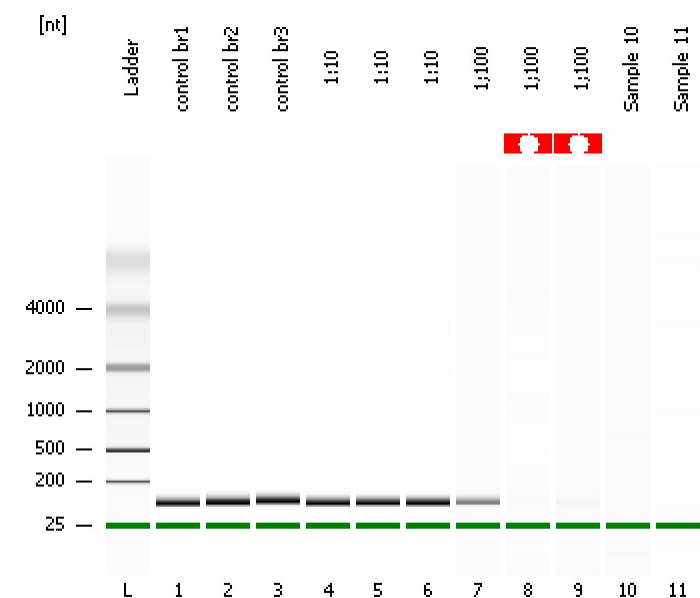


Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electrophoresis File Run Summary



Instrument Information:

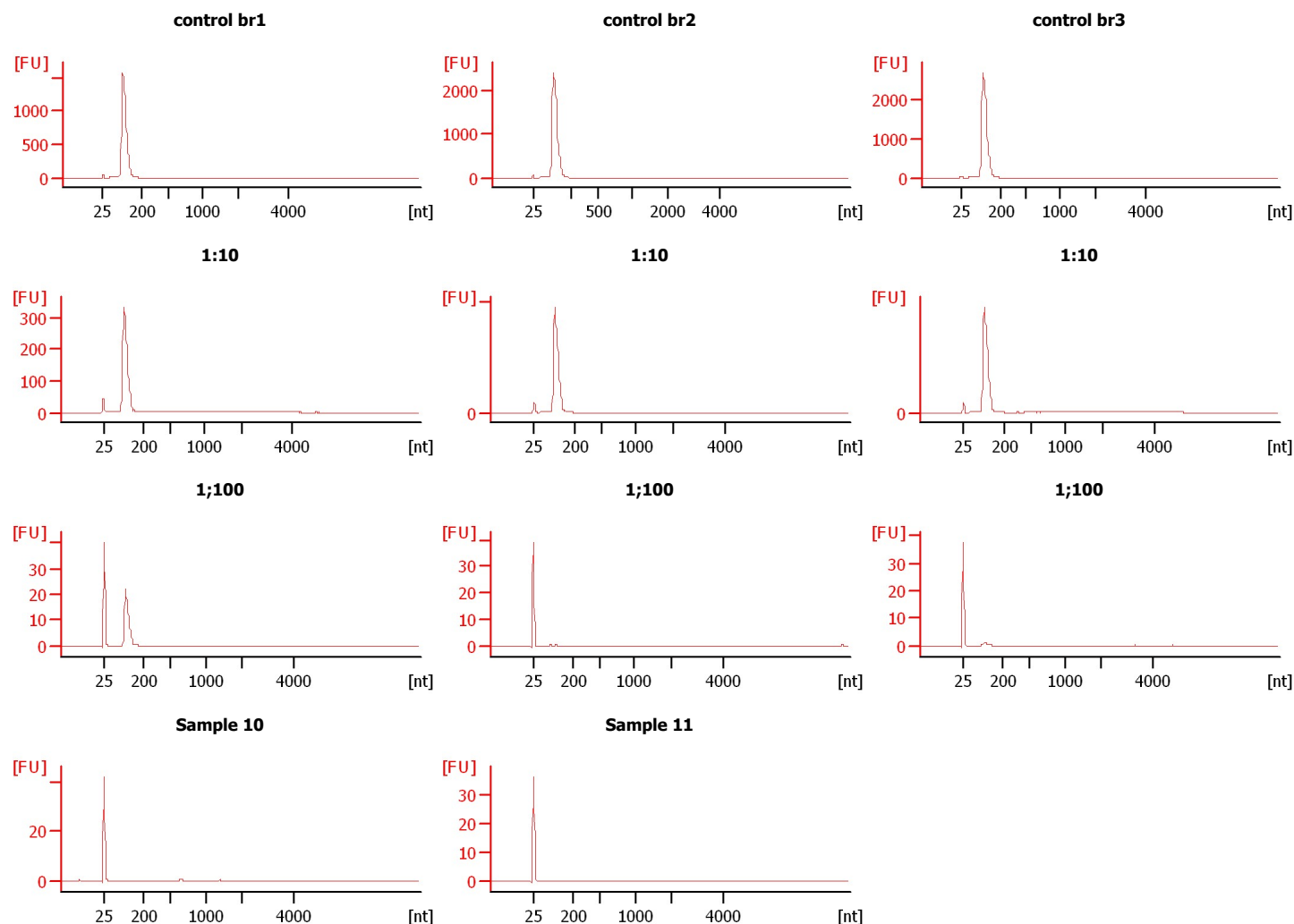
Instrument Name: DE72902741
Serial#: DE72902741
Firmware: C.01.069
Type: G2939A

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Prokaryote Total RNA Pico Series II.xsy
Assay Class: Prokaryote Total RNA Pico
Version: 2.5
Assay Comments: Total RNA Analysis pg sensitivity (Prokaryote)
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Chip Information:

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



Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
control br1		✓		
control br2		✓		
control br3		✓		
1:10		✓		
1:10		✓		
1:10		✓		
1;100		✓		
1;100		✓		
1;100		✓		
Sample 10		✓		
Sample 11		✓		
Ladder		✓		

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

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 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

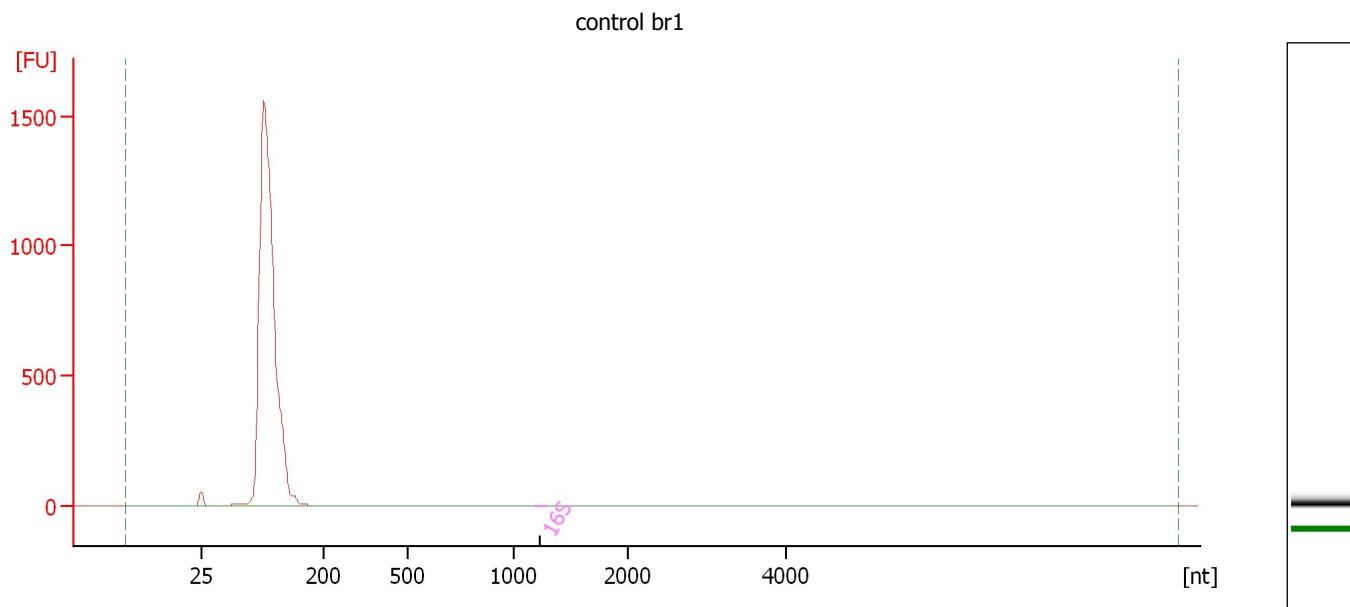
Polynomial Order : 4

Ladder

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

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary**Overall Results for sample 1 : control br1**

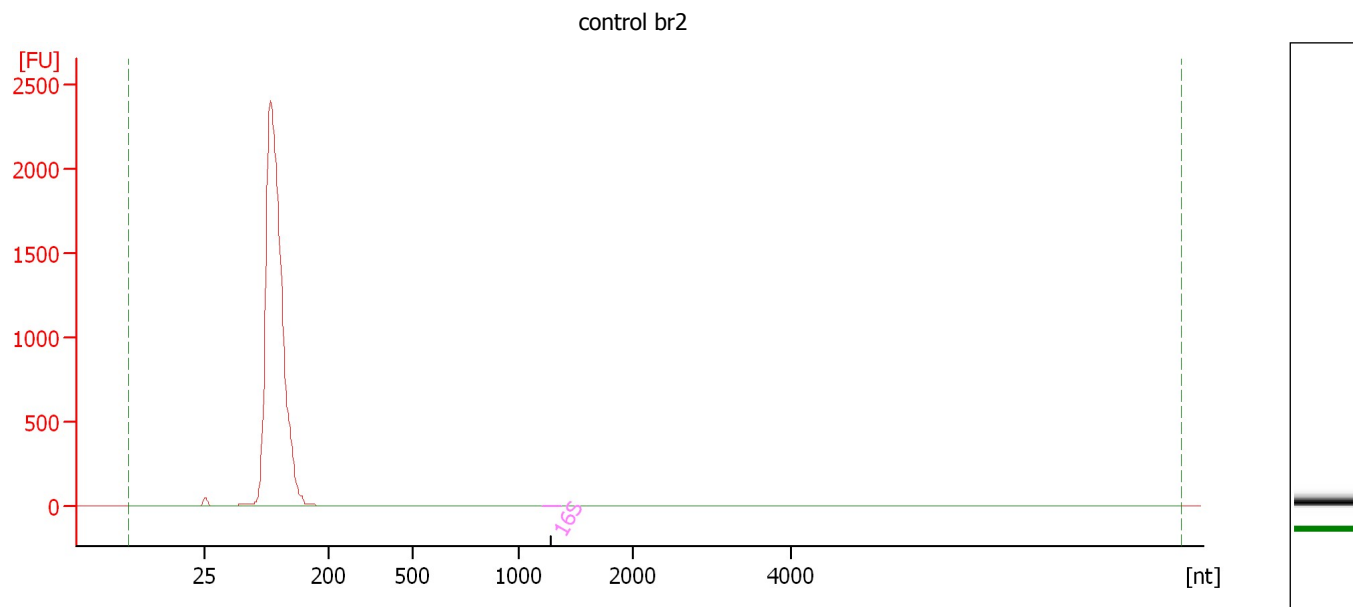
RNA Area: 4,873.9 rRNA Ratio [23s / 16s]: 0.0
RNA Concentration: 9,898 pg/μl RNA Integrity Number (RIN): 2.6 (B.02.08)

Fragment table for sample 1 : control br1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	1,177	1,297	0.5	0.0

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 2 : control br2**

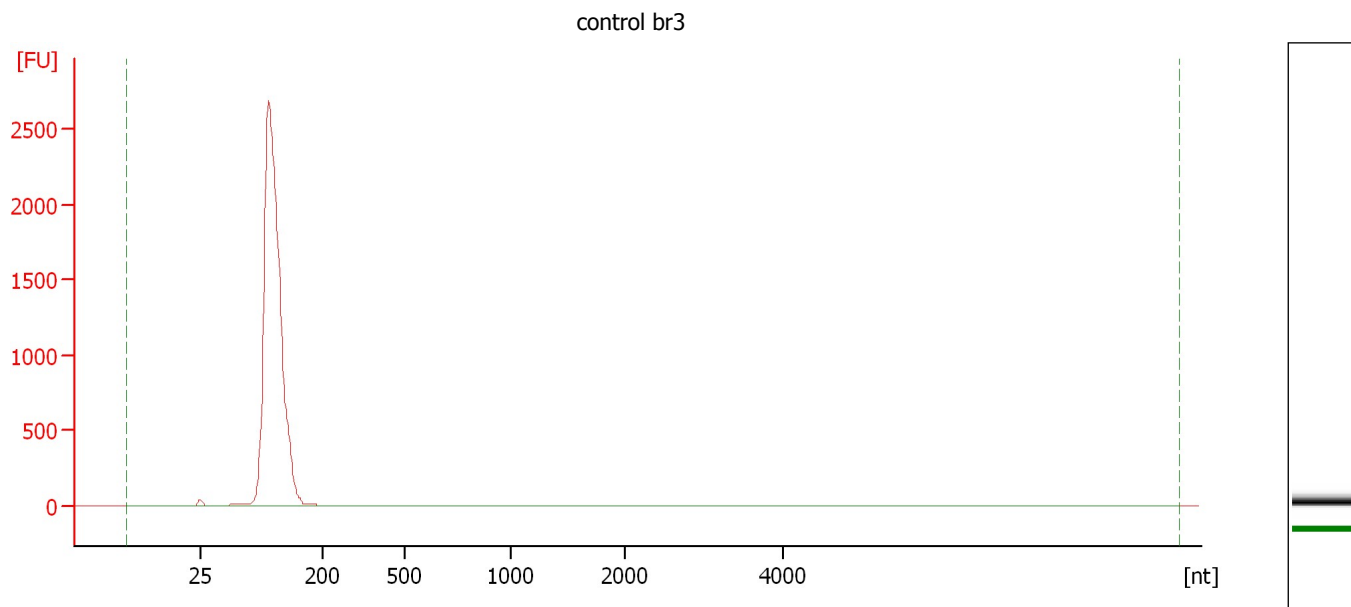
RNA Area: 8,181.6 rRNA Ratio [23s / 16s]: 0.0
RNA Concentration: 16,615 pg/μl RNA Integrity Number (RIN): 2.6 (B.02.08)

Fragment table for sample 2 : control br2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	1,217	1,374	1.2	0.0

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

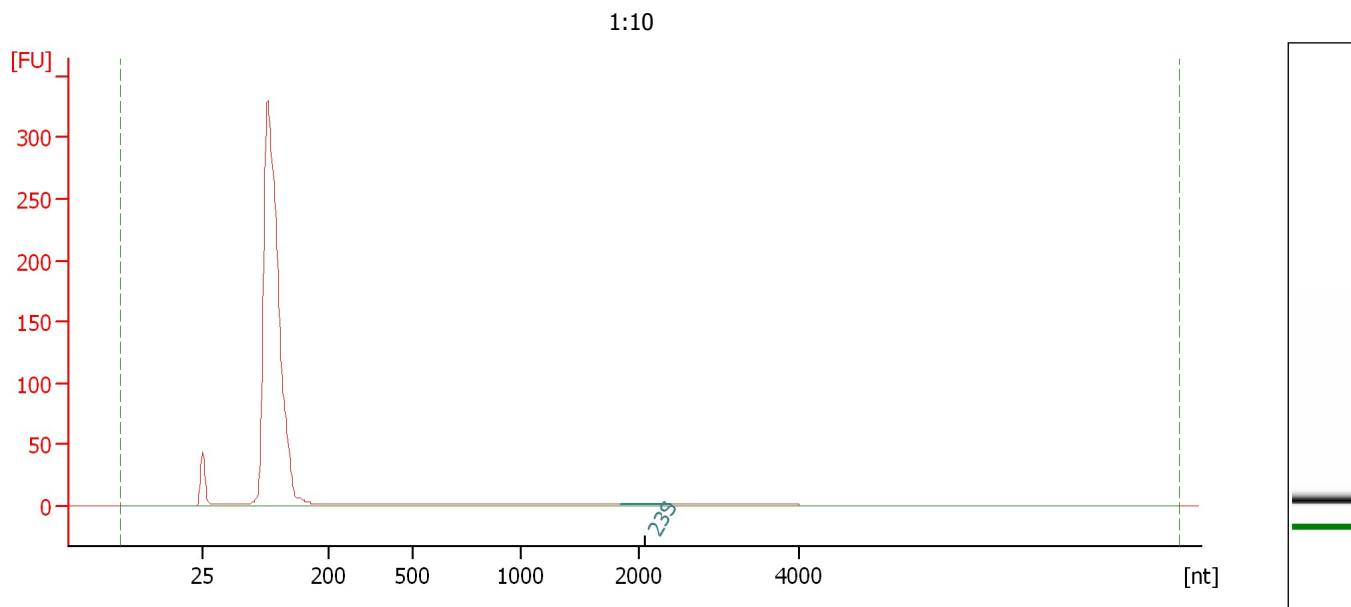
Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : control br3**

RNA Area:	9,112.7	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	18,505 pg/ μ l	RNA Integrity Number (RIN):	2.6 (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : 1:10**

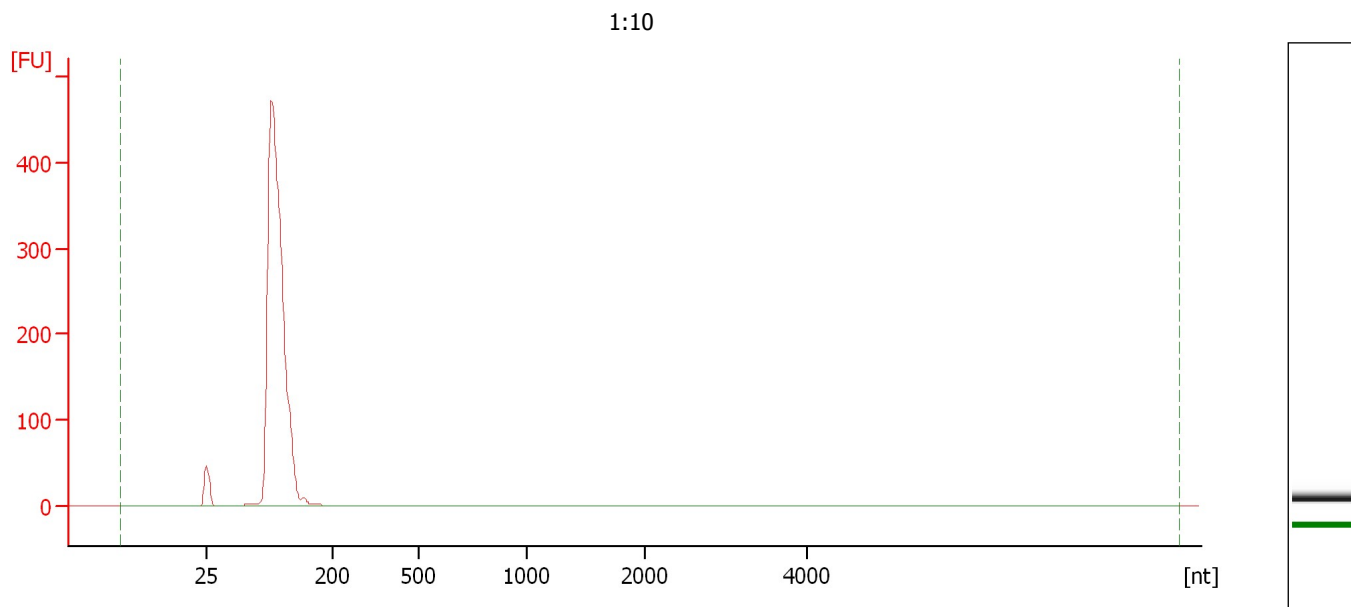
RNA Area: 1,101.1 rRNA Ratio [23s / 16s]: 0.0
RNA Concentration: 2,236 pg/μl RNA Integrity Number (RIN): 2.6 (B.02.08)

Fragment table for sample 4 : 1:10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
23S	1,854	2,412	1.3	0.1

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

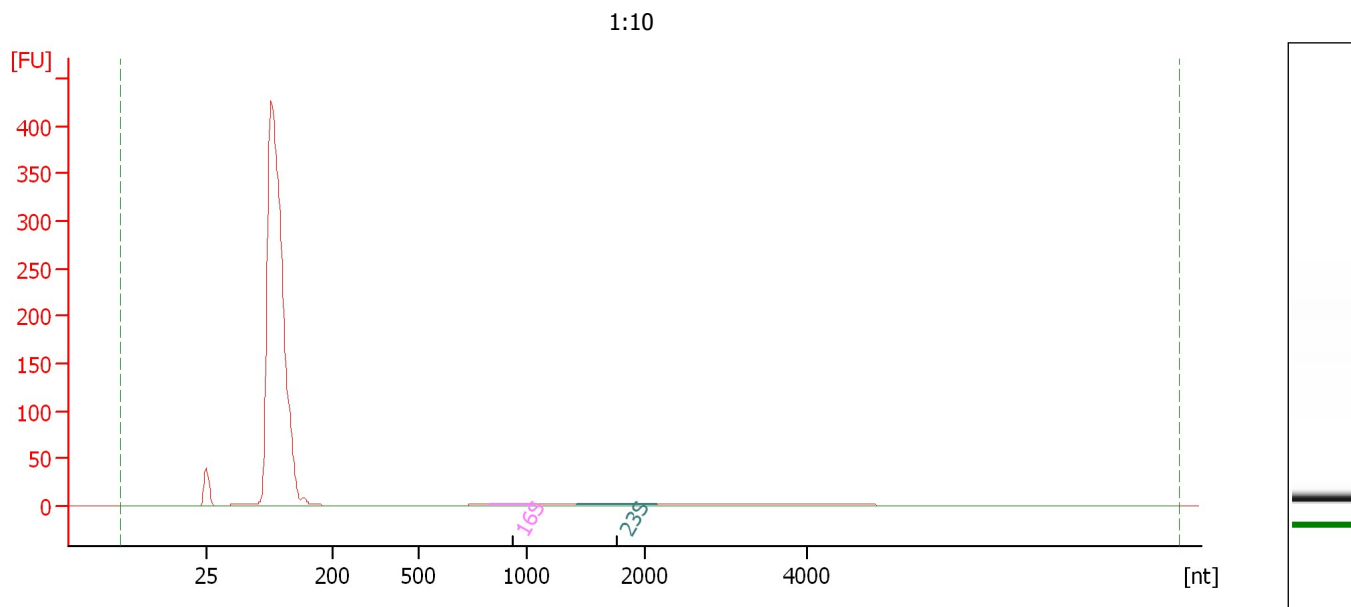
Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 5 : 1:10**

RNA Area:	1,432.2	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	2,908 pg/μl	RNA Integrity Number (RIN):	2.6 (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : 1:10**

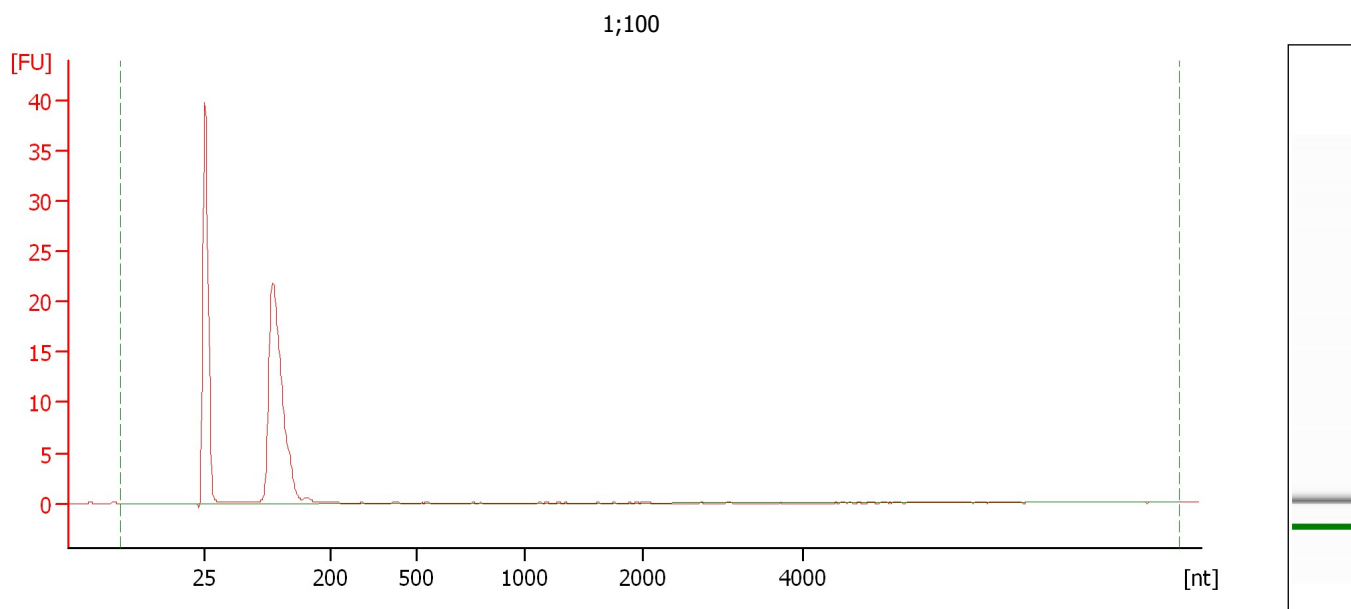
RNA Area: 1,435.1 rRNA Ratio [23s / 16s]: 3.3
RNA Concentration: 2,914 pg/μl RNA Integrity Number (RIN): 2.6 (B.02.08)

Fragment table for sample 6 : 1:10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	829	1,094	1.4	0.1
23S	1,422	2,152	4.6	0.3

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

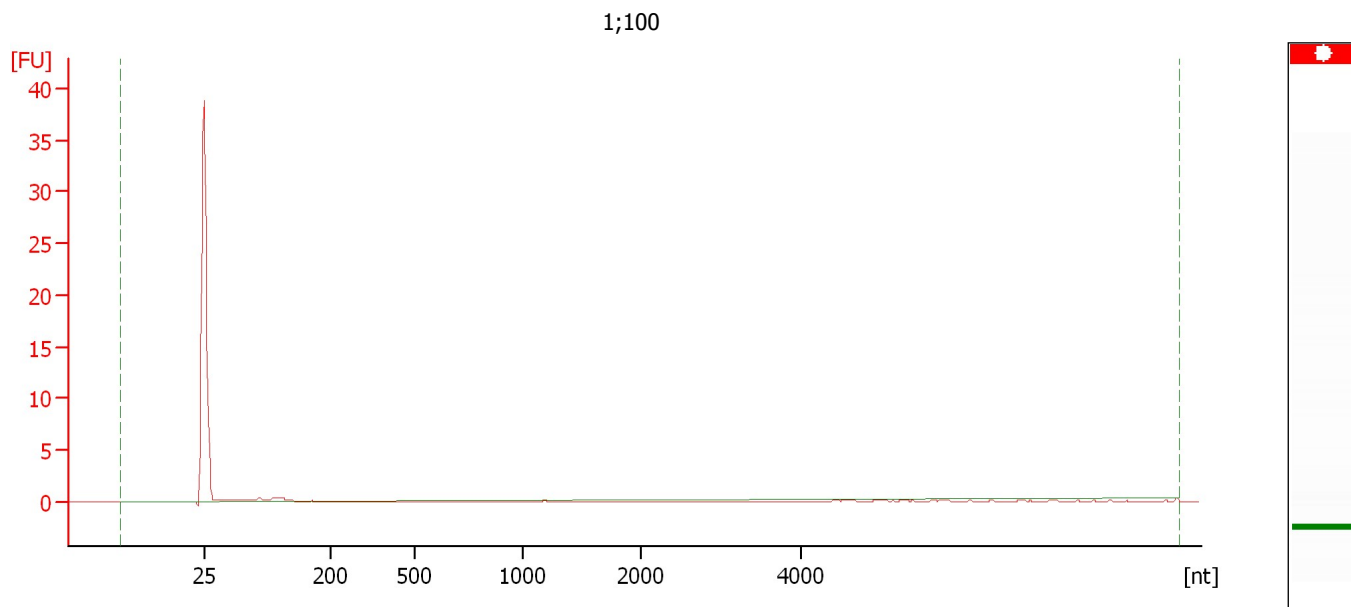
Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 7 : 1;100**

RNA Area:	61.6	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	125 pg/μl	RNA Integrity Number (RIN):	2.6 (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

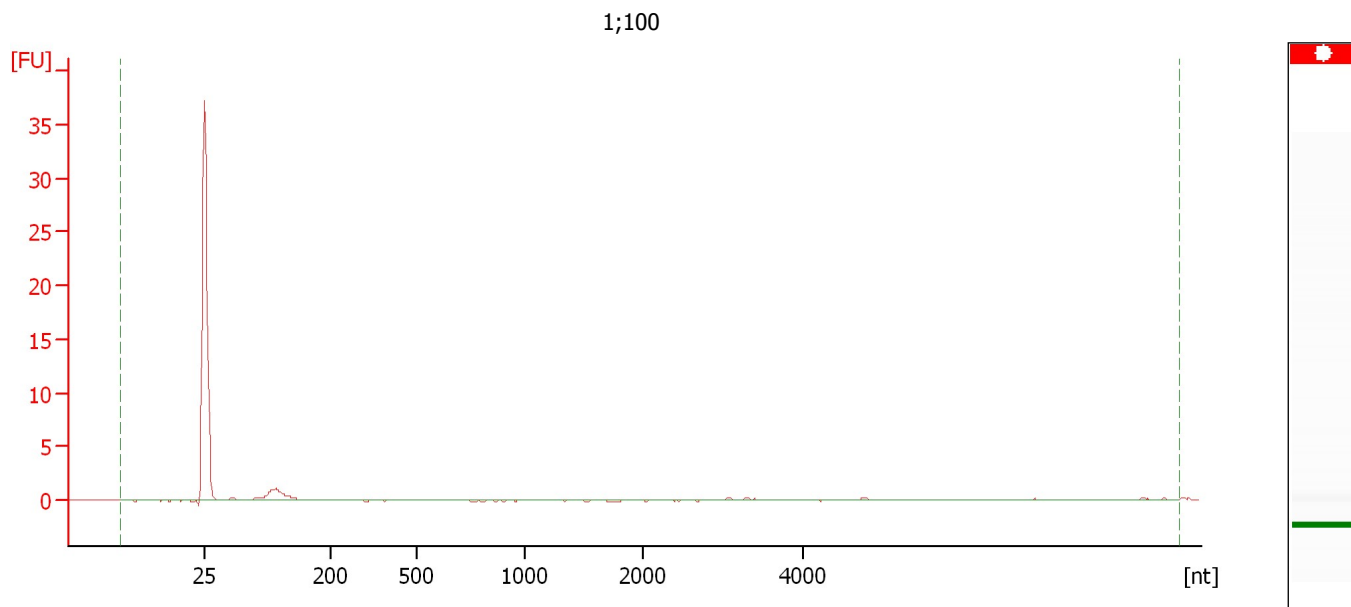
Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 8 : 1;100**

RNA Area:	1.7	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	3 pg/ μ l	RNA Integrity Number (RIN):	N/A (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

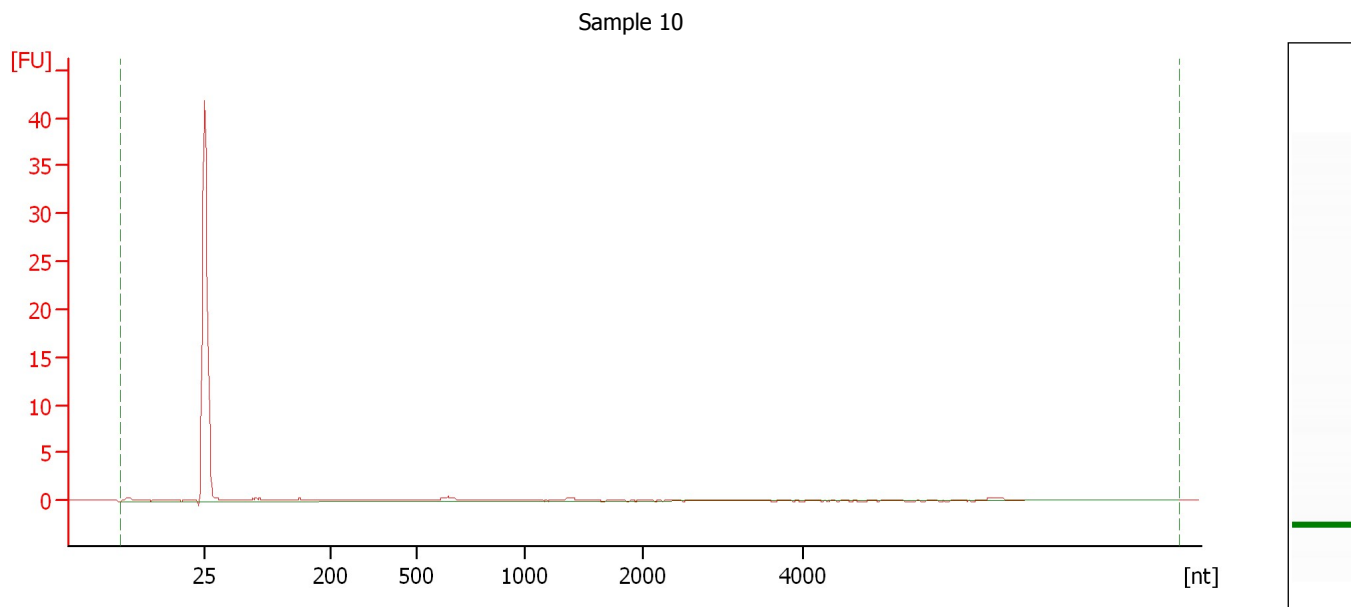
Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 9 : 1;100**

RNA Area:	4.2	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	9 pg/ μ l	RNA Integrity Number (RIN):	N/A (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...**Overall Results for sample 10 : Sample 10**

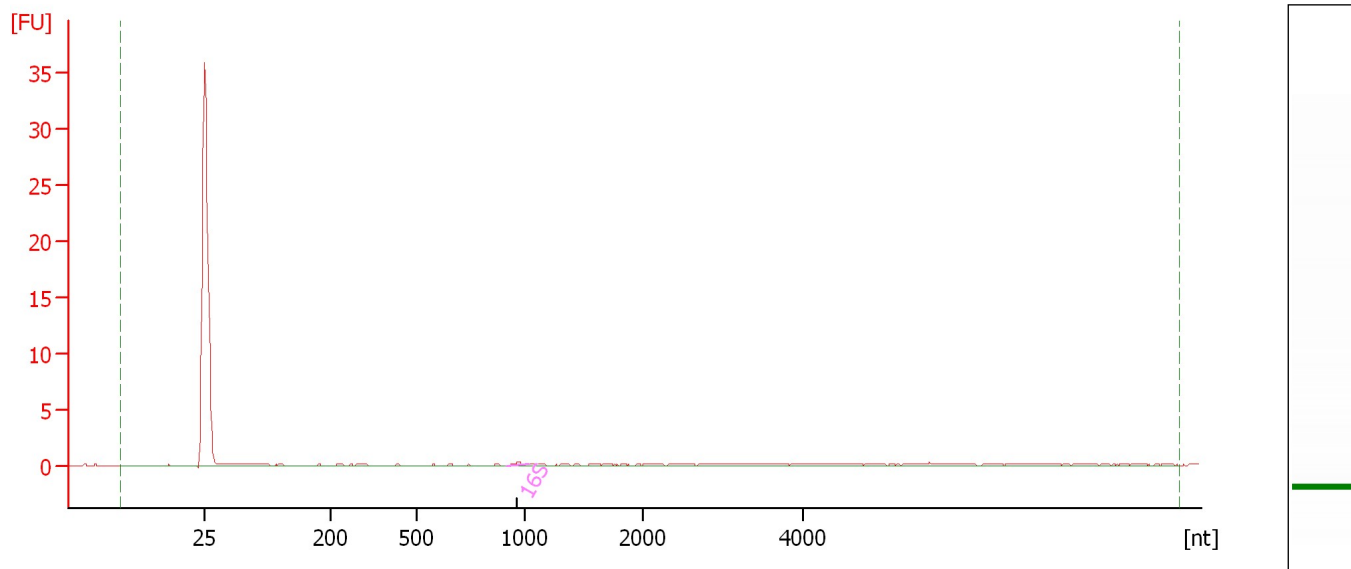
RNA Area:	7.3	rRNA Ratio [23s / 16s]:	0.0
RNA Concentration:	15 pg/μl	RNA Integrity Number (RIN):	1 (B.02.08)

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

Electropherogram Summary Continued ...

Sample 11

**Overall Results for sample 11 : Sample 11**

RNA Area: 7.1 rRNA Ratio [23s / 16s]: 0.0
RNA Concentration: 14 pg/μl RNA Integrity Number (RIN): 7.4 (B.02.08)

Fragment table for sample 11 : Sample 11

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
16S	916	1,036	0.2	3.2

Assay Class: Prokaryote Total RNA Pico
Data Path: C:\...rokaryote Total RNA Pico_DE72902741_2016-10-11_14-40-24.xad

Created: 10/11/2016 2:40:23 PM
Modified: 10/11/2016 3:14:12 PM

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