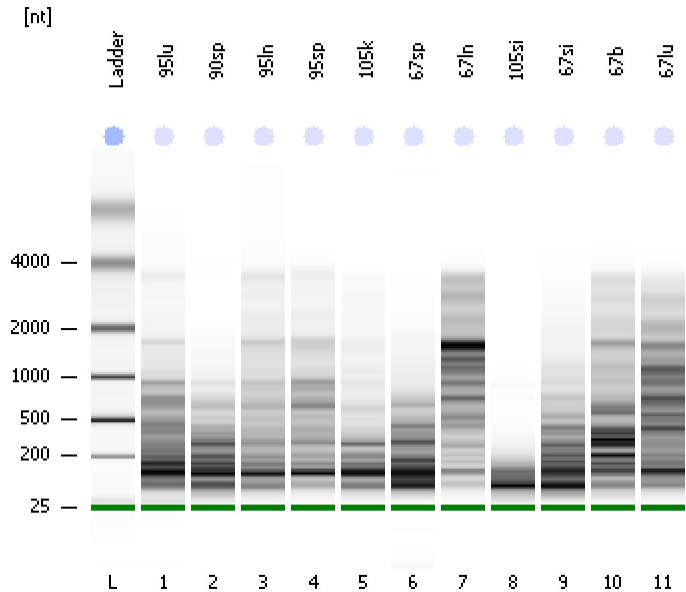


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
Modified: 8/15/2017 10:42:16 AM

Electrophoresis File Run Summary



Instrument Information:

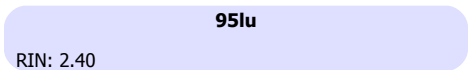
Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

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\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
95lu		✓	RIN: 2.40	
90sp		✓	RIN: 2.10	
95ln		✓	RIN: 2.50	
95sp		✓	RIN: 2.40	
105k		✓	RIN: 2.20	
67sp		✓	RIN: 2.10	
67ln		✓	RIN: 4.20	
105si		✓	RIN: 2.50	
67si		✓	RIN: 2.10	
67b		✓	RIN: 2.60	
67lu		✓	RIN: 2.80	
Ladder		✓	All Other Samples	

Chip Lot #

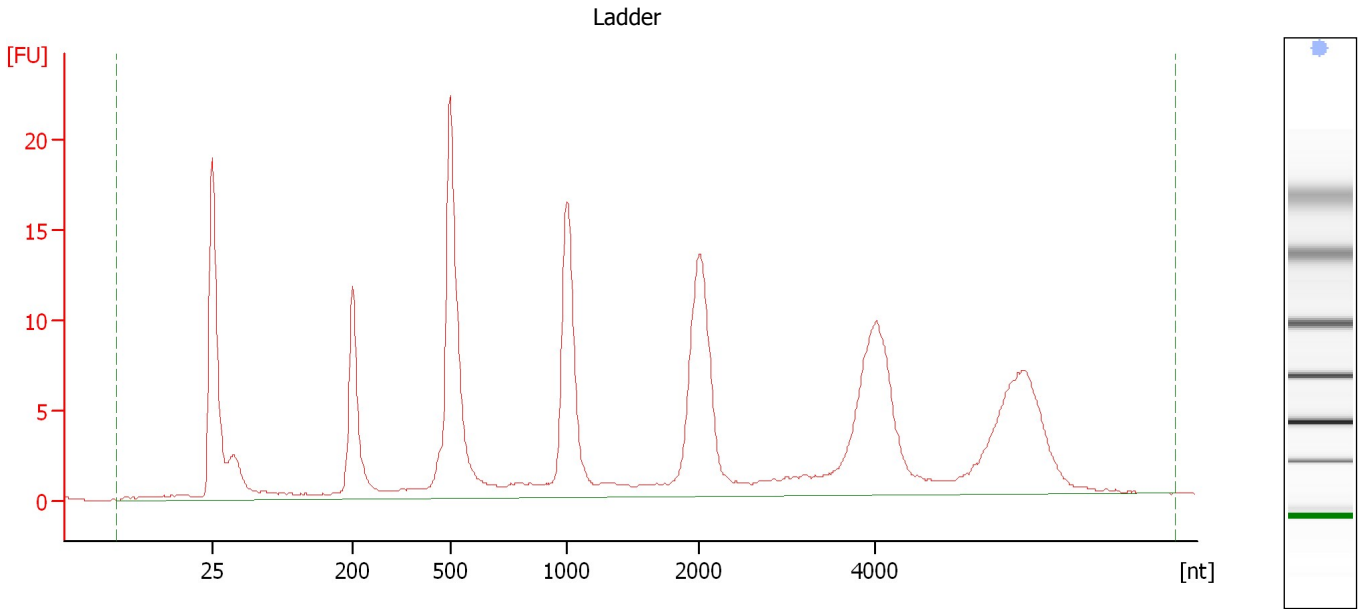
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary



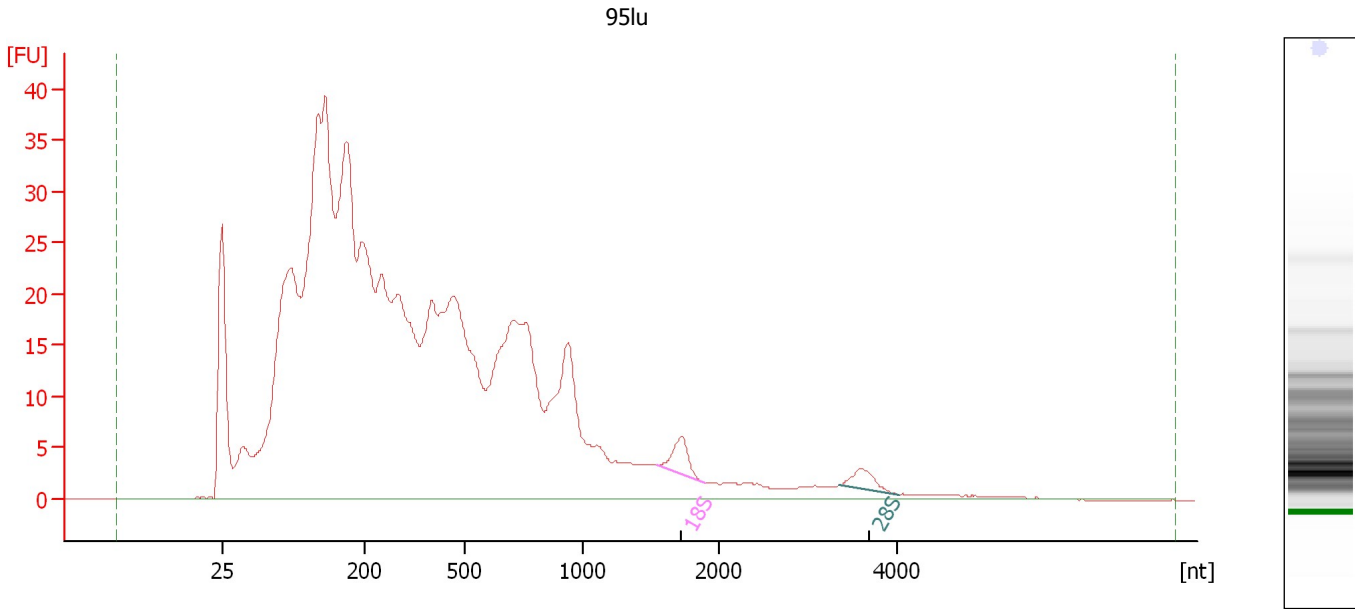
Overall Results for Ladder

RNA Area:	227.8	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\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 1 : 95lu

RNA Area:	960.0	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	4,214 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.7	Result Flagging Label:	RIN: 2.40

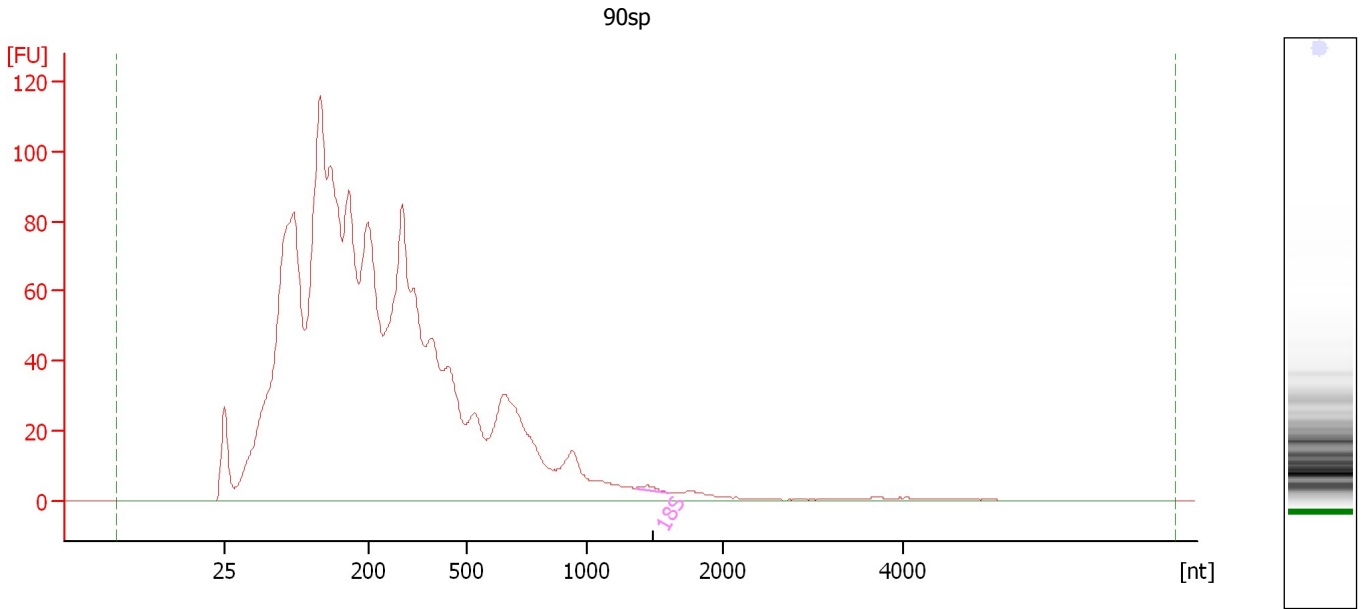
Fragment table for sample 1 : 95lu

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,552	1,908	6.6	0.7
28S	3,349	4,015	4.4	0.5

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 2 : 90sp

RNA Area:	2,313.2	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	10,155 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

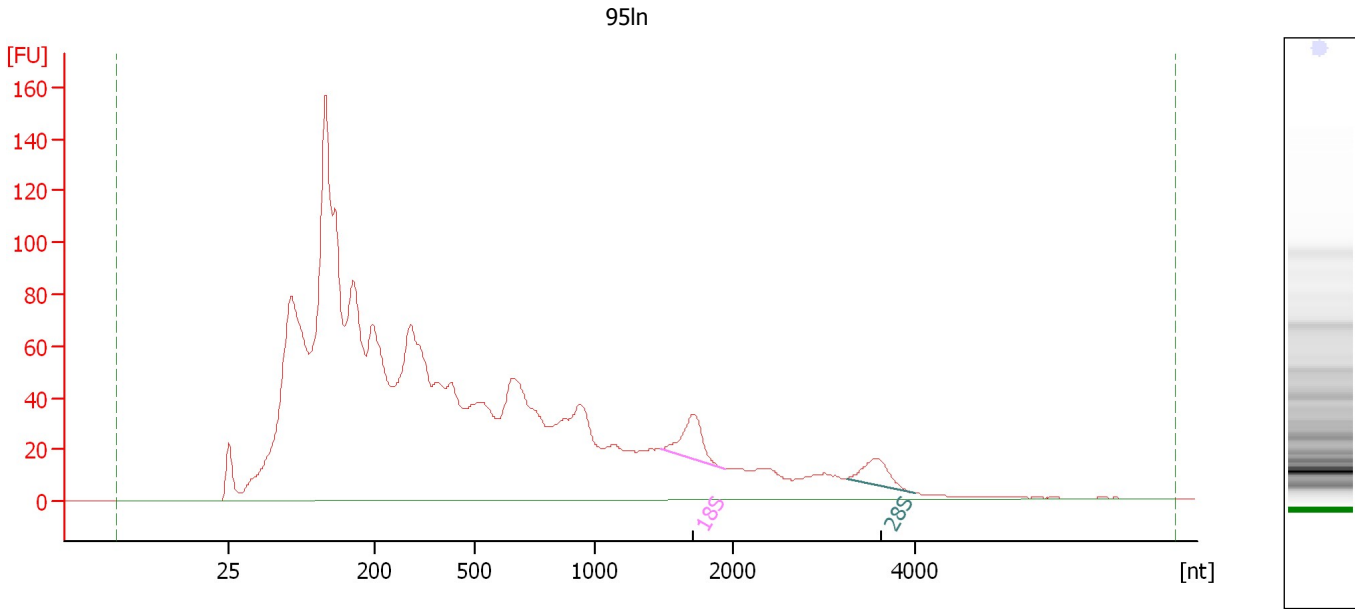
Fragment table for sample 2 : 90sp

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,365	1,609	1.9	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 3 : 95In

RNA Area:	2,916.1	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	12,802 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.6	Result Flagging Label:	RIN: 2.50

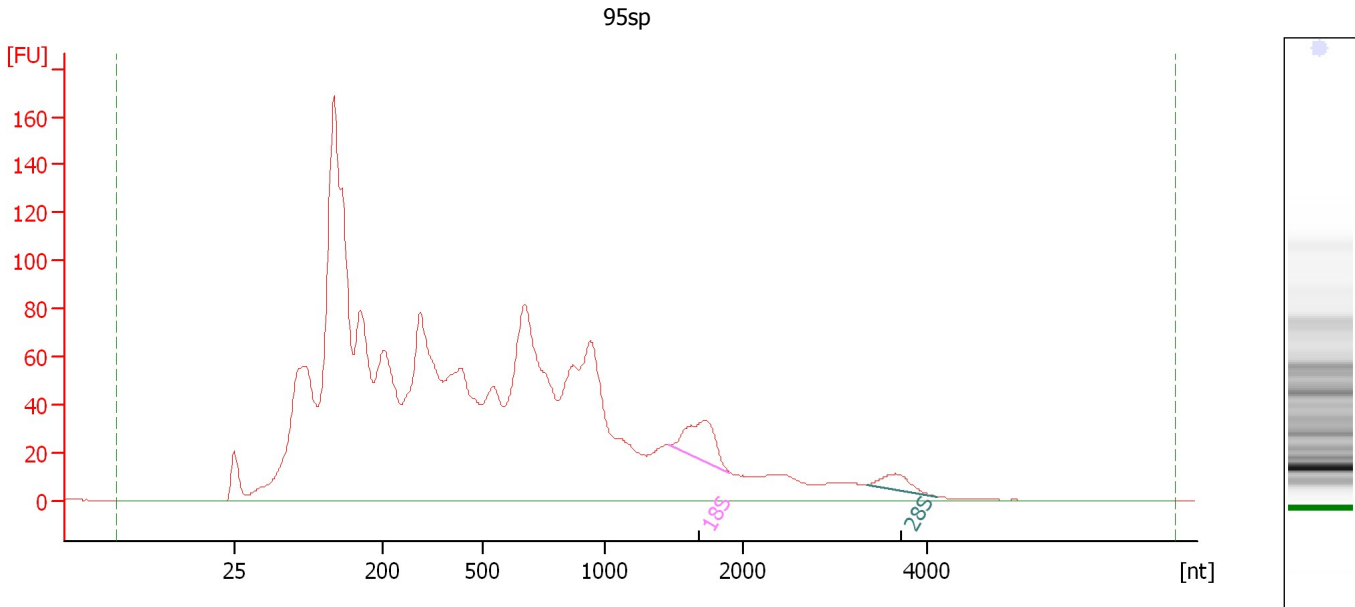
Fragment table for sample 3 : 95In

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,475	1,943	39.5	1.4
28S	3,252	4,003	25.6	0.9

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 4 : 95sp

RNA Area:	3,108.2	RNA Integrity Number (RIN):	2.4 (B.02.08)
RNA Concentration:	13,645 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 2.40

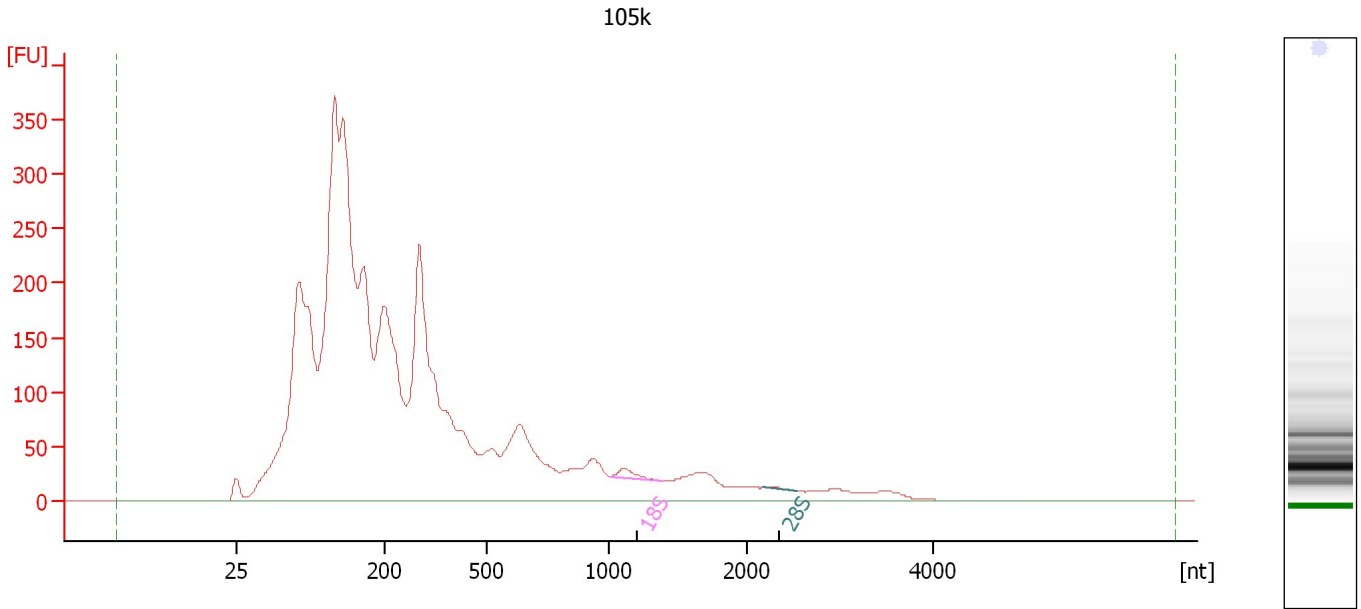
Fragment table for sample 4 : 95sp

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,466	1,899	54.2	1.7
28S	3,335	4,113	18.0	0.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 5 : 105k

RNA Area:	5,792.6	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	25,430 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.2	Result Flagging Label:	RIN: 2.20

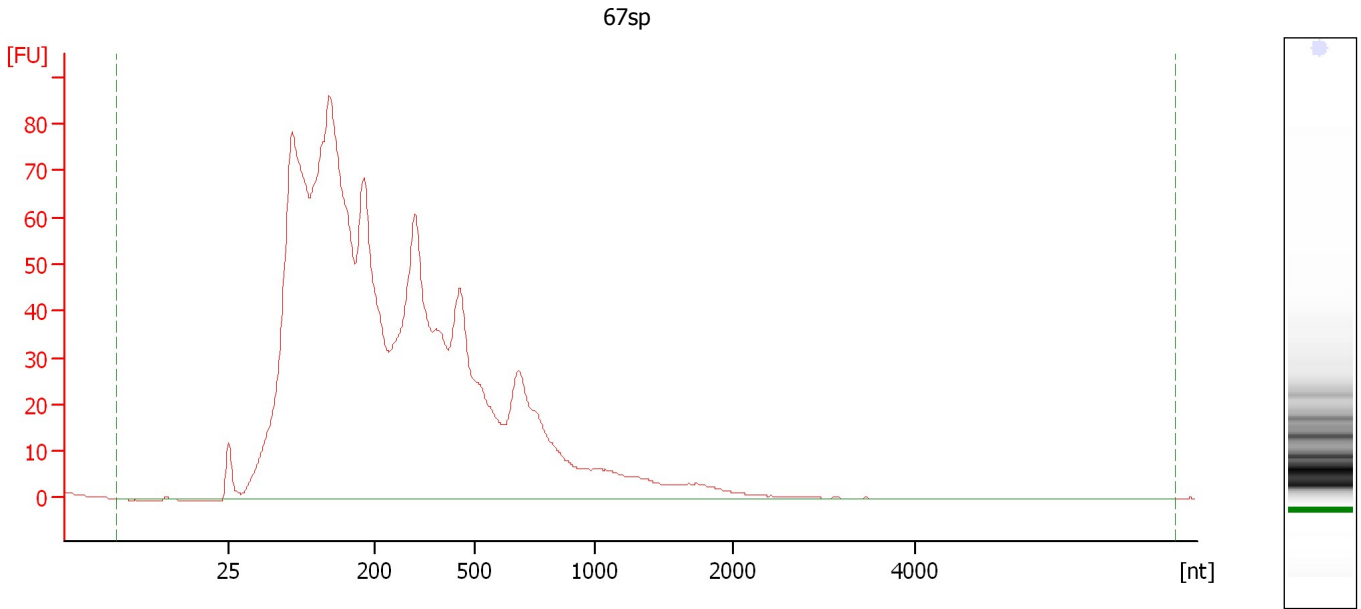
Fragment table for sample 5 : 105k

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,023	1,385	18.0	0.3
28S	2,163	2,533	3.0	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



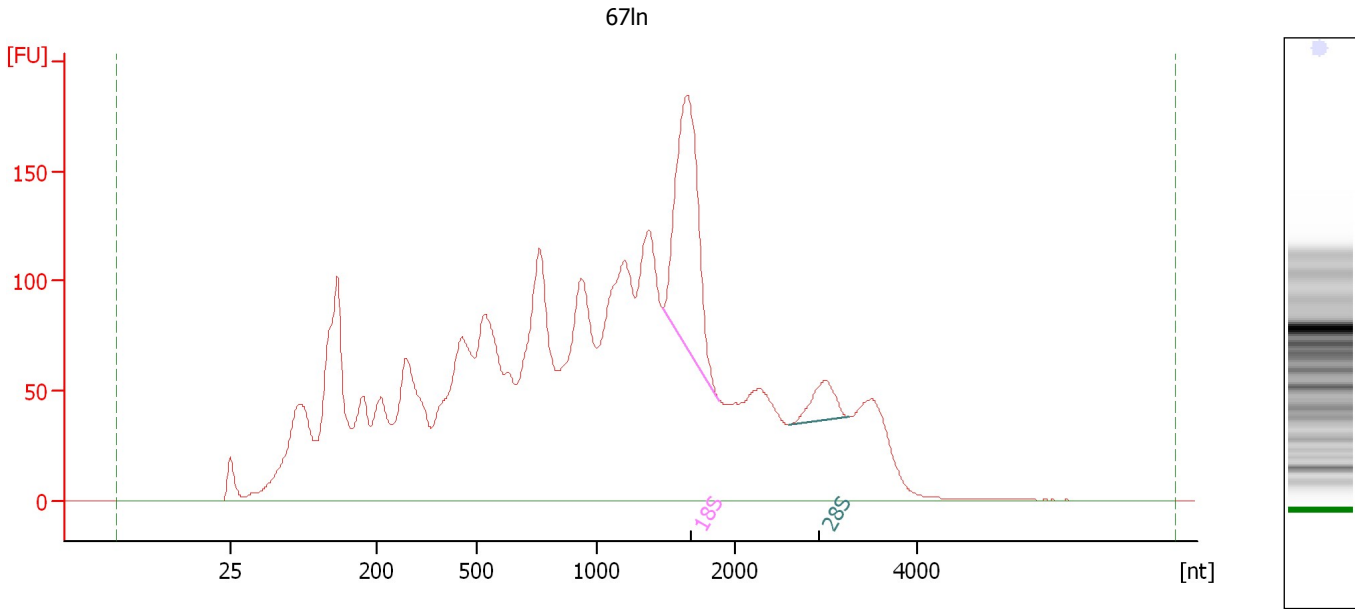
Overall Results for sample 6 : 67sp

RNA Area:	1,892.5	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	8,308 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.10

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

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Electropherogram Summary Continued ...



Overall Results for sample 7 : 67In

RNA Area: 4,575.8 RNA Integrity Number (RIN): 4.2 (B.02.08)
RNA Concentration: 20,088 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.1 Result Flagging Label: RIN: 4.20

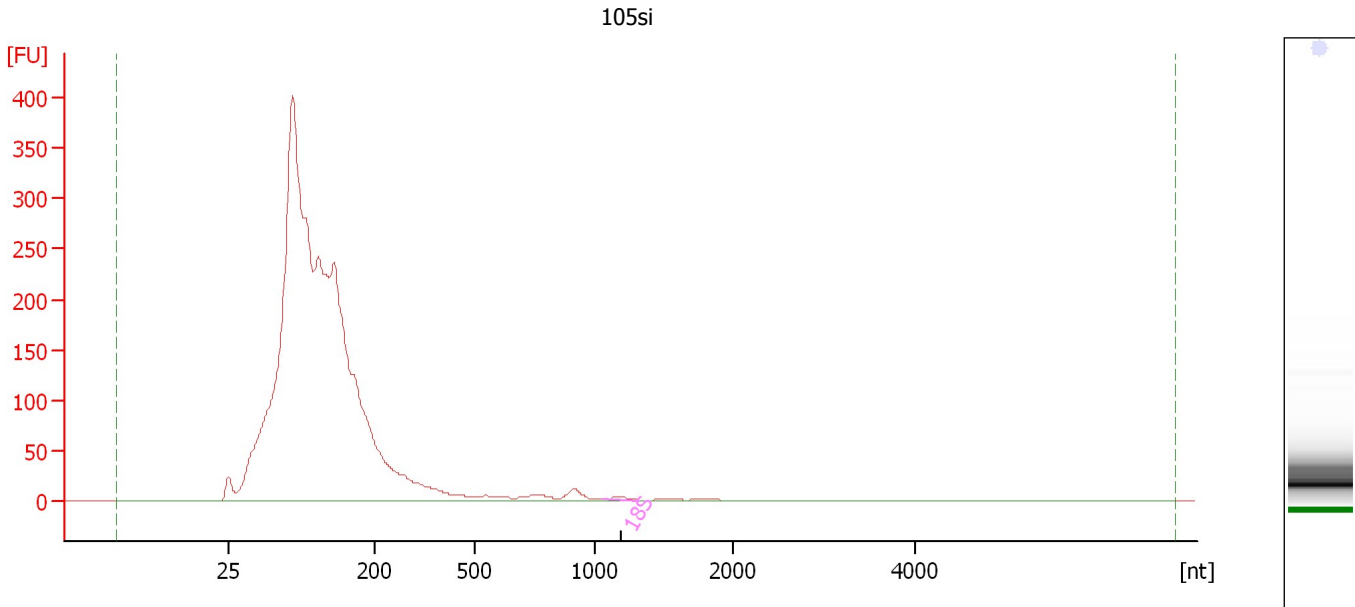
Fragment table for sample 7 : 67In

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,476	1,889	301.2	6.6
28S	2,594	3,250	43.8	1.0

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 8 : 105si

RNA Area:	4,078.8	RNA Integrity Number (RIN):	2.5 (B.02.08)
RNA Concentration:	17,906 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.50

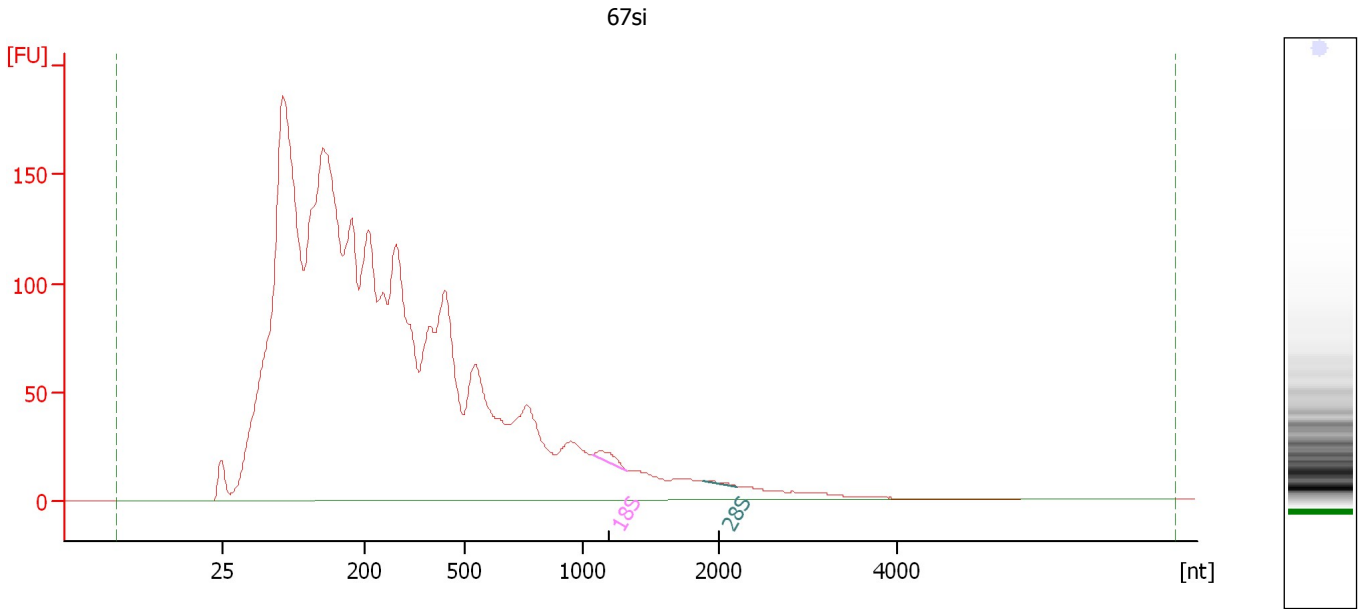
Fragment table for sample 8 : 105si

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,053	1,319	5.1	0.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 9 : 67si

RNA Area:	4,285.7	RNA Integrity Number (RIN):	2.1 (B.02.08)
RNA Concentration:	18,815 pg/ μ l	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.1	Result Flagging Label:	RIN: 2.10

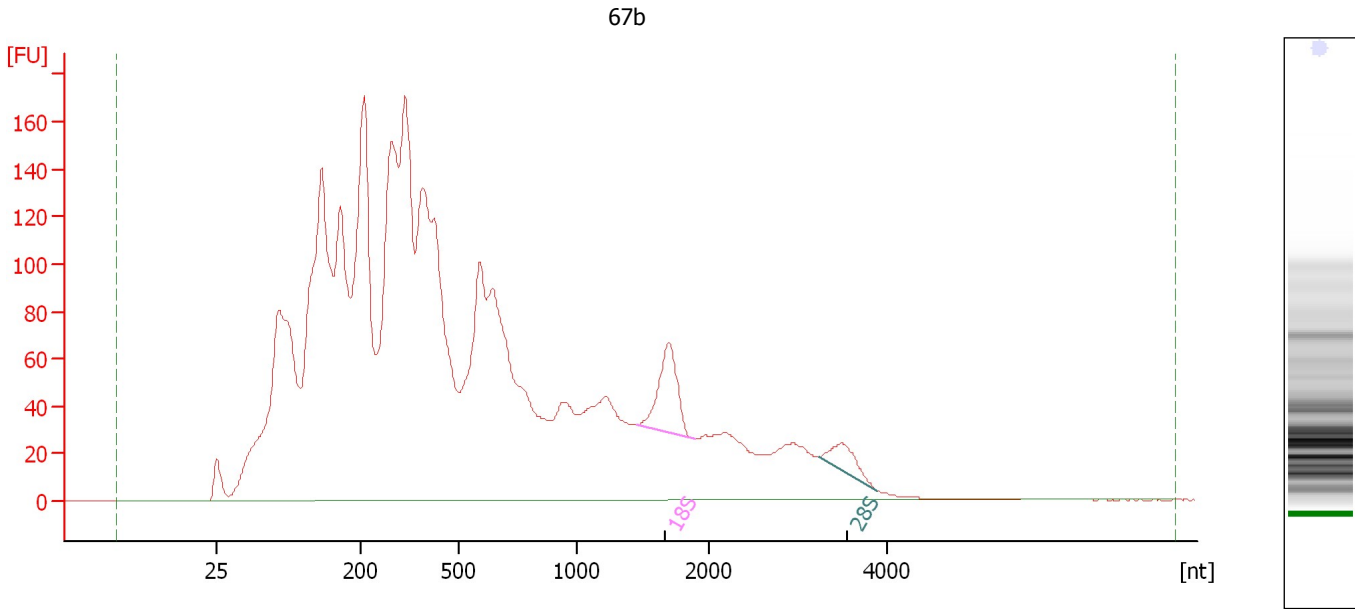
Fragment table for sample 9 : 67si

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,069	1,330	10.0	0.2
28S	1,884	2,219	1.4	0.0

Assay Class: Eukaryote Total RNA Pico
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 10 : 67b

RNA Area:	4,675.2	RNA Integrity Number (RIN):	2.6 (B.02.08)
RNA Concentration:	20,525 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.3	Result Flagging Label:	RIN: 2.60

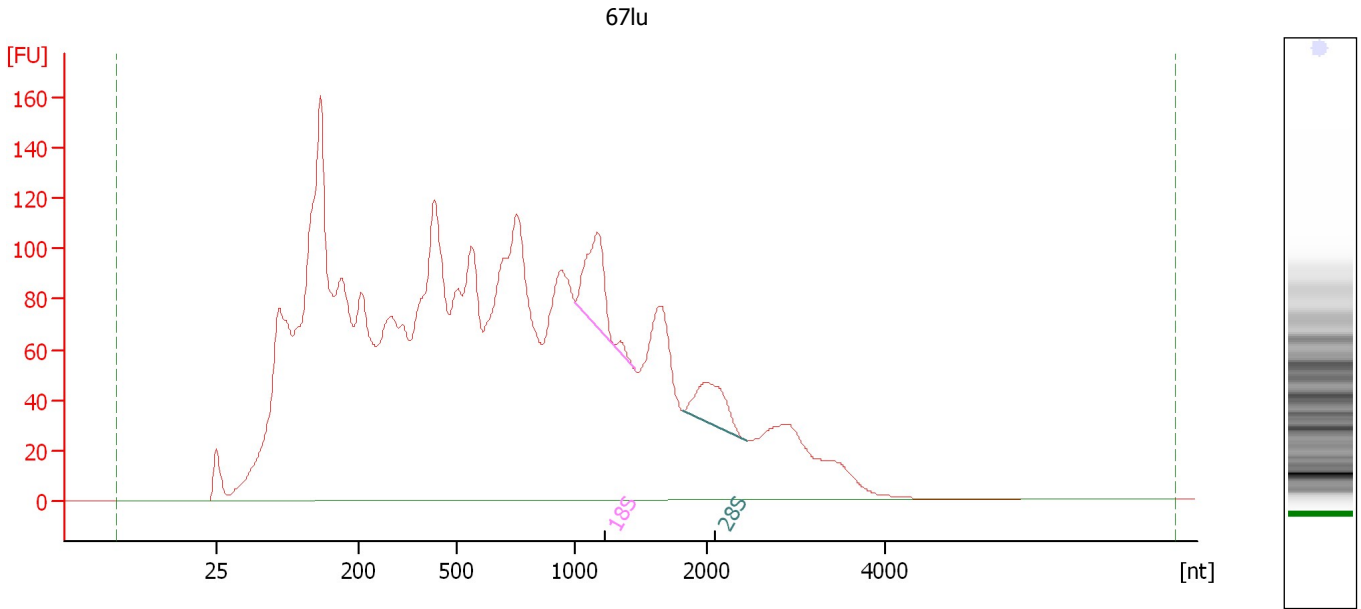
Fragment table for sample 10 : 67b

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,459	1,882	84.6	1.8
28S	3,226	3,886	29.3	0.6

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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Electropherogram Summary Continued ...



Overall Results for sample 11 : 67lu

RNA Area: 4,897.8 RNA Integrity Number (RIN): 2.8 (B.02.08)
RNA Concentration: 21,502 pg/μl Result Flagging Color:
rRNA Ratio [28s / 18s]: 0.6 Result Flagging Label: RIN: 2.80

Fragment table for sample 11 : 67lu

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,009	1,449	88.5	1.8
28S	1,817	2,447	57.0	1.2

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\... bioanalyzer\2100 expert\data\2017-08-15\2017-08-15_004.xad

Created: 8/15/2017 10:20:17 AM
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