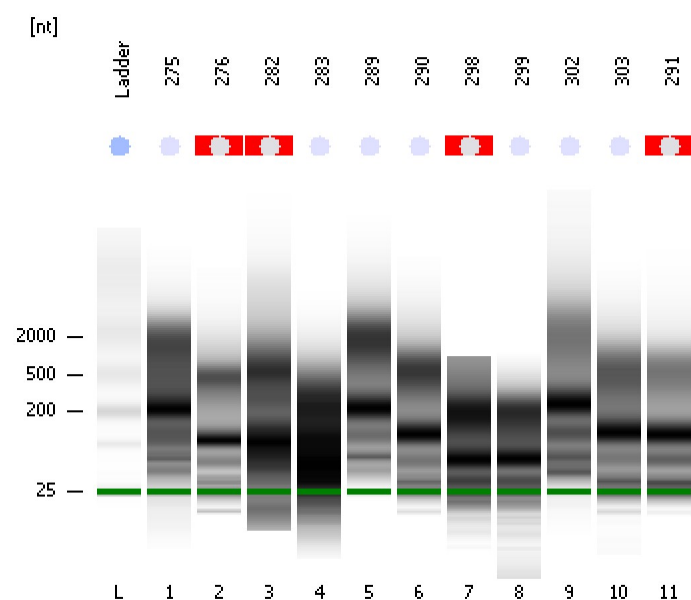


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-26_12-48-37.xad

Created: 8/26/2016 12:48:37 PM
Modified: 8/26/2016 1:11:37 PM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE72902486
Serial#: DE72902486

Firmware: C.01.069
Type: G2939A

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)

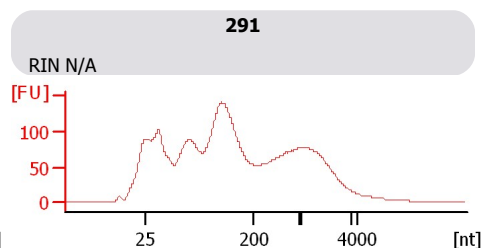
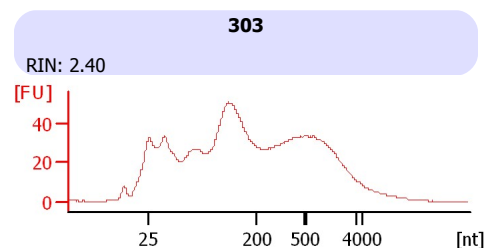
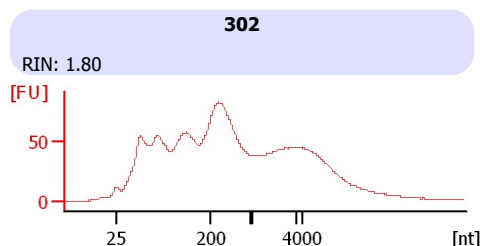
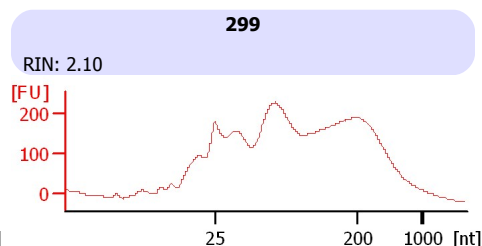
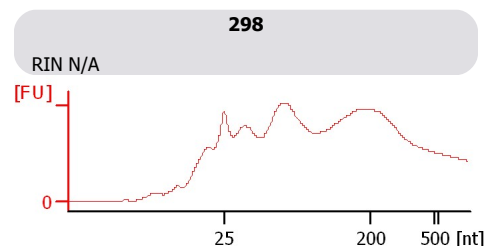
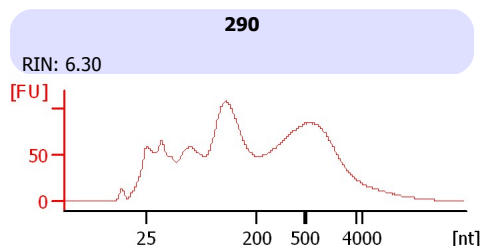
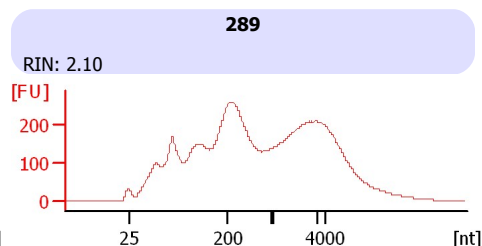
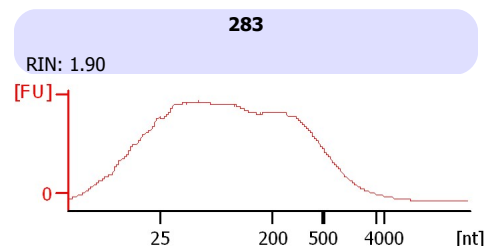
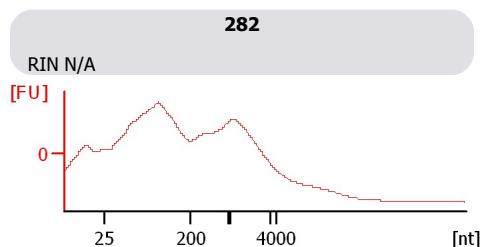
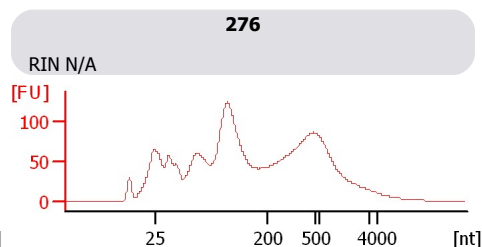
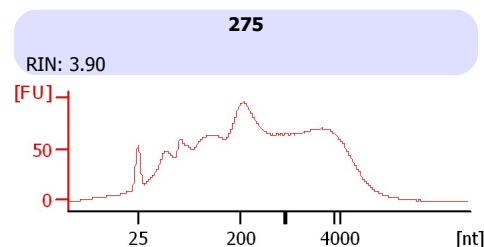
© Copyright 2003 - 2009 Agilent Technologies, Inc.

Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-26_12-48-37.xad

Created: 8/26/2016 12:48:37 PM
Modified: 8/26/2016 1:11:37 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat Result Label	Result Color
		us	
275		✓ RIN: 3.90	
276		✓ RIN N/A	
282		✓ RIN N/A	
283		✓ RIN: 1.90	
289		✓ RIN: 2.10	
290		✓ RIN: 6.30	
298		✓ RIN N/A	
299		✓ RIN: 2.10	
302		✓ RIN: 1.80	
303		✓ RIN: 2.40	
291		✓ RIN N/A	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-26_12-48-37.xad

Created: 8/26/2016 12:48:37 PM
Modified: 8/26/2016 1:11:37 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

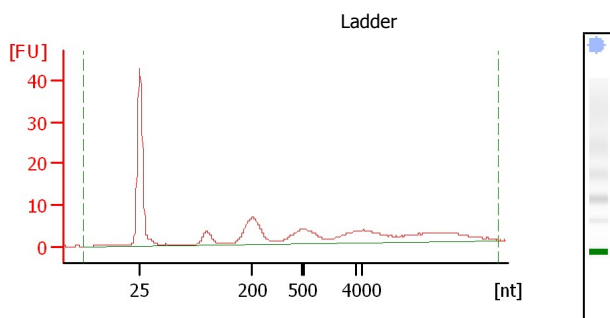
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-26_12-48-37.xad

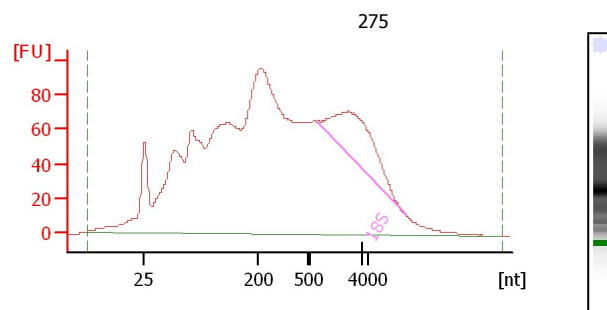
Created: 8/26/2016 12:48:37 PM
Modified: 8/26/2016 1:11:37 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 133.7
RNA Concentration: 1,000 pg/μl
Result Flagging Color:
Result Flagging Label: All Other Samples

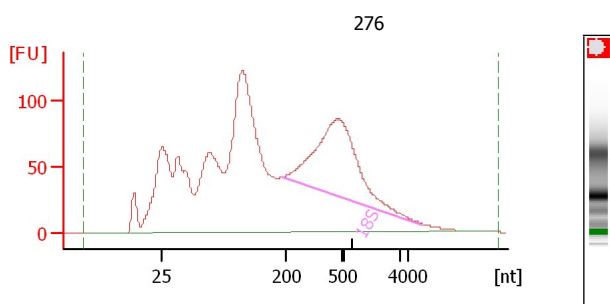


Overall Results for sample 1 : 275

RNA Area: 4,356.8
RNA Concentration: 32,589 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): 3.9 (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN: 3.90

Fragment table for sample 1 : 275

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,149	14,193	309.1	7.1

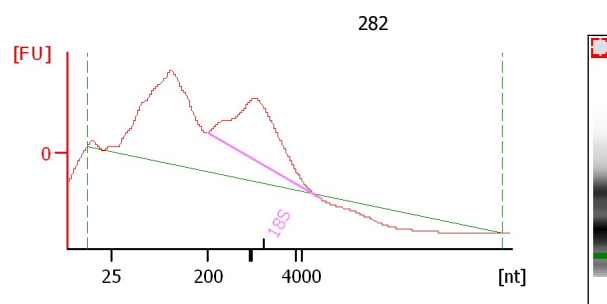


Overall Results for sample 2 : 276

RNA Area: 3,702.7
RNA Concentration: 27,697 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN N/A

Fragment table for sample 2 : 276

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	193	7,538	673.9	18.2



Overall Results for sample 3 : 282

RNA Area: 14,925.9
RNA Concentration: 111,646 pg/μl
rRNA Ratio [28s / 18s]: 0.0
RNA Integrity Number (RIN): N/A (B.02.07)
Result Flagging Color:
Result Flagging Label: RIN N/A

Fragment table for sample 3 : 282

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	207	10,368	3,770.2	25.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-26_12-48-37.xad

Created: 8/26/2016 12:48:37 PM
Modified: 8/26/2016 1:11:37 PM

Gel Image