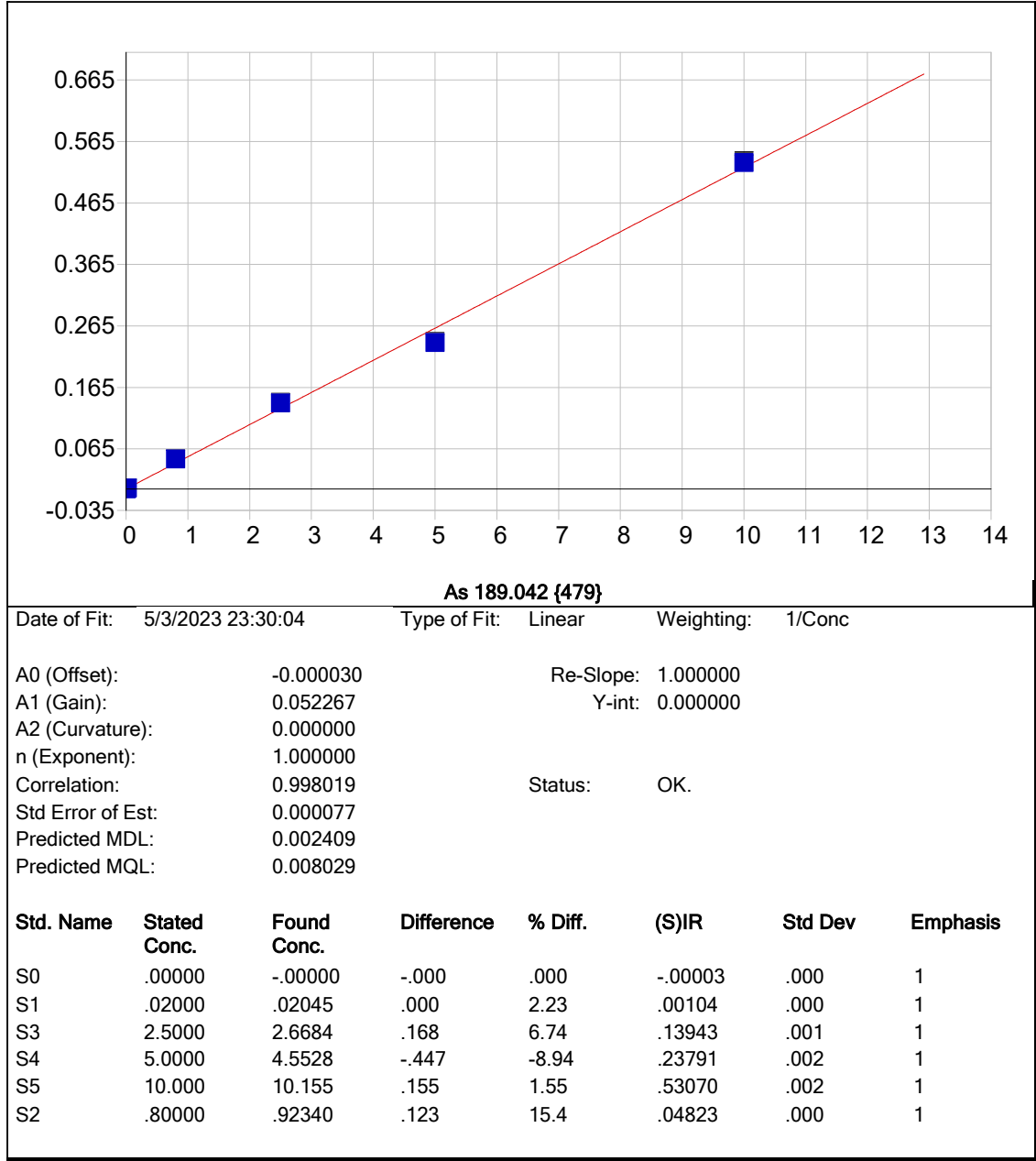
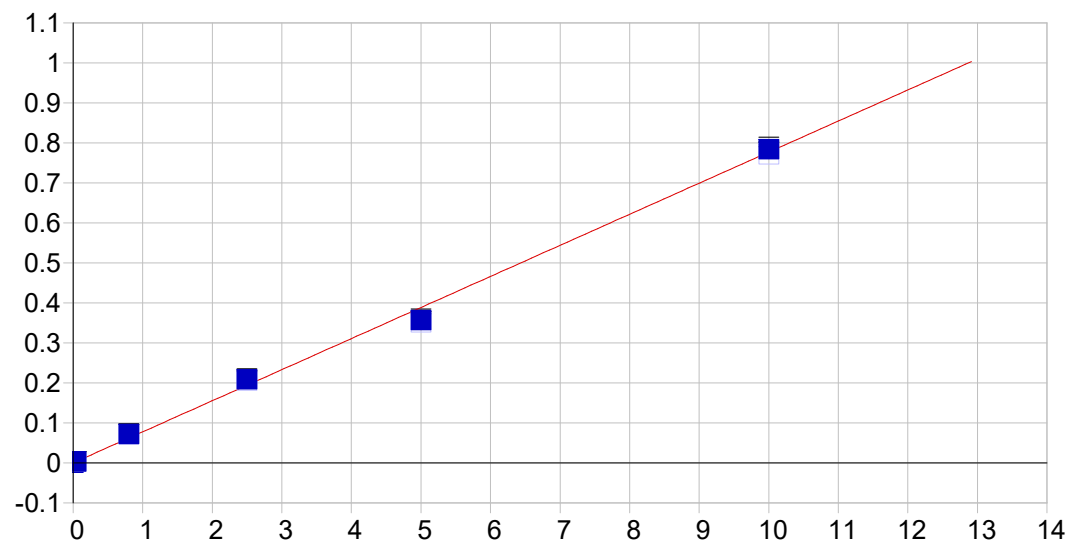




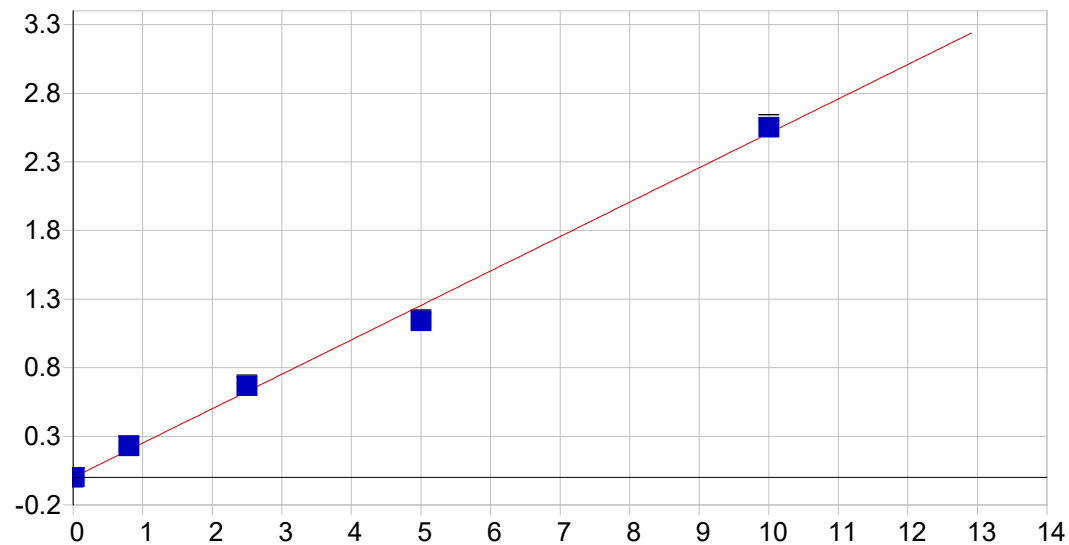


TI 190.856 {477}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.077695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998094 Status: OK.
 Std Error of Est: 0.000157
 Predicted MDL: 0.001655
 Predicted MQL: 0.005515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.04000	.04249	.002	6.23	.00313	.000	1
S3	2.5000	2.6848	.185	7.39	.20547	.002	1
S4	5.0000	4.5962	-.404	-8.08	.35083	.003	1
S5	10.000	10.088	.088	.881	.77125	.006	1
S2	.80000	.92852	.129	16.1	.07115	.000	1

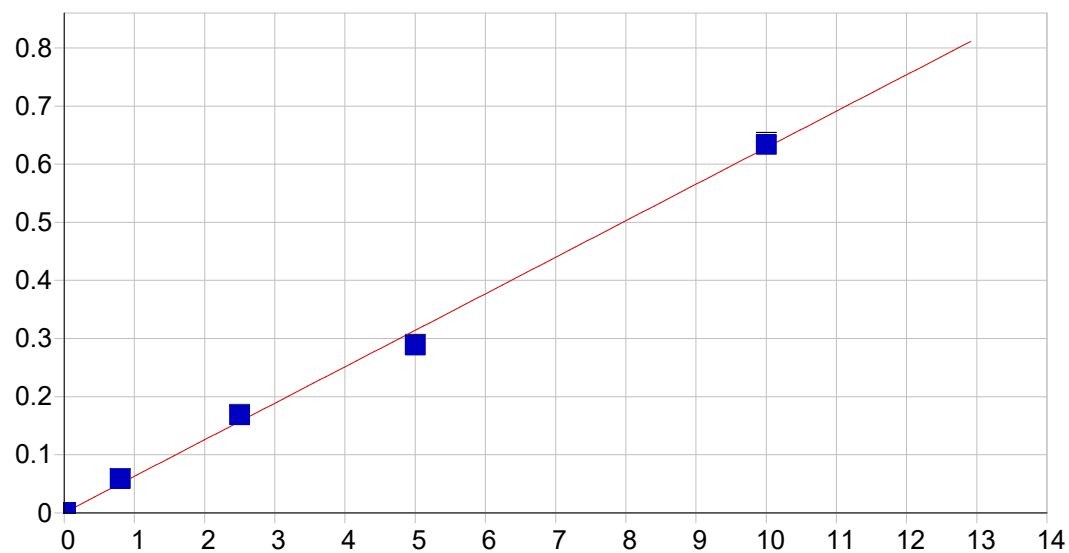


Pb 220.353 {453}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000071 Re-Slope: 1.000000
 A1 (Gain): 0.250839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998028 Status: OK.
 Std Error of Est: 0.000286
 Predicted MDL: 0.001357
 Predicted MQL: 0.004523

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01200	.01305	.001	8.79	.00317	.000	1
S3	2.5000	2.6650	.165	6.60	.66829	.005	1
S4	5.0000	4.5450	-.455	-9.10	1.1397	.007	1
S5	10.000	10.172	.172	1.72	2.5510	.021	1
S2	.80000	.91679	.117	14.6	.22985	.001	1

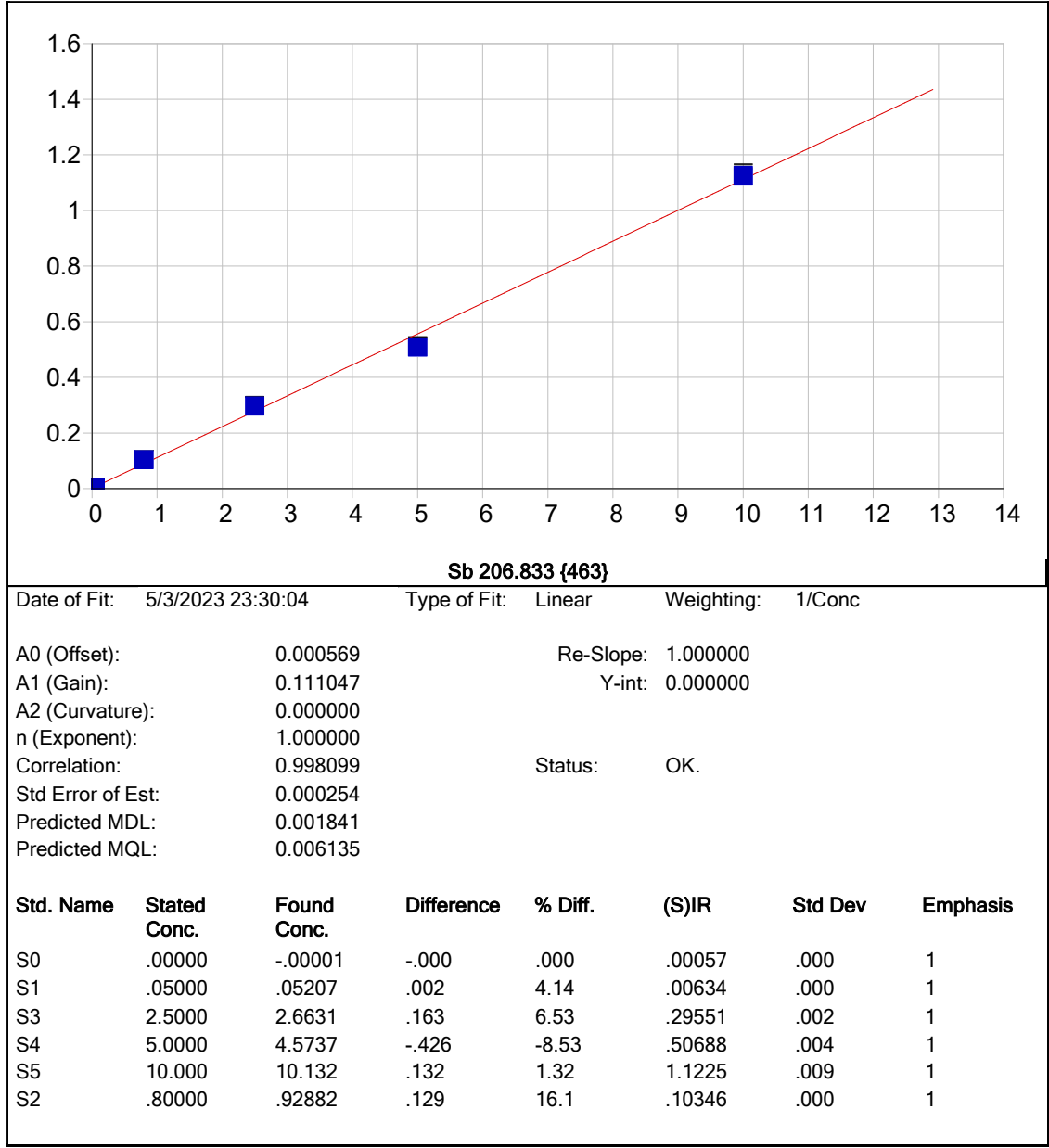


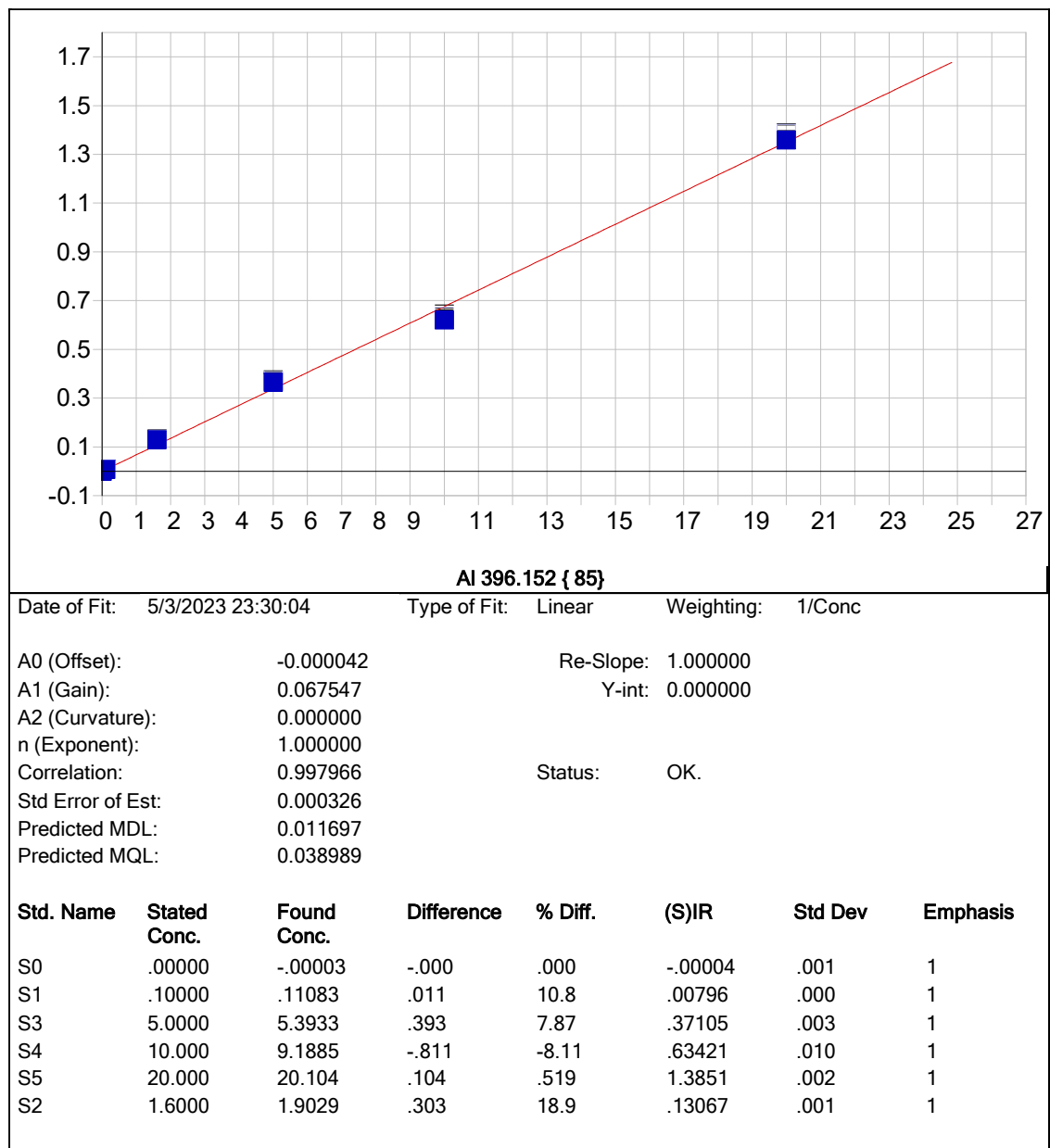
Se 196.090 {472}

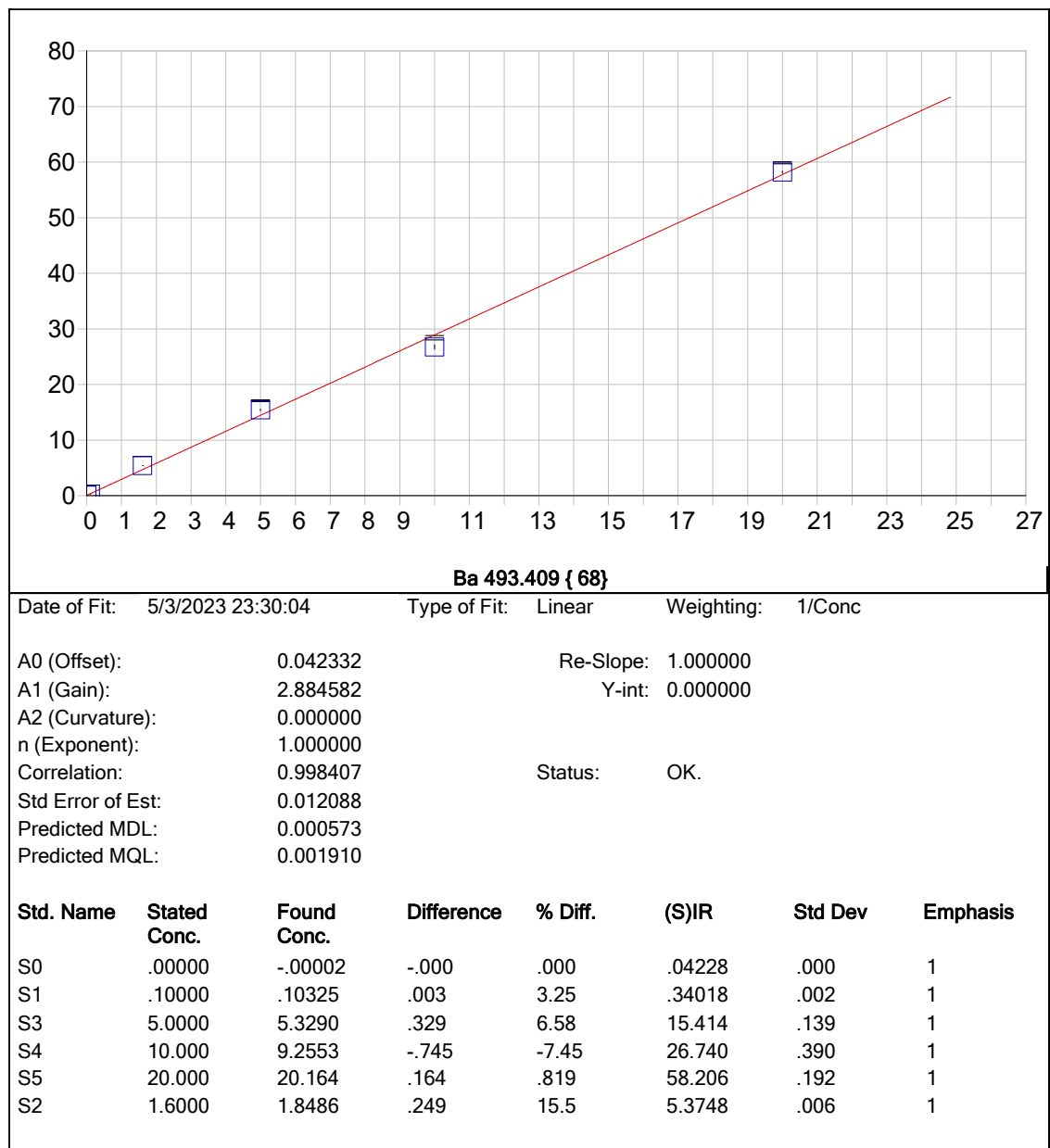
Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

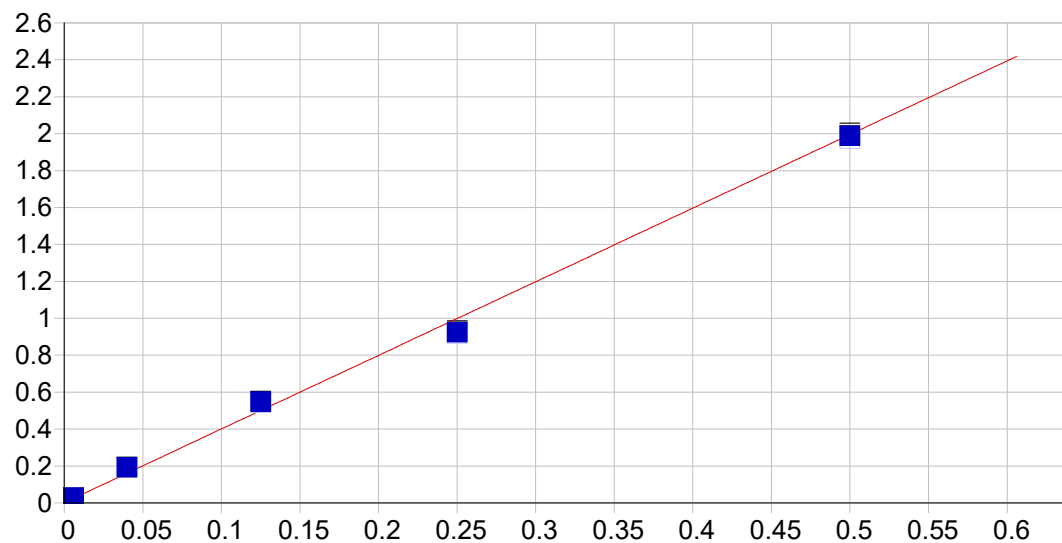
A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.062807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998050 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.003422
 Predicted MQL: 0.011407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.02000	.02351	.004	17.5	.00164	.000	1
S3	2.5000	2.6823	.182	7.29	.16870	.001	1
S4	5.0000	4.5892	-.411	-8.22	.28853	.001	1
S5	10.000	10.089	.089	.886	.63406	.004	1
S2	.80000	.93643	.136	17.1	.05900	.000	1







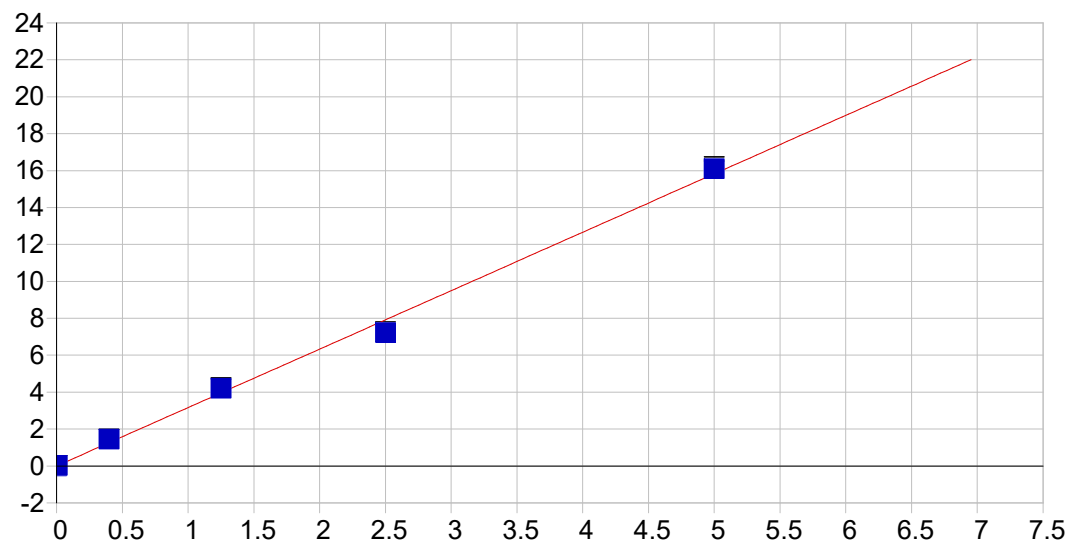


Be 234.861 {144}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001706	Re-Slope:	1.000000
A1 (Gain):	3.987702	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997711	Status:	OK.
Std Error of Est:	0.000772		
Predicted MDL:	0.000071		
Predicted MQL:	0.000235		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00170	.000	1
S1	.00600	.00674	.001	12.4	.02832	.000	1
S3	.12500	.13671	.012	9.37	.54313	.005	1
S4	.25000	.23143	-.019	-7.43	.91709	.008	1
S5	.50000	.49815	-.002	-.371	1.9732	.015	1
S2	.04000	.04797	.008	19.9	.19181	.001	1

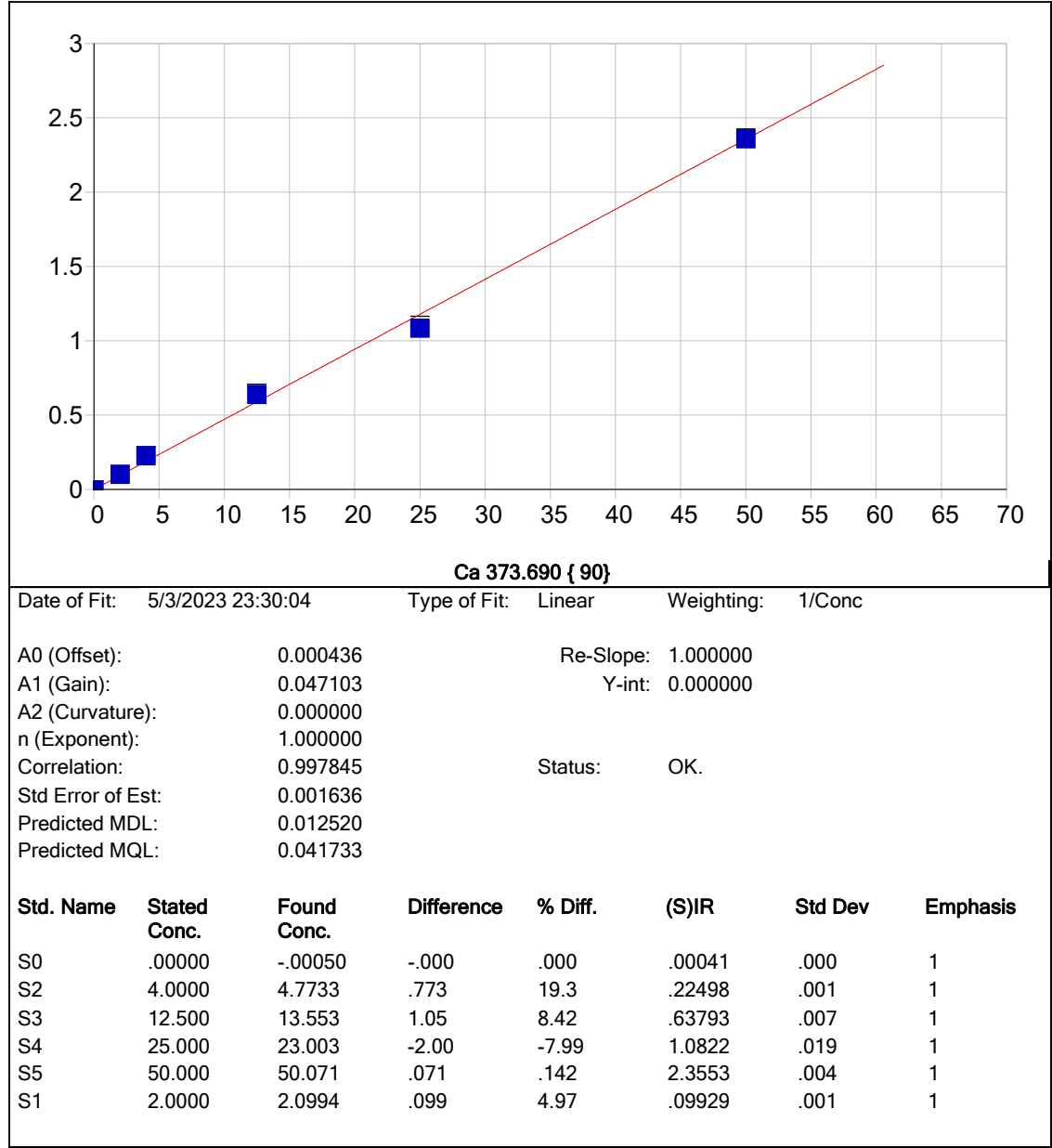


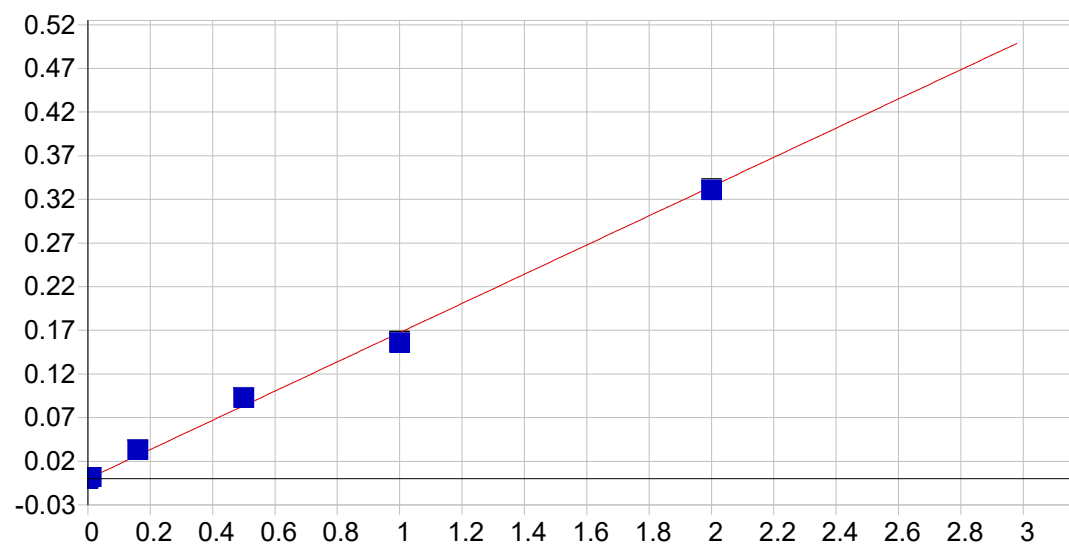
Cd 226.502 {449}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000092	Re-Slope:	1.000000
A1 (Gain):	3.165293	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998135	Status:	OK.
Std Error of Est:	0.001758		
Predicted MDL:	0.000088		
Predicted MQL:	0.000292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.00600	.00681	.001	13.4	.02171	.000	1
S3	1.2500	1.3279	.078	6.23	4.2066	.030	1
S4	2.5000	2.2790	-.221	-8.84	7.2205	.049	1
S5	5.0000	5.0844	.084	1.69	16.107	.115	1
S2	.40000	.45793	.058	14.5	1.4507	.006	1



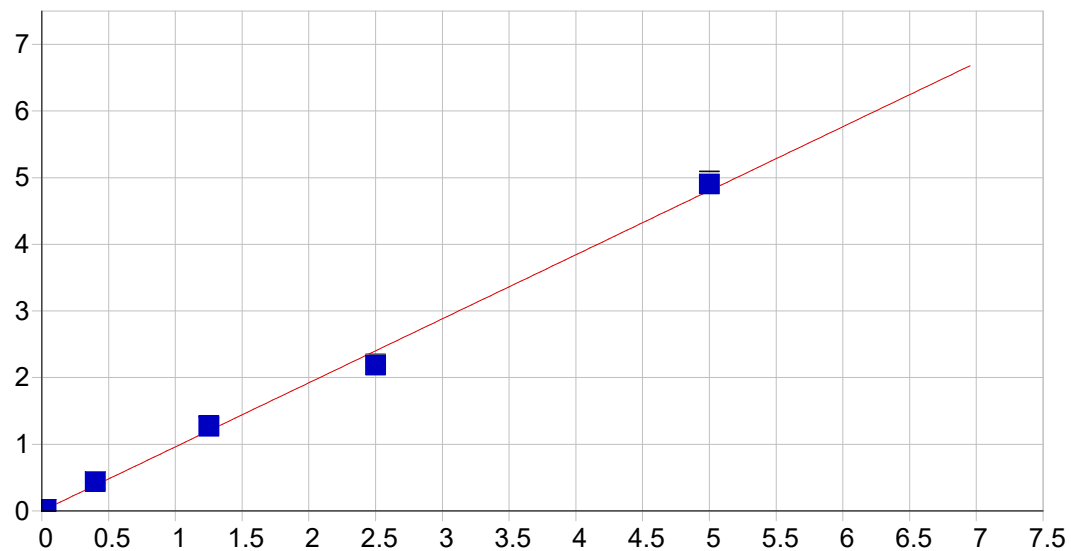


Cr 267.716 {126}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000021 Re-Slope: 1.000000
 A1 (Gain): 0.167356 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997328 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000424
 Predicted MQL: 0.001415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.01000	.01187	.002	18.7	.00197	.000	1
S3	.50000	.55473	.055	10.9	.09290	.000	1
S4	1.0000	.93142	-.069	-6.86	.15603	.002	1
S5	2.0000	1.9753	-.025	-1.23	.33090	.001	1
S2	.16000	.19662	.037	22.9	.03291	.000	1

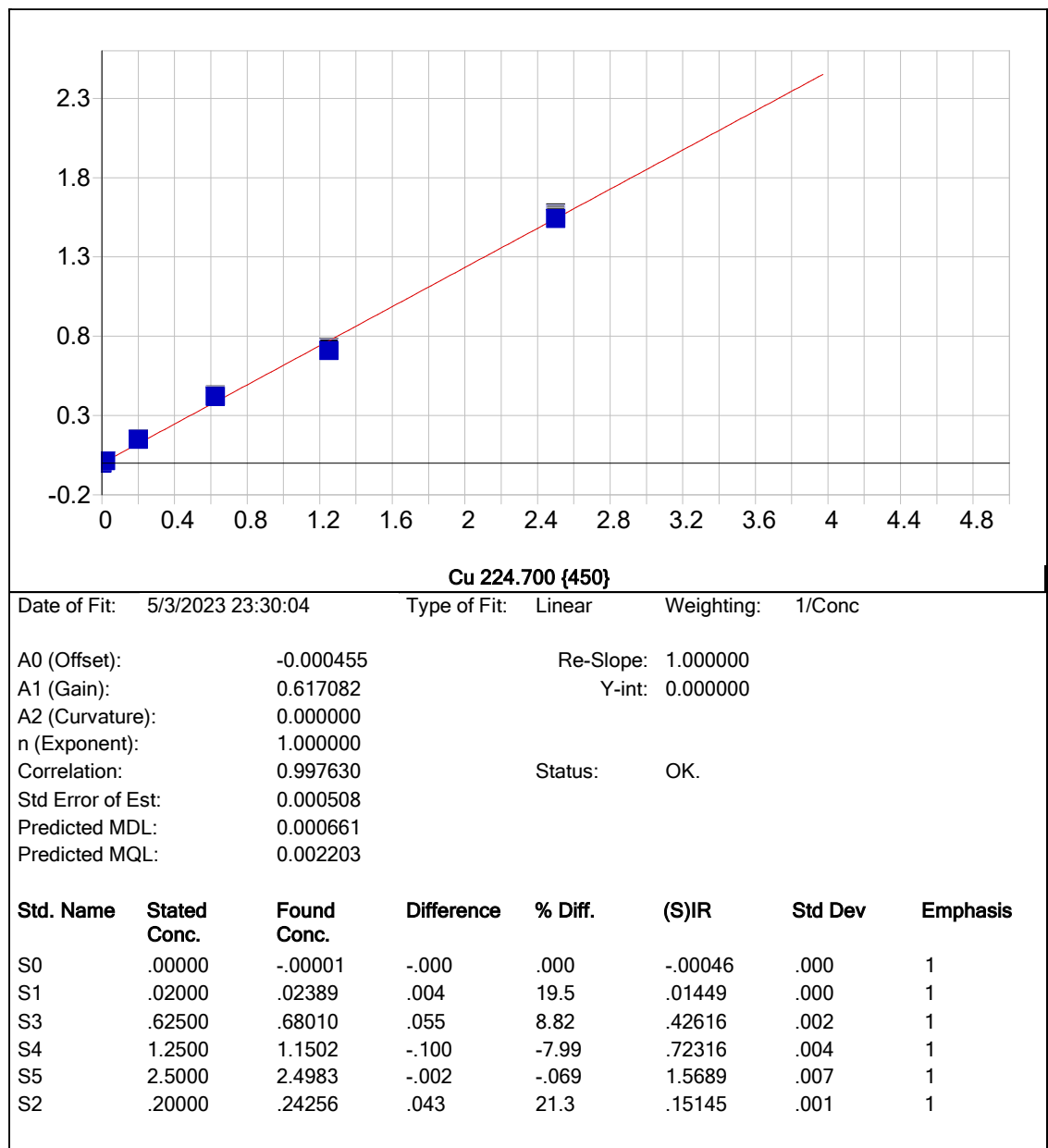


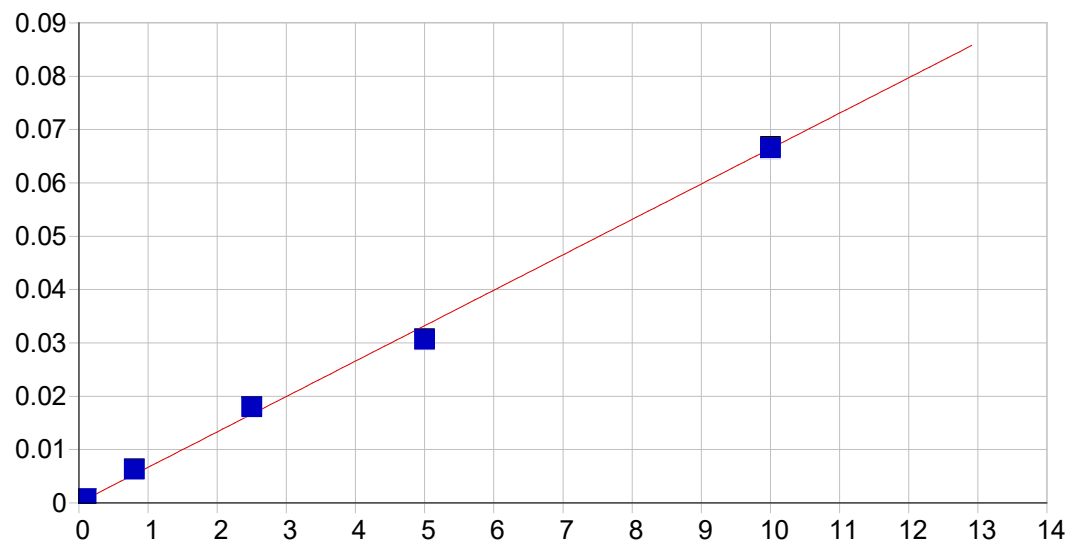
Co 228.616 {448}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000277	Re-Slope:	1.000000
A1 (Gain):	0.960812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998151	Status:	OK.
Std Error of Est:	0.001191		
Predicted MDL:	0.000231		
Predicted MQL:	0.000769		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00027	.000	1
S1	.03000	.03063	.001	2.10	.02963	.000	1
S3	1.2500	1.3168	.067	5.35	1.2681	.010	1
S4	2.5000	2.2731	-.227	-9.08	2.1896	.016	1
S5	5.0000	5.1033	.103	2.07	4.9141	.038	1
S2	.40000	.45612	.056	14.0	.43937	.001	1



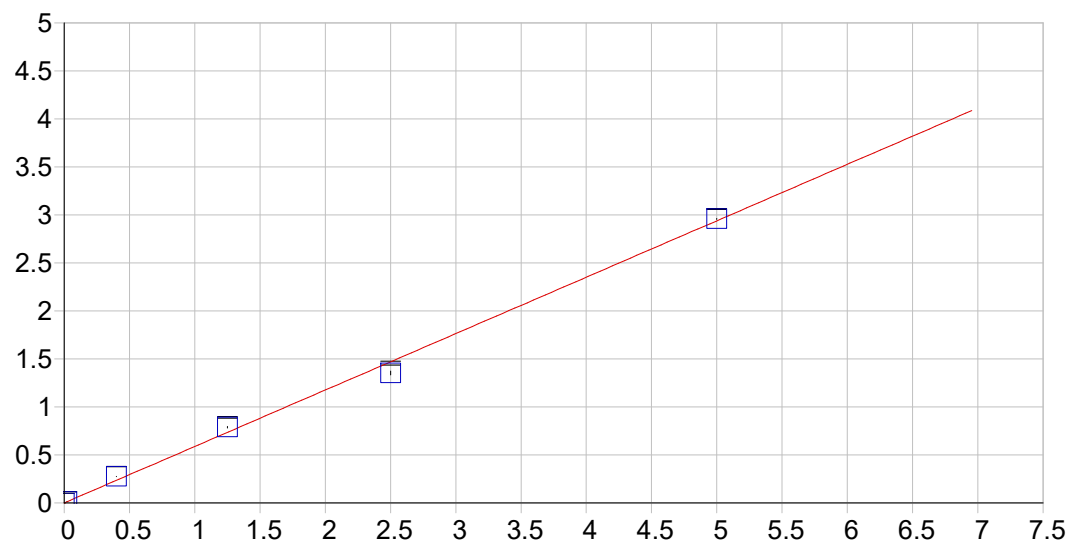


Fe 240.488 {140}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.006640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997989	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.004740		
Predicted MQL:	0.015799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00004	.000	1
S1	.10000	.11221	.012	12.2	.00078	.000	1
S3	2.5000	2.7034	.203	8.13	.01792	.000	1
S4	5.0000	4.6167	-.383	-7.67	.03056	.000	1
S5	10.000	10.023	.023	.231	.06633	.000	1
S2	.80000	.94460	.145	18.1	.00629	.000	1

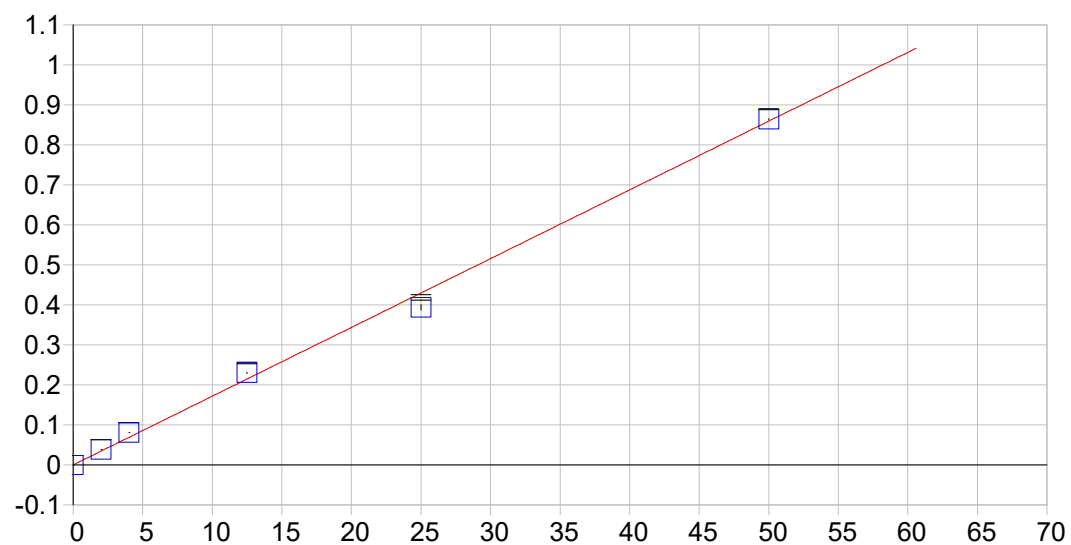


Mn 257.610 {131}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000236	Re-Slope:	1.000000
A1 (Gain):	0.587724	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998133	Status:	OK.
Std Error of Est:	0.000596		
Predicted MDL:	0.000384		
Predicted MQL:	0.001279		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.02000	.02144	.001	7.18	.01283	.000	1
S3	1.2500	1.3431	.093	7.45	.78962	.009	1
S4	2.5000	2.3038	-.196	-7.85	1.3542	.020	1
S5	5.0000	5.0333	.033	.666	2.9584	.004	1
S2	.40000	.46834	.068	17.1	.27549	.001	1

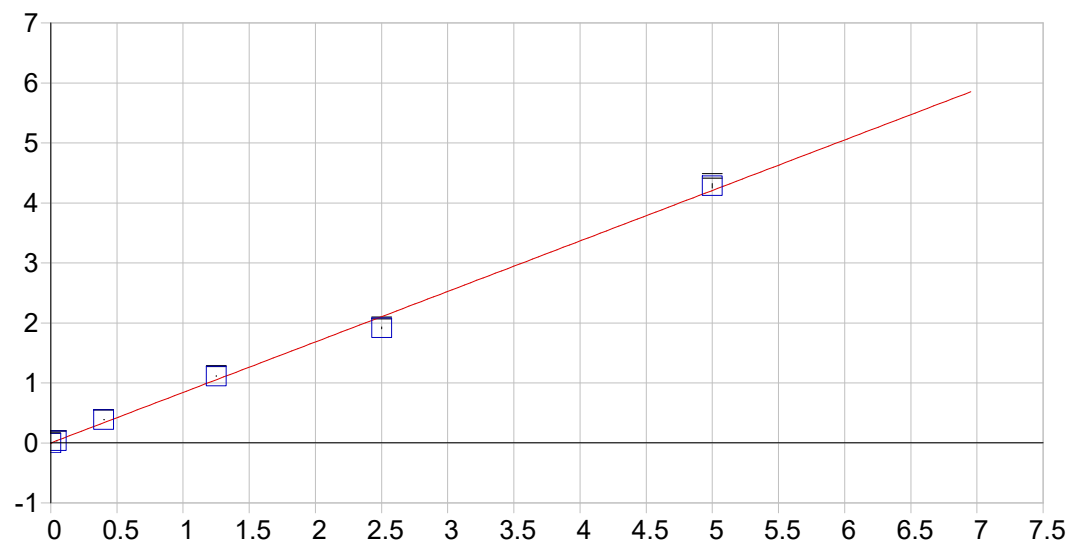


Mg 279.079 {121}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000098 Re-Slope: 1.000000
 A1 (Gain): 0.017188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997939 Status: OK.
 Std Error of Est: 0.000585
 Predicted MDL: 0.017859
 Predicted MQL: 0.059531

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00056	-.001	.000	.00009	.000	1
S2	4.0000	4.6974	.697	17.4	.08083	.000	1
S3	12.500	13.387	.887	7.09	.23018	.002	1
S4	25.000	22.911	-2.09	-8.36	.39388	.007	1
S5	50.000	50.279	.279	.557	.86426	.001	1
S1	2.0000	2.2264	.226	11.3	.03836	.000	1

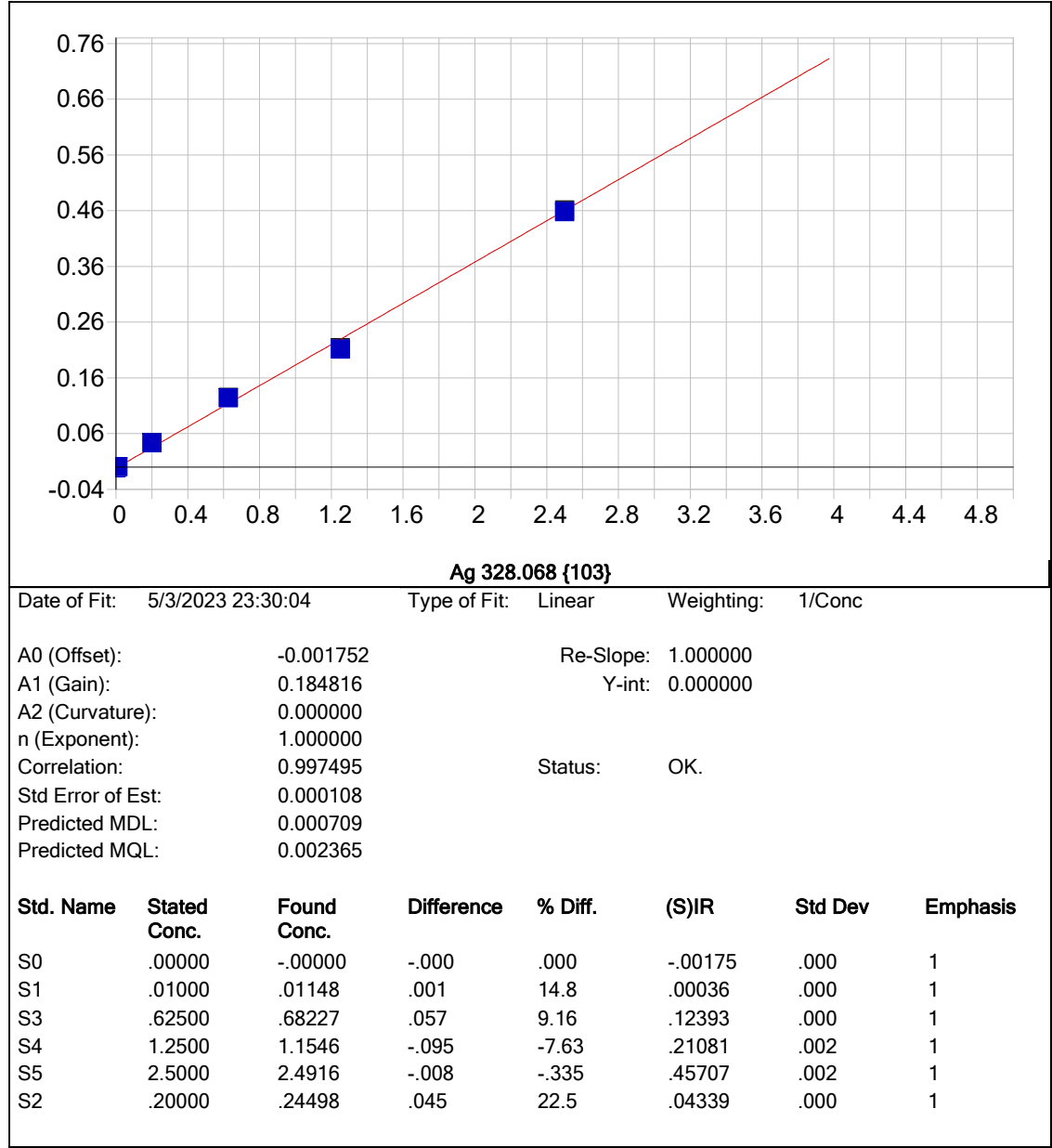


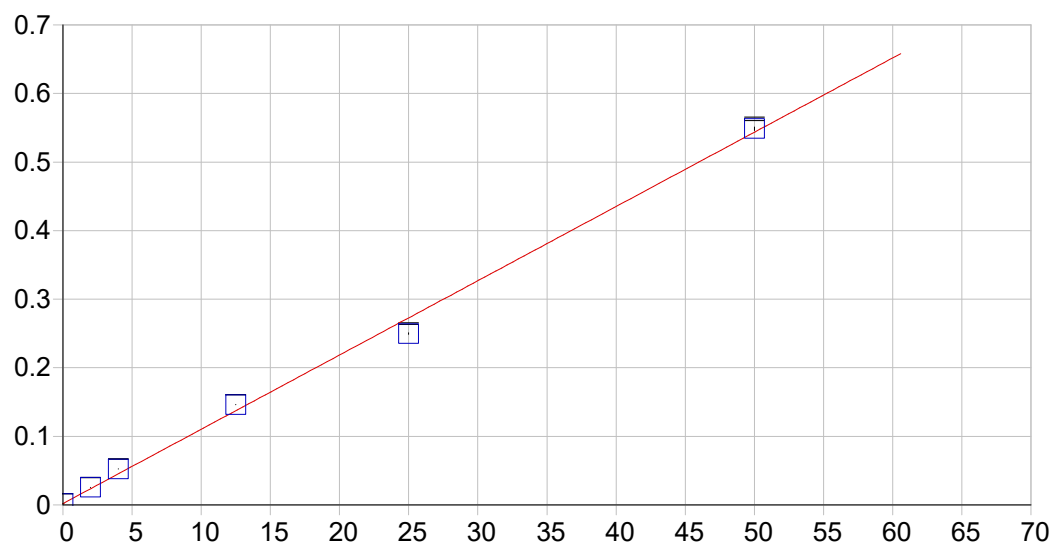
Ni 231.604 {446}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000252 Re-Slope: 1.000000
 A1 (Gain): 0.841605 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998120 Status: OK.
 Std Error of Est: 0.001213
 Predicted MDL: 0.000333
 Predicted MQL: 0.001109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00026	.000	1
S1	.04000	.03967	-.000	-.816	.03314	.000	1
S3	1.2500	1.3234	.073	5.87	1.1135	.009	1
S4	2.5000	2.2763	-.224	-8.95	1.9155	.015	1
S5	5.0000	5.0918	.092	1.84	4.2850	.037	1
S2	.40000	.45882	.059	14.7	.38590	.000	1



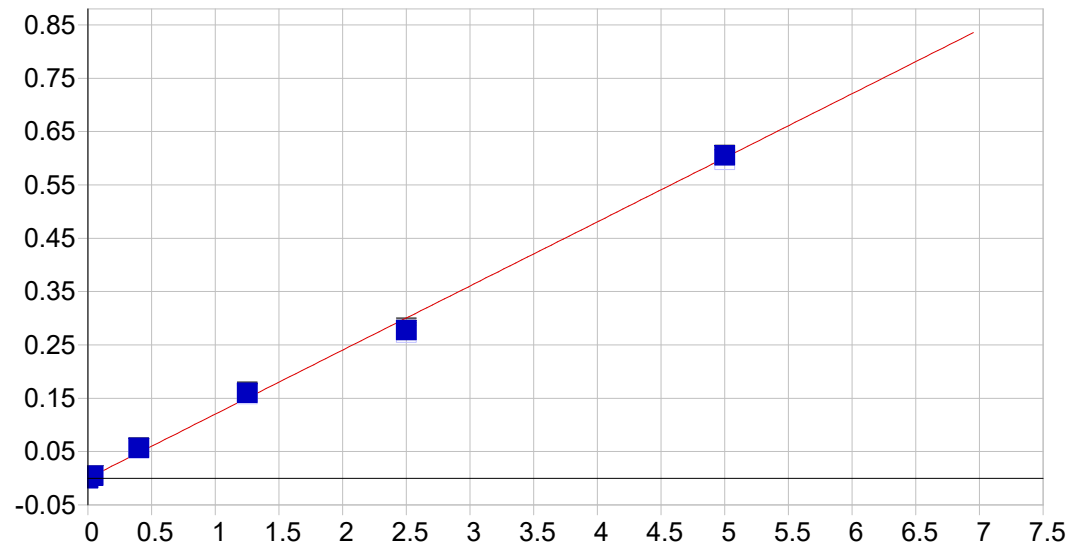


Na 589.592 { 57}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002000 Re-Slope: 1.000000
 A1 (Gain): 0.010830 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998104 Status: OK.
 Std Error of Est: 0.000353
 Predicted MDL: 0.016501
 Predicted MQL: 0.055004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00047	-.000	.000	.00200	.000	1
S2	4.0000	4.6493	.649	16.2	.05235	.000	1
S3	12.500	13.315	.815	6.52	.14620	.000	1
S4	25.000	22.887	-2.11	-8.45	.24987	.001	1
S5	50.000	50.483	.483	.967	.54873	.003	1
S1	2.0000	2.1651	.165	8.25	.02545	.000	1

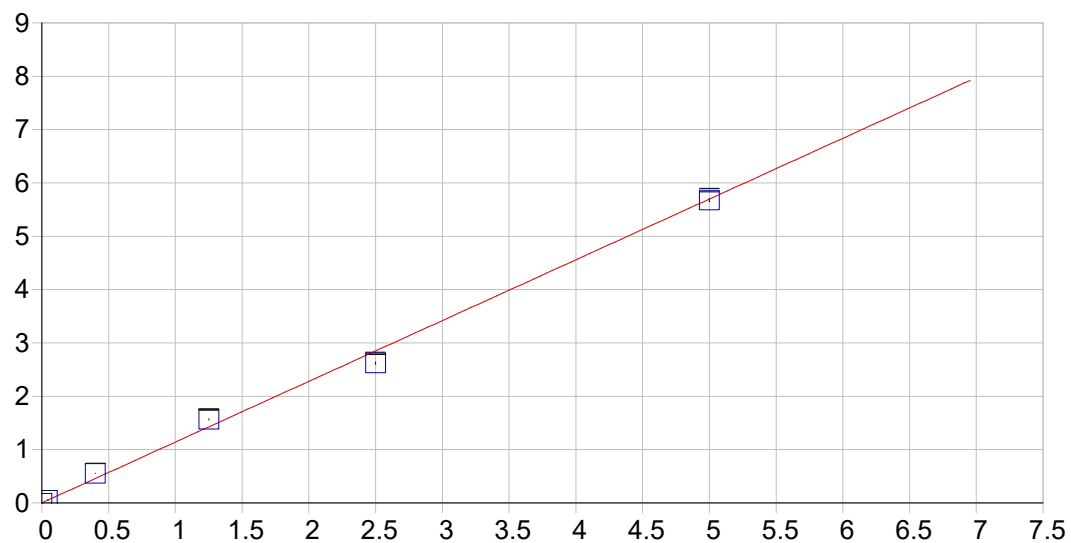


V 292.402 {115}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
A1 (Gain): 0.120176 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.998170 Status: OK.
Std Error of Est: 0.000168
Predicted MDL: 0.002644
Predicted MQL: 0.008812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.04000	.04092	.001	2.30	.00471	.000	1
S3	1.2500	1.3319	.082	6.55	.15788	.002	1
S4	2.5000	2.3085	-.191	-7.66	.27309	.005	1
S5	5.0000	5.0382	.038	.764	.59683	.001	1
S2	.40000	.47048	.070	17.6	.05582	.000	1

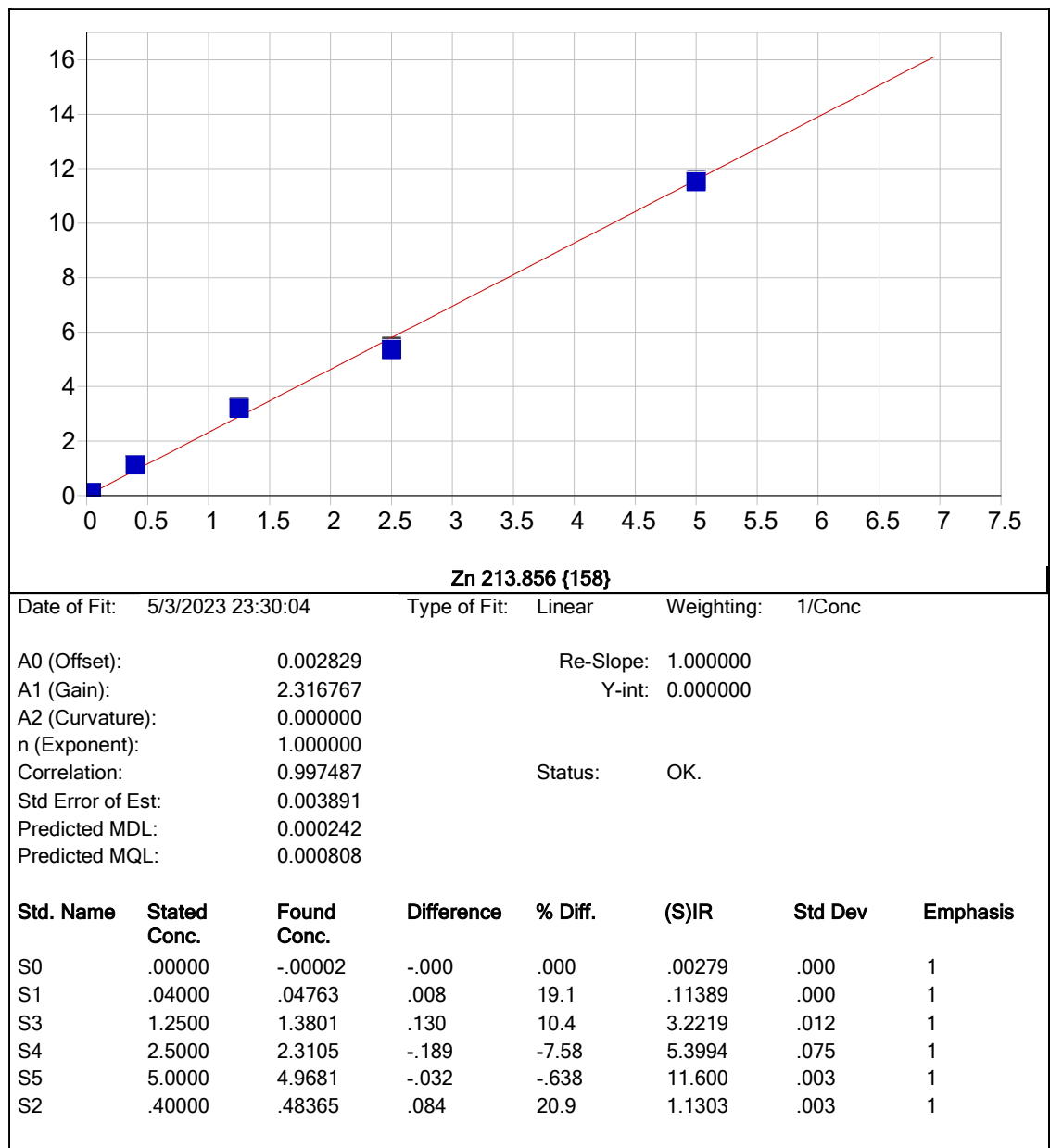


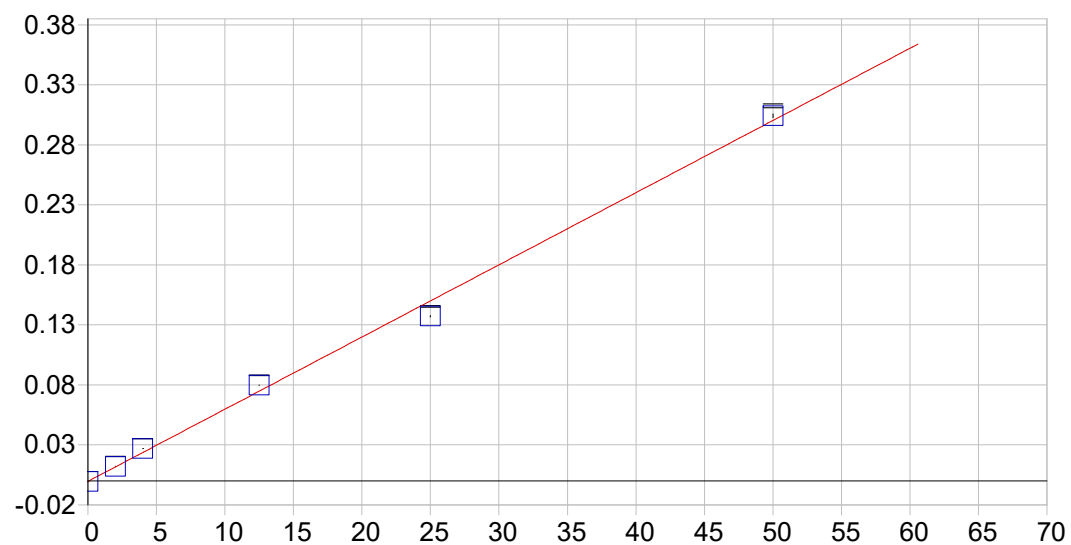
Zn 206.200 {464}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000879	Re-Slope:	1.000000
A1 (Gain):	1.139313	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997330	Status:	OK.
Std Error of Est:	0.001958		
Predicted MDL:	0.000157		
Predicted MQL:	0.000522		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00086	.000	1
S1	.04000	.04864	.009	21.6	.05629	.000	1
S3	1.2500	1.3754	.125	10.0	1.5678	.012	1
S4	2.5000	2.2980	-.202	-8.08	2.6190	.018	1
S5	5.0000	4.9821	-.018	-.358	5.6771	.033	1
S2	.40000	.48589	.086	21.5	.55446	.001	1



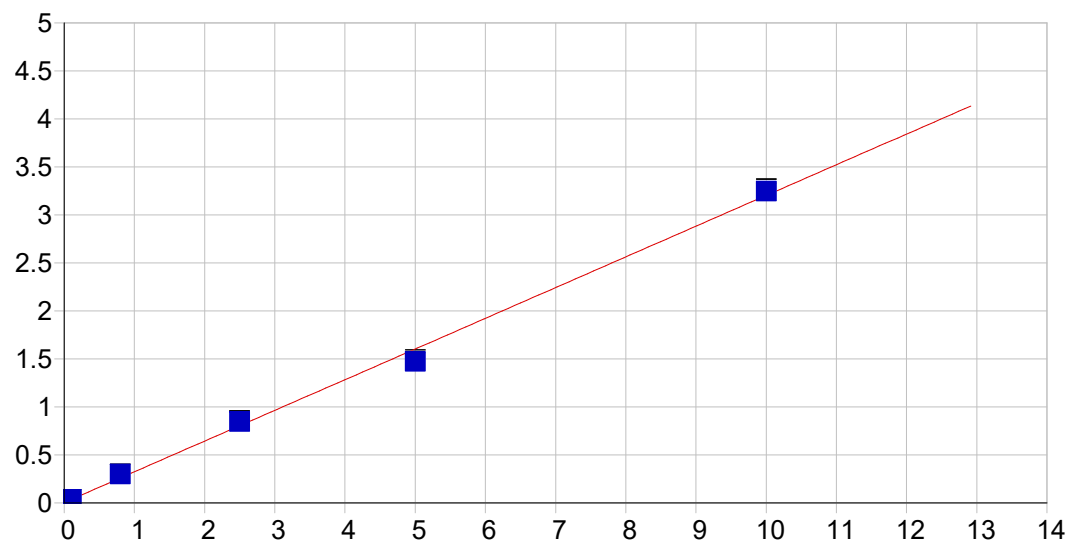


K 766.490 { 44}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000422 Re-Slope: 1.000000
 A1 (Gain): 0.006015 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998303 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.038340
 Predicted MQL: 0.127802

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	-.00042	.000	1
S2	4.0000	4.5373	.537	13.4	.02687	.000	1
S3	12.500	13.330	.830	6.64	.07975	.000	1
S4	25.000	22.888	-2.11	-8.45	.13724	.001	1
S5	50.000	50.661	.661	1.32	.30428	.002	1
S1	2.0000	2.0834	.083	4.17	.01211	.000	1

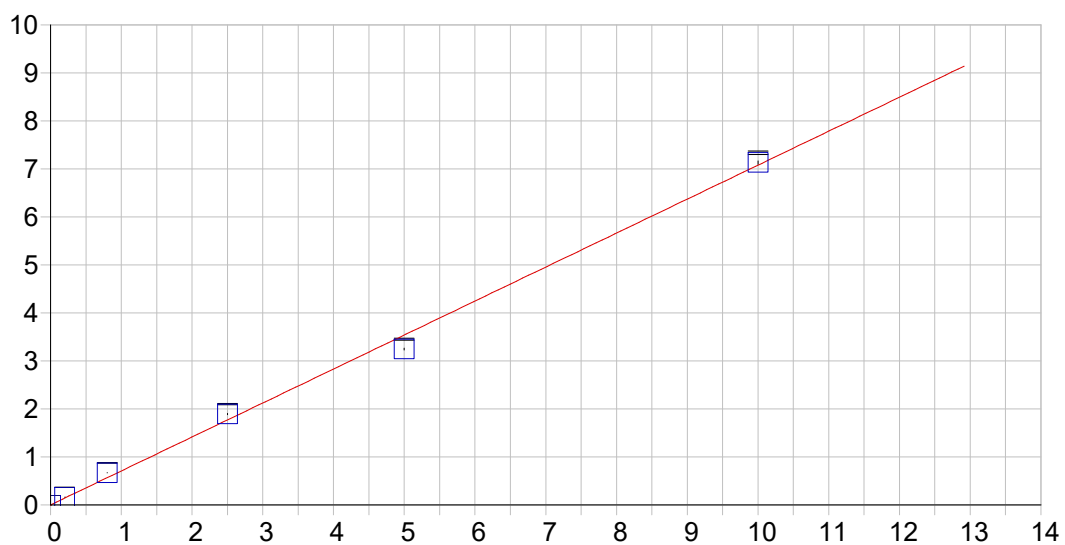


B 249.678 {135}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003945 Re-Slope: 1.000000
 A1 (Gain): 0.319848 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998341 Status: OK.
 Std Error of Est: 0.000970
 Predicted MDL: 0.001130
 Predicted MQL: 0.003766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00394	.000	1
S1	.10000	.10418	.004	4.18	.03720	.000	1
S3	2.5000	2.6357	.136	5.43	.84815	.009	1
S4	5.0000	4.5986	-.401	-8.03	1.4772	.014	1
S5	10.000	10.136	.136	1.36	3.2505	.022	1
S2	.80000	.92575	.126	15.7	.30042	.001	1

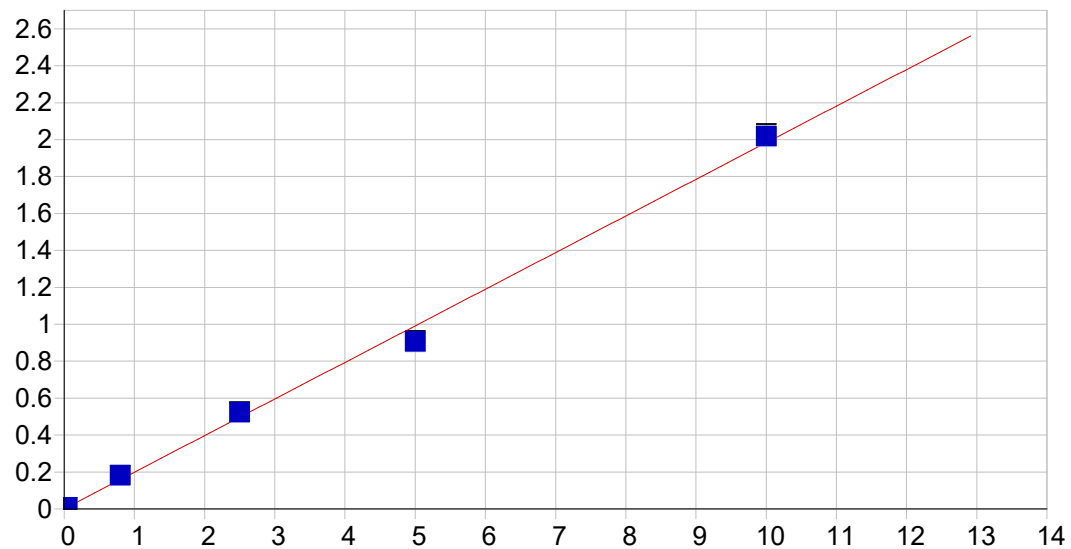


Mo 202.030 {467}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000339 Re-Slope: 1.000000
 A1 (Gain): 0.707758 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997936 Status: OK.
 Std Error of Est: 0.003390
 Predicted MDL: 0.000258
 Predicted MQL: 0.000859

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	.00030	.000	1
S1	.20000	.22367	.024	11.8	.15864	.001	1
S3	2.5000	2.6750	.175	7.00	1.8936	.010	1
S4	5.0000	4.5828	-.417	-8.34	3.2439	.020	1
S5	10.000	10.074	.074	.739	7.1302	.040	1
S2	.80000	.94464	.145	18.1	.66892	.002	1

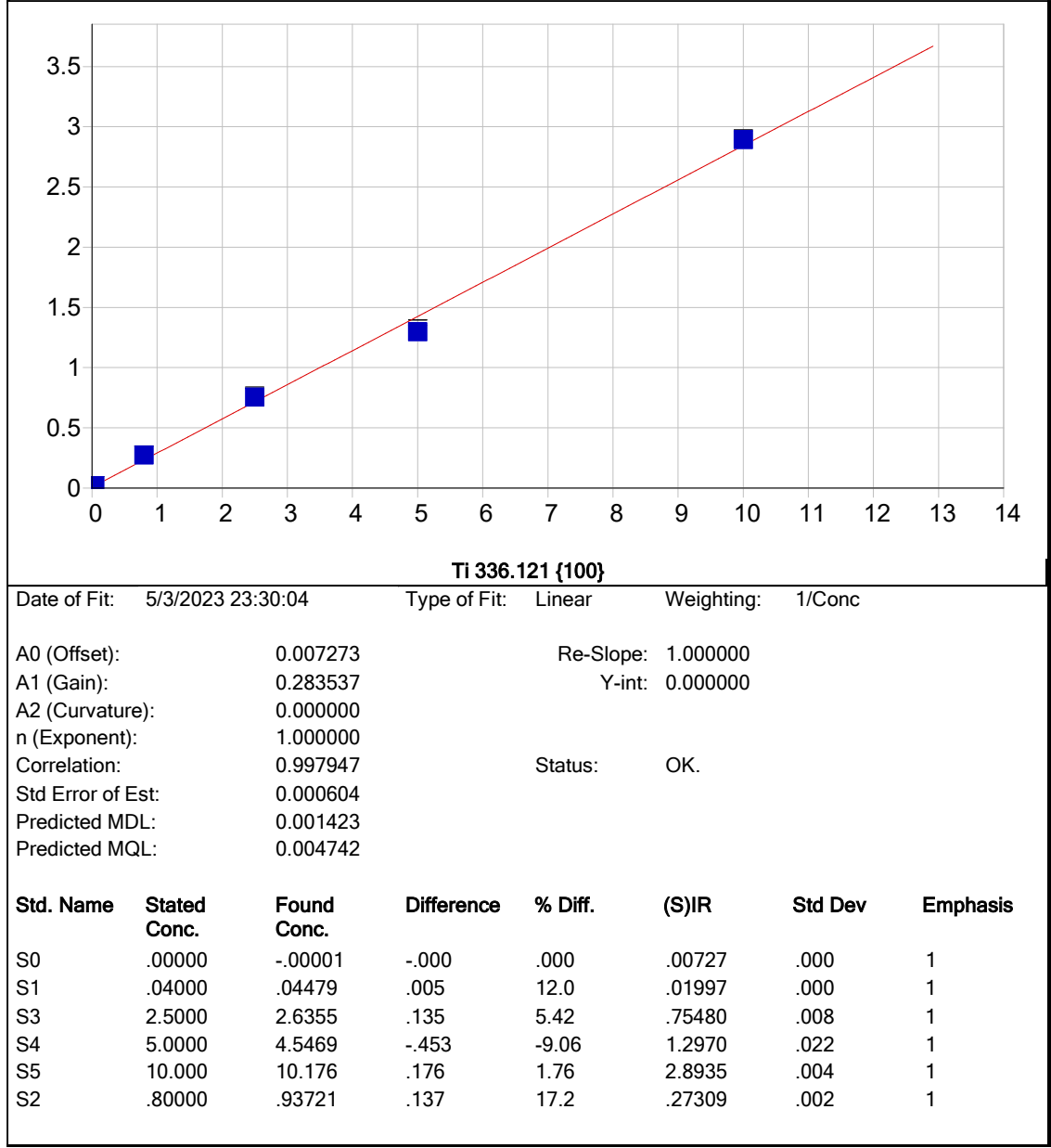


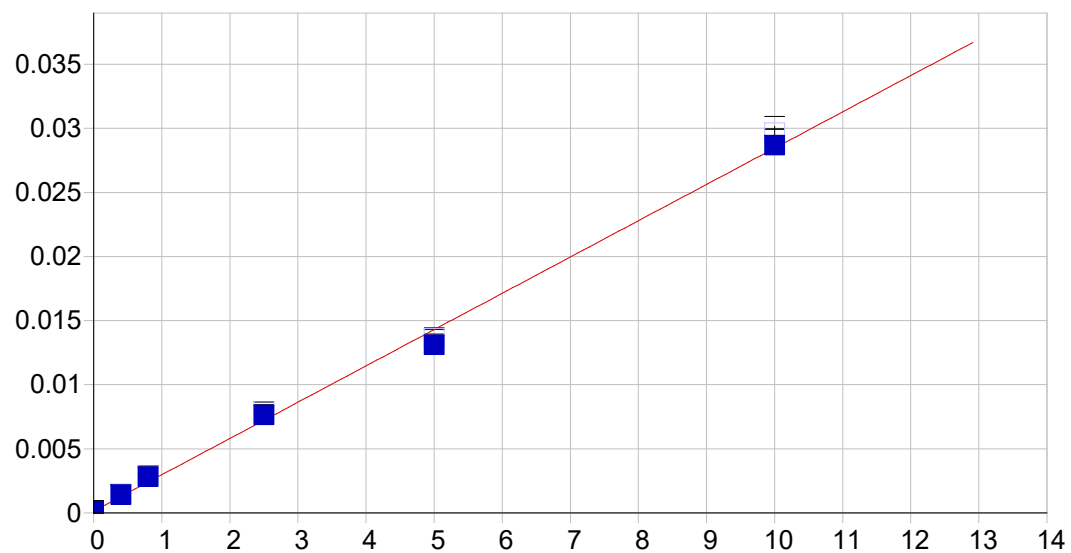
Sn 189.989 {478}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000465	Re-Slope:	1.000000
A1 (Gain):	0.198247	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998240	Status:	OK.
Std Error of Est:	0.000389		
Predicted MDL:	0.000633		
Predicted MQL:	0.002111		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00046	.000	1
S1	.04000	.04019	.000	.464	.00841	.000	1
S3	2.5000	2.6400	.140	5.60	.52251	.003	1
S4	5.0000	4.5668	-.433	-8.66	.90314	.006	1
S5	10.000	10.181	.181	1.81	2.0135	.014	1
S2	.80000	.91212	.112	14.0	.18086	.001	1



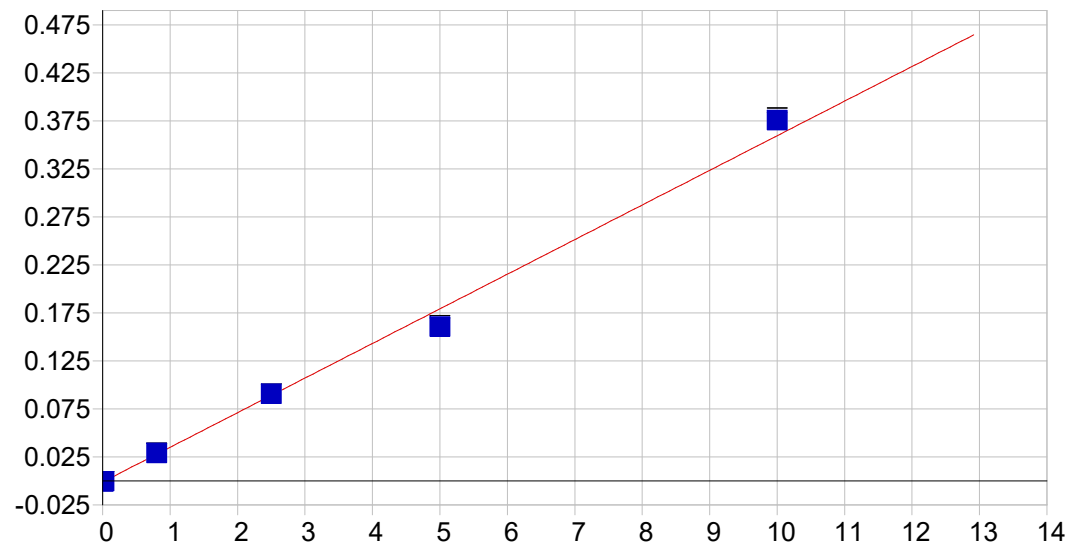


Si 288.158 {117}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000144 Re-Slope: 1.000000
 A1 (Gain): 0.002832 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998067 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.015879
 Predicted MQL: 0.052931

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.00014	.000	1
S1	.40000	.45065	.051	12.7	.00142	.000	1
S3	2.5000	2.6490	.149	5.96	.00789	.000	1
S4	5.0000	4.5782	-.422	-8.44	.01360	.000	1
S5	10.000	10.080	.080	.796	.02967	.000	1
S2	.80000	.94405	.144	18.0	.00290	.000	1

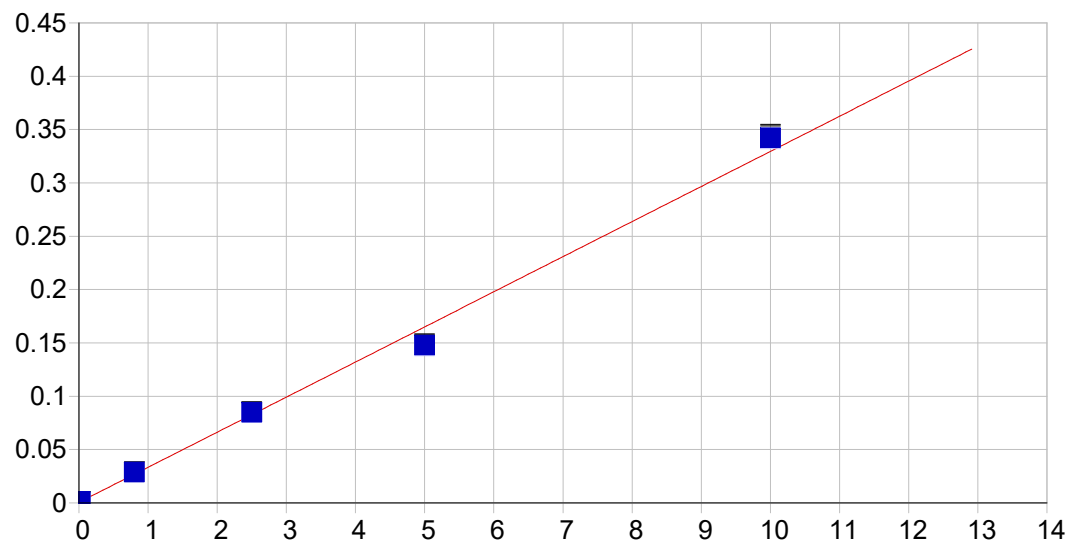


P 177.495 {490}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001090 Re-Slope: 1.000000
 A1 (Gain): 0.036064 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997943 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.002764
 Predicted MQL: 0.009213

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00109	.000	1
S1	.02000	.01652	-.003	-17.4	-.00049	.000	1
S3	2.5000	2.5399	.040	1.59	.09057	.001	1
S4	5.0000	4.4844	-.516	-10.3	.16075	.001	1
S5	10.000	10.447	.447	4.47	.37589	.002	1
S2	.80000	.83272	.033	4.09	.02896	.000	1

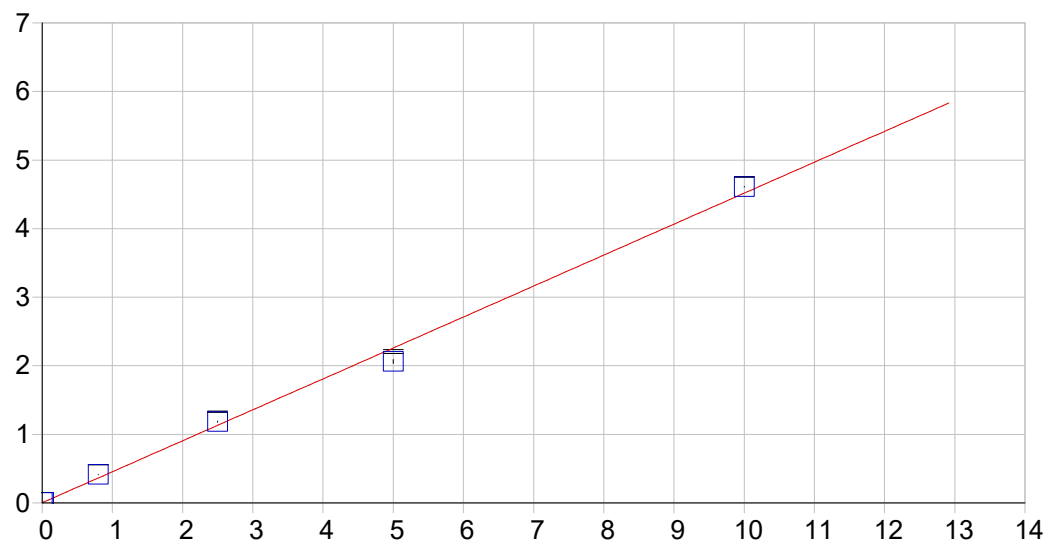


S 182.034 {485}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000450	Re-Slope:	1.000000
A1 (Gain):	0.032912	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997872	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.003330		
Predicted MQL:	0.011101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00045	.000	1
S1	.02000	.01866	-.001	-6.71	.00102	.000	1
S3	2.5000	2.5689	.069	2.76	.08462	.000	1
S4	5.0000	4.4760	-.524	-10.5	.14702	.001	1
S5	10.000	10.391	.391	3.91	.34095	.003	1
S2	.80000	.86501	.065	8.13	.02880	.000	1

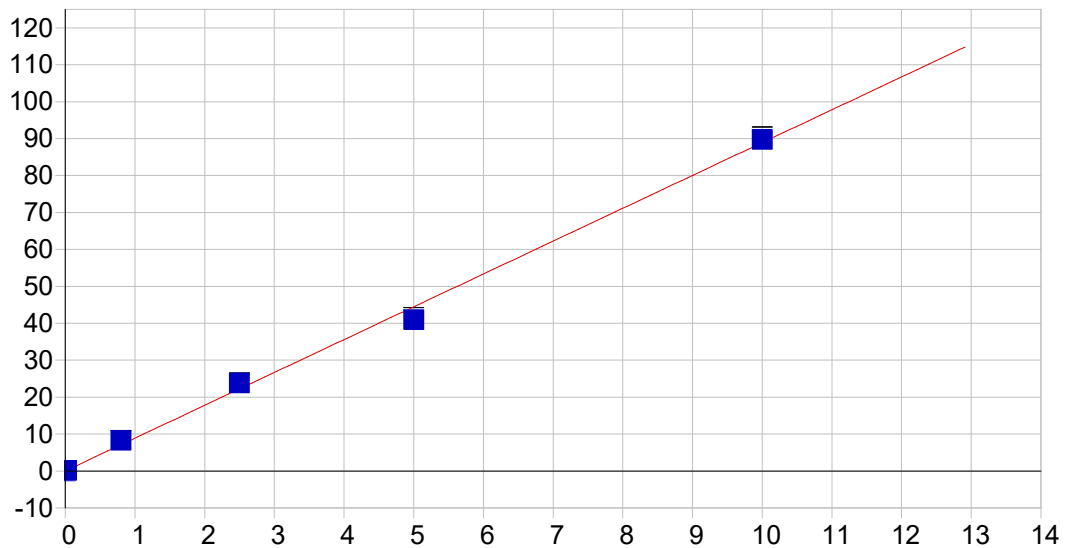


Li 670.784 { 50}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003094 Re-Slope: 1.000000
 A1 (Gain): 0.451352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998276 Status: OK.
 Std Error of Est: 0.000622
 Predicted MDL: 0.003188
 Predicted MQL: 0.010628

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00309	.001	1
S5	10.000	10.207	.207	2.07	4.6100	.004	1
S4	5.0000	4.5628	-.437	-8.74	2.0625	.028	1
S3	2.5000	2.6200	.120	4.80	1.1856	.011	1
S1	.02000	.02076	.001	3.81	.01246	.001	1
S2	.80000	.90962	.110	13.7	.41365	.001	1



Sr 407.771 { 83}

Date of Fit: 5/3/2023 23:30:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000865 Re-Slope: 1.000000
 A1 (Gain): 8.891317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998243 Status: OK.
 Std Error of Est: 0.012377
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00090	.001	1
S1	.02000	.02039	.000	1.94	.18130	.002	1
S3	2.5000	2.6736	.174	6.94	23.793	.173	1
S4	5.0000	4.6029	-.397	-7.94	40.969	.592	1
S5	10.000	10.096	.096	.962	89.857	.651	1
S2	.80000	.92690	.127	15.9	8.2476	.013	1

