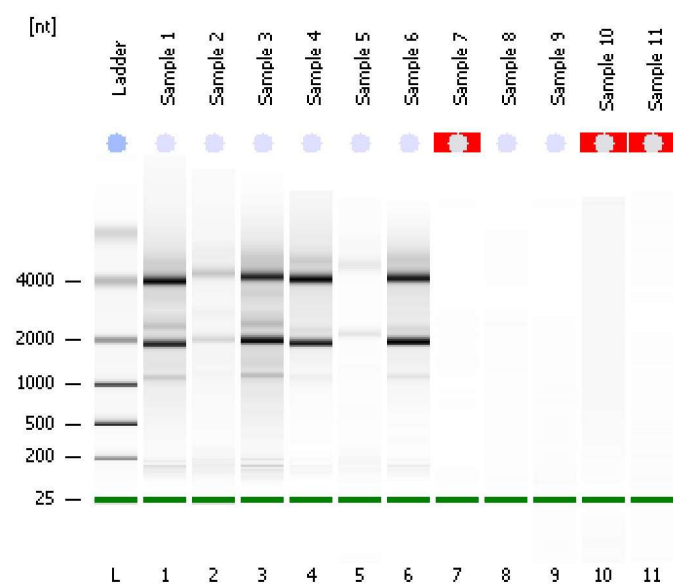


Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electrophoresis File Run Summary**Instrument Information:**

Instrument Name: Jarvis lab
Serial#: DE72902042
Firmware: C.01.069
Type: G2939A

Assay Information:

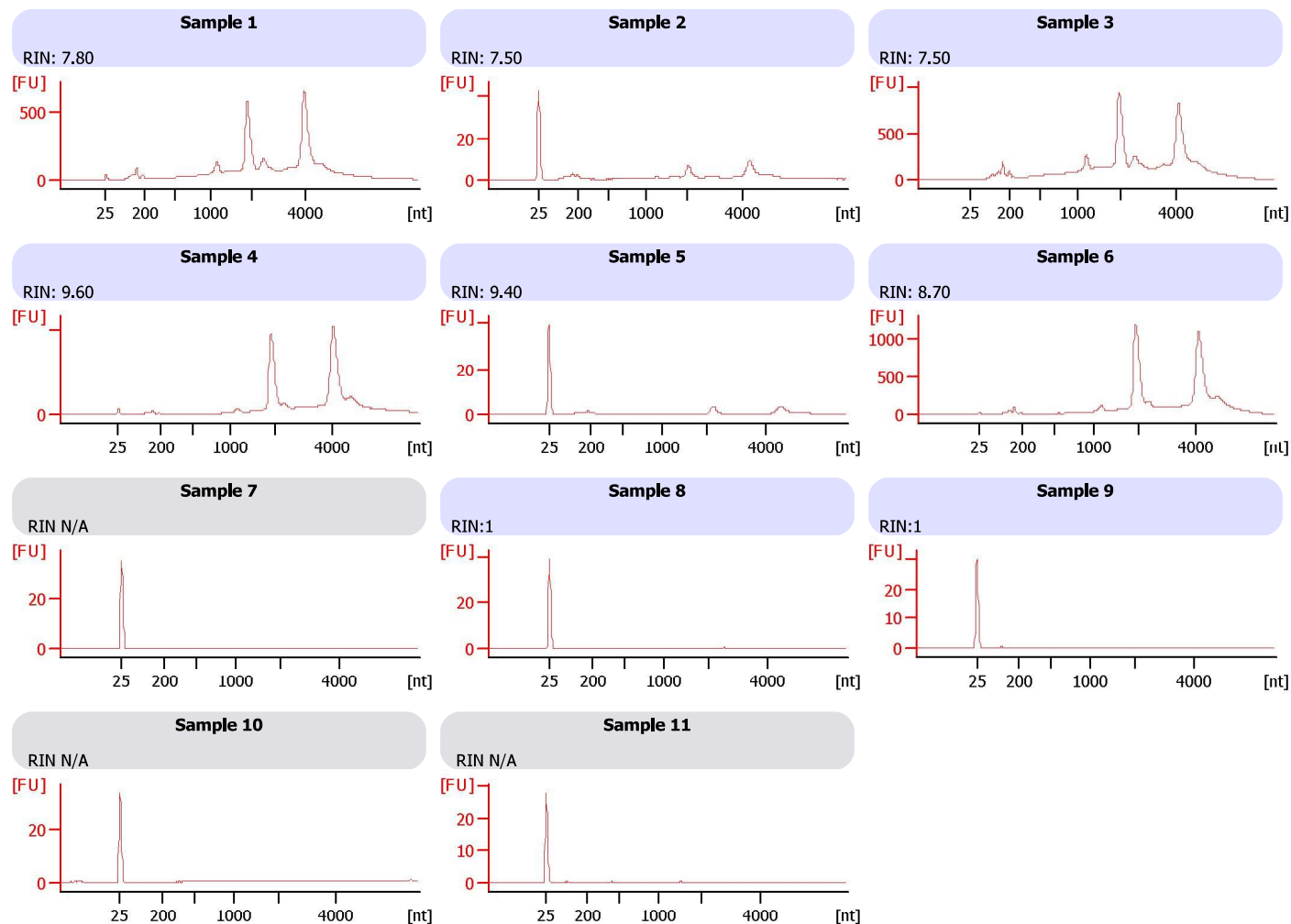
Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy

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: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
Sample 1		✓	RIN: 7.80	
Sample 2		✓	RIN: 7.50	
Sample 3		✓	RIN: 7.50	
Sample 4		✓	RIN: 9.60	
Sample 5		✓	RIN: 9.40	
Sample 6		✓	RIN: 8.70	
Sample 7		✓	RIN N/A	
Sample 8		✓	RIN:1	
Sample 9		✓	RIN:1	
Sample 10		✓	RIN N/A	
Sample 11		✓	RIN N/A	
Ladder		✓	All Other Samples	

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

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 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

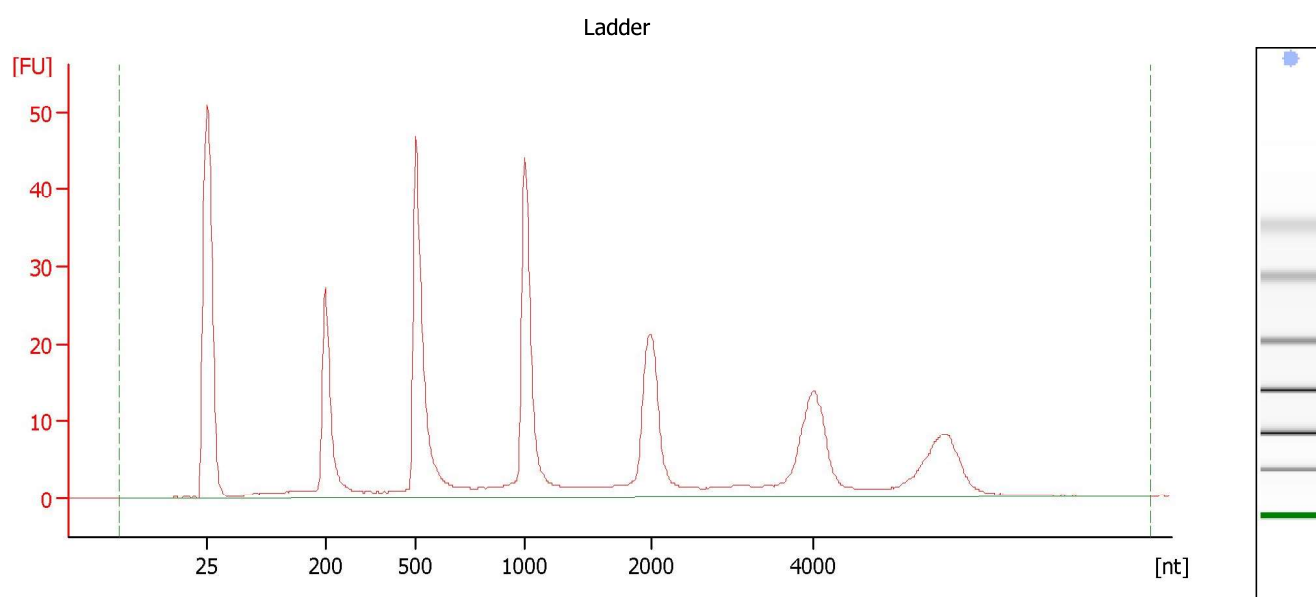
Filter Width [s] : 0.5
Polynomial Order : 4

Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary**Overall Results for Ladder**

RNA Area: 352.7

RNA Concentration: 1,000 pg/ μ l

Result Flagging Color:

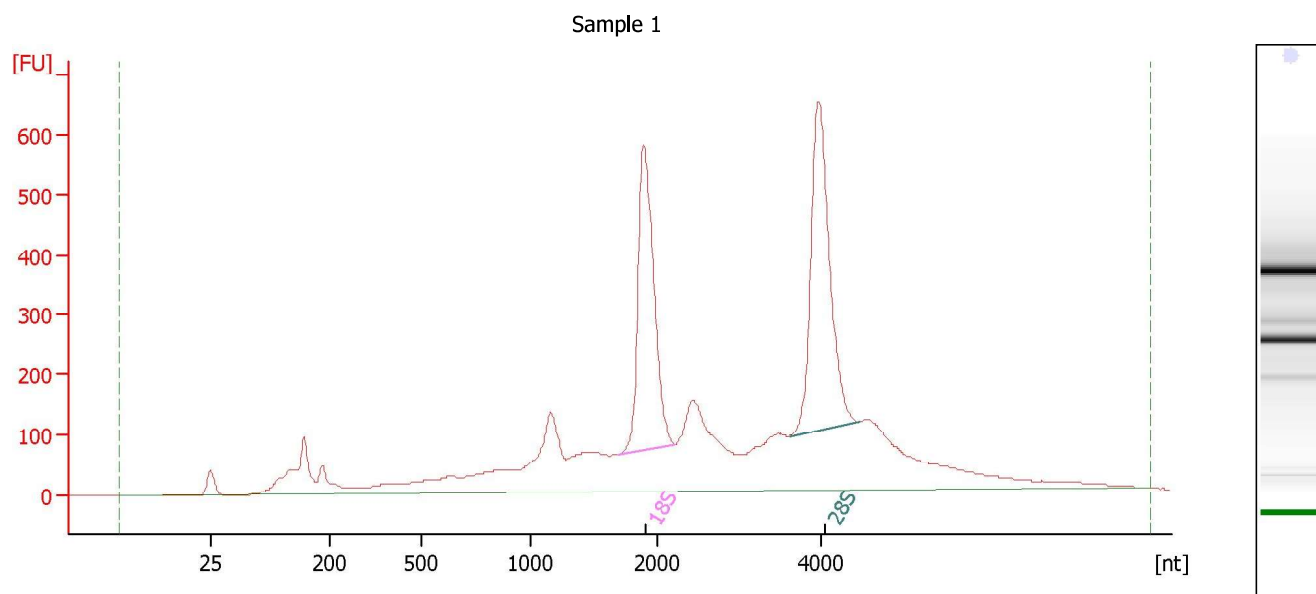


Result Flagging Label:

All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...**Overall Results for sample 1 : Sample 1**

RNA Area:	6,656.8	RNA Integrity Number (RIN):	7.8 (B.02.08)
RNA Concentration:	18,872 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 7.80

Fragment table for sample 1 : Sample 1

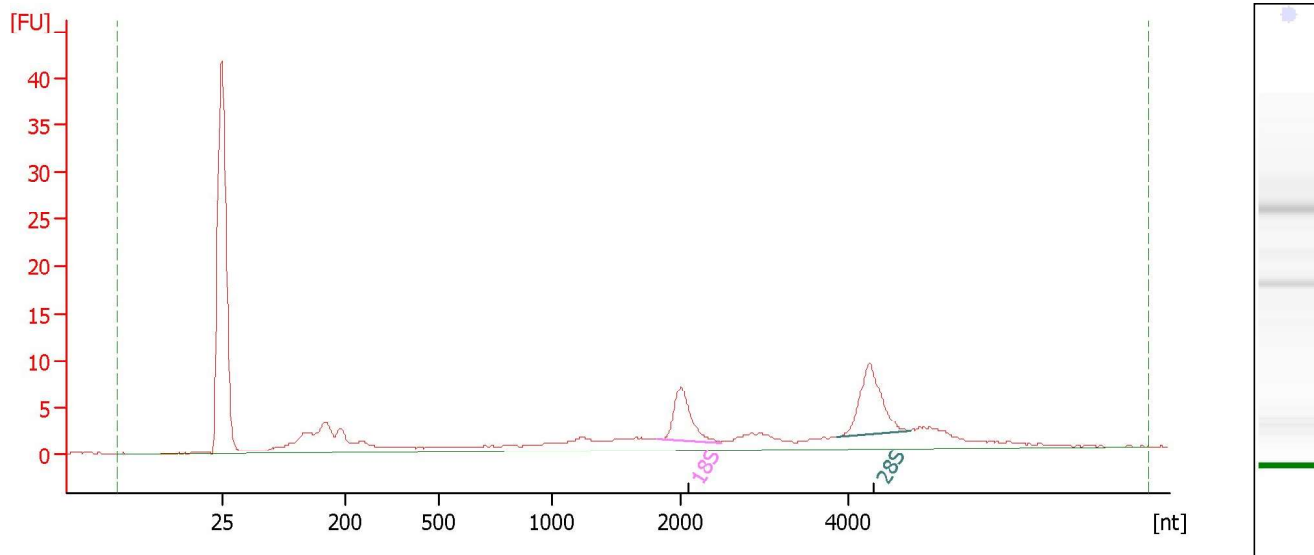
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,704	2,231	997.6	15.0
28S	3,611	4,484	1,068.6	16.1

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...

Sample 2

**Overall Results for sample 2 : Sample 2**

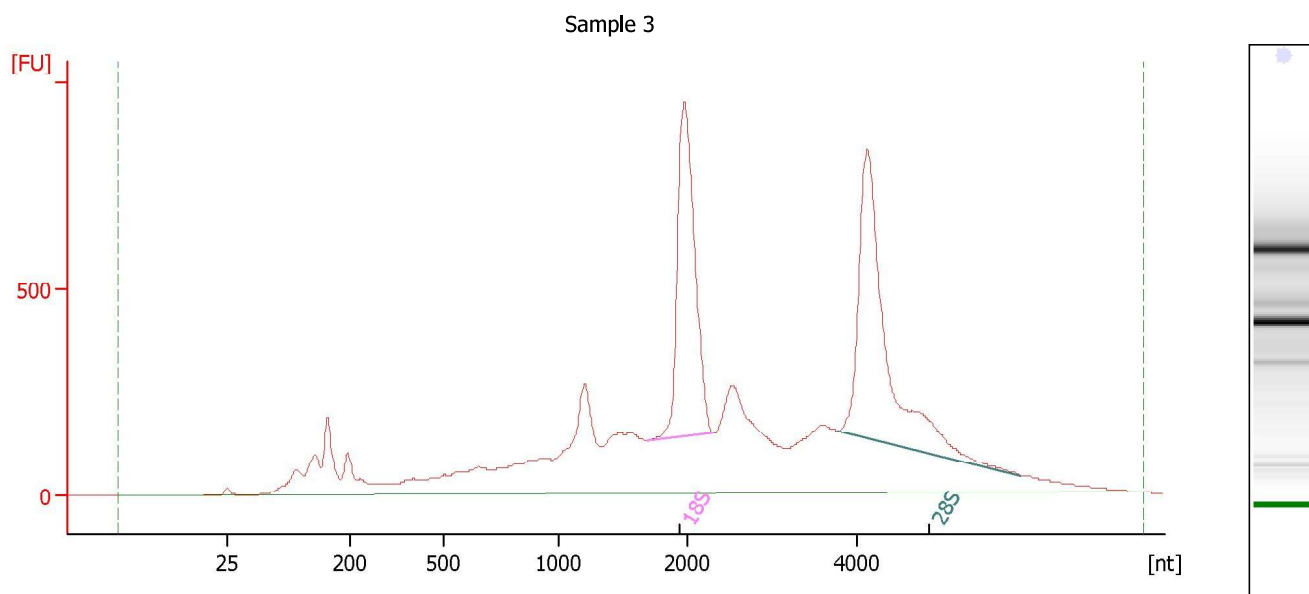
RNA Area:	115.7	RNA Integrity Number (RIN):	7.5 (B.02.08)
RNA Concentration:	328 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 7.50

Fragment table for sample 2 : Sample 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,827	2,488	11.2	9.7
28S	3,856	4,718	16.4	14.2

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...**Overall Results for sample 3 : Sample 3**

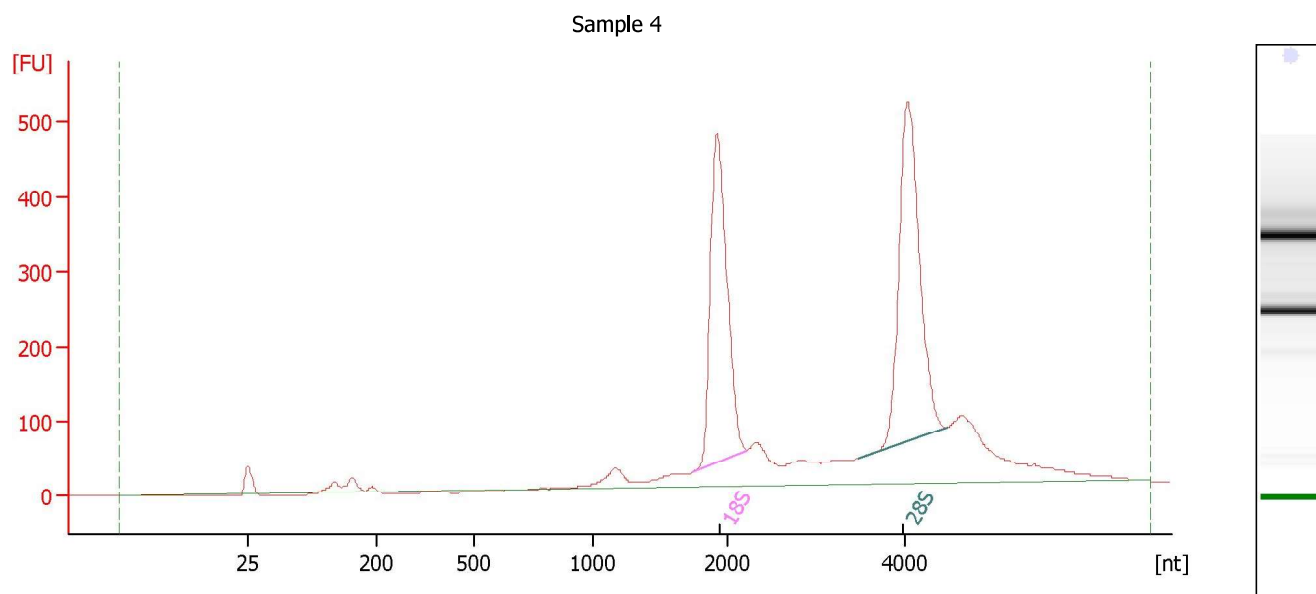
RNA Area:	11,653.9	RNA Integrity Number (RIN):	7.5 (B.02.08)
RNA Concentration:	33,038 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 7.50

Fragment table for sample 3 : Sample 3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,689	2,306	1,649.4	14.2
28S	3,770	5,917	1,858.1	15.9

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...**Overall Results for sample 4 : Sample 4**

RNA Area:	3,375.8	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	9,570 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Label:	RIN: 9.60

Fragment table for sample 4 : Sample 4

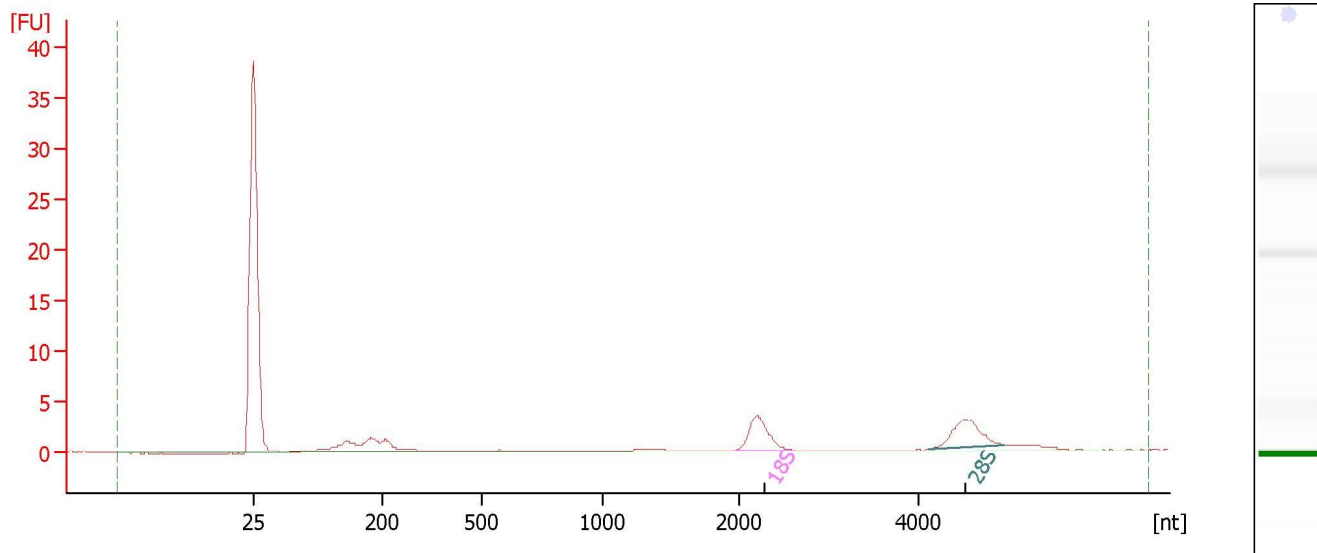
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,737	2,223	837.2	24.8
28S	3,482	4,482	905.7	26.8

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...

Sample 5

**Overall Results for sample 5 : Sample 5**

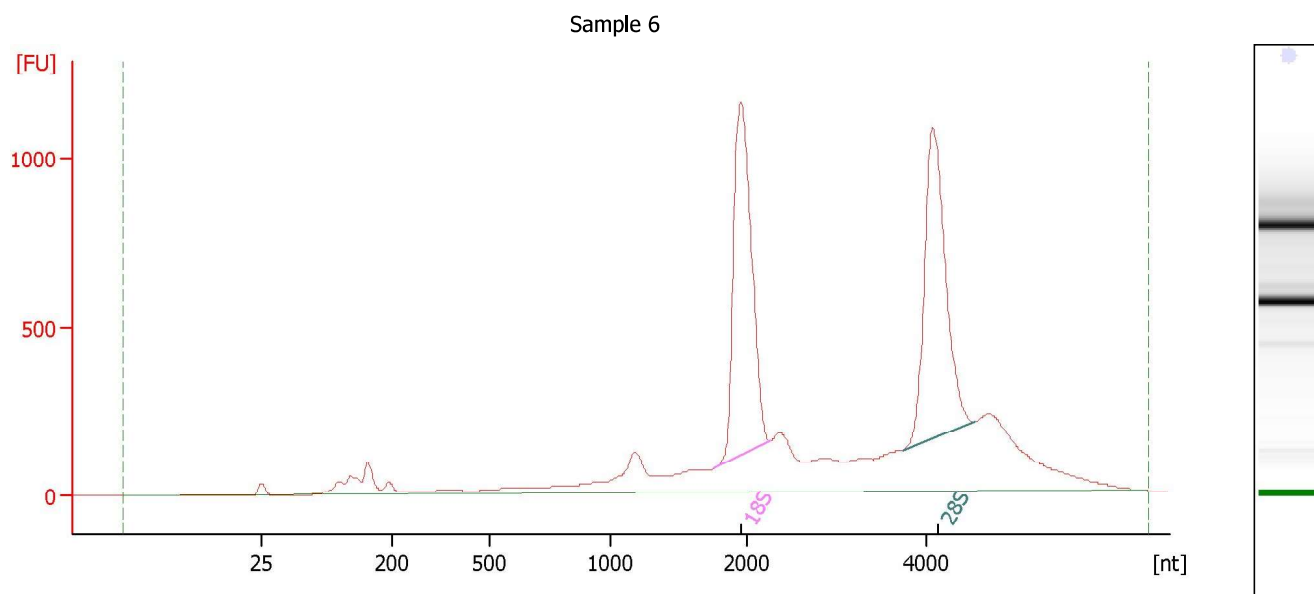
RNA Area:	35.1	RNA Integrity Number (RIN):	9.4 (B.02.08)
RNA Concentration:	99 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN: 9.40

Fragment table for sample 5 : Sample 5

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,959	2,634	7.6	21.6
28S	4,109	4,945	7.3	20.8

Assay Class: Eukaryote Total RNA Pico
Data Path: E:\...Eukaryote Total RNA Pico_DE72902042_2020-02-19_17-49-21.xad

Created: 2/19/2020 5:49:21 PM
Modified: 2/19/2020 7:10:16 PM

Electropherogram Summary Continued ...**Overall Results for sample 6 : Sample 6**

RNA Area:	9,553.3	RNA Integrity Number (RIN):	8.7 (B.02.08)
RNA Concentration:	27,083 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.9	Result Flagging Label:	RIN: 8.70

Fragment table for sample 6 : Sample 6

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,758	2,253	2,126.5	22.3
28S	3,731	4,527	1,848.2	19.3