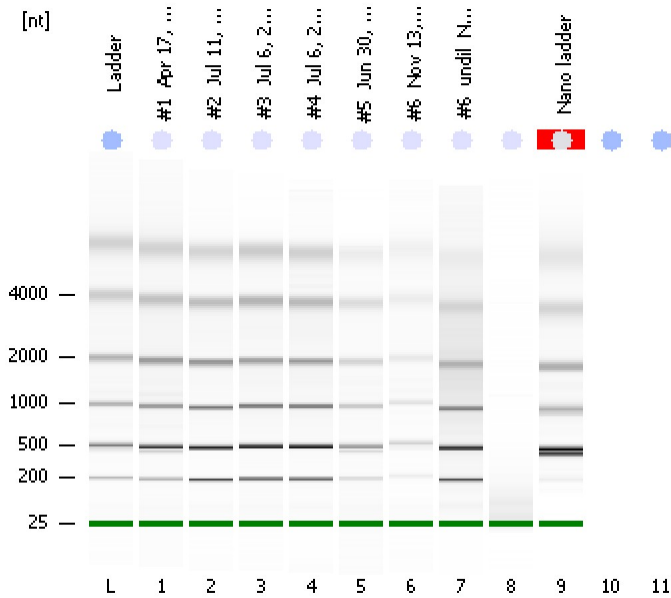


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electrophoresis File Run Summary



Instrument Information:

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

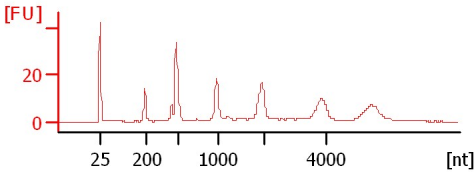
Assay Information:

Assay Origin Path: C:\Program Files\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.

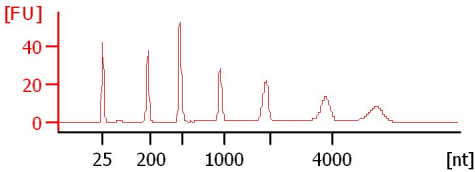
Chip Information:

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

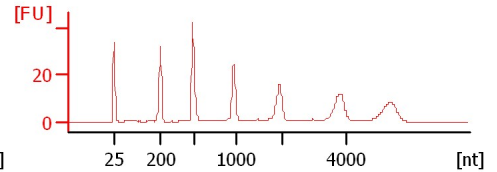
#1_Apr 17, 2018
RIN: 7.90



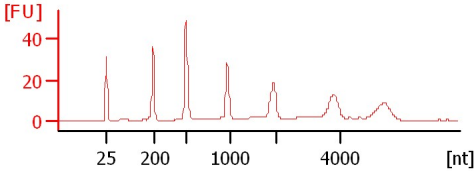
#2_Jul 11, 2017
RIN: 7.90



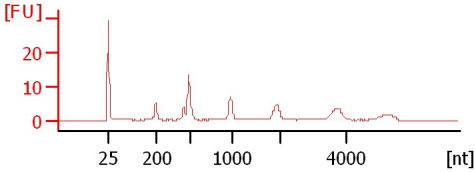
#3_Jul 6, 2016
RIN: 7.60



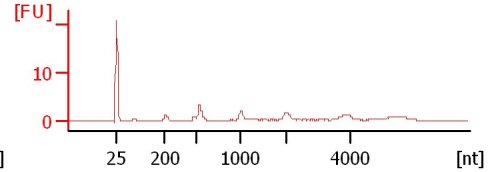
#4_Jul 6, 2016
RIN: 7.70



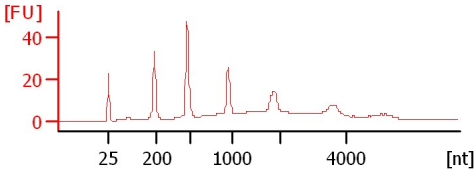
#5_Jun 30, 2015
RIN: 7.40



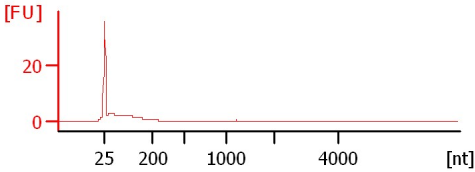
#6_Nov 13, 2018
RIN: 7.20



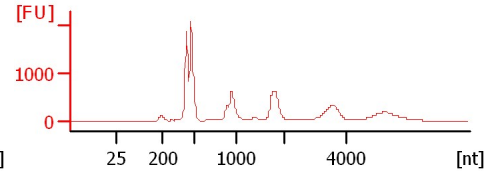
#6_undil_Nov 13, 2018 undil
RIN: 6.30



Nano ladder
RIN: 1.60



Nano ladder
forgot to denature ladder
RIN N/A



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
#1_Apr 17, 2018		✓	RIN: 7.90	
#2_Jul 11, 2017		✓	RIN: 7.90	
#3_Jul 6, 2016		✓	RIN: 7.60	
#4_Jul 6, 2016		✓	RIN: 7.70	
#5_Jun 30, 2015		✓	RIN: 7.40	
#6_Nov 13, 2018		✓	RIN: 7.20	
#6_undil_Nov 13, 2018 undil		✓	RIN: 6.30	
		✓	RIN: 1.60	
Nano ladder	forgot to denature ladder	✓	RIN N/A	
Ladder	#1_Apr 17, 2018	✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

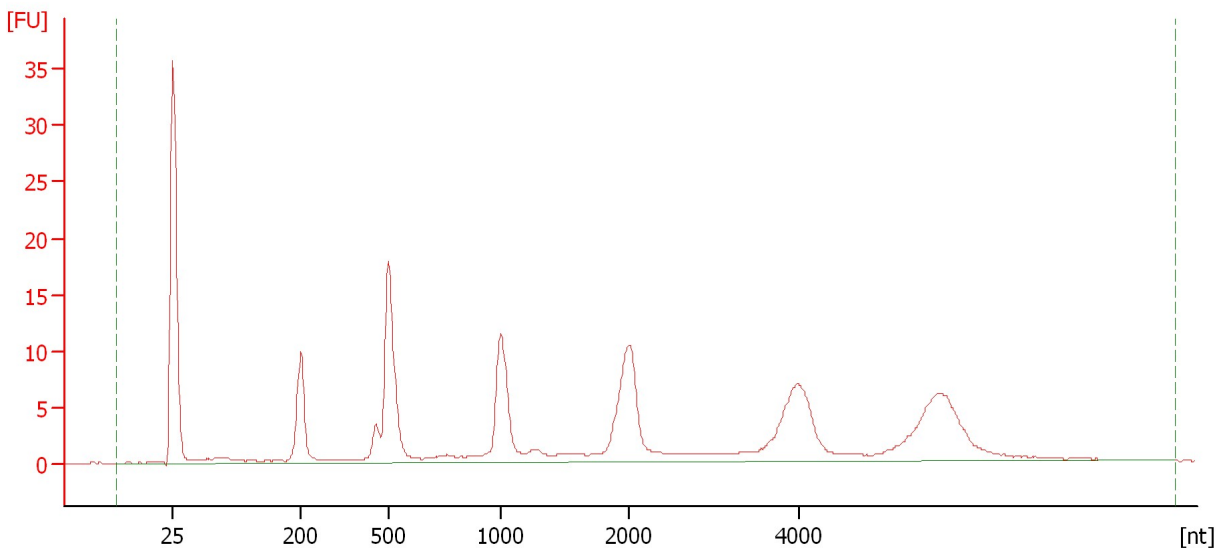
Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary

Ladder [#1_Apr 17, 2018]



Overall Results for Ladder

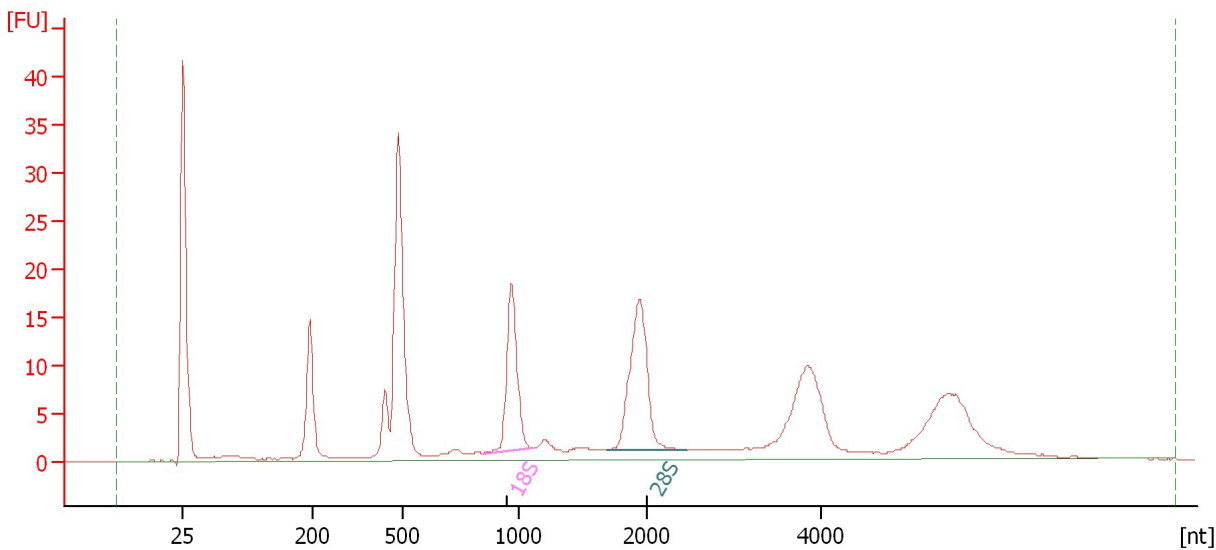
RNA Area:	172.4	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...

#1_Apr 17, 2018



Overall Results for sample 1 : #1 Apr 17, 2018

RNA Area:	253.4	RNA Integrity Number (RIN):	7.9 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,469 pg/μl		
rRNA Ratio [28s / 18s]:	1.3	Result Flagging Color:	
		Result Flagging Label:	RIN: 7.90

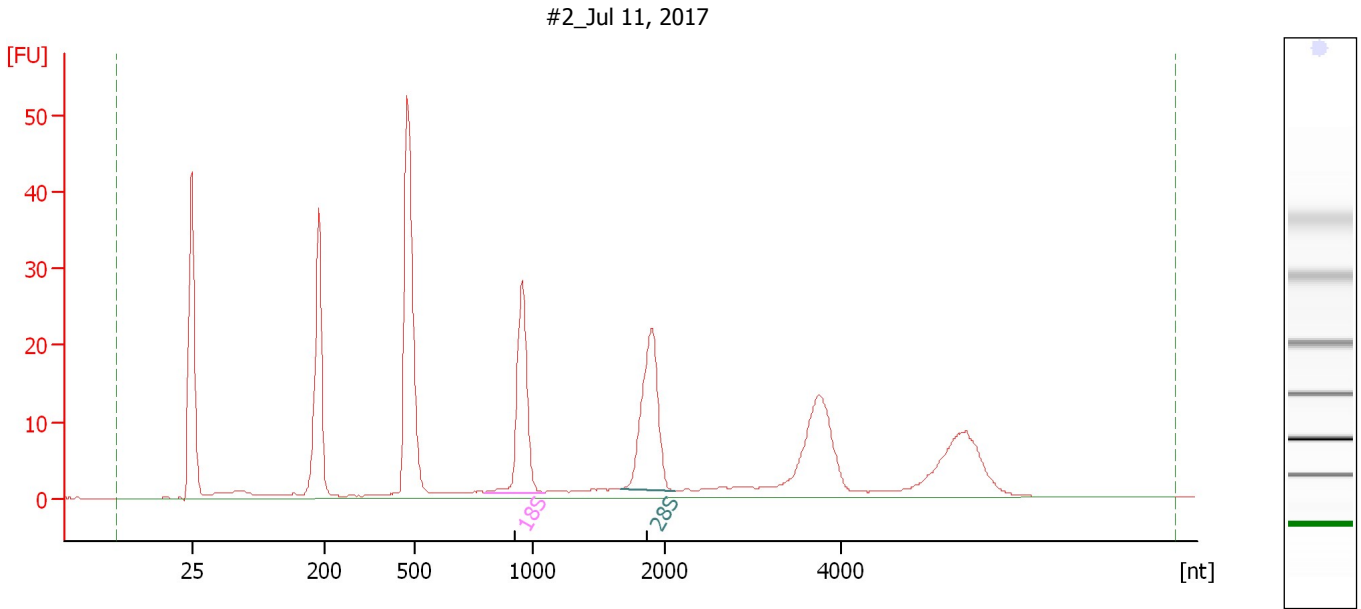
Fragment table for sample 1 : #1 Apr 17, 2018

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	850	1,121	25.6	10.1
28S	1,689	2,448	33.7	13.3

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
 Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : #2 Jul 11, 2017

RNA Area:	328.4	RNA Integrity Number (RIN):	7.9 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,904 pg/μl		
rRNA Ratio [28s / 18s]:	1.1	Result Flagging Color:	
		Result Flagging Label:	RIN: 7.90

Fragment table for sample 2 : #2 Jul 11, 2017

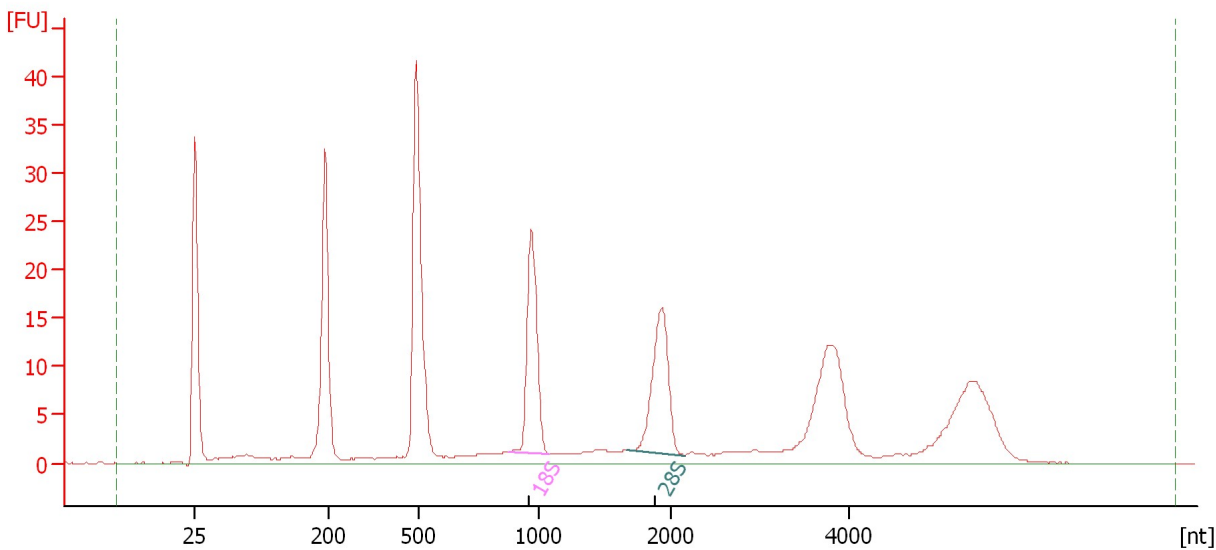
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	796	1,090	37.8	11.5
28S	1,665	2,116	41.6	12.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...

#3_Jul 6, 2016



Overall Results for sample 3 : #3 Jul 6, 2016

RNA Area:	294.4	RNA Integrity Number (RIN):	7.6 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	1,707 pg/μl		
rRNA Ratio [28s / 18s]:	0.9	Result Flagging Color:	
		Result Flagging Label:	RIN: 7.60

Fragment table for sample 3 : #3 Jul 6, 2016

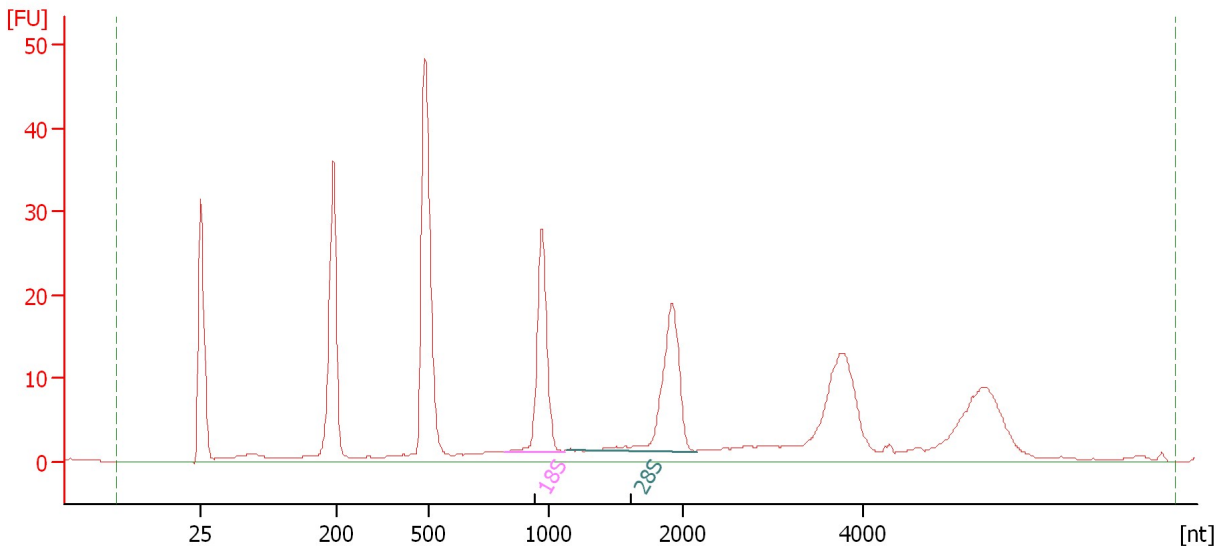
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	878	1,089	31.5	10.7
28S	1,668	2,153	28.9	9.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...

#4_Jul 6, 2016



Overall Results for sample 4 : #4 Jul 6, 2016

RNA Area: 353.2 RNA Integrity Number (RIN): 7.7 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration: 2,049 pg/μl
rRNA Ratio [28s / 18s]: 1.0
Result Flagging Color:
Result Flagging Label: RIN: 7.70

Fragment table for sample 4 : #4 Jul 6, 2016

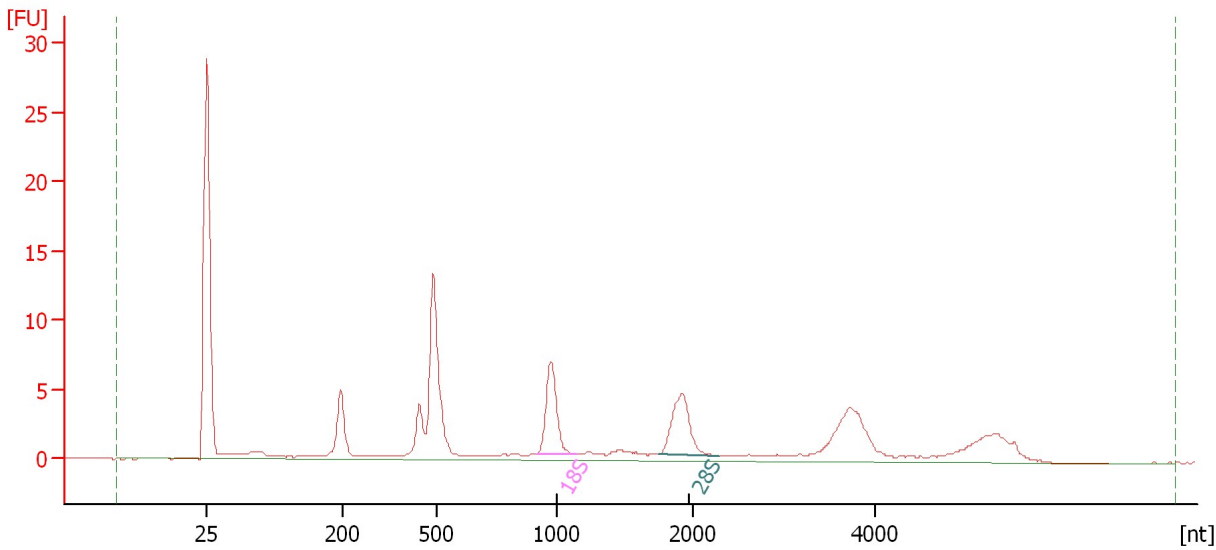
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	817	1,118	36.5	10.3
28S	1,134	2,142	36.3	10.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...

#5_Jun 30, 2015



Overall Results for sample 5 : #5 Jun 30, 2015

RNA Area: 99.3 RNA Integrity Number (RIN): 7.4 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration: 576 µg/µl
rRNA Ratio [28s / 18s]: 1.0
Result Flagging Color:
Result Flagging Label: RIN: 7.40

Fragment table for sample 5 : #5 Jun 30, 2015

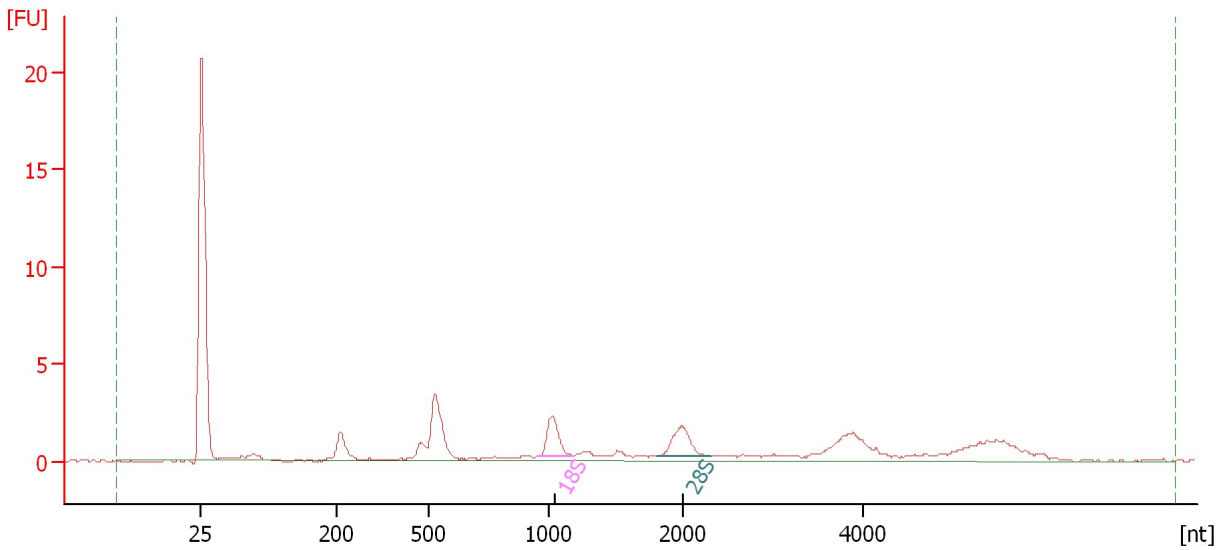
Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	914	1,137	9.4	9.4
28S	1,742	2,272	9.1	9.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...

#6_Nov 13, 2018



Overall Results for sample 6 : #6 Nov 13, 2018

RNA Area: 40.3 RNA Integrity Number (RIN): 7.2 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration: 234 µg/µl
rRNA Ratio [28s / 18s]: 1.0
Result Flagging Color:
Result Flagging Label: RIN: 7.20

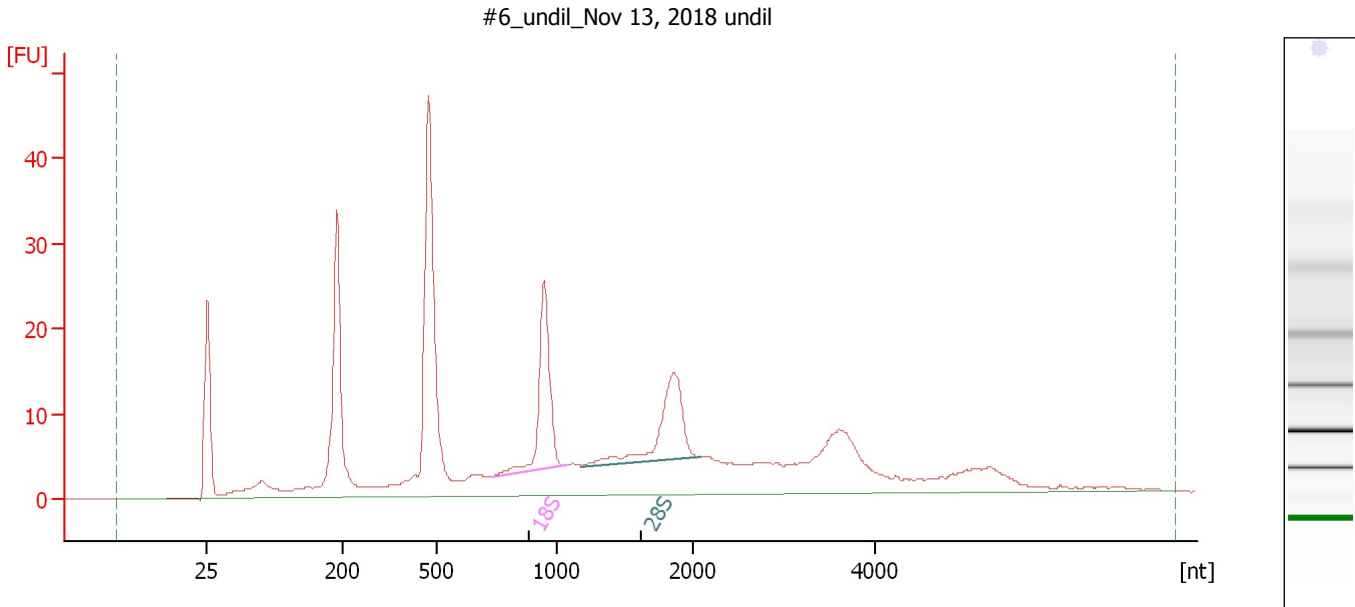
Fragment table for sample 6 : #6 Nov 13, 2018

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	955	1,182	3.2	8.0
28S	1,809	2,297	3.2	8.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
 Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 7 : #6 undil Nov 13, 2018 undil

RNA Area:	401.3	RNA Integrity Number (RIN):	6.3 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	2,327 pg/μl		
rRNA Ratio [28s / 18s]:	0.8	Result Flagging Color:	
		Result Flagging Label:	RIN: 6.30

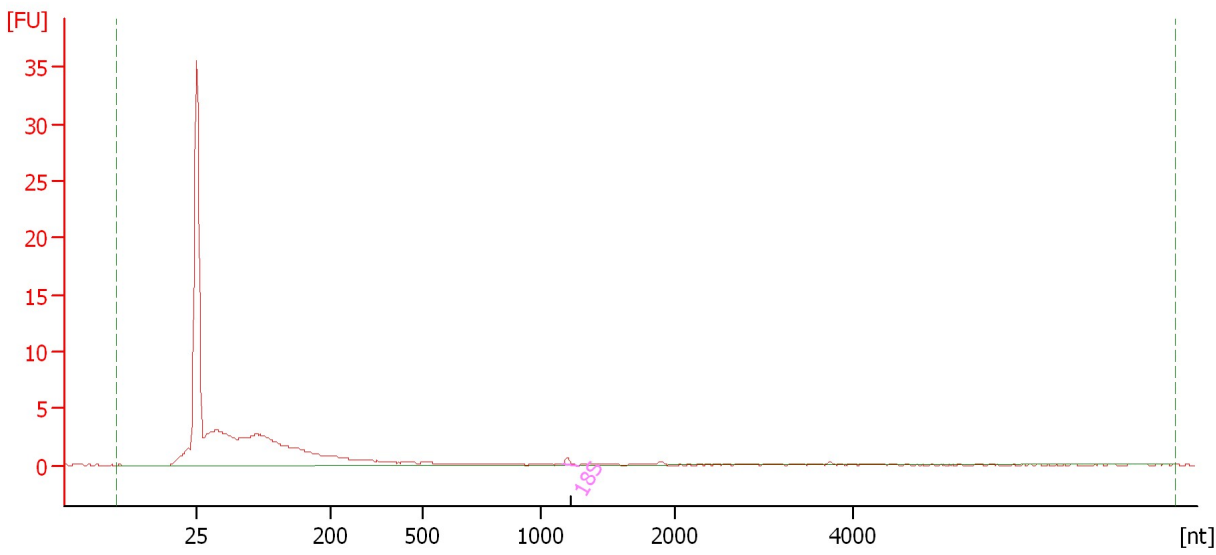
Fragment table for sample 7 : #6 undil Nov 13, 2018 undil

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	733	1,066	33.0	8.2
28S	1,176	2,072	27.6	6.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 :

RNA Area:	57.1	RNA Integrity Number (RIN):	1.6 (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	331 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.60

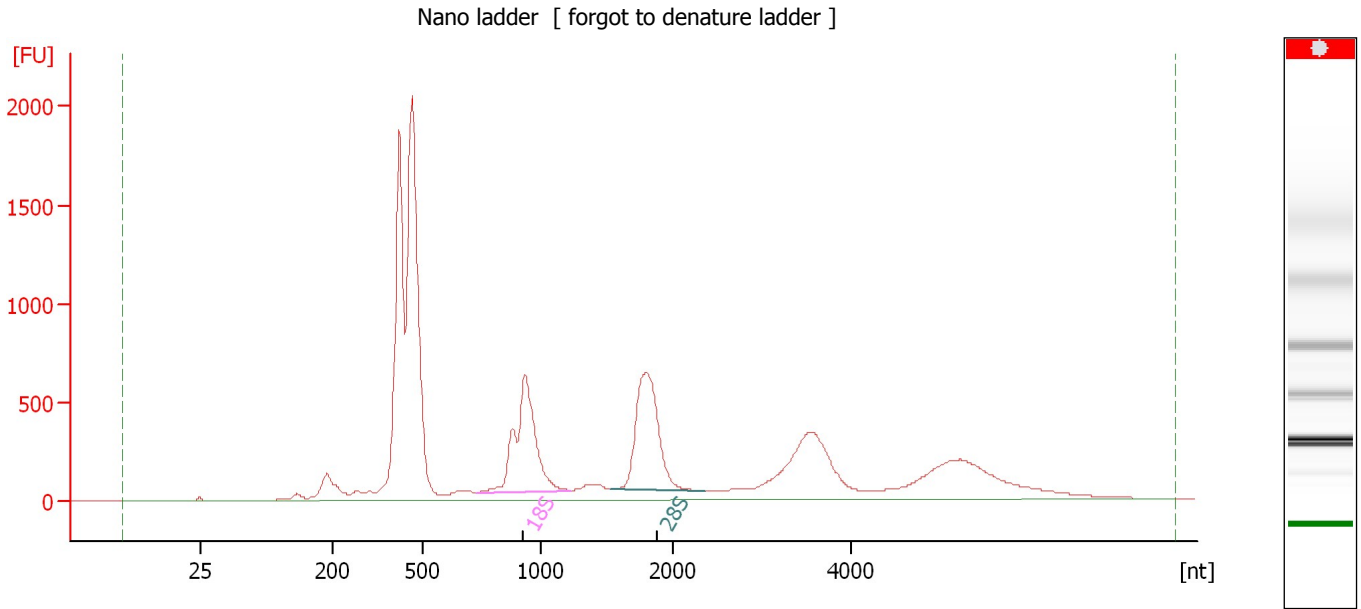
Fragment table for sample 8 :

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,158	1,286	0.4	0.7


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : Nano ladder

RNA Area:	15,225.4	RNA Integrity Number (RIN):	N/A (B.02.08, Anomaly Threshold(s) manually adapted)
RNA Concentration:	88,299 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.0	Result Flagging Label:	RIN N/A

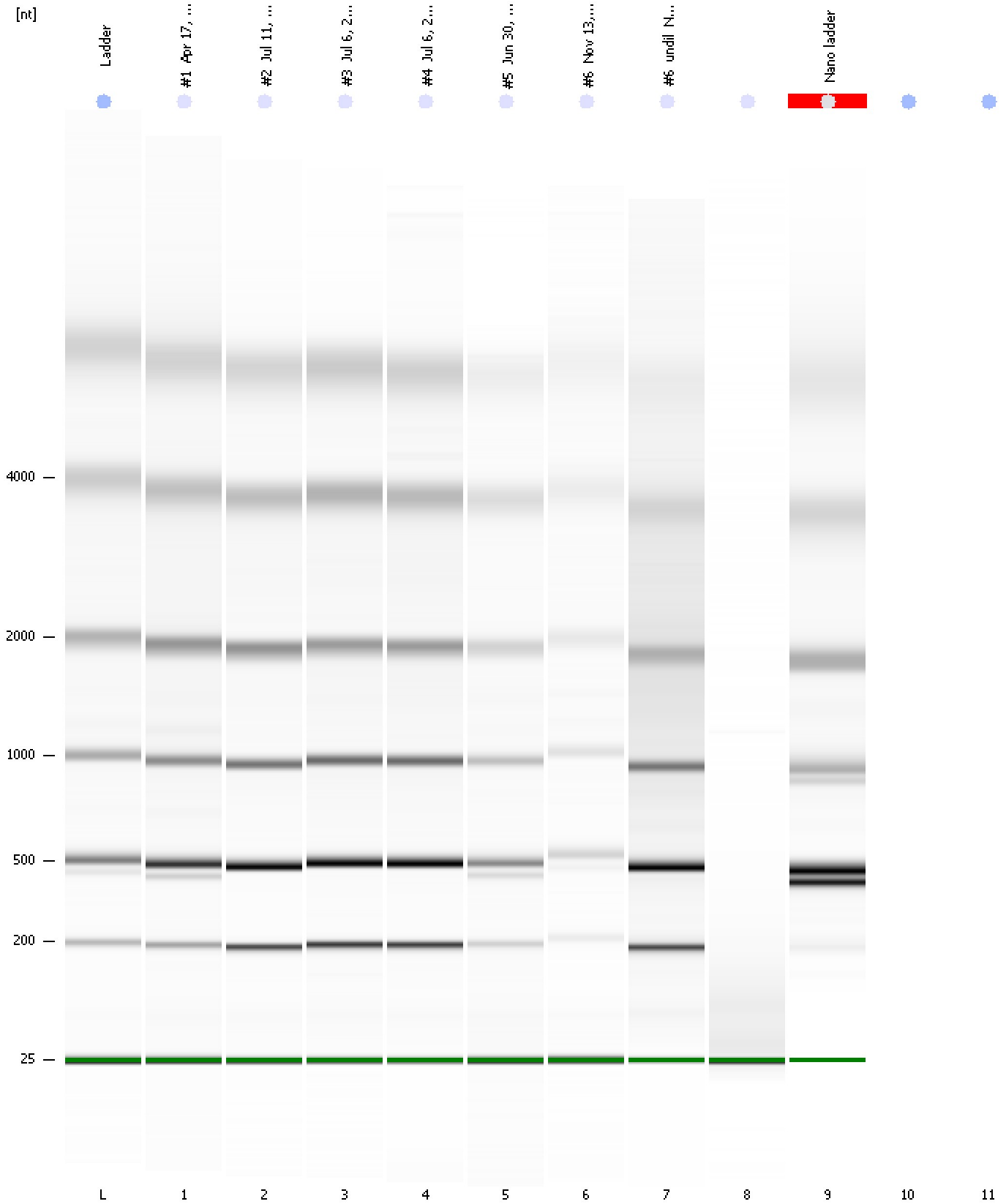
Fragment table for sample 9 : Nano ladder

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	725	1,218	1,654.9	10.9
28S	1,531	2,358	1,654.3	10.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-02-20\2018-02-20_002.xad

Created: 2/20/2018 12:09:49 PM
Modified: 2/20/2018 12:32:32 PM

Invalid Samples

Sample 10 has not been run, no results available.

Sample 11 has not been run, no results available.