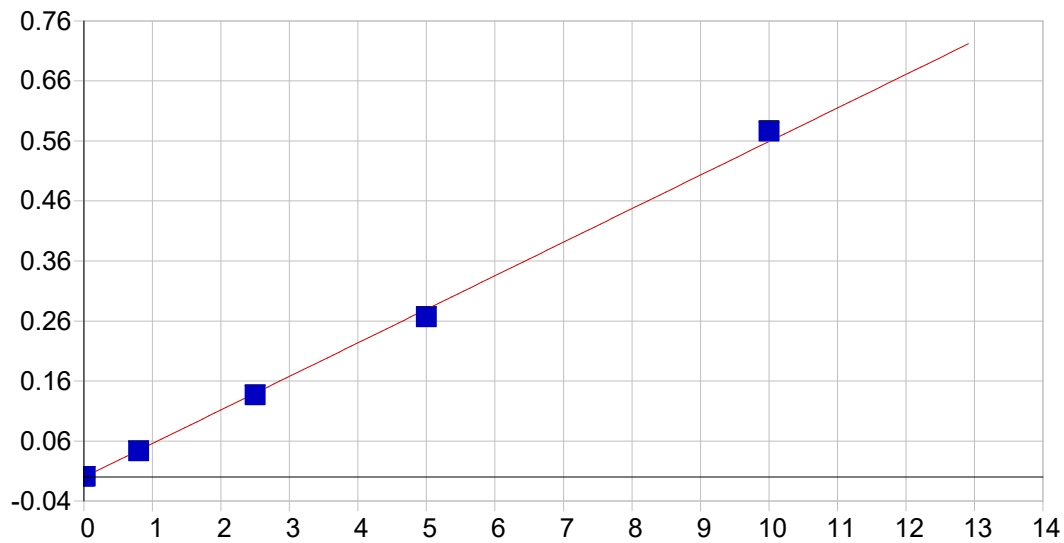


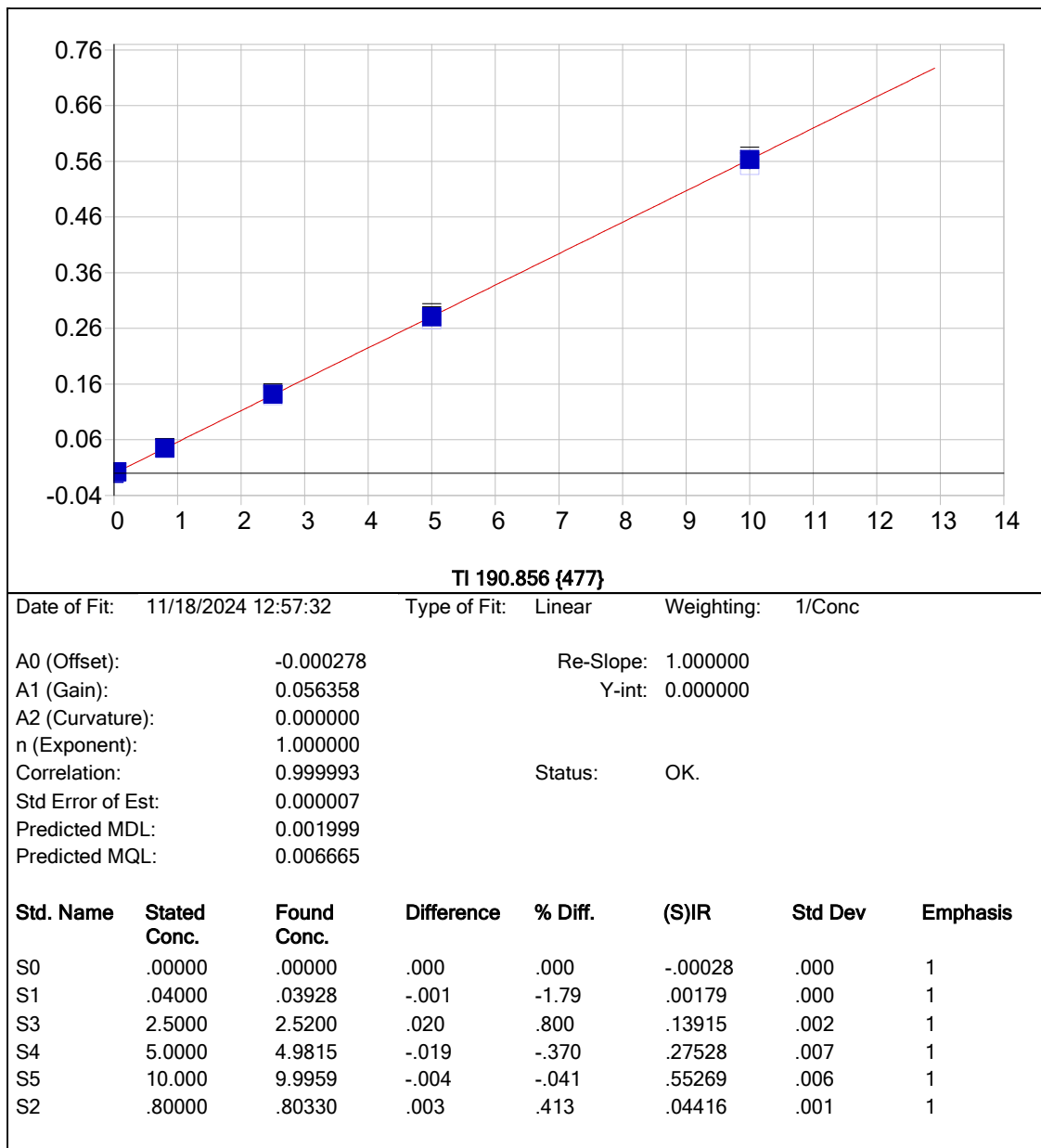


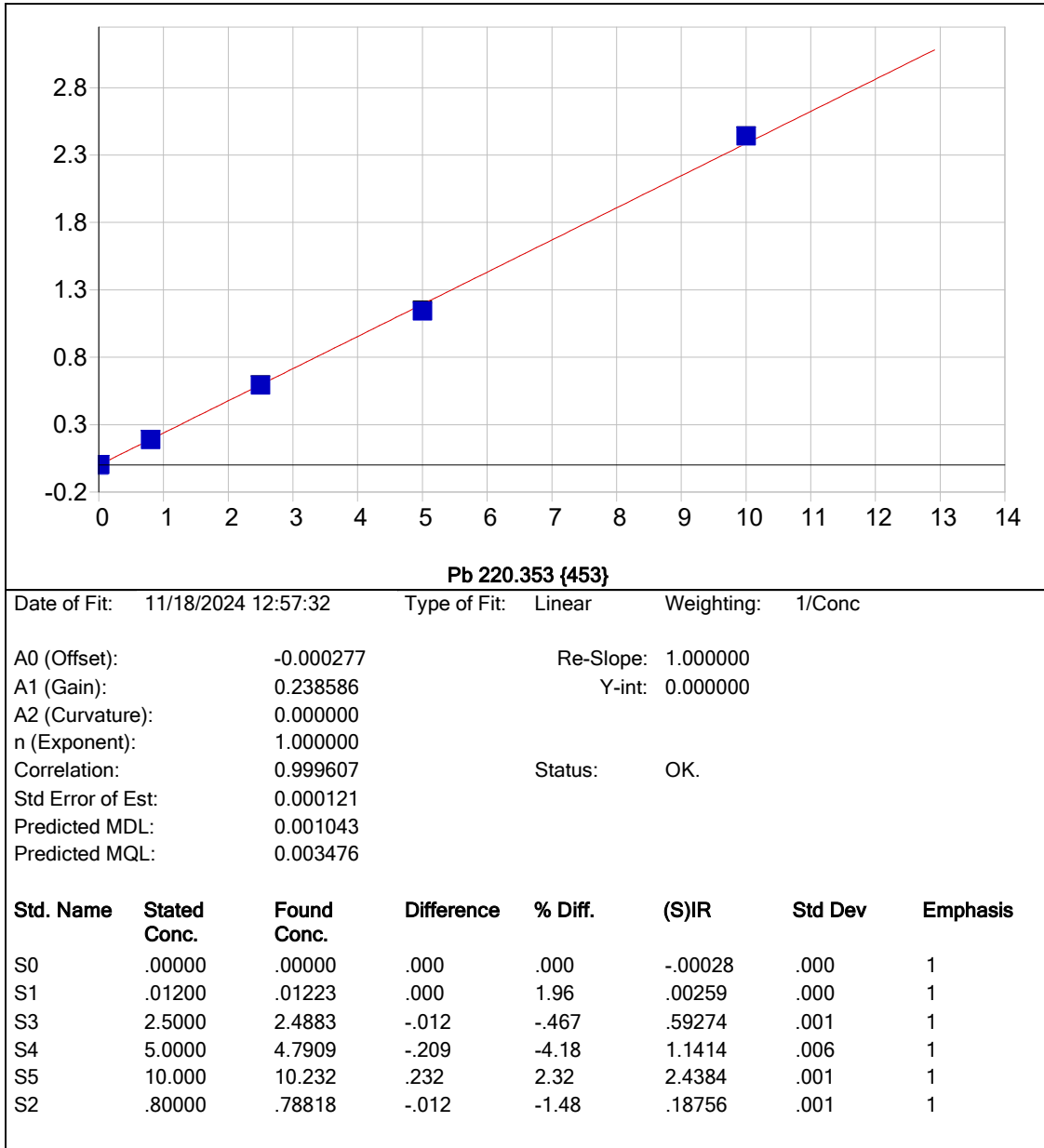
As 189.042 {479}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000155 Re-Slope: 1.000000
A1 (Gain): 0.055924 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999401 Status: OK.
Std Error of Est: 0.000045
Predicted MDL: 0.002474
Predicted MQL: 0.008245

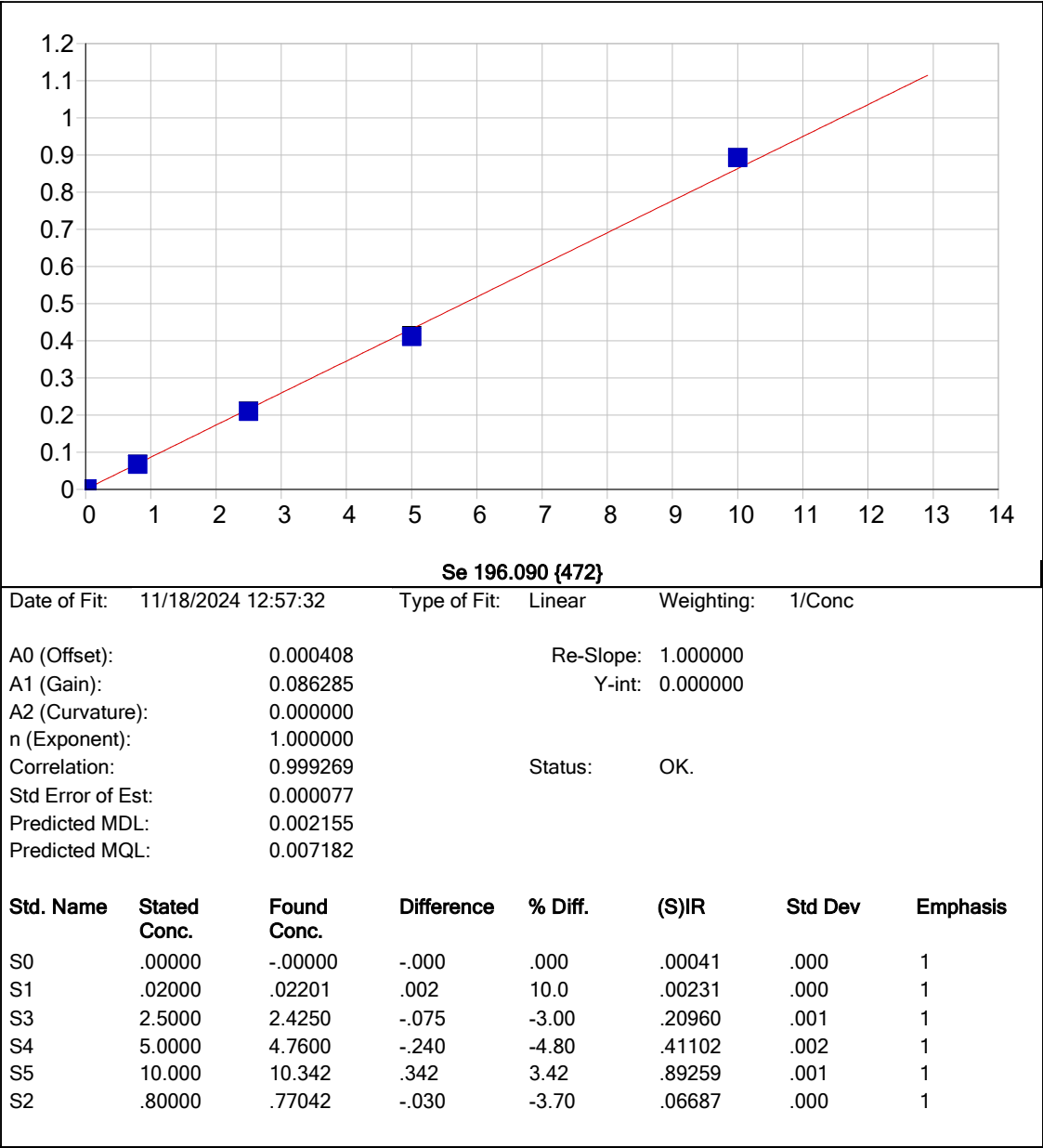
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.02000	.02222	.002	11.1	.00108	.000	1
S3	2.5000	2.4446	-.055	-2.22	.13641	.000	1
S4	5.0000	4.7709	-.229	-4.58	.26635	.001	1
S5	10.000	10.305	.305	3.05	.57554	.001	1
S2	.80000	.77725	-.023	-2.84	.04326	.001	1

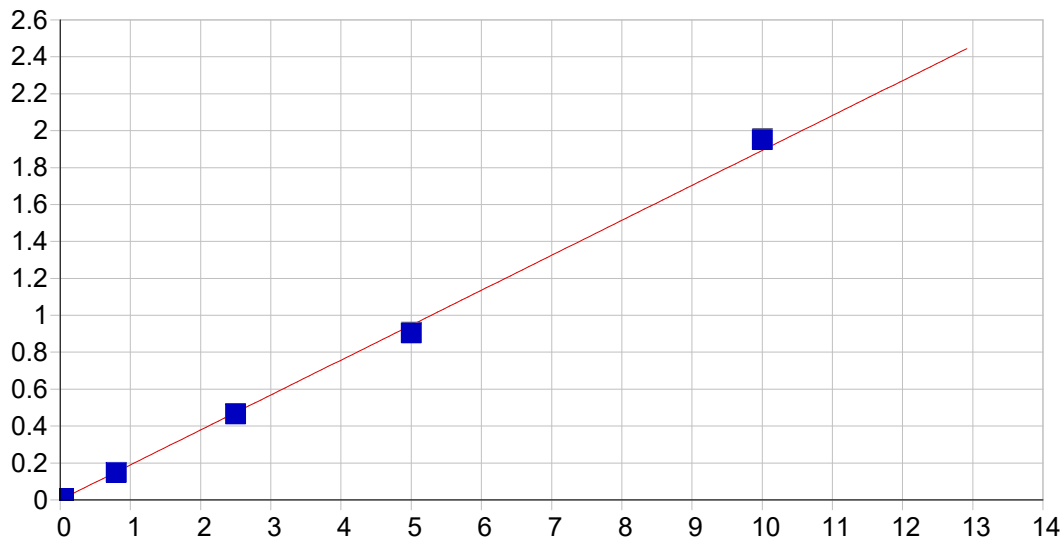




Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000277 Re-Slope: 1.000000
A1 (Gain): 0.238586 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999607 Status: OK.
Std Error of Est: 0.000121
Predicted MDL: 0.001043
Predicted MQL: 0.003476



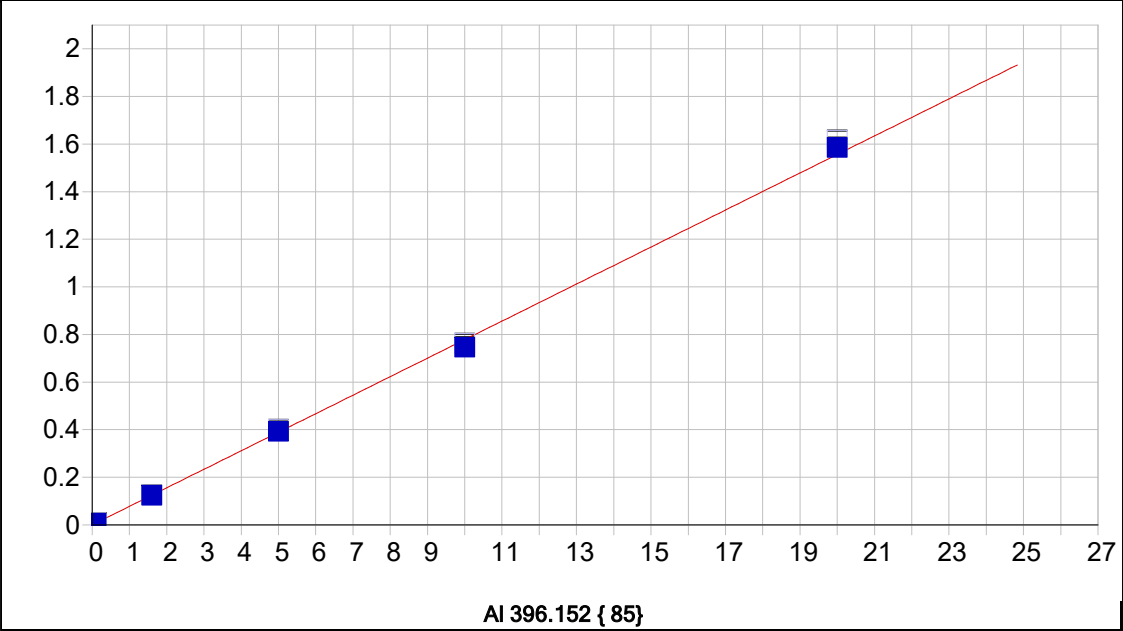


Sb 206.833 {463}

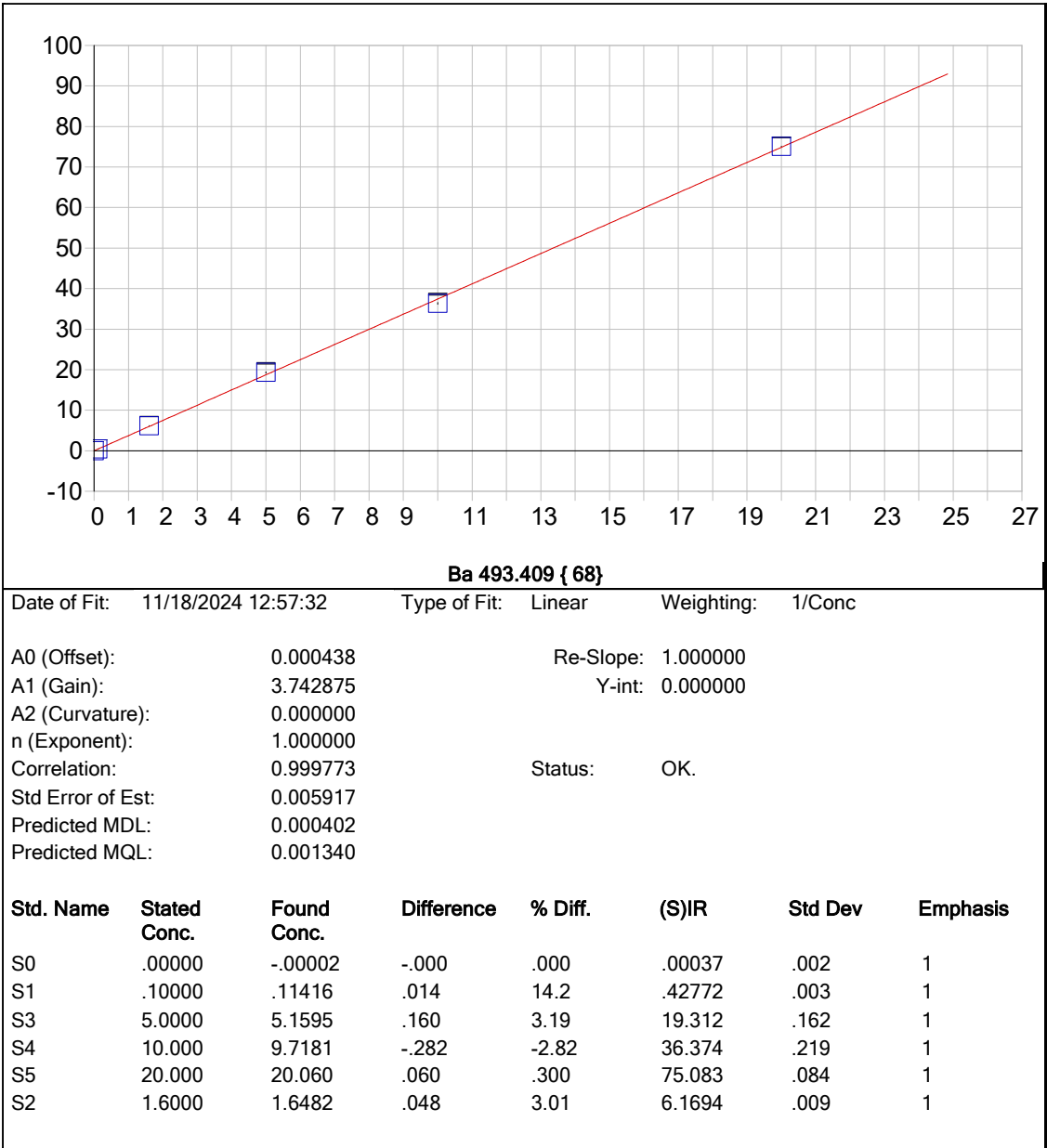
Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

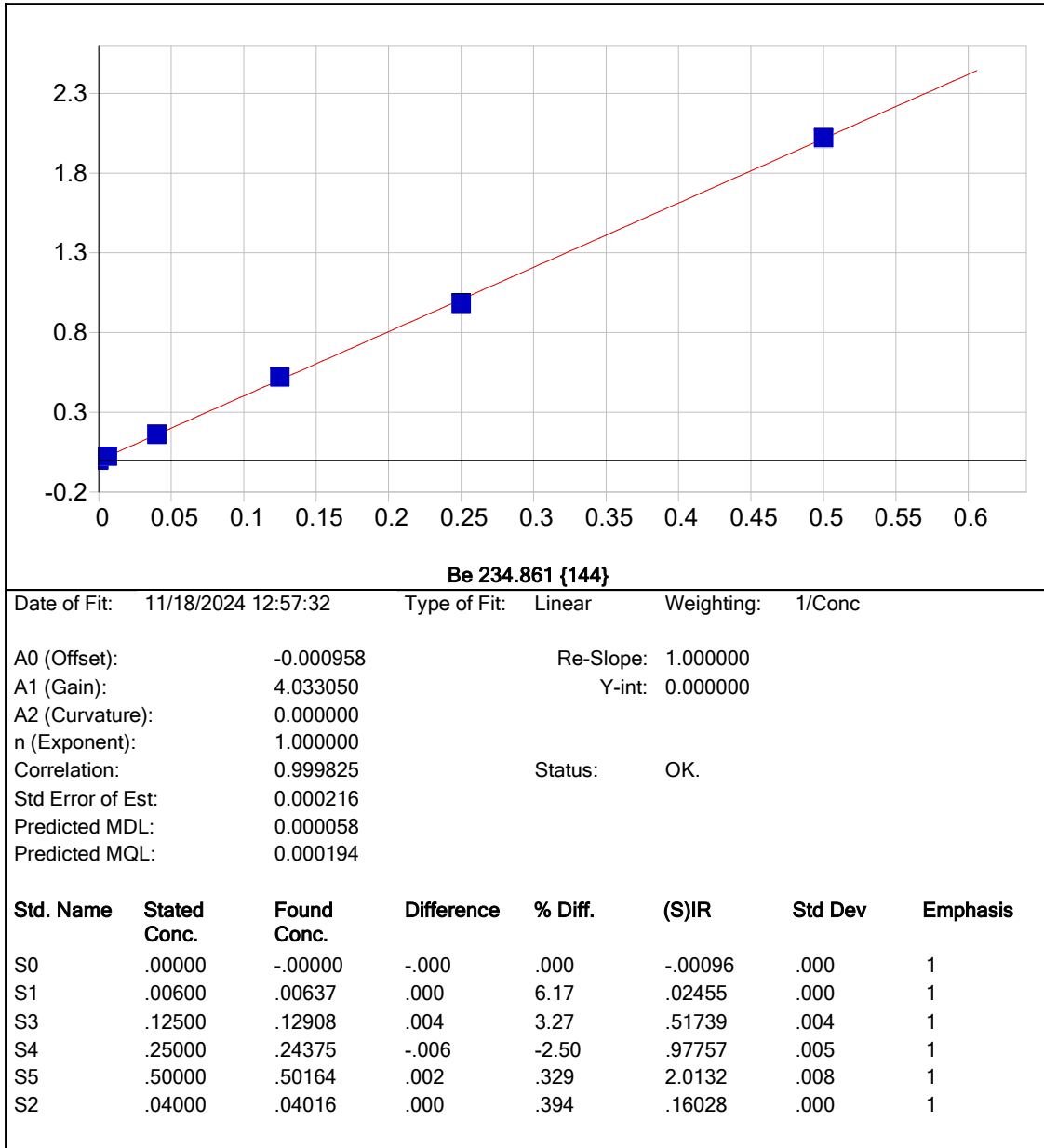
A0 (Offset): 0.000411 Re-Slope: 1.000000
A1 (Gain): 0.189231 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999416 Status: OK.
Std Error of Est: 0.000241
Predicted MDL: 0.001201
Predicted MQL: 0.004004

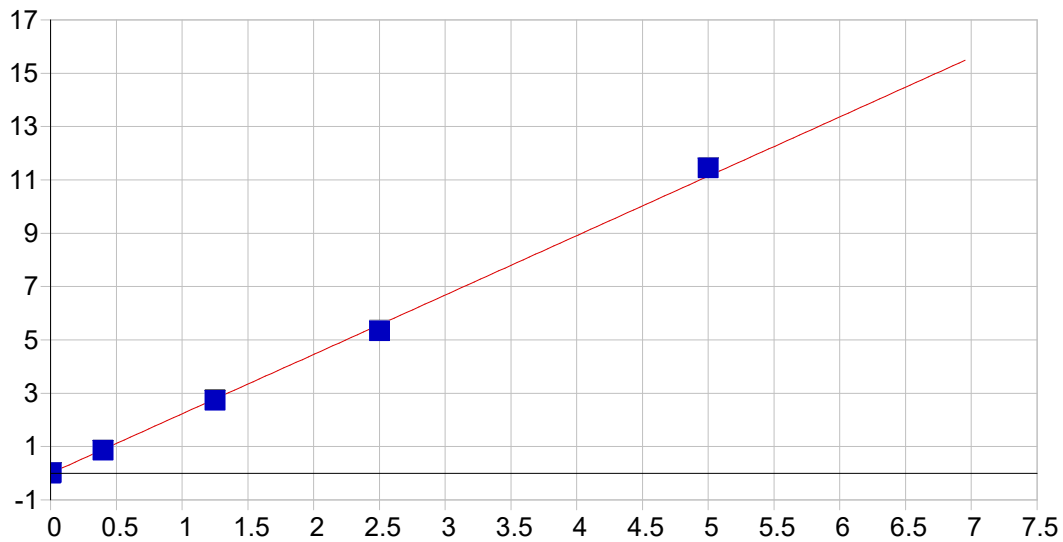
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.05000	.05123	.001	2.46	.01013	.000	1
S3	2.5000	2.4501	-.050	-2.00	.46533	.001	1
S4	5.0000	4.7669	-.233	-4.66	.90504	.004	1
S5	10.000	10.303	.303	3.03	1.9551	.002	1
S2	.80000	.77917	-.021	-2.60	.14827	.001	1



Date of Fit:		11/18/2024 12:57:32		Type of Fit:		Linear		Weighting:		1/Conc	
A0 (Offset):		0.000317		Re-Slope:		1.000000					
A1 (Gain):		0.077806		Y-int:		0.000000					
A2 (Curvature):		0.000000									
n (Exponent):		1.000000									
Correlation:		0.999674		Status:		OK.					
Std Error of Est:		0.000150									
Predicted MDL:		0.005892									
Predicted MQL:		0.019640									
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis				
S0	.00000	-.00001	-.000	.000	.00032	.000	1				
S1	.10000	.10764	.008	7.64	.00930	.000	1				
S3	5.0000	5.0474	.047	.949	.40058	.001	1				
S4	10.000	9.5909	-.409	-4.09	.76164	.002	1				
S5	20.000	20.372	.372	1.86	1.6155	.002	1				
S2	1.6000	1.5819	-.018	-1.13	.12582	.001	1				





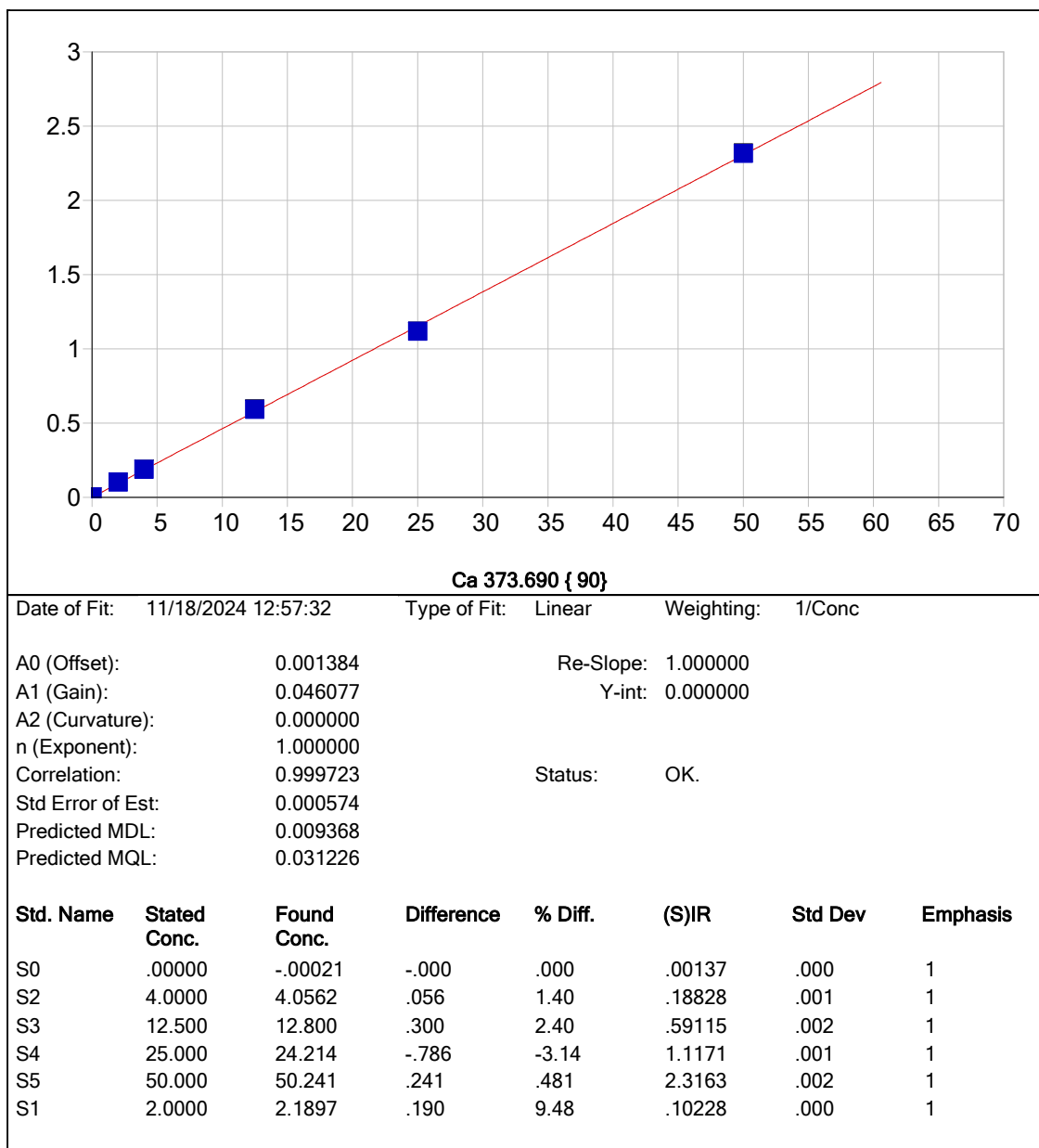


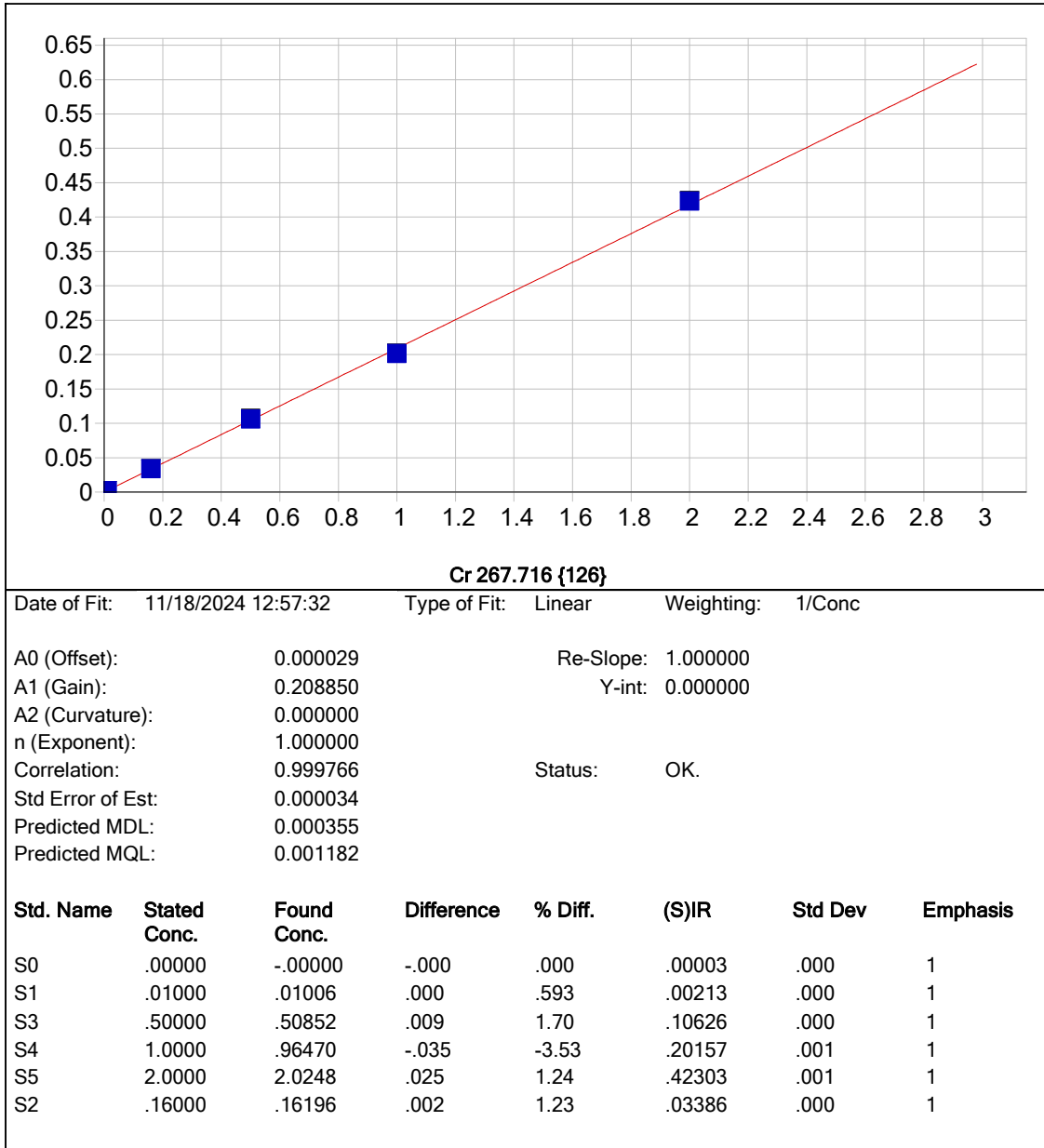
Cd 226.502 {449}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000017 Re-Slope: 1.000000
A1 (Gain): 2.227458 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999491 Status: OK.
Std Error of Est: 0.000646
Predicted MDL: 0.000086
Predicted MQL: 0.000286

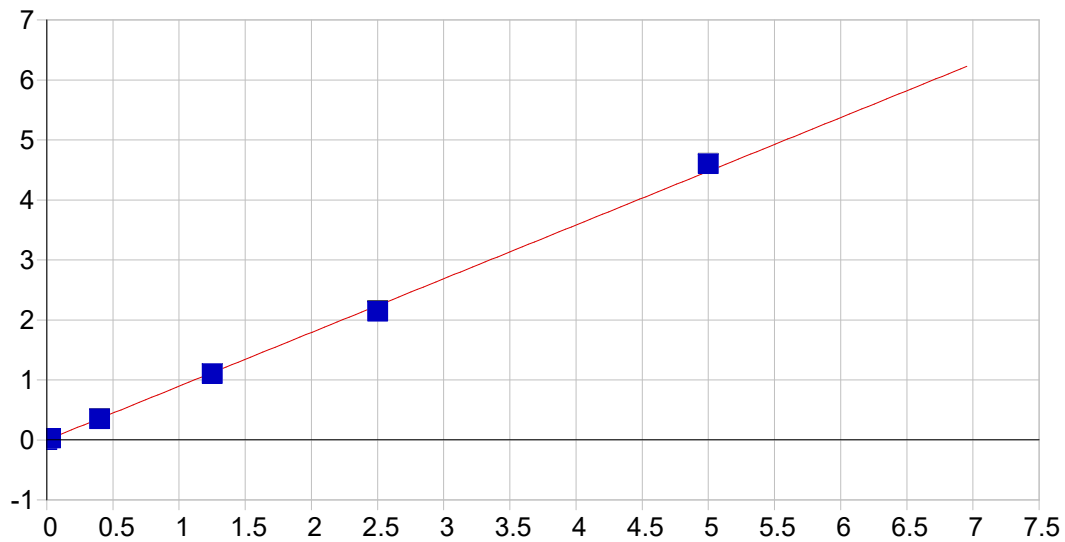
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.00600	.00725	.001	20.9	.01619	.000	1
S3	1.2500	1.2271	-.023	-1.83	2.7355	.005	1
S4	2.5000	2.3971	-.103	-4.12	5.3437	.021	1
S5	5.0000	5.1393	.139	2.79	11.456	.011	1
S2	.40000	.38519	-.015	-3.70	.85864	.007	1





Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000029 Re-Slope: 1.000000
A1 (Gain): 0.208850 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999766 Status: OK.
Std Error of Est: 0.000034
Predicted MDL: 0.000355
Predicted MQL: 0.001182

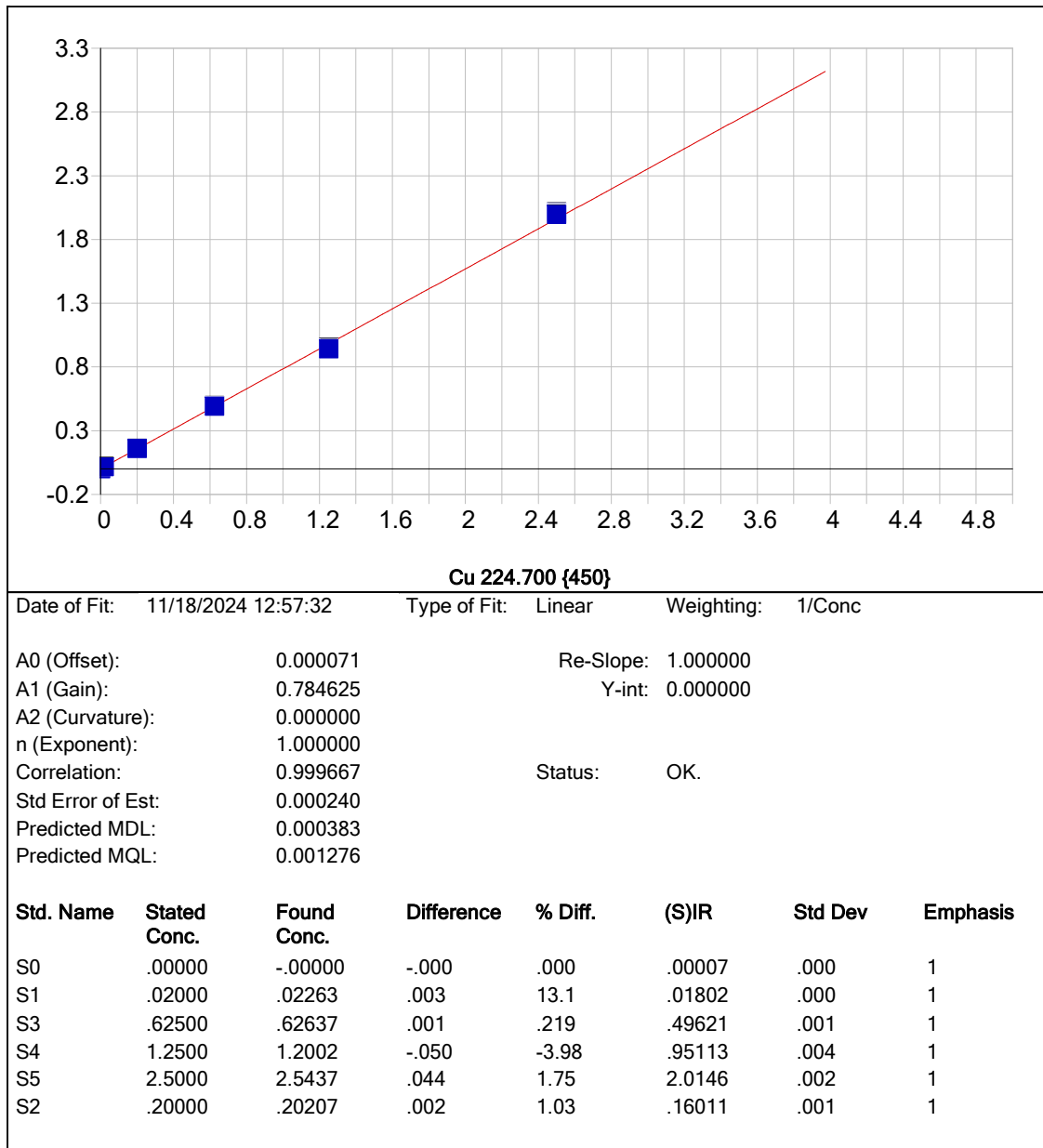


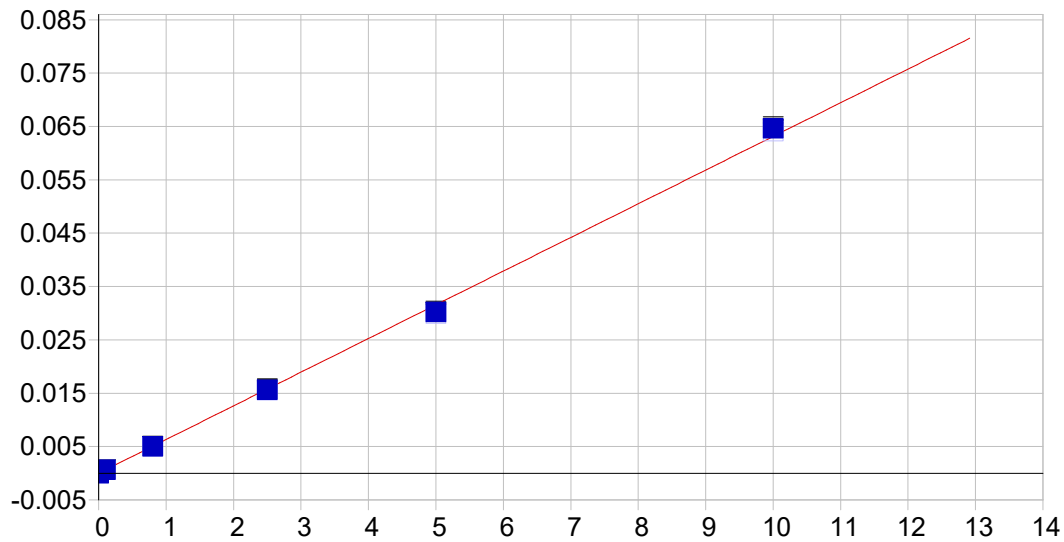
Co 228.616 {448}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
A1 (Gain): 0.895272 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999513 Status: OK.
Std Error of Est: 0.000569
Predicted MDL: 0.000192
Predicted MQL: 0.000640

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.03000	.03091	.001	3.04	.02753	.000	1
S3	1.2500	1.2315	-.018	-1.48	1.1044	.002	1
S4	2.5000	2.3918	-.108	-4.33	2.1451	.009	1
S5	5.0000	5.1362	.136	2.72	4.6059	.004	1
S2	.40000	.38954	-.010	-2.61	.34932	.002	1



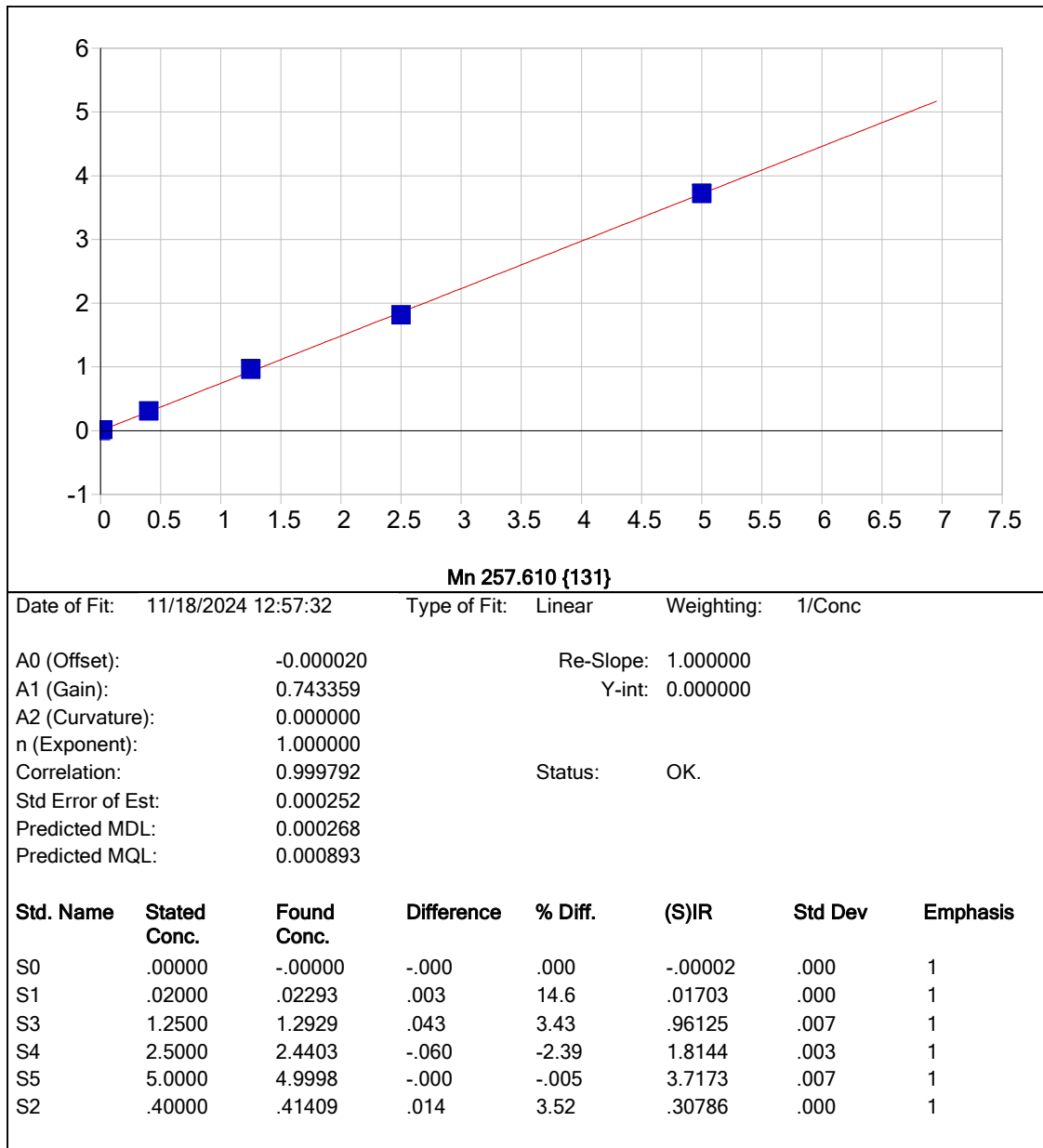


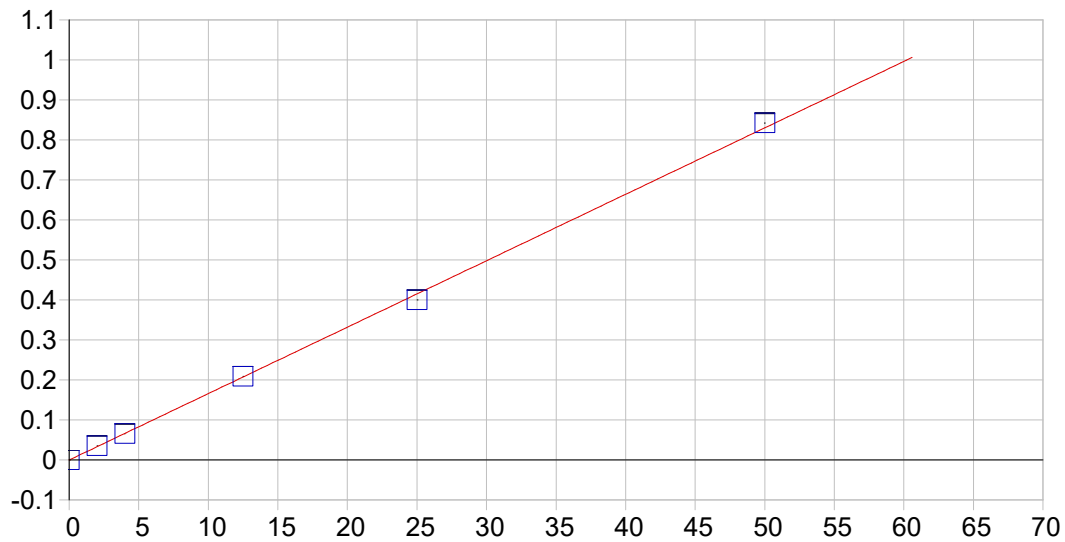
Fe 240.488 {140}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
A1 (Gain): 0.006314 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999577 Status: OK.
Std Error of Est: 0.000010
Predicted MDL: 0.003971
Predicted MQL: 0.013236

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.10000	.10049	.000	.493	.00063	.000	1
S3	2.5000	2.4800	-.020	-.801	.01552	.000	1
S4	5.0000	4.7830	-.217	-4.34	.02993	.000	1
S5	10.000	10.239	.239	2.39	.06411	.000	1
S2	.80000	.79721	-.003	-.348	.00499	.000	1



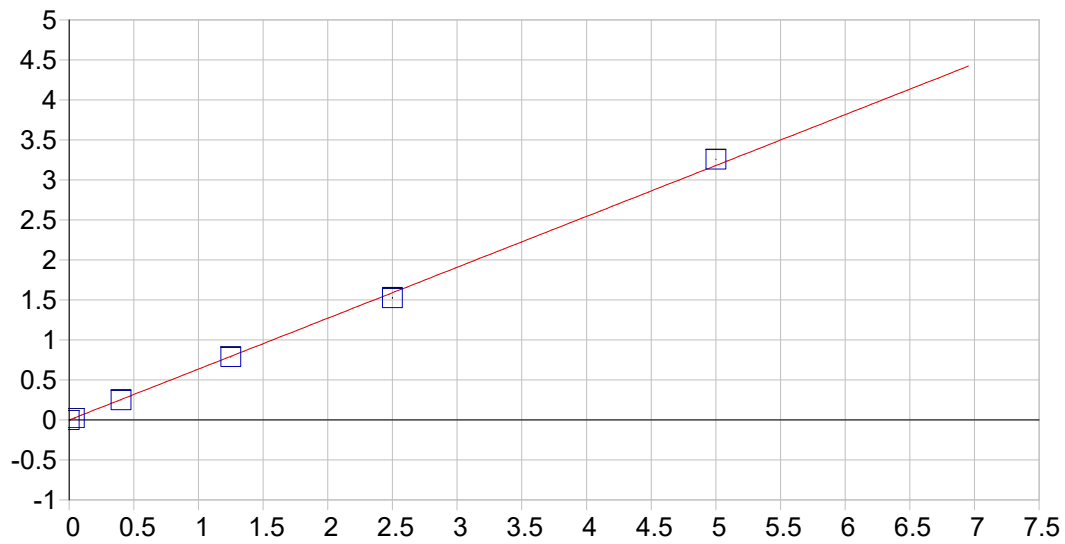


Mg 279.079 {121}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000272 Re-Slope: 1.000000
A1 (Gain): 0.016607 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999704 Status: OK.
Std Error of Est: 0.000214
Predicted MDL: 0.012155
Predicted MQL: 0.040517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00010	-.000	.000	-.00027	.000	1
S2	4.0000	3.9551	-.045	-1.12	.06541	.000	1
S3	12.500	12.585	.085	.681	.20873	.000	1
S4	25.000	24.092	-.908	-3.63	.39984	.000	1
S5	50.000	50.719	.719	1.44	.84204	.002	1
S1	2.0000	2.1484	.148	7.42	.03541	.000	1

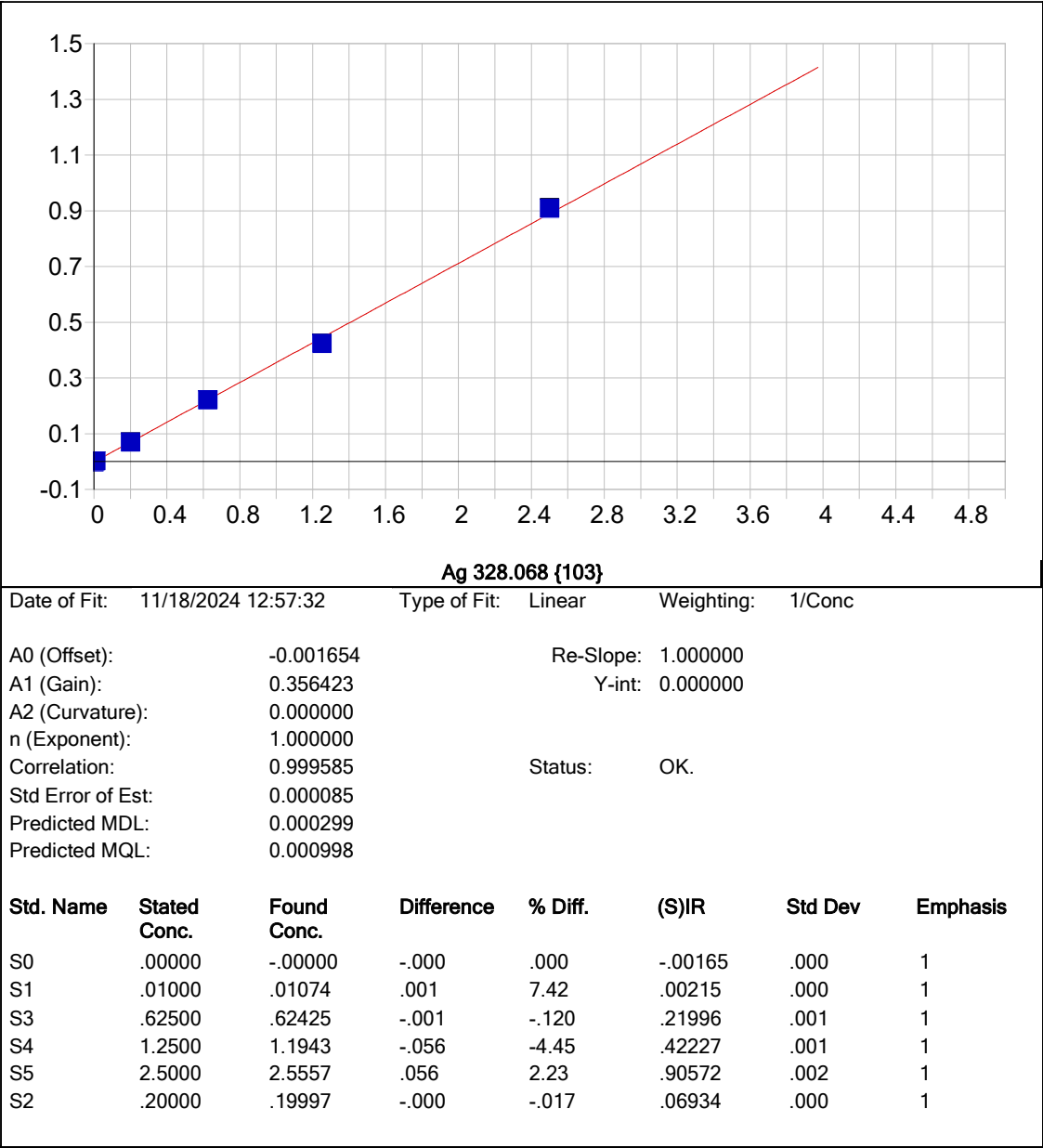


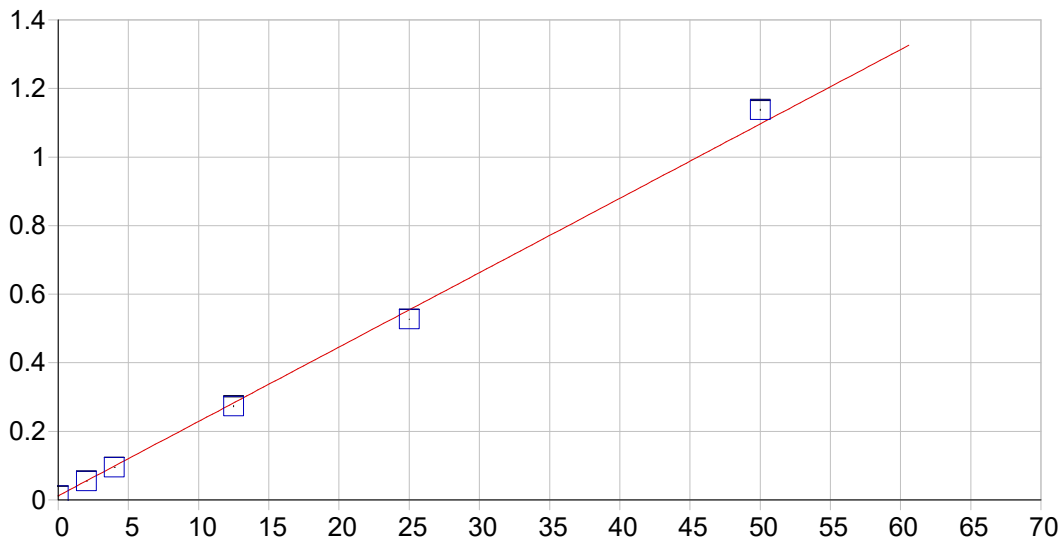
Ni 231.604 {446}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000328 Re-Slope: 1.000000
A1 (Gain): 0.636036 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999590 Status: OK.
Std Error of Est: 0.000428
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	-.00033	.000	1
S1	.04000	.04087	.001	2.16	.02566	.000	1
S3	1.2500	1.2370	-.013	-1.04	.78647	.002	1
S4	2.5000	2.3972	-.103	-4.11	1.5244	.006	1
S5	5.0000	5.1228	.123	2.46	3.2579	.003	1
S2	.40000	.39215	-.008	-1.96	.24909	.001	1



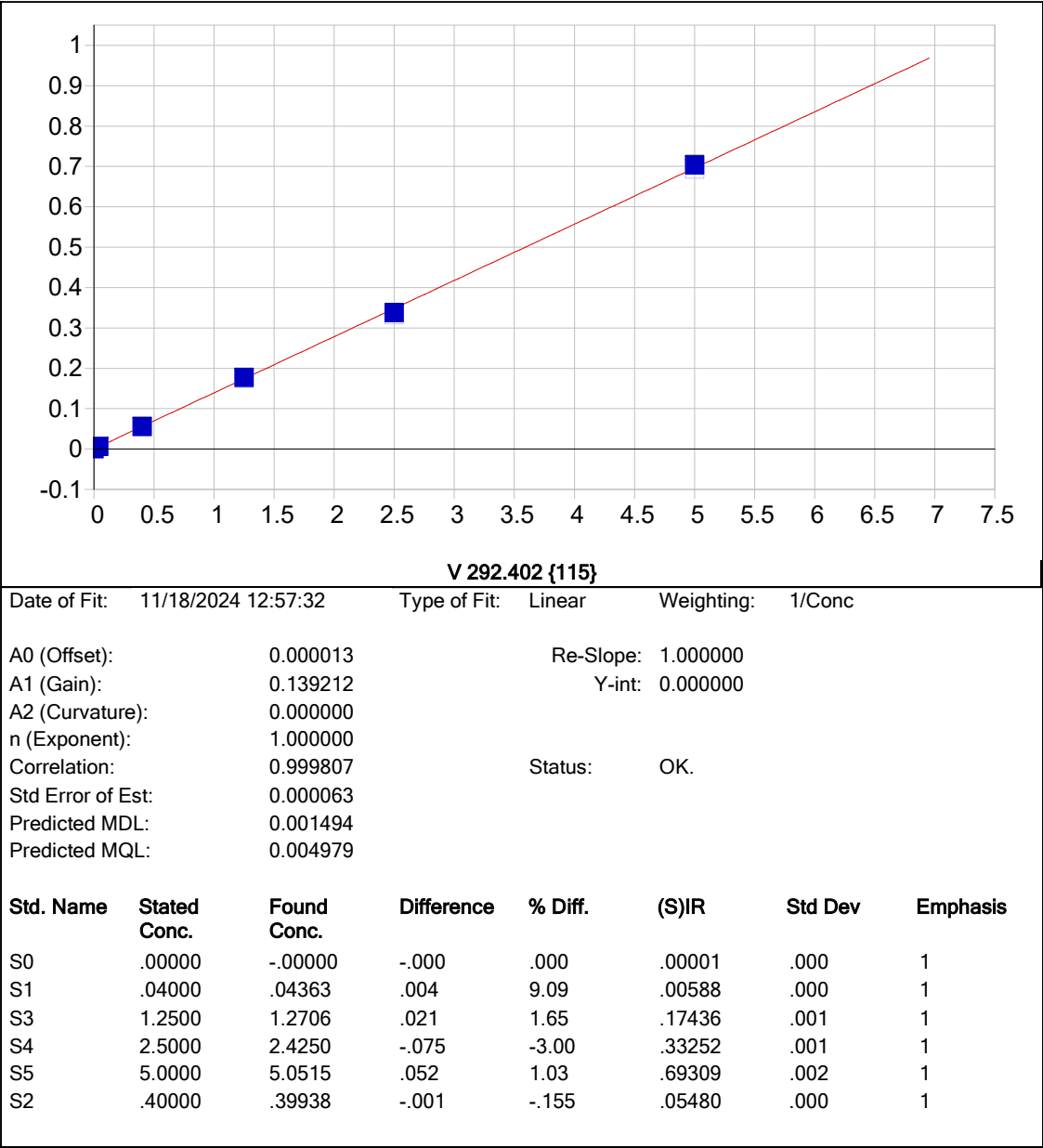


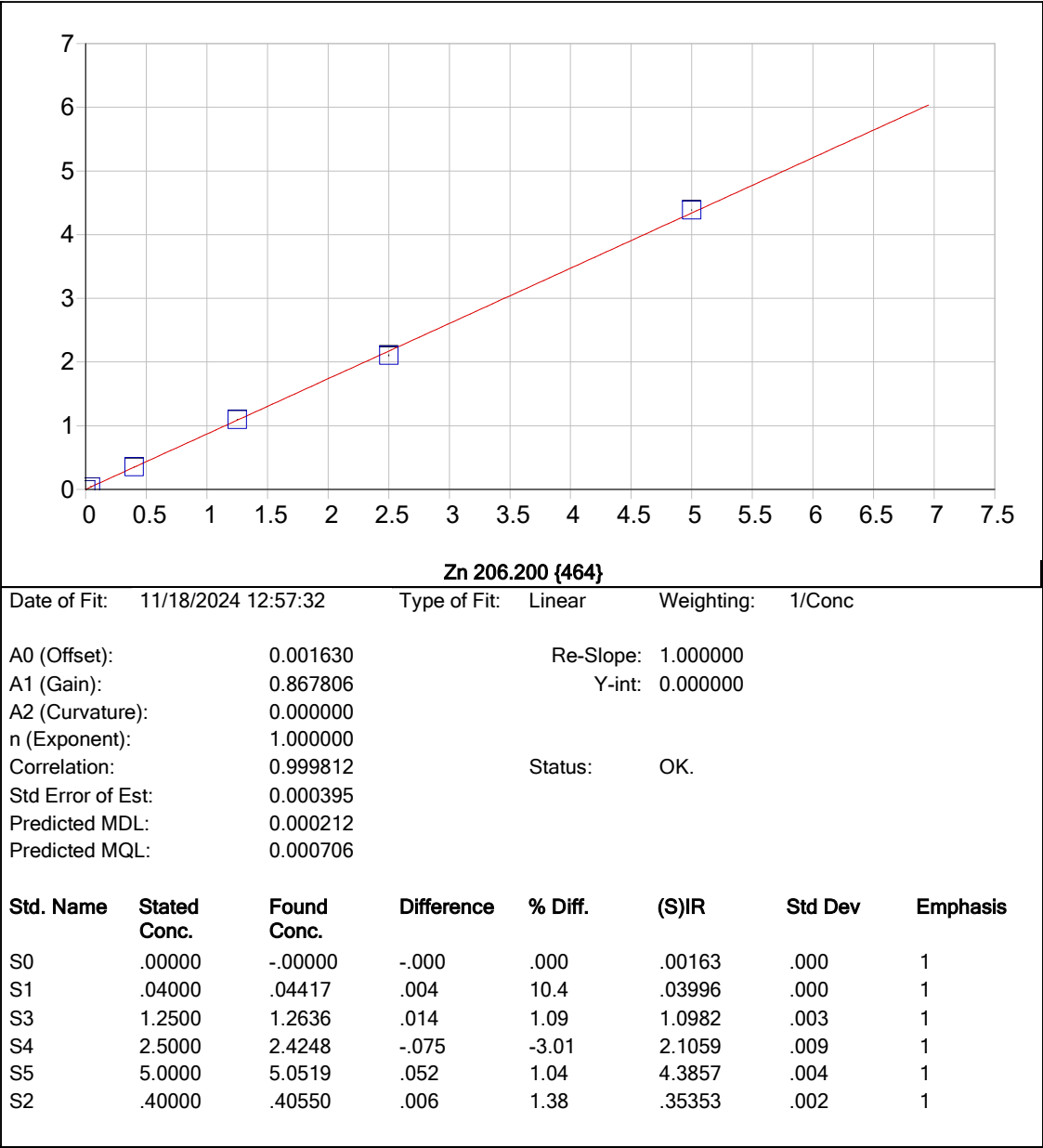
Na 589.592 { 57}

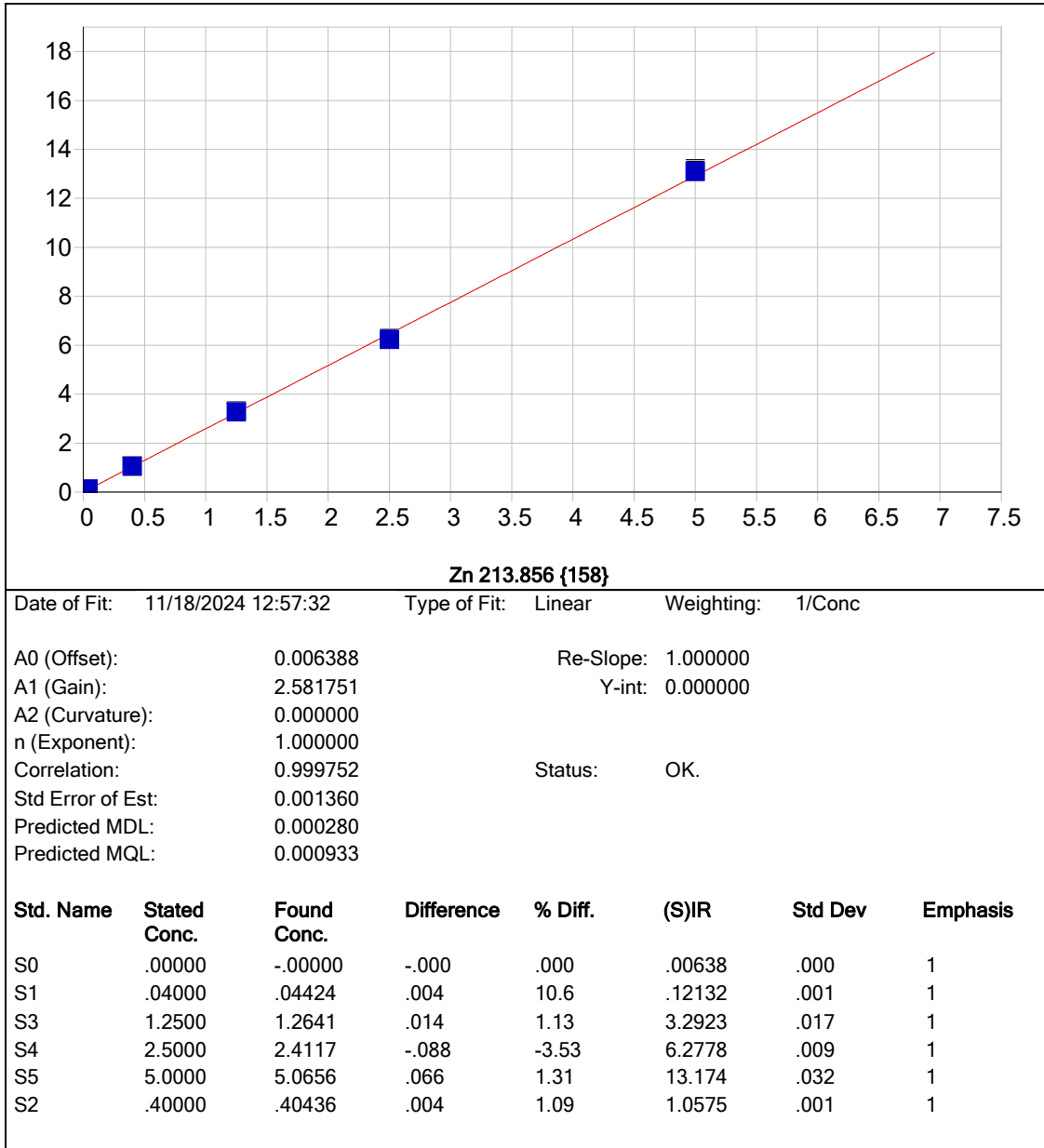
Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

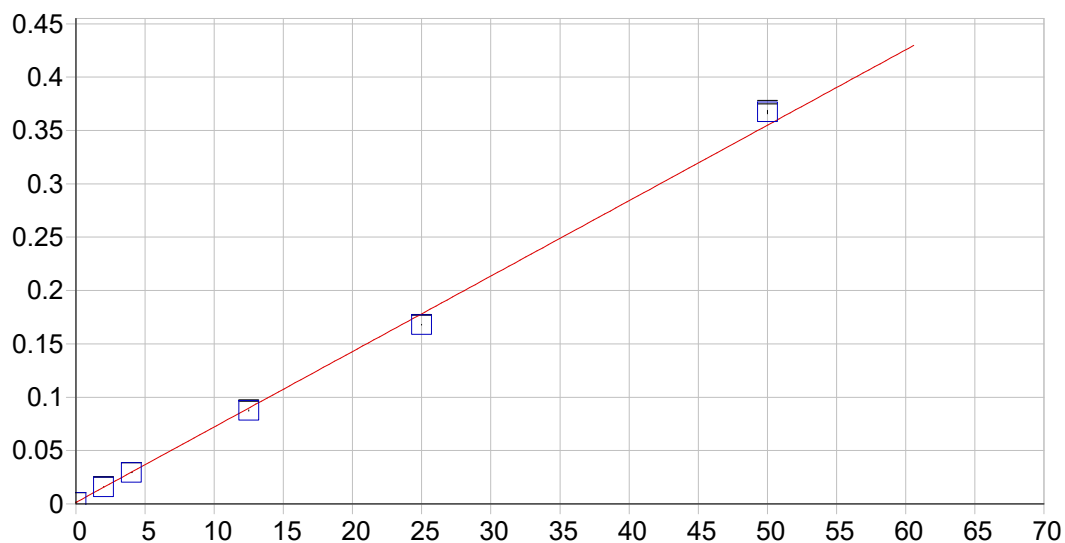
A0 (Offset): 0.012006 Re-Slope: 1.000000
A1 (Gain): 0.021689 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999145 Status: OK.
Std Error of Est: 0.000475
Predicted MDL: 0.007798
Predicted MQL: 0.025994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.01201	.001	1
S2	4.0000	3.8271	-.173	-4.32	.09501	.000	1
S3	12.500	12.050	-.450	-3.60	.27336	.002	1
S4	25.000	23.740	-1.26	-5.04	.52690	.000	1
S5	50.000	51.904	1.90	3.81	1.1378	.002	1
S1	2.0000	1.9782	-.022	-1.09	.05491	.000	1







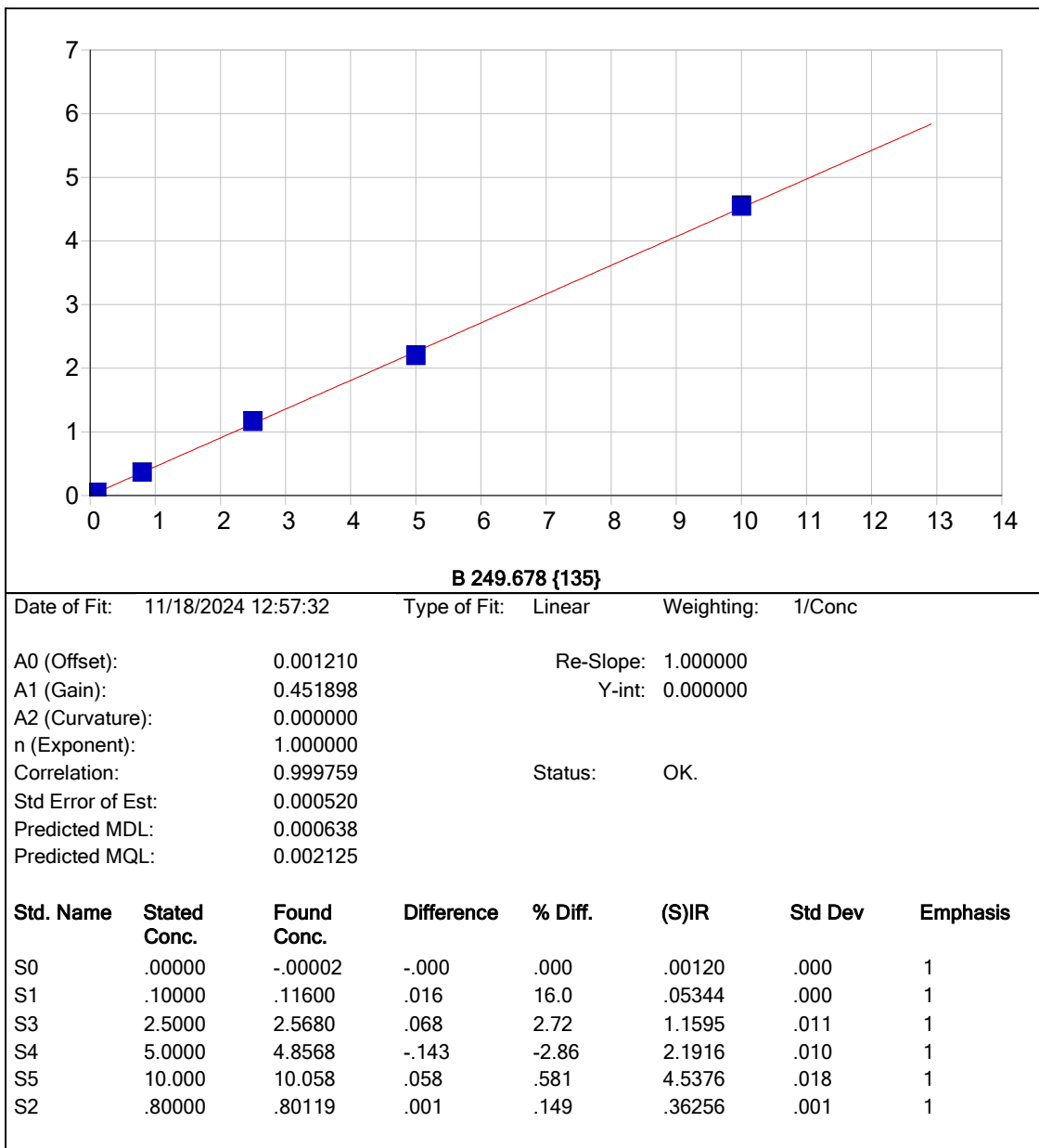


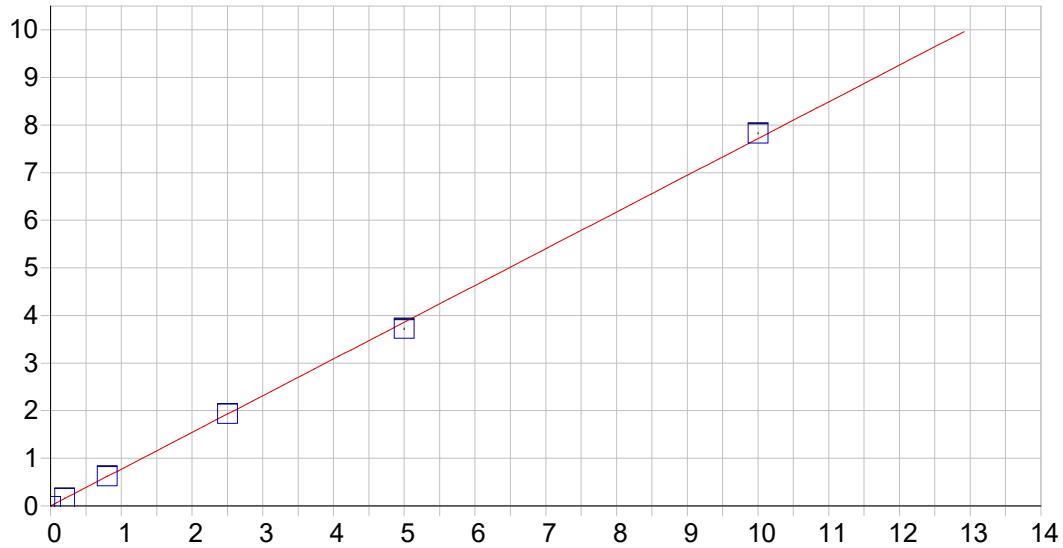
K 766.490 { 44 }

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001439 Re-Slope: 1.000000
A1 (Gain): 0.007069 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999167 Status: OK.
Std Error of Est: 0.000153
Predicted MDL: 0.024825
Predicted MQL: 0.082749

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00144	.000	1
S2	4.0000	3.9445	-.056	-1.39	.02932	.000	1
S3	12.500	12.193	-.307	-2.45	.08764	.001	1
S4	25.000	23.548	-1.45	-5.81	.16791	.000	1
S5	50.000	51.754	1.75	3.51	.36730	.002	1
S1	2.0000	2.0604	.060	3.02	.01600	.000	1



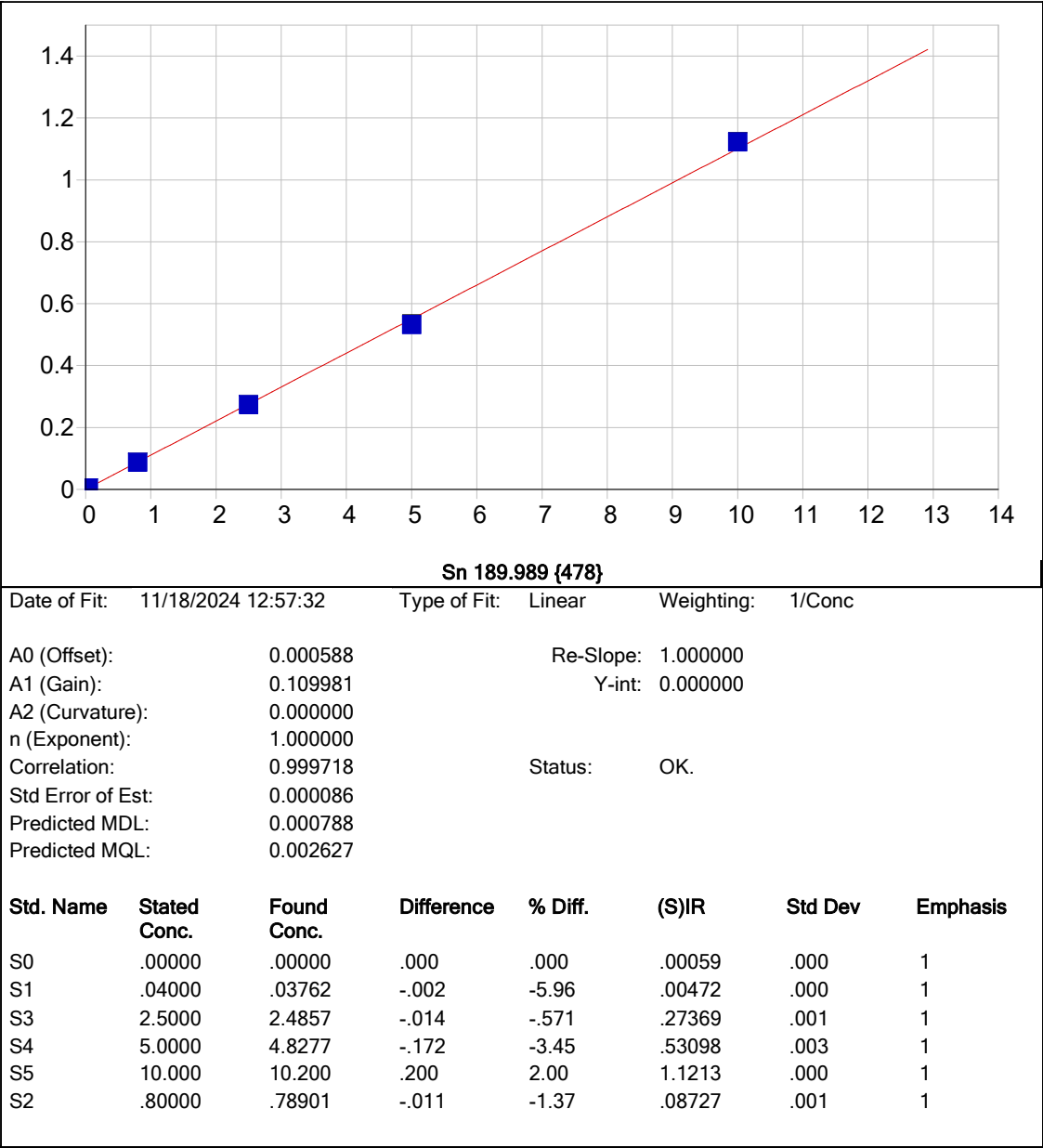


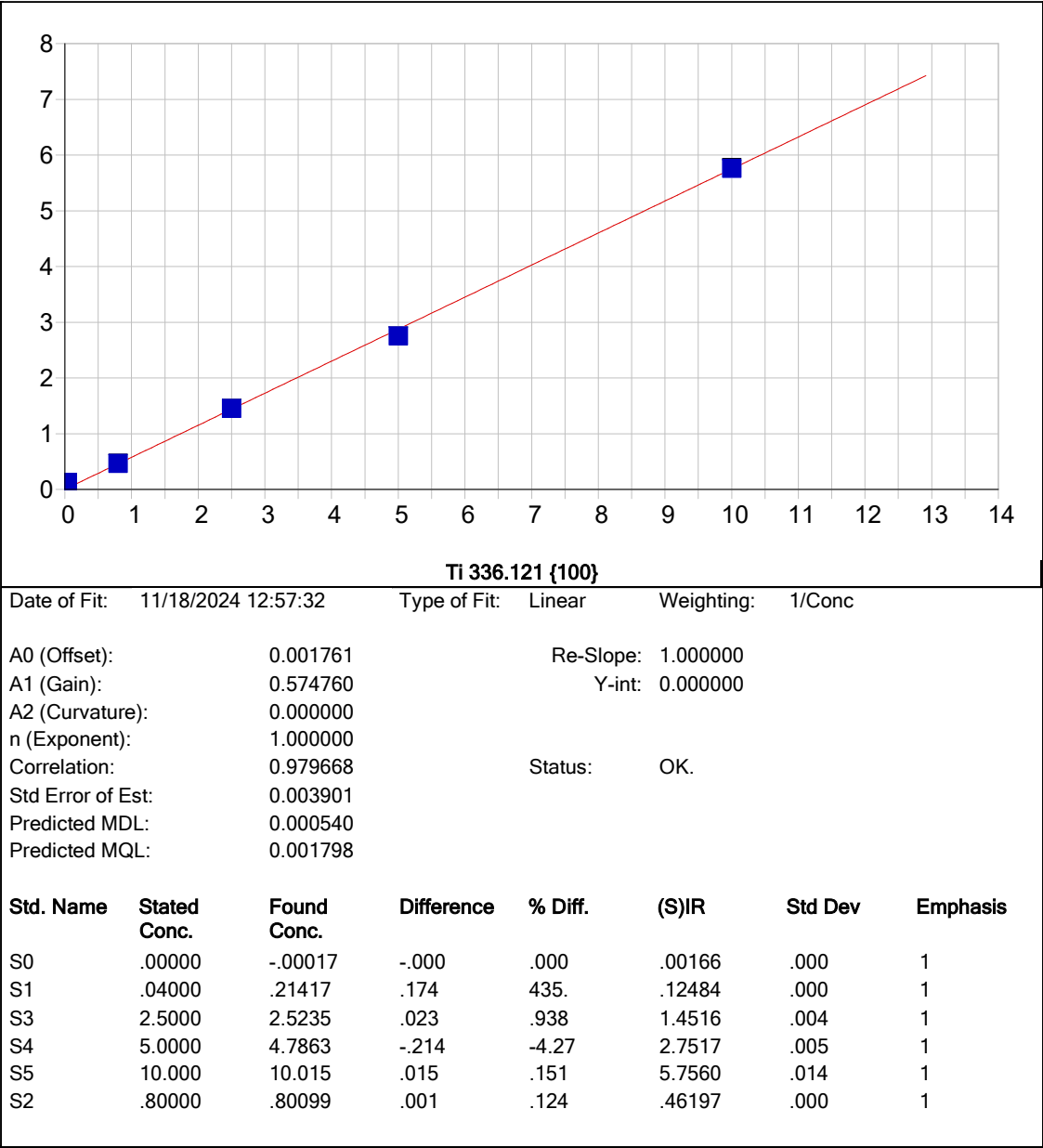
Mo 202.030 {467}

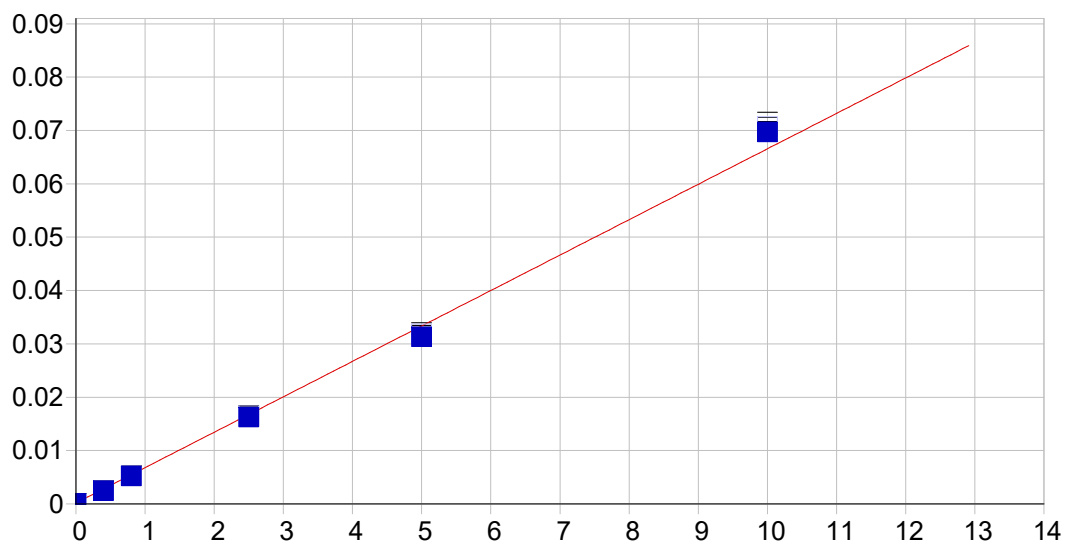
Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000215 Re-Slope: 1.000000
A1 (Gain): 0.771606 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999746 Status: OK.
Std Error of Est: 0.001294
Predicted MDL: 0.000248
Predicted MQL: 0.000828

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00020	.000	1
S1	.20000	.21315	.013	6.57	.16468	.001	1
S3	2.5000	2.5100	.010	.399	1.9369	.004	1
S4	5.0000	4.8227	-.177	-3.55	3.7215	.016	1
S5	10.000	10.143	.143	1.43	7.8263	.010	1
S2	.80000	.81163	.012	1.45	.62647	.005	1





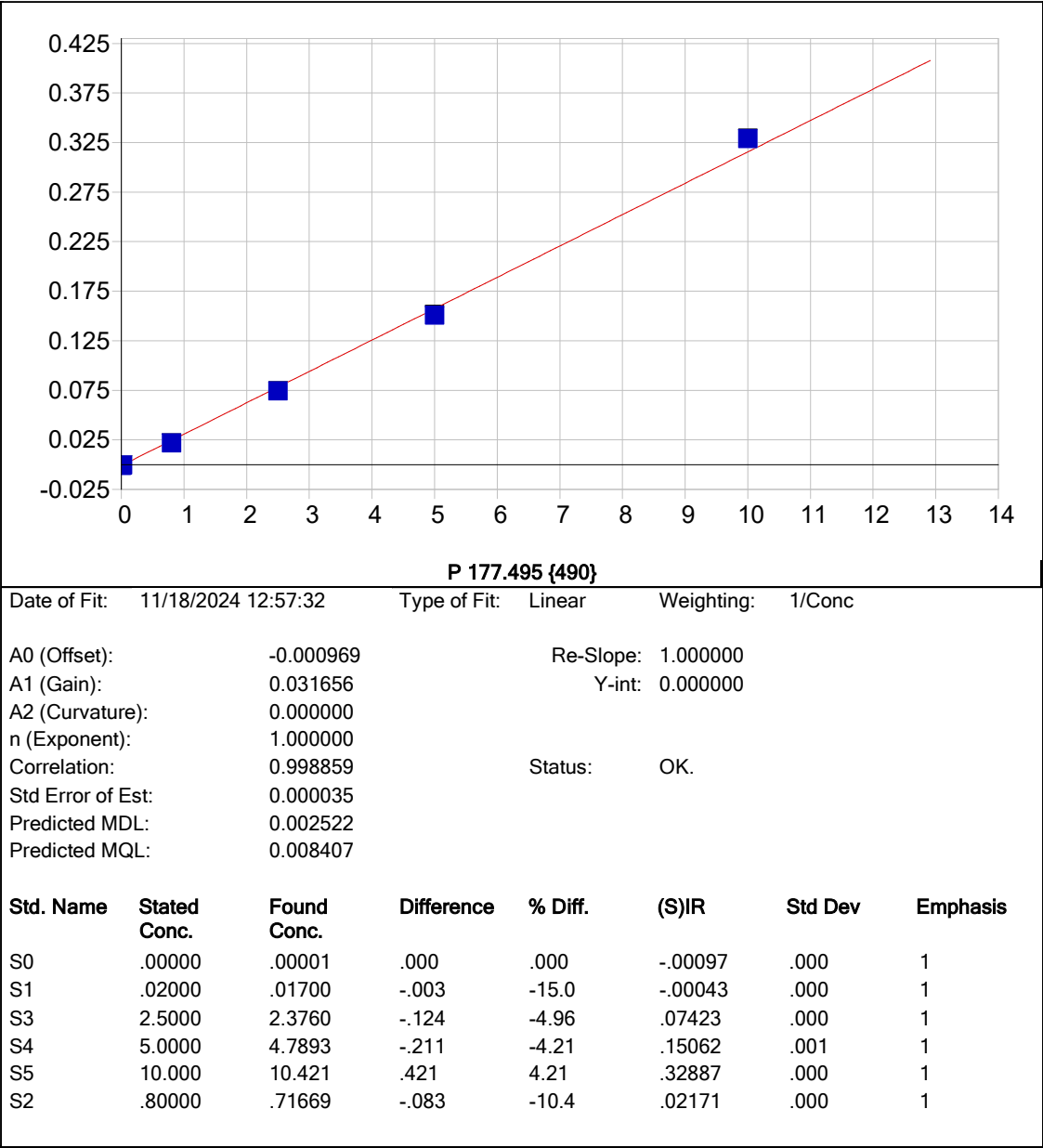


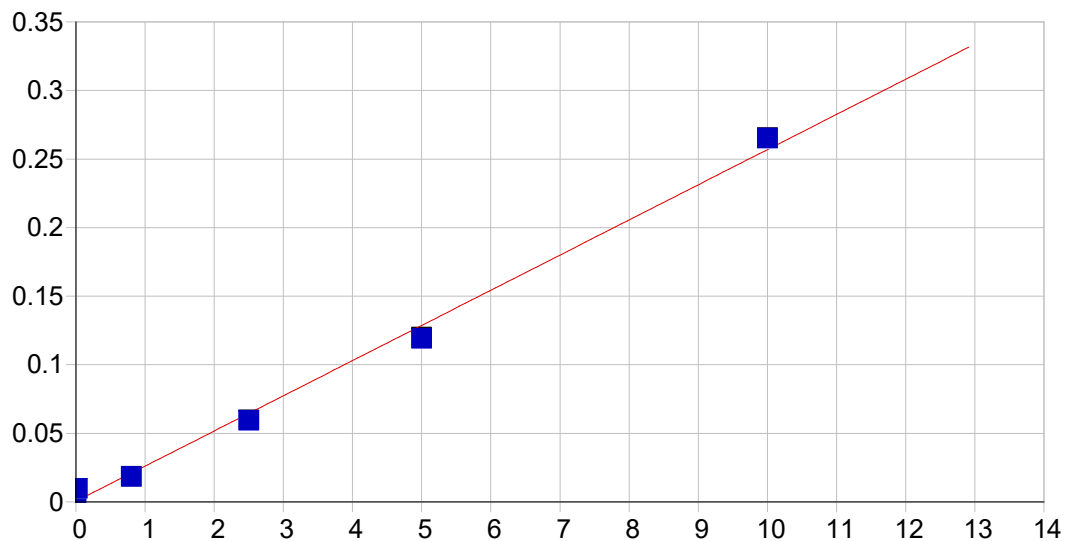
Si 288.158 {117}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000158 Re-Slope: 1.000000
A1 (Gain): 0.006640 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998643 Status: OK.
Std Error of Est: 0.000037
Predicted MDL: 0.006230
Predicted MQL: 0.020765

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00016	.000	1
S1	.40000	.34821	-.052	-12.9	.00248	.000	1
S3	2.5000	2.4224	-.078	-3.10	.01649	.000	1
S4	5.0000	4.6956	-.304	-6.09	.03184	.000	1
S5	10.000	10.475	.475	4.75	.07071	.001	1
S2	.80000	.75854	-.041	-5.18	.00528	.000	1



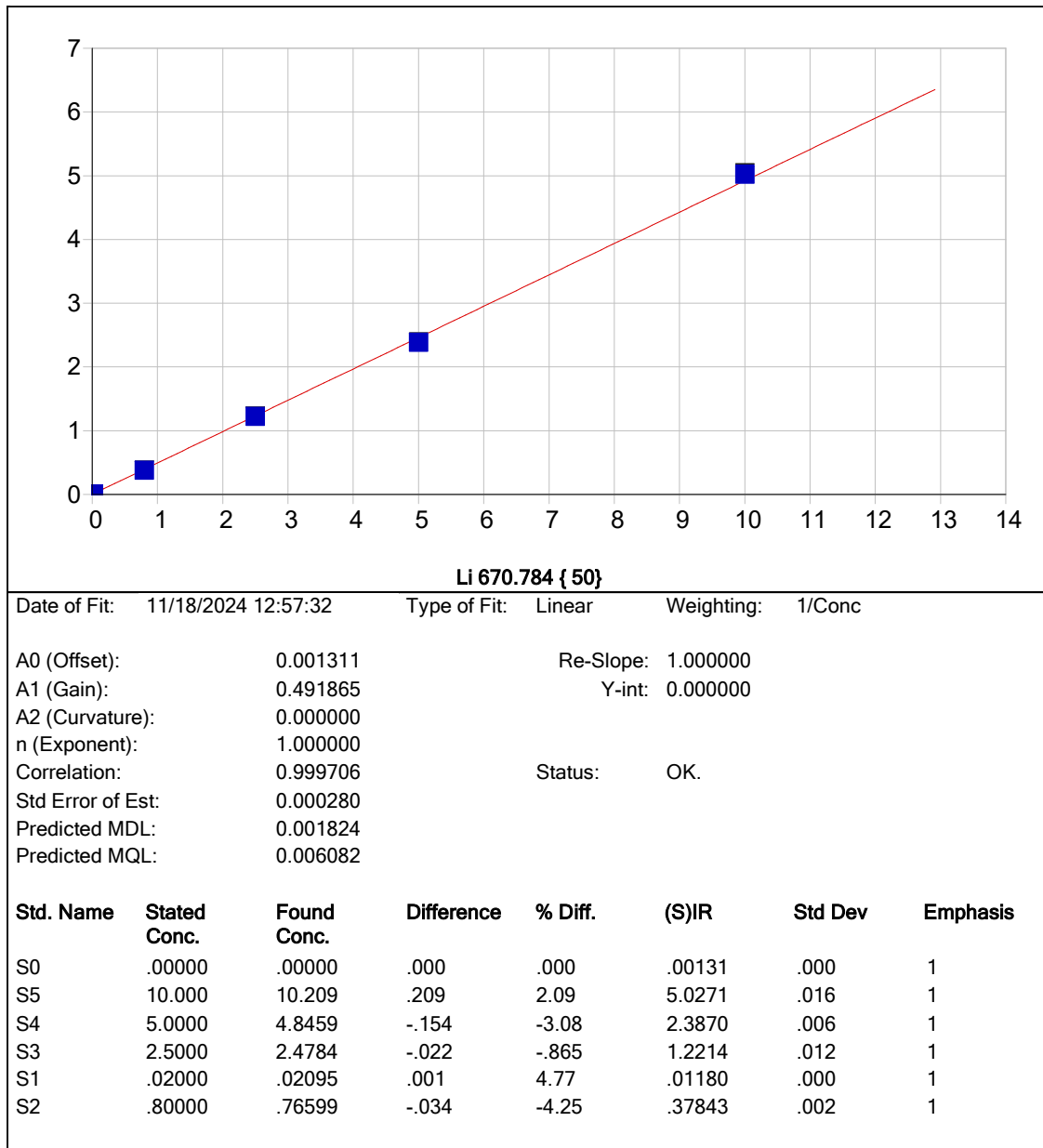


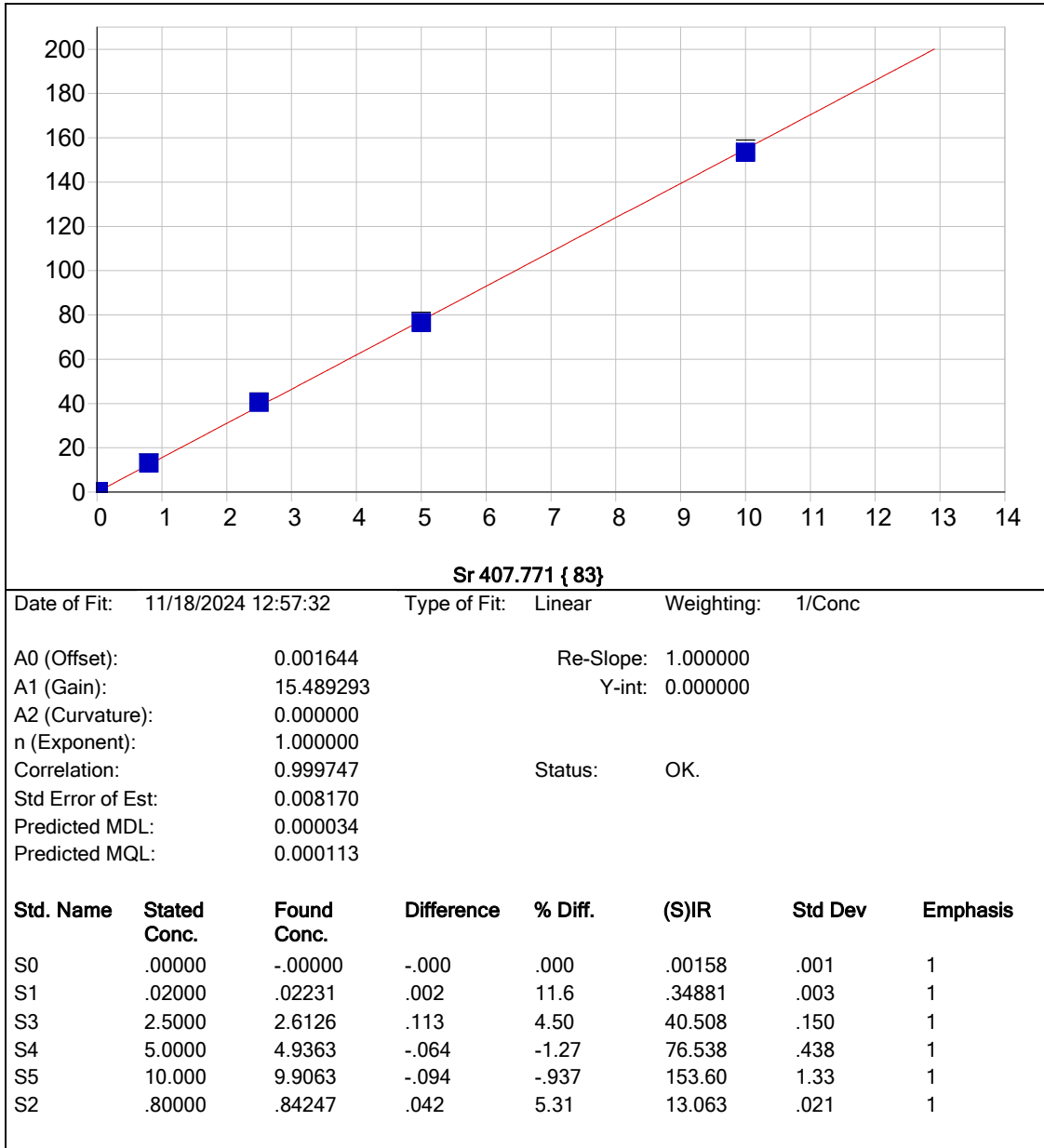
S 182.034 {485}

Date of Fit: 11/18/2024 12:57:32 Type of Fit: Linear Weighting: 1/Conc

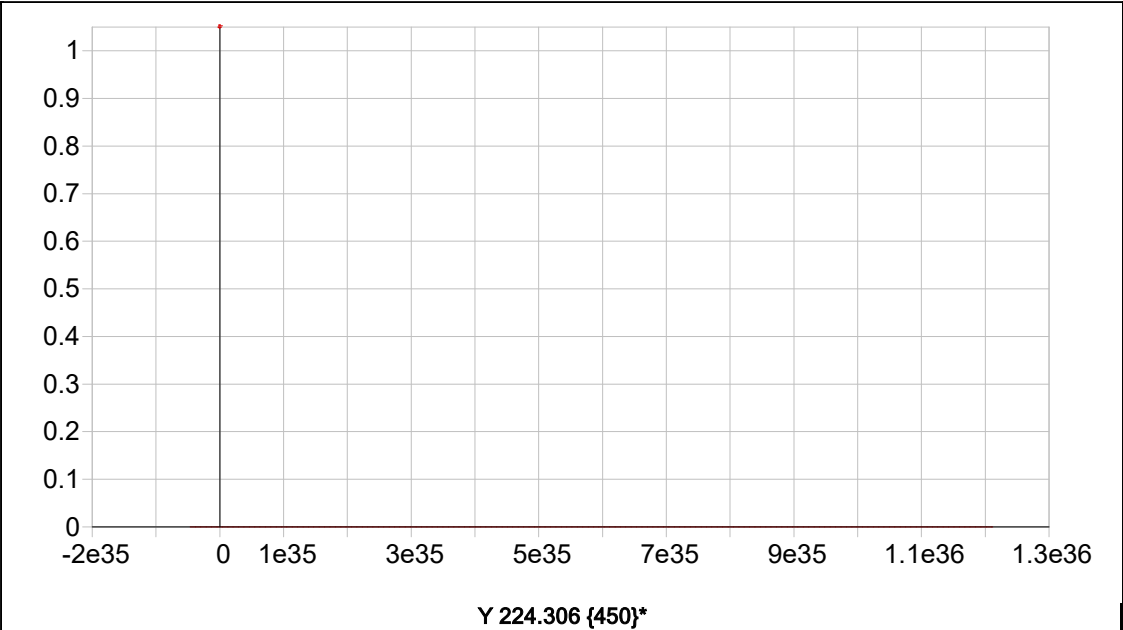
A0 (Offset): 0.000456 Re-Slope: 1.000000
A1 (Gain): 0.025643 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.865196 Status: OK.
Std Error of Est: 0.000347
Predicted MDL: 0.003139
Predicted MQL: 0.010464

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.00045	.000	1
S1	.02000	.36784	.348	1740.	.00987	.000	1
S3	2.5000	2.3005	-.200	-7.98	.05928	.000	1
S4	5.0000	4.6350	-.365	-7.30	.11898	.001	1
S5	10.000	10.328	.328	3.28	.26463	.000	1
S2	.80000	.70247	-.098	-12.2	.01842	.000	1





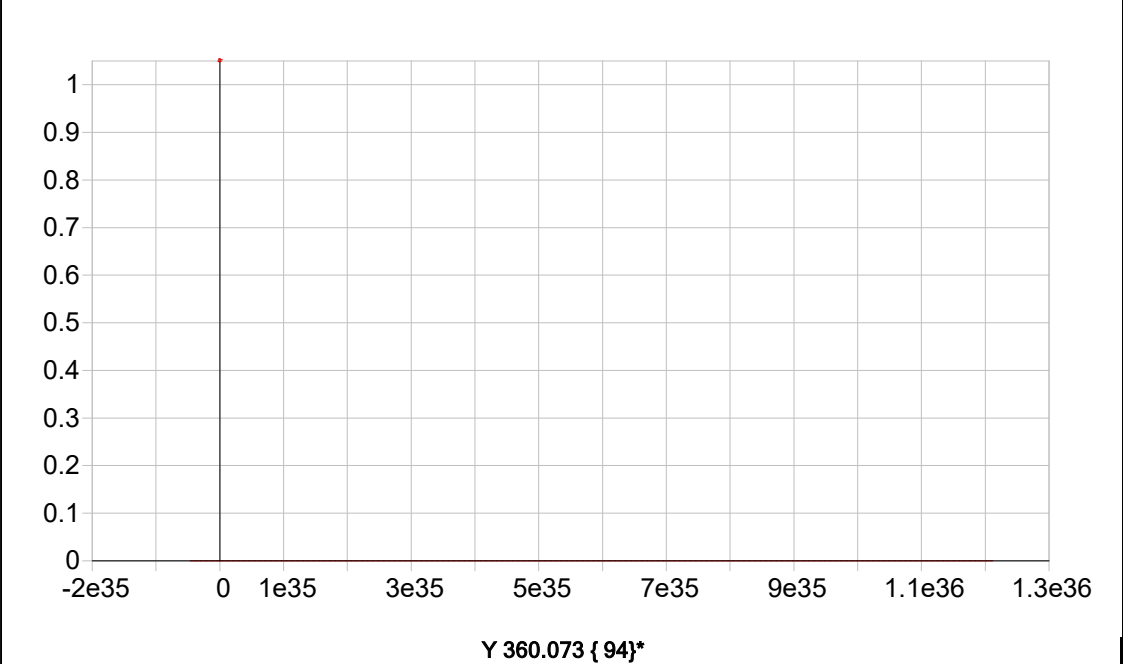
Date of Fit:	11/18/2024 12:57:32	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.001644	Re-Slope:	1.000000		
A1 (Gain):	15.489293	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999747	Status:	OK.		
Std Error of Est:	0.008170				
Predicted MDL:	0.000034				
Predicted MQL:	0.000113				



Date of Fit: 11/18/2024 12:31:27 Type of Fit: Linear Weighting: 1/Conc

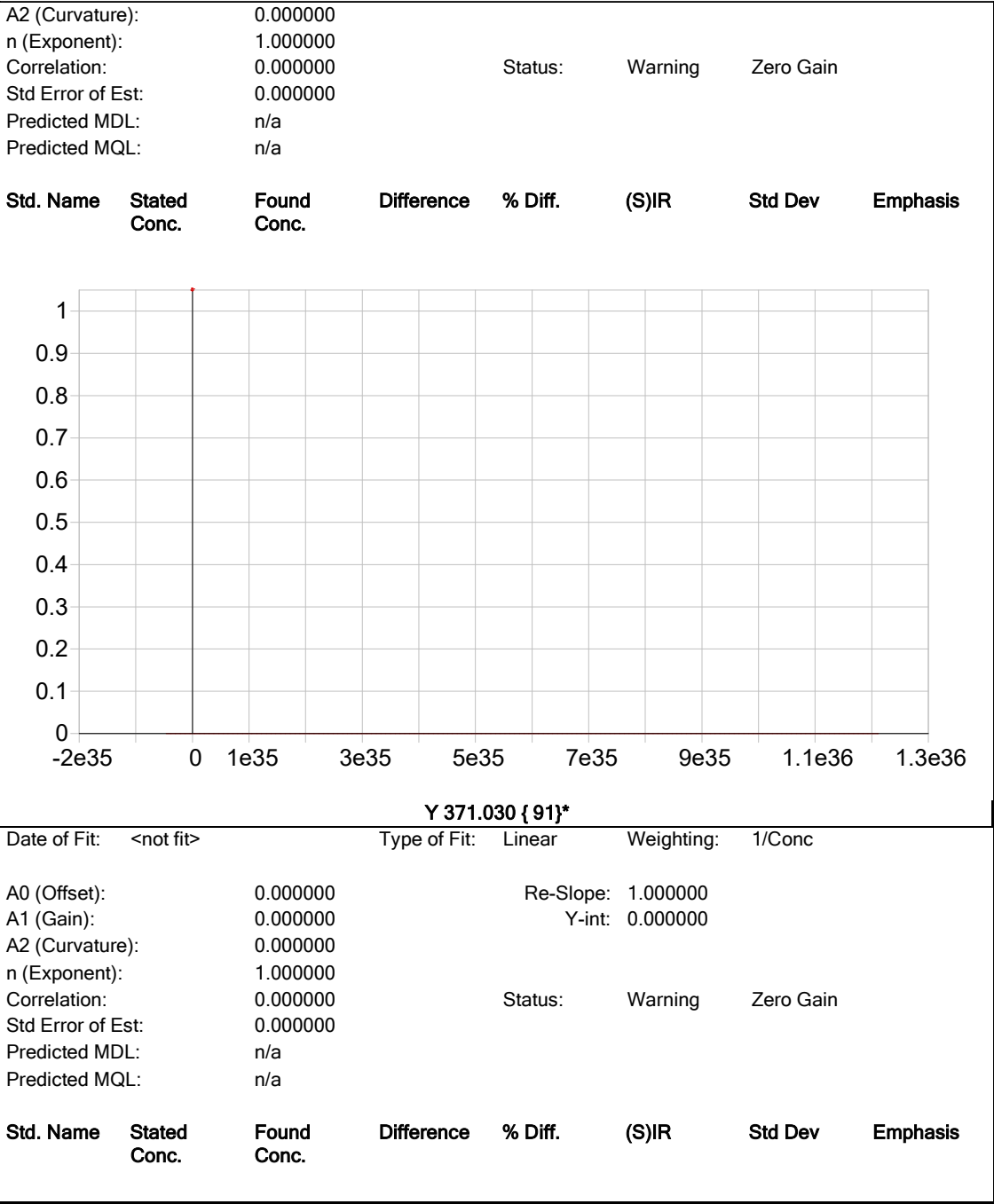
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

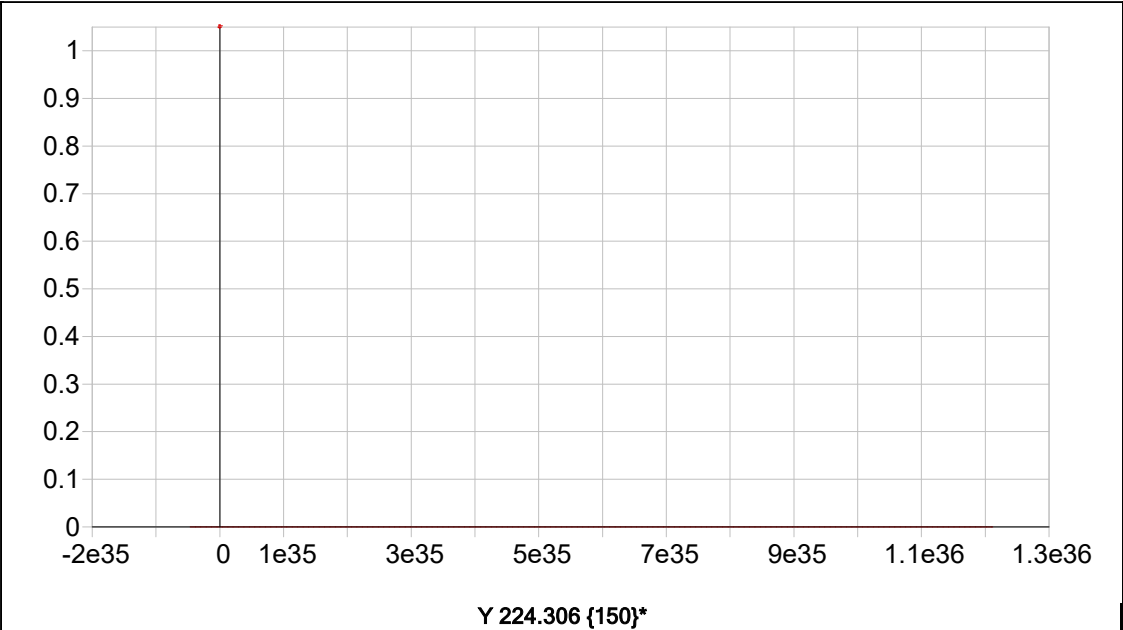
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

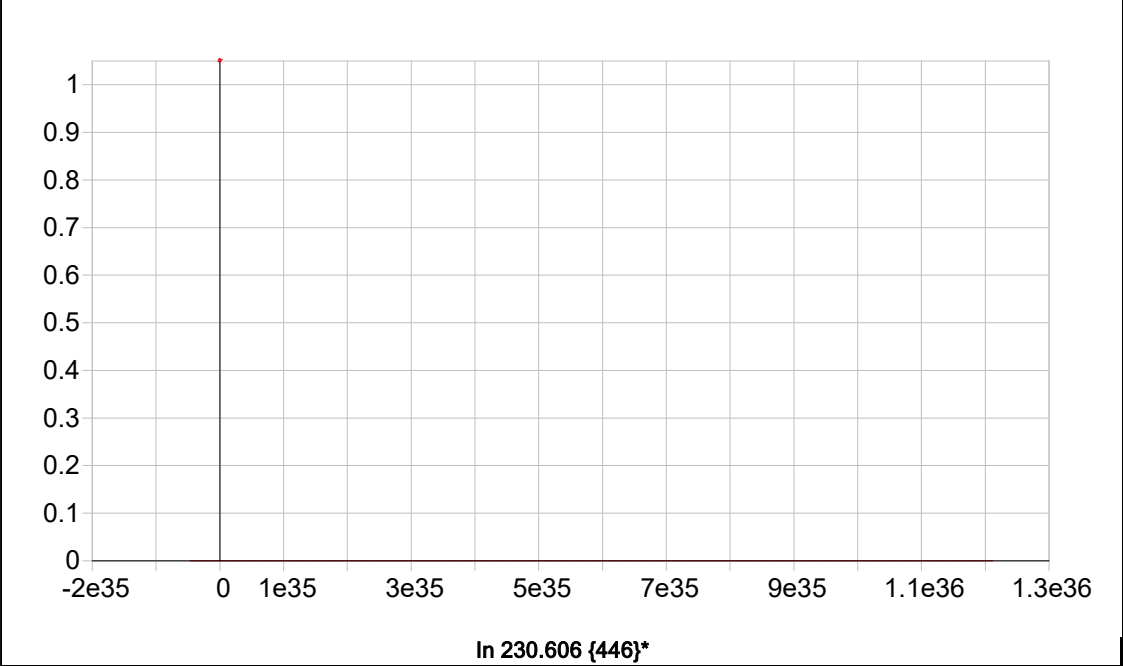
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000





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	
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				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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		

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