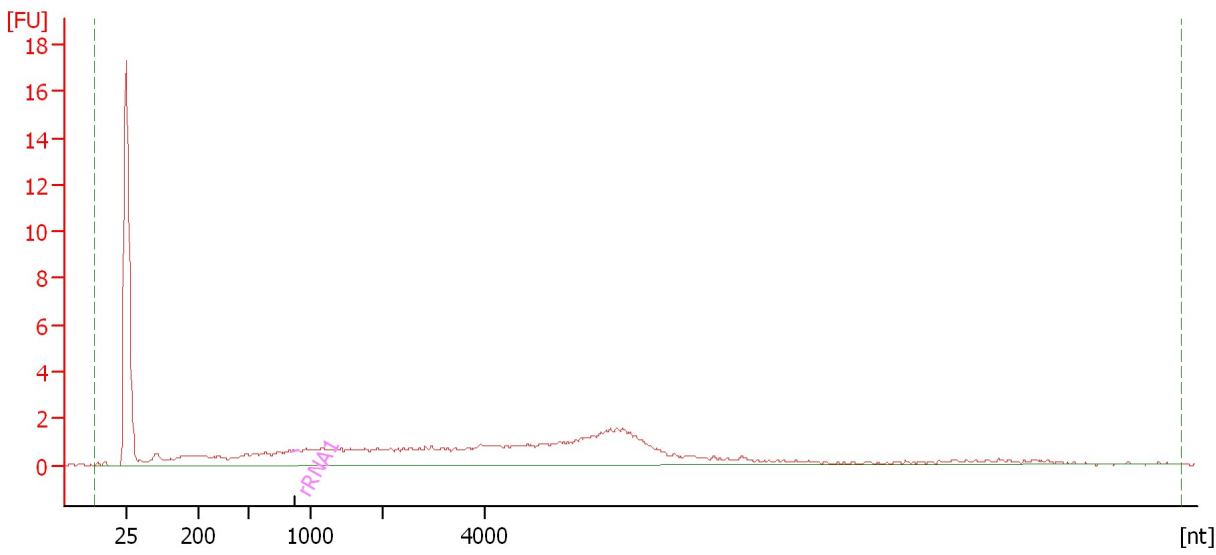
RNA Area:	1,122.4	rRNA Contamination:	0.0 %
RNA Concentration:	5,981 pg/μl		

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...

45



Overall Results for sample 9 : 45

RNA Area: 75.8 rRNA Contamination: 0.1 %
RNA Concentration: 404 pg/μl

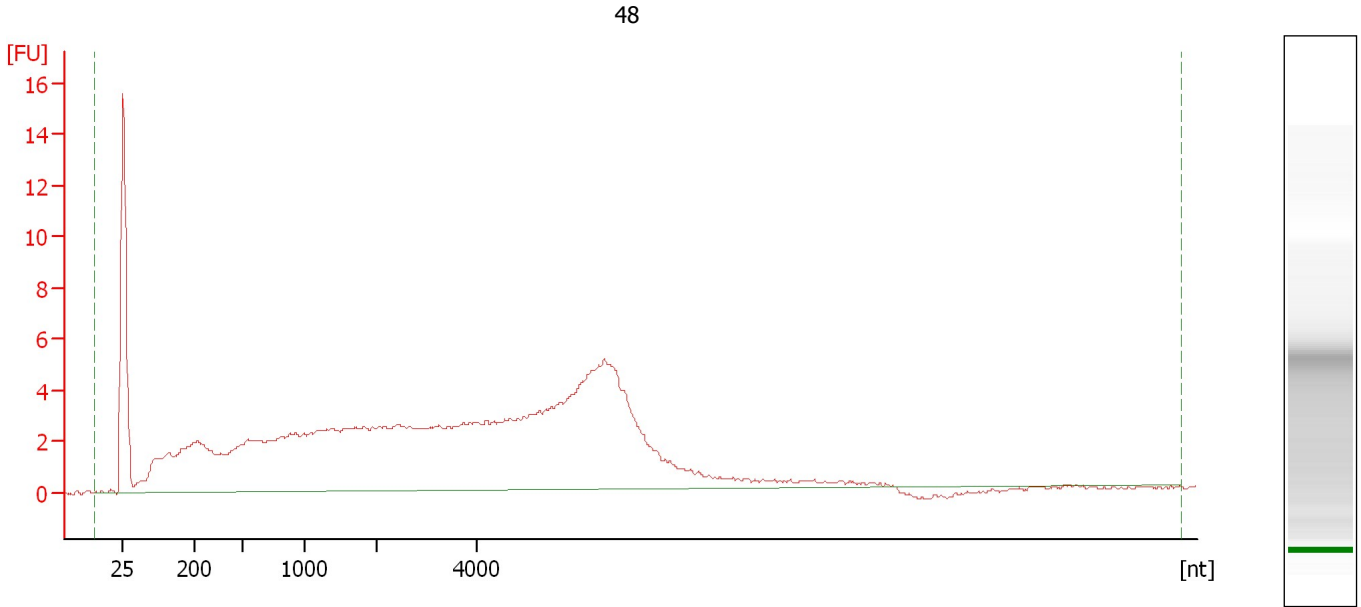
Fragment table for sample 9 : 45

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
rRNA1	852	916	0.0	0.1

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



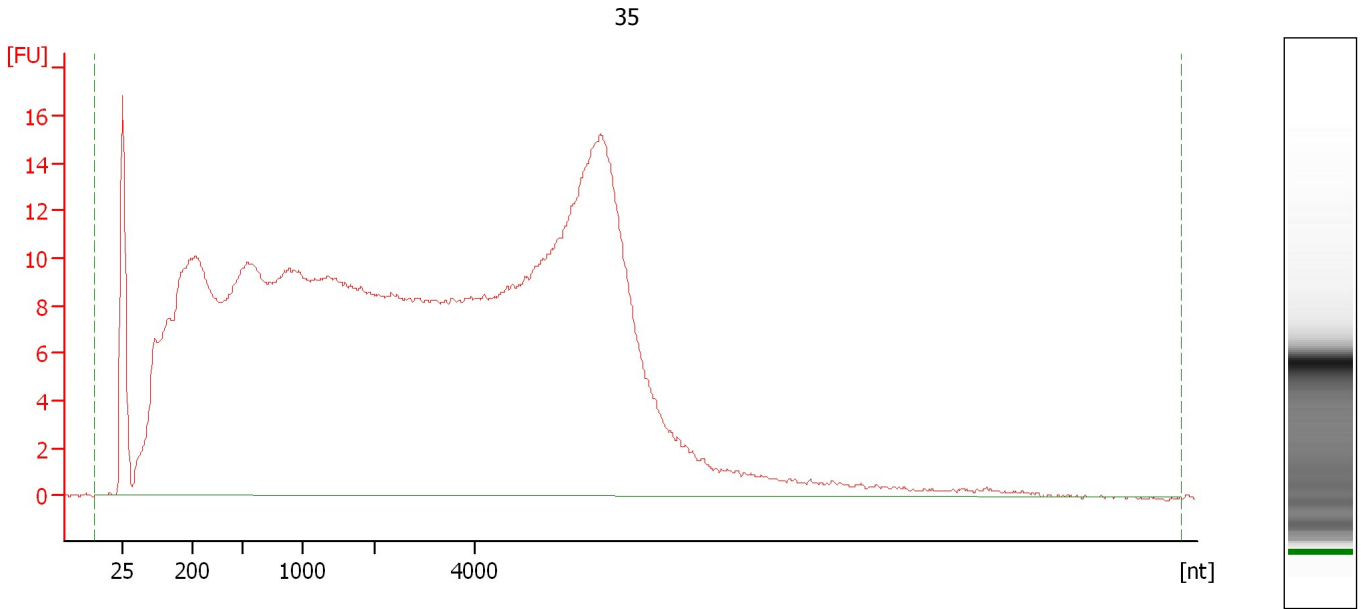
Overall Results for sample 10 : 48

RNA Area: 244.0 rRNA Contamination: 0.0 %
RNA Concentration: 1,300 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 35

RNA Area: 919.9 rRNA Contamination: 0.0 %
RNA Concentration: 4,902 pg/μl

Assay Class: mRNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2019-02-07\2019-02-07_001.xad

Created: 2/7/2019 7:27:03 AM
Modified: 2/7/2019 7:52:56 AM

Gel Image

