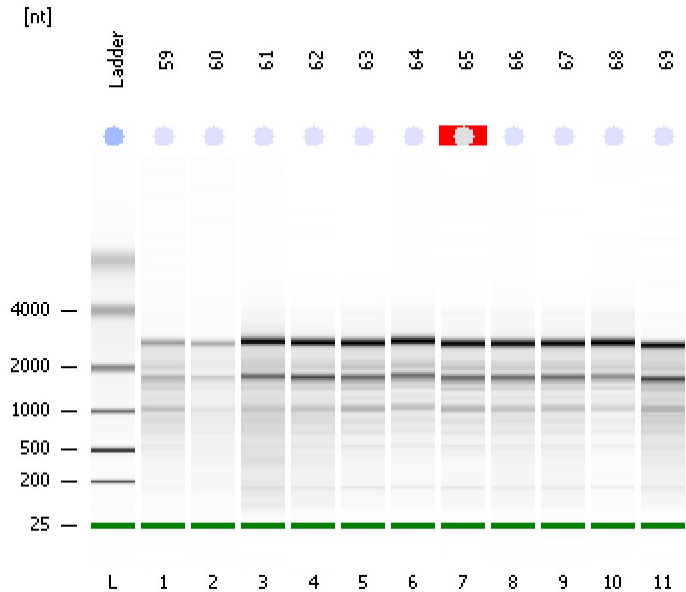


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electrophoresis File Run Summary



Instrument Information:

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

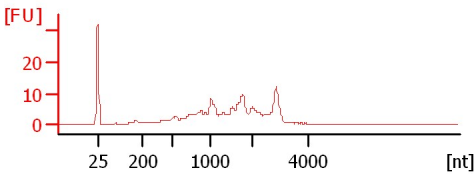
Assay Information:

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.

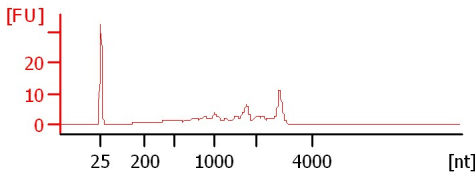
Chip Information:

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

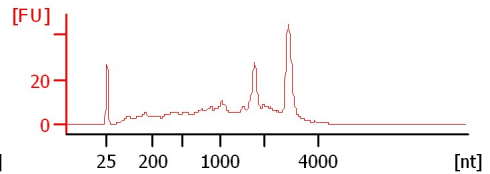
59
HiSeq1396
RIN: 6.20



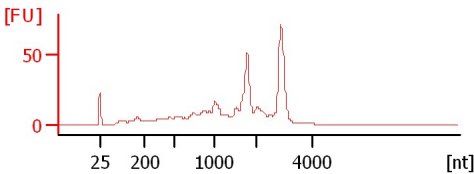
60
HiSeq1396
RIN: 7



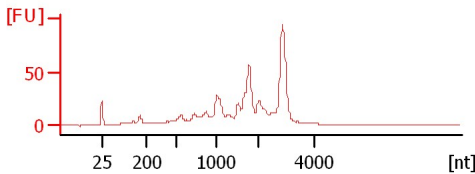
61
HiSeq1396
RIN: 7.10



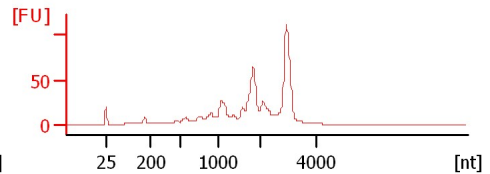
62
HiSeq1396
RIN: 7.40



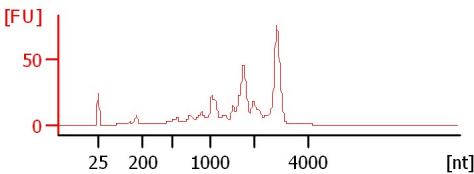
63
HiSeq1396
RIN: 7.70



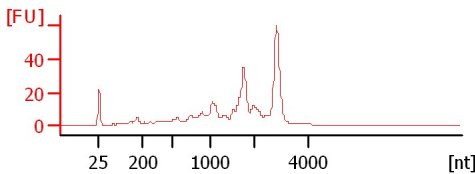
64
HiSeq1396
RIN: 7.90



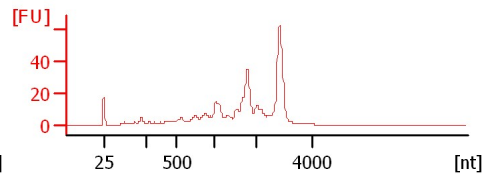
65
HiSeq1396
RIN N/A



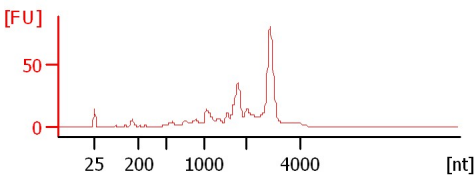
66
HiSeq1396
RIN: 7.80



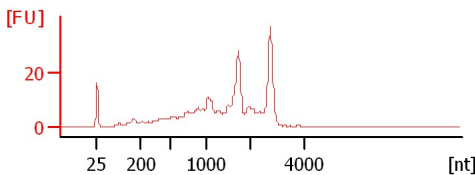
67
HiSeq1396
RIN: 7.80



68
HiSeq1396
RIN: 8.10



69
HiSeq1396
RIN: 7.10



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
 Modified: 6/25/2018 11:02:32 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
59	HiSeq1396	✓	RIN: 6.20	
60	HiSeq1396	✓	RIN:7	
61	HiSeq1396	✓	RIN: 7.10	
62	HiSeq1396	✓	RIN: 7.40	
63	HiSeq1396	✓	RIN: 7.70	
64	HiSeq1396	✓	RIN: 7.90	
65	HiSeq1396	✓	RIN N/A	
66	HiSeq1396	✓	RIN: 7.80	
67	HiSeq1396	✓	RIN: 7.80	
68	HiSeq1396	✓	RIN: 8.10	
69	HiSeq1396	✓	RIN: 7.10	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

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/μl] : 1000
Lower Marker Concentration [pg/μl] : 0
Upper Marker Concentration [pg/μl] : 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

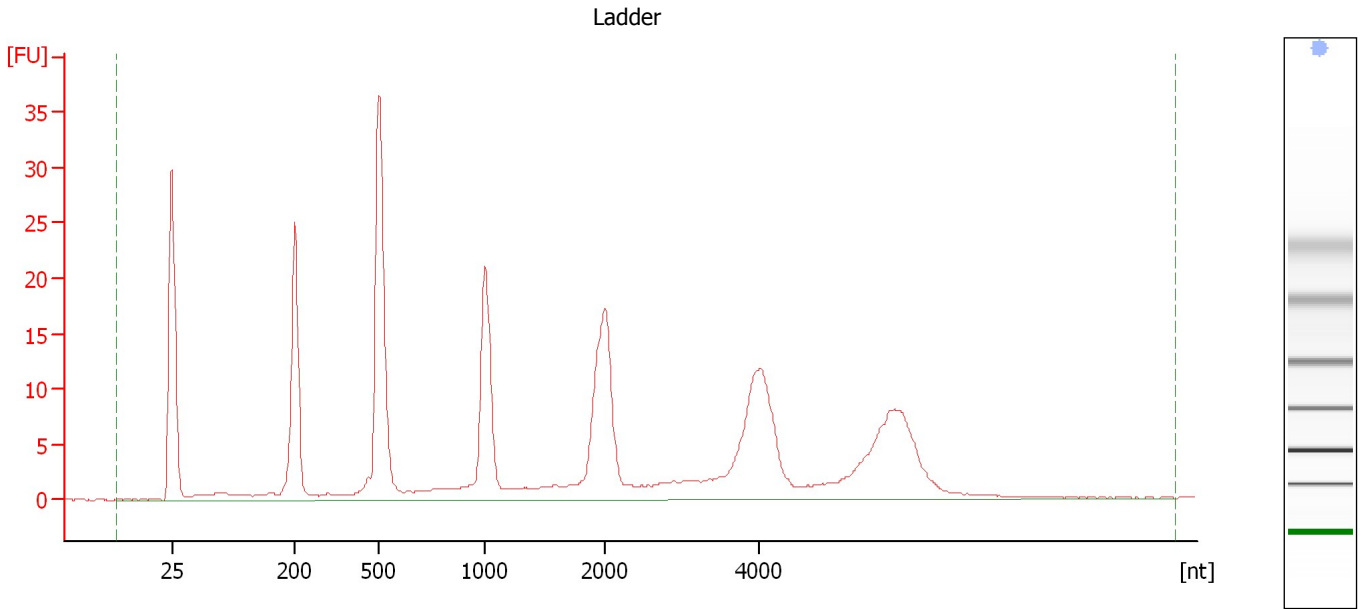
Ladder

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

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary



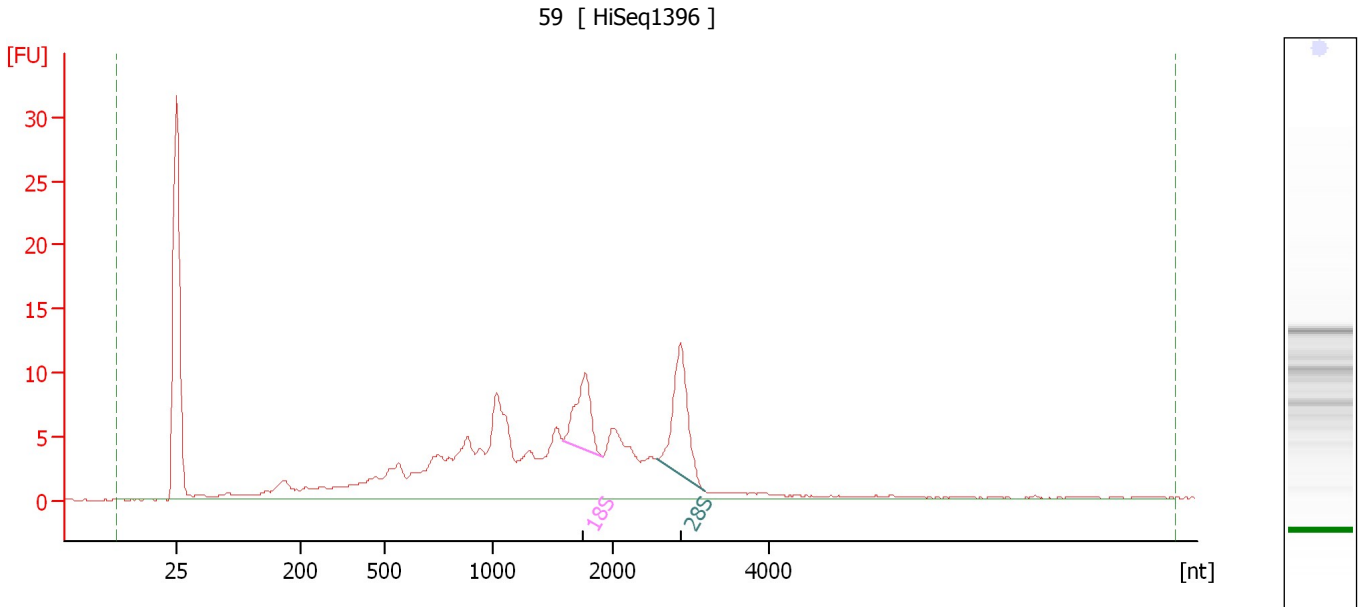
Overall Results for Ladder

RNA Area:	290.9	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\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 59

RNA Area: 189.5 RNA Integrity Number (RIN): 6.2 (B.02.08)
RNA Concentration: 652 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.6 Result Flagging Label: RIN: 6.20

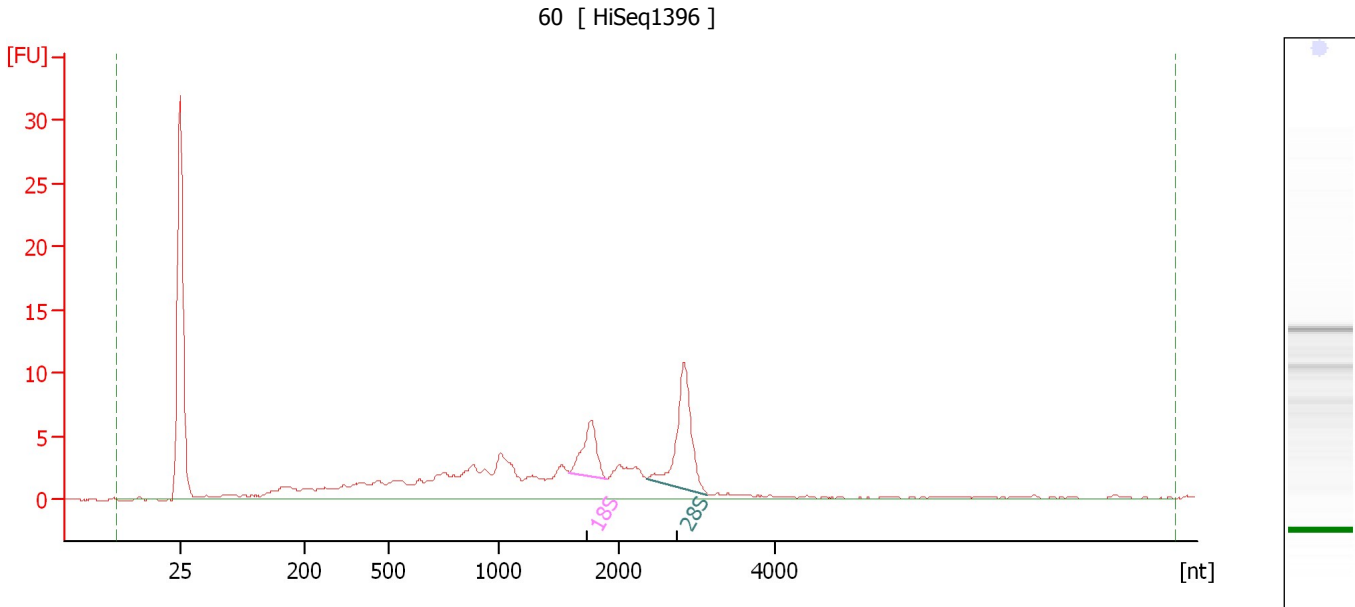
Fragment table for sample 1 : 59

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,587	1,905	11.4	6.0
28S	2,555	3,174	17.7	9.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 60

RNA Area: 116.8 RNA Integrity Number (RIN): 7 (B.02.08)
RNA Concentration: 402 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.1 Result Flagging Label: RIN:7

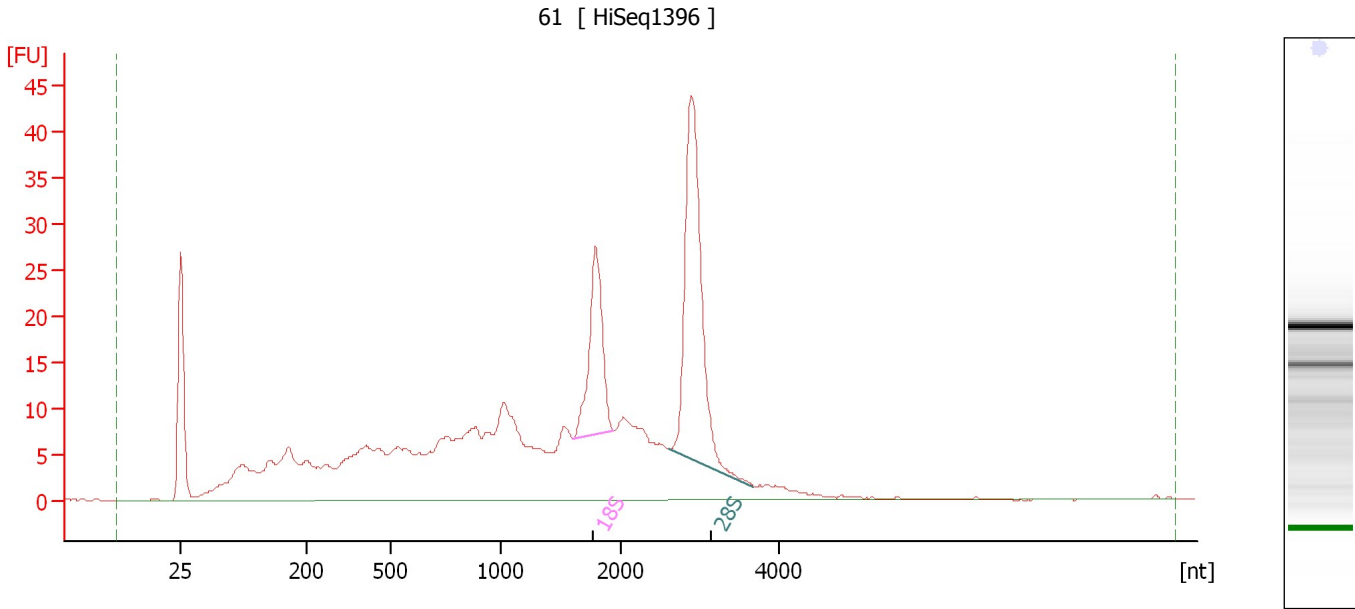
Fragment table for sample 2 : 60

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,583	1,890	7.9	6.7
28S	2,349	3,129	16.7	14.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 61

RNA Area:	491.6	RNA Integrity Number (RIN):	7.1 (B.02.08)
RNA Concentration:	1,690 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.2	Result Flagging Label:	RIN: 7.10

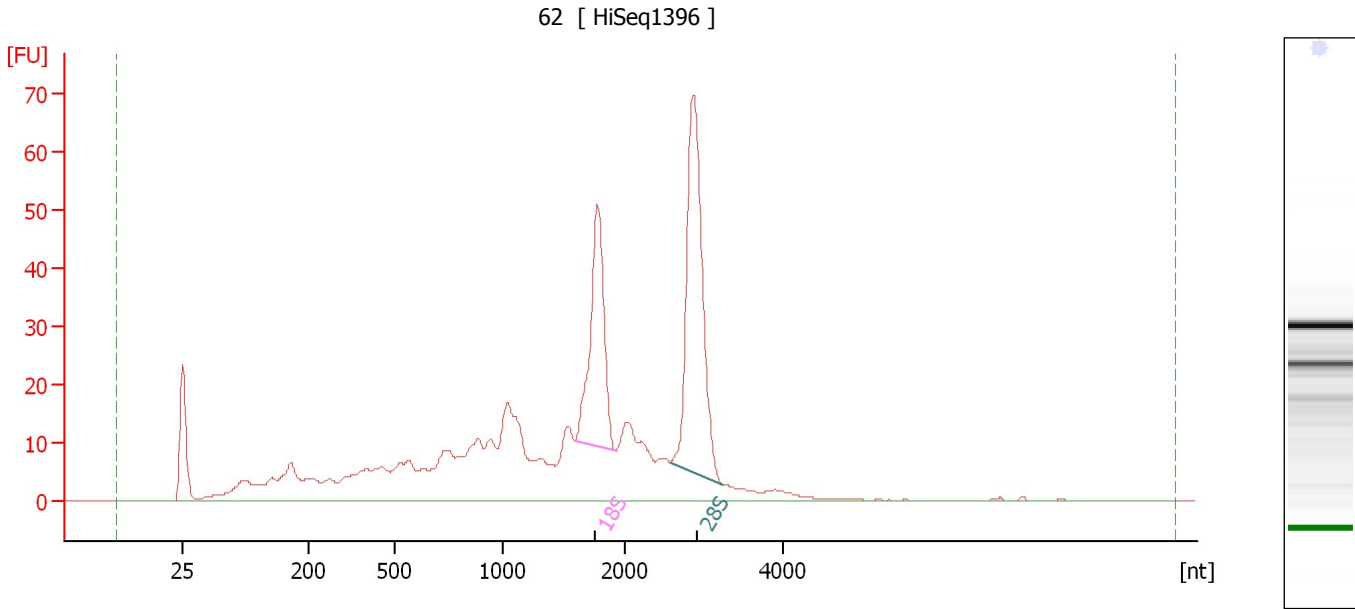
Fragment table for sample 3 : 61

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,602	1,935	34.4	7.0
28S	2,609	3,687	74.7	15.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 62

RNA Area:	633.0	RNA Integrity Number (RIN):	7.4 (B.02.08)
RNA Concentration:	2,176 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 7.40

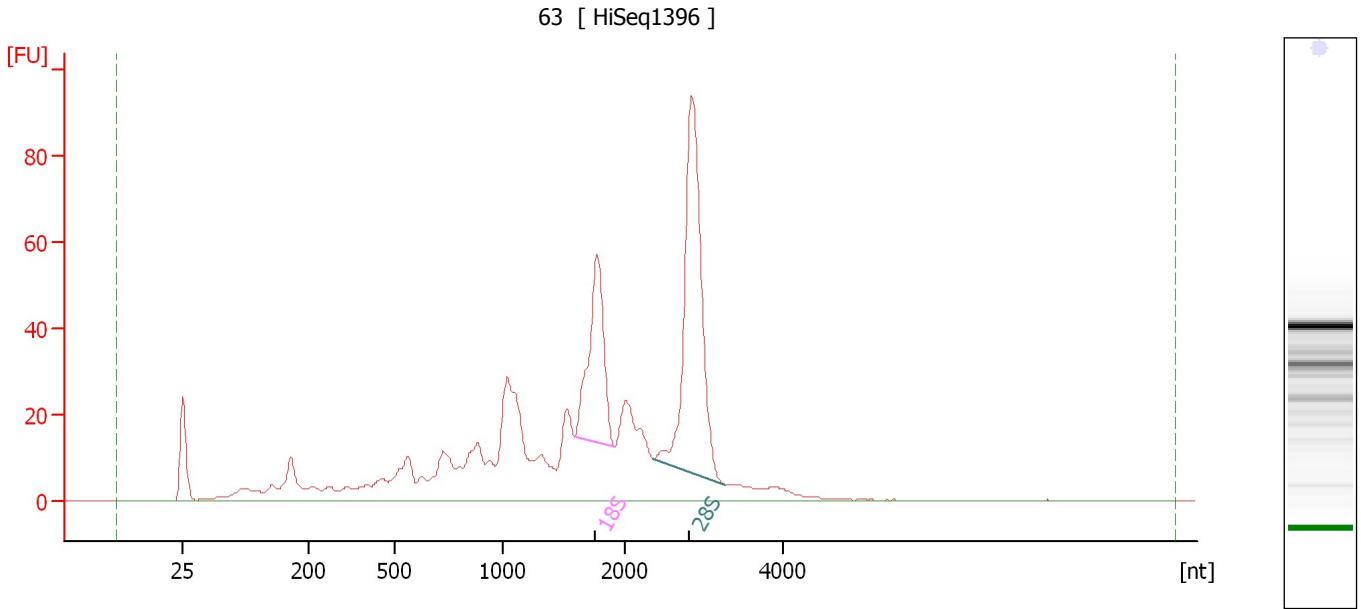
Fragment table for sample 4 : 62

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,588	1,919	72.4	11.4
28S	2,568	3,233	117.0	18.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 5 : 63

RNA Area:	804.9	RNA Integrity Number (RIN):	7.7 (B.02.08)
RNA Concentration:	2,767 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.1	Result Flagging Label:	RIN: 7.70

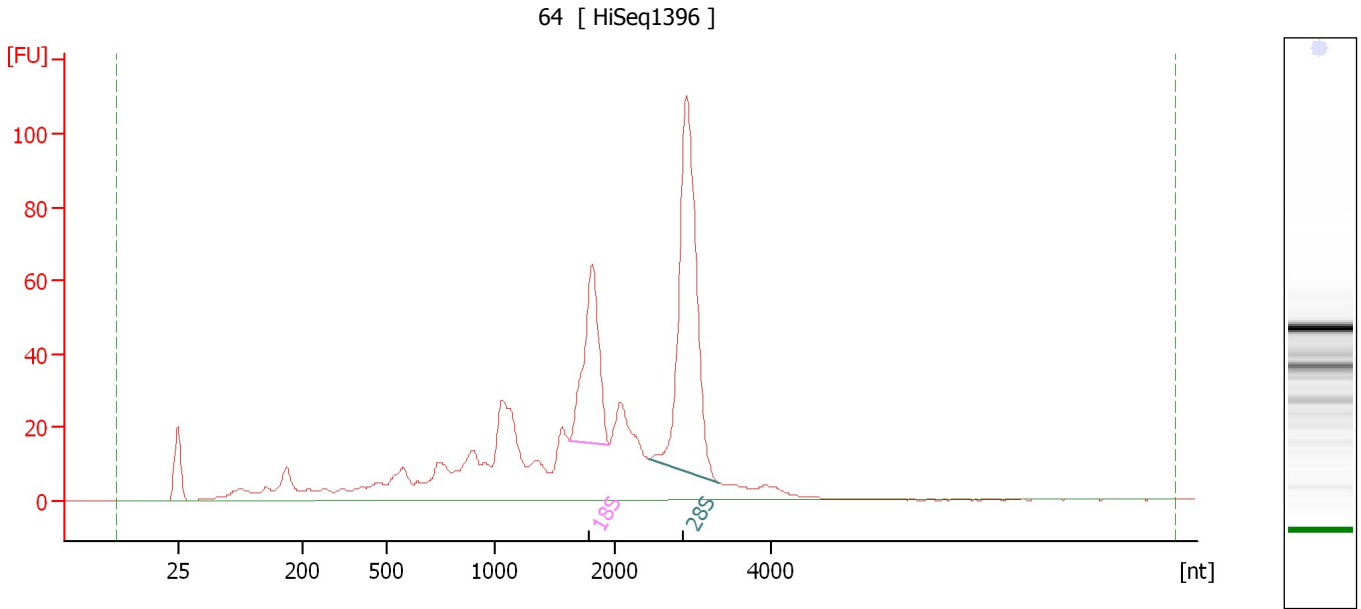
Fragment table for sample 5 : 63

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,579	1,911	82.3	10.2
28S	2,350	3,260	169.8	21.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 64

RNA Area:	879.2	RNA Integrity Number (RIN):	7.9 (B.02.08)
RNA Concentration:	3,023 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.2	Result Flagging Label:	RIN: 7.90

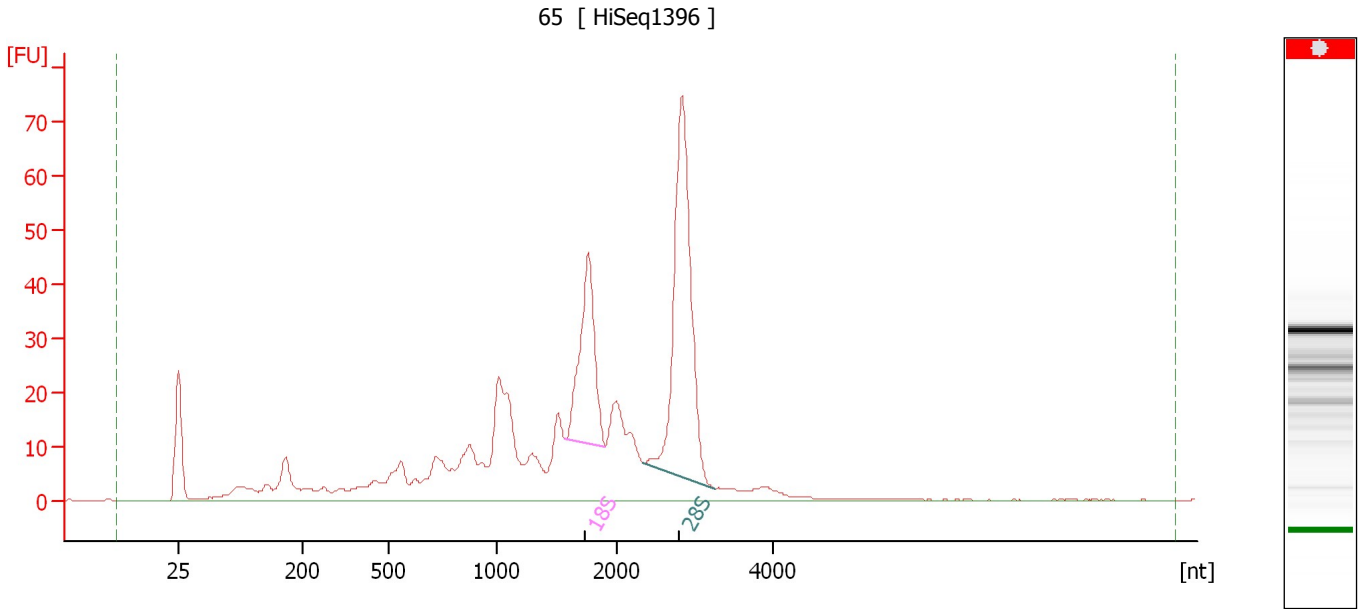
Fragment table for sample 6 : 64

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,615	1,950	95.0	10.8
28S	2,431	3,337	205.8	23.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 65

RNA Area: 613.8 RNA Integrity Number (RIN): N/A (B.02.08)
RNA Concentration: 2,110 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 2.1 Result Flagging Label: RIN N/A

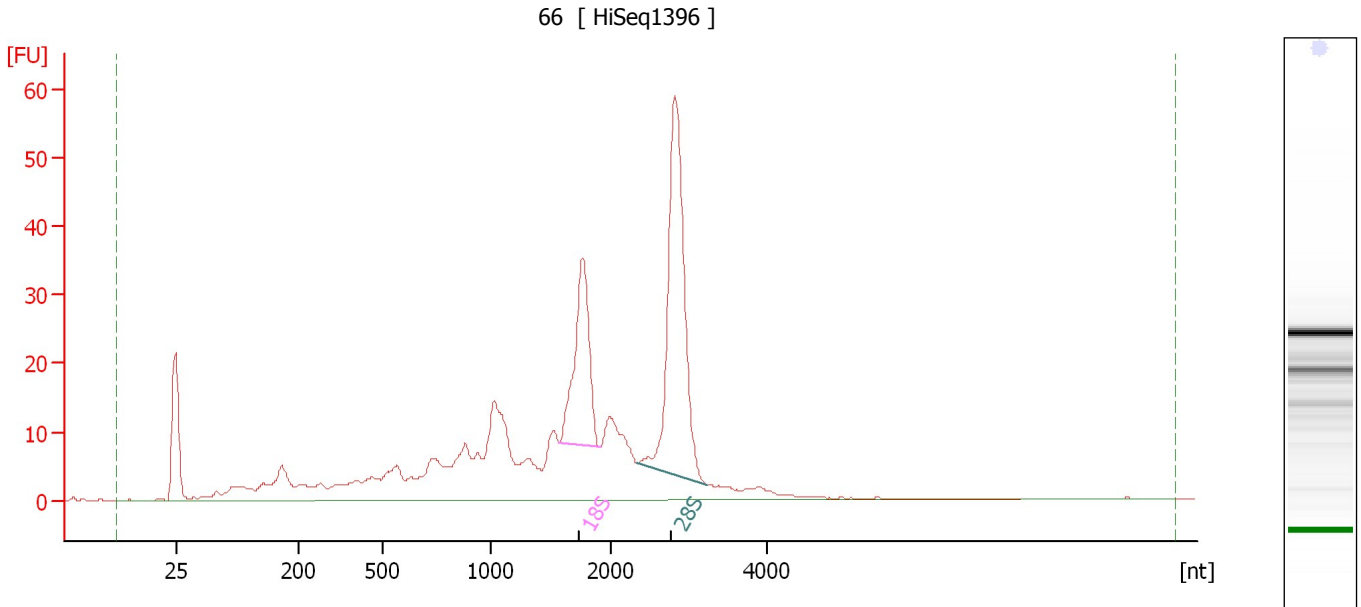
Fragment table for sample 7 : 65

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,572	1,898	66.5	10.8
28S	2,335	3,240	137.2	22.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 66

RNA Area:	484.1	RNA Integrity Number (RIN):	7.8 (B.02.08)
RNA Concentration:	1,664 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.0	Result Flagging Label:	RIN: 7.80

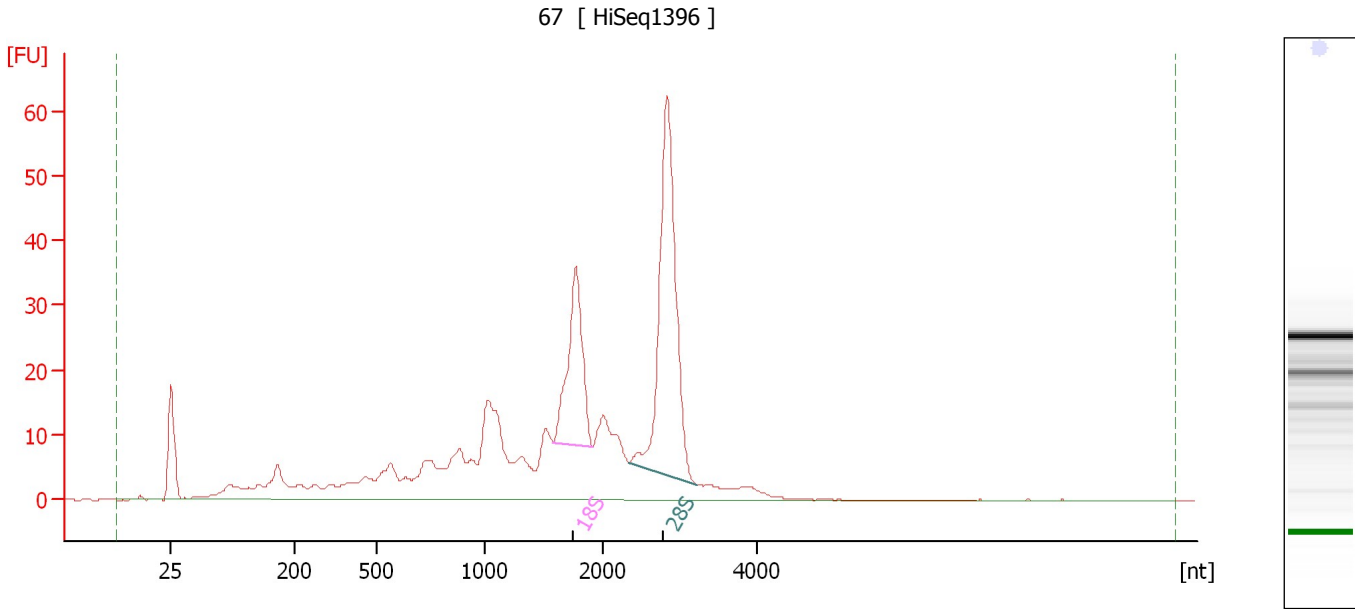
Fragment table for sample 8 : 66

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,567	1,904	51.9	10.7
28S	2,334	3,245	105.3	21.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 67

RNA Area:	506.5	RNA Integrity Number (RIN):	7.8 (B.02.08)
RNA Concentration:	1,741 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.1	Result Flagging Label:	RIN: 7.80

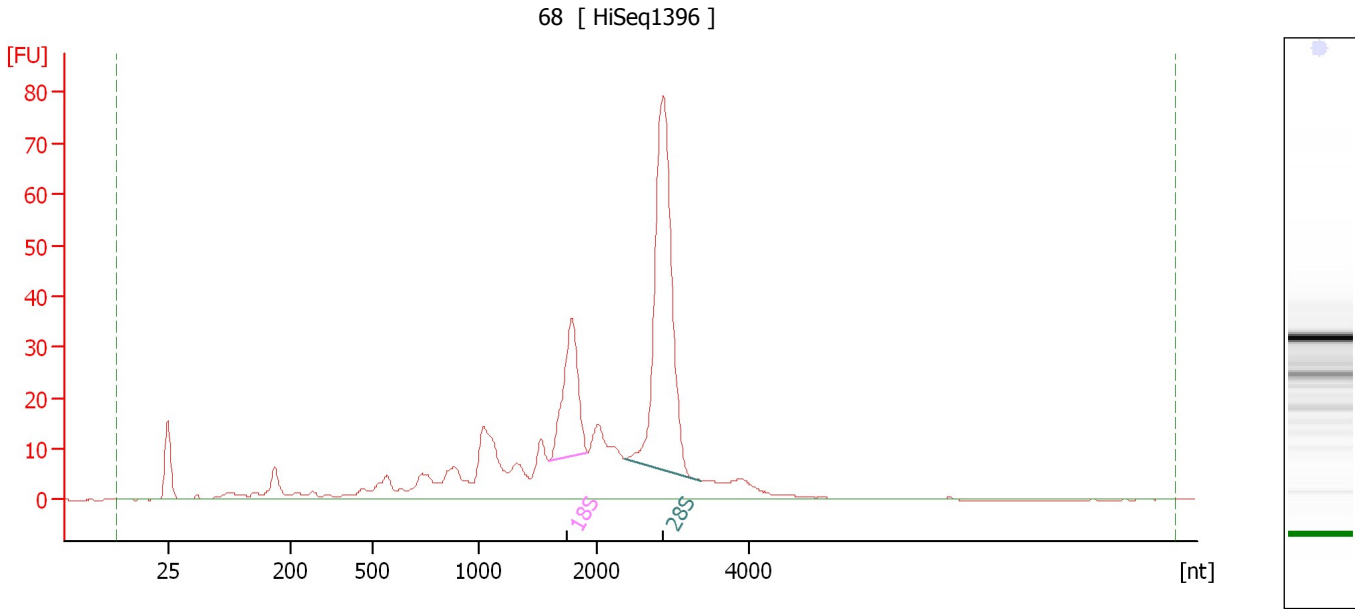
Fragment table for sample 9 : 67

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,578	1,909	52.2	10.3
28S	2,346	3,209	112.1	22.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 68

RNA Area:	511.4	RNA Integrity Number (RIN):	8.1 (B.02.08)
RNA Concentration:	1,758 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	2.8	Result Flagging Label:	RIN: 8.10

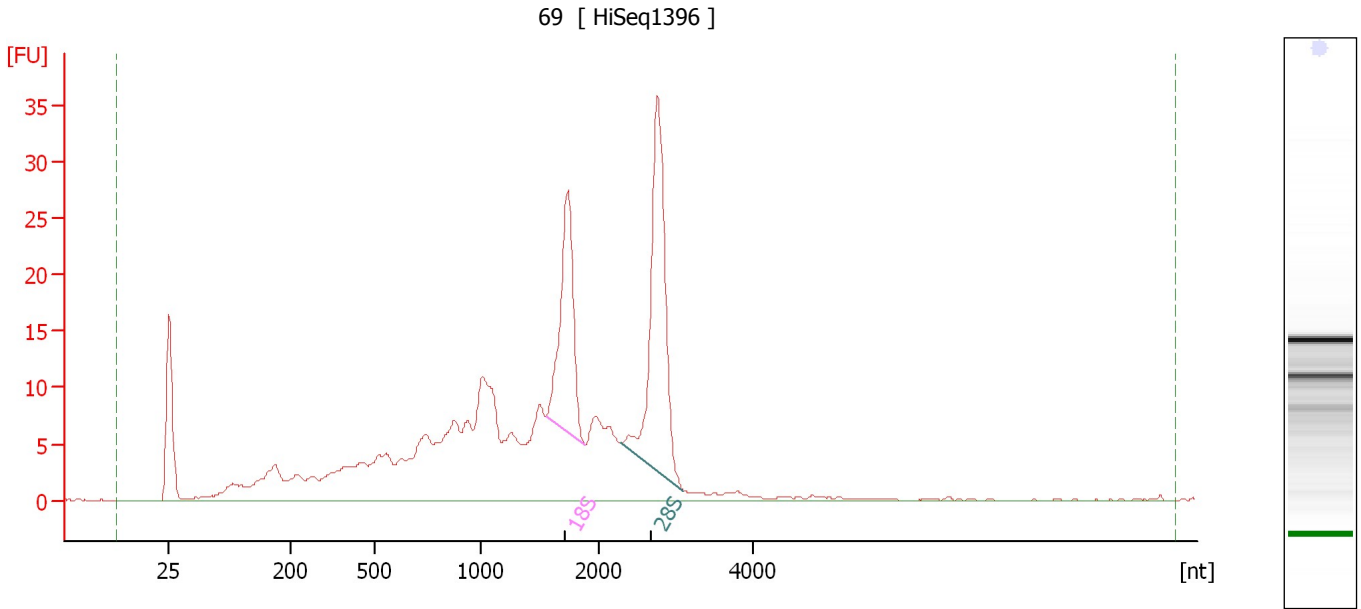
Fragment table for sample 10 : 68

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,600	1,915	53.0	10.4
28S	2,373	3,354	149.2	29.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 69

RNA Area: 362.2 RNA Integrity Number (RIN): 7.1 (B.02.08)
RNA Concentration: 1,245 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.6 Result Flagging Label: RIN: 7.10

Fragment table for sample 11 : 69

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,557	1,880	36.8	10.1
28S	2,290	3,101	57.2	15.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2018-06-25\2018-06-25_001.xad

Created: 6/25/2018 10:39:37 AM
Modified: 6/25/2018 11:02:32 AM

Gel Image

