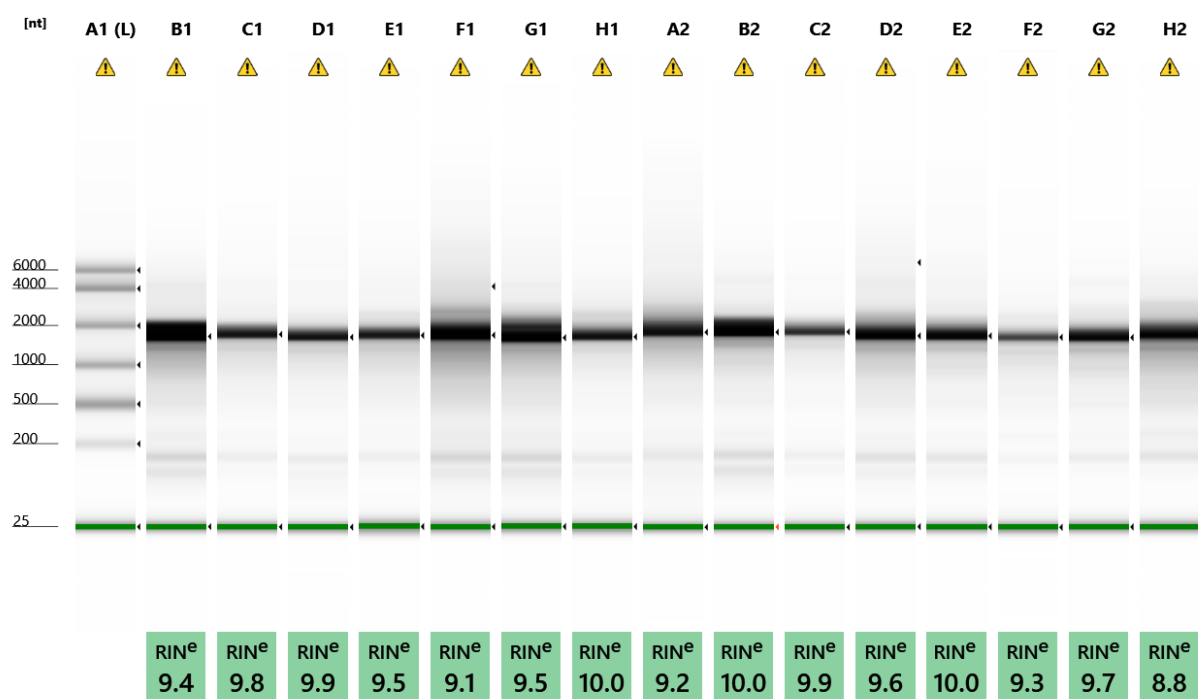


Filename: 2021-06-25 - 15.35.23.RNA



Default image (Contrast 100%)

Sample Info

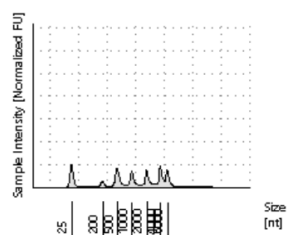
Well	RIN ^e	28S/18S (Area)	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	-	115	Ladder	⚠	Caution! Expired ScreenTape device; Ladder
B1	9.4	-	302	n73g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
C1	9.8	-	116	n83g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
D1	9.9	-	116	n93g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
E1	9.5	-	92.7	g13g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
F1	9.1	0.1	283	g23g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
G1	9.5	-	238	g43g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
H1	10.0	-	106	b13g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
A2	9.2	-	202	b23g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

B2	10.0	-	243	k13g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
C2	9.9	-	84.5	k23g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
D2	9.6	0.0	211	m13g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
E2	10.0	-	157	m23g	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
F2	9.3	-	74.8	h1ml	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
G2	9.7	-	135	h2ml	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded
H2	8.8	-	195	h3ml	⚠	Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

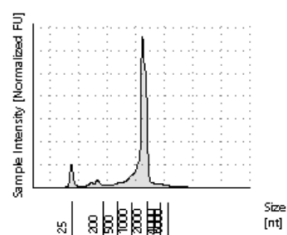
Compact Peak Table

Well	Sample Description	Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	Peak Molarity [nmol/l]	% Integrated Area	Peak Comment	Observations
A1	Ladder	25	40.0	40.0	4710	-		Lower Marker
A1	Ladder	200	6.85	-	101	6.67		
A1	Ladder	500	22.8	-	134	22.26		
A1	Ladder	1000	17.6	-	51.7	17.12		
A1	Ladder	2000	18.4	-	27.1	17.96		
A1	Ladder	4000	21.0	-	15.5	20.48		
A1	Ladder	6000	15.9	-	7.81	15.51		
B1	n73g	25	40.0	40.0	4710	-		Lower Marker
B1	n73g	1654	136	-	242	100.00		18S
C1	n83g	25	40.0	40.0	4710	-		Lower Marker
C1	n83g	1723	78.5	-	134	100.00		18S
D1	n93g	25	40.0	40.0	4710	-		Lower Marker
D1	n93g	1636	76.3	-	137	100.00		18S
E1	g13g	25	40.0	40.0	4710	-		Lower Marker
E1	g13g	1680	56.9	-	99.7	100.00		18S
F1	g23g	25	40.0	40.0	4710	-		Lower Marker
F1	g23g	1690	162	-	282	93.78		18S
F1	g23g	4202	10.7	-	7.52	6.22		28S
G1	g43g	25	40.0	40.0	4710	-		Lower Marker
G1	g43g	1613	113	-	206	100.00		18S
H1	b13g	25	40.0	40.0	4710	-		Lower Marker
H1	b13g	1642	70.5	-	126	100.00		18S
A2	b23g	25	40.0	40.0	4710	-		Lower Marker
A2	b23g	1790	121	-	200	100.00		18S
B2	k13g	25	40.0	40.0	4710	-		Lower Marker
B2	k13g	1789	126	-	207	100.00		18S
C2	k23g	25	40.0	40.0	4710	-		Lower Marker
C2	k23g	1802	57.7	-	94.1	100.00		18S
D2	m13g	25	40.0	40.0	4710	-		Lower Marker
D2	m13g	1670	133	-	234	96.16		18S
D2	m13g	7115	5.31	-	2.19	3.84		28S
E2	m23g	25	40.0	40.0	4710	-		Lower Marker
E2	m23g	1671	108	-	191	100.00		18S
F2	h1ml	25	40.0	40.0	4710	-		Lower Marker
F2	h1ml	1642	42.8	-	76.6	100.00		18S
G2	h2ml	25	40.0	40.0	4710	-		Lower Marker
G2	h2ml	1627	91.1	-	165	100.00		18S
H2	h3ml	25	40.0	40.0	4710	-		Lower Marker
H2	h3ml	1707	116	-	199	100.00		18S

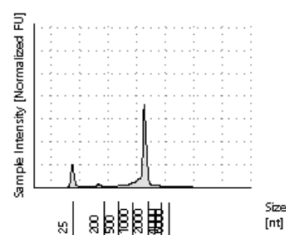
A1: Ladder



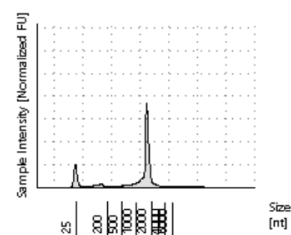
B1: n73g



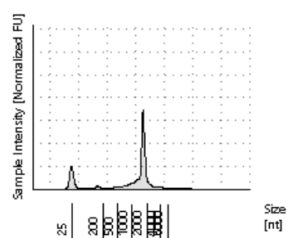
C1: n83g



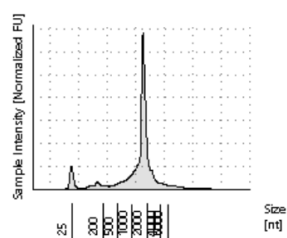
D1: n93g



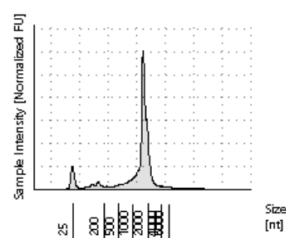
E1: g13g



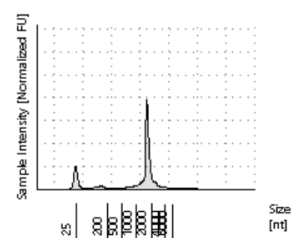
F1: g23g



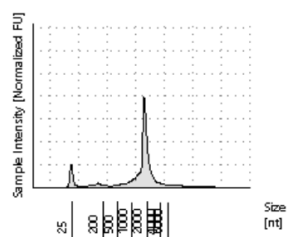
G1: g43g



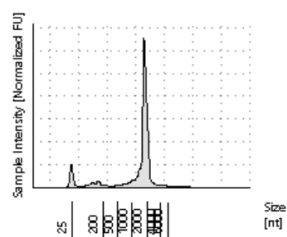
H1: b13g



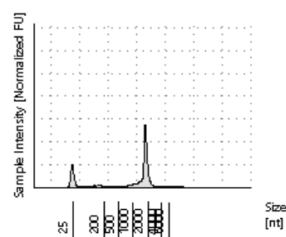
A2: b23g



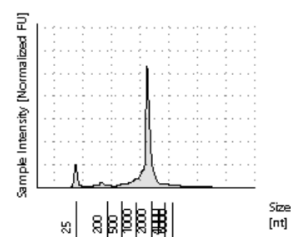
B2: k13g



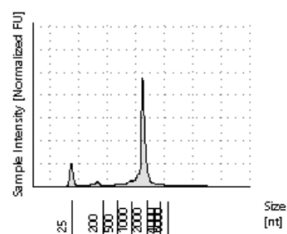
C2: k23g



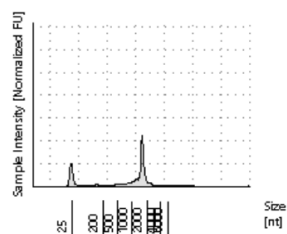
D2: m13g



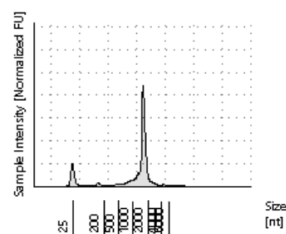
E2: m23g



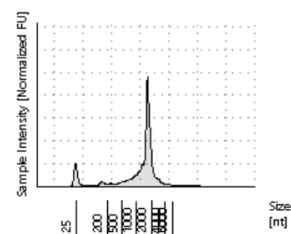
F2: h1m1



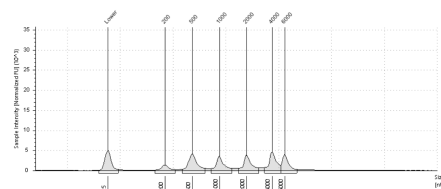
G2: h2m1



H2: h3m1



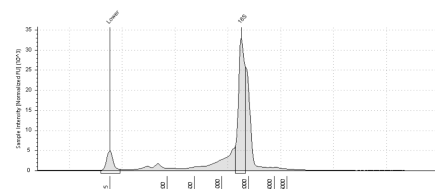
Peak: A1: Ladder



Location A1
RI Ne -
UpperLowerSArea -
Concentration 115
Description Ladder
Alert ⚠
Observations Caution! Expired ScreenTape device; Ladder

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
200	6.85	-	101	6.67		
500	22.8	-	134	22.26		
1000	17.6	-	51.7	17.12		
2000	18.4	-	27.1	17.96		
4000	21.0	-	15.5	20.48		
6000	15.9	-	7.81	15.51		

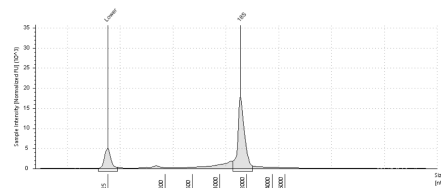
Peak: B1: n73g



Location B1
RI Ne 9.4 ●
UpperLowerSArea -
Concentration 302
Description n73g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1654	136	-	242	100.00		18S

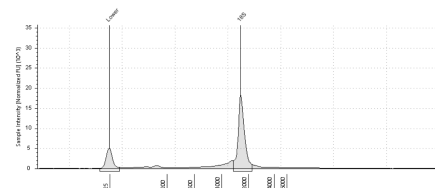
Peak: C1: n83g



Location C1
RI Ne 9.8 ●
UpperLowerSArea -
Concentration 116
Description n83g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1723	78.5	-	134	100.00		18S

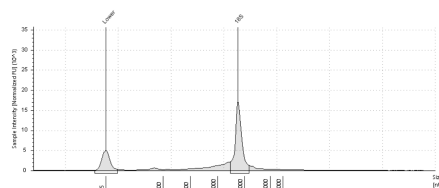
Peak: D1: n93g



Location D1
RI Ne 9.9 ●
UpperLowerSArea -
Concentration 116
Description n93g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1636	76.3	-	137	100.00		18S

Peak: E1: g13g

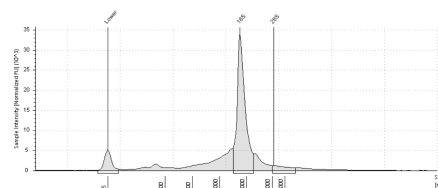


Location
RINe
UpperSLowerSArea
Concentration
Description
Alert
Observations

E1
9.5 ●
-
92.7
g13g
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1680	56.9	-	99.7	100.00		18S

Peak: F1: g23g

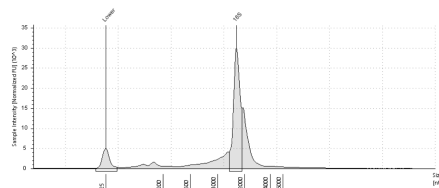


Location
RINe
UpperSLowerSArea
Concentration
Description
Alert
Observations

F1
9.1 ●
0.1
283
g23g
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1690	162	-	282	93.78		18S
4202	10.7	-	7.52	6.22		28S

Peak: G1: g43g

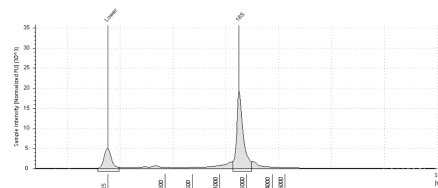


Location
RINe
UpperSLowerSArea
Concentration
Description
Alert
Observations

G1
9.5 ●
-
238
g43g
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1613	113	-	206	100.00		18S

Peak: H1: b13g

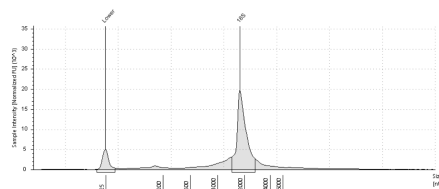


Location
RINe
UpperSLowerSArea
Concentration
Description
Alert
Observations

H1
10.0 ●
-
106
b13g
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1642	70.5	-	126	100.00		18S

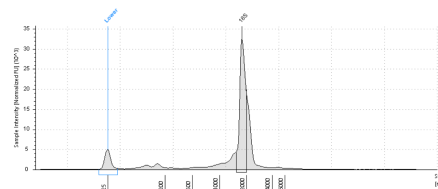
Peak: A2: b23g



Location A2
Rt 9.2 ●
UpperS LowerS Area -
Concentration 202
Description b23g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1790	121	-	200	100.00		18S

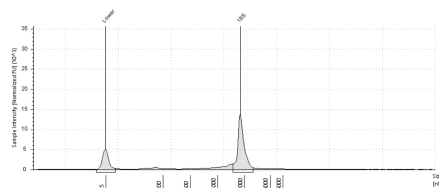
Peak: B2: k13g



Location B2
Rt 10.0 ●
UpperS LowerS Area -
Concentration 243
Description k13g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1789	126	-	207	100.00		18S

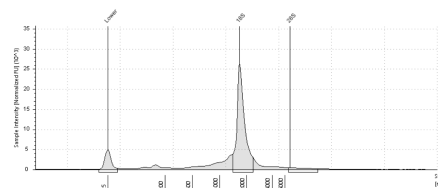
Peak: C2: k23g



Location C2
Rt 9.9 ●
UpperS LowerS Area -
Concentration 84.5
Description k23g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1802	57.7	-	94.1	100.00		18S

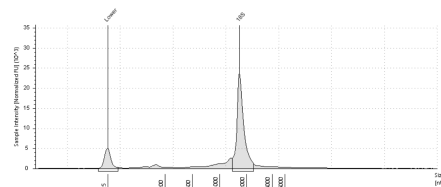
Peak: D2: m13g



Location D2
Rt 9.6 ●
UpperS LowerS Area 0.0
Concentration 211
Description m13g
Alert ⚠
Observations Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1670	133	-	234	96.16		18S
7115	5.31	-	2.19	3.84		28S

Peak: E2: m23g

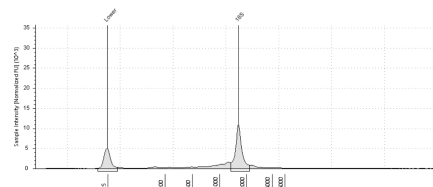


Location
RINe
UpperLowerSArea
Concentration
Description
Alert
Observations

E2
10.0
-
157
m23g
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1671	108	-	191	100.00		18S

Peak: F2: h1m1

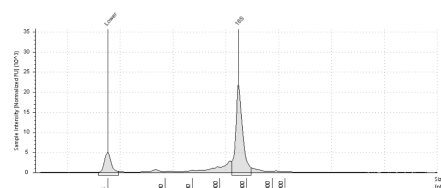


Location
RINe
UpperLowerSArea
Concentration
Description
Alert
Observations

F2
9.3
-
74.8
h1m1
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1642	42.8	-	76.6	100.00		18S

Peak: G2: h2m1

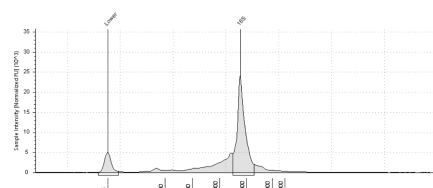


Location
RINe
UpperLowerSArea
Concentration
Description
Alert
Observations

G2
9.7
-
135
h2m1
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1627	91.1	-	165	100.00		18S

Peak: H2: h3m1

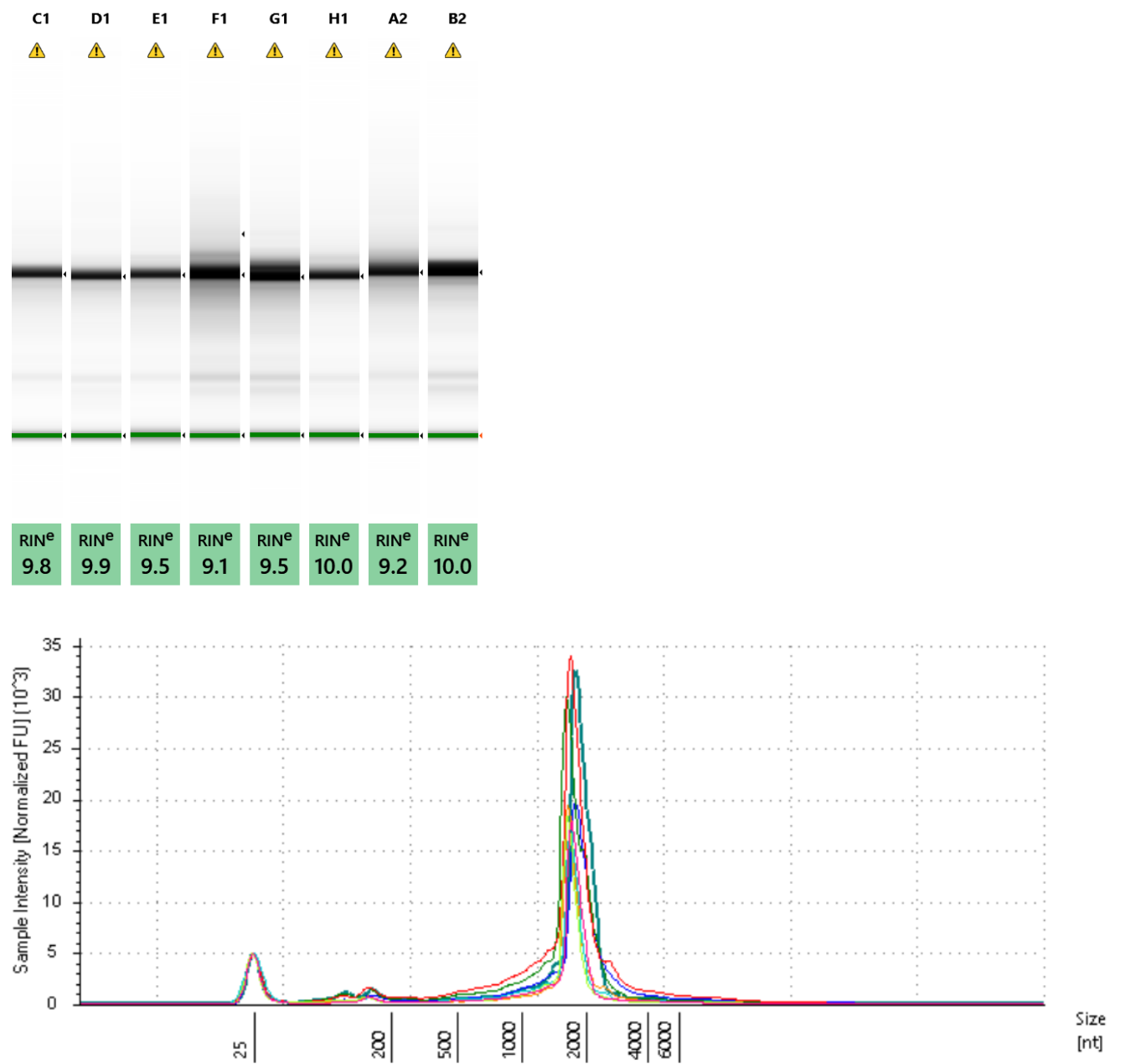


Location
RINe
UpperLowerSArea
Concentration
Description
Alert
Observations

H2
8.8
-
195
h3m1
⚠
Caution! Expired ScreenTape device; The upper ribosomal fragment has degraded

Size [nt]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	PeakMolarity [nmol/l]	% Integrated Area	PeakComment	Observations
25	40.0	40.0	4710	-		Lower Marker
1707	116	-	199	100.00		18S

Profile Comparison



Samples

File	Indicator	Well ID	Comment
File 1		C1	n83g
File 1		D1	n93g
File 1		E1	g13g
File 1		F1	g23g
File 1		G1	g43g
File 1		H1	b13g
File 1		A2	b23g
File 1		B2	k13g

Files used in the Profile Comparison

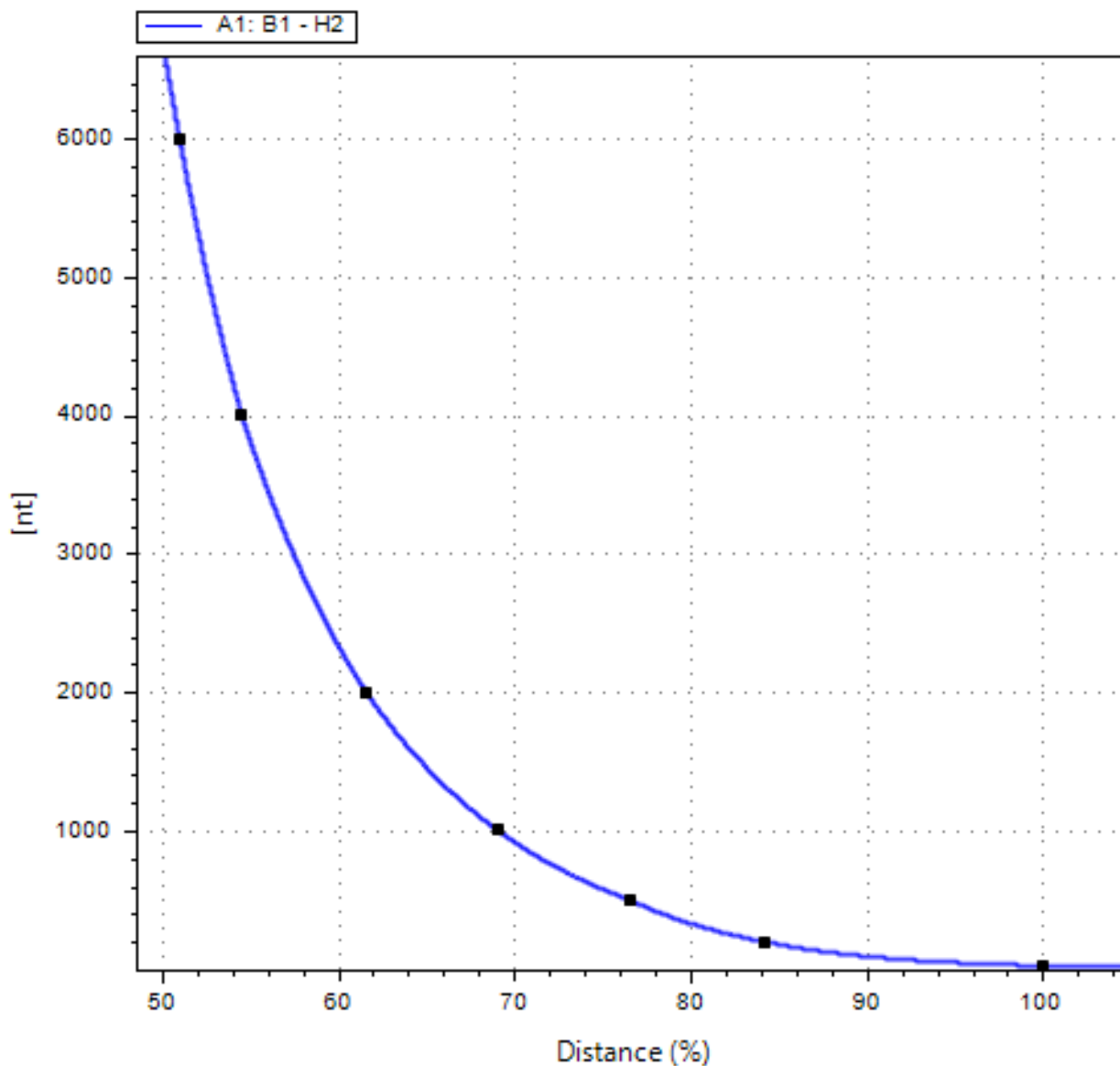
File	Comments	Filename
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File 1		C:\Users\admin\Documents\Agilent\TapeStation Data\2021-06-25\2021-06-25 - 15.35.23.RNA
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Calibration

Molecular Weight Settings

Fitting type: Log Linear Piecewise
Alignment type: From lower marker



Concentration Settings

Calibration mode: Lower Marker
Normalise peaks from: RNA Bottom Marker Normalisation
Fitting type: Linear Regression

Experiment Properties

Run Properties

Analysis Software Version	3.2.0.37131
Filename	C:\Users\admin\Documents\Agilent\TapeStation Data\2021-06-25\2021-06-25 - 15.35.23.RNA
Assay	RNA
Run End Date	25-Jun-2021 3:50 PM
Last Saved Under Version	3.2.0.37131
RIN [®] Version	3.2.0.37131
Study	
Comments	

ScreenTape Device 1

Username	admin
ScreenTape Device ID	01-S027-190412-01-000372
Expiry Date	15-Oct-2019
ScreenTape Device History	First run 25-Jun-2021, 1 run(s) performed
Temperature [°C]	25.4
Electrophoresis Time [s]	208
Instrument Type	4200 TapeStation
Instrument Serial Number	DEDA01963
Notes	
ScreenTape Device Run Date	25-Jun-2021 3:35 PM
Reagent Lot #	
ScreenTape Lot #	

Controller Environment

Computer	DESKTOP-NBEV016
Instrument Controller Software Version	3.2.0.37131
First Run Analysis Version	3.2.0.37131
Operating System	Microsoft Windows 10 Pro