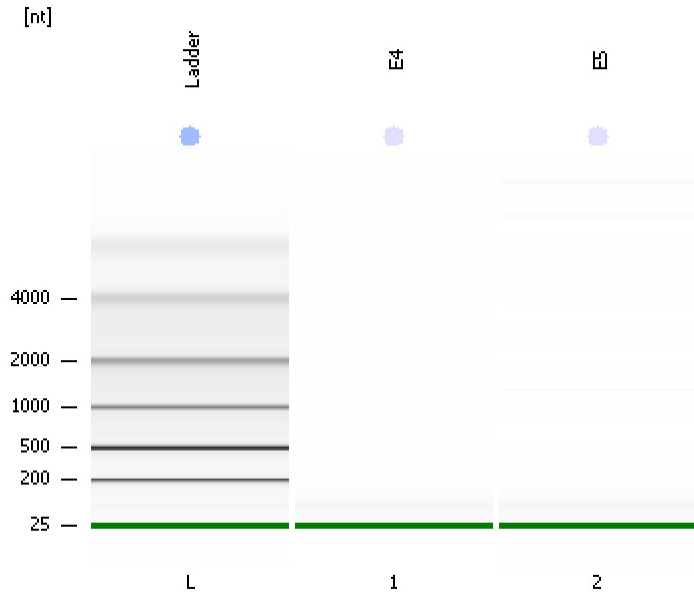


Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

**Electrophoresis File Run Summary**



Instrument Information:

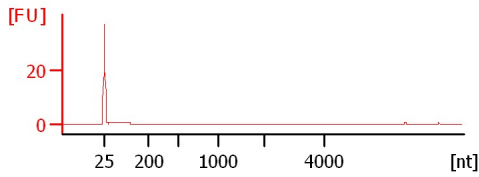
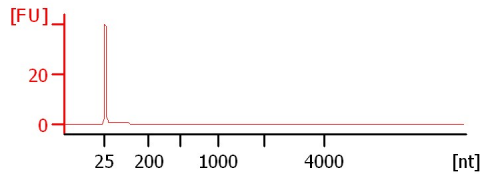
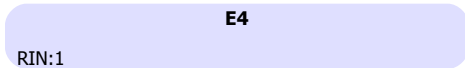
Instrument Name: DE34903152      Firmware: C.01.069  
Serial#: DE34903152      Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy  
Assay Class: Eukaryote Total RNA Pico  
Version: 2.6  
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)  
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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

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

Sample Name	Sample Comment	Status	Result Label	Result Color
E4		✓	RIN:1	
E5		✓	RIN: 2.70	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

## Electrophoresis Assay Details

### General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12  
Minimum Visible Range [s] : 17  
Maximum Visible Range [s] : 70  
Start Analysis Time Range [s] : 18  
End Analysis Time Range [s] : 69  
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] : 18  
Integration End Time [s] : 69  
Slope Threshold : 0.6  
Height Threshold [FU] : 0.5  
Area Threshold : 0.2  
Width Threshold [s] : 0.3  
Baseline Plateau [s] : 6

### Filter Settings

Filter Width [s] : 0.5  
Polynomial Order : 4

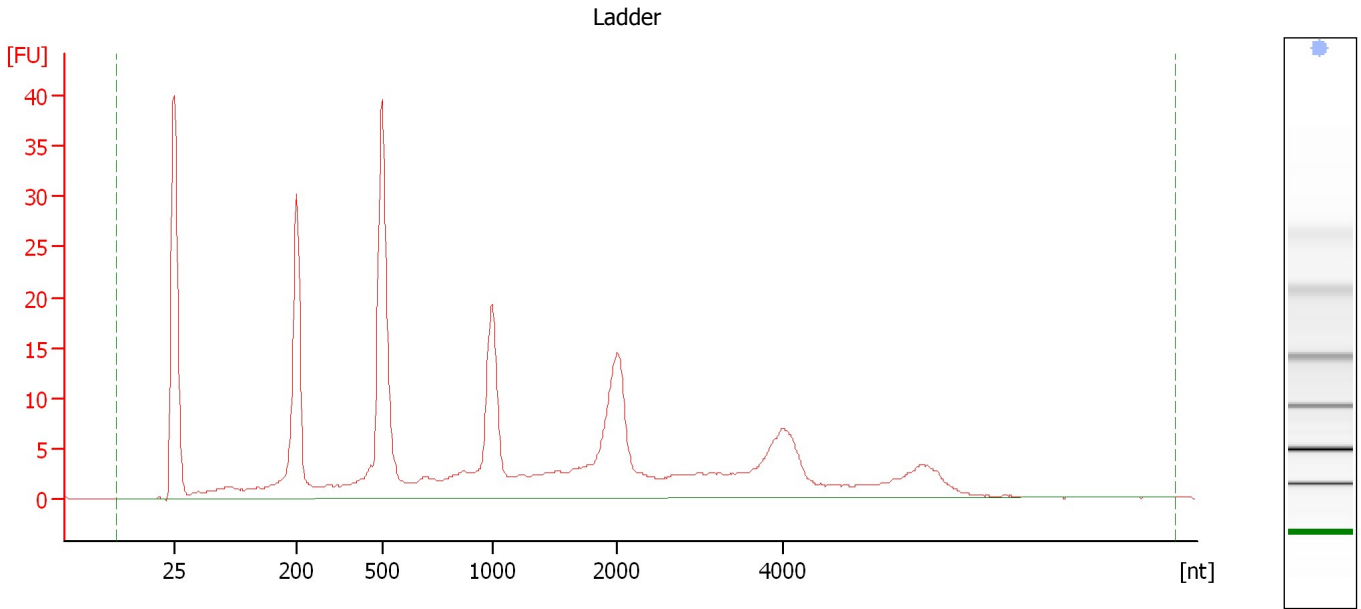
### Ladder

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

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

**Electropherogram Summary**



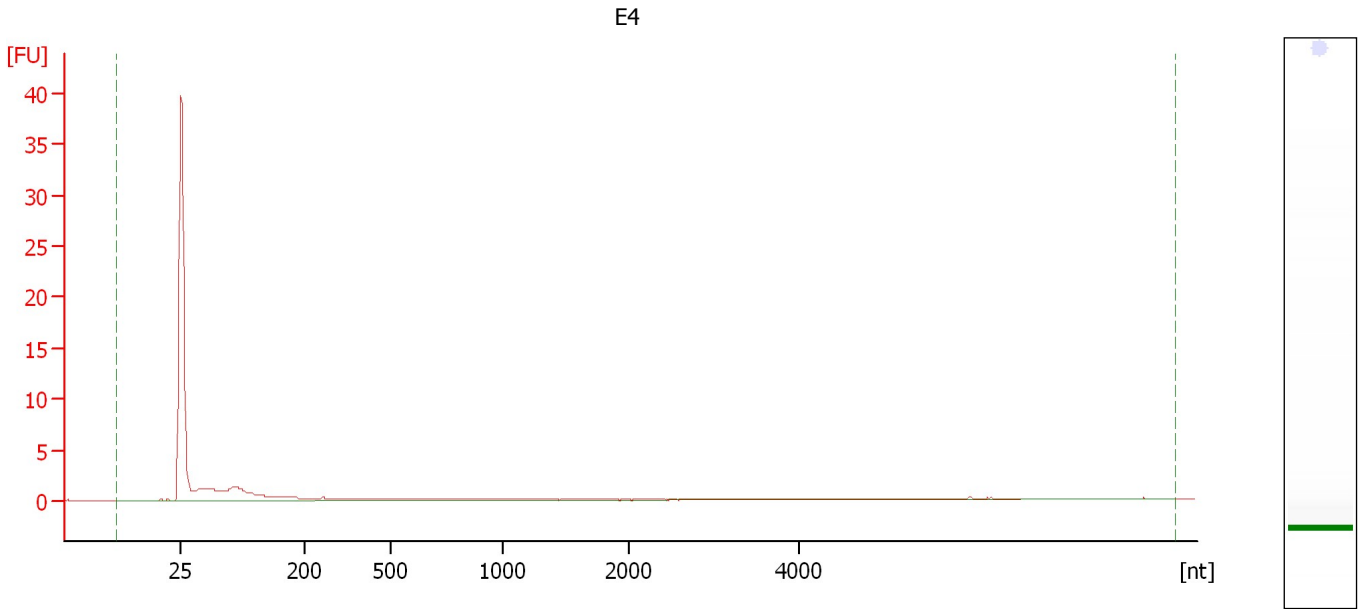
**Overall Results for Ladder**

RNA Area:	328.8	Result Flagging Color:	<span style="background-color: blue; color: blue;"> </span>
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

**Electropherogram Summary Continued ...**



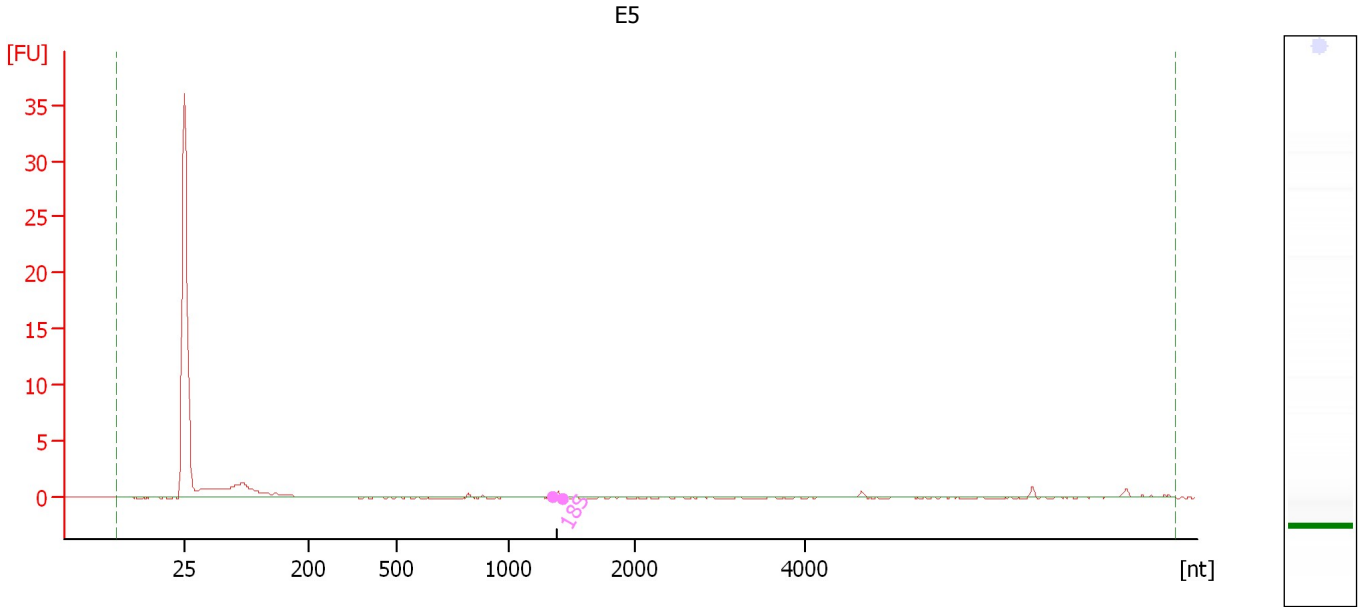
**Overall Results for sample 1 : E4**

RNA Area:	23.4	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	71 pg/ $\mu$ l	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

**Electropherogram Summary Continued ...**



**Overall Results for sample 2 : E5**

RNA Area:	14.5	RNA Integrity Number (RIN):	2.7 (B.02.08)
RNA Concentration:	44 pg/μl	Result Flagging Color:	<span style="background-color: #ccccff; border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.70

**Fragment table for sample 2 : E5**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,343	1,435	0.3	2.1

Assay Class: Eukaryote Total RNA Pico  
Data Path: C:\...r\2100 expert\data\2018-07-13\2018-07-13\_001\_Candelaria.xad

Created: 7/13/2018 3:11:27 PM  
Modified: 7/13/2018 3:39:42 PM

**Gel Image**

