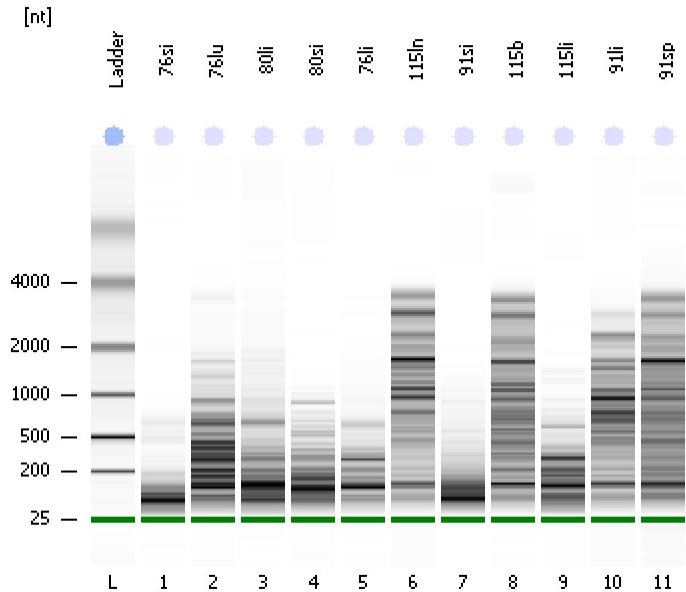


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electrophoresis File Run Summary



Instrument Information:

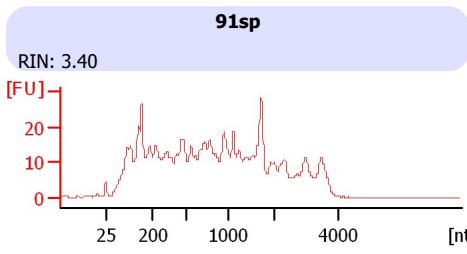
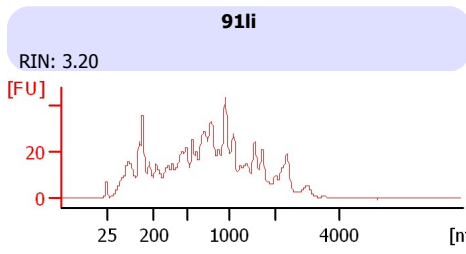
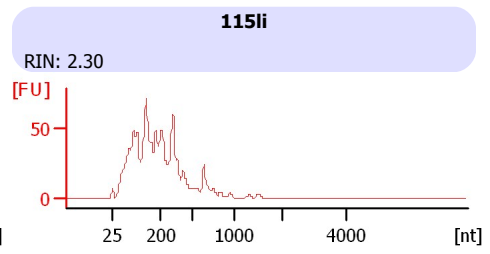
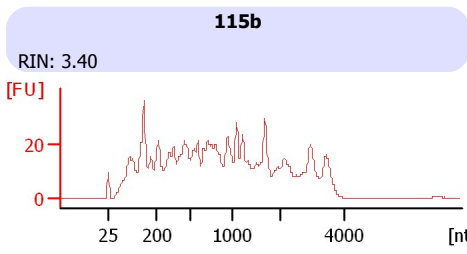
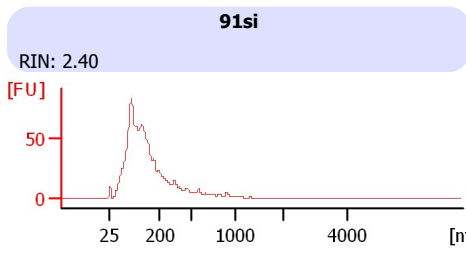
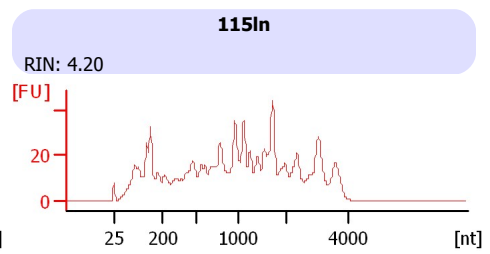
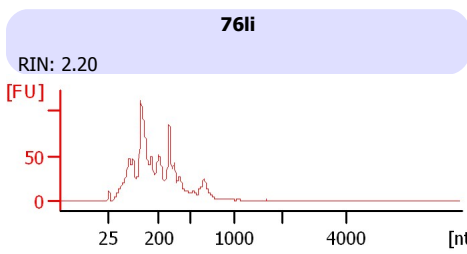
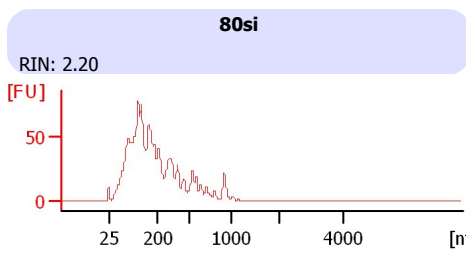
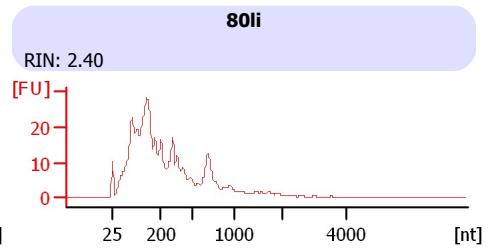
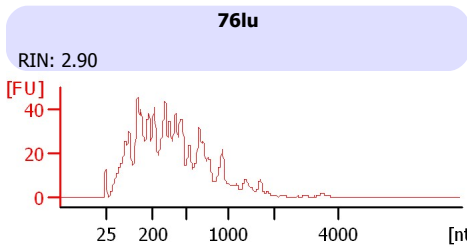
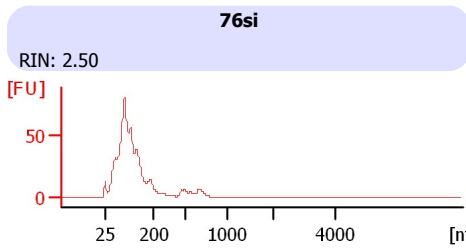
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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)
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Chip Information:

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



Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
 Modified: 7/27/2017 10:20:52 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
76si		✓	RIN: 2.50	
76lu		✓	RIN: 2.90	
80li		✓	RIN: 2.40	
80si		✓	RIN: 2.20	
76li		✓	RIN: 2.20	
115ln		✓	RIN: 4.20	
91si		✓	RIN: 2.40	
115b		✓	RIN: 3.40	
115li		✓	RIN: 2.30	
91li		✓	RIN: 3.20	
91sp		✓	RIN: 3.40	
Ladder		✓	All Other Samples	

Chip Lot #

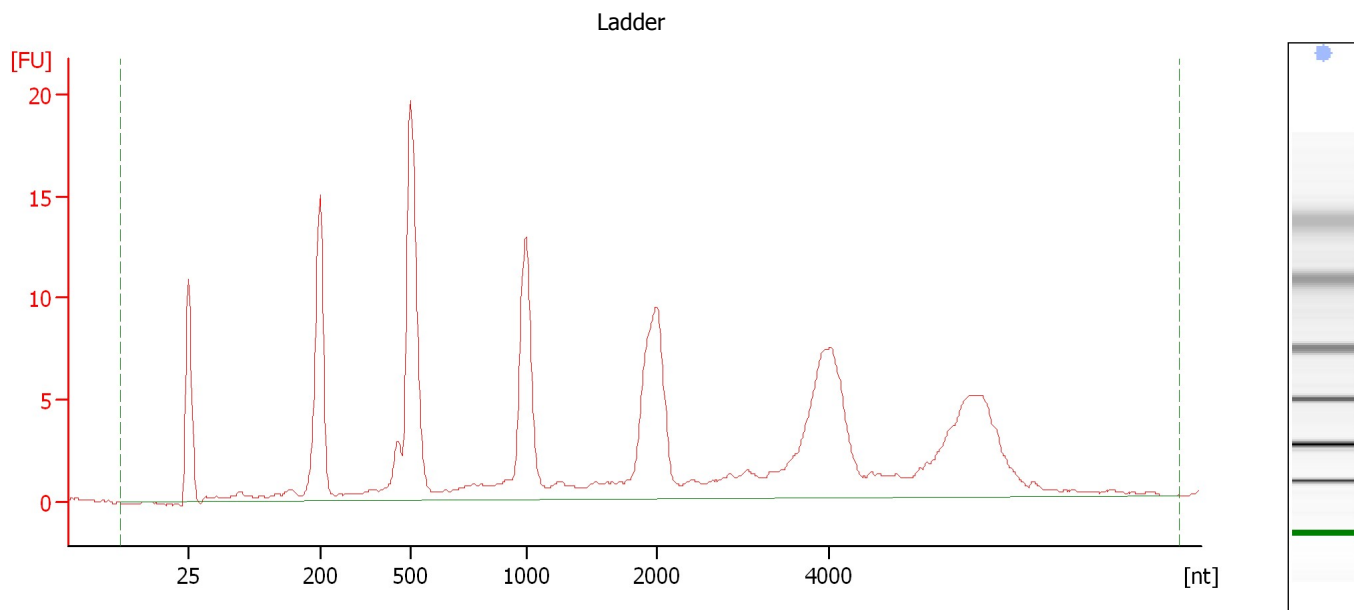
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electropherogram Summary



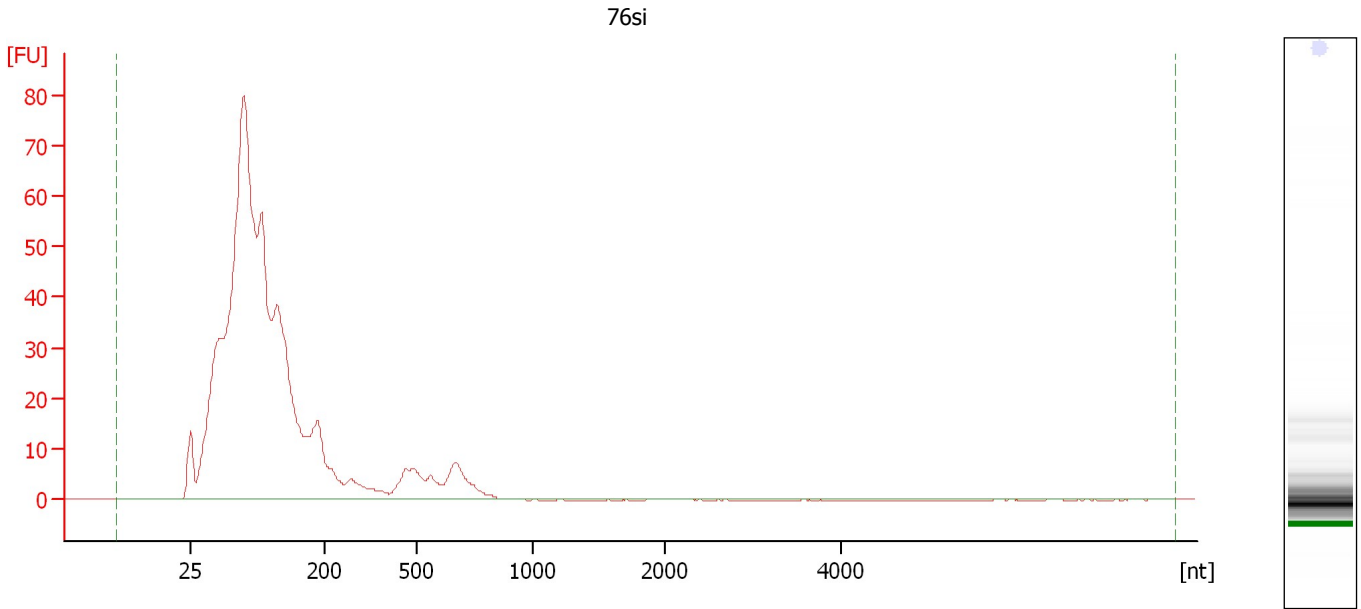
Overall Results for Ladder

RNA Area:	196.6	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\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electropherogram Summary Continued ...



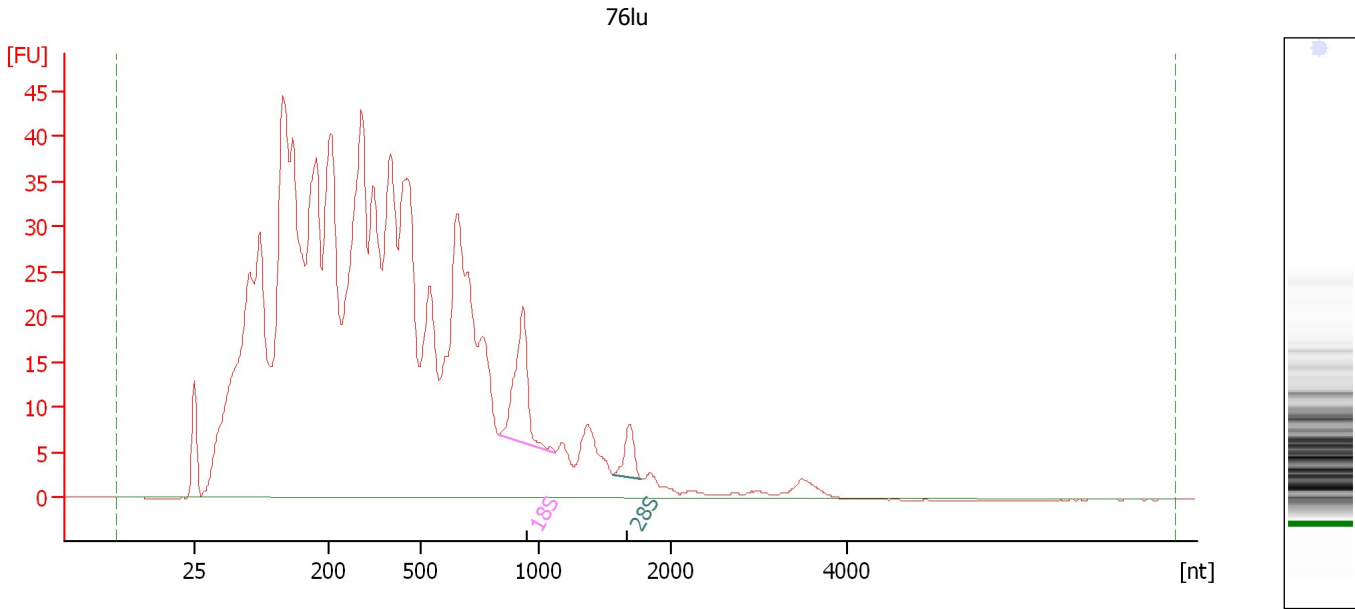
Overall Results for sample 1 : 76si

RNA Area:	840.2	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	4,274 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 2 : 76lu

RNA Area: 1,227.1 RNA Integrity Number (RIN): 2.9 (B.02.08)
RNA Concentration: 6,242 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.3 Result Flagging Label: RIN: 2.90

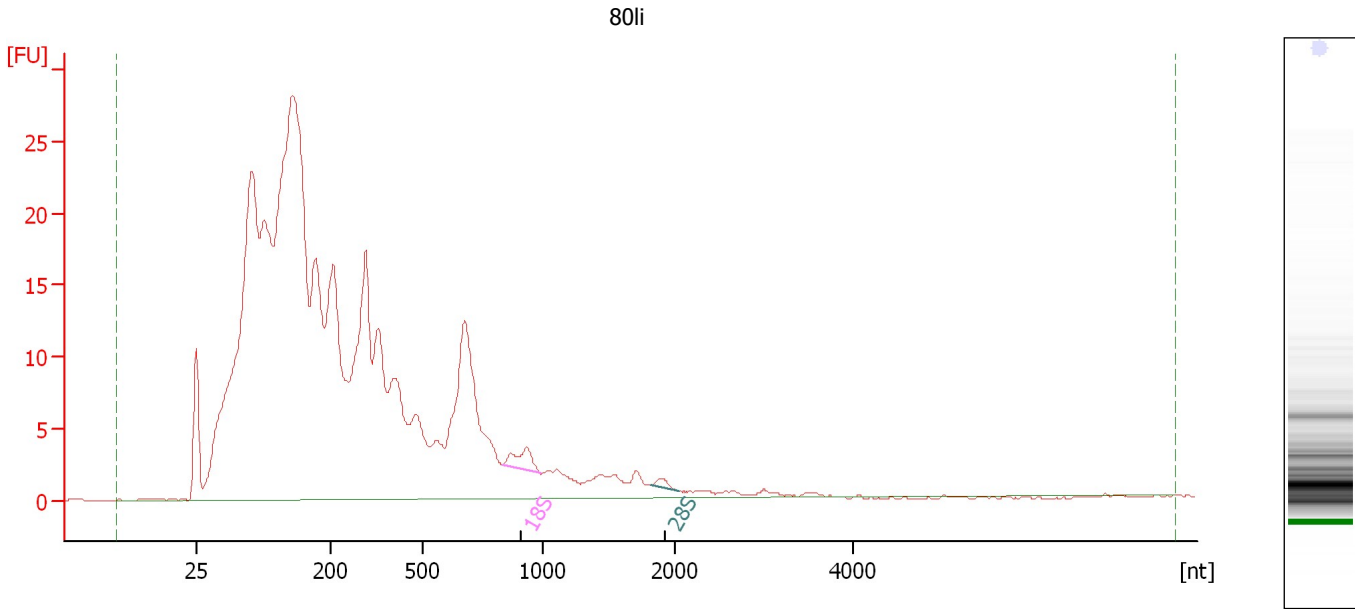
Fragment table for sample 2 : 76lu

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	835	1,126	25.8	2.1
28S	1,560	1,777	6.8	0.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 80li

RNA Area: 569.3 RNA Integrity Number (RIN): 2.4 (B.02.08)
RNA Concentration: 2,896 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.2 Result Flagging Label: RIN: 2.40

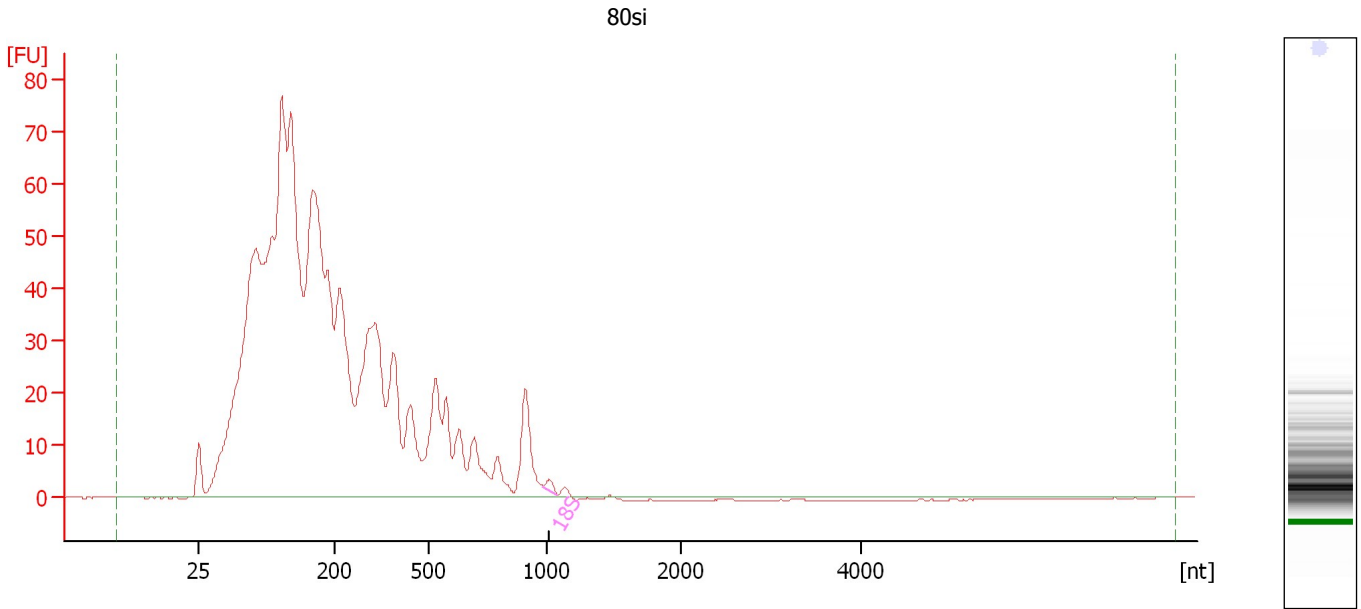
Fragment table for sample 3 : 80li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	834	992	3.7	0.7
28S	1,818	2,040	0.9	0.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : 80si

RNA Area:	1,310.5	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	6,666 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

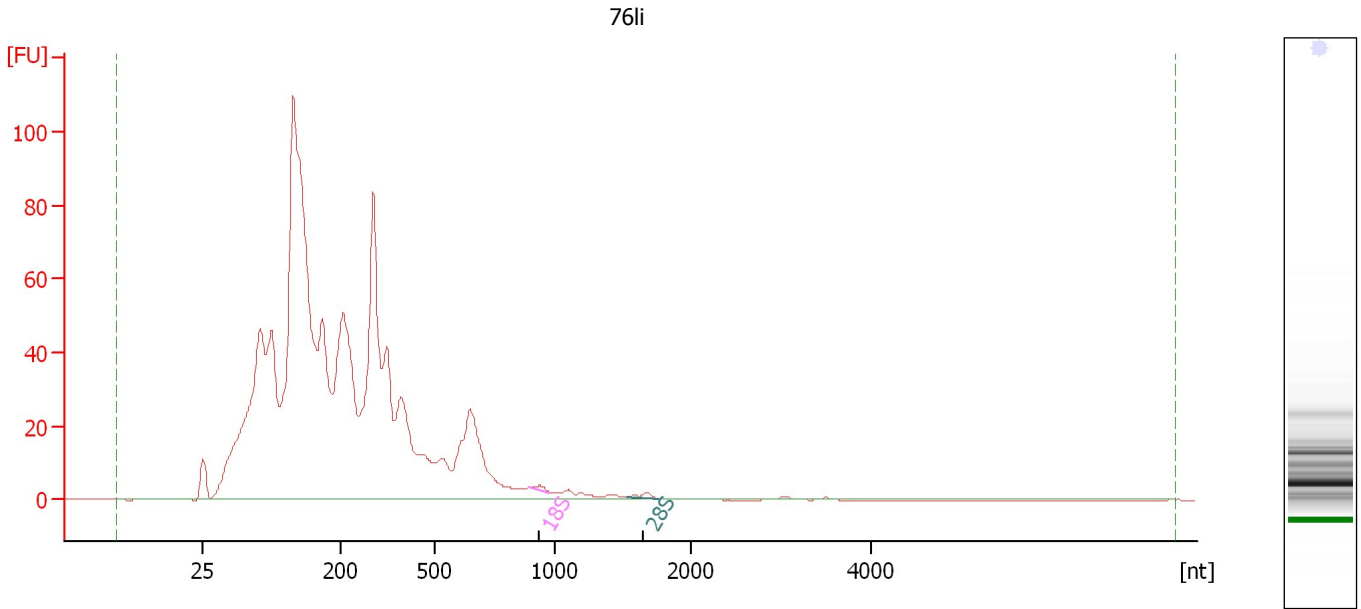
Fragment table for sample 4 : 80si

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	983	1,073	1.7	0.1

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 5 : 76li

RNA Area:	1,398.6	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	7,114 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.4	Result Flagging Label:	RIN: 2.20

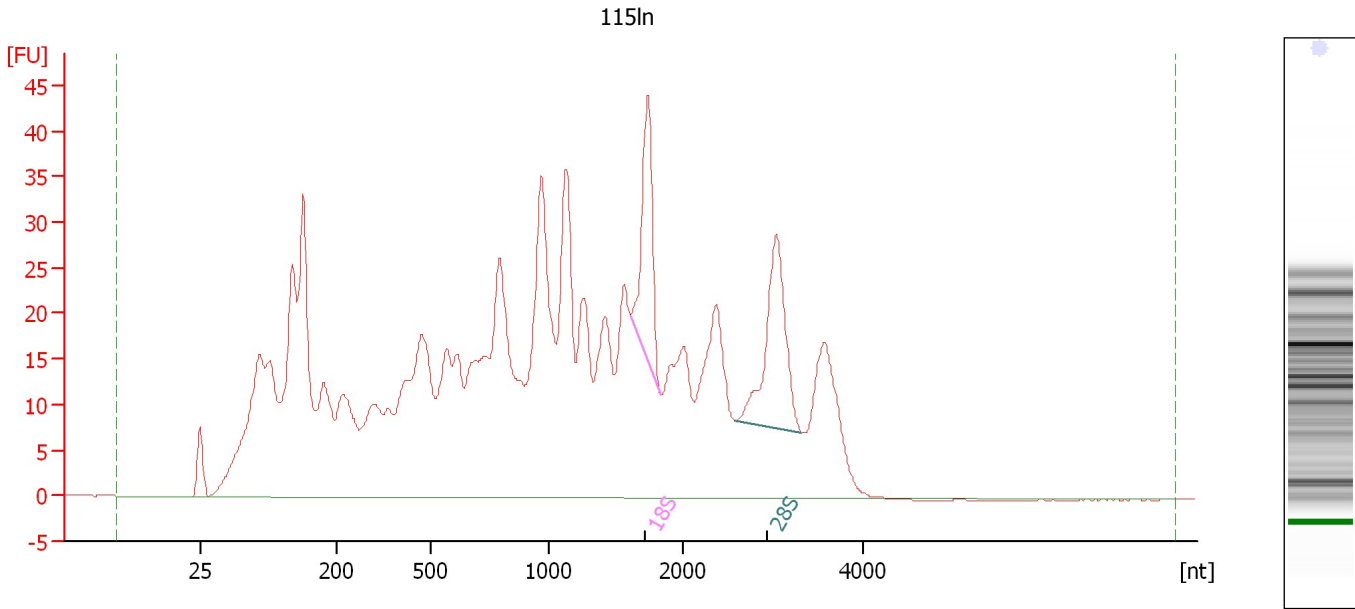
Fragment table for sample 5 : 76li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	895	979	1.5	0.1
28S	1,531	1,776	2.1	0.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 6 : 115In

RNA Area:	1,167.3	RNA Integrity Number (RIN):	4.2 (B.02.08)
RNA Concentration:	5,938 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.2	Result Flagging Label:	RIN: 4.20

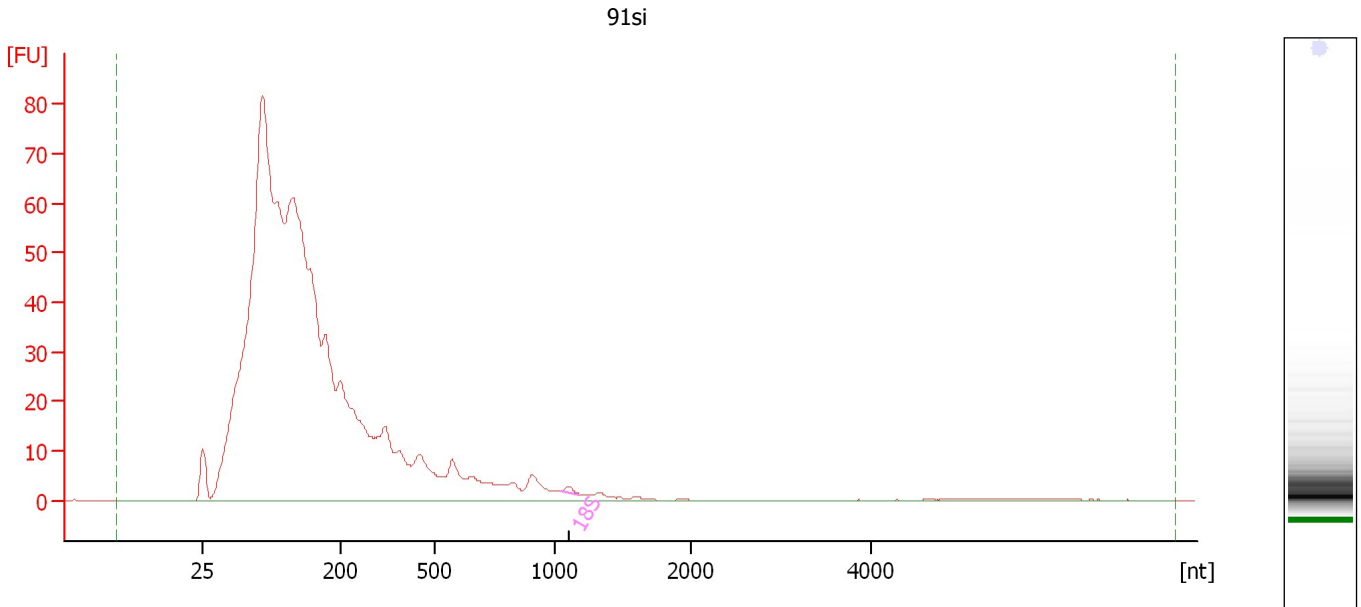
Fragment table for sample 6 : 115In

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,599	1,829	36.7	3.1
28S	2,579	3,320	44.8	3.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 7 : 91si

RNA Area:	1,153.9	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	5,870 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.40

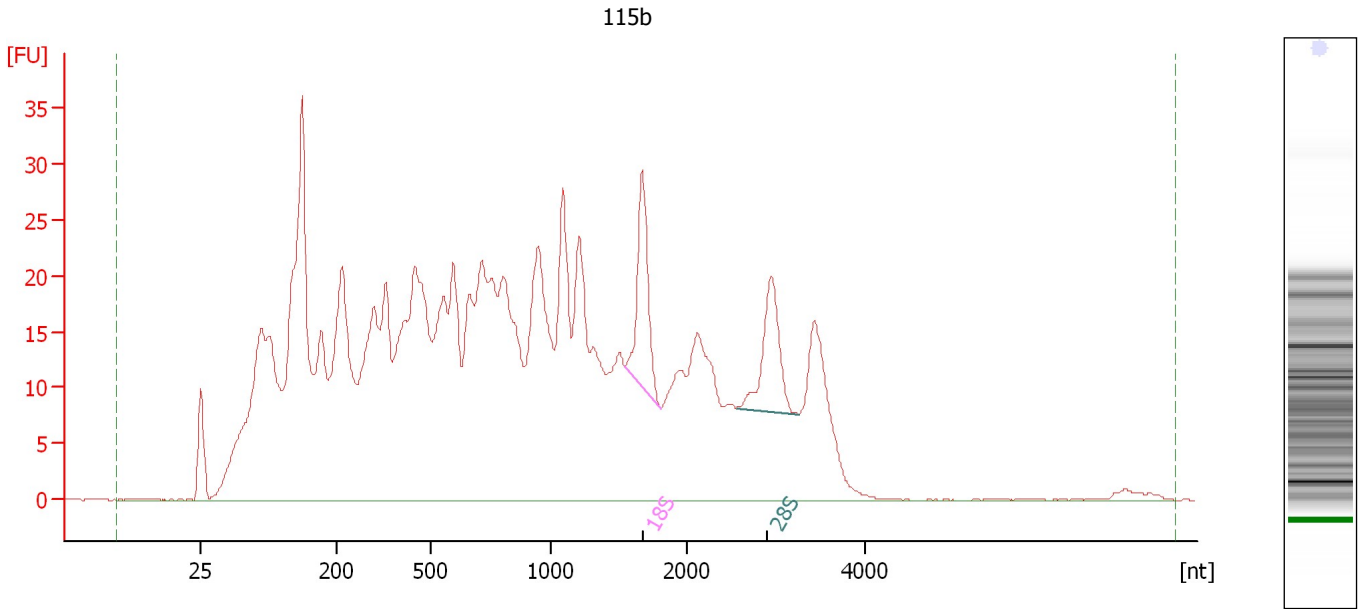
Fragment table for sample 7 : 91si

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,042	1,184	1.1	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : 115b

RNA Area:	1,114.4	RNA Integrity Number (RIN):	3.4 (B.02.08)
RNA Concentration:	5,669 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.9	Result Flagging Label:	RIN: 3.40

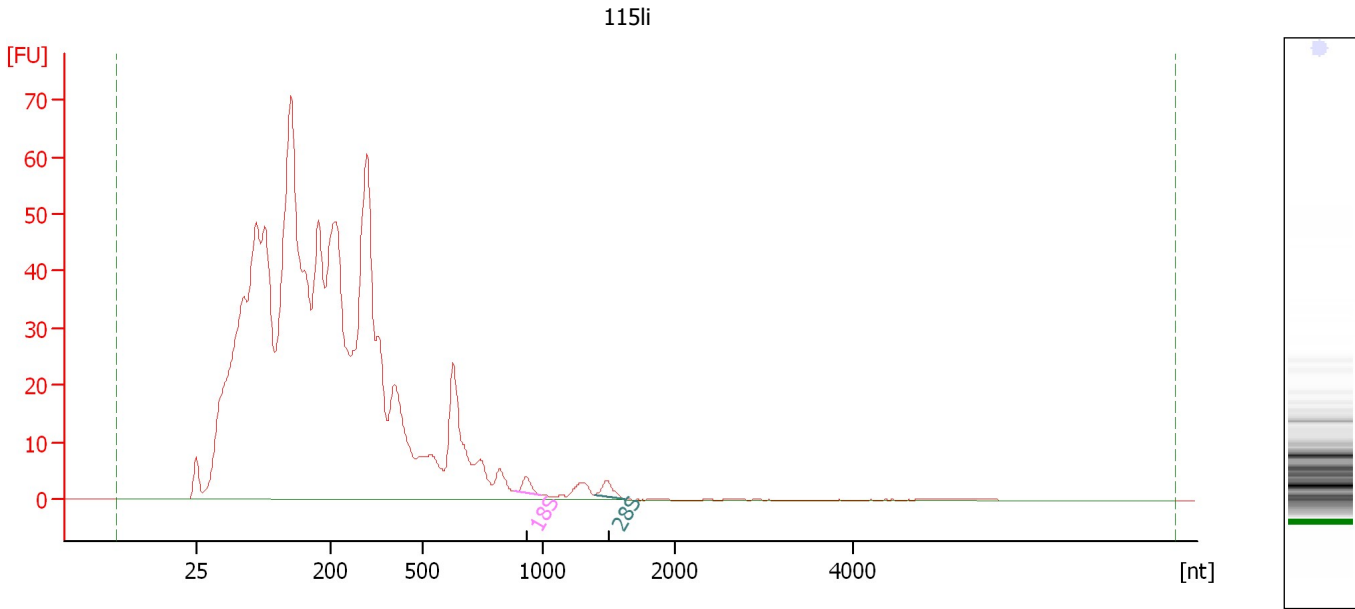
Fragment table for sample 8 : 115b

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,552	1,814	24.3	2.2
28S	2,566	3,258	21.3	1.9

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : 115li

RNA Area: 1,253.7 RNA Integrity Number (RIN): 2.3 (B.02.08)
RNA Concentration: 6,377 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 1.1 Result Flagging Label: RIN: 2.30

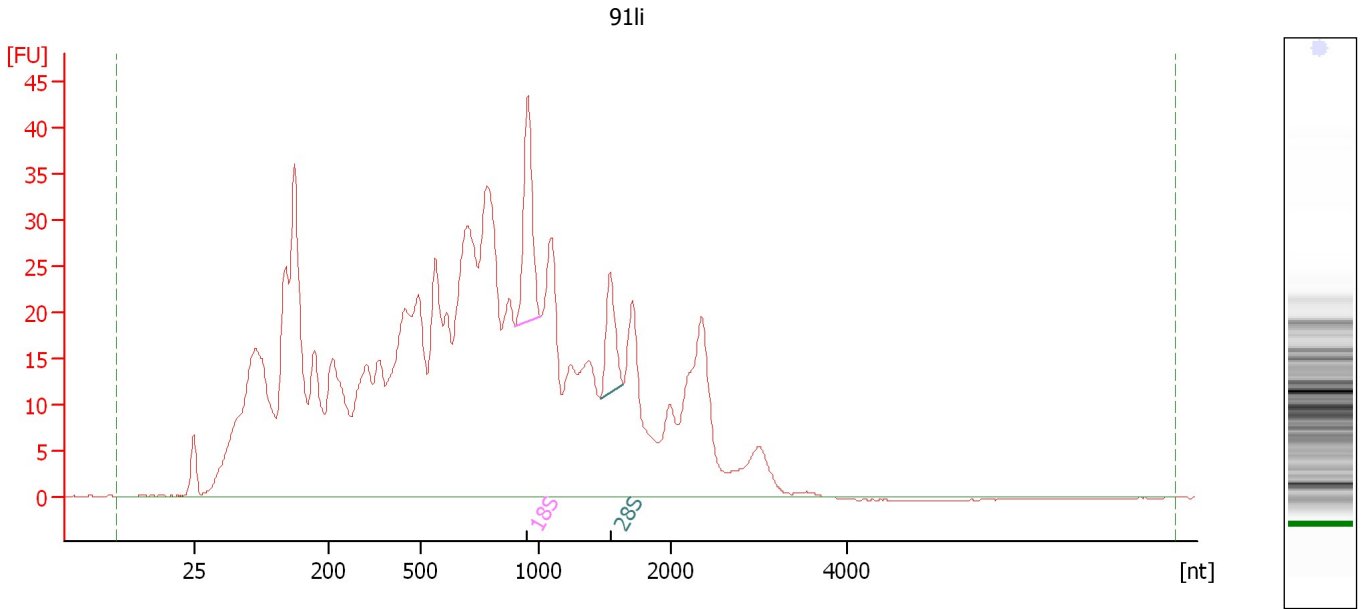
Fragment table for sample 9 : 115li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	888	996	3.7	0.3
28S	1,394	1,626	4.2	0.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 91li

RNA Area:	1,107.6	RNA Integrity Number (RIN):	3.2 (B.02.08)
RNA Concentration:	5,634 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.5	Result Flagging Label:	RIN: 3.20

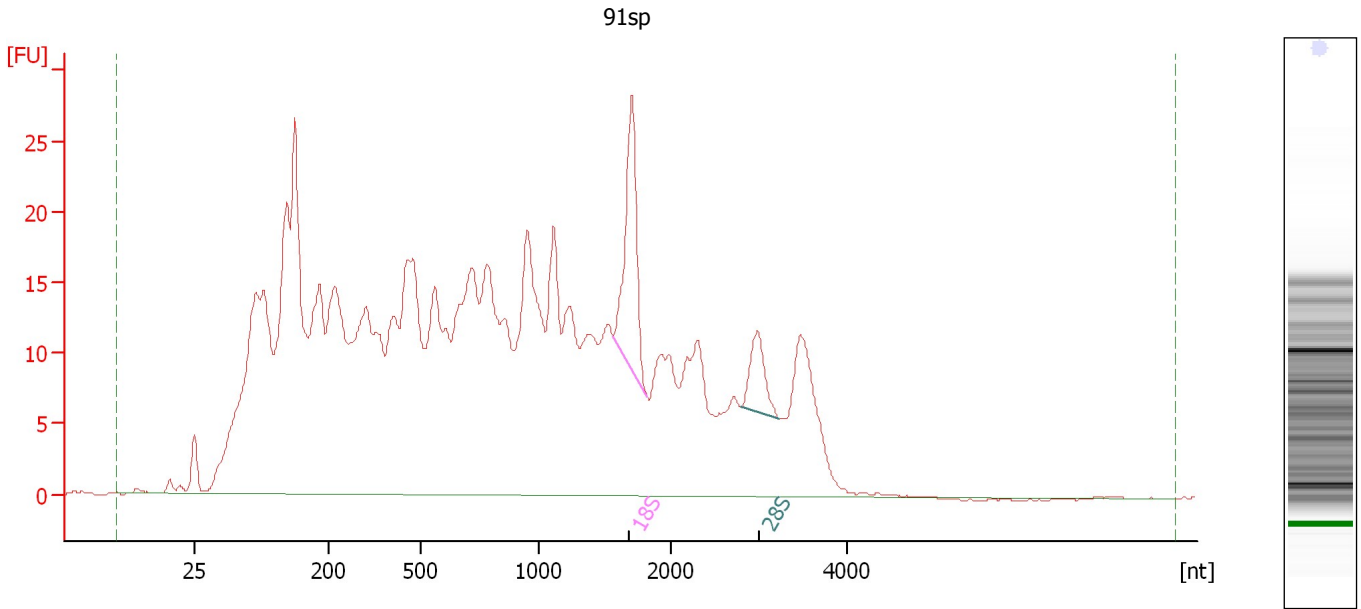
Fragment table for sample 10 : 91li

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	903	1,013	30.1	2.7
28S	1,463	1,640	14.8	1.3

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 91sp

RNA Area:	906.5	RNA Integrity Number (RIN):	3.4 (B.02.08)
RNA Concentration:	4,611 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 3.40

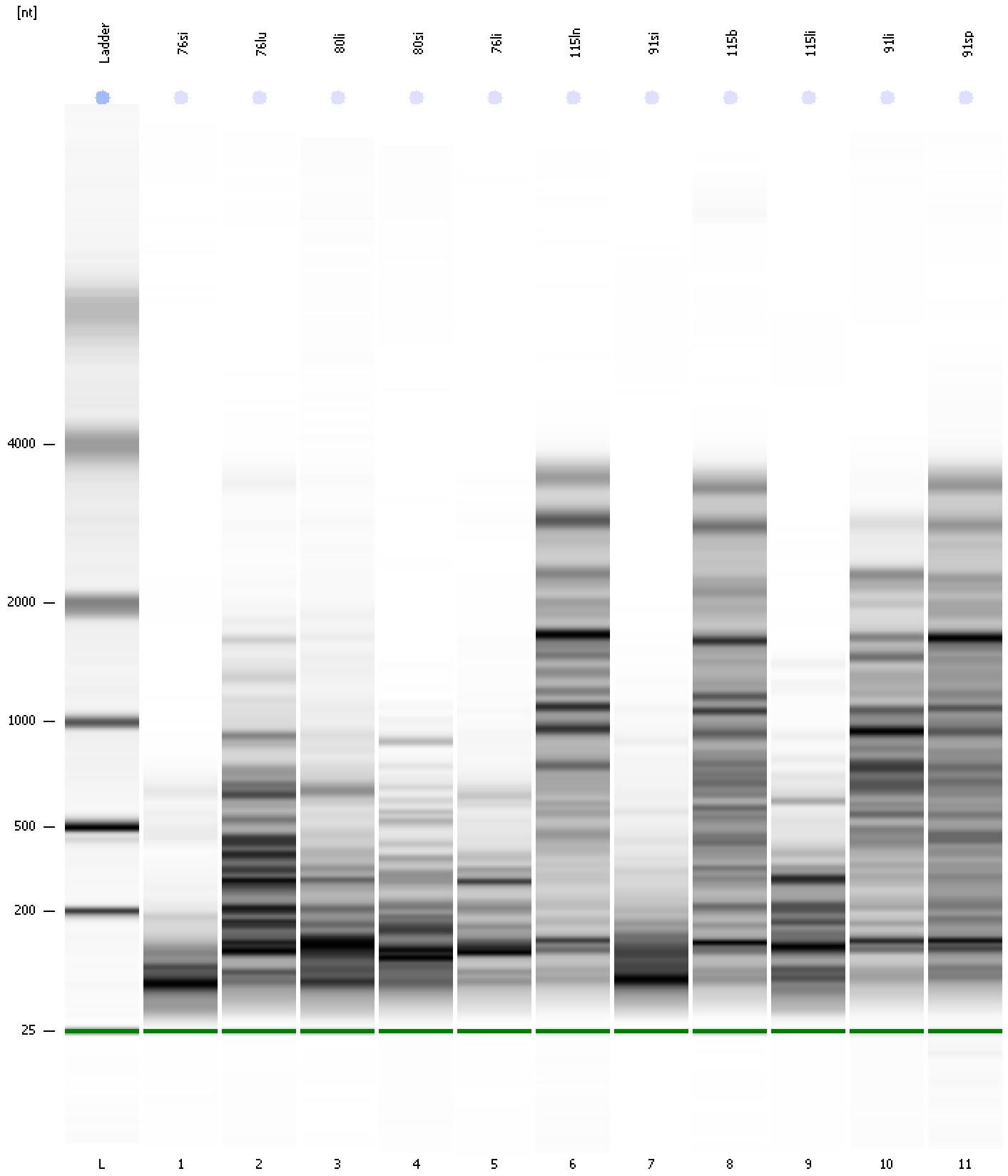
Fragment table for sample 11 : 91sp

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,560	1,817	26.7	2.9
28S	2,790	3,214	8.9	1.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Gel Image



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-07-27\2017-07-27_001.xad

Created: 7/27/2017 9:57:54 AM
Modified: 7/27/2017 10:20:52 AM

Curves

Standard Curve

