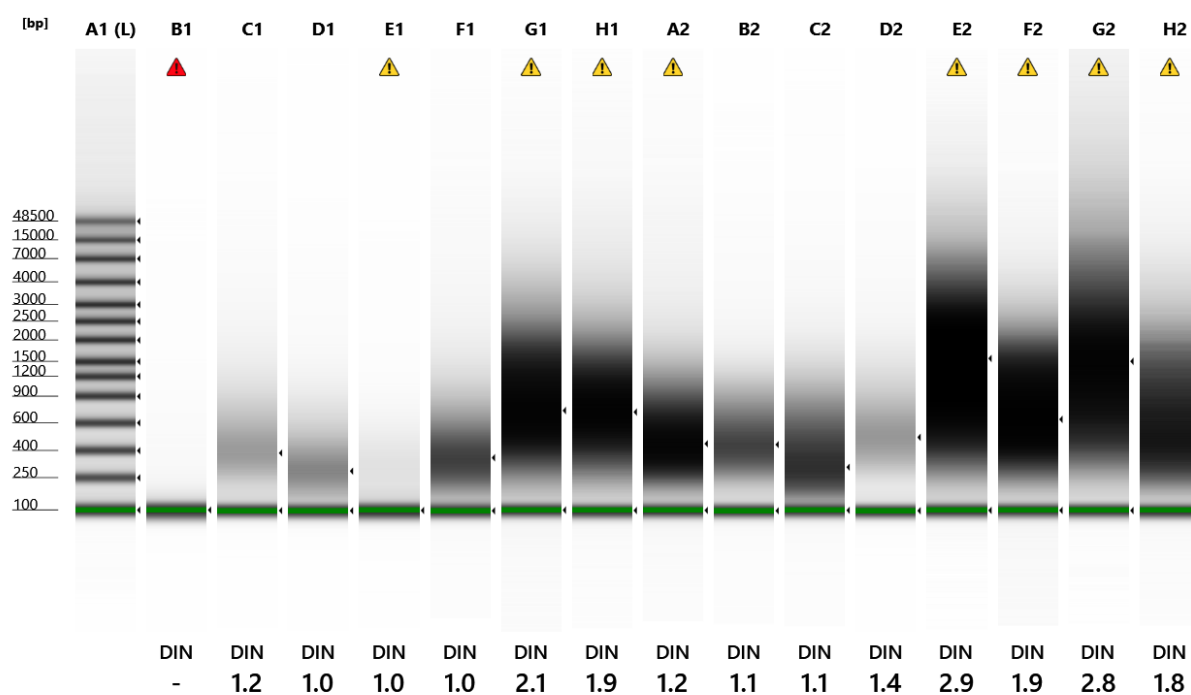


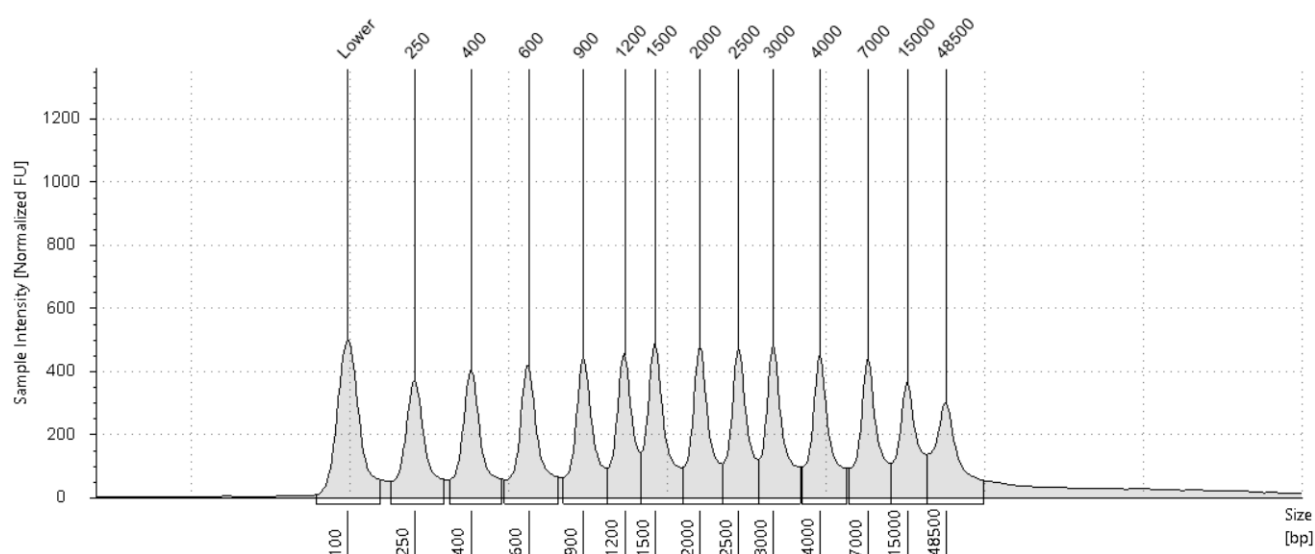
Filename: 2025-07-25 - 17.48.18.gDNA



Default image (Contrast 100%)

Sample Info

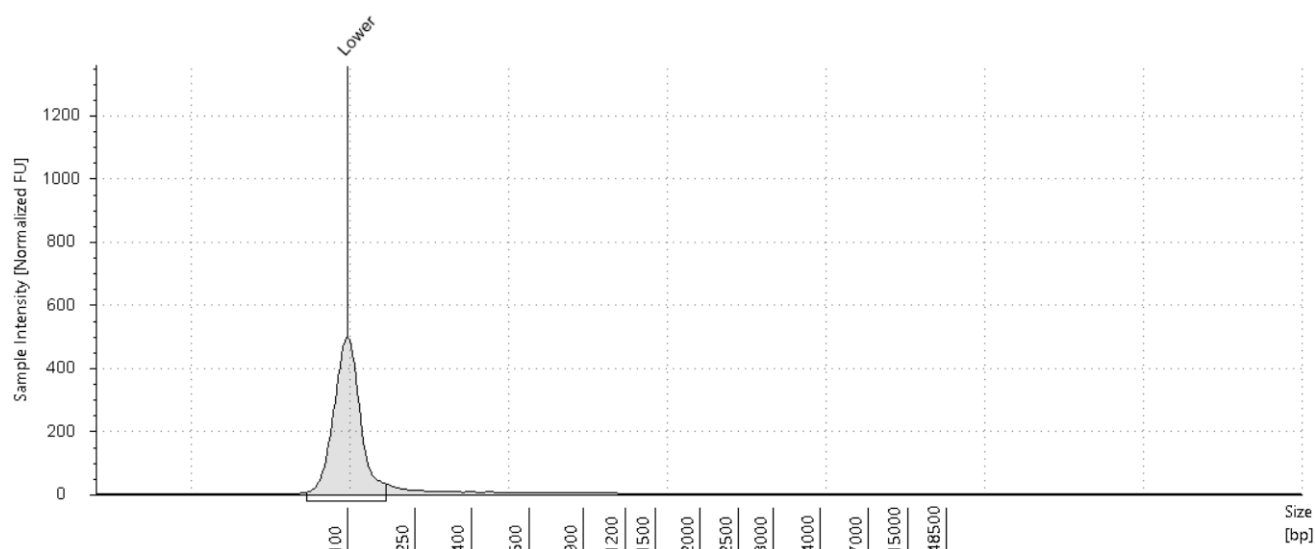
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A1	-	84.8	Ladder		Ladder
B1	-	1.57	USNM 14366, 1886	▲	Sample concentration outside functional range for DIN and the assay
C1	1.2	21.6	USNM 19054, 1898		
D1	1.0	19.9	USNM 52295, 1912		
E1	1.0	4.33	USNM 1180630, 1912	▲	Sample concentration outside functional range for DIN and the assay
F1	1.0	42.4	USNM 50603, 1912		
G1	2.1	157	USNM 51732, 1960	▲	Sample concentration outside recommended range
H1	1.9	137	USNM 51892, 1960	▲	Sample concentration outside recommended range
A2	1.2	100	USNM 14399, 1886	▲	Sample concentration outside recommended range
B2	1.1	46.3	USNM 42137, 1898		
C2	1.1	59.6	USNM 51730, 1960		
D2	1.4	23.7	USNM 51728, 1960		
E2	2.9	261	USNM 100609, 2000	▲	Sample concentration outside recommended range
F2	1.9	164	USNM 100610, 2000	▲	Sample concentration outside recommended range
G2	2.8	218	USNM 1007393, 2000	▲	Sample concentration outside recommended range
H2	1.8	115	USNM 1018355, 2002	▲	Sample concentration outside recommended range

A1: Ladder**Sample Table**

Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
A1	-	84.8	Ladder		Ladder

Peak Table

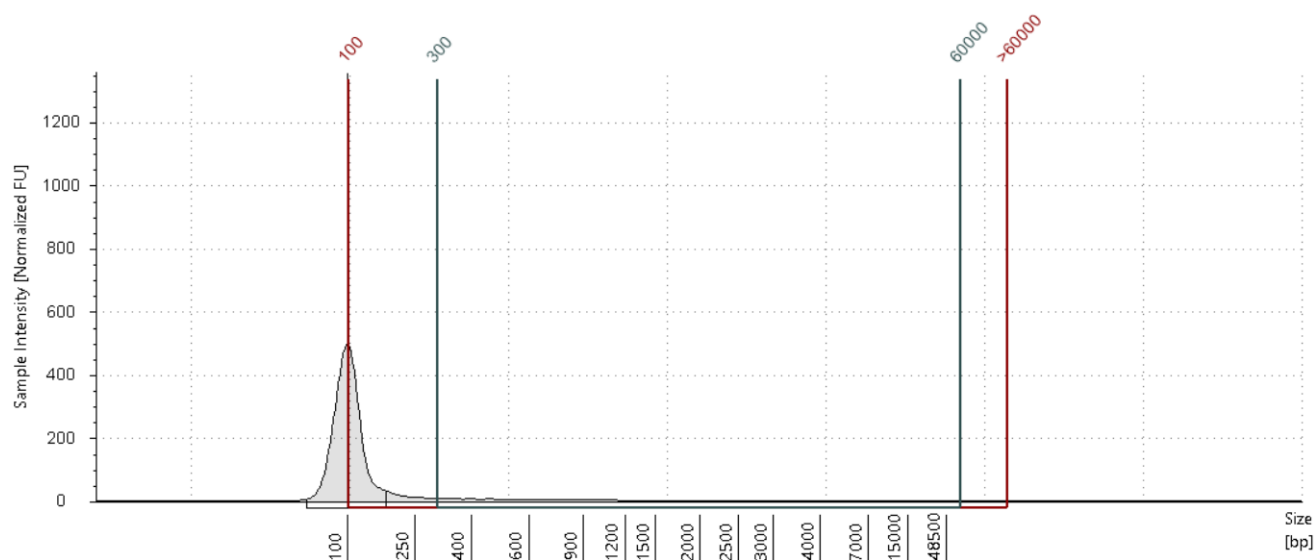
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	155		Lower Marker
250	5.79	-	7.41	180	320		
400	5.98	-	7.65	334	497		
600	6.16	-	7.89	506	746		
900	6.06	-	7.76	776	1064		
1200	5.74	-	7.34	1064	1348		
1500	6.67	-	8.54	1348	1786		
2000	6.28	-	8.04	1786	2279		
2500	6.02	-	7.70	2279	2777		
3000	6.37	-	8.15	2777	3536		
4000	6.21	-	7.95	3565	5459		
7000	6.07	-	7.77	5544	10943		
15000	5.18	-	6.63	10943	22252		
48500	5.62	-	7.19	22252	80845		

B1: USNM 14366, 1886**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B1	-	1.57	USNM 14366, 1886	▲	Sample concentration outside functional range for DIN and the assay

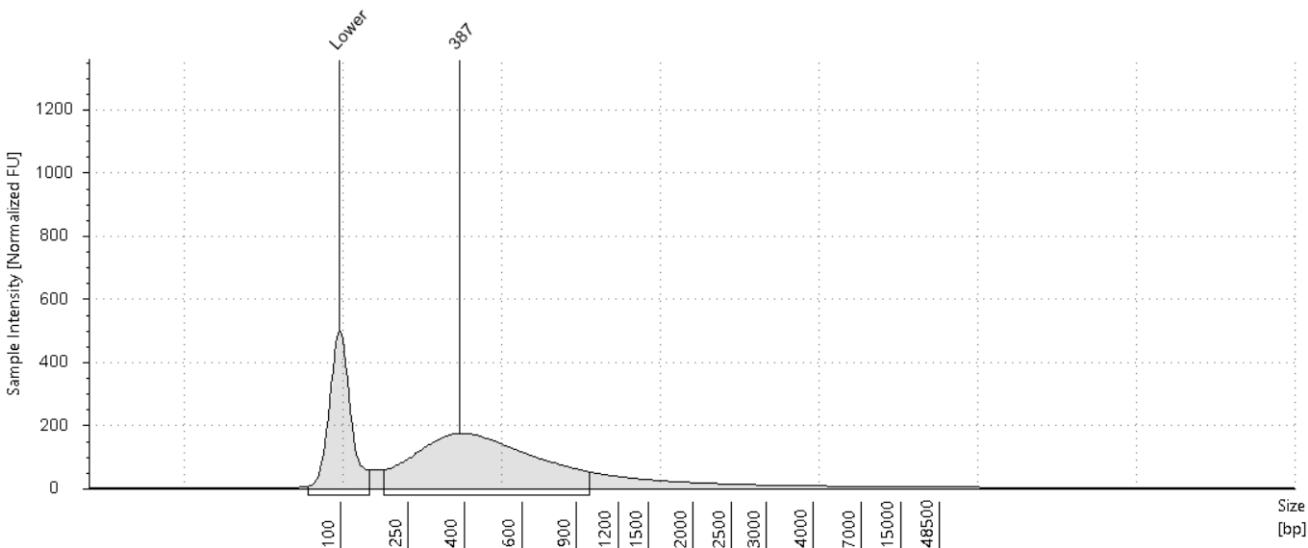
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	57	168		Lower Marker

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	1.43	64.2	91.44		■
300	60000	2928	0.961	2.17	61.36		■

C1: USNM 19054, 1898

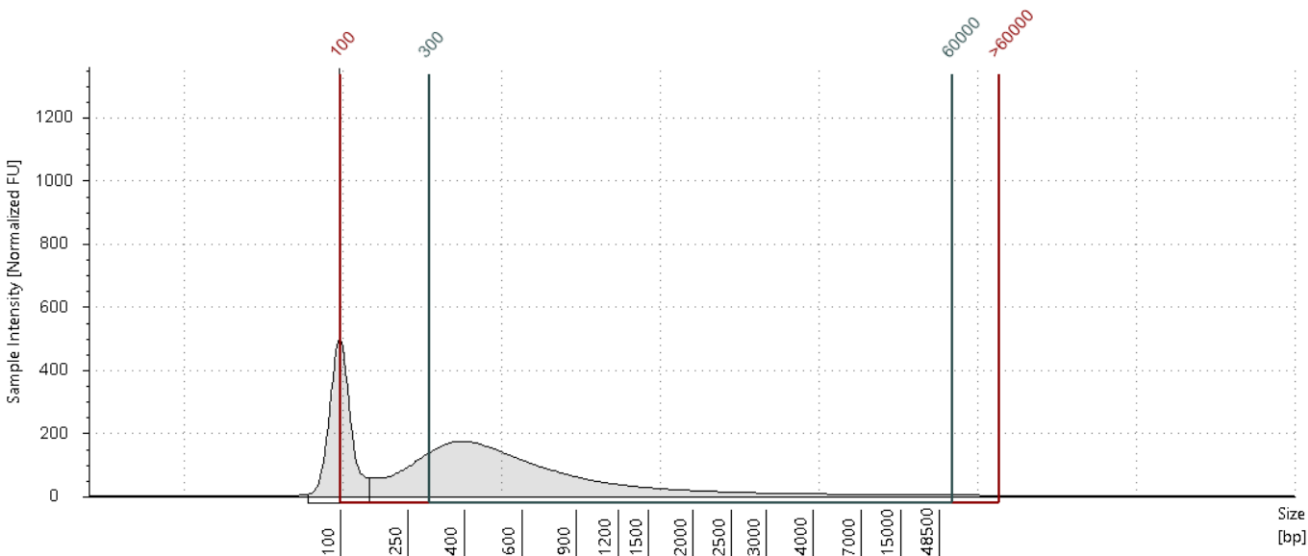


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
C1	1.2	21.6	USNM 19054, 1898		

Peak Table

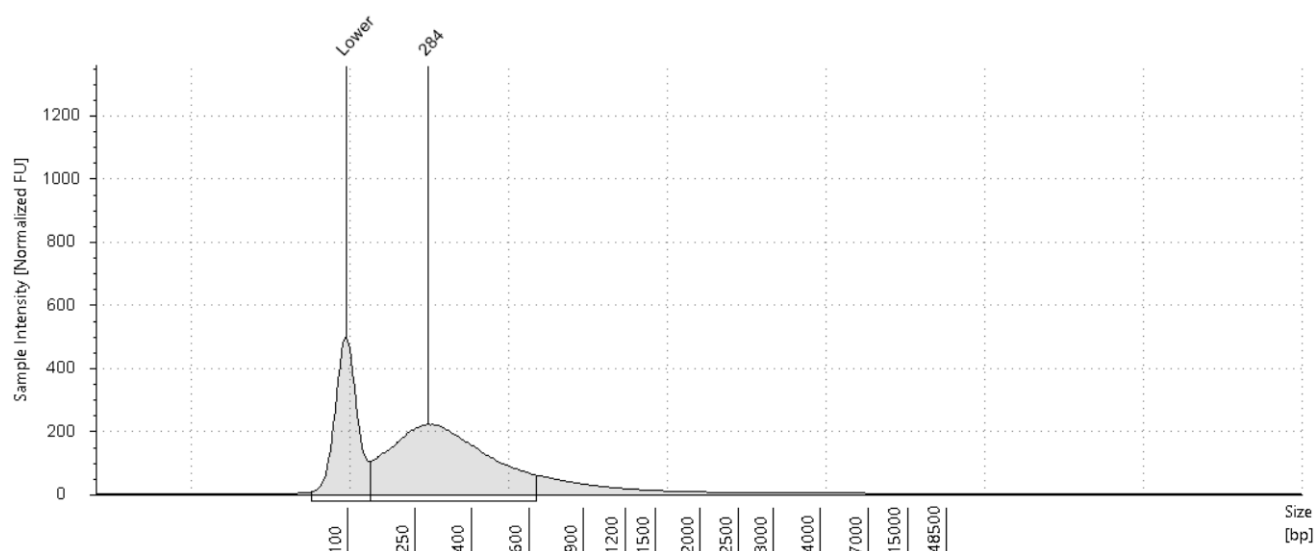
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	150		Lower Marker
387	16.8	-	100.00	183	988		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	21.3	139	98.20		
300	60000	1223	17.7	48.5	81.65		

D1: USNM 52295, 1912

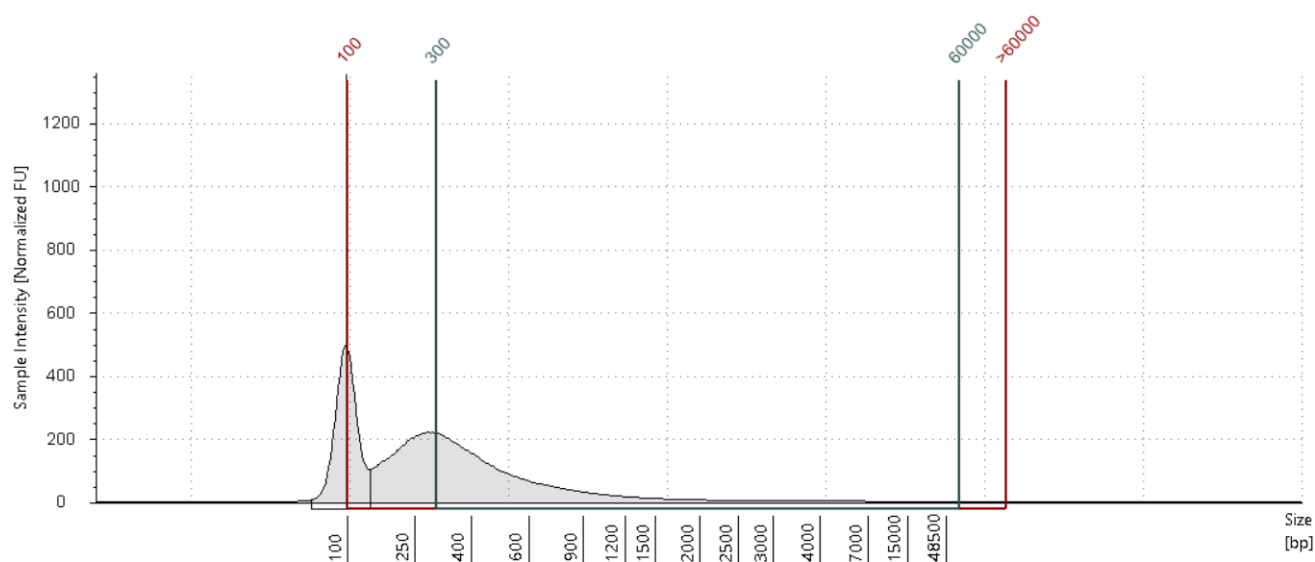


Sample Table

Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
D1	1.0	19.9	USNM 52295, 1912		

Peak Table

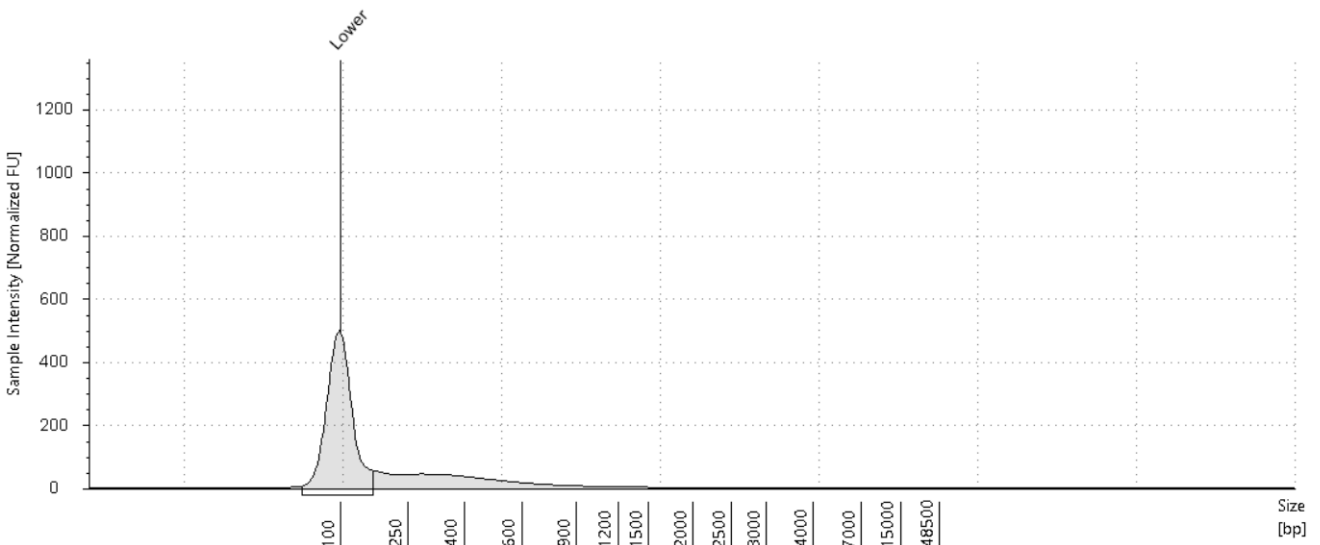
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	62	139		Lower Marker
284	16.5	-	100.00	139	640		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/ul]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	19.8	155	99.44		Red
300	60000	962	12.2	39.0	61.48		Green

E1: USNM 1180630, 1912

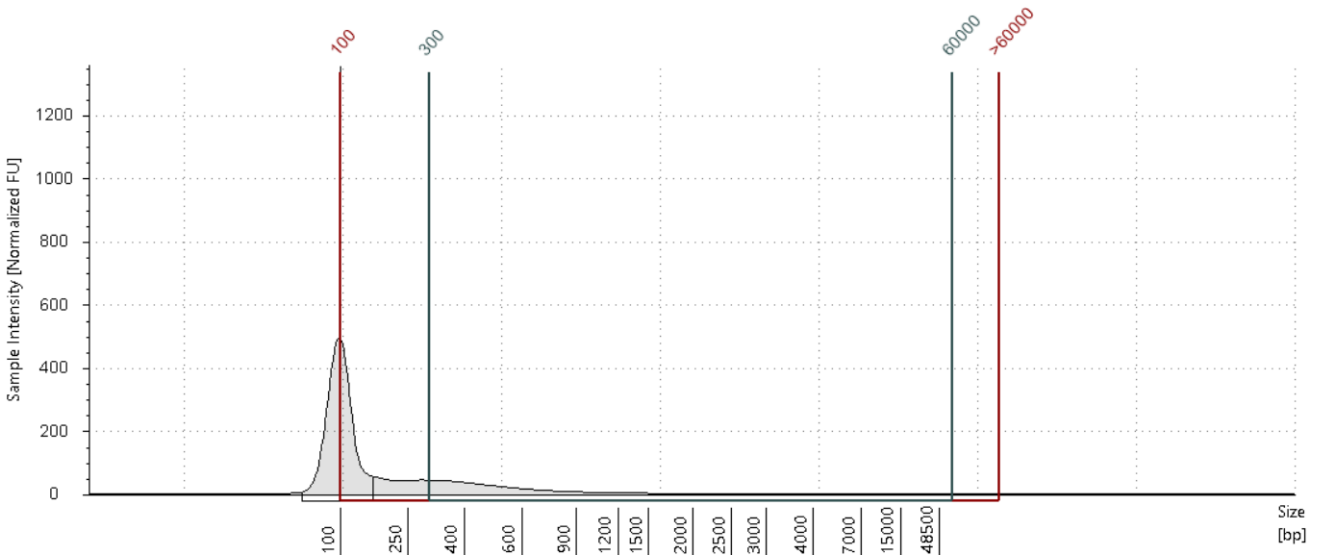


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E1	1.0	4.33	USNM 1180630, 1912		Sample concentration outside functional range for DIN and the assay

Peak Table

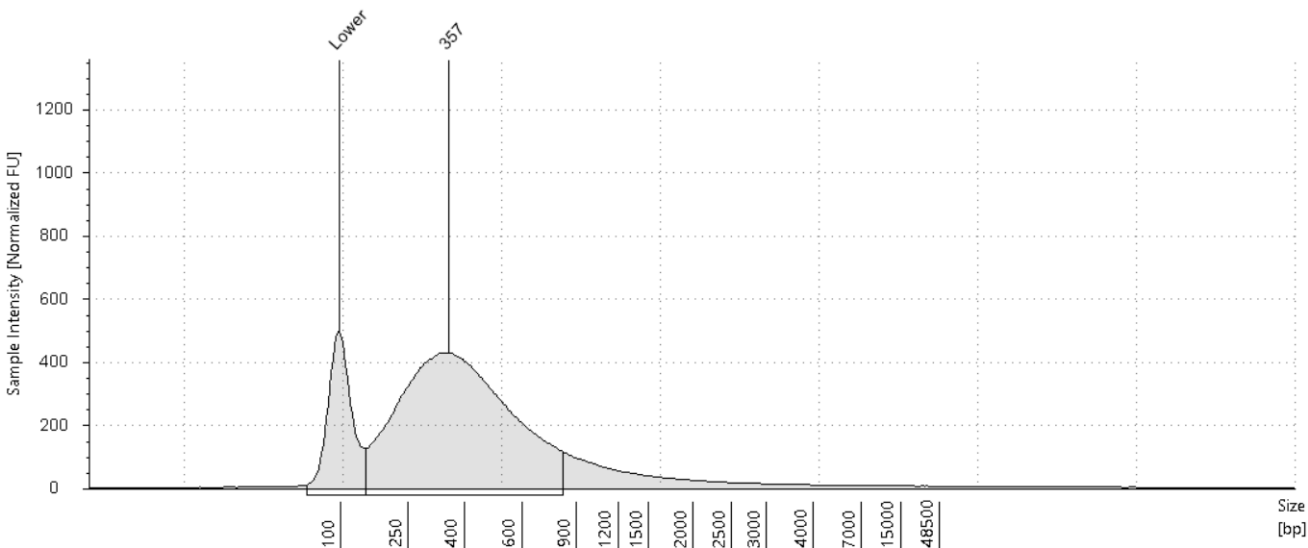
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	60	158		Lower Marker



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	4.19	73.3	96.83		
300	60000	1401	2.68	8.34	61.89		

F1: USNM 50603, 1912

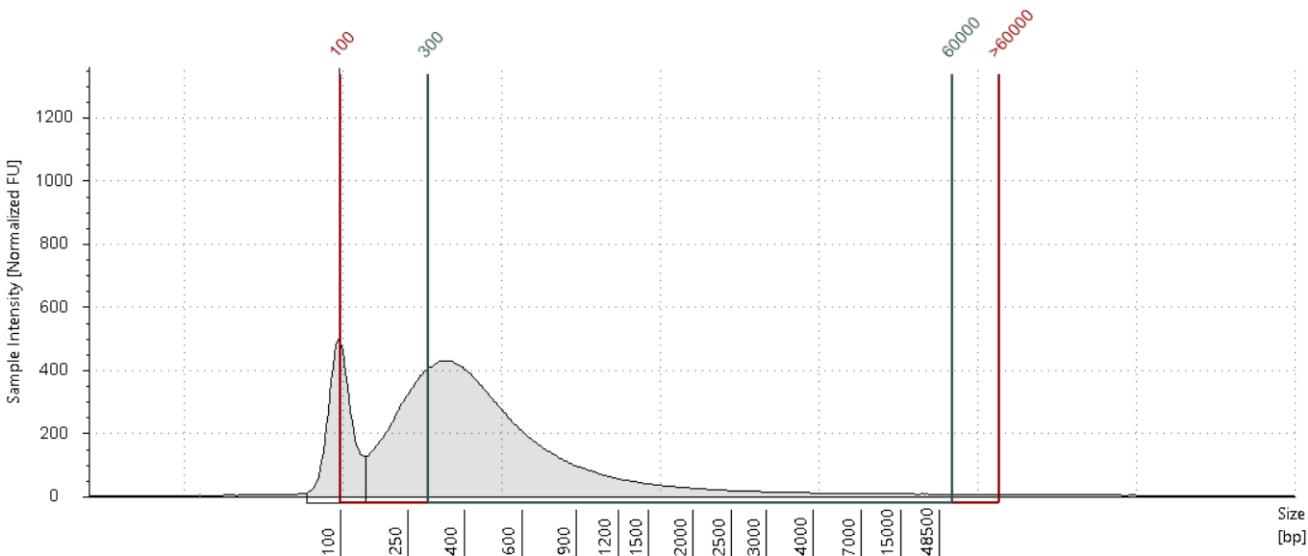


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F1	1.0	42.4	USNM 50603, 1912		

Peak Table

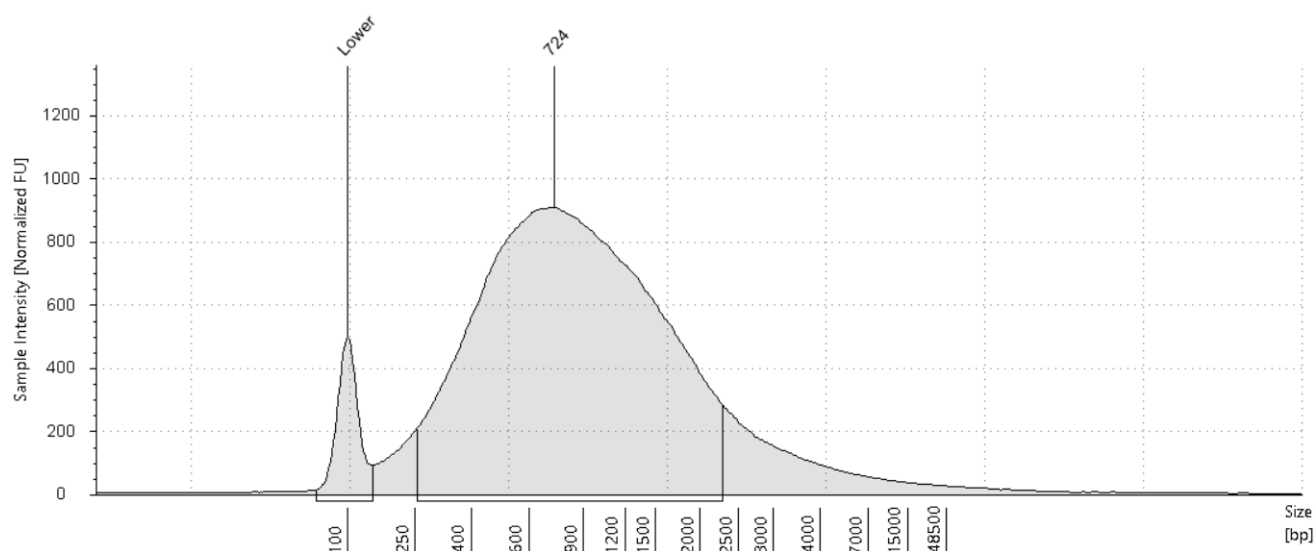
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	144		Lower Marker
357	35.4	-	100.00	144	822		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	41.7	224	98.32		
300	60000	1040	31.2	94.6	73.48		

G1: USNM 51732, 1960

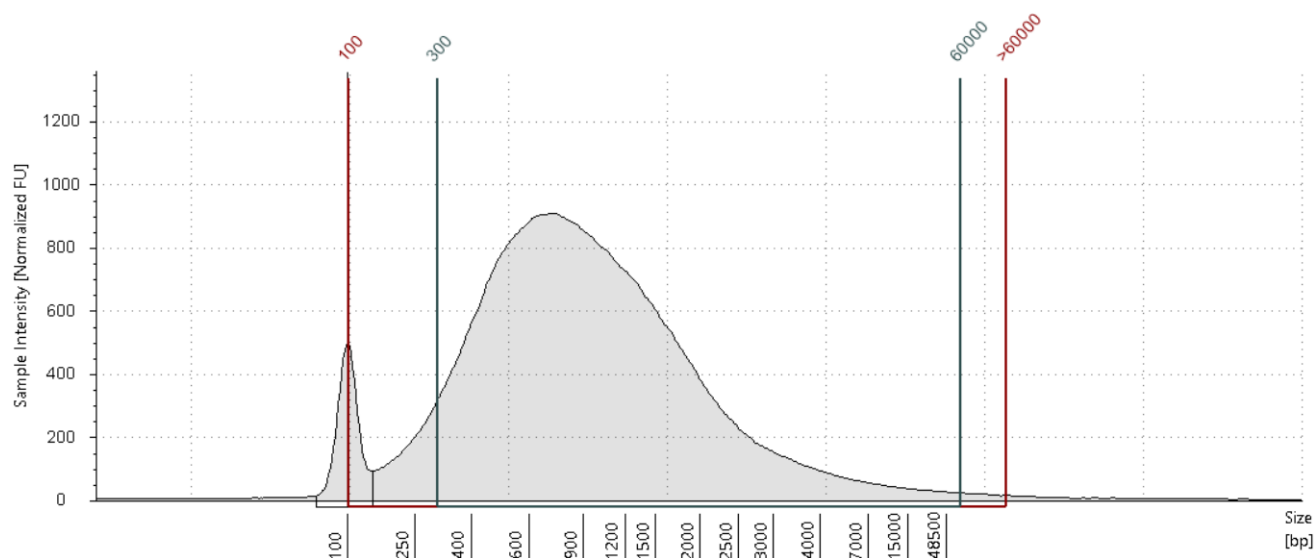


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G1	2.1	157	USNM 51732, 1960	⚠	Sample concentration outside recommended range

Peak Table

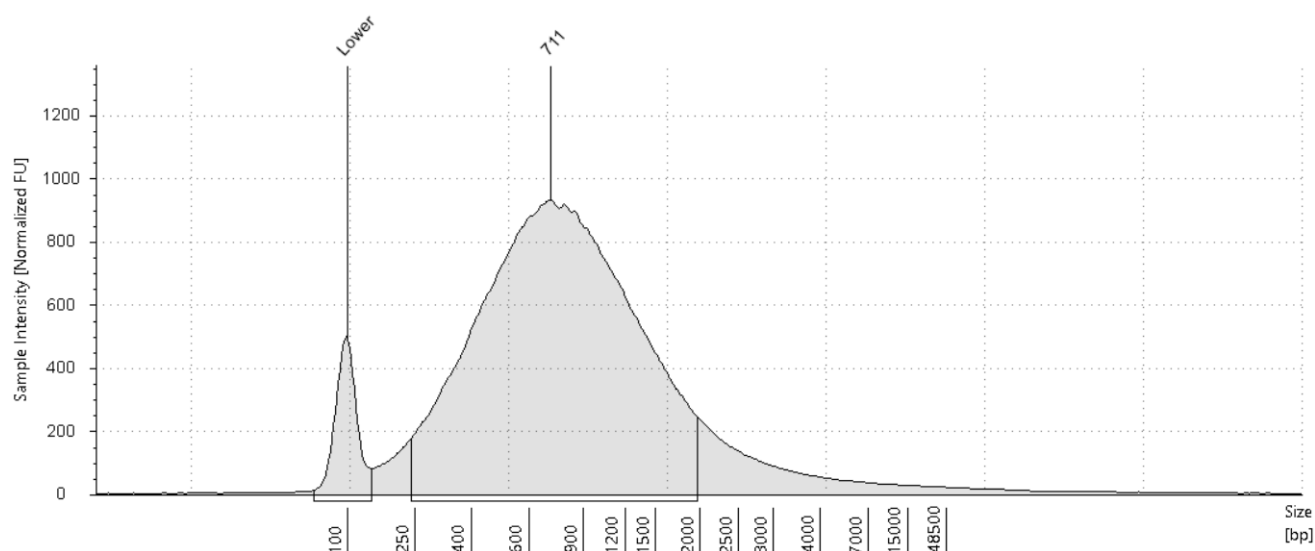
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	141		Lower Marker
724	134	-	100.00	255	2283		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	155	398	98.56		Red
300	60000	1459	146	283	93.42		Blue

H1: USNM 51892, 1960

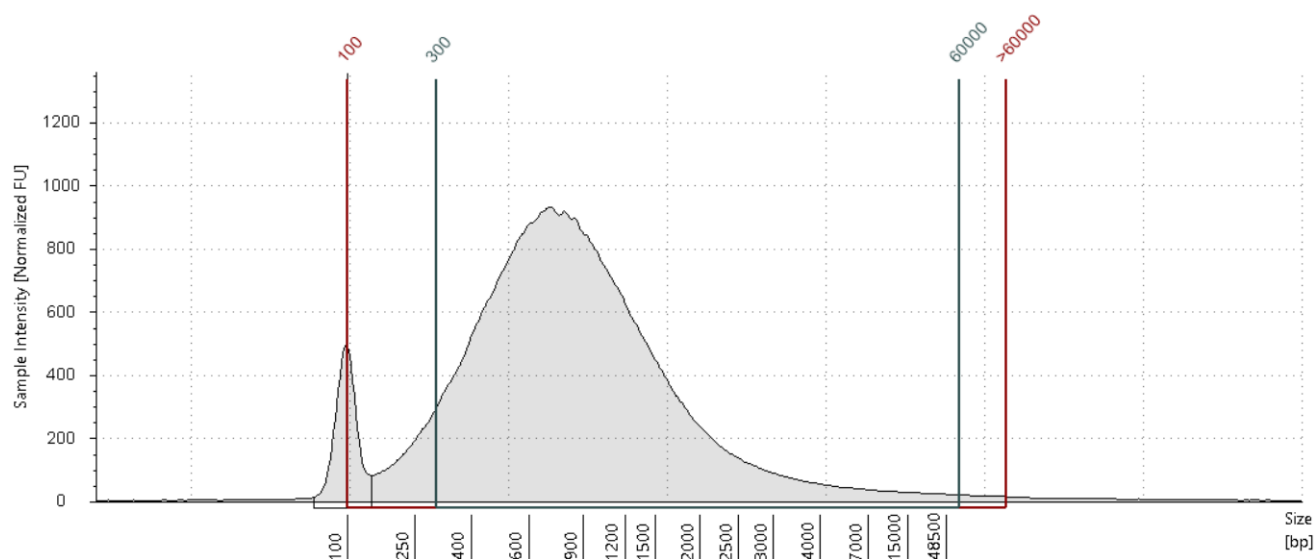


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
H1	1.9	137	USNM 51892, 1960	⚠	Sample concentration outside recommended range

Peak Table

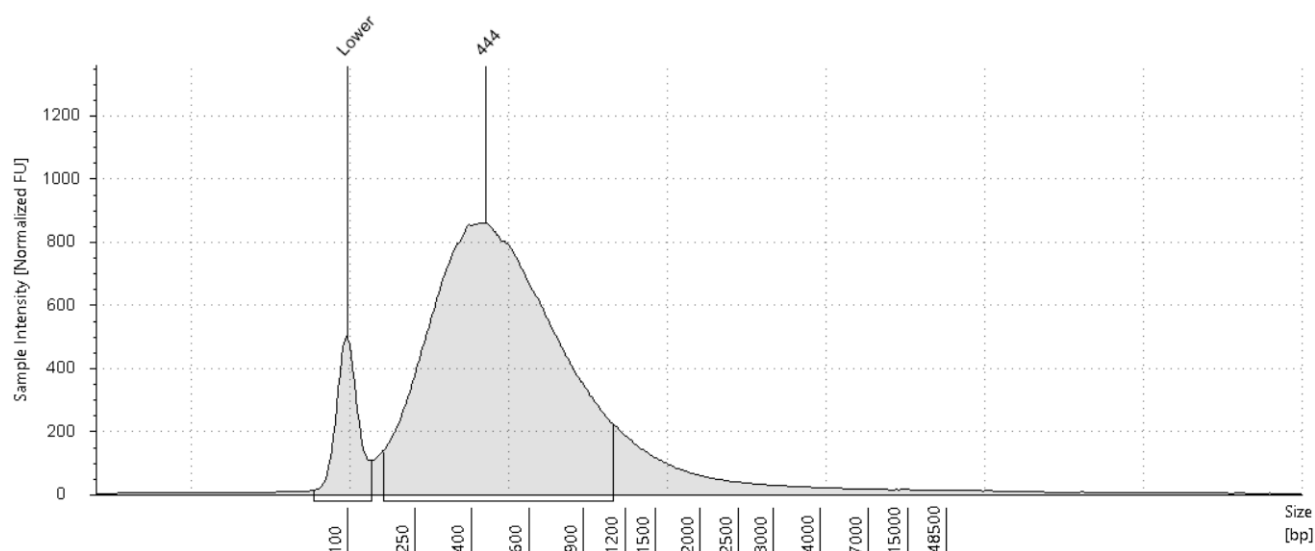
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	139		Lower Marker
711	120	-	99.93	241	1970		
-	-	-	-	-	-		Sample Well



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	136	369	99.42		■
300	60000	1321	129	265	93.87		■

A2: USNM 14399, 1886

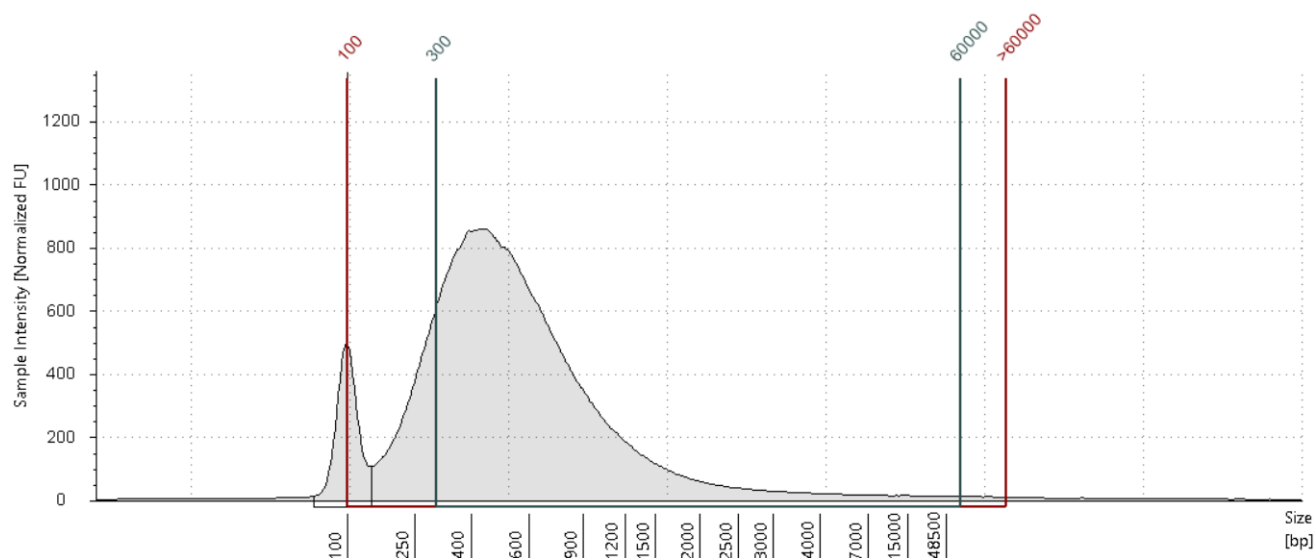


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
A2	1.2	100	USNM 14399, 1886	⚠	Sample concentration outside recommended range

Peak Table

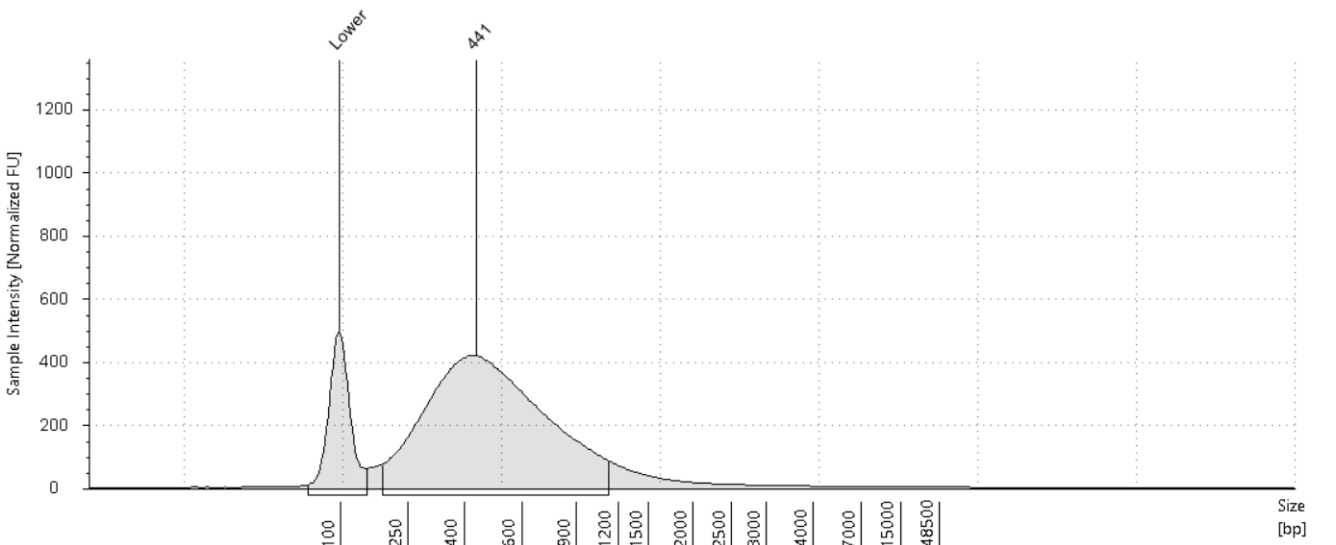
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	139		Lower Marker
444	86.7	-	100.00	163	1105		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	99.0	393	98.96		Red
300	60000	974	85.9	242	85.82		Blue

B2: USNM 42137, 1898

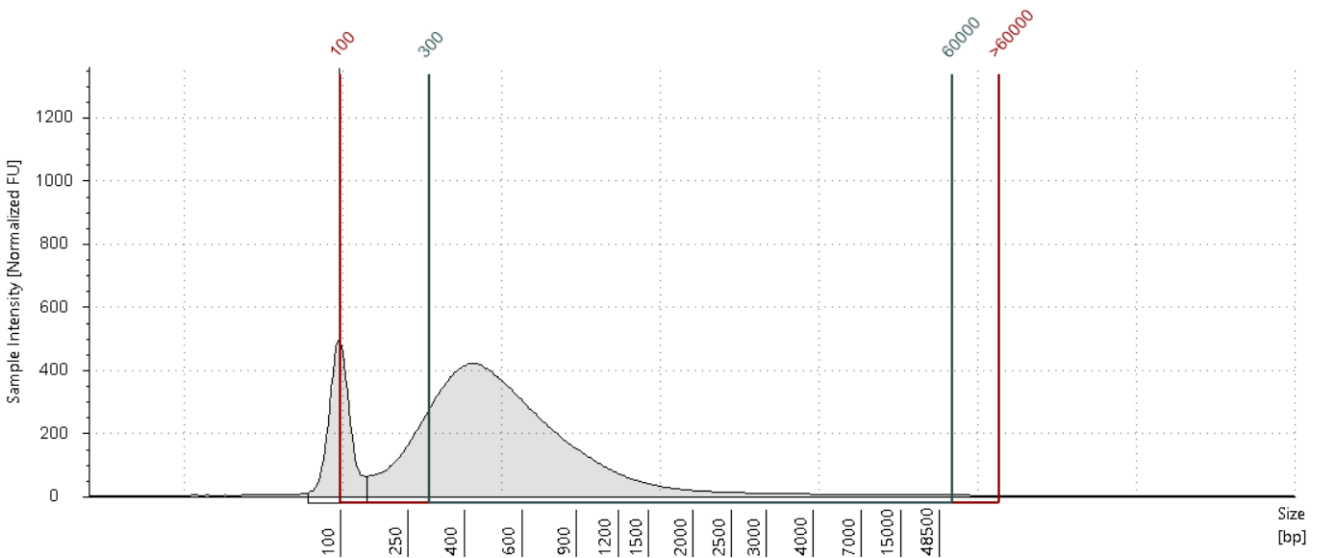


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
B2	1.1	46.3	USNM42137, 1898		

Peak Table

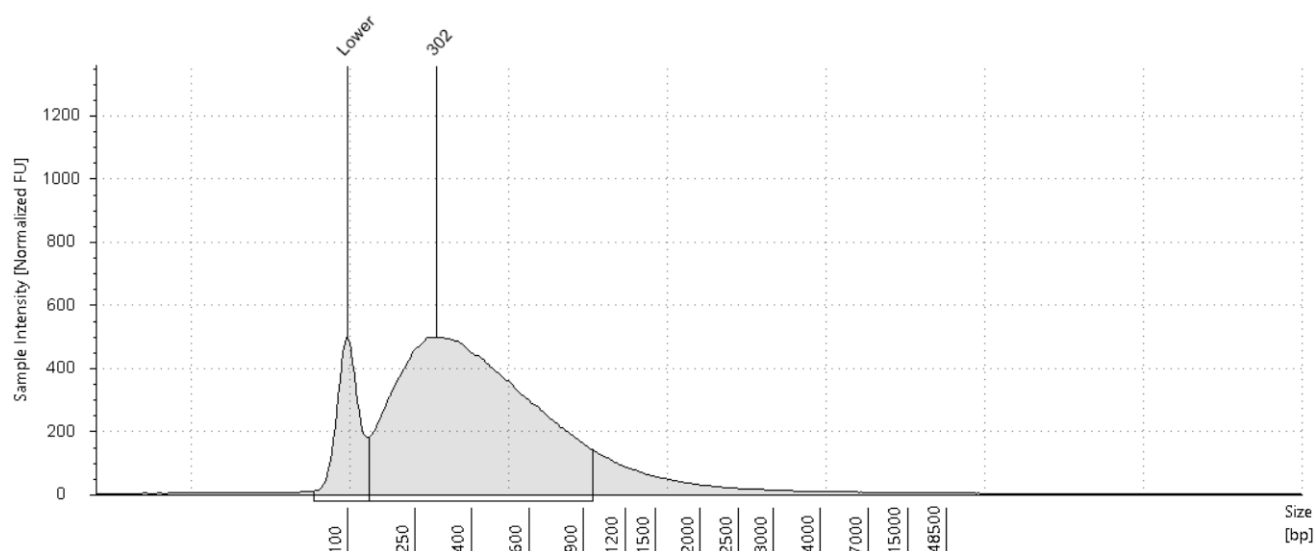
Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	147		Lower Marker
441	41.2	-	100.00	179	1130		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	45.8	212	98.86		
300	60000	869	40.0	116	86.32		

C2: USNM 51730, 1960

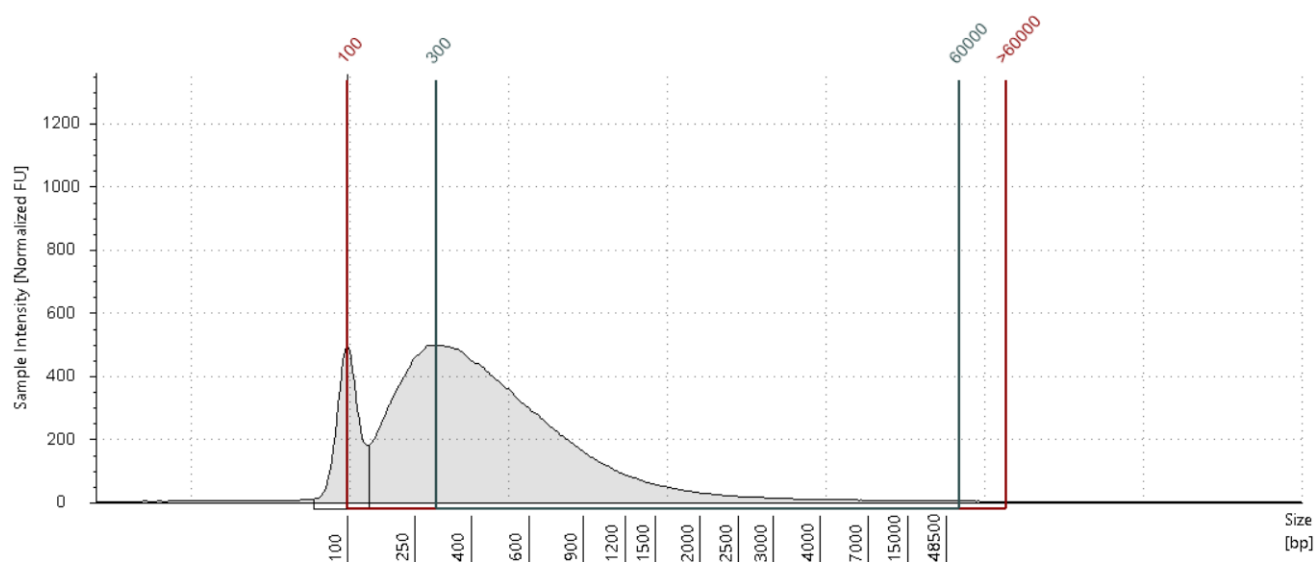


Sample Table

Well	DIN	Conc. [ng/ul]	Sample Description	Alert	Observations
C2	1.1	59.6	USNM 51730, 1960		

Peak Table

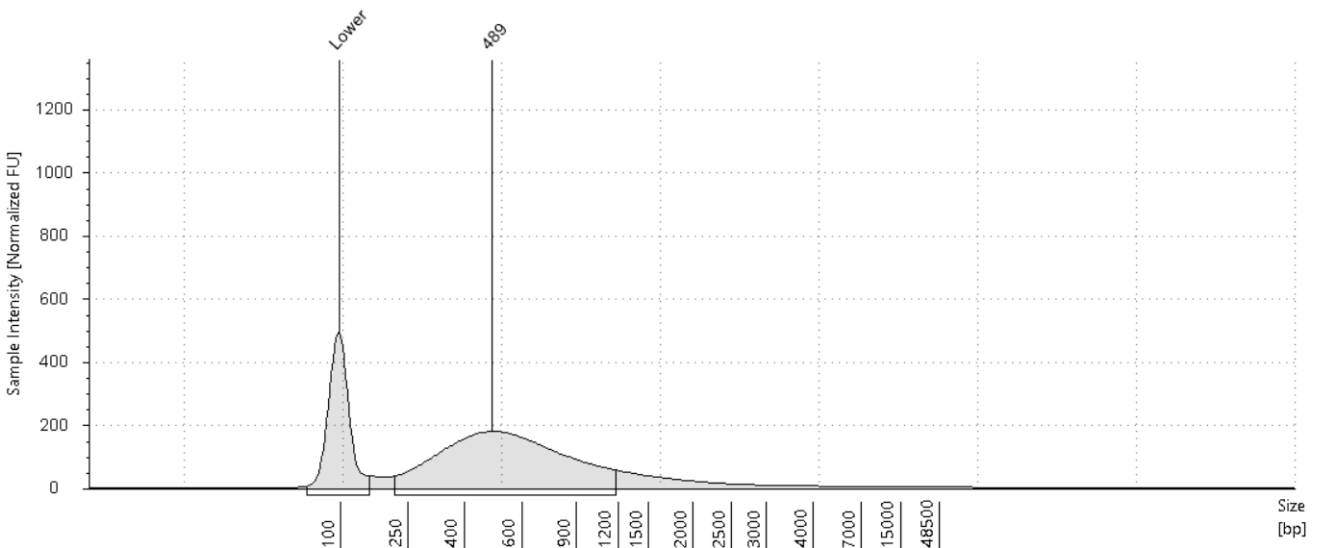
Size [bp]	Calibrated Conc. [ng/ul]	Assigned Conc. [ng/ul]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	134		Lower Marker
302	52.4	-	100.00	134	964		



Region Table

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/ul]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	59.0	303	99.05		
300	60000	868	42.3	125	71.00		

D2: USNM 51728, 1960

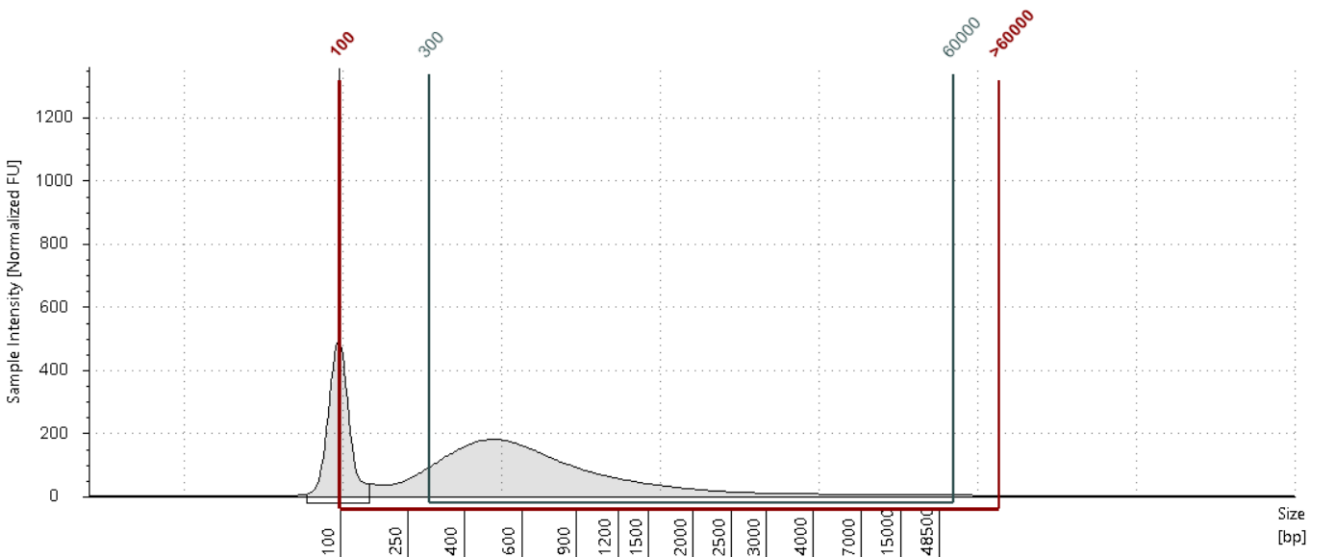


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
D2	1.4	23.7	USNM 51728, 1960		

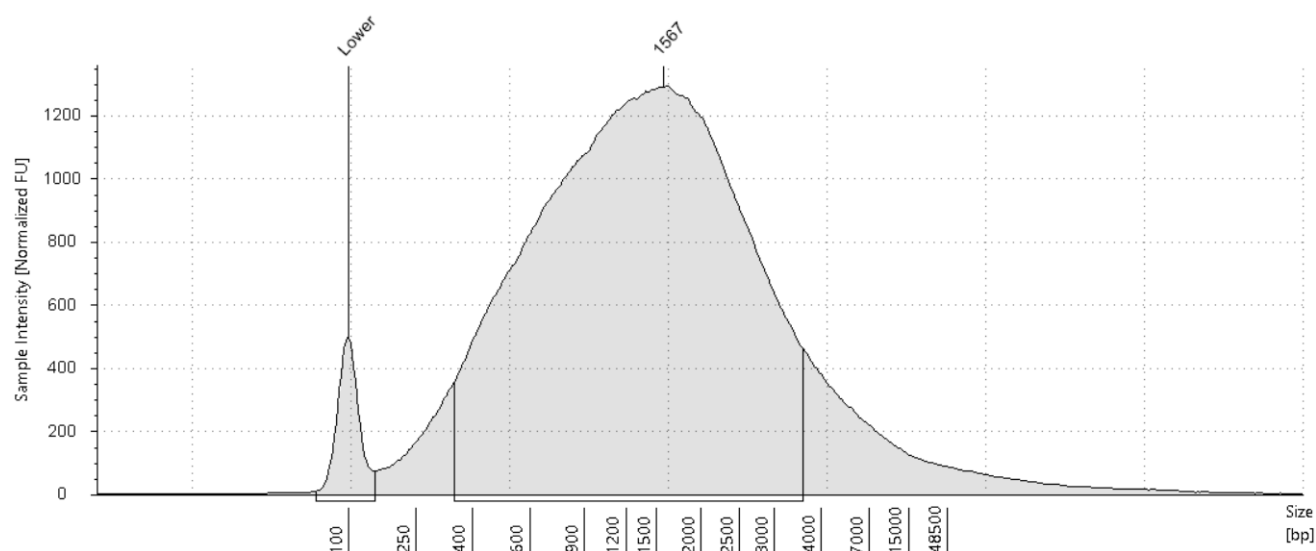
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	150		Lower Marker
489	19.1	-	100.00	212	1185		



Region Table

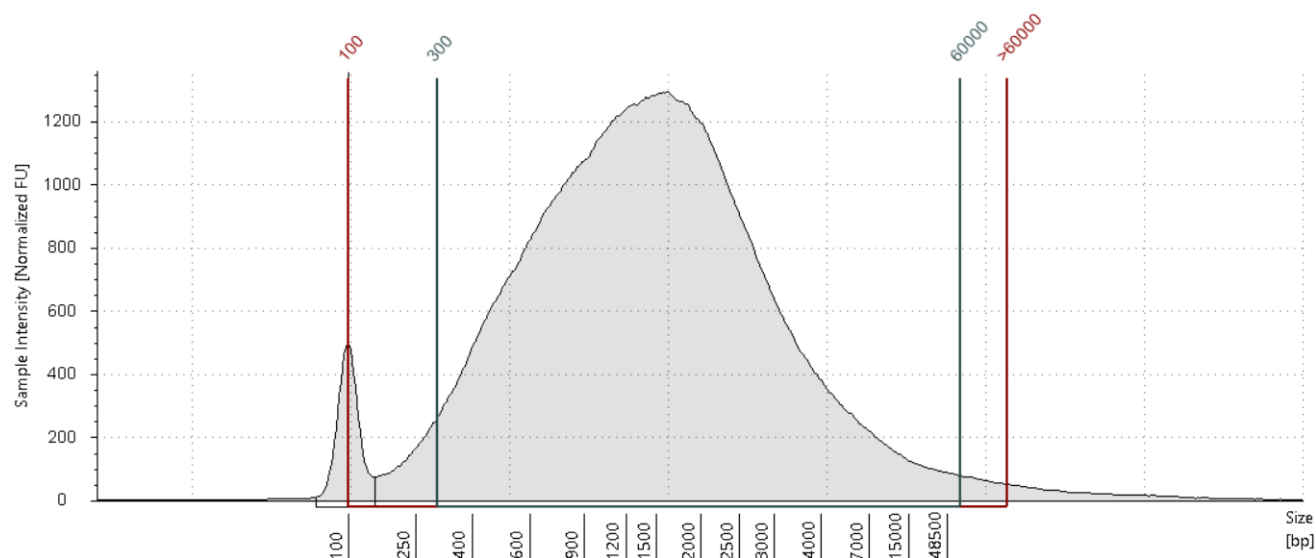
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	23.5	122	99.11		
300	60000	1178	21.2	53.7	89.49		

E2: USNM 100609, 2000**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
E2	2.9	261	USNM 100609, 2000	⚠	Sample concentration outside recommended range

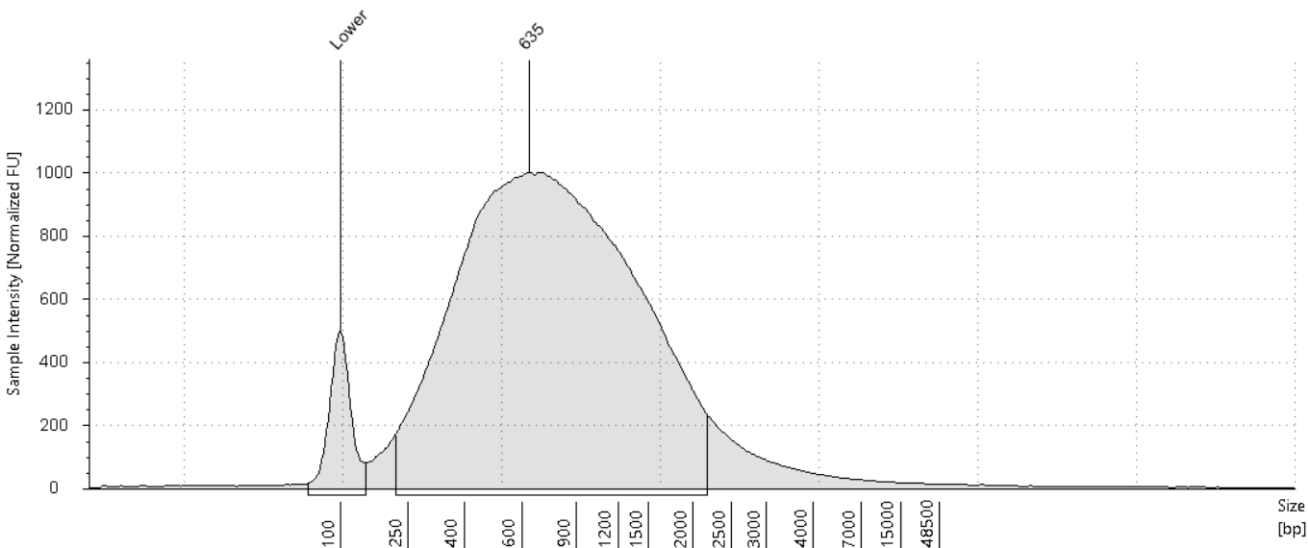
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	144		Lower Marker
1567	223	-	100.00	347	3568		

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	257	453	98.59		Red
300	60000	2226	249	349	95.56		Blue

F2: USNM 100610, 2000

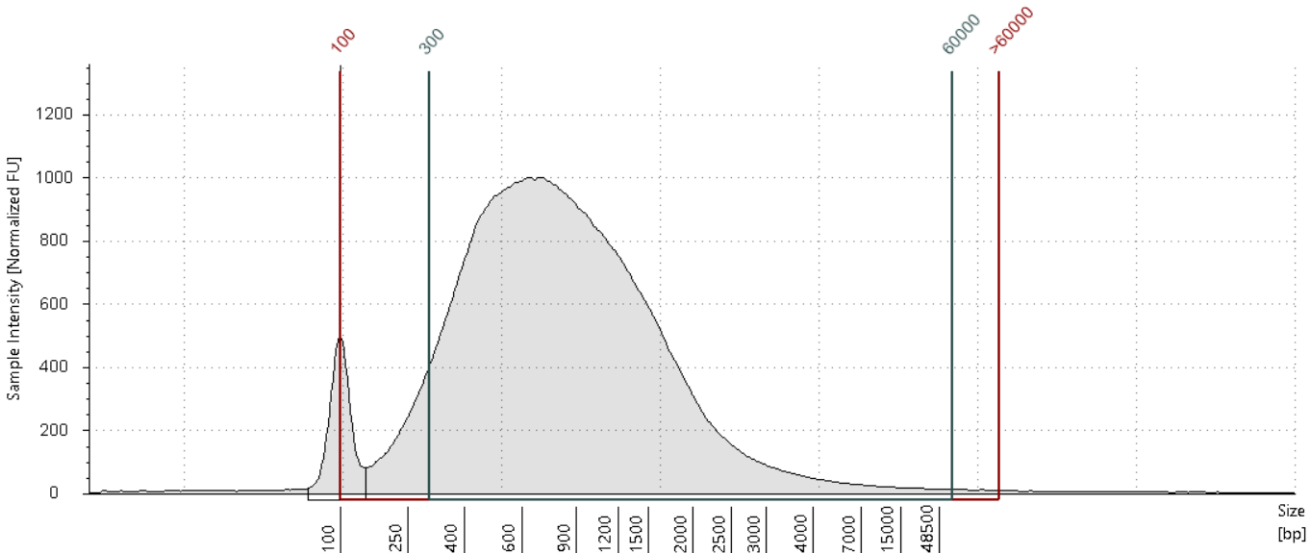


Sample Table

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
F2	1.9	164	USNM 100610, 2000		Sample concentration outside recommended range

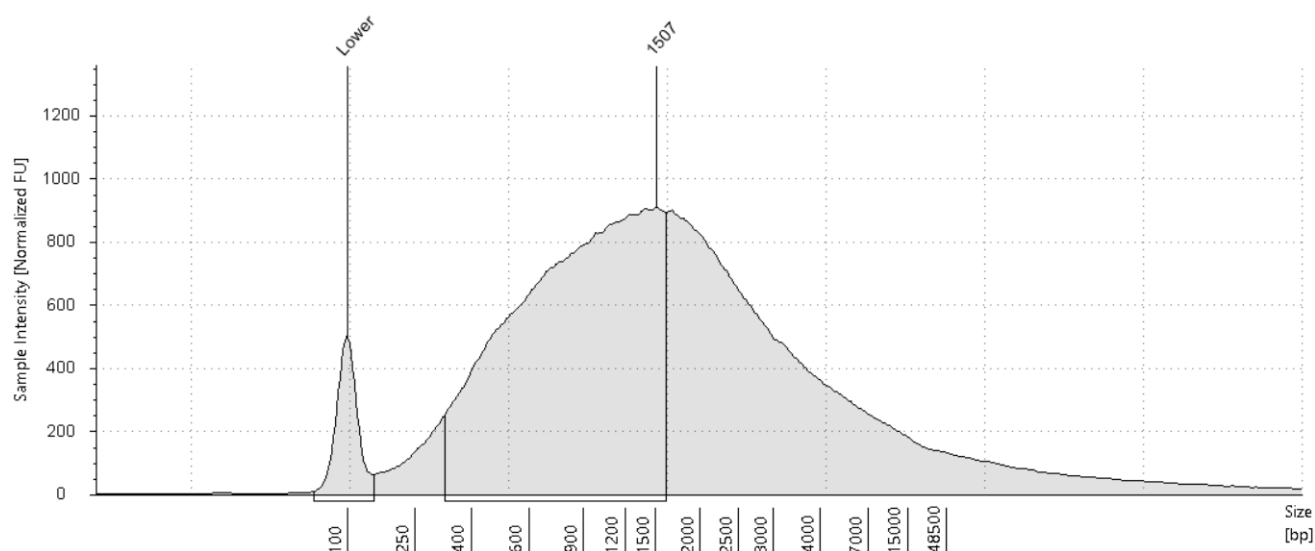
Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	65	141		Lower Marker
635	149	-	100.00	215	2171		



Region Table

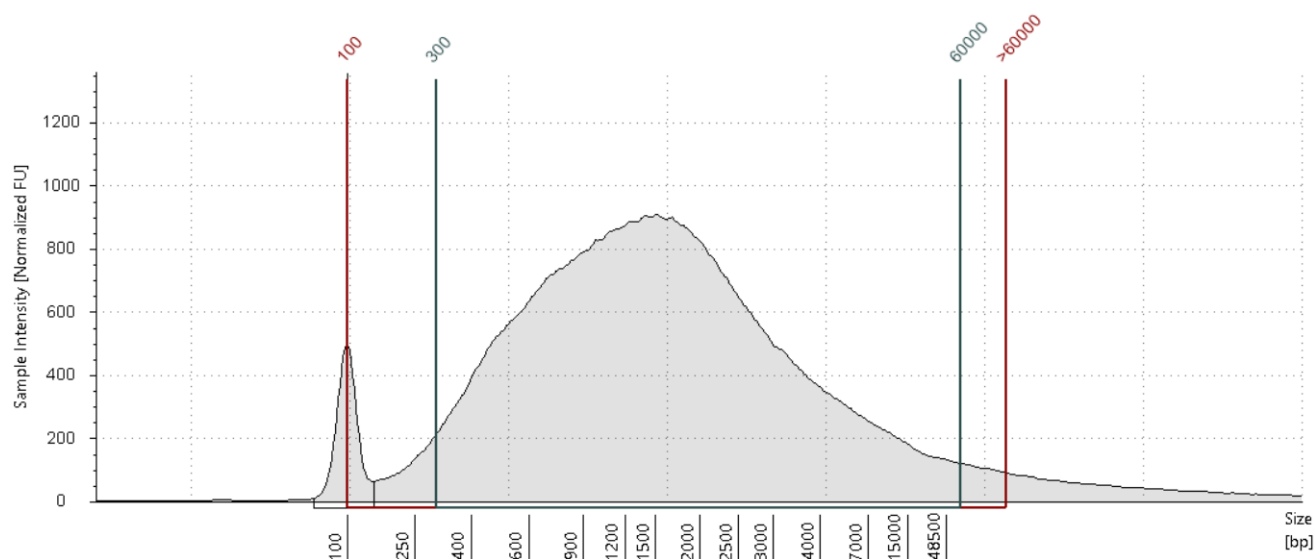
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	162	446	98.78		
300	60000	1158	153	325	93.36		

G2: USNM 1007393, 2000**Sample Table**

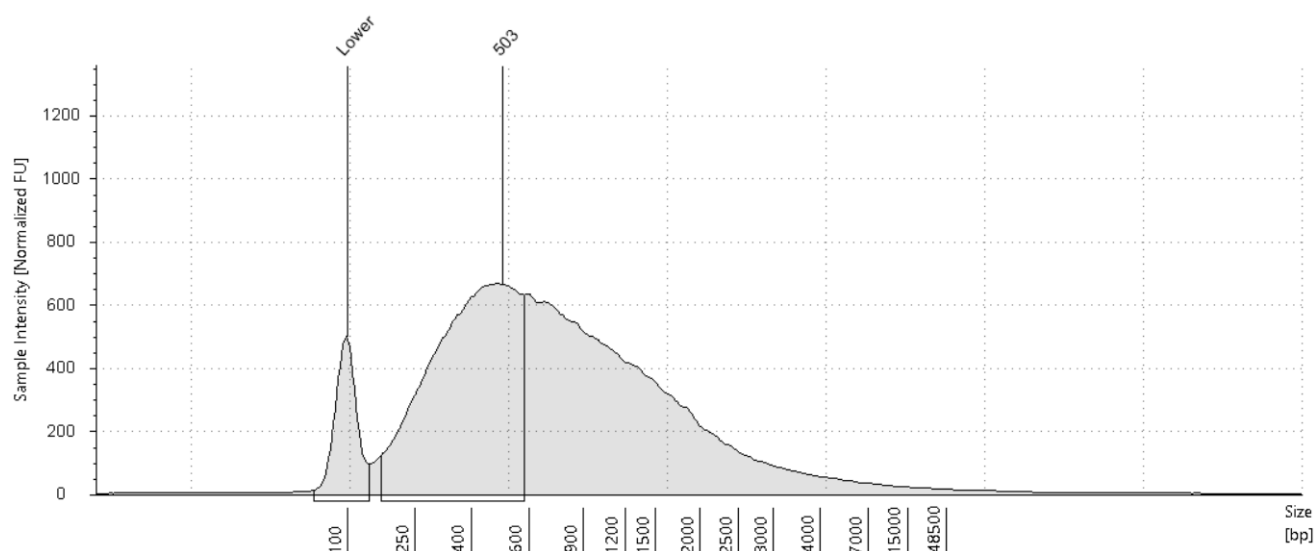
Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
G2	2.8	218	USNM 1007393, 2000	⚠	Sample concentration outside recommended range

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	64	144		Lower Marker
1507	108	-	98.04	324	1615		
-	-	-	-	-	-		Sample Well

**Region Table**

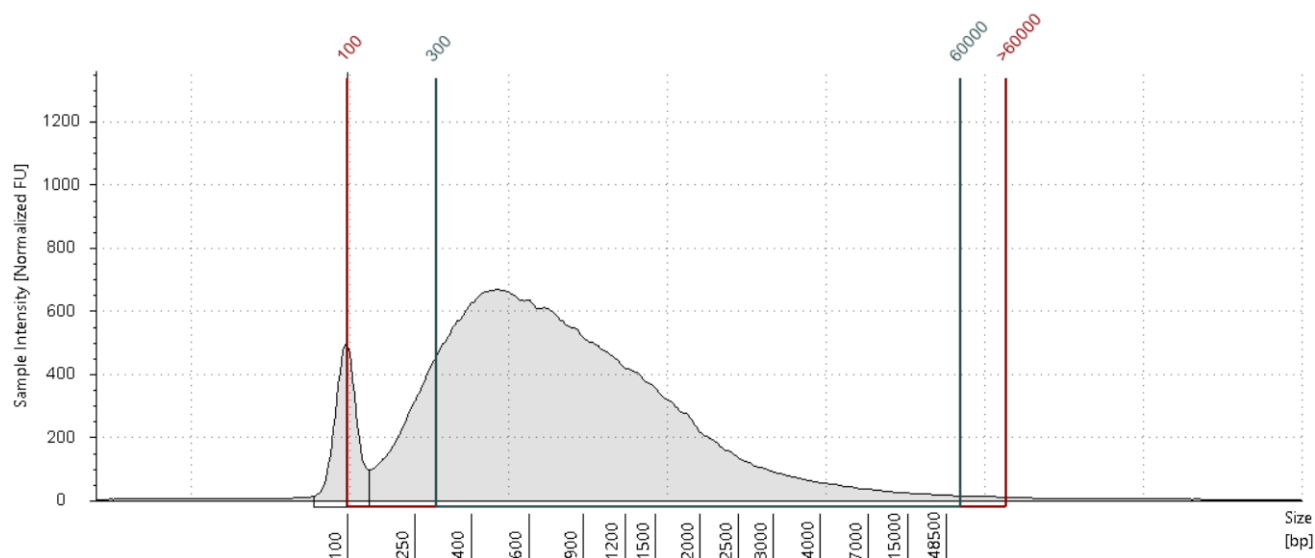
From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	209	371	95.77		■
300	60000	2773	201	277	91.95		■

H2: USNM 1018355, 2002**Sample Table**

Well	DIN	Conc. [ng/μl]	Sample Description	Alert	Observations
H2	1.8	115	USNM 1018355, 2002	⚠	Sample concentration outside recommended range

Peak Table

Size [bp]	Calibrated Conc. [ng/μl]	Assigned Conc. [ng/μl]	% Integrated Area	From [bp]	To [bp]	Peak Comment	Observations
100	8.50	8.50	-	63	136		Lower Marker
503	47.3	-	100.00	161	585		

**Region Table**

From [bp]	To [bp]	Average Size [bp]	Conc. [ng/μl]	Region Molarity [nmol/l]	% of Total	Region Comment	Color
100	>60000	-	114	358	99.43		Red
300	60000	1309	103	230	89.73		Green