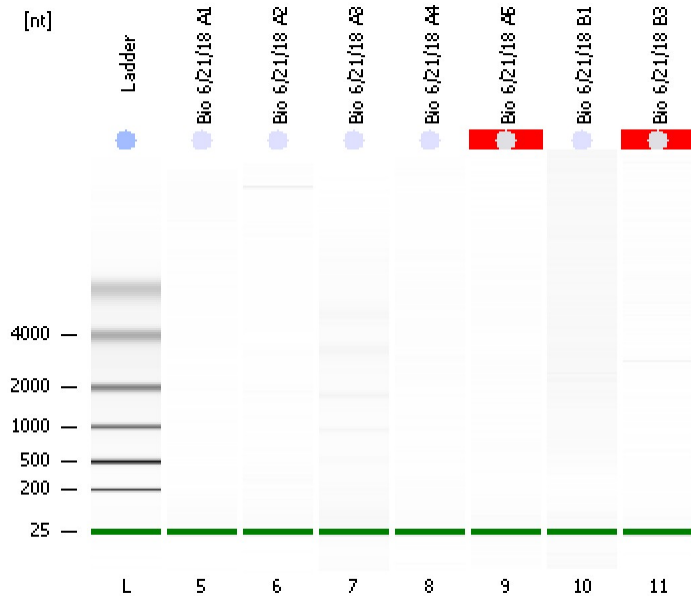


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electrophoresis File Run Summary



Instrument Information:

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

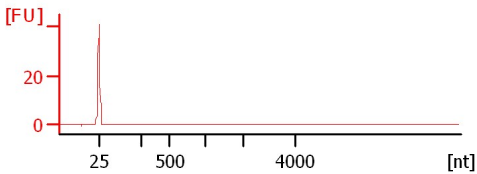
Assay Information:

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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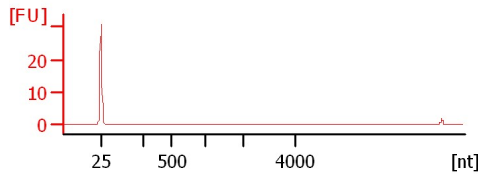
Chip Information:

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

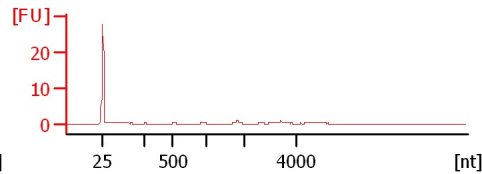
Bio 6/21/18 A1
Candelaria QC
RIN:1



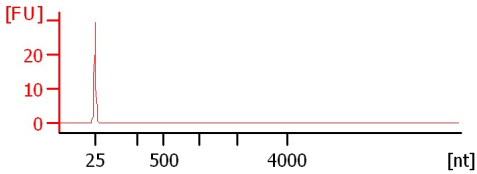
Bio 6/21/18 A2
Candelaria QC
RIN:1



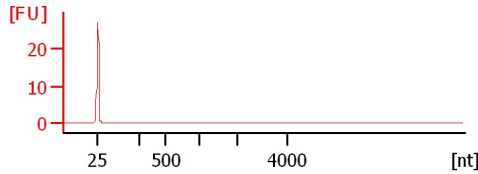
Bio 6/21/18 A3
Candelaria QC
RIN: 5.30



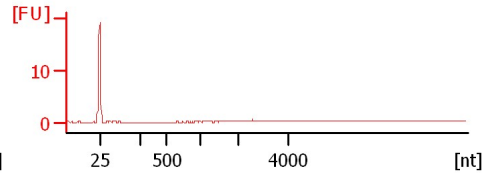
Bio 6/21/18 A4
Candelaria QC
RIN:1



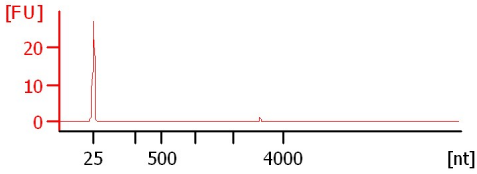
Bio 6/21/18 A5
Candelaria QC
RIN N/A



Bio 6/21/18 B1
Candelaria QC
RIN:1



Bio 6/21/18 B3
Candelaria QC
RIN N/A



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
 Modified: 6/25/2018 4:17:16 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Bio 6/21/18 A1	Candelaria QC	✓	RIN:1	
Bio 6/21/18 A2	Candelaria QC	✓	RIN:1	
Bio 6/21/18 A3	Candelaria QC	✓	RIN: 5.30	
Bio 6/21/18 A4	Candelaria QC	✓	RIN:1	
Bio 6/21/18 A5	Candelaria QC	✓	RIN N/A	
Bio 6/21/18 B1	Candelaria QC	✓	RIN:1	
Bio 6/21/18 B3	Candelaria QC	✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 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/ 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] : 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

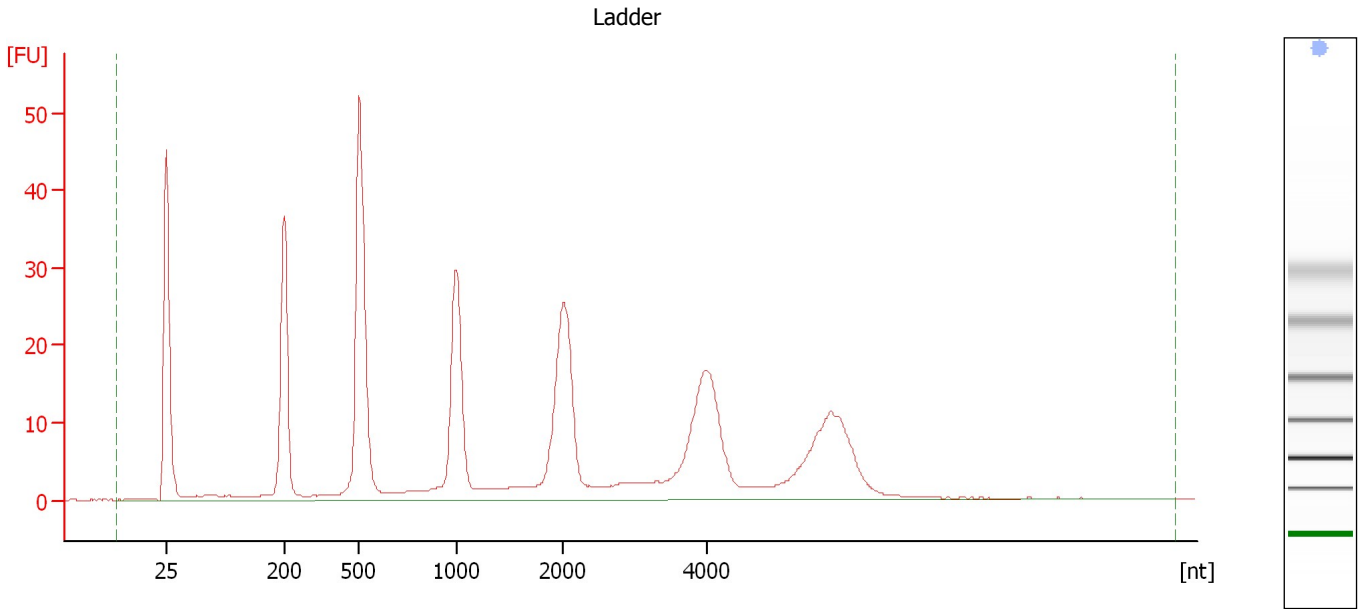
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary



Overall Results for Ladder

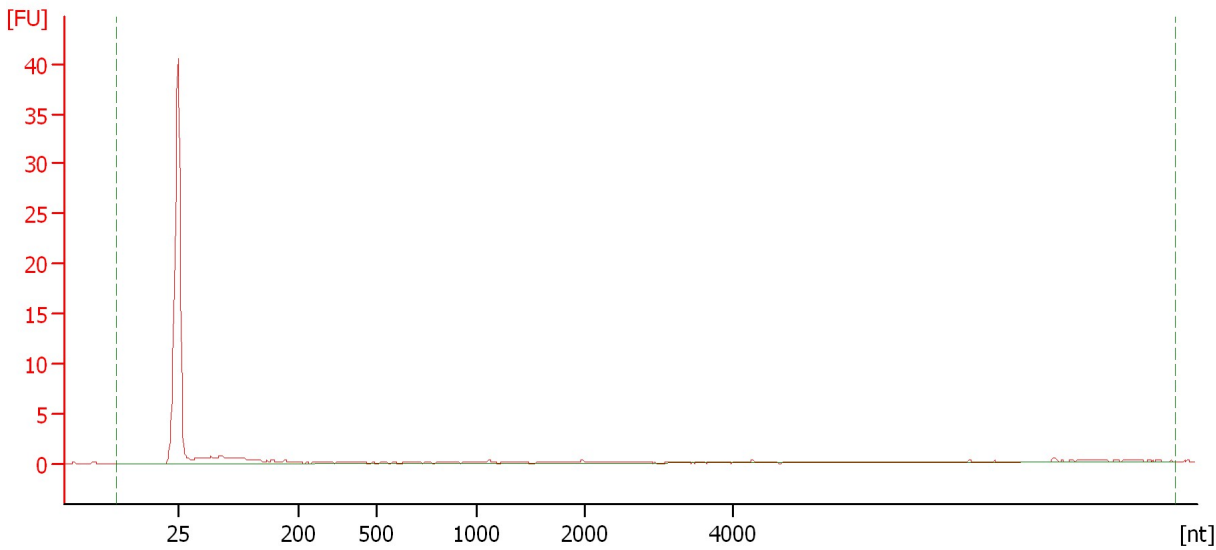
RNA Area:	412.1	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 A1 [Candelaria QC]



Overall Results for sample 5 : Bio 6/21/18 A1

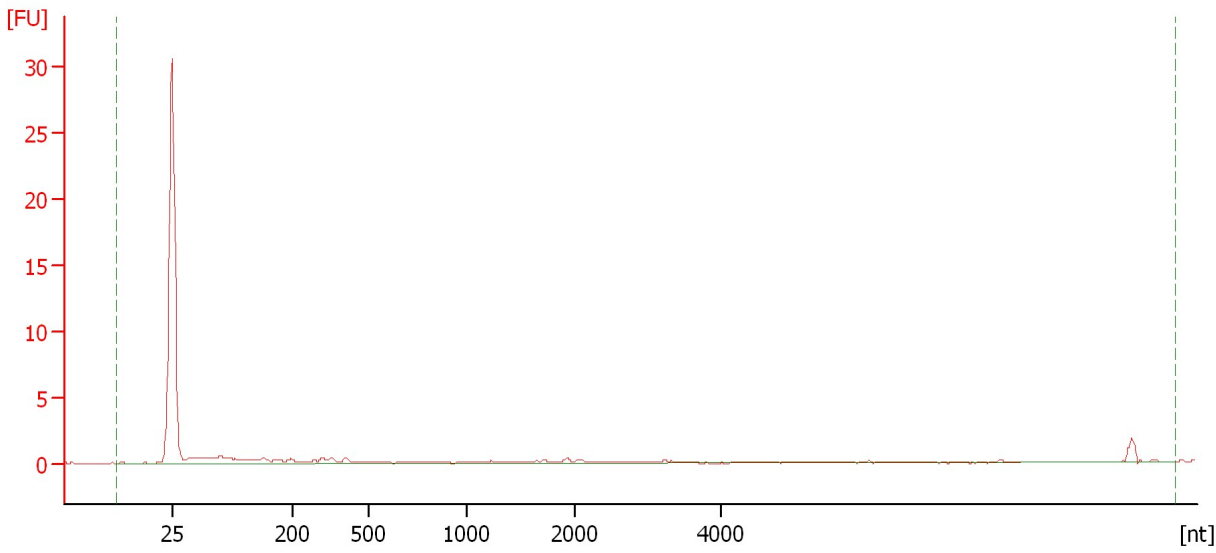
RNA Area:	11.0	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	27 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 A2 [Candelaria QC]



Overall Results for sample 6 : Bio 6/21/18 A2

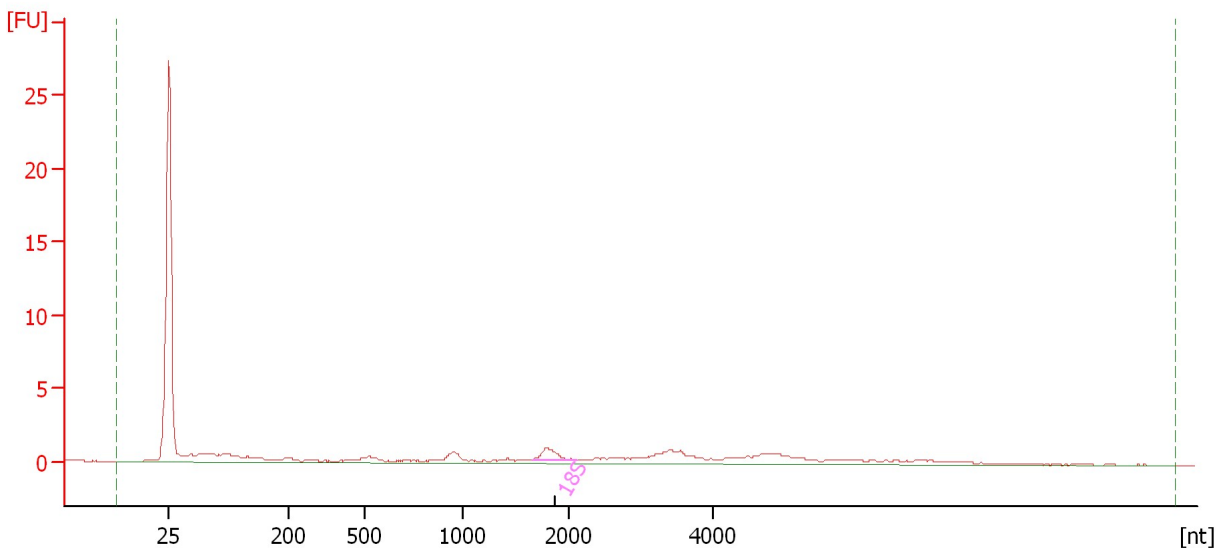
RNA Area:	10.7	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	26 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
 Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 A3 [Candelaria QC]



Overall Results for sample 7 : Bio 6/21/18 A3

RNA Area:	33.6	RNA Integrity Number (RIN):	5.3 (B.02.08)
RNA Concentration:	82 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.30

Fragment table for sample 7 : Bio 6/21/18 A3

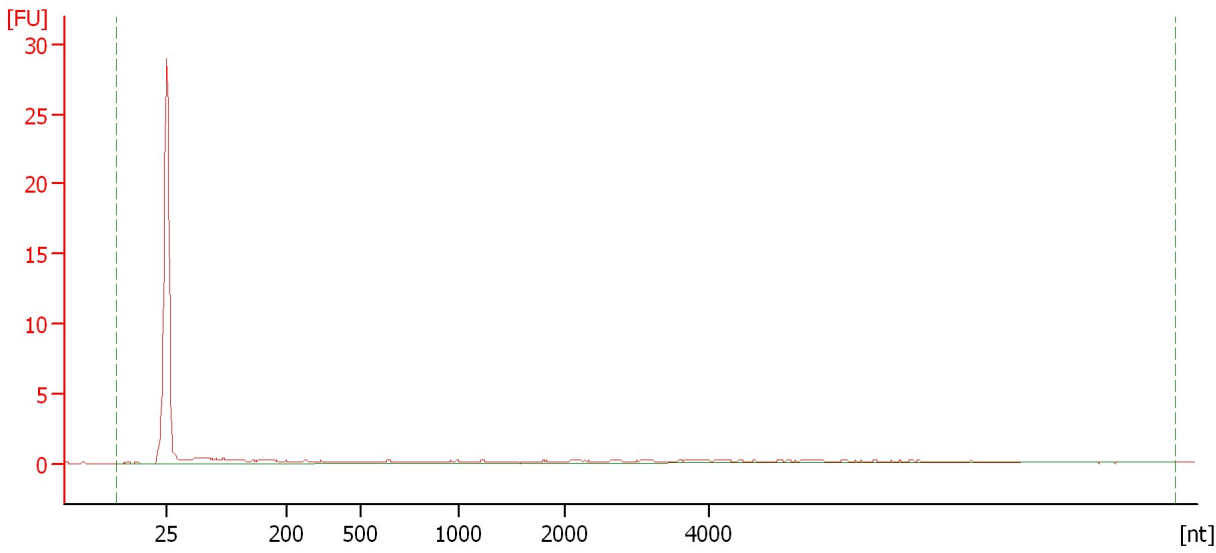
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,656	2,095	1.6	4.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 A4 [Candelaria QC]



Overall Results for sample 8 : Bio 6/21/18 A4

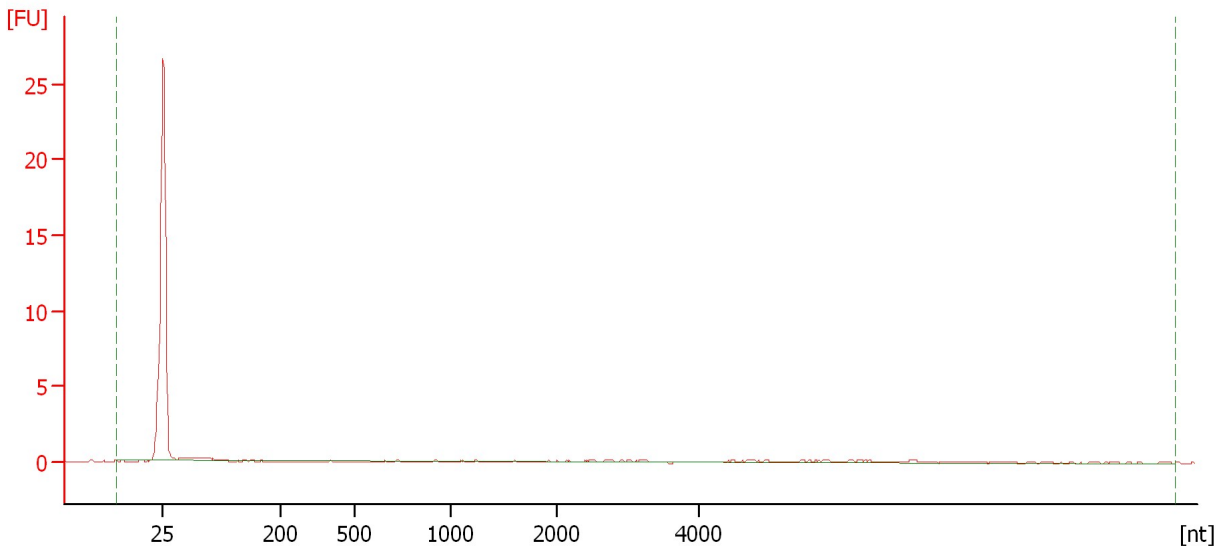
RNA Area:	13.9	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	34 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 A5 [Candelaria QC]



Overall Results for sample 9 : Bio 6/21/18 A5

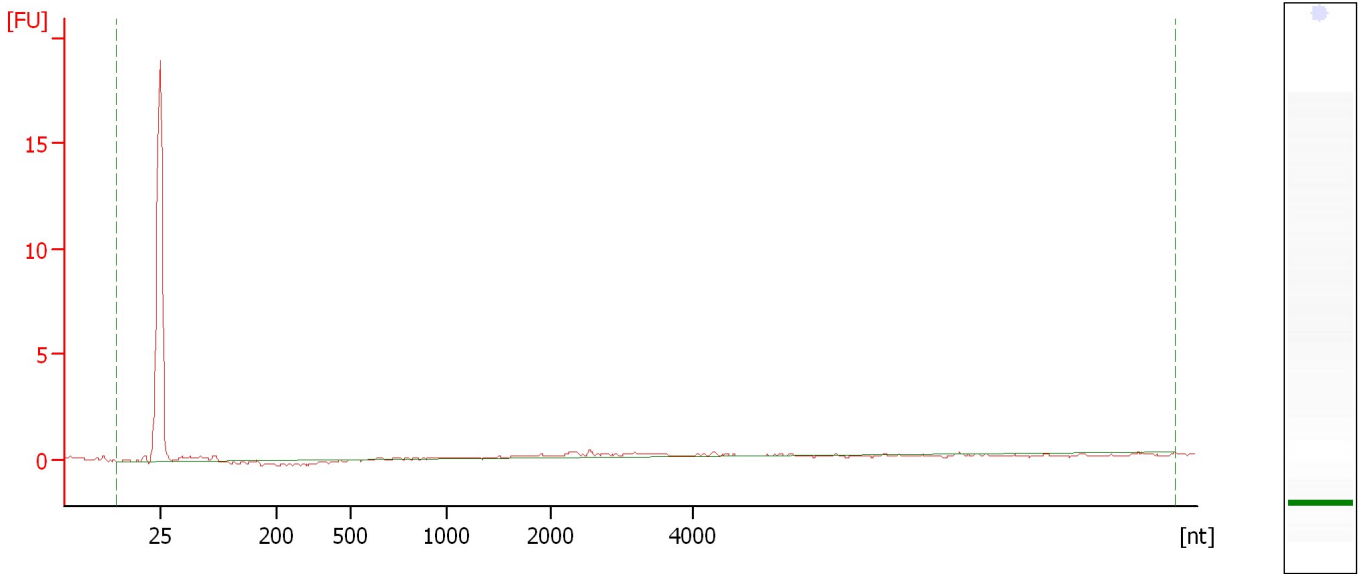
RNA Area:	3.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	8 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 B1 [Candelaria QC]



Overall Results for sample 10 : Bio 6/21/18 B1

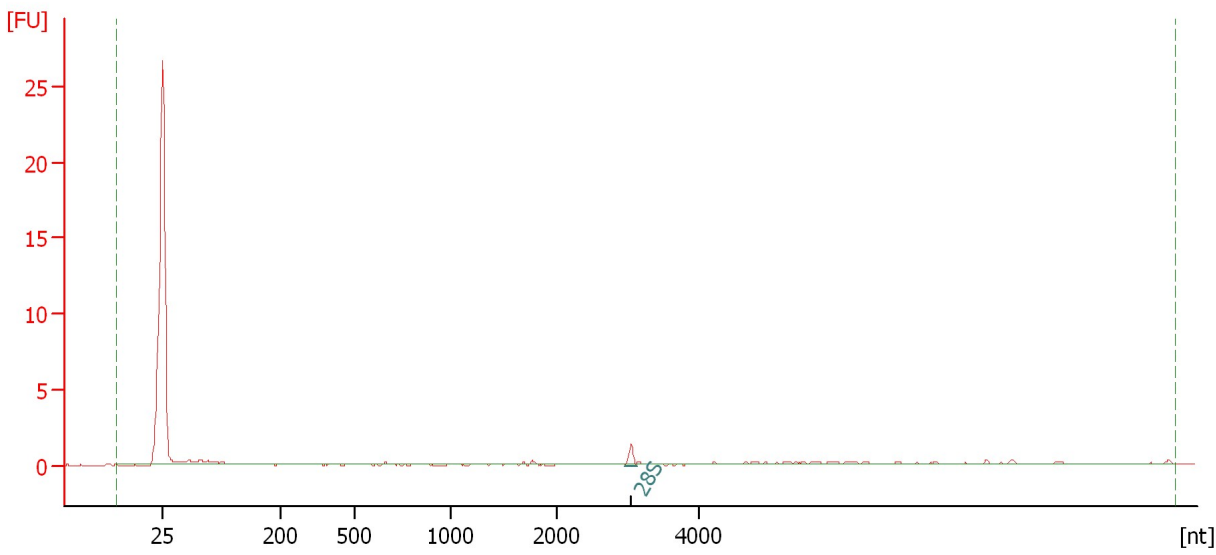
RNA Area:	4.9	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	12 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
 Modified: 6/25/2018 4:17:16 PM

Electropherogram Summary Continued ...

Bio 6/21/18 B3 [Candelaria QC]



Overall Results for sample 11 : Bio 6/21/18 B3

RNA Area:	5.1	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	12 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 11 : Bio 6/21/18 B3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	2,955	3,105	0.8	15.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...t\data\2018-06-25\2018-06-25_007_Candelaria_RNA_QC_Pico.xad

Created: 6/25/2018 3:48:41 PM
Modified: 6/25/2018 4:17:16 PM

Gel Image

