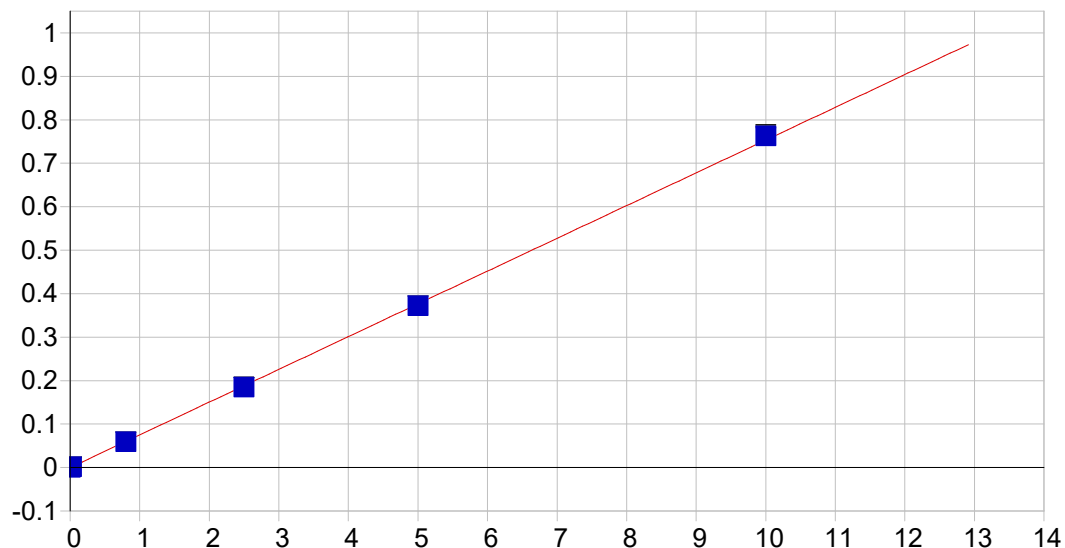


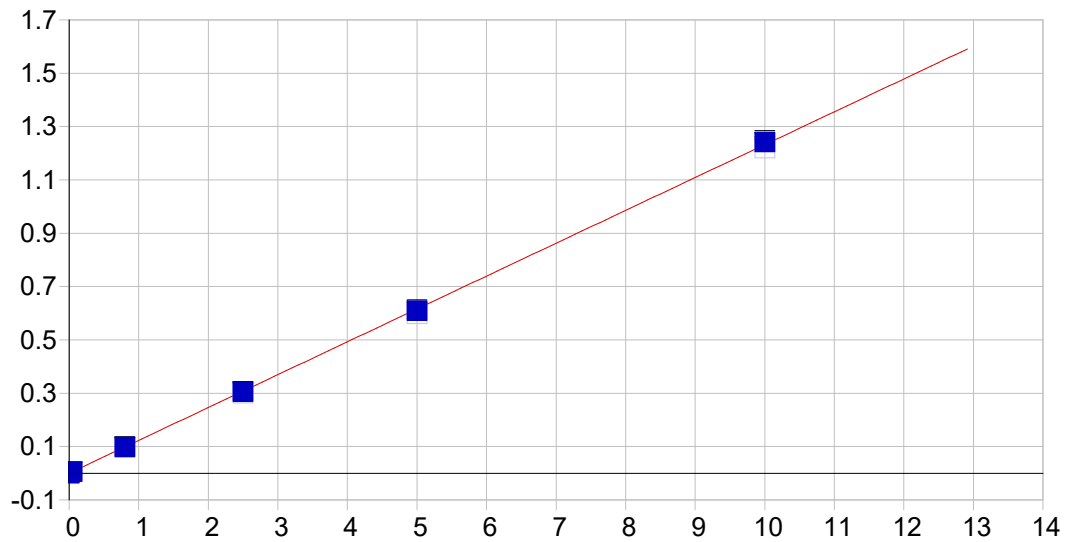


As 189.042 {479}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000197 Re-Slope: 1.000000
A1 (Gain): 0.075352 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999904 Status: OK.
Std Error of Est: 0.000024
Predicted MDL: 0.002243
Predicted MQL: 0.007475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.02074	.001	3.70	.00136	.000	1
S3	2.5000	2.4528	-.047	-1.89	.18443	.000	1
S4	5.0000	4.9409	-.059	-1.18	.37171	.001	1
S5	10.000	10.123	.123	1.23	.76178	.004	1
S2	.80000	.78256	-.017	-2.18	.05871	.000	1

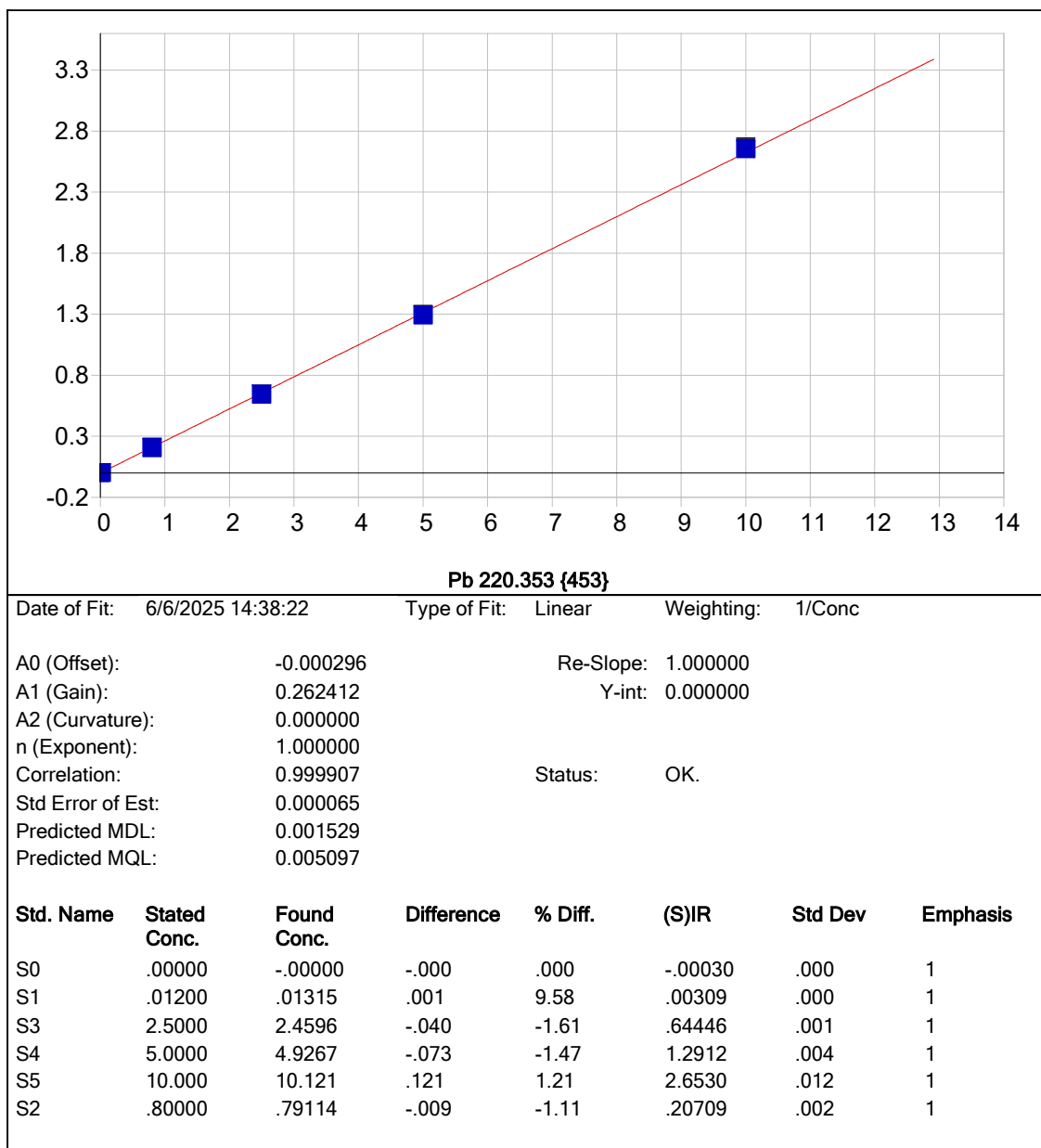


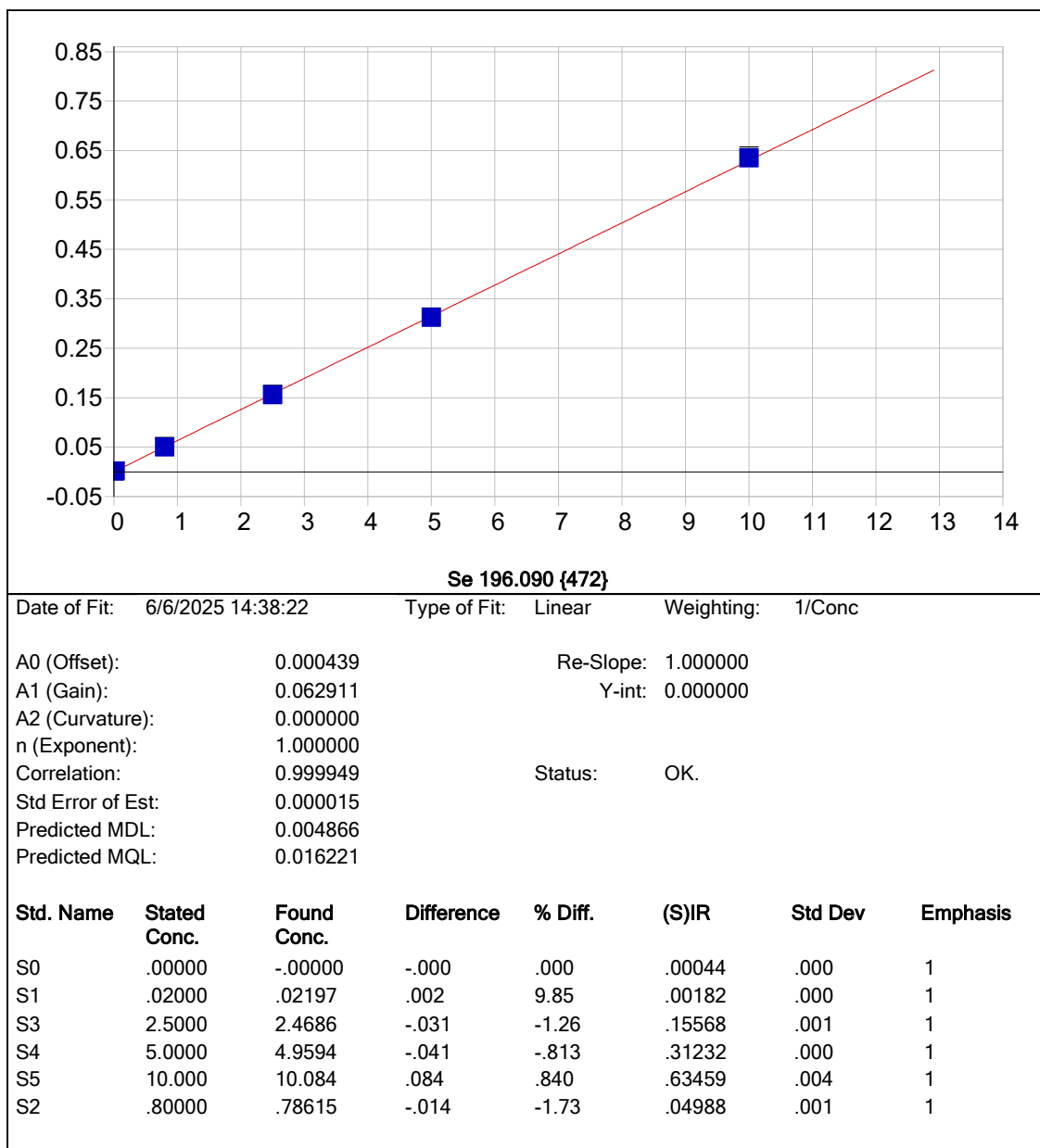
TI 190.856 {477}

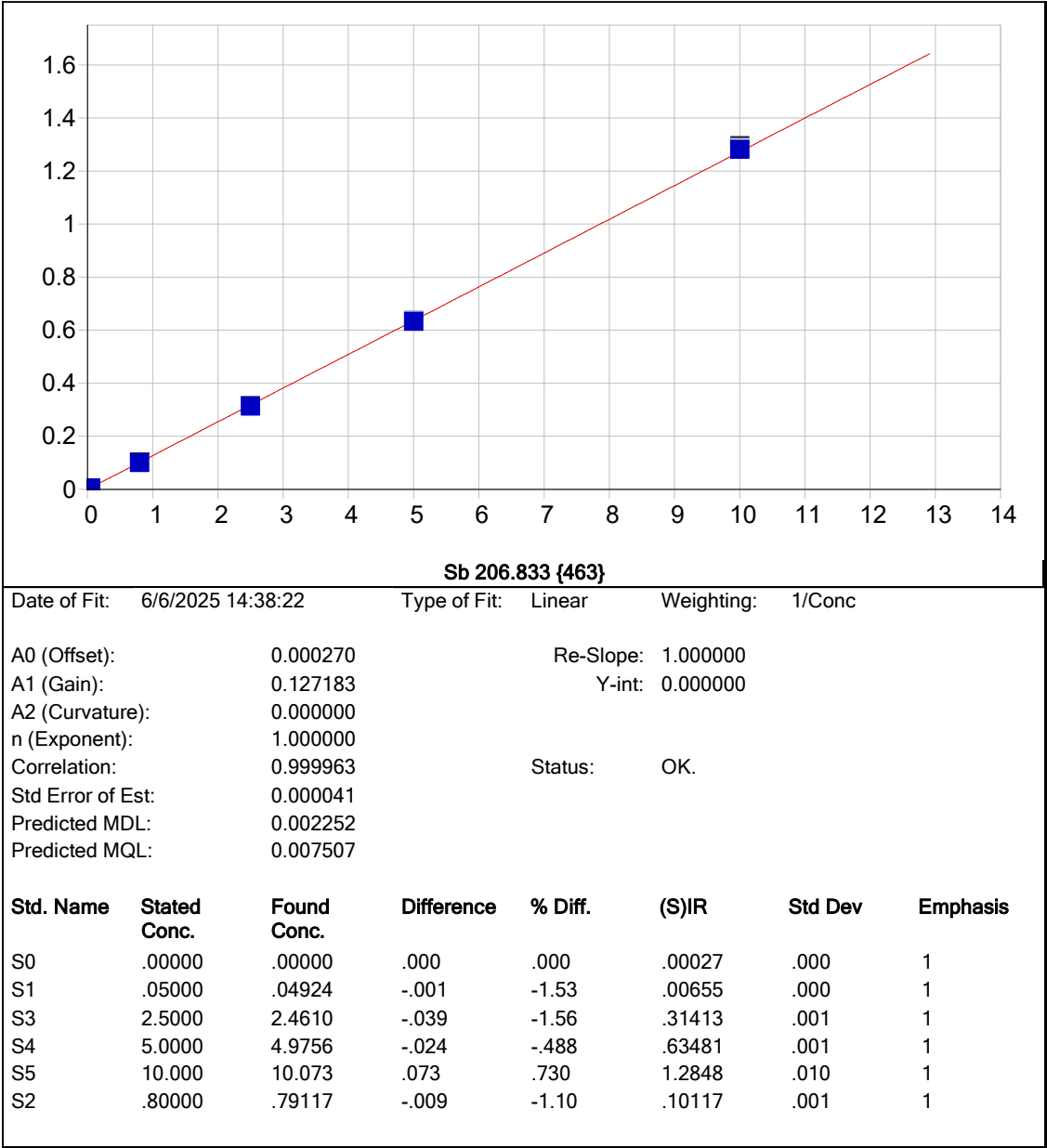
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

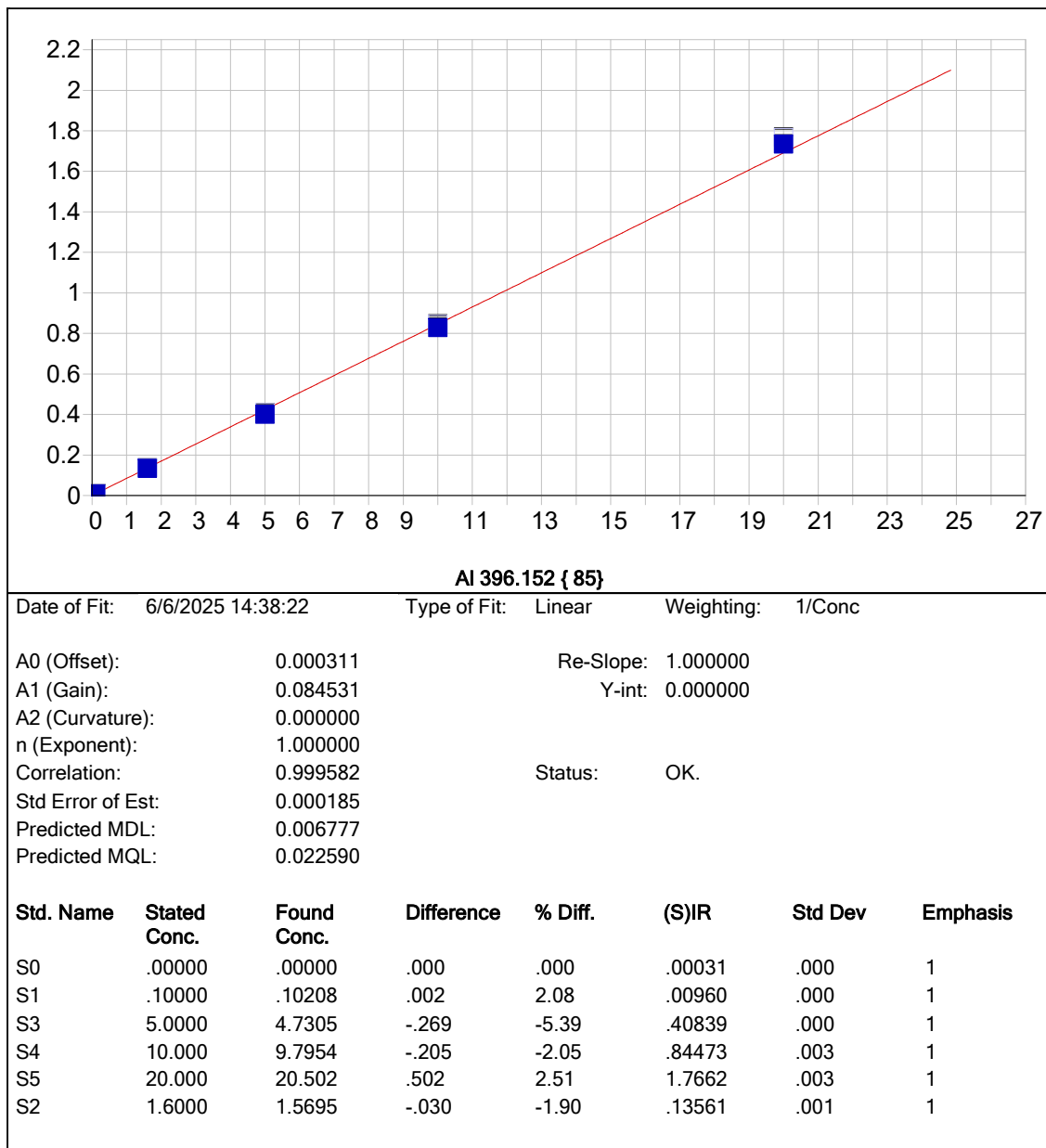
A0 (Offset): 0.000050 Re-Slope: 1.000000
A1 (Gain): 0.123211 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999959 Status: OK.
Std Error of Est: 0.000036
Predicted MDL: 0.001497
Predicted MQL: 0.004988

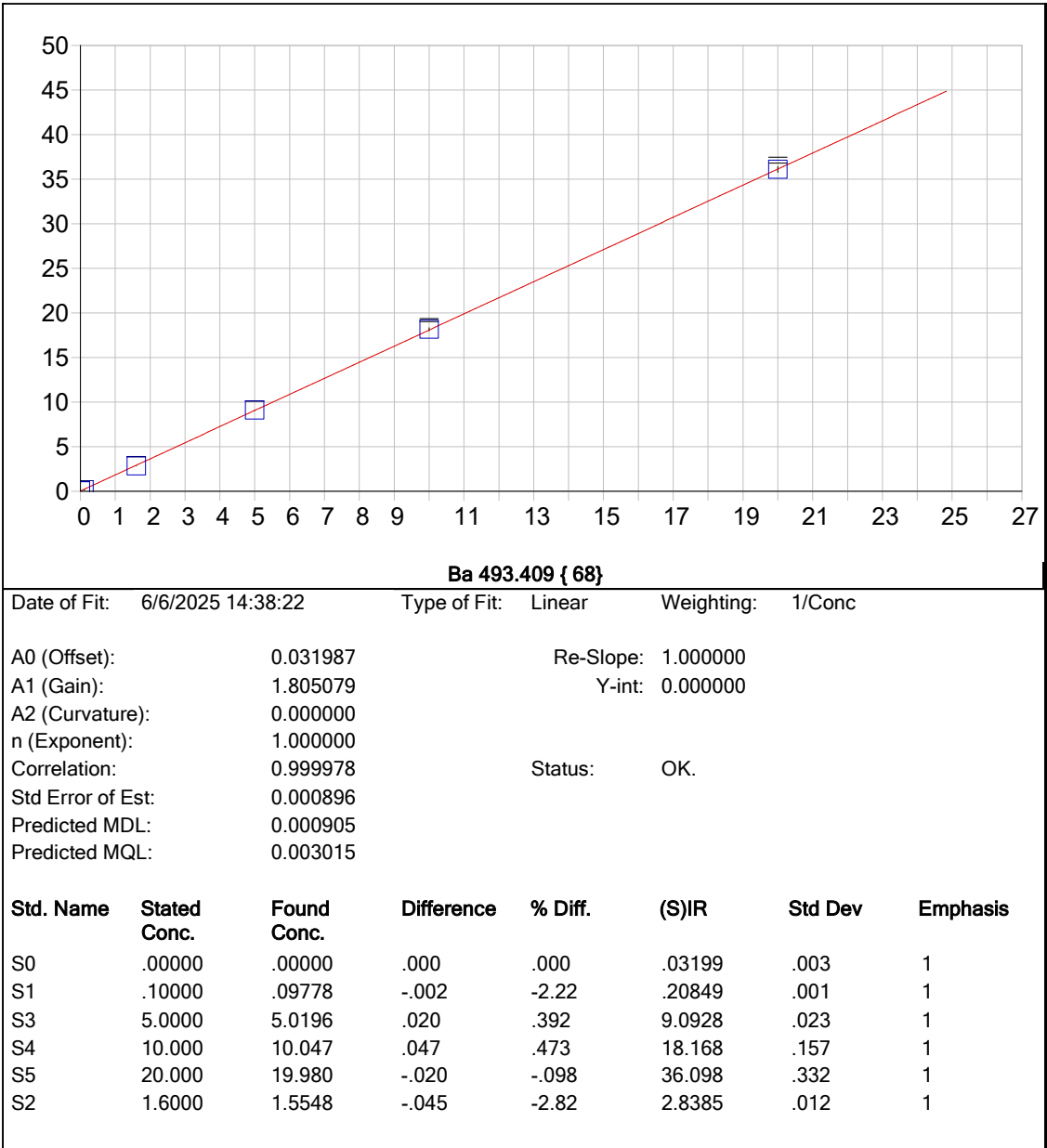
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.04000	.04054	.001	1.35	.00473	.000	1
S3	2.5000	2.4796	-.020	-.816	.29990	.002	1
S4	5.0000	4.9427	-.057	-1.15	.59772	.004	1
S5	10.000	10.079	.079	.789	1.2192	.006	1
S2	.80000	.79831	-.002	-.212	.09660	.001	1

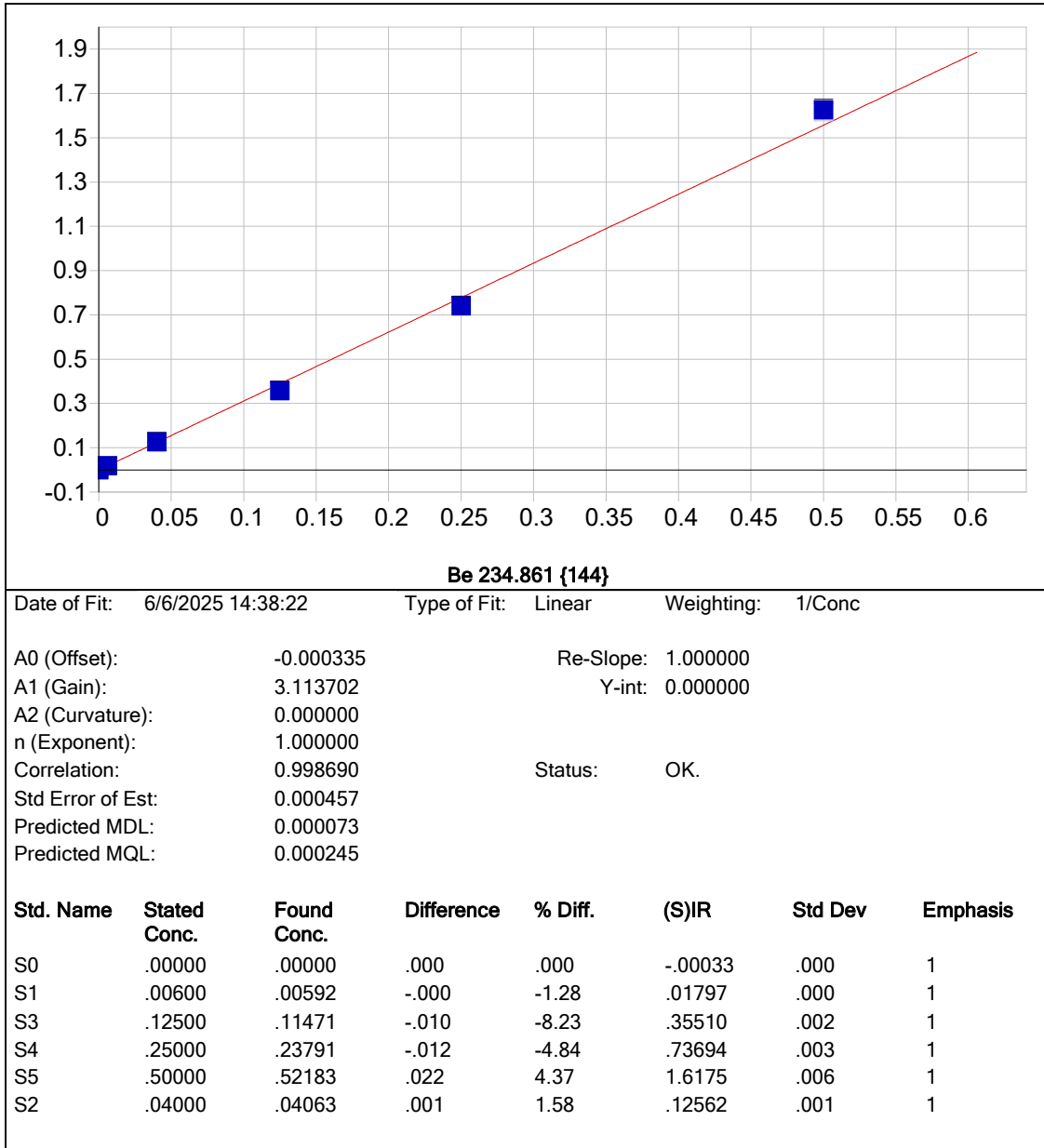


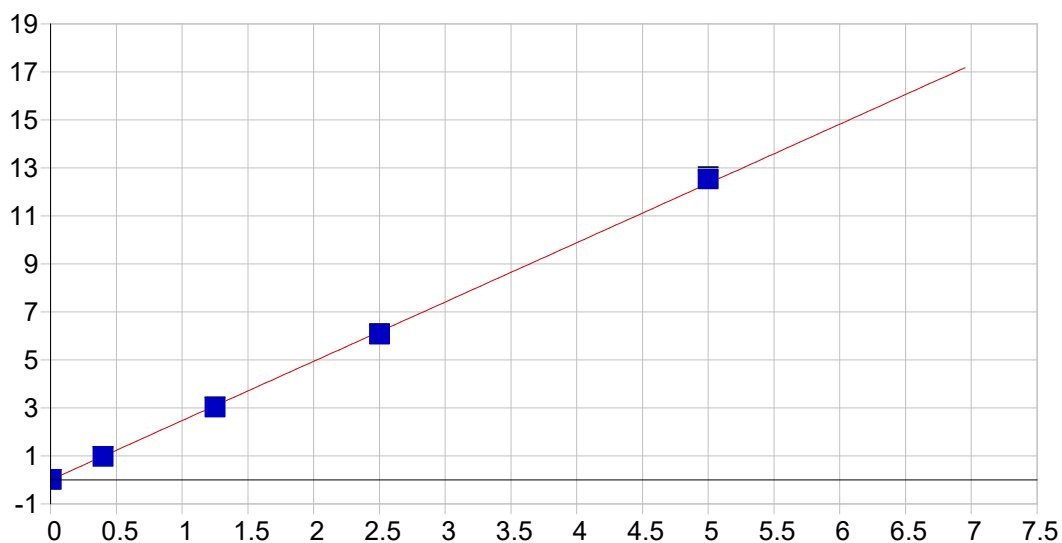










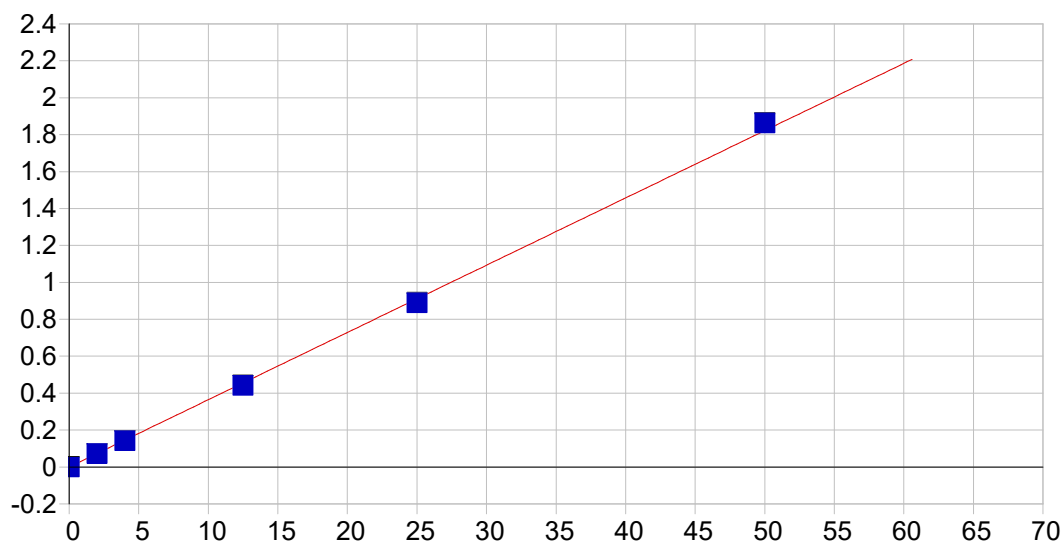


Cd 226.502 {449}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000081	Re-Slope:	1.000000
A1 (Gain):	2.470614	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000368		
Predicted MDL:	0.000103		
Predicted MQL:	0.000344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00008	.000	1
S1	.00600	.00610	.000	1.65	.01505	.000	1
S3	1.2500	1.2269	-.023	-1.85	3.0335	.004	1
S4	2.5000	2.4560	-.044	-1.76	6.0726	.016	1
S5	5.0000	5.0747	.075	1.49	12.547	.077	1
S2	.40000	.39234	-.008	-1.92	.97000	.009	1

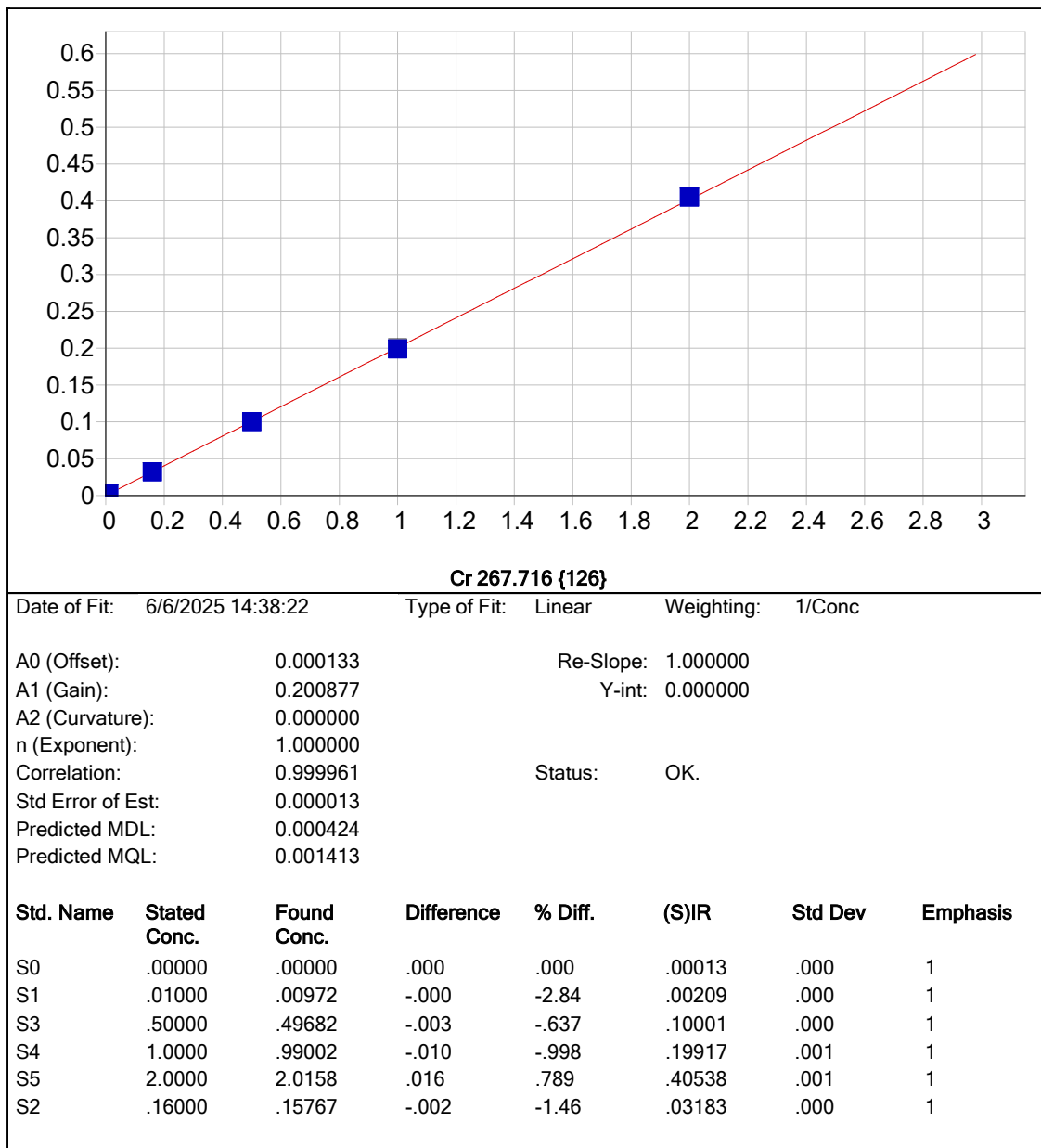


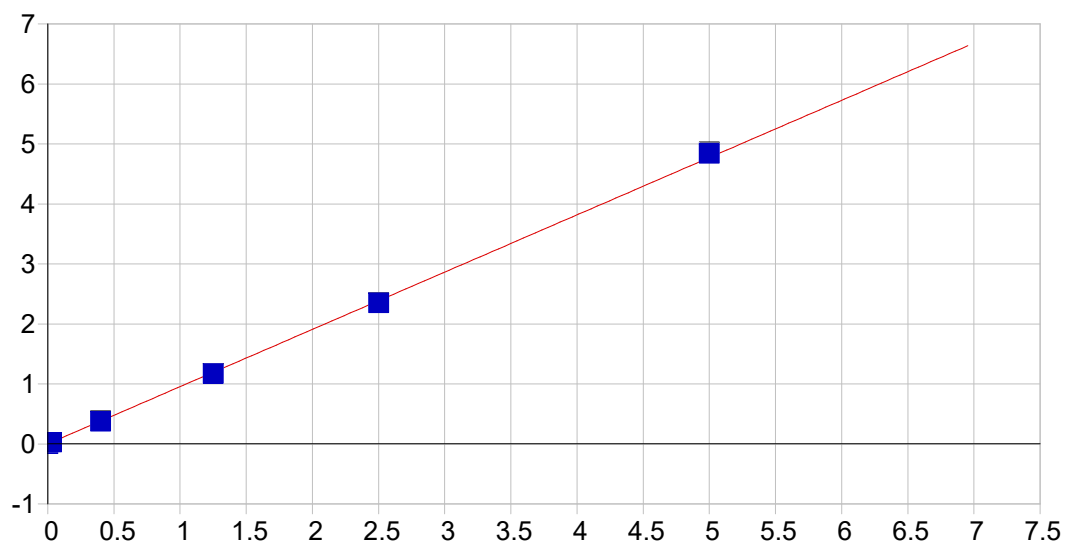
Ca 373.690 { 90}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
A1 (Gain): 0.036438 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999713 Status: OK.
Std Error of Est: 0.000462
Predicted MDL: 0.010673
Predicted MQL: 0.035576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	-.00005	.000	1
S2	4.0000	3.9033	-.097	-2.42	.14217	.000	1
S3	12.500	12.136	-.364	-2.91	.44214	.001	1
S4	25.000	24.385	-.615	-2.46	.88850	.003	1
S5	50.000	51.113	1.11	2.23	1.8624	.003	1
S1	2.0000	1.9621	-.038	-1.89	.07144	.001	1



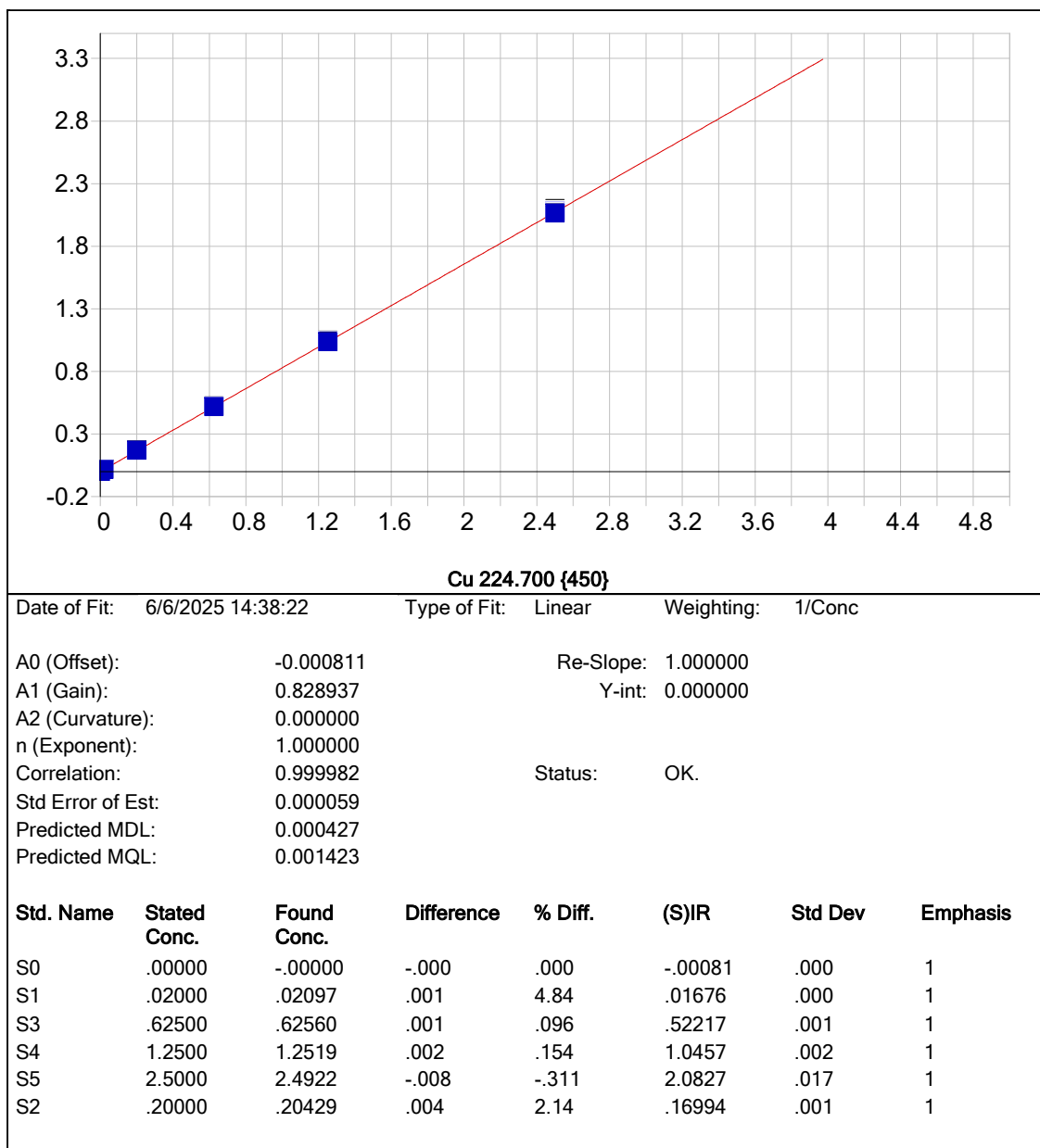


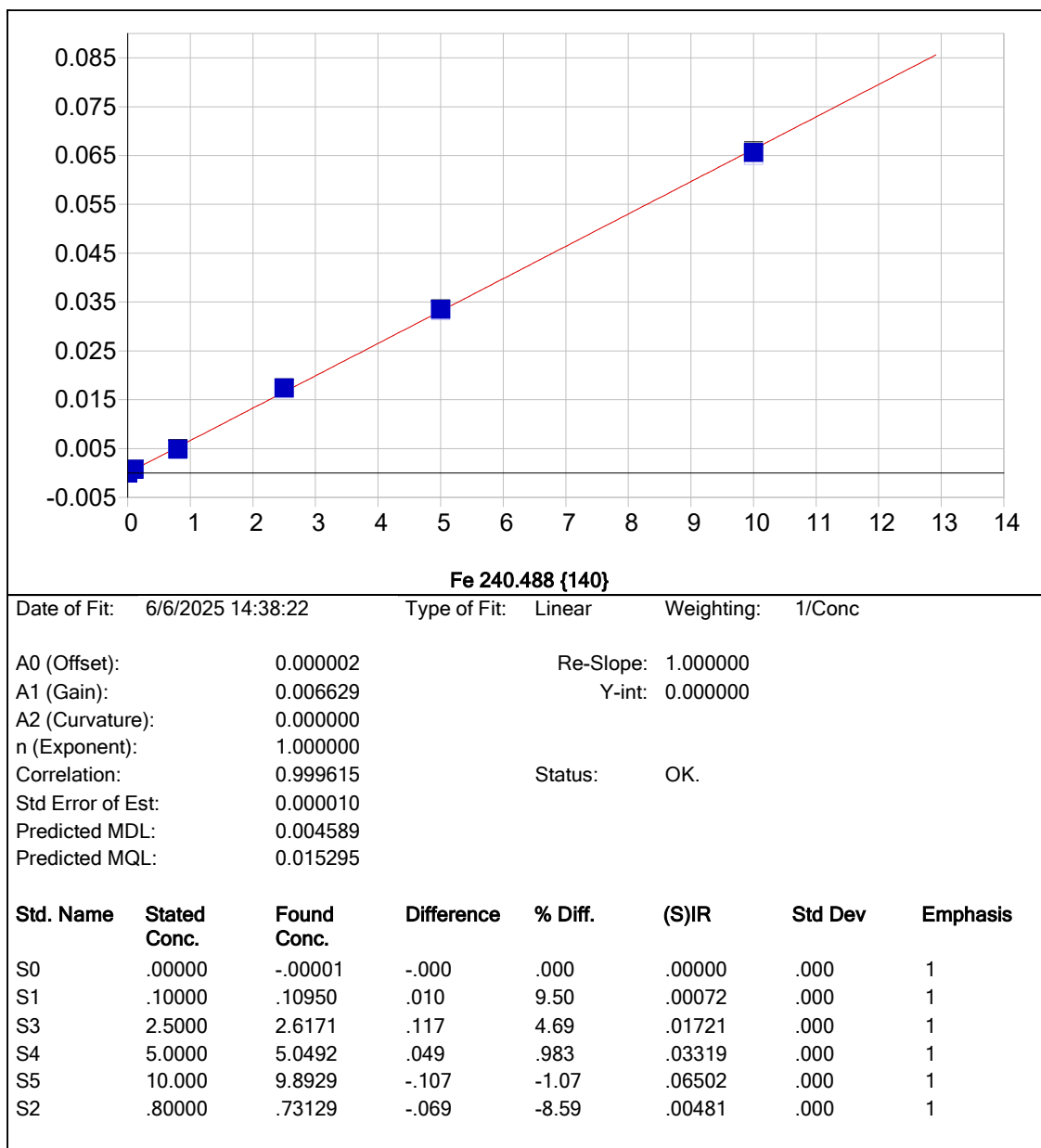
Co 228.616 {448}

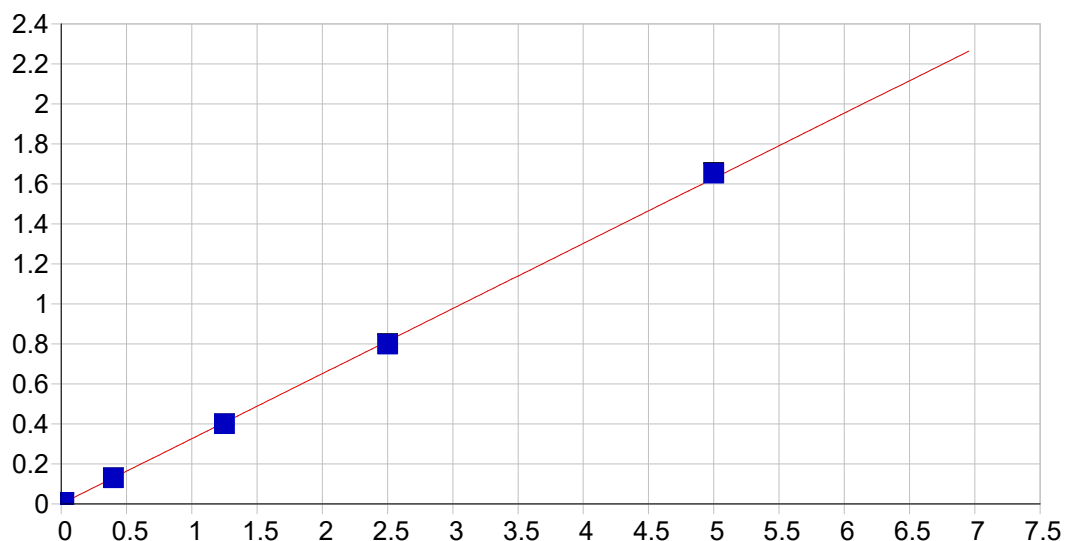
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000107	Re-Slope:	1.000000
A1 (Gain):	0.954428	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000309		
Predicted MDL:	0.000292		
Predicted MQL:	0.000973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.03000	.02959	-.000	-1.37	.02801	.000	1
S3	1.2500	1.2252	-.025	-1.98	1.1713	.001	1
S4	2.5000	2.4593	-.041	-1.63	2.3512	.005	1
S5	5.0000	5.0728	.073	1.46	4.8496	.016	1
S2	.40000	.39311	-.007	-1.72	.37574	.004	1





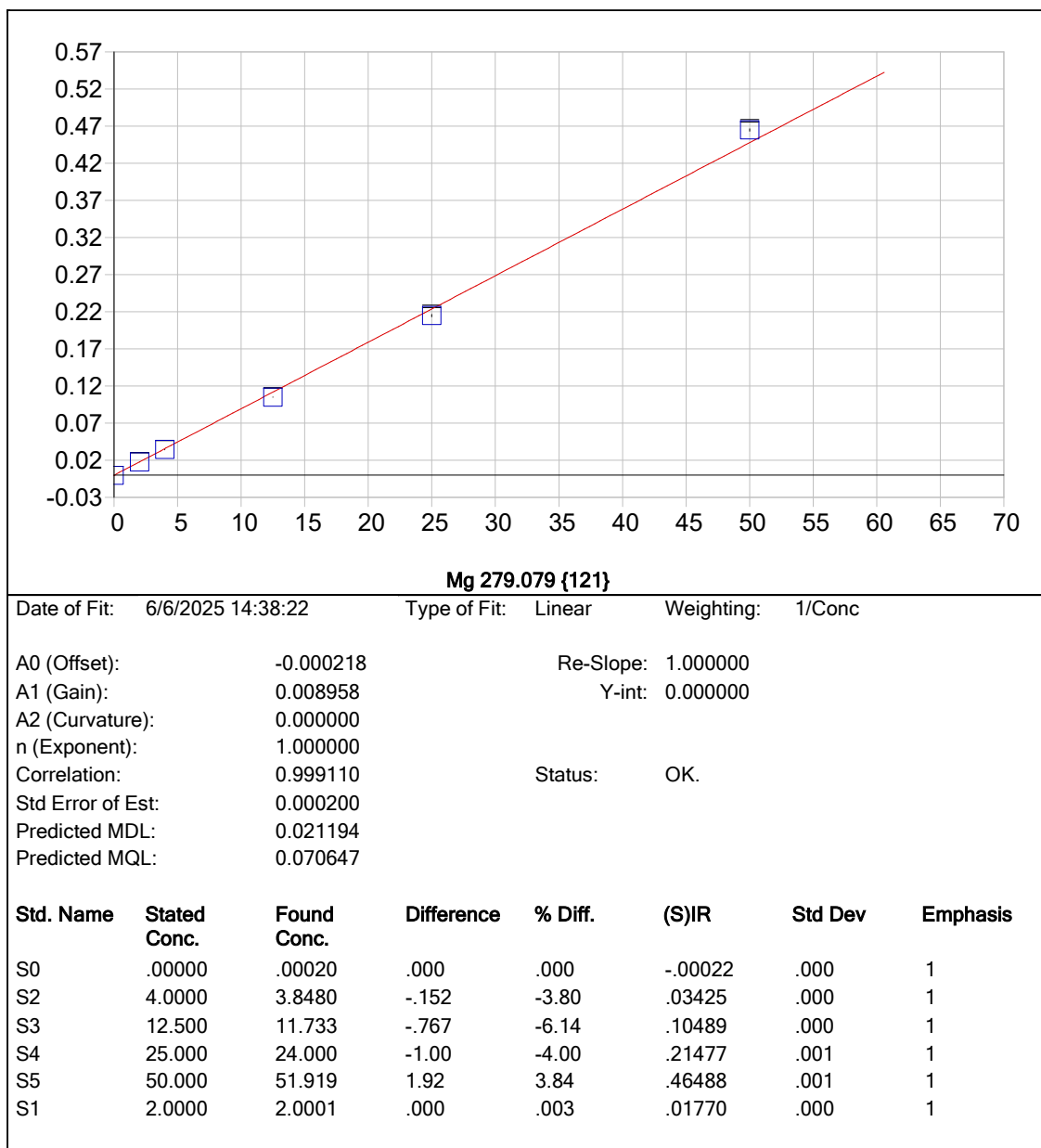


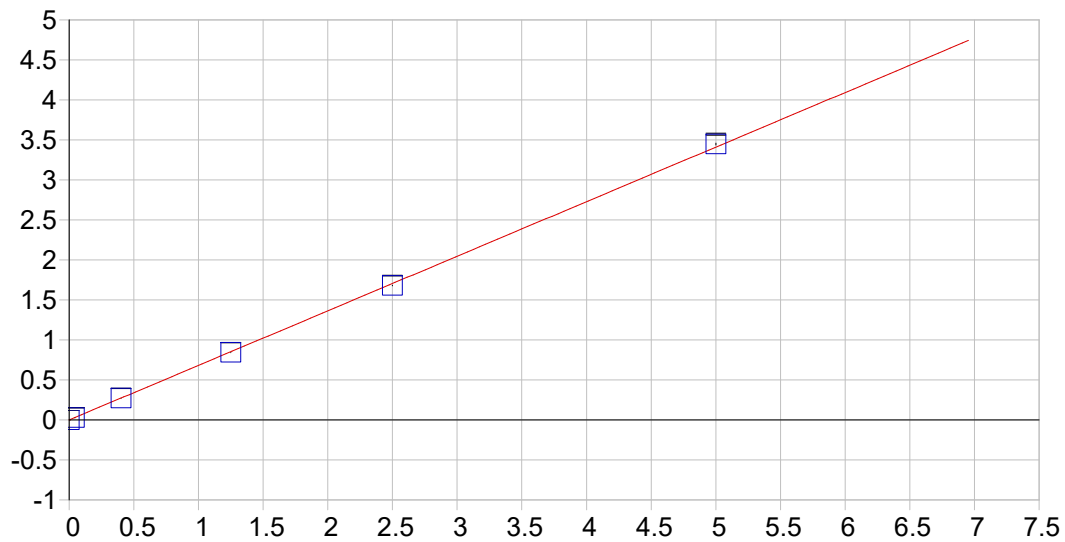
Mn 257.610 {131}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000206	Re-Slope:	1.000000
A1 (Gain):	0.325556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000443		
Predicted MQL:	0.001475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.02000	.01973	-.000	-1.34	.00663	.000	1
S3	1.2500	1.2264	-.024	-1.89	.39954	.002	1
S4	2.5000	2.4532	-.047	-1.87	.79901	.003	1
S5	5.0000	5.0741	.074	1.48	1.6524	.003	1
S2	.40000	.39664	-.003	-.839	.12936	.000	1



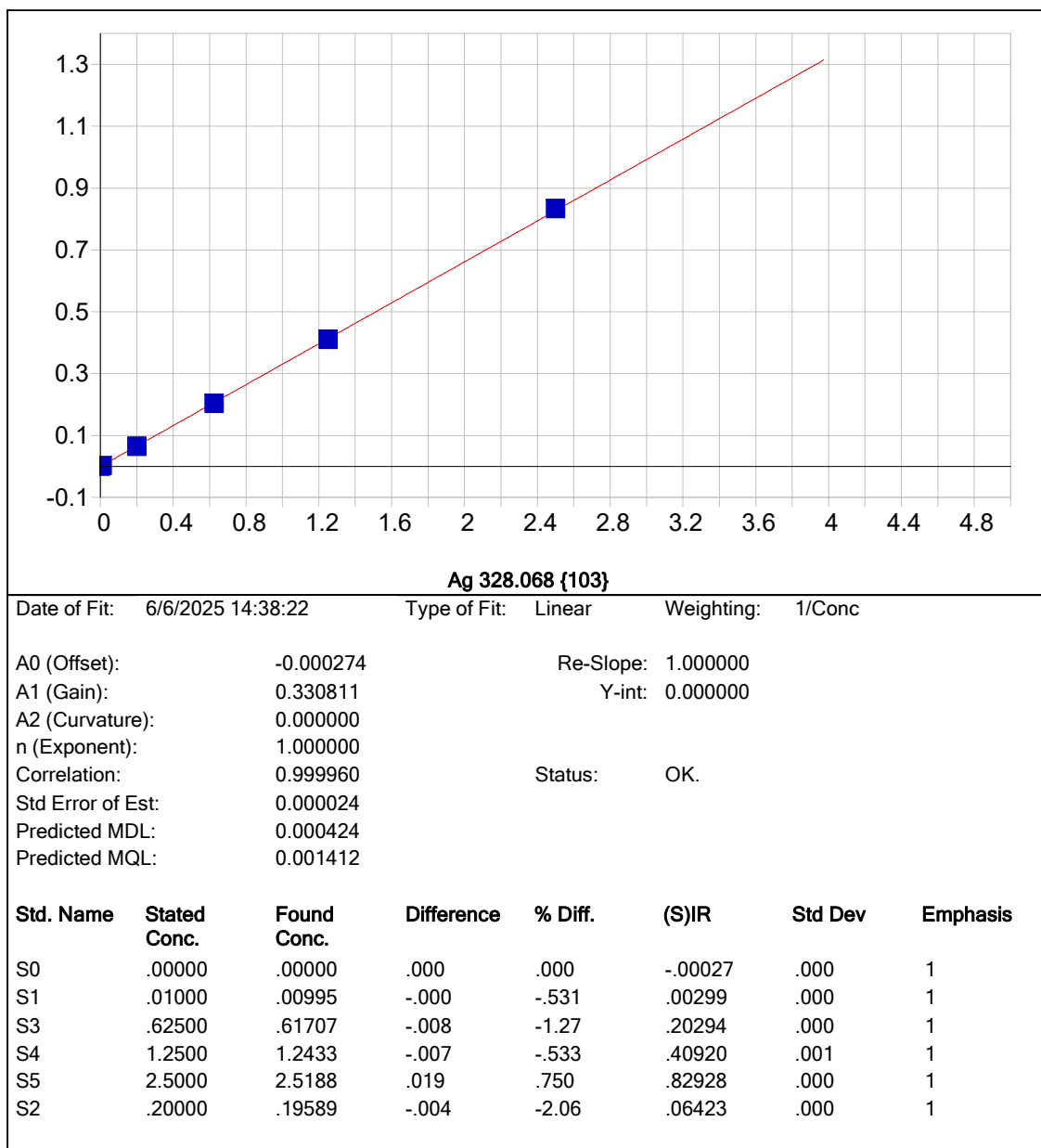


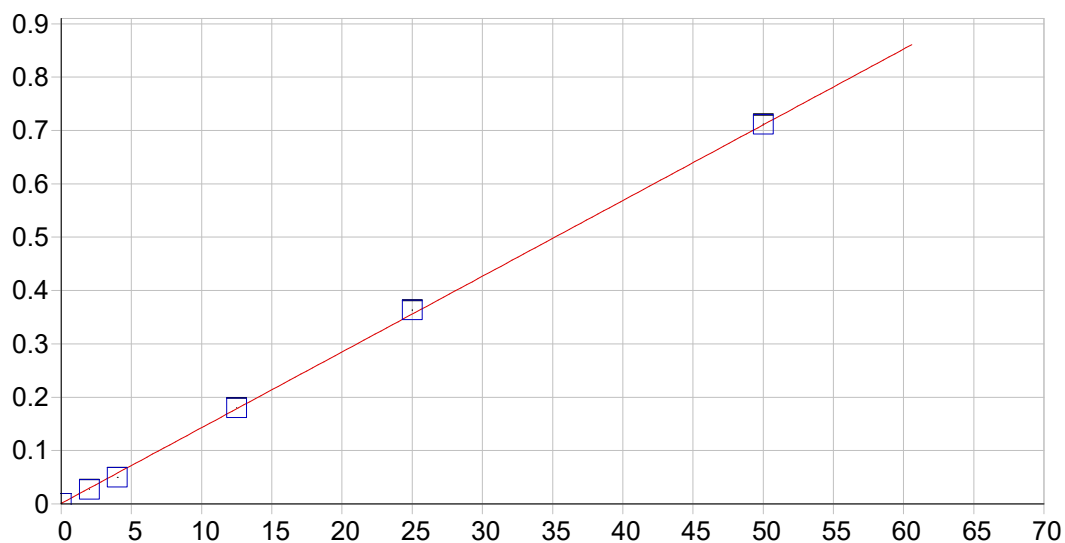
Ni 231.604 {446}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000365 Re-Slope: 1.000000
A1 (Gain): 0.682046 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999926 Status: OK.
Std Error of Est: 0.000195
Predicted MDL: 0.000371
Predicted MQL: 0.001236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.04000	.04005	.000	.129	.02695	.000	1
S3	1.2500	1.2356	-.014	-1.16	.84234	.001	1
S4	2.5000	2.4619	-.038	-1.53	1.6787	.004	1
S5	5.0000	5.0548	.055	1.10	3.4473	.013	1
S2	.40000	.39770	-.002	-.575	.27089	.002	1



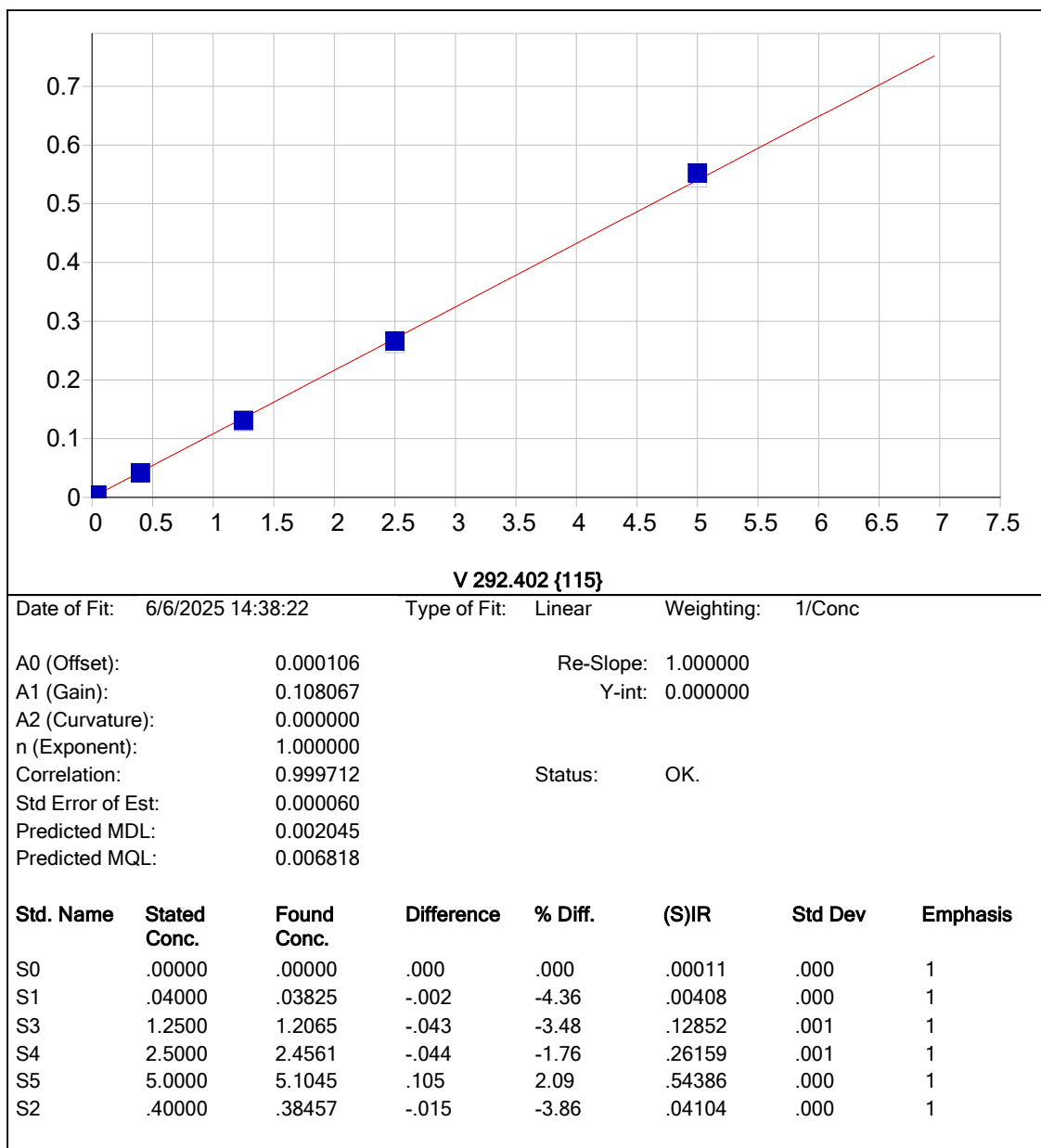


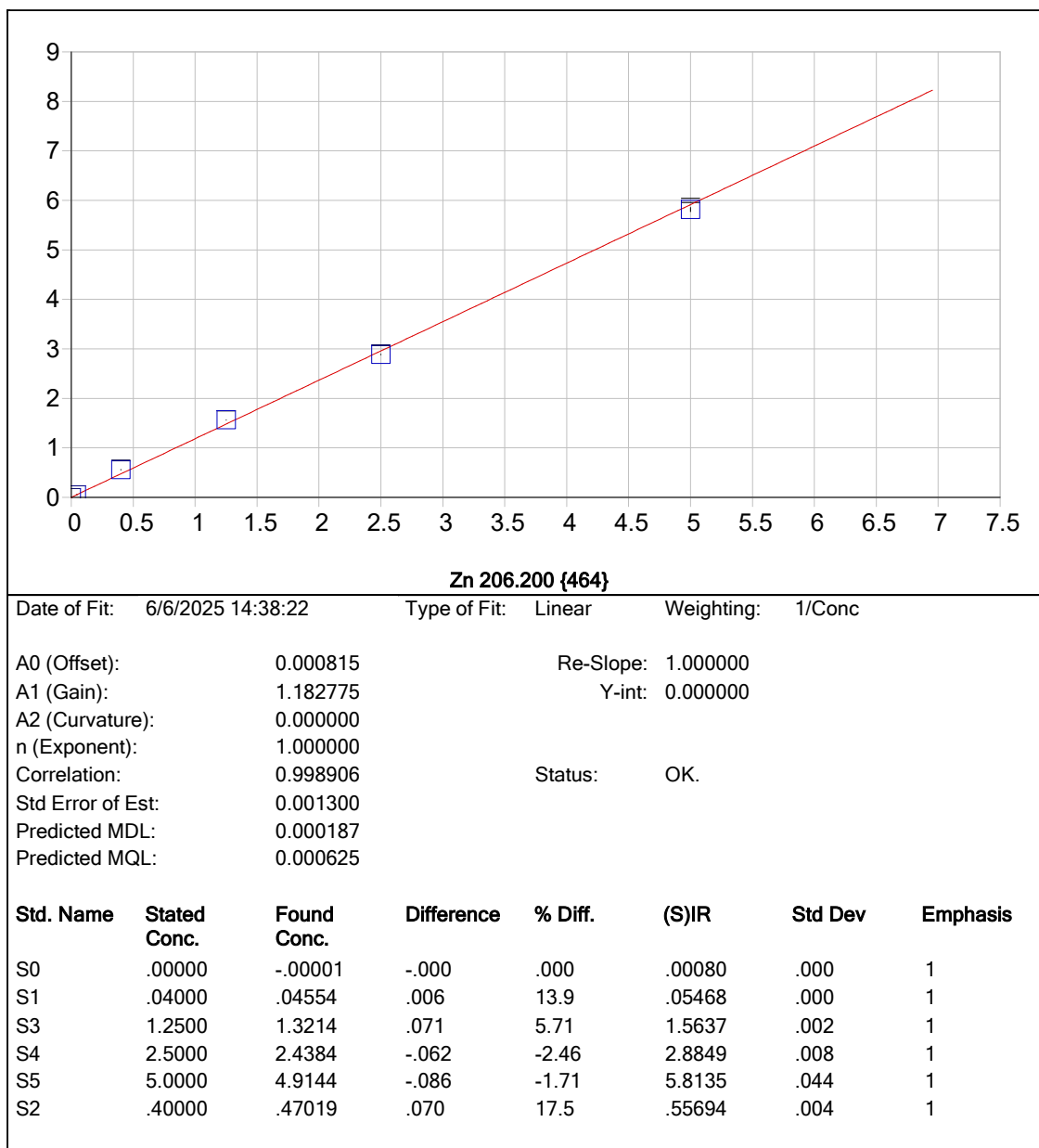
Na 589.592 { 57}

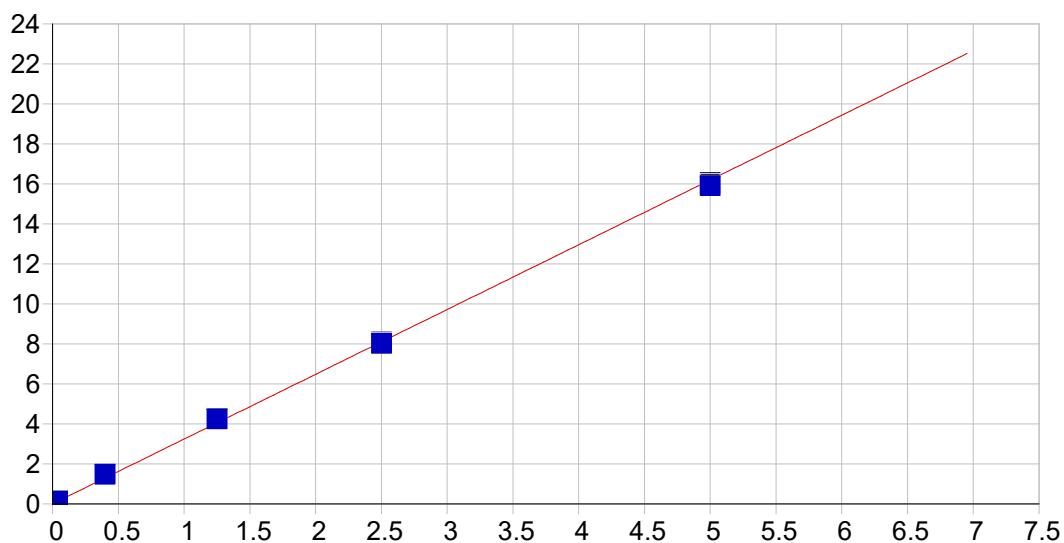
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001016 Re-Slope: 1.000000
A1 (Gain): 0.014191 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999451 Status: OK.
Std Error of Est: 0.000249
Predicted MDL: 0.018316
Predicted MQL: 0.061053

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.00102	.000	1
S2	4.0000	3.4437	-.556	-13.9	.04989	.000	1
S3	12.500	12.630	.130	1.04	.18024	.001	1
S4	25.000	25.535	.535	2.14	.36338	.001	1
S5	50.000	50.050	.050	.099	.71127	.001	1
S1	2.0000	1.8422	-.158	-7.89	.02716	.000	1





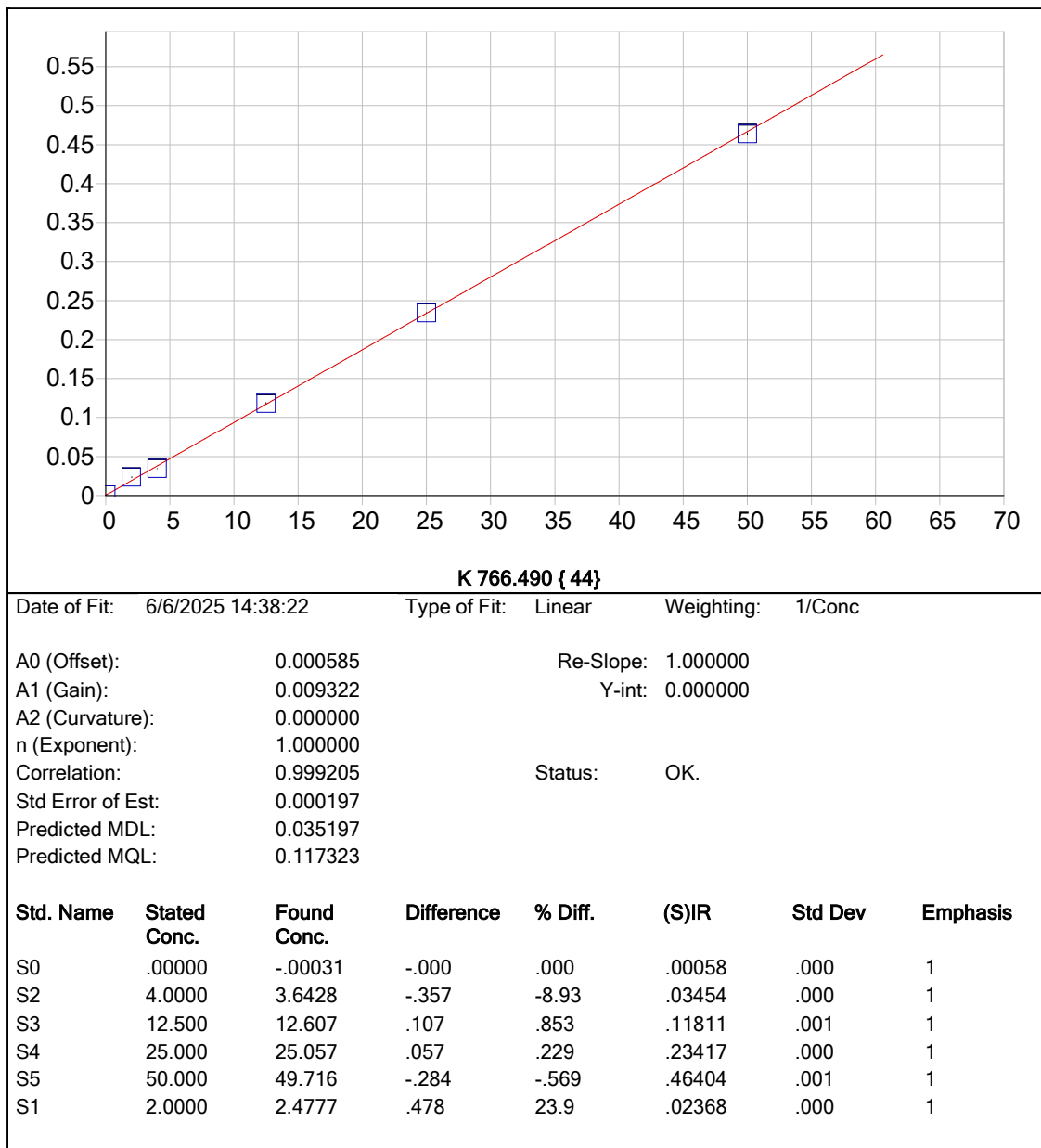


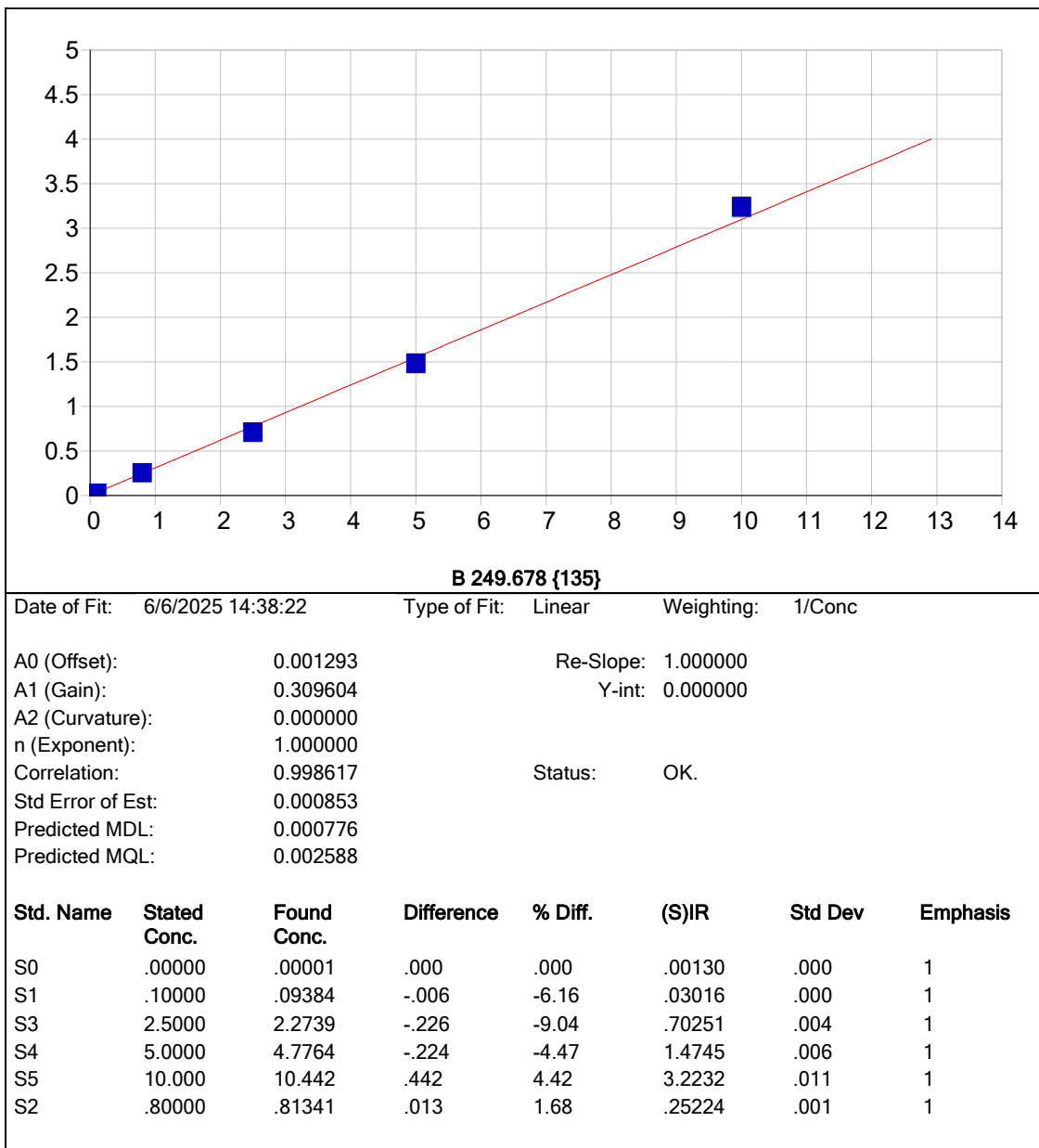
Zn 213.856 {158}

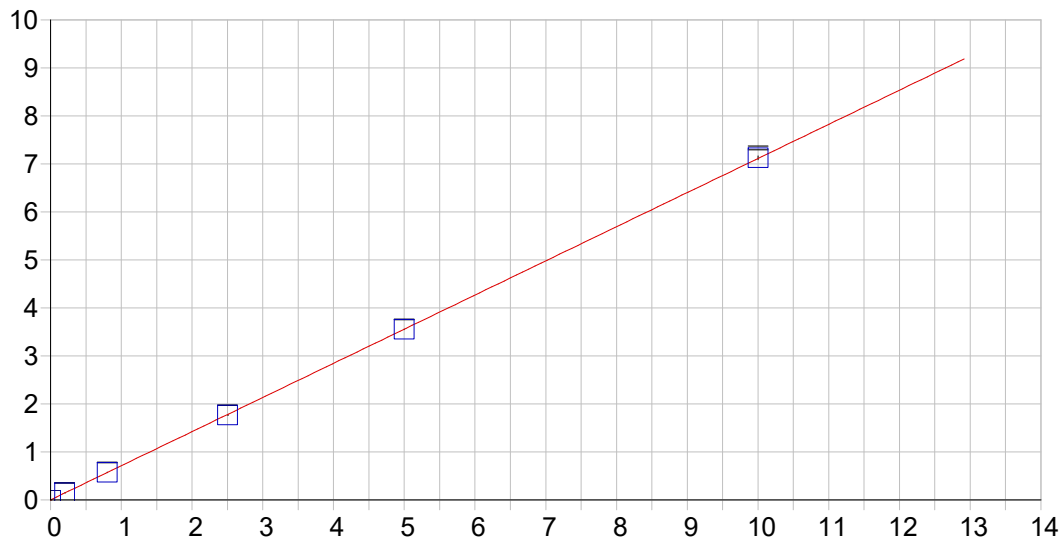
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003986 Re-Slope: 1.000000
A1 (Gain): 3.238295 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999336 Status: OK.
Std Error of Est: 0.002791
Predicted MDL: 0.000295
Predicted MQL: 0.000983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00395	.000	1
S1	.04000	.04546	.005	13.6	.15210	.001	1
S3	1.2500	1.3062	.056	4.50	4.2621	.010	1
S4	2.5000	2.4749	-.025	-1.00	8.0747	.018	1
S5	5.0000	4.9097	-.090	-1.81	16.015	.042	1
S2	.40000	.45379	.054	13.4	1.4825	.006	1





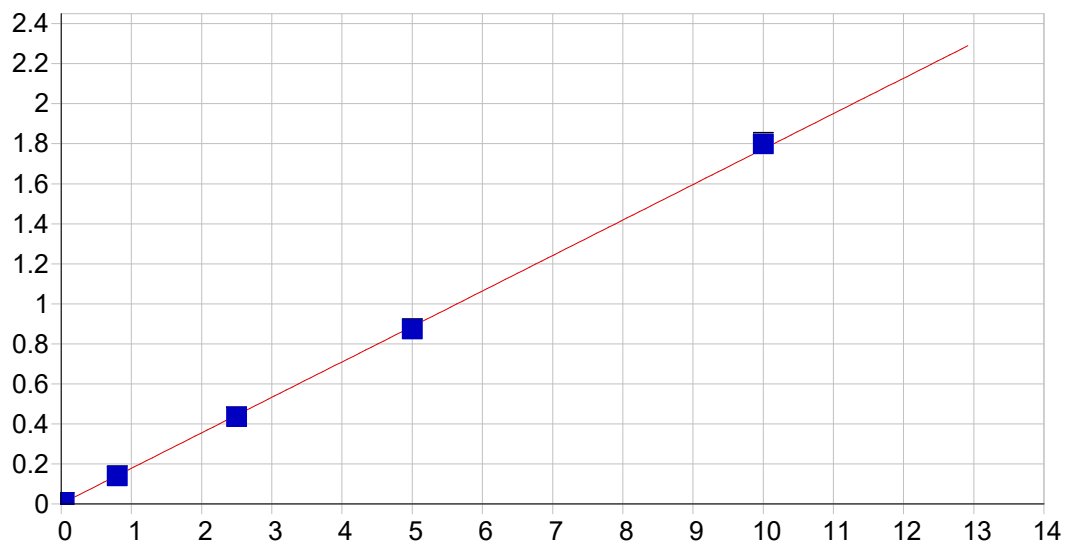


Mo 202.030 {467}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000383 Re-Slope: 1.000000
A1 (Gain): 0.711312 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999992 Status: OK.
Std Error of Est: 0.000207
Predicted MDL: 0.000304
Predicted MQL: 0.001014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.20000	.20250	.002	1.25	.14442	.000	1
S3	2.5000	2.4807	-.019	-.774	1.7649	.001	1
S4	5.0000	4.9936	-.006	-.128	3.5524	.009	1
S5	10.000	10.016	.016	.159	7.1248	.040	1
S2	.80000	.80733	.007	.917	.57465	.005	1

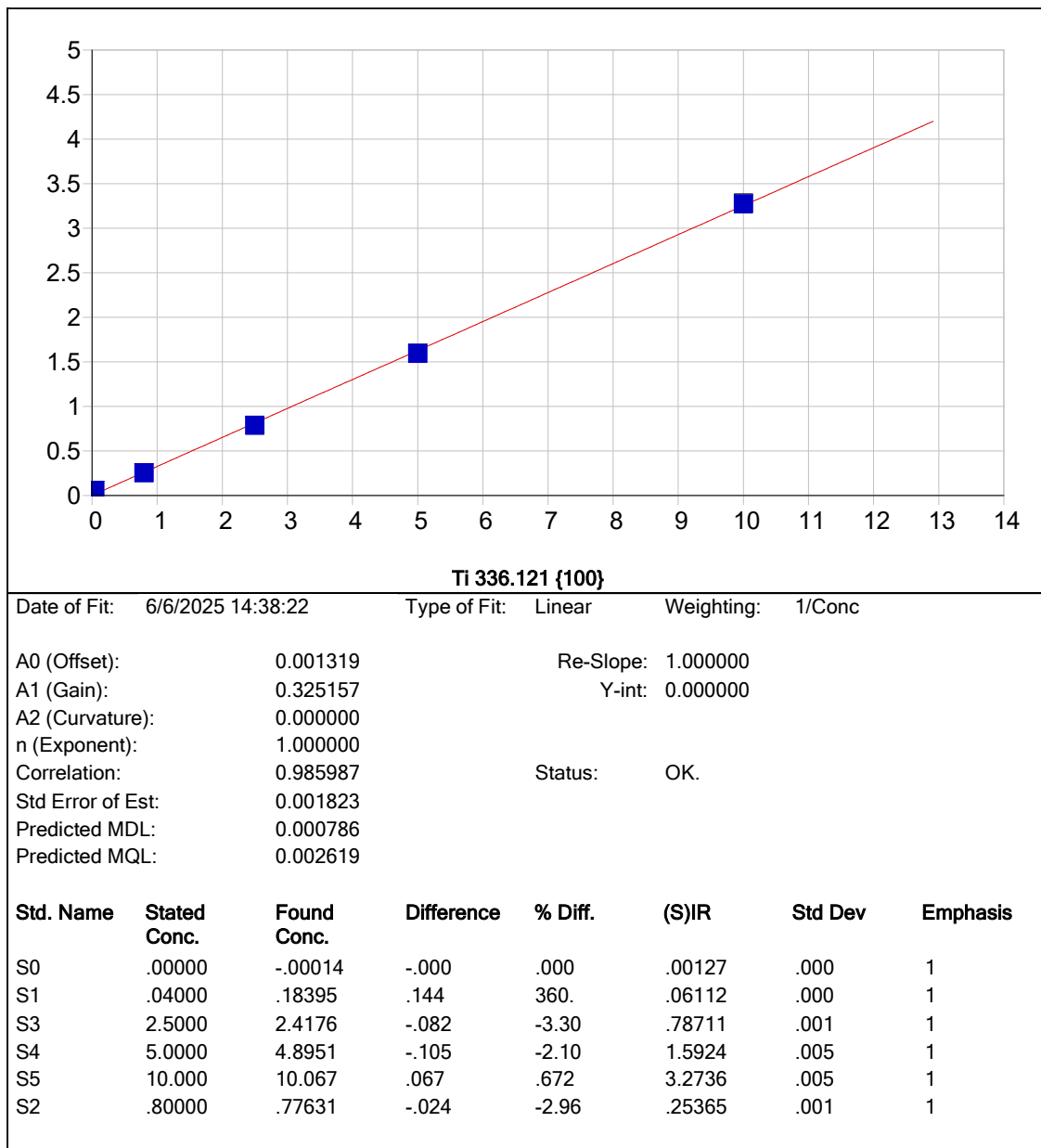


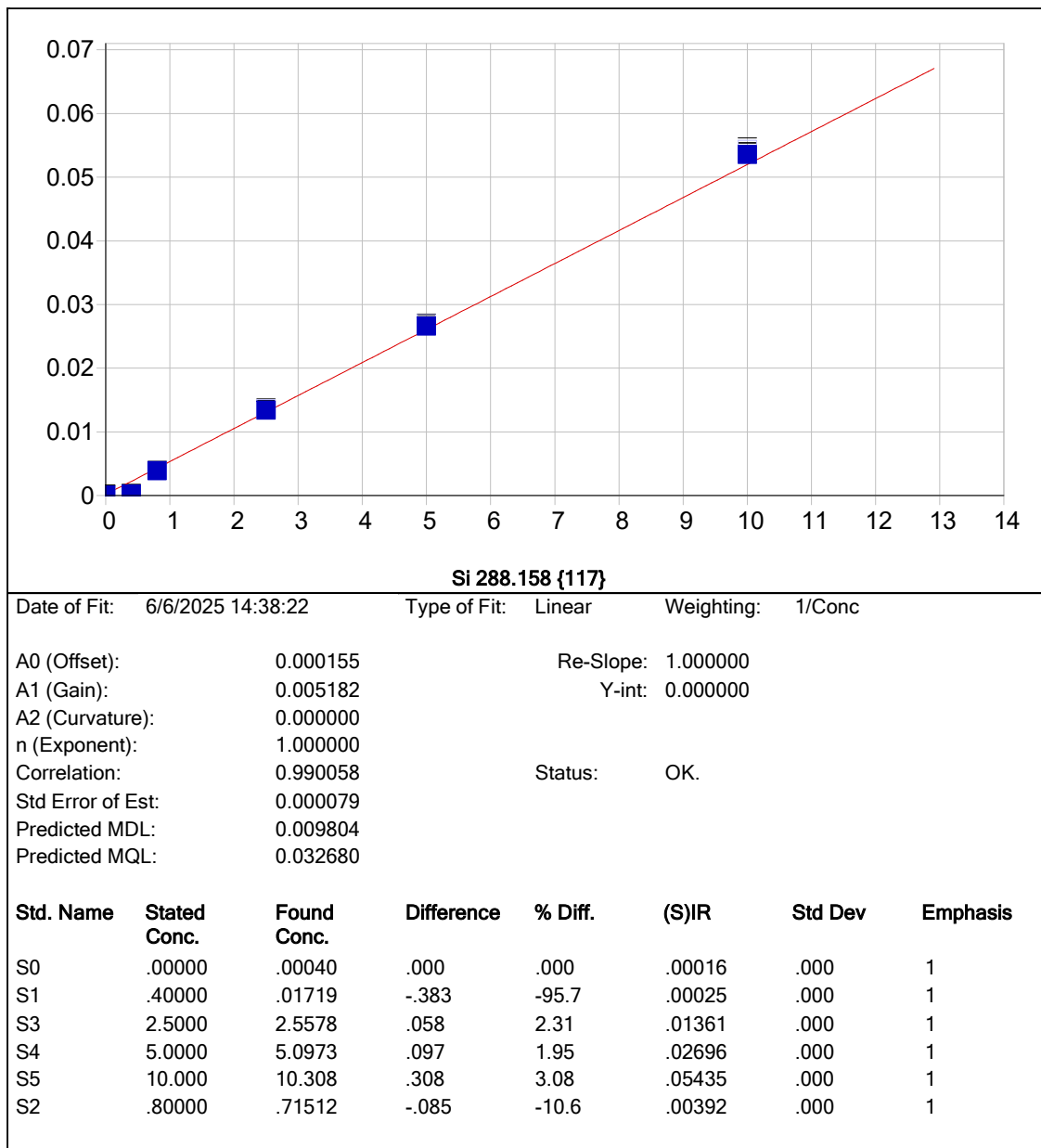
Sn 189.989 {478}

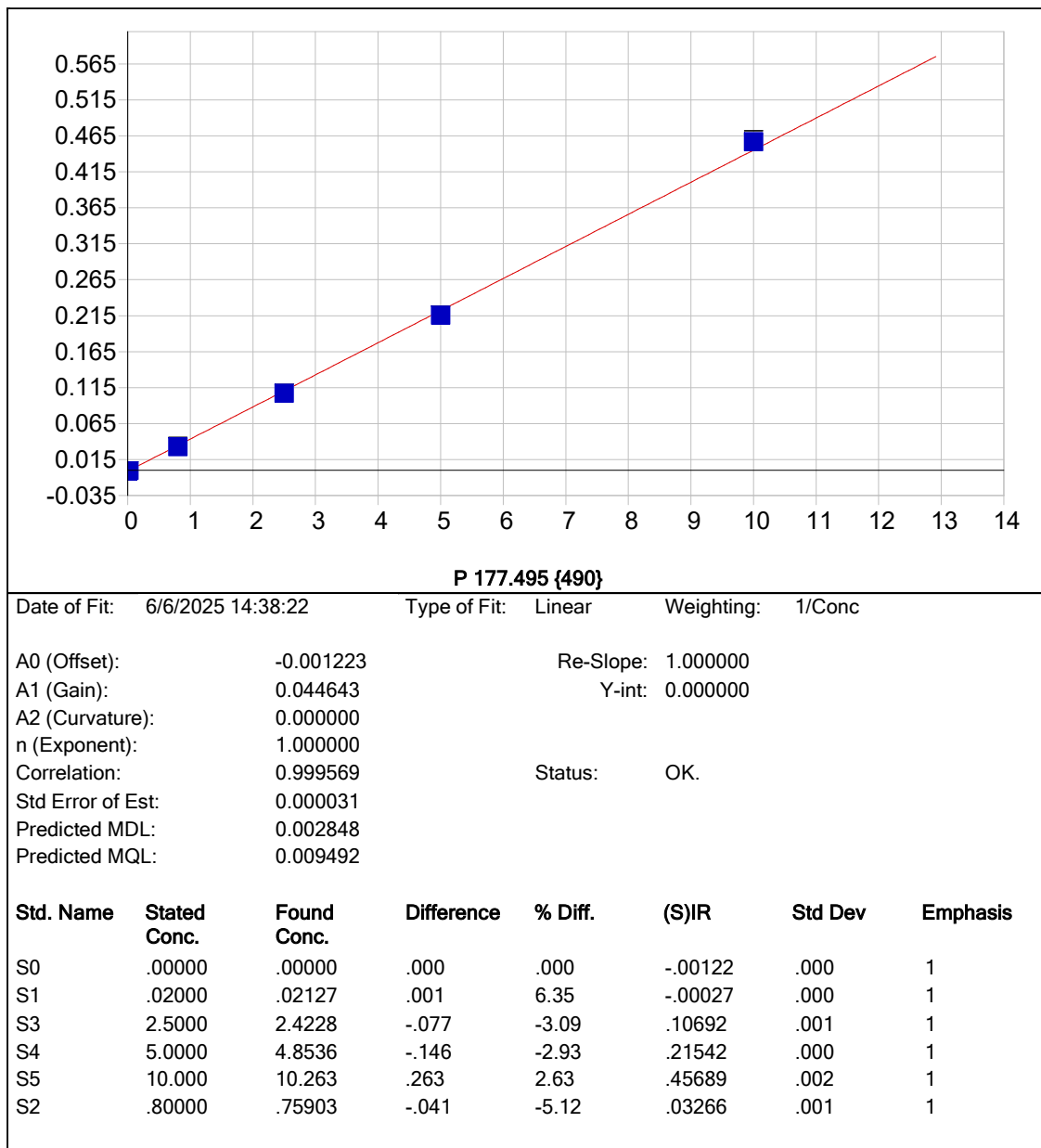
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

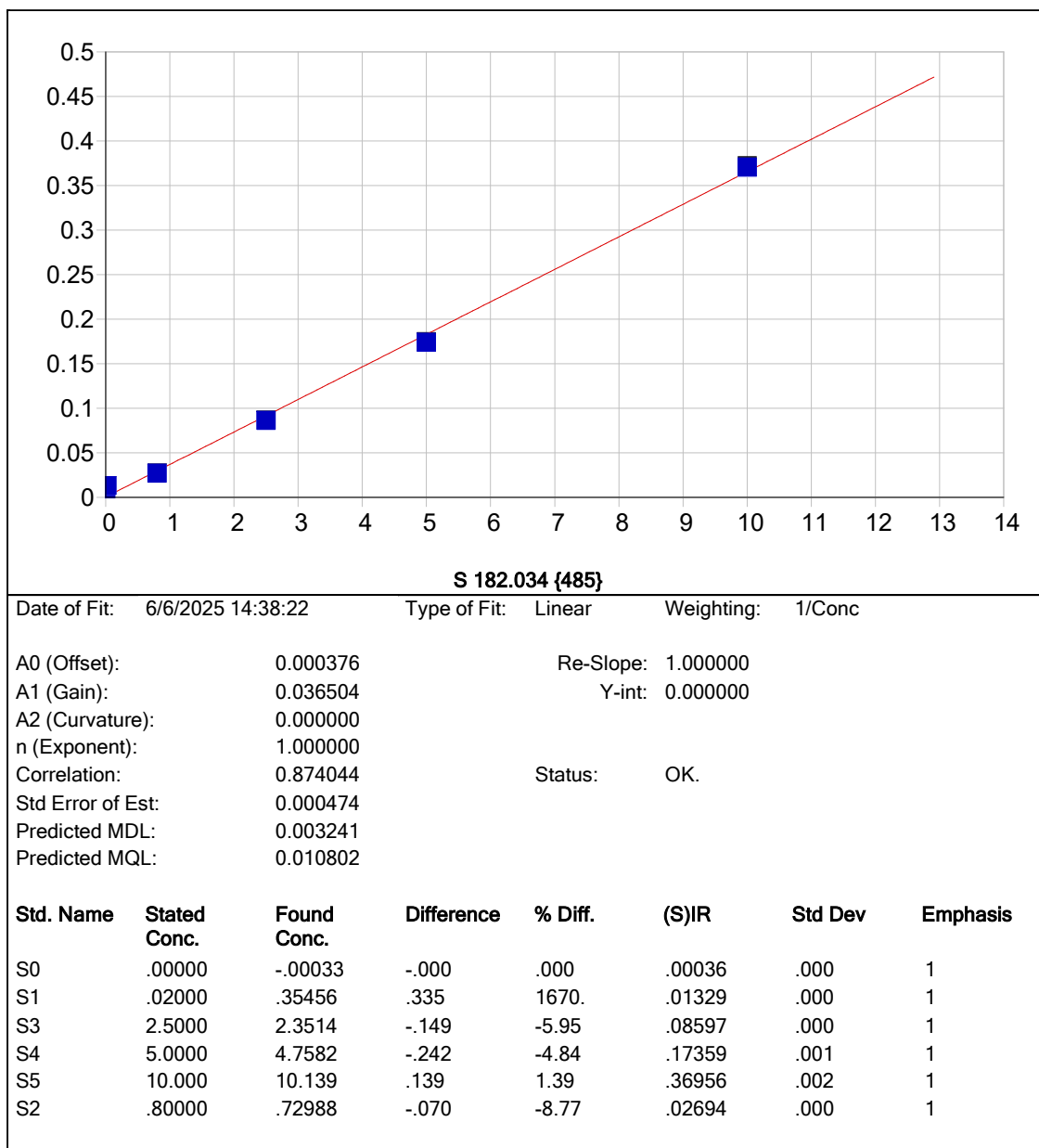
A0 (Offset): 0.000554 Re-Slope: 1.000000
A1 (Gain): 0.177243 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999873 Status: OK.
Std Error of Est: 0.000093
Predicted MDL: 0.000738
Predicted MQL: 0.002461

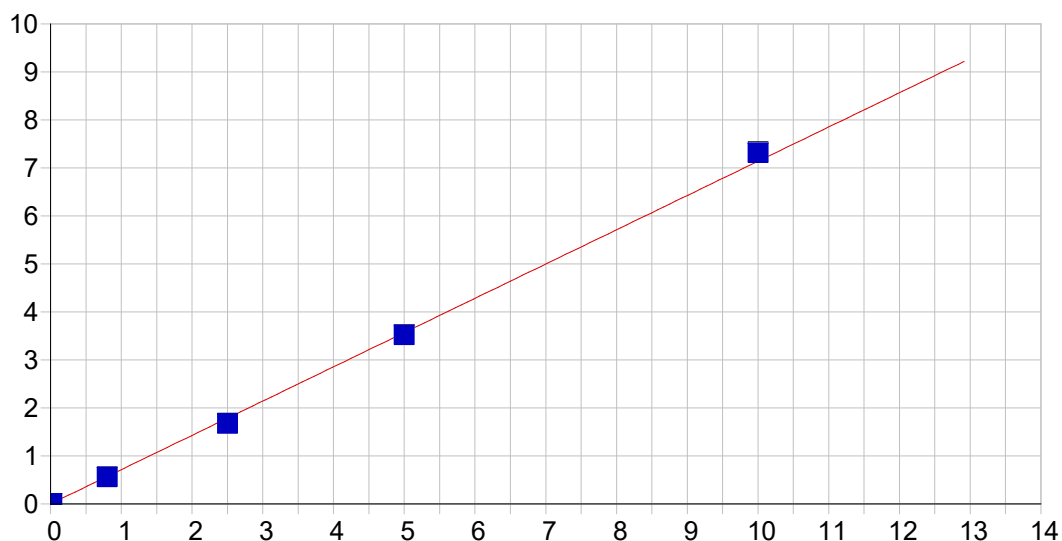
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.04000	.03775	-.002	-5.62	.00724	.000	1
S3	2.5000	2.4535	-.046	-1.86	.43497	.001	1
S4	5.0000	4.9246	-.075	-1.51	.87250	.002	1
S5	10.000	10.143	.143	1.43	1.7966	.009	1
S2	.80000	.78083	-.019	-2.40	.13881	.001	1









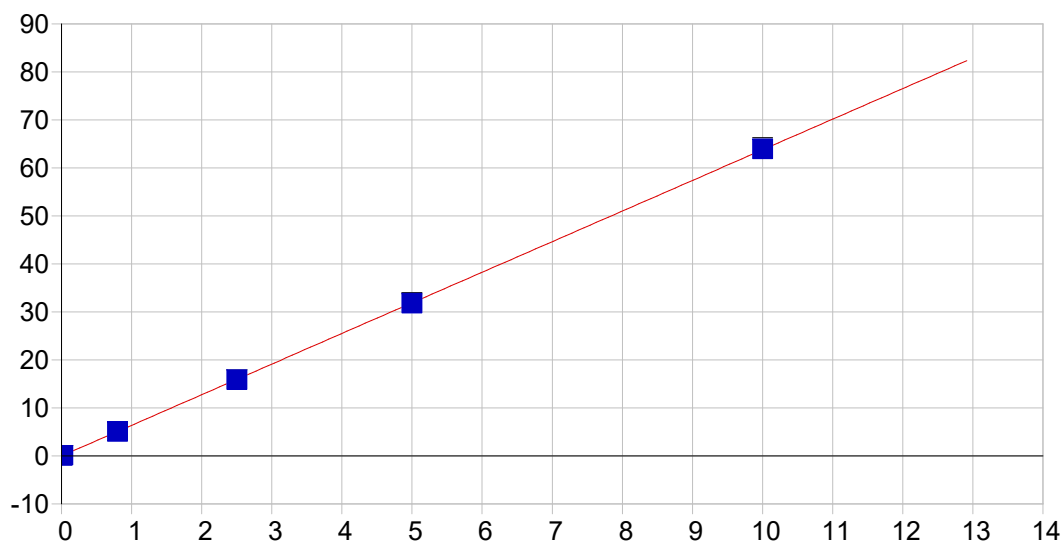


Li 670.784 { 50}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000500 Re-Slope: 1.000000
A1 (Gain): 0.713785 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999528 Status: OK.
Std Error of Est: 0.000514
Predicted MDL: 0.001107
Predicted MQL: 0.003691

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S5	10.000	10.246	.246	2.46	7.3178	.016	1
S4	5.0000	4.9293	-.071	-1.41	3.5207	.004	1
S3	2.5000	2.3445	-.155	-6.22	1.6749	.005	1
S1	.02000	.01832	-.002	-8.38	.01381	.000	1
S2	.80000	.78147	-.019	-2.32	.55858	.003	1

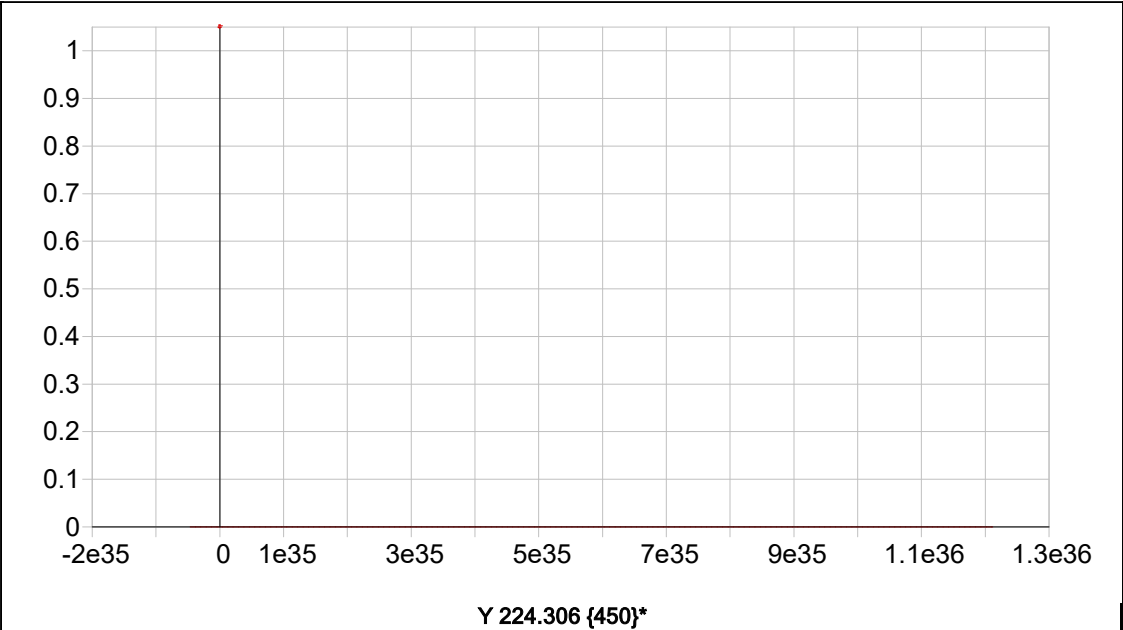


Sr 407.771 { 83}

Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

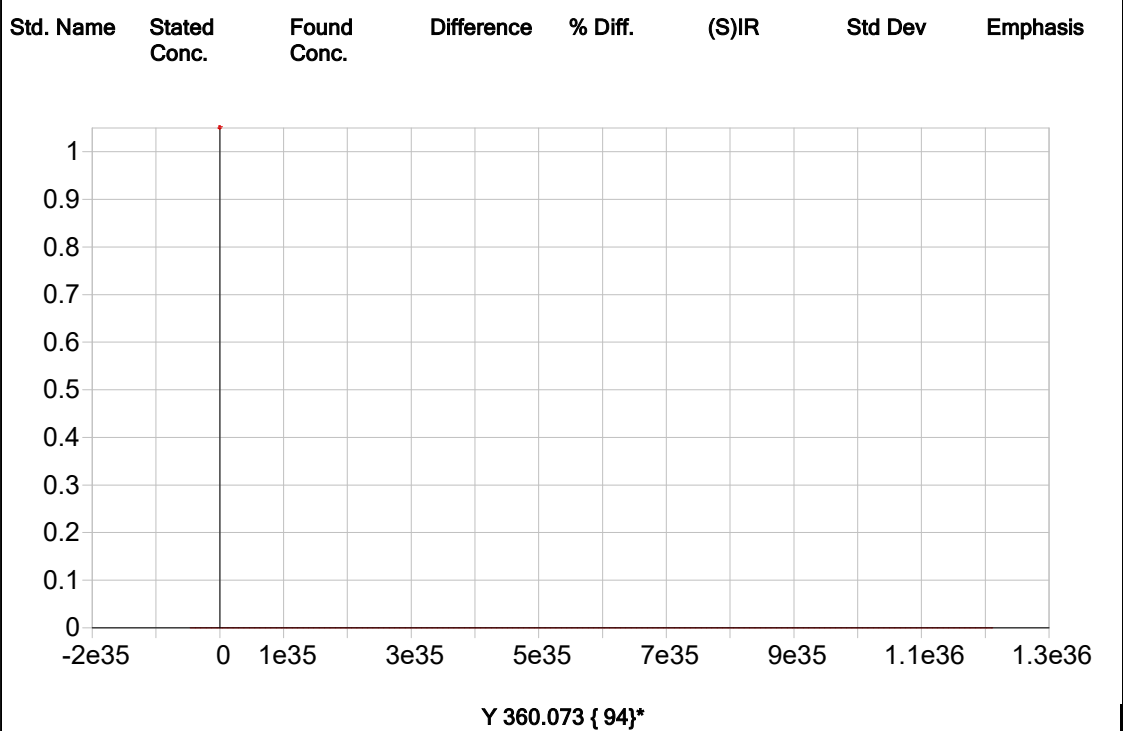
A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	6.377004	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000548		
Predicted MDL:	0.000080		
Predicted MQL:	0.000265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.02000	.02048	.000	2.39	.13126	.000	1
S3	2.5000	2.4905	-.010	-.381	15.897	.056	1
S4	5.0000	4.9870	-.013	-.259	31.833	.125	1
S5	10.000	10.030	.030	.298	64.021	.181	1
S2	.80000	.79220	-.008	-.974	5.0568	.025	1



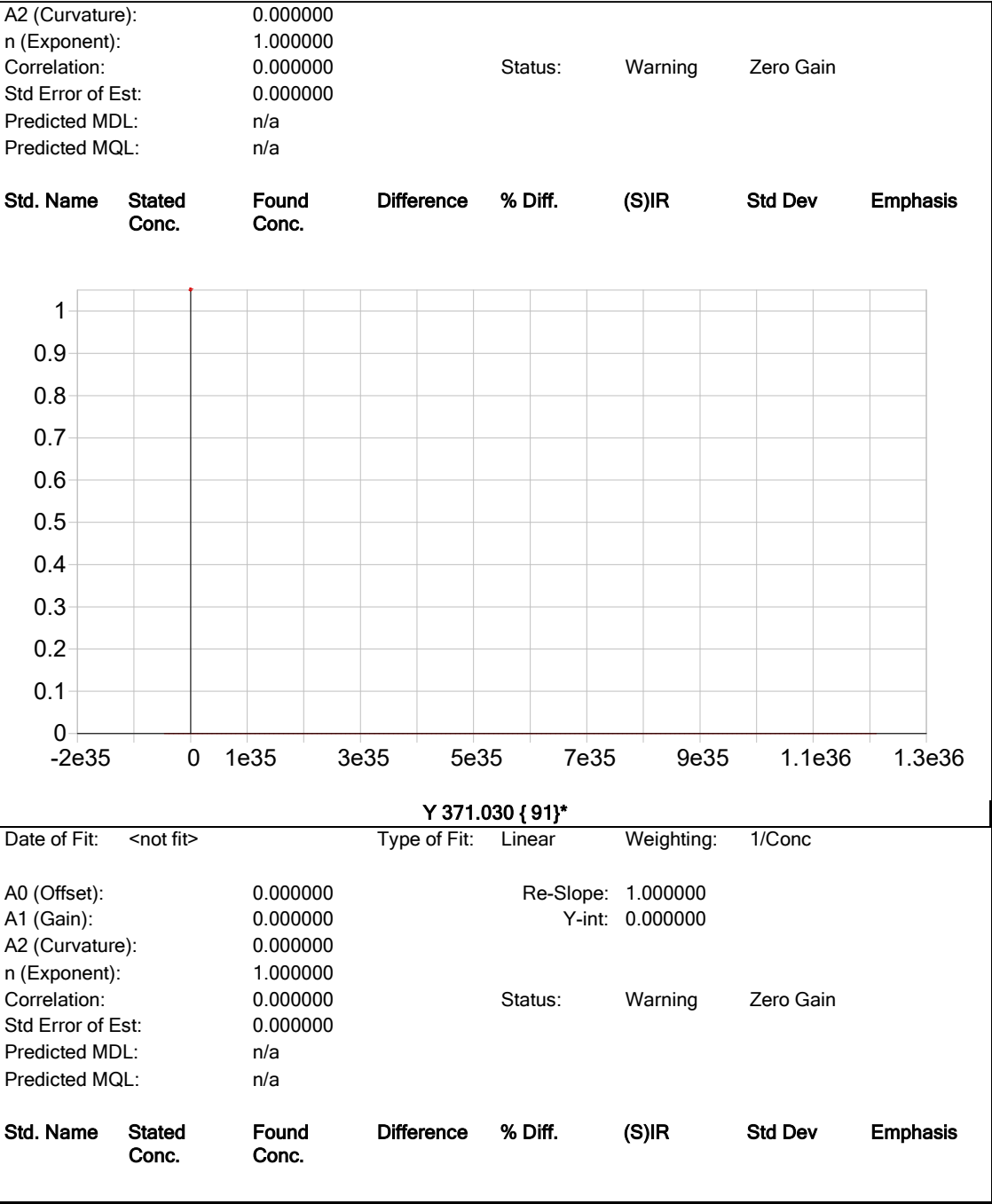
Date of Fit: 6/6/2025 14:38:22 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		



Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000



The plot shows a function that is zero for all values of the horizontal axis except at $x=0$, where it reaches a value of approximately 1.05. The horizontal axis is labeled $\ln 230.606 \{446\}^*$ and ranges from $-2e35$ to $1.3e36$. The vertical axis ranges from 0 to 1. A red dot marks the point $(0, 1.05)$.

A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis