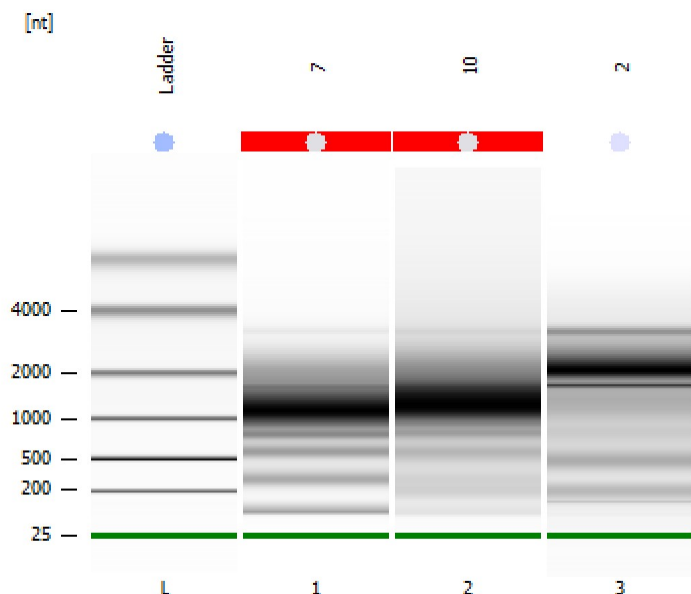


Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Electrophoresis File Run Summary



Instrument Information:

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

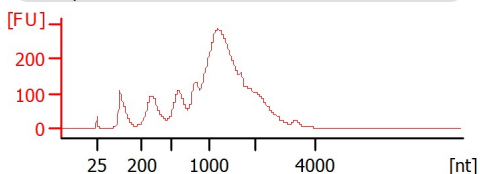
Assay Information:

Assay Origin Path: C:\Program Files (x86)\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.

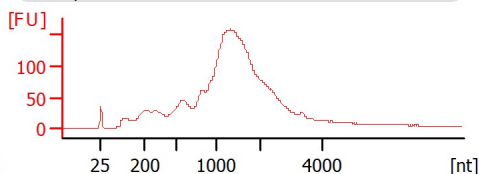
Chip Information:

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

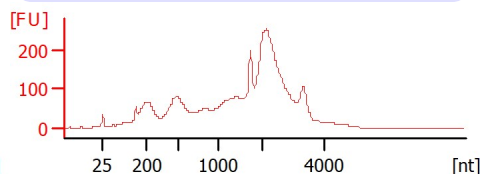
TAG0001 Col Clean Up **7**
 RIN N/A



TAG0001 Col Clean Up **10**
 RIN N/A



TAG0001 **2**
 RIN: 6.30



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
7	TAG0001 Col Clean Up	✓	RIN N/A	
10	TAG0001 Col Clean Up	✓	RIN N/A	
2	TAG0001	✓	RIN: 6.30	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
Modified: 3/6/2020 12:41:48 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

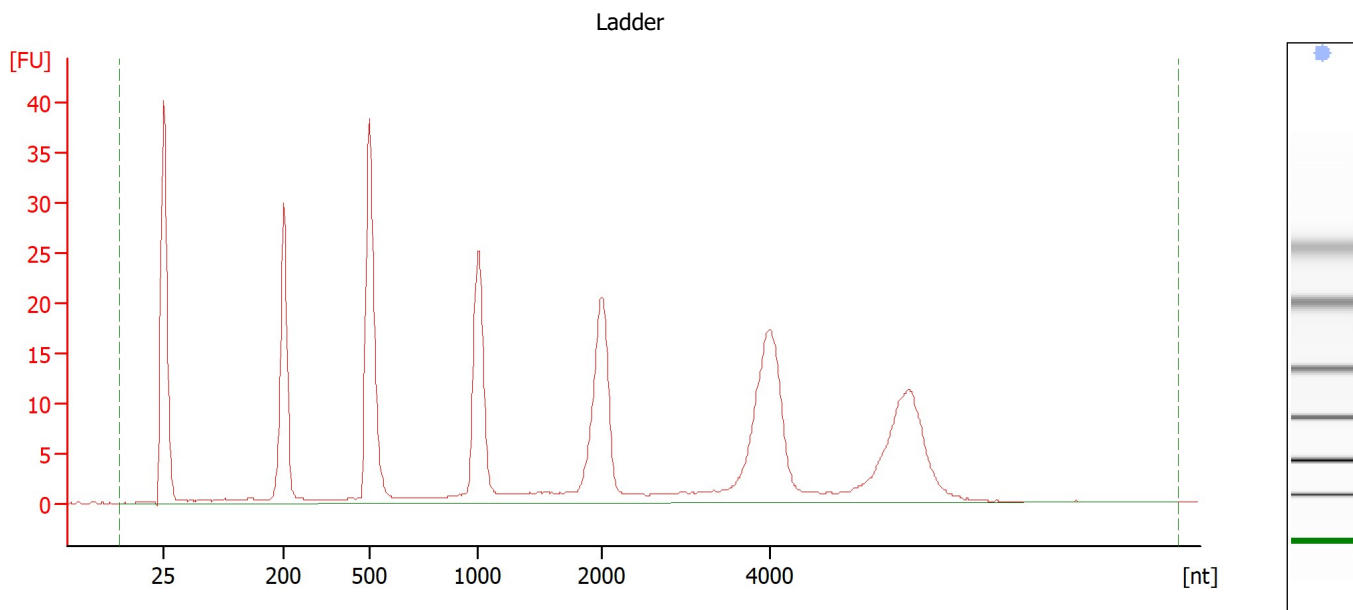
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
Modified: 3/6/2020 12:41:48 PM

Electropherogram Summary



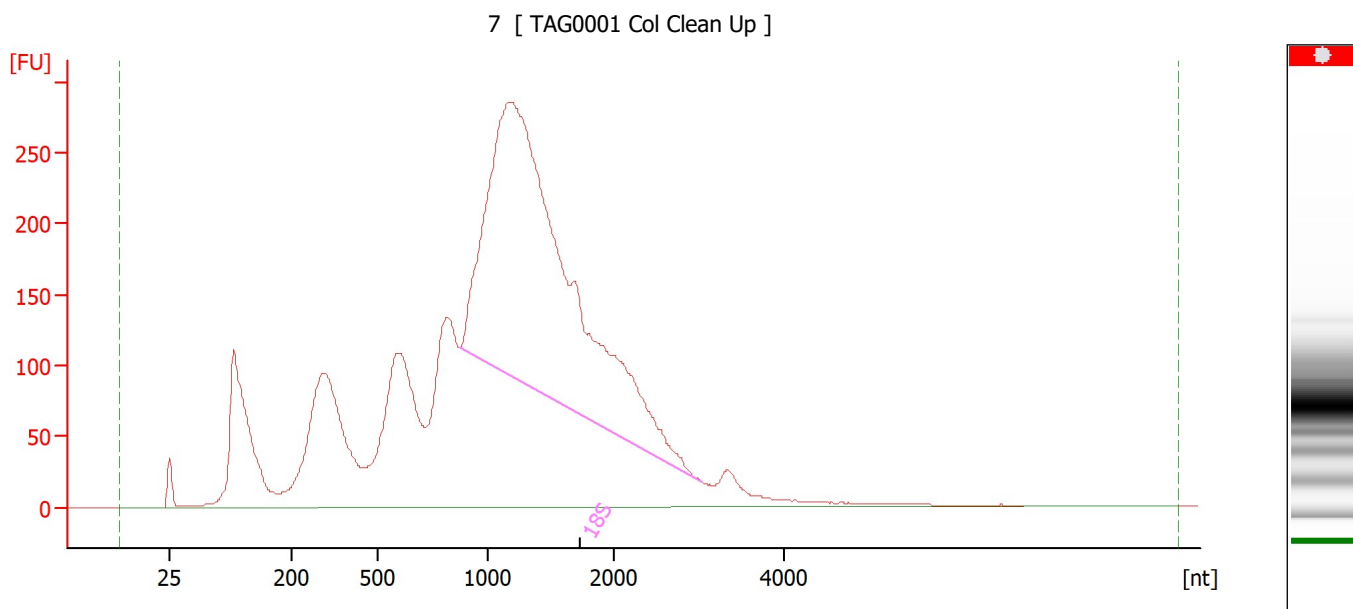
Overall Results for Ladder

RNA Area:	317.5	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 7

RNA Area:	6,520.6	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	20,538 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

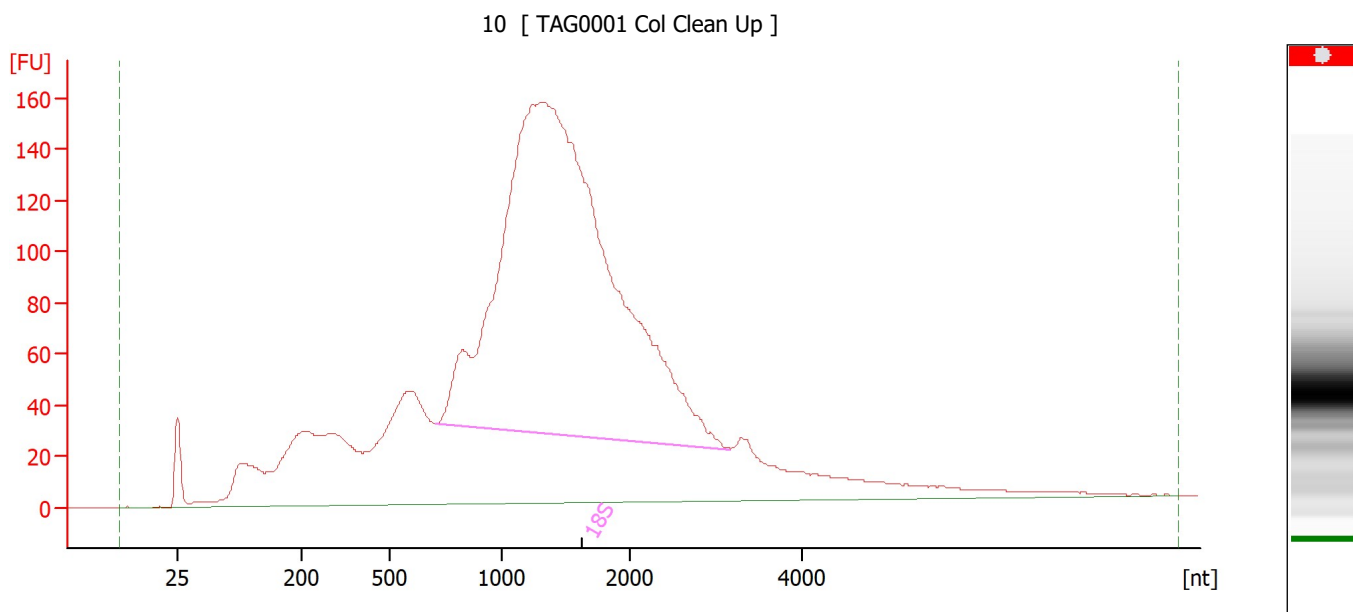
Fragment table for sample 1 : 7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	869	3,033	2,259.0	34.6

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 10

RNA Area:	3,912.2	RNA Integrity Number (RIN):	N/A (B.02.10)
RNA Concentration:	12,322 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

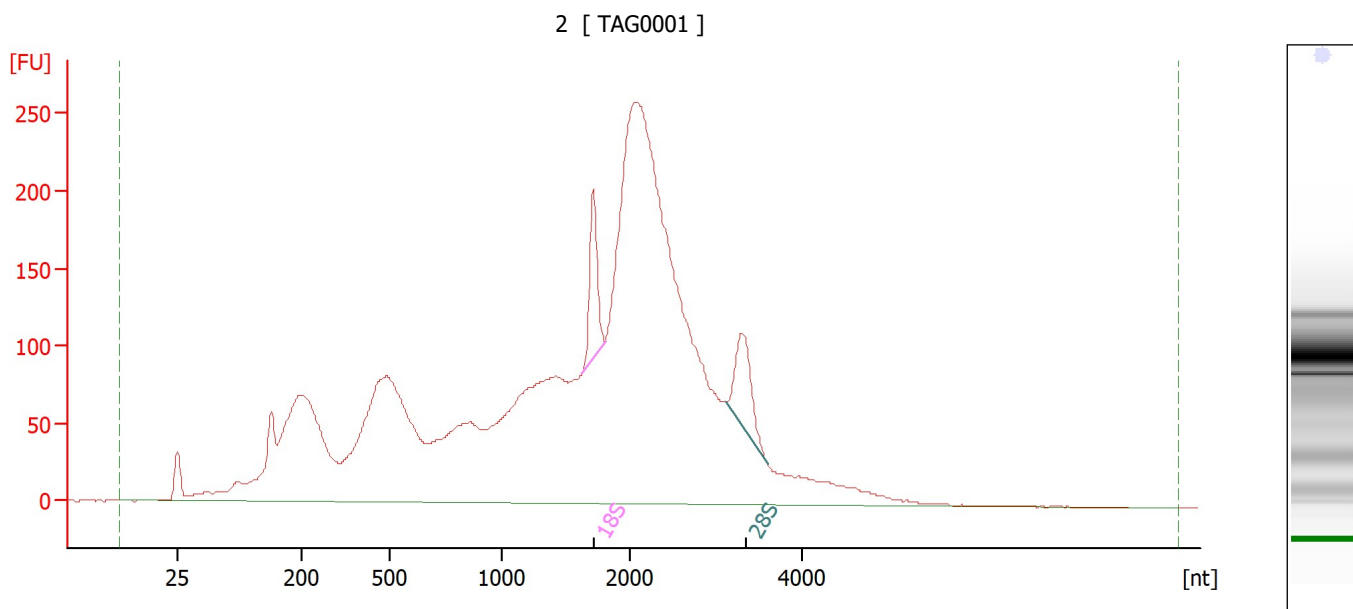
Fragment table for sample 2 : 10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	710	3,170	1,976.0	50.5

Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 2

RNA Area:	5,405.0	RNA Integrity Number (RIN):	6.3 (B.02.10)
RNA Concentration:	17,024 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN: 6.30

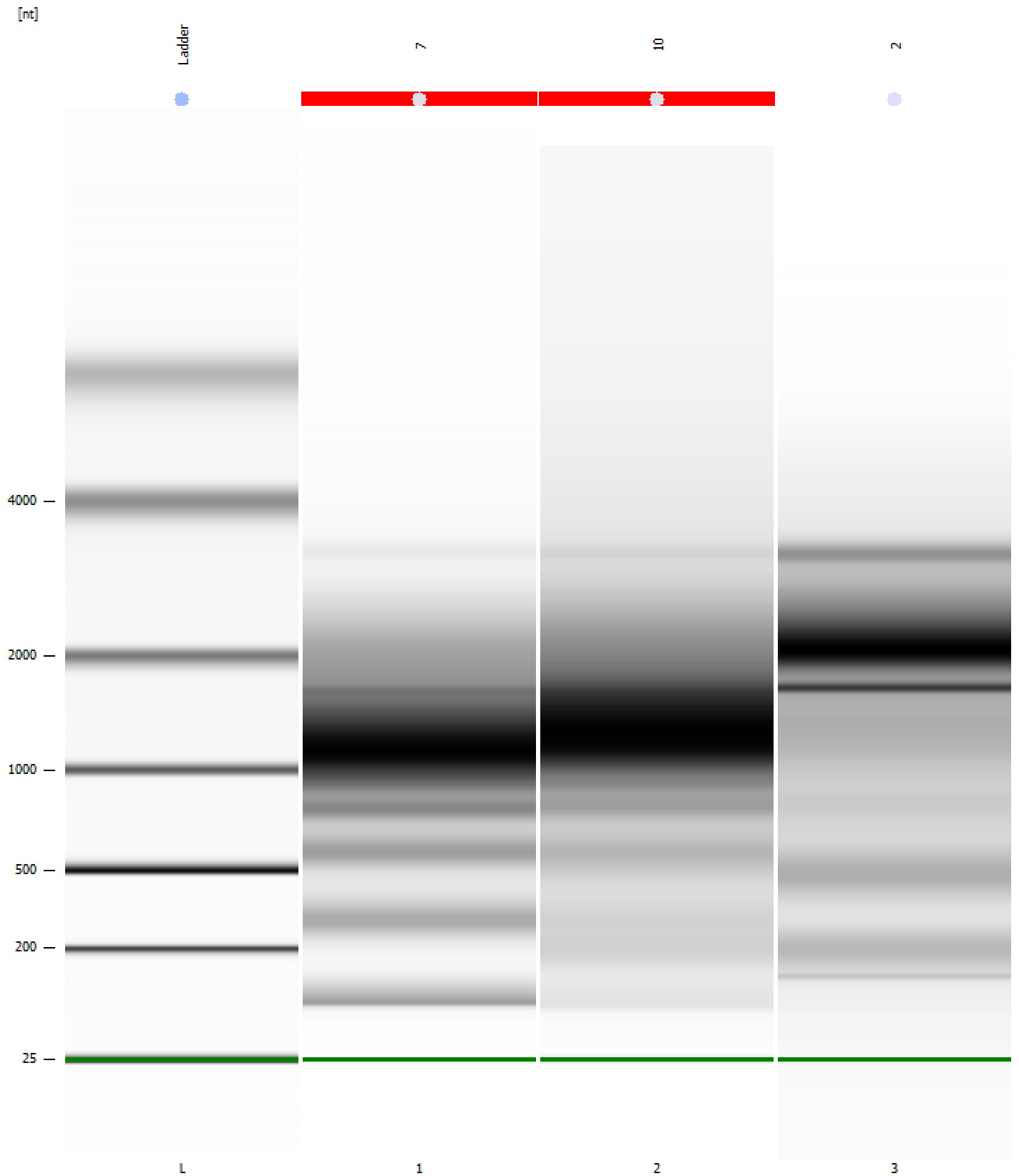
Fragment table for sample 3 : 2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,637	1,812	110.2	2.0
28S	3,133	3,603	105.9	2.0

Assay Class: Eukaryote Total RNA Pico
Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
Modified: 3/6/2020 12:41:48 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
 Data Path: Z:\XADs\2020-03-06\TAG0001_Col Clean Up.xad

Created: 3/6/2020 12:06:08 PM
 Modified: 3/6/2020 12:41:48 PM

Run Logbook

Description	Number	Source	Category	Sub Category	Time	Time Zone	User	Host
Run ended on port 1 (Number of wells acquired: 12)		Instrument	Run		3/6/2020 12:29:06 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Run started on port 1 (File: Z:\XADs\2020-03-06\Bioanalyze_r1_Eukaryote Total RNA Pico_2020-03-06_001.xad)		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Product Number : G2938C		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Name :		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Vendor : Agilent Technologies		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Serial# : DE34903152		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Firmware : C.01.069		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB
Cartridge : Electrode		Instrument	Run		3/6/2020 12:06:14 PM	(GMT --08:00) Pacific Standard Time	sbsuser	DESKTOP-4UNV VOB