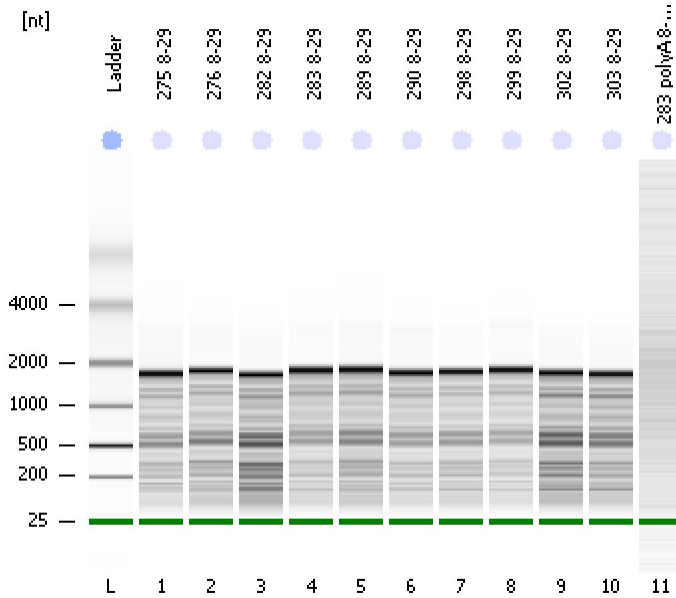


Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_14-41-55.xad

Created: 8/30/2016 2:41:55 PM
 Modified: 8/30/2016 3:04:52 PM

Electrophoresis File Run Summary



Instrument Information:

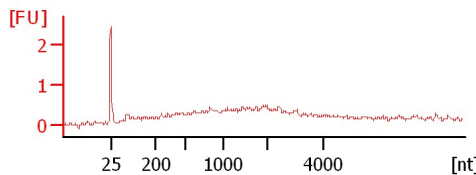
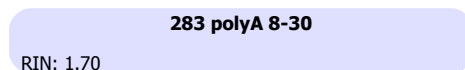
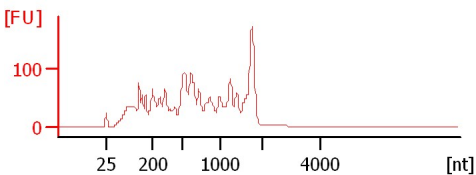
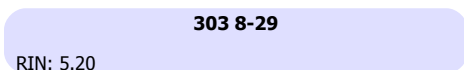
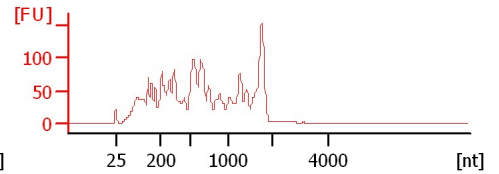
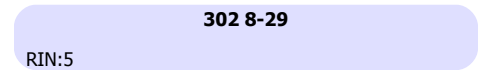
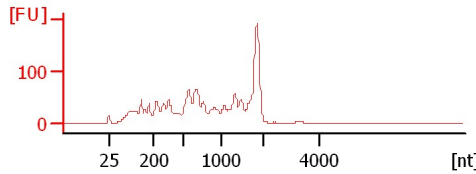
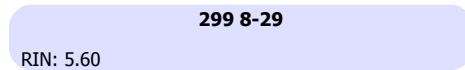
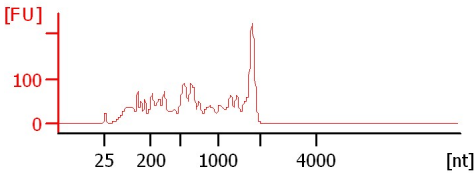
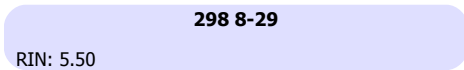
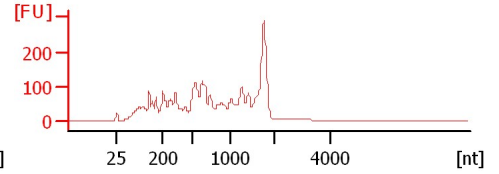
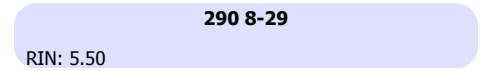
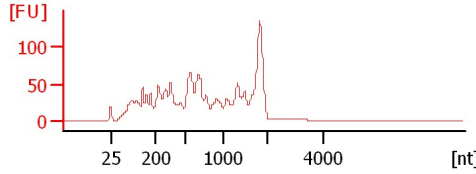
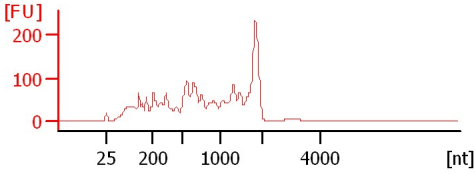
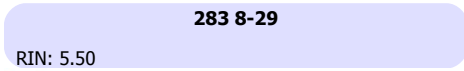
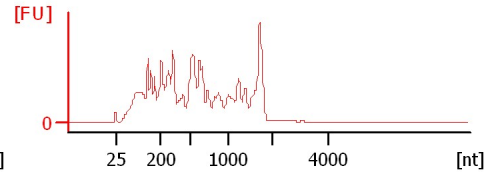
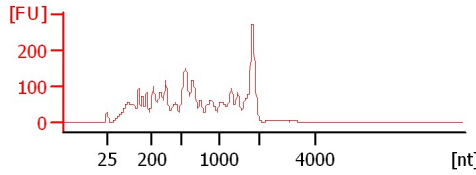
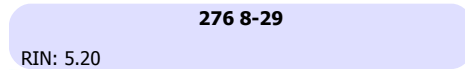
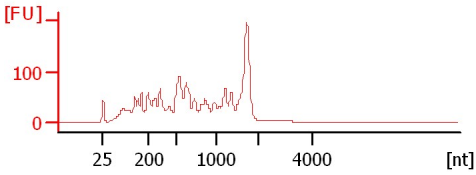
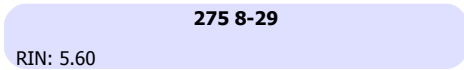
Instrument Name: DE72902486 Firmware: C.01.069
 Serial#: DE72902486 Type: G2939A

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)
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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_14-41-55.xad

Created: 8/30/2016 2:41:55 PM
 Modified: 8/30/2016 3:04:52 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Stat	Result Label	Result Color
275 8-29		✓	RIN: 5.60	
276 8-29		✓	RIN: 5.20	
282 8-29		✓	RIN: 4.90	
283 8-29		✓	RIN: 5.50	
289 8-29		✓	RIN: 5.40	
290 8-29		✓	RIN: 5.50	
298 8-29		✓	RIN: 5.50	
299 8-29		✓	RIN: 5.60	
302 8-29		✓	RIN:5	
303 8-29		✓	RIN: 5.20	
283 polyA 8-30		✓	RIN: 1.70	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_14-41-55.xad

Created: 8/30/2016 2:41:55 PM
Modified: 8/30/2016 3:04:52 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

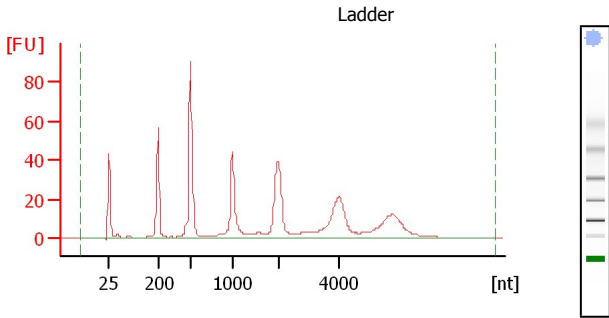
Ladder

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_2016-08-30_14-41-55.xad

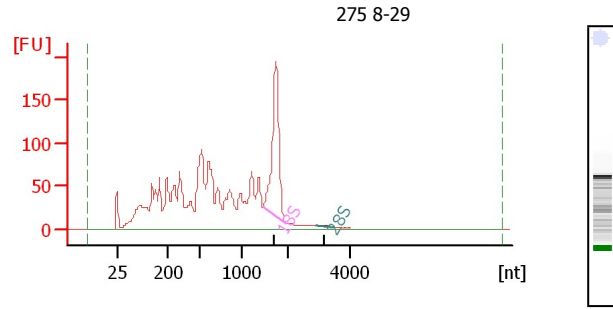
Created: 8/30/2016 2:41:55 PM
 Modified: 8/30/2016 3:04:52 PM

Electropherogram Summary



Overall Results for Ladder

RNA Area: 615.4
 RNA Concentration: 1,000 pg/μl
 Result Flagging Color:
 Result Flagging Label: All Other Samples

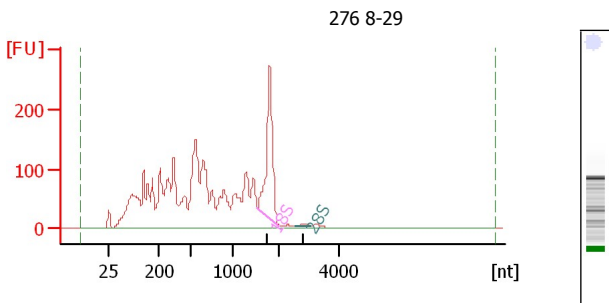


Overall Results for sample 1 : 275 8-29

RNA Area: 2,518.2
 RNA Concentration: 4,092 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 5.6 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.60

Fragment table for sample 1 : 275 8-29

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,470	1,976	395.9	15.7
28S	2,936	3,498	3.9	0.2

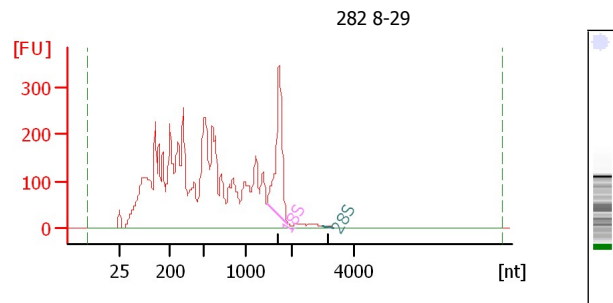


Overall Results for sample 2 : 276 8-29

RNA Area: 3,868.6
 RNA Concentration: 6,287 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 5.2 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 5.20

Fragment table for sample 2 : 276 8-29

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,545	2,013	491.2	12.7
28S	2,565	3,062	3.0	0.1



Overall Results for sample 3 : 282 8-29

RNA Area: 6,691.5
 RNA Concentration: 10,874 pg/μl
 rRNA Ratio [28s / 18s]: 0.0
 RNA Integrity Number (RIN): 4.9 (B.02.07)
 Result Flagging Color:
 Result Flagging Label: RIN: 4.90

Fragment table for sample 3 : 282 8-29

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,456	1,911	631.0	9.4
28S	2,974	3,340	2.8	0.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...Eukaryote Total RNA Pico_DE72902486_2016-08-30_14-41-55.xad

Created: 8/30/2016 2:41:55 PM
Modified: 8/30/2016 3:04:52 PM

Gel Image

