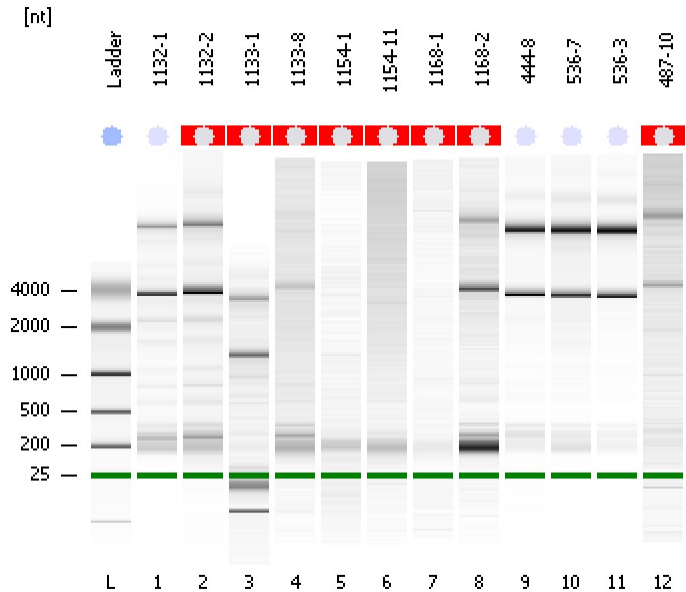


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electrophoresis File Run Summary



Instrument Information:

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

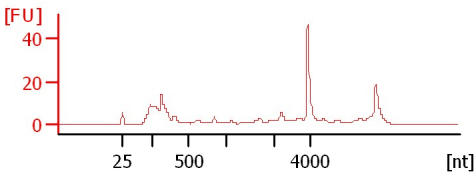
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy
Assay Class: Eukaryote Total RNA Nano
Version: 2.6
Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)
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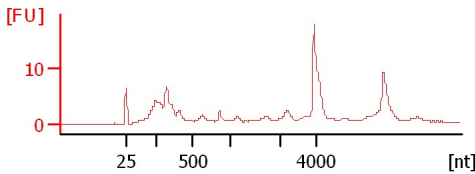
Chip Information:

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

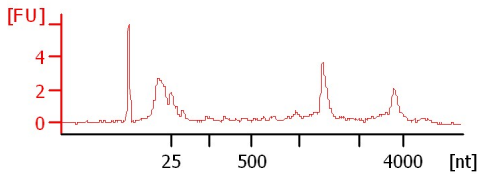
1132-1
RIN:7



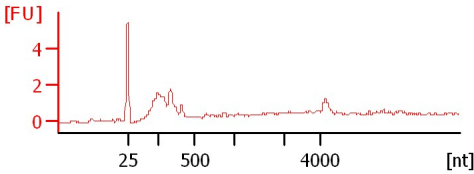
1132-2
RIN N/A



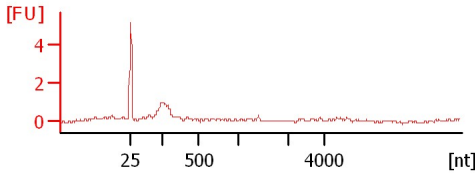
1133-1
RIN N/A



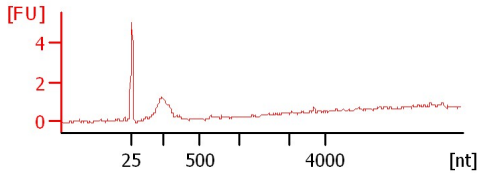
1133-8
RIN N/A



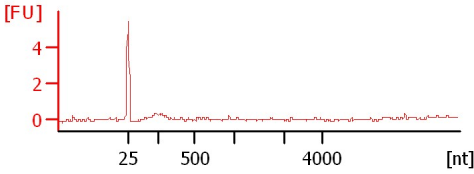
1154-1
RIN N/A



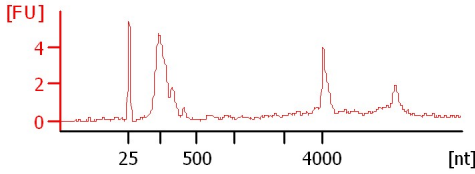
1154-11
RIN N/A



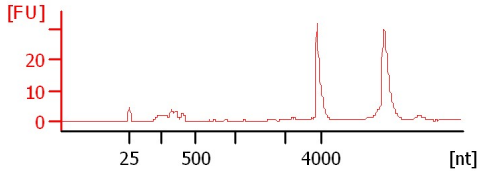
1168-1
RIN N/A



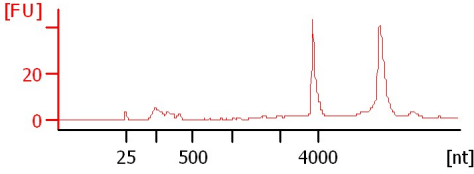
1168-2
RIN N/A



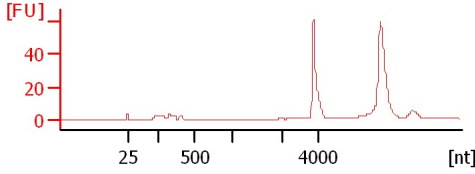
444-8
RIN: 9.80



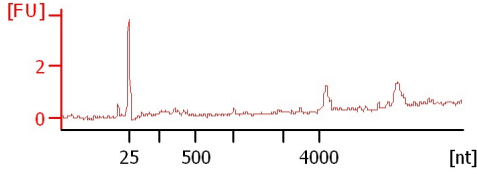
536-7
RIN: 9.60



536-3
RIN:10



487-10
RIN N/A



Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
 Modified: 5/11/2017 3:02:45 PM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
1132-1		✓	RIN:7	
1132-2		✓	RIN N/A	
1133-1		✓	RIN N/A	
1133-8		✓	RIN N/A	
1154-1		✓	RIN N/A	
1154-11		✓	RIN N/A	
1168-1		✓	RIN N/A	
1168-2		✓	RIN N/A	
444-8		✓	RIN: 9.80	
536-7		✓	RIN: 9.60	
536-3		✓	RIN:10	
487-10		✓	RIN N/A	
Ladder		✓	All Other Samples	

Chip Lot #

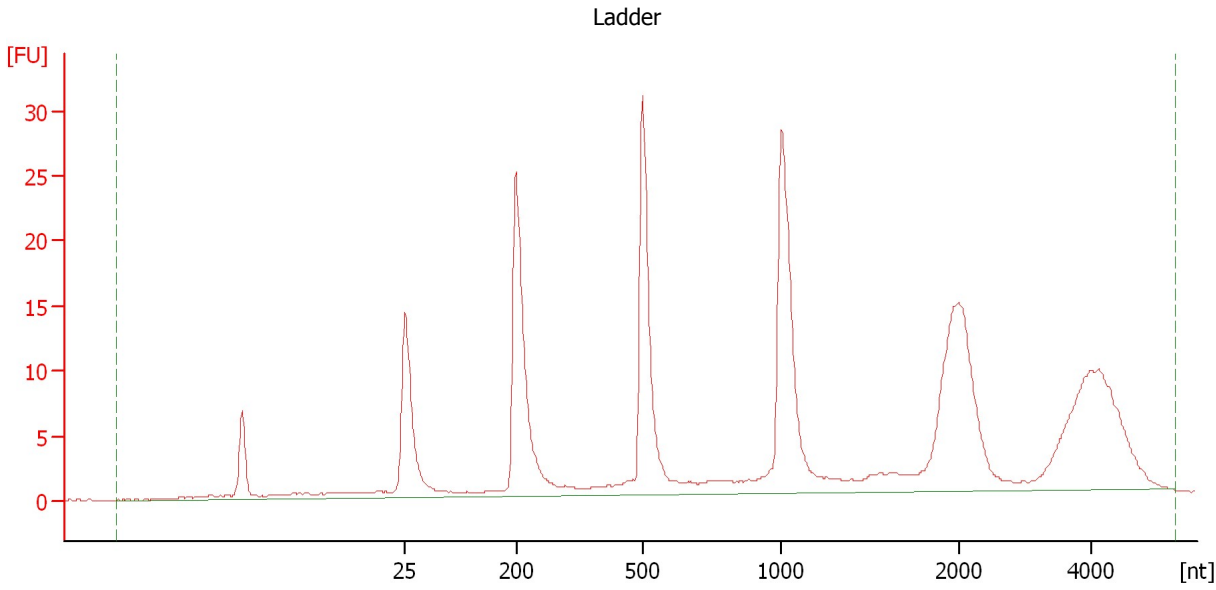
Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary



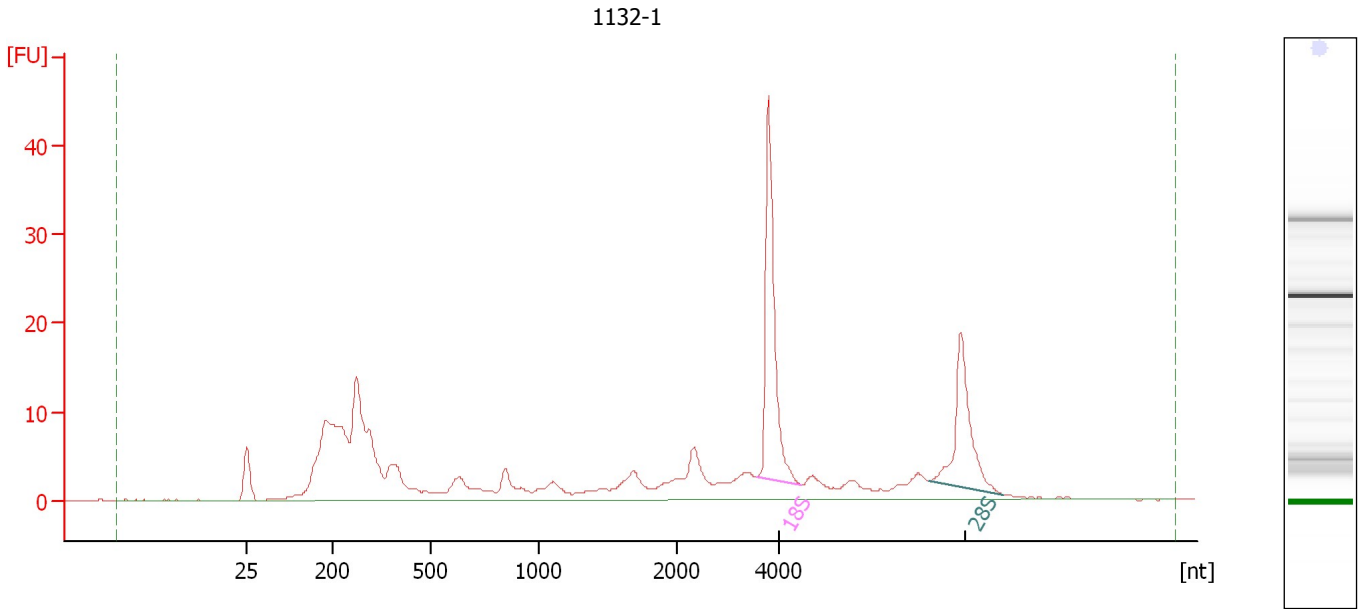
Overall Results for Ladder

RNA Area:	254.5	Result Flagging Color:	
RNA Concentration:	150 ng/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 1 : 1132-1

RNA Area:	266.1	RNA Integrity Number (RIN):	7 (B.02.08)
RNA Concentration:	157 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.6	Result Flagging Label:	RIN:7

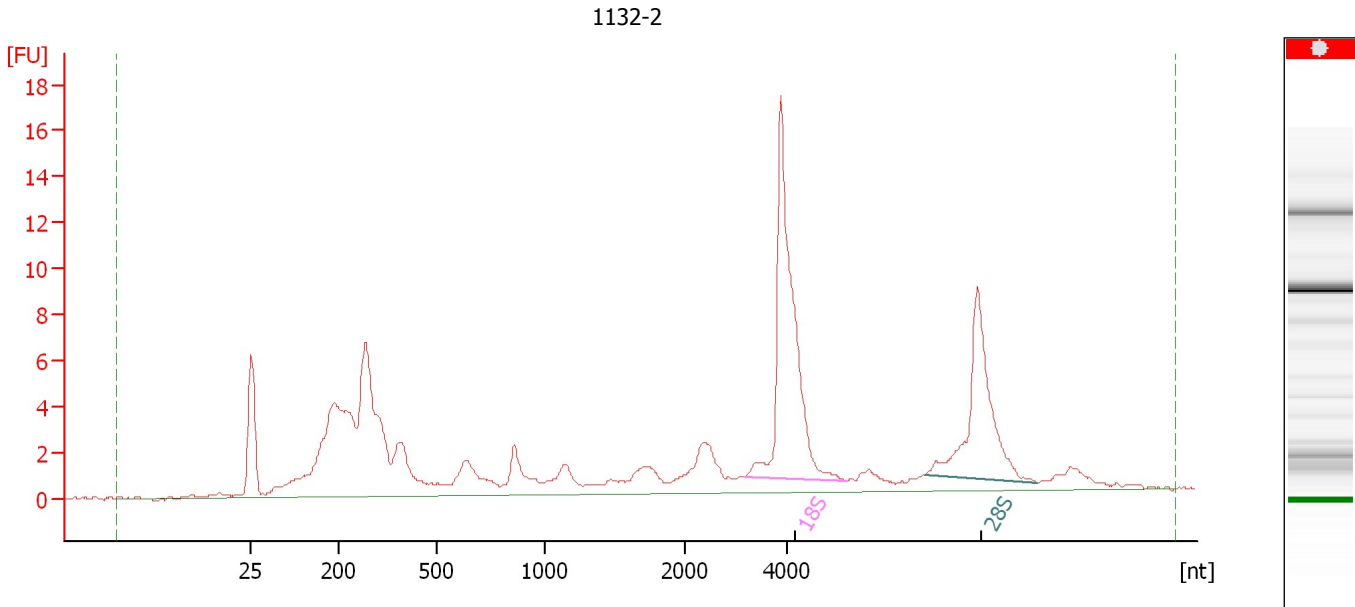
Fragment table for sample 1 : 1132-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,554	4,455	38.7	14.5
28S	6,949	8,417	22.9	8.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 1132-2

RNA Area:	145.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	86 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.6	Result Flagging Label:	RIN N/A

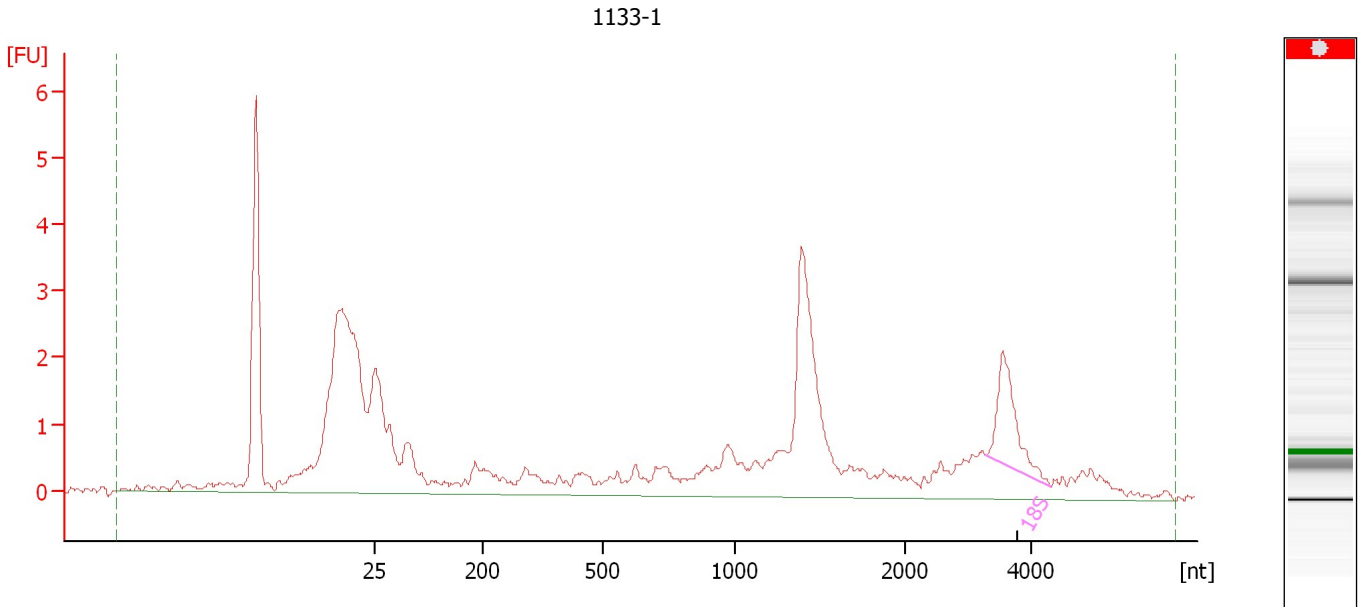
Fragment table for sample 2 : 1132-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,185	5,182	27.8	19.1
28S	6,700	8,863	15.3	10.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 3 : 1133-1

RNA Area:	62.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	37 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

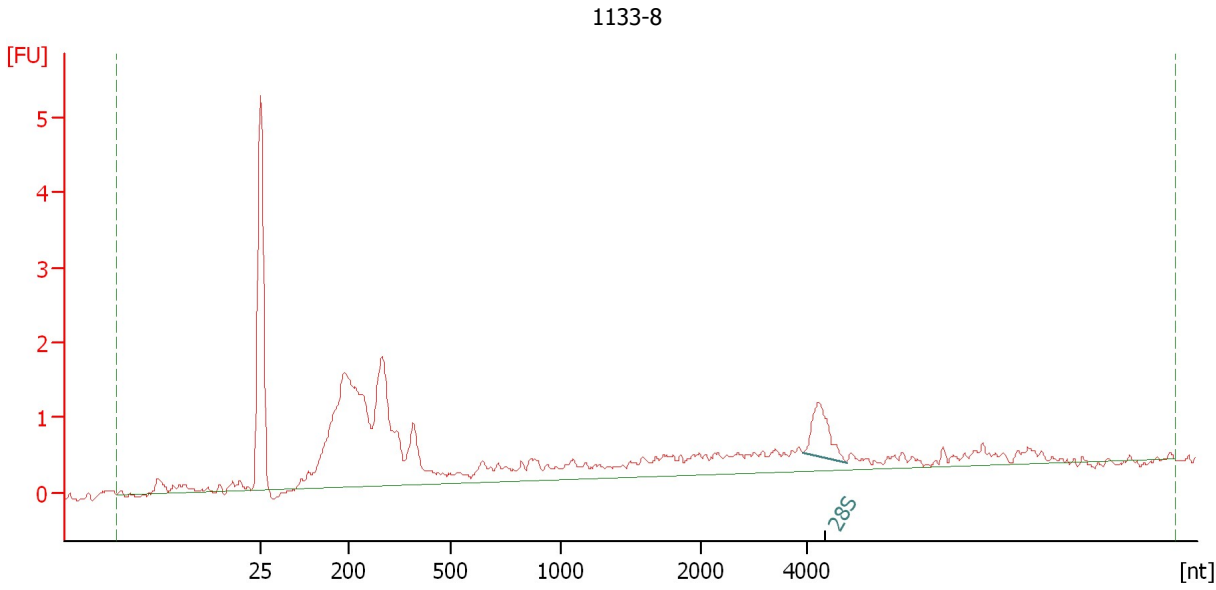
Fragment table for sample 3 : 1133-1

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,273	4,308	2.7	4.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 4 : 1133-8

RNA Area:	28.8	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	17 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

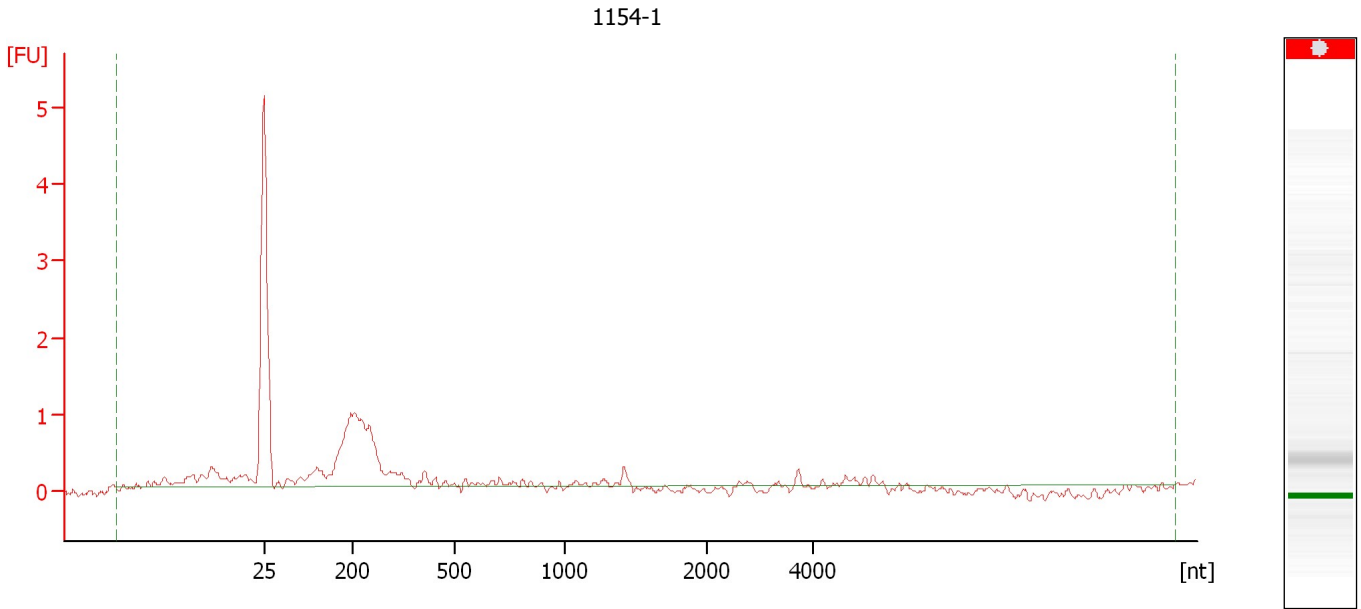
Fragment table for sample 4 : 1133-8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	3,940	4,779	1.3	4.3

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



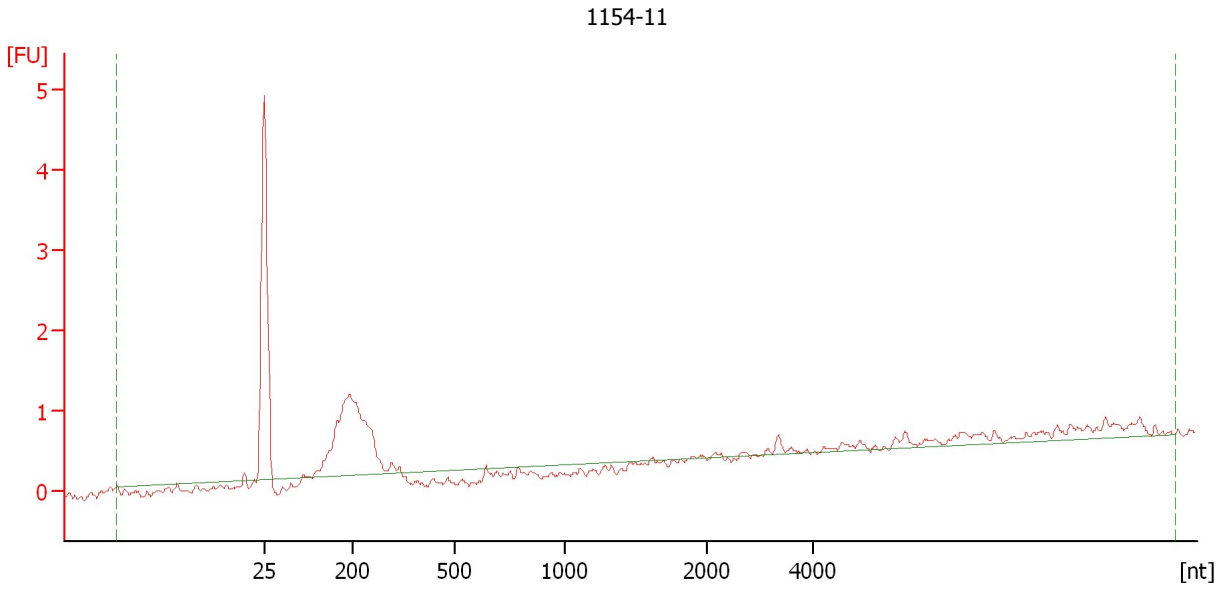
Overall Results for sample 5 : 1154-1

RNA Area:	10.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	6 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



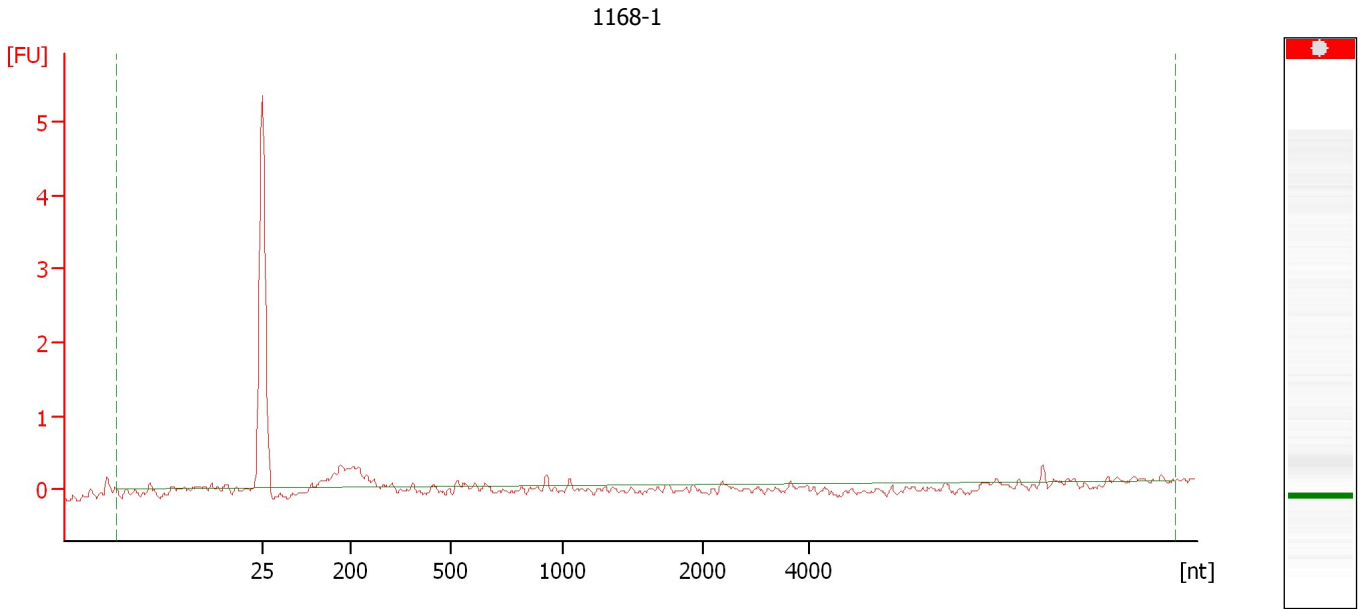
Overall Results for sample 6 : 1154-11

RNA Area:	9.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



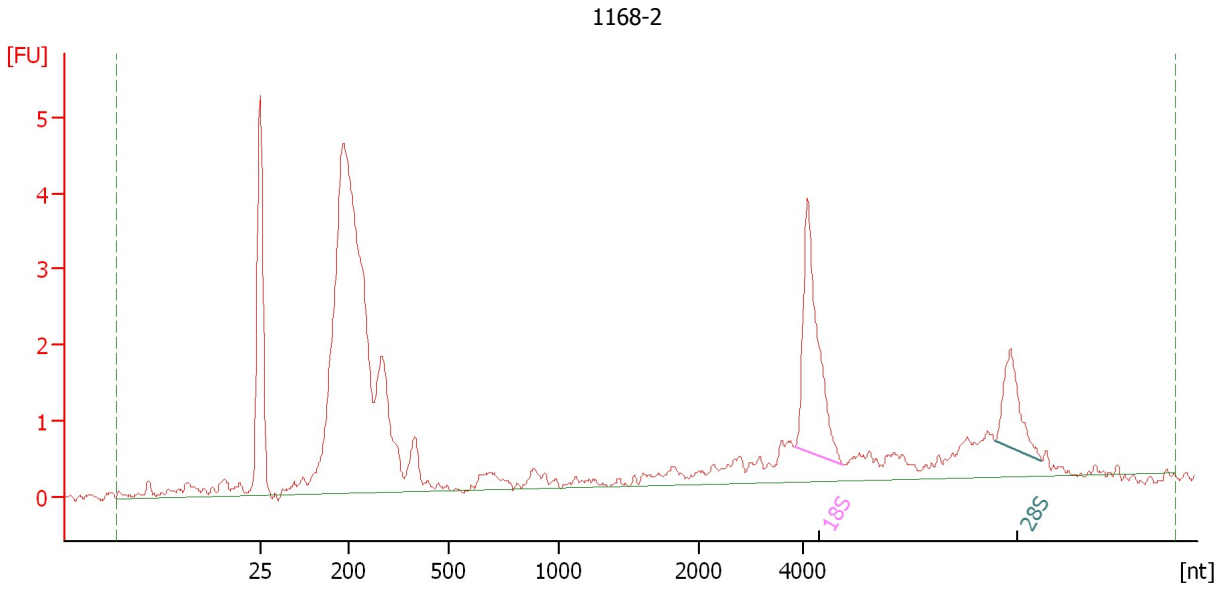
Overall Results for sample 7 : 1168-1

RNA Area:	2.0	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	1 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A


Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 8 : 1168-2

RNA Area:	50.6	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	30 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.4	Result Flagging Label:	RIN N/A

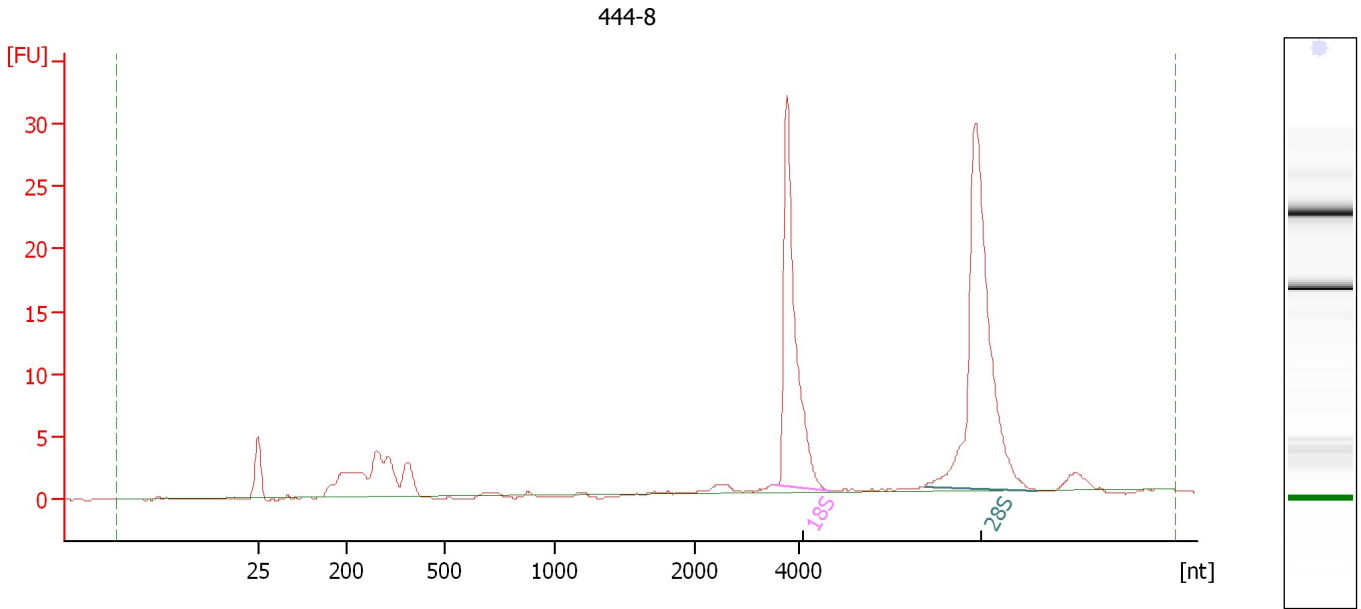
Fragment table for sample 8 : 1168-2

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,817	4,759	5.0	9.9
28S	7,667	8,548	1.8	3.6

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 9 : 444-8

RNA Area:	129.5	RNA Integrity Number (RIN):	9.8 (B.02.08)
RNA Concentration:	76 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.5	Result Flagging Label:	RIN: 9.80

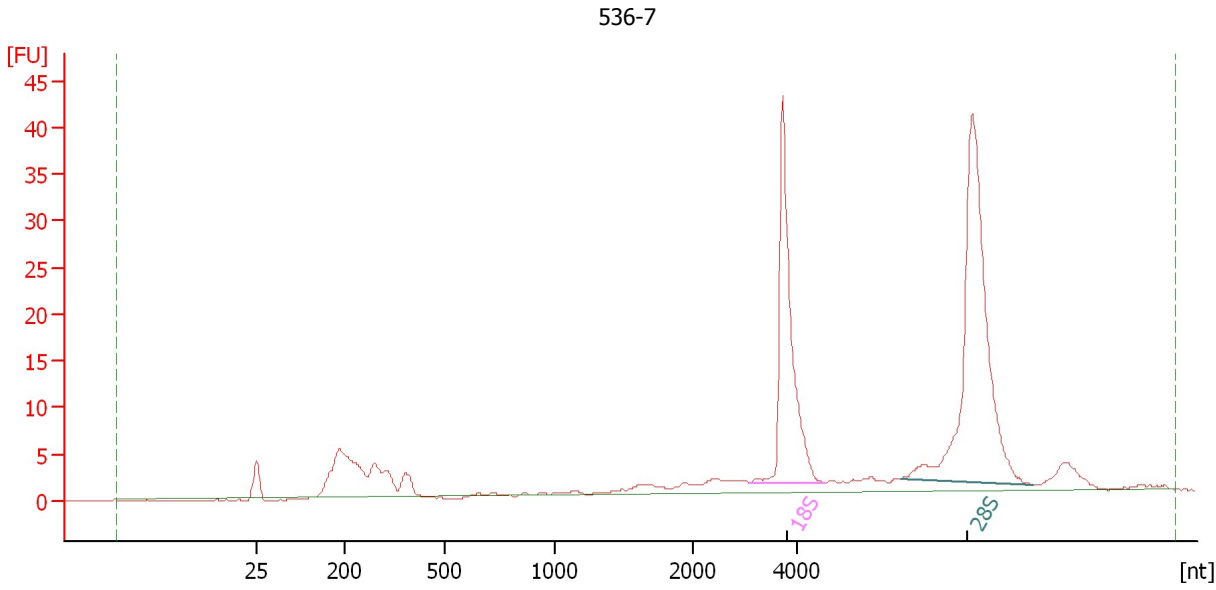
Fragment table for sample 9 : 444-8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,527	4,617	36.1	27.9
28S	6,405	8,585	52.9	40.9

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 536-7

RNA Area:	224.2	RNA Integrity Number (RIN):	9.6 (B.02.08)
RNA Concentration:	132 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN: 9.60

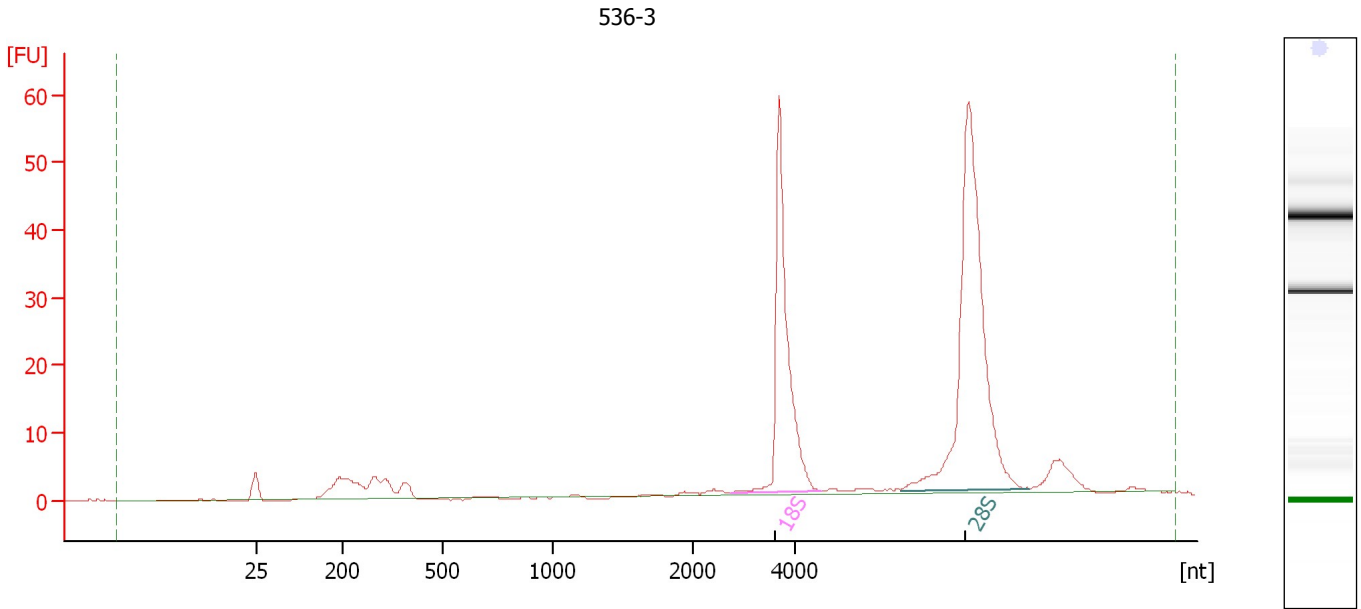
Fragment table for sample 10 : 536-7

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	3,073	4,535	49.5	22.1
28S	5,998	8,531	79.4	35.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 536-3

RNA Area:	243.9	RNA Integrity Number (RIN):	10 (B.02.08)
RNA Concentration:	144 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	1.6	Result Flagging Label:	RIN:10

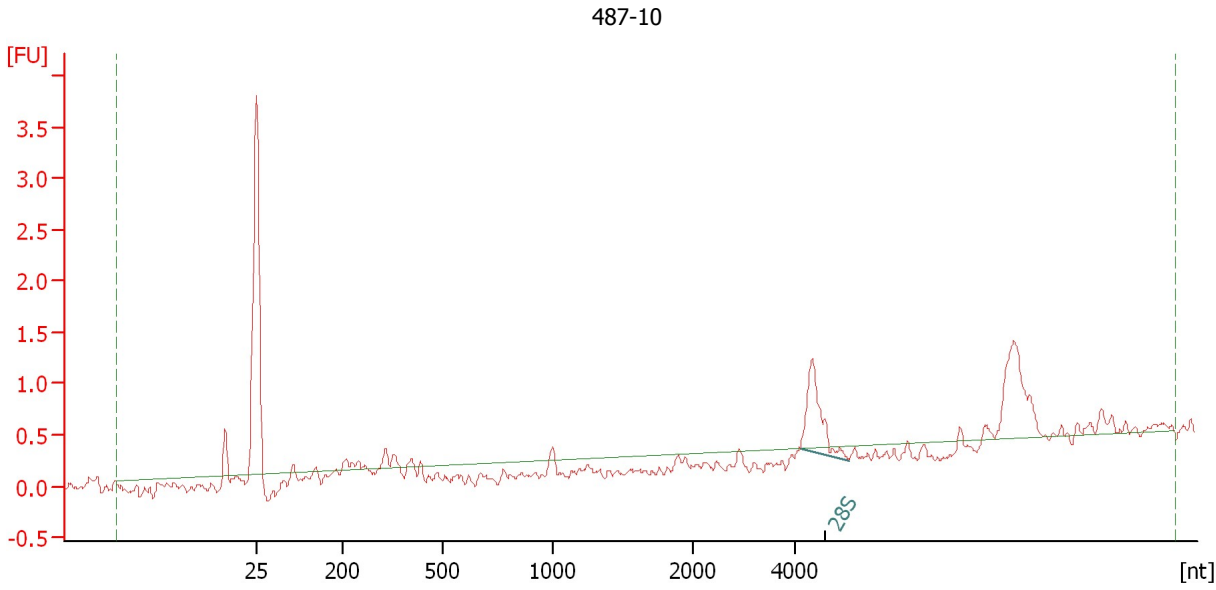
Fragment table for sample 11 : 536-3

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	2,761	4,494	69.9	28.6
28S	6,021	8,519	114.5	47.0

Assay Class: Eukaryote Total RNA Nano
 Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
 Modified: 5/11/2017 3:02:45 PM

Electropherogram Summary Continued ...



Overall Results for sample 12 : 487-10

RNA Area:	4.4	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	3 ng/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Fragment table for sample 12 : 487-10

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
28S	4,102	5,051	1.3	29.4

Assay Class: Eukaryote Total RNA Nano
Data Path: C:\... bioanalyzer\2100 expert\data\2017-05-11\2017-05-11_004.xad

Created: 5/11/2017 2:38:58 PM
Modified: 5/11/2017 3:02:45 PM

Gel Image

