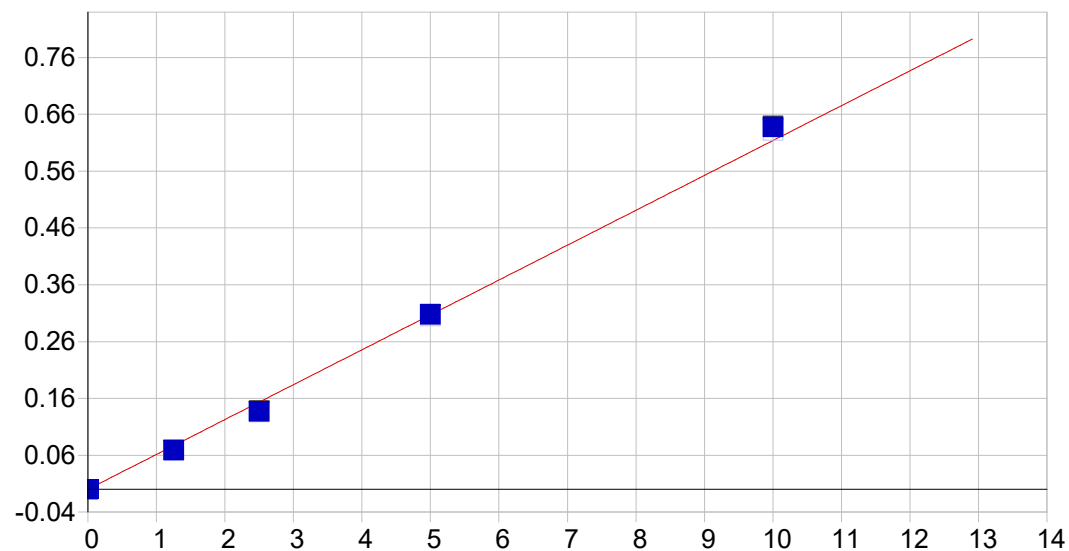


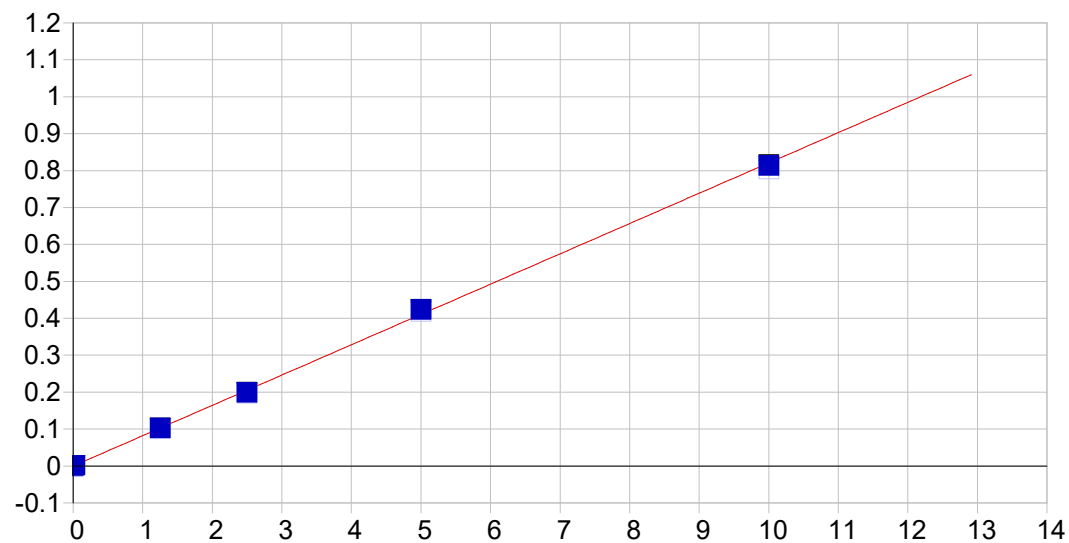


As 189.042 {479}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000053 Re-Slope: 1.000000
 A1 (Gain): 0.061400 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998471 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.002124
 Predicted MQL: 0.007080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.00791	-.002	-20.9	.00043	.000	1
S3	2.5000	2.2347	-.265	-10.6	.13565	.001	1
S4	5.0000	5.0109	.011	.217	.30460	.001	1
S5	10.000	10.384	.384	3.84	.63149	.002	1
S2	1.2500	1.1226	-.127	-10.2	.06812	.000	1

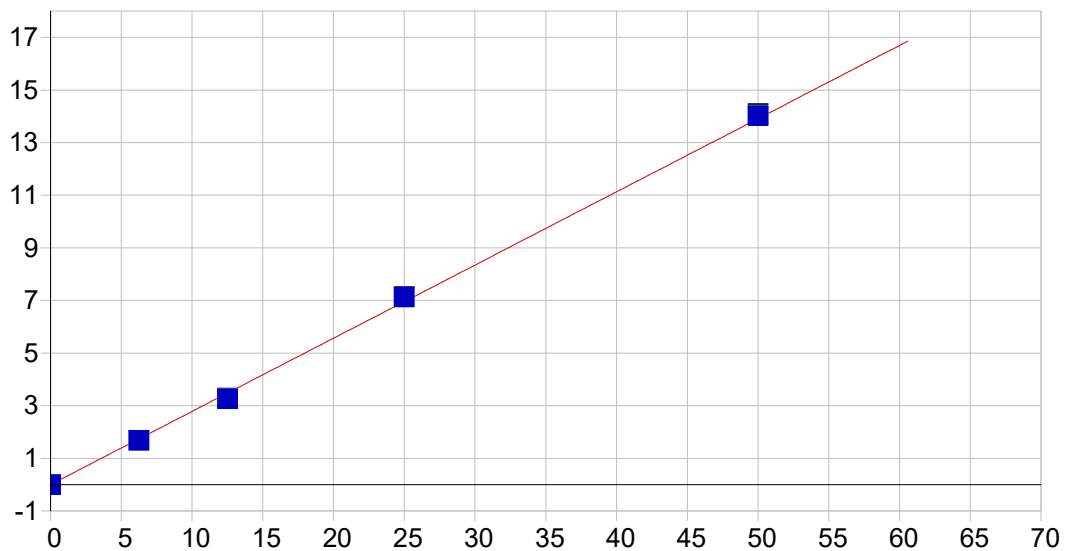


TI 190.856 {477}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.082073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.001606
 Predicted MQL: 0.005352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.02500	.02974	.005	18.9	.00238	.000	1
S3	2.5000	2.4256	-.074	-2.98	.19666	.001	1
S4	5.0000	5.1595	.160	3.19	.41861	.001	1
S5	10.000	9.9115	-.089	-.885	.80377	.003	1
S2	1.2500	1.2487	-.001	-.103	.10128	.000	1

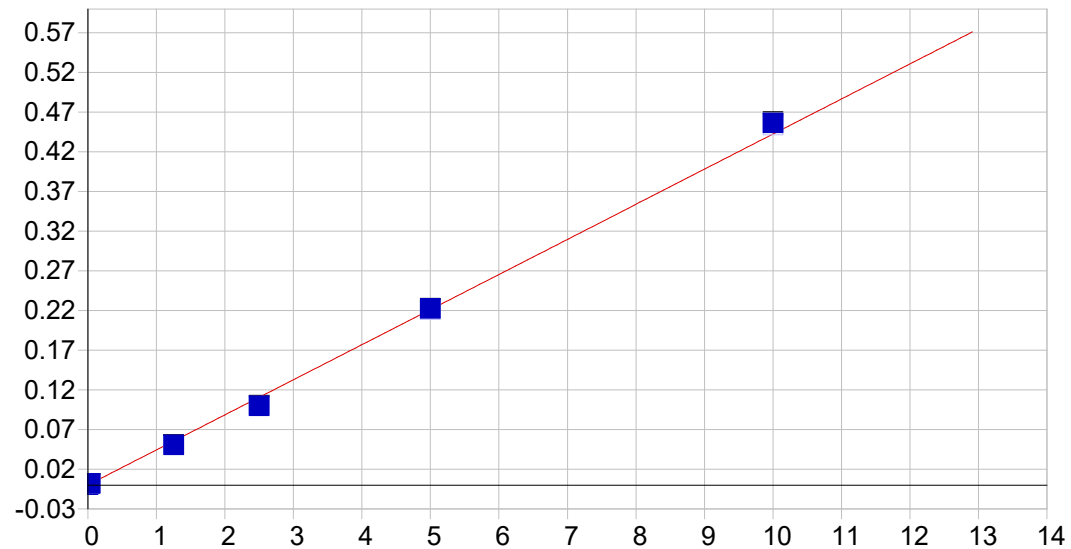


Pb 220.353 {453}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000
 A1 (Gain): 0.278209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999597 Status: OK.
 Std Error of Est: 0.000296
 Predicted MDL: 0.001252
 Predicted MQL: 0.004172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.01011	.000	1.10	.00270	.000	1
S3	12.500	11.717	-.783	-6.26	3.2587	.024	1
S4	25.000	25.601	.601	2.40	7.1203	.019	1
S5	50.000	50.414	.414	.827	14.021	.066	1
S2	6.2500	6.0181	-.232	-3.71	1.6737	.003	1

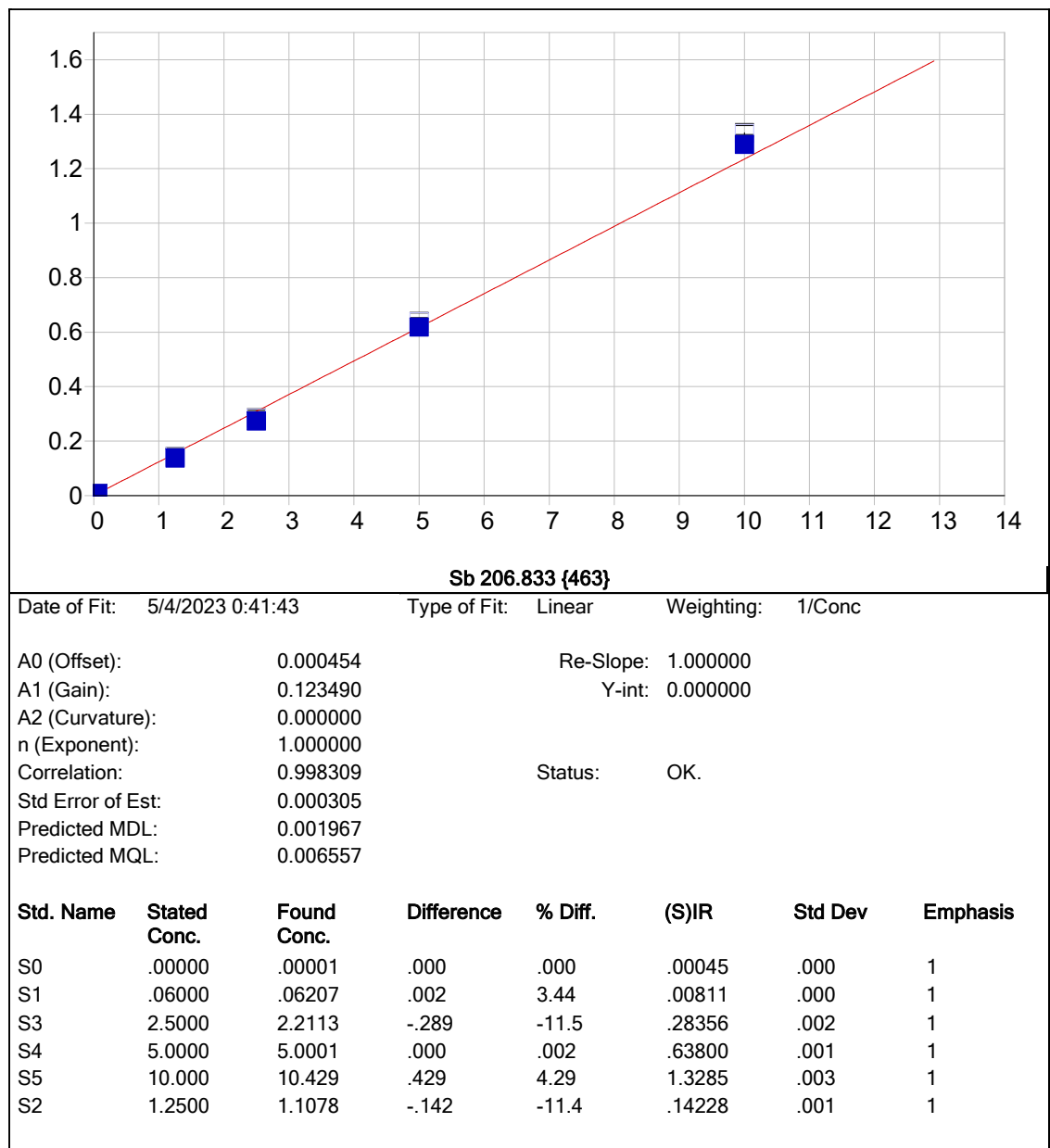


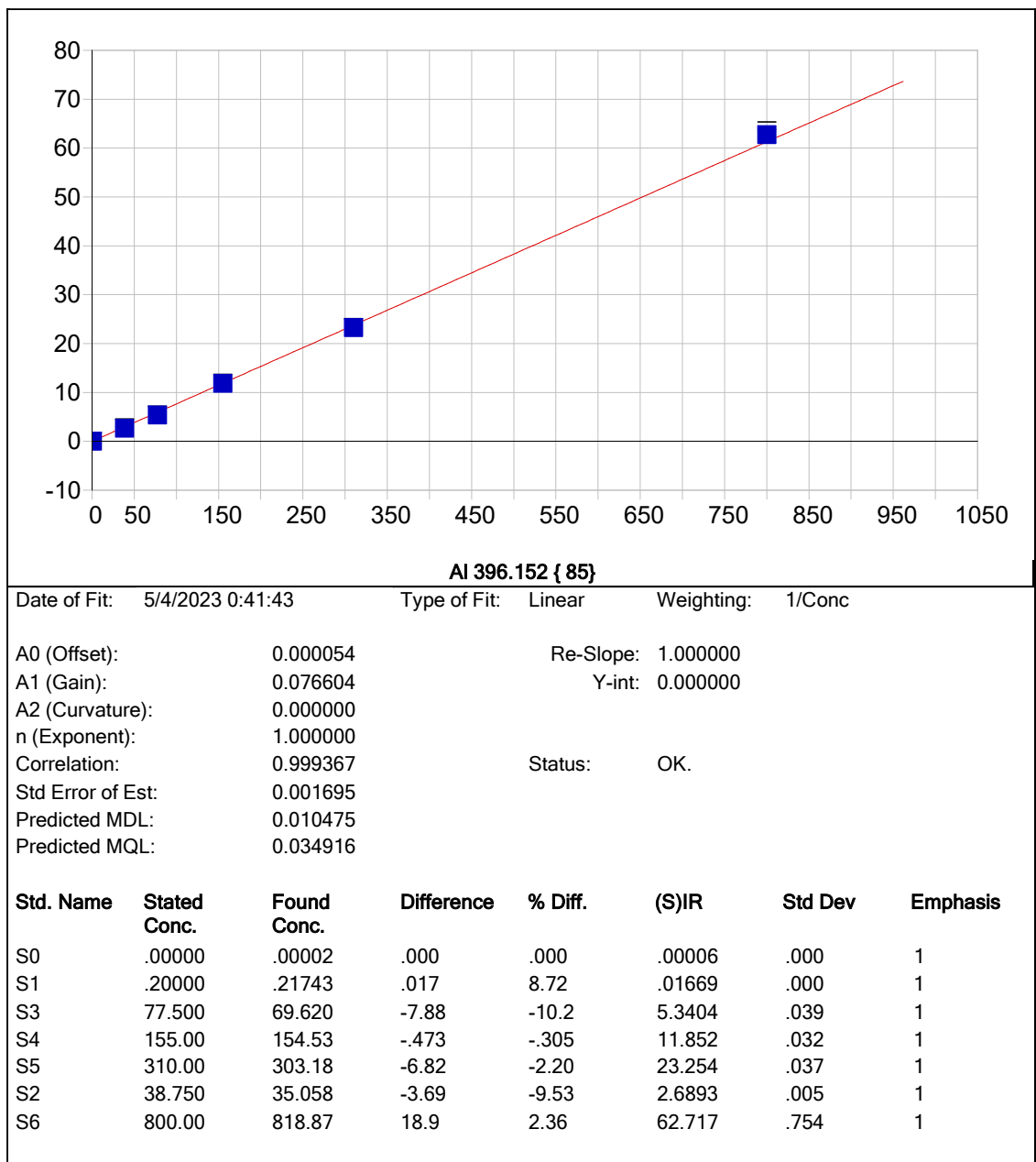
Se 196.090 {472}

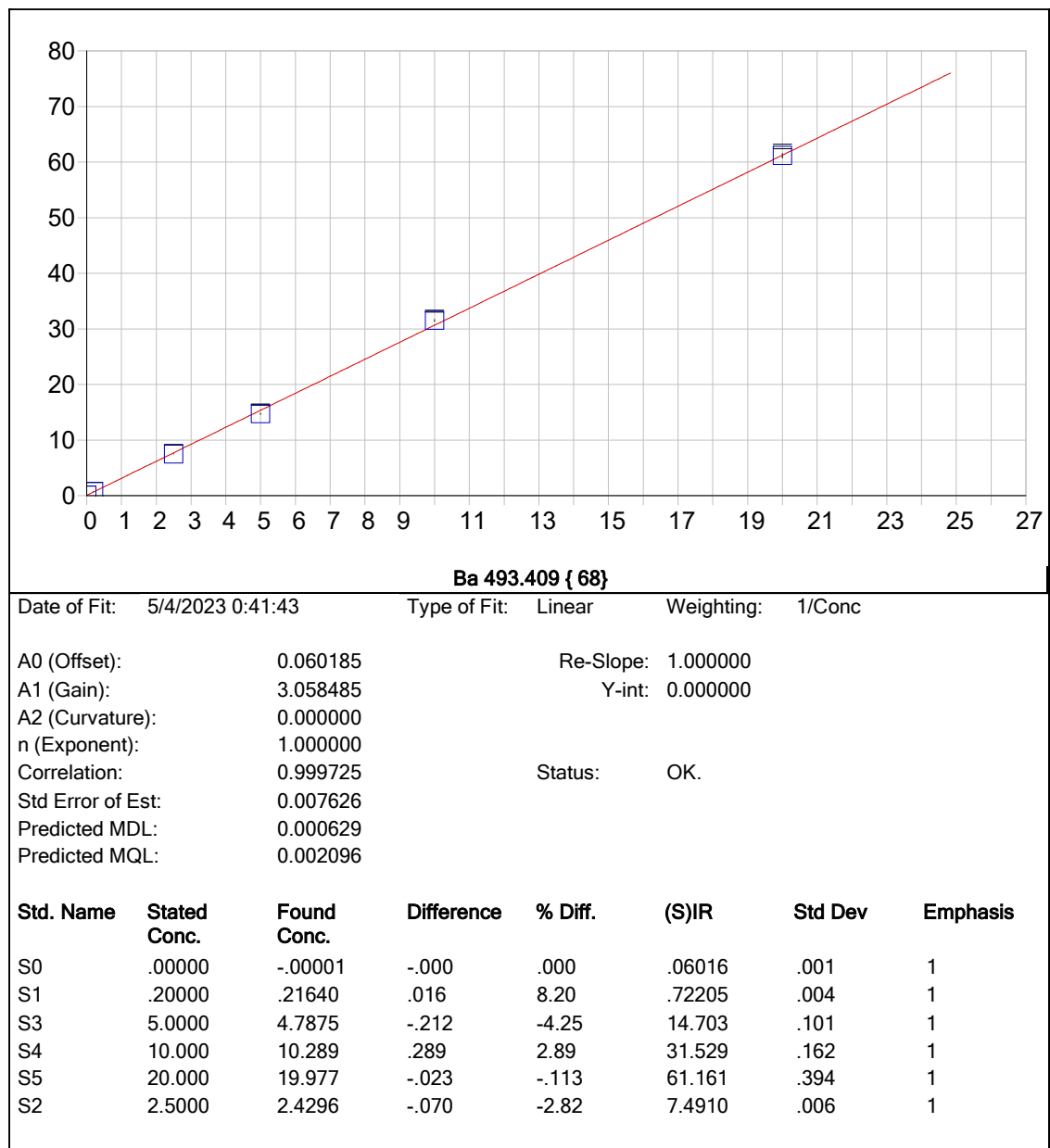
Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

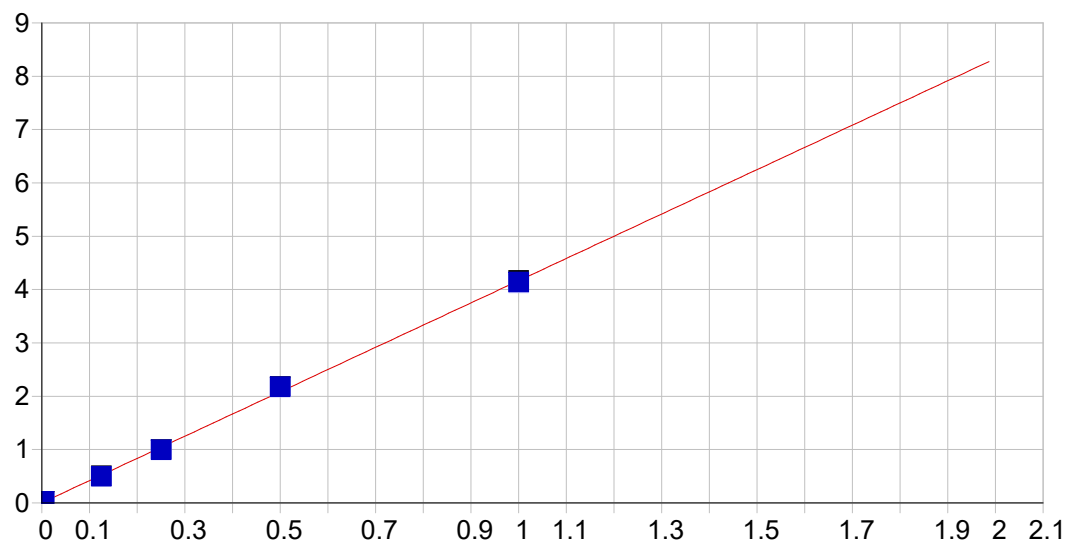
A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.044230 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998851 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.003313
 Predicted MQL: 0.011042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.03500	.03725	.002	6.42	.00175	.000	1
S3	2.5000	2.2593	-.241	-9.63	.09932	.001	1
S4	5.0000	5.0265	.026	.530	.22099	.001	1
S5	10.000	10.319	.319	3.19	.45362	.001	1
S2	1.2500	1.1434	-.107	-8.53	.05032	.000	1







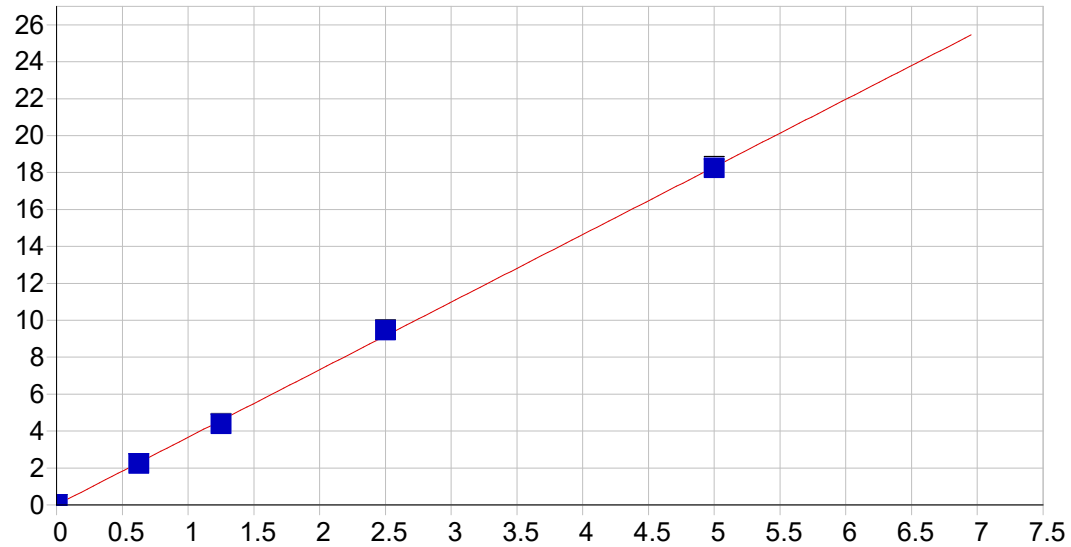


Be 234.861 {144}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001526	Re-Slope:	1.000000
A1 (Gain):	4.165209	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999511	Status:	OK.
Std Error of Est:	0.000486		
Predicted MDL:	0.000070		
Predicted MQL:	0.000232		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00152	.000	1
S1	.00500	.00553	.001	10.6	.02453	.000	1
S3	.25000	.23853	-.011	-4.59	.98928	.008	1
S4	.50000	.52207	.022	4.41	2.1645	.002	1
S5	1.0000	.99422	-.006	-.578	4.1196	.030	1
S2	.12500	.11966	-.005	-4.28	.49704	.004	1

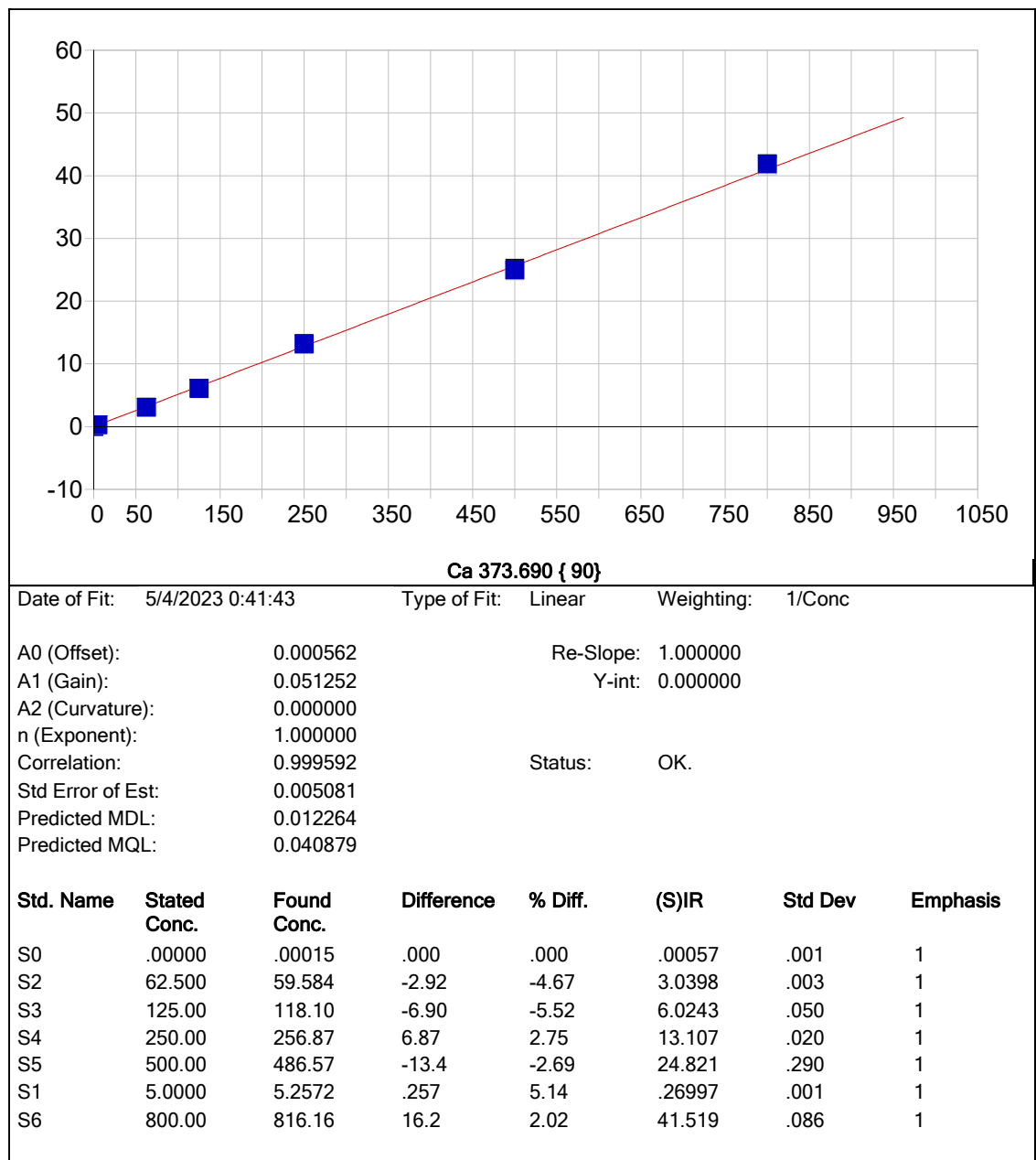


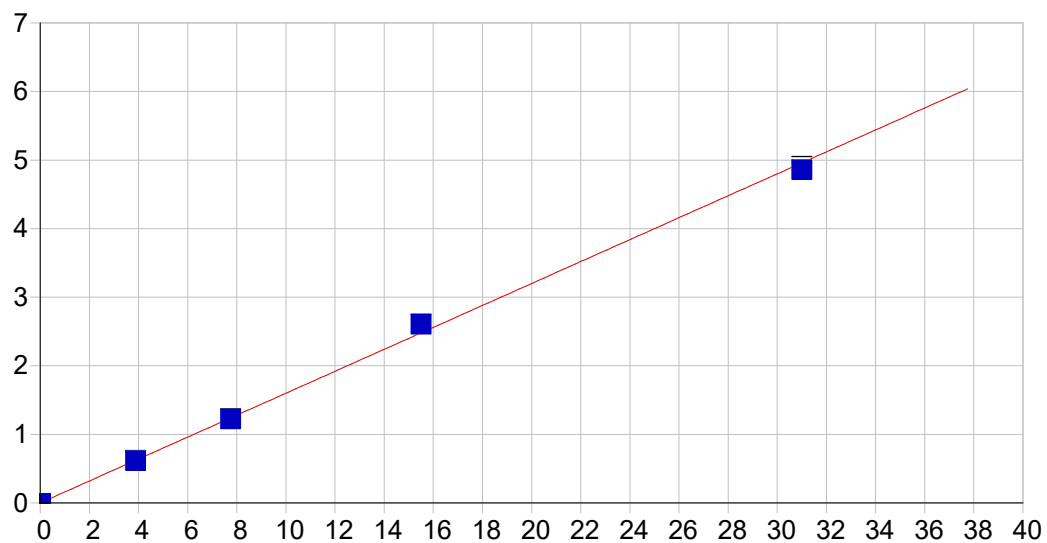
Cd 214.438 {457}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000134	Re-Slope:	1.000000
A1 (Gain):	3.660324	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999709	Status:	OK.
Std Error of Est:	0.000741		
Predicted MDL:	0.000061		
Predicted MQL:	0.000202		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00013	.000	1
S1	.00500	.00545	.000	8.96	.02014	.000	1
S3	1.2500	1.1964	-.054	-4.29	4.3808	.030	1
S4	2.5000	2.5831	.083	3.33	9.4583	.026	1
S5	5.0000	4.9842	-.016	-.316	18.250	.083	1
S2	.62500	.61084	-.014	-2.27	2.2368	.004	1



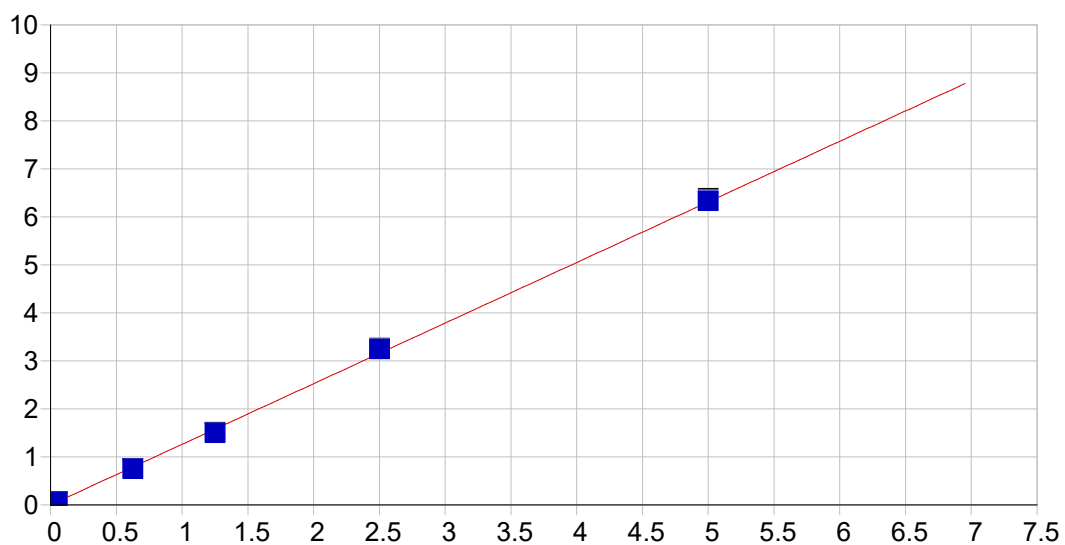


Cr 267.716 {126}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.159977 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.000421
 Predicted MQL: 0.001404

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.01205	.002	20.5	.00197	.000	1
S3	7.7500	7.6424	-.108	-1.39	1.2242	.003	1
S4	15.500	16.270	.770	4.97	2.6060	.003	1
S5	31.000	30.354	-.646	-2.09	4.8622	.047	1
S2	3.8750	3.8568	-.018	-.469	.61782	.002	1

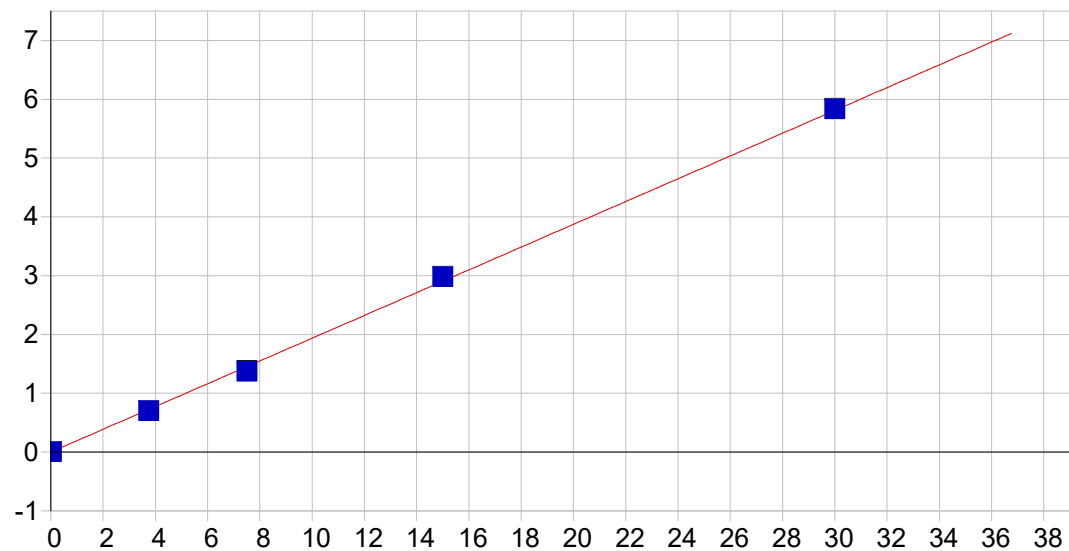


Co 228.616 {448}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 1.262602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642 Status: OK.
 Std Error of Est: 0.000900
 Predicted MDL: 0.000203
 Predicted MQL: 0.000678

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.05000	.05199	.002	3.99	.06621	.000	1
S3	1.2500	1.1860	-.064	-5.12	1.5012	.011	1
S4	2.5000	2.5721	.072	2.88	3.2548	.012	1
S5	5.0000	5.0181	.018	.362	6.3500	.036	1
S2	.62500	.59683	-.028	-4.51	.75562	.001	1

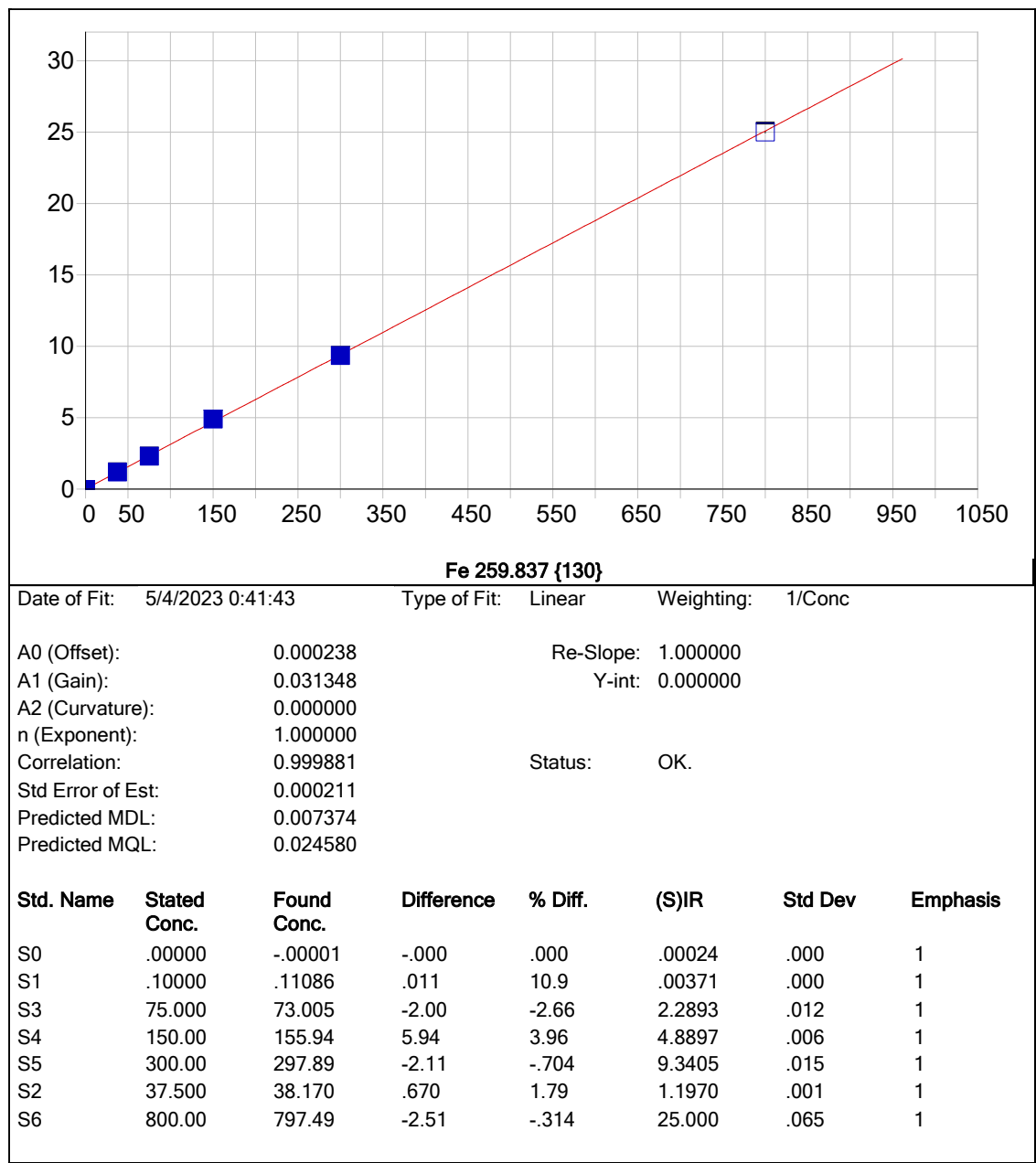


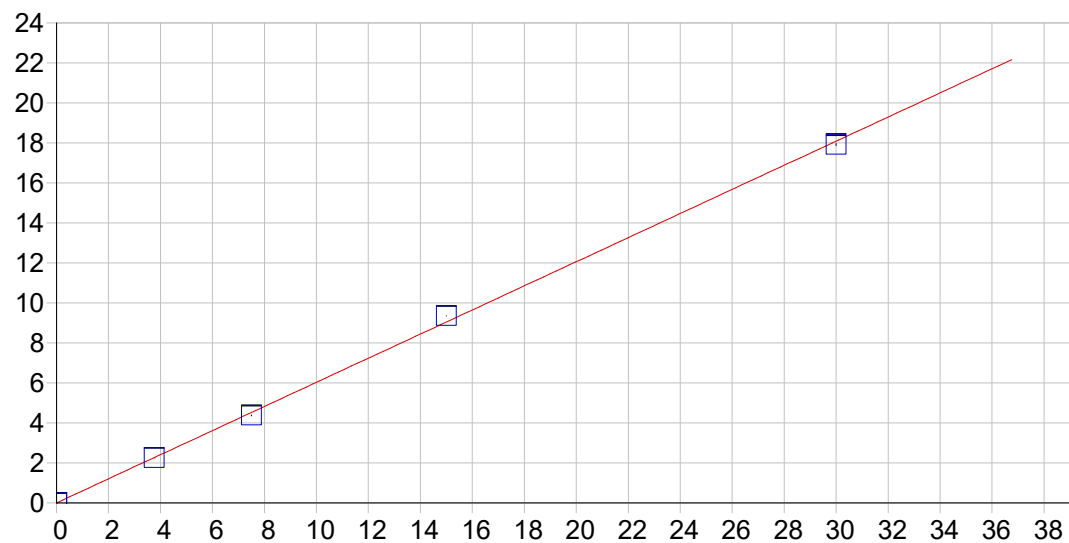
Cu 324.754 {104}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000166	Re-Slope:	1.000000
A1 (Gain):	0.193673	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999665	Status:	OK.
Std Error of Est:	0.000230		
Predicted MDL:	0.002537		
Predicted MQL:	0.008456		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.02500	.02858	.004	14.3	.00570	.001	1
S3	7.5000	7.0908	-.409	-5.46	1.3733	.009	1
S4	15.000	15.400	.400	2.67	2.9824	.006	1
S5	30.000	30.123	.123	.411	5.8336	.013	1
S2	3.7500	3.6325	-.118	-3.13	.70359	.001	1



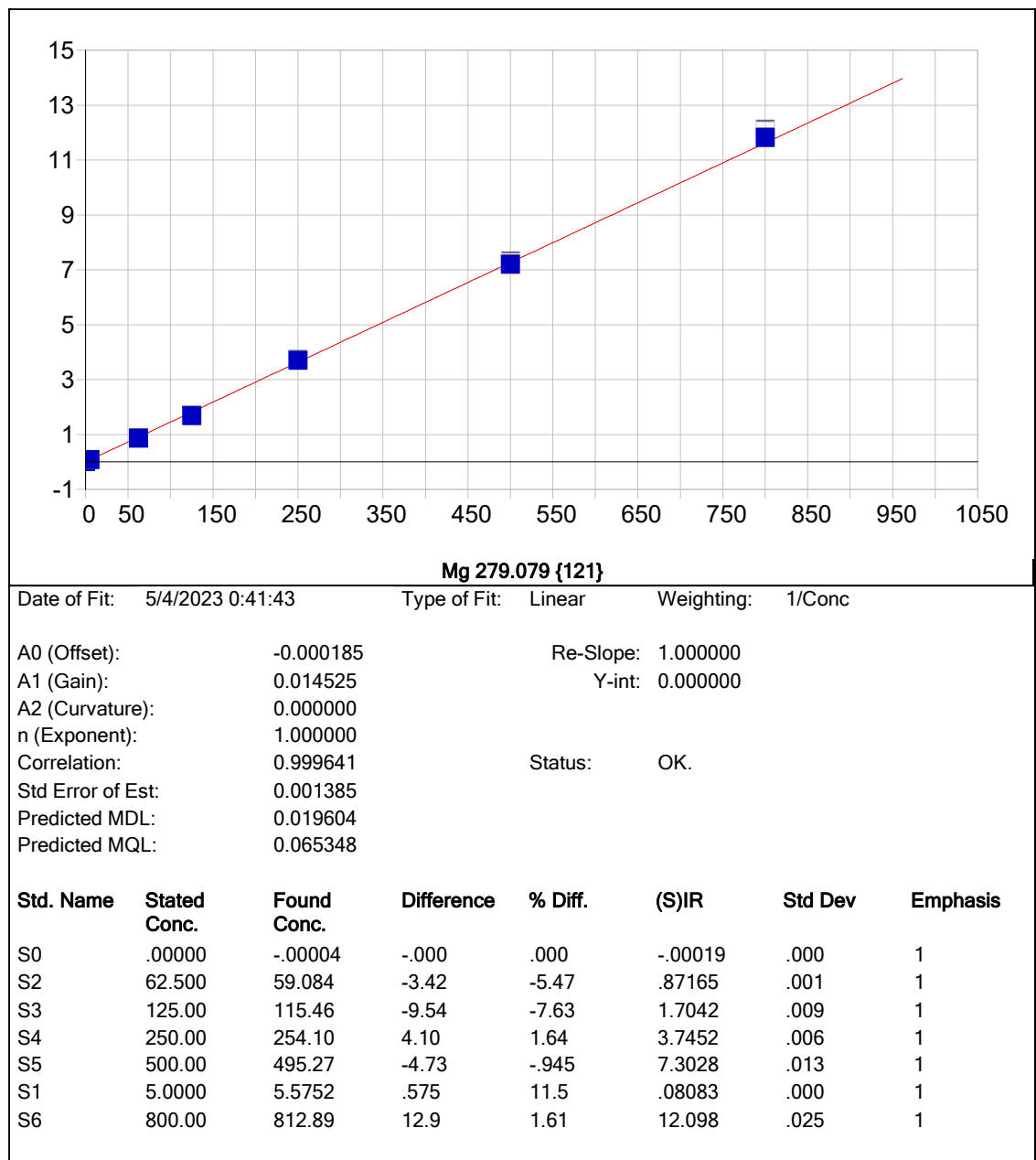


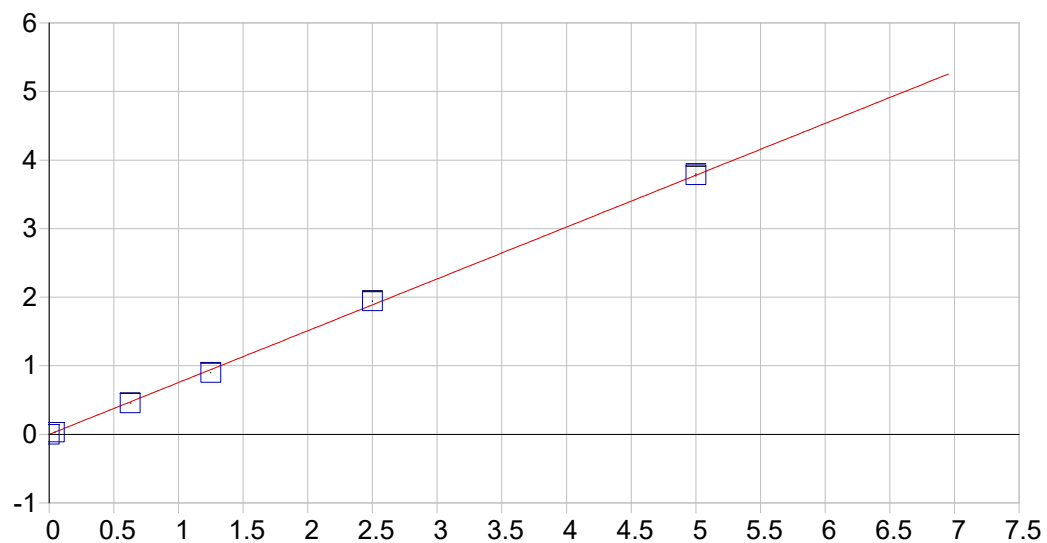
Mn 257.610 {131}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000182	Re-Slope:	1.000000
A1 (Gain):	0.602890	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999750	Status:	OK.
Std Error of Est:	0.000479		
Predicted MDL:	0.000402		
Predicted MQL:	0.001341		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.01500	.01767	.003	17.8	.01083	.000	1
S3	7.5000	7.2707	-.229	-3.06	4.3836	.024	1
S4	15.000	15.519	.519	3.46	9.3563	.010	1
S5	30.000	29.718	-.282	-.939	17.917	.047	1
S2	3.7500	3.7397	-.010	-.274	2.2548	.003	1



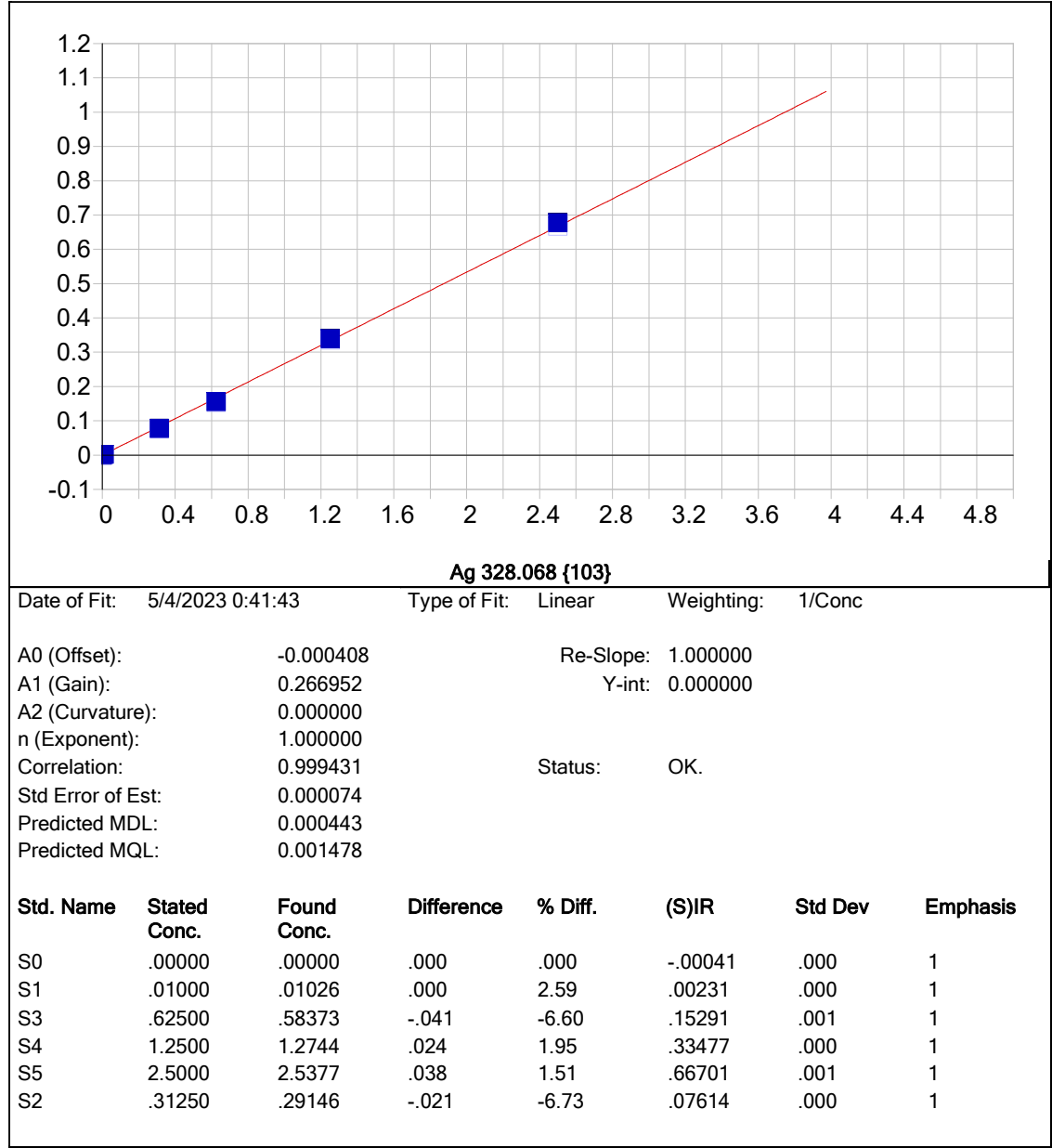


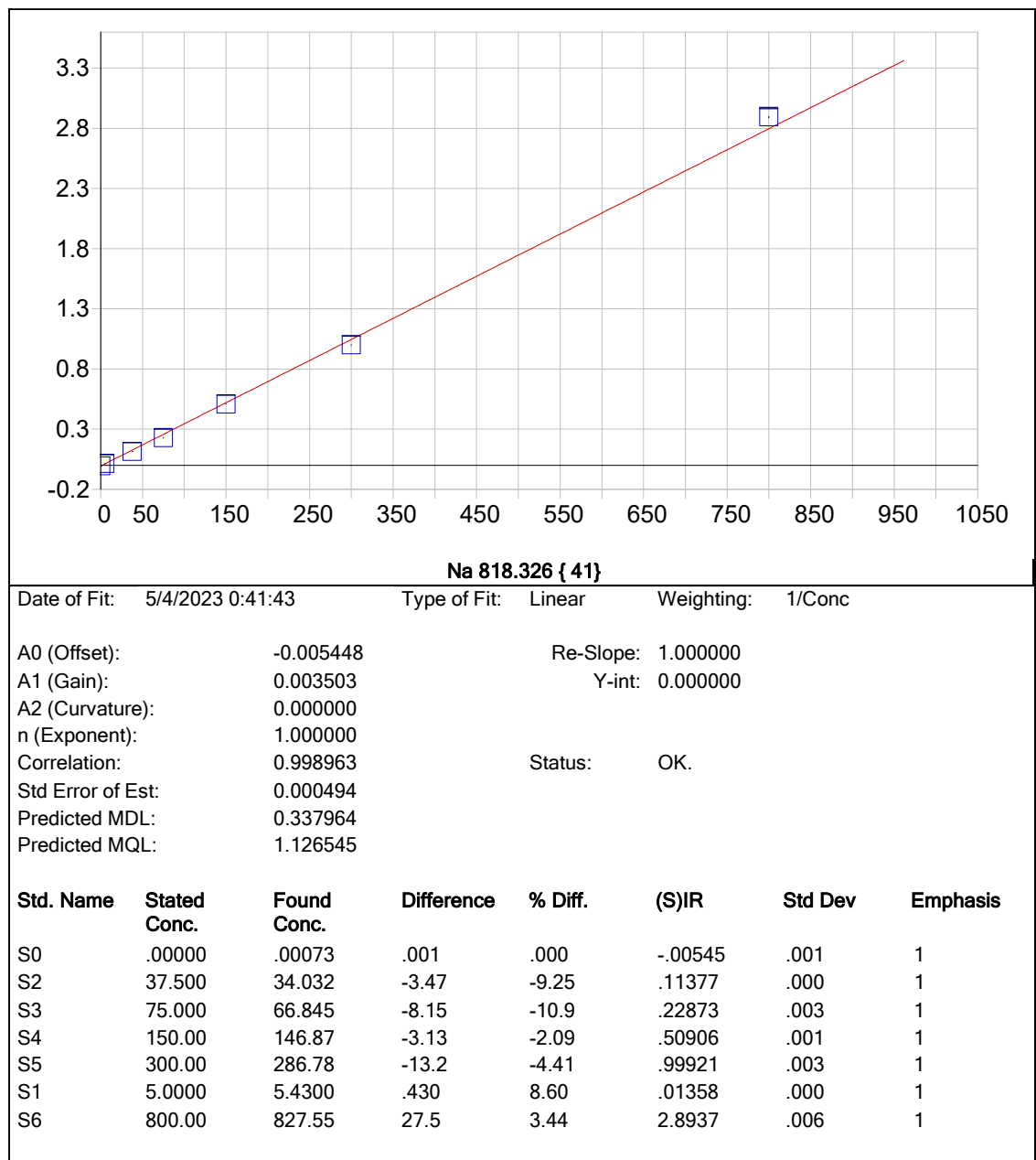
Ni 231.604 {446}

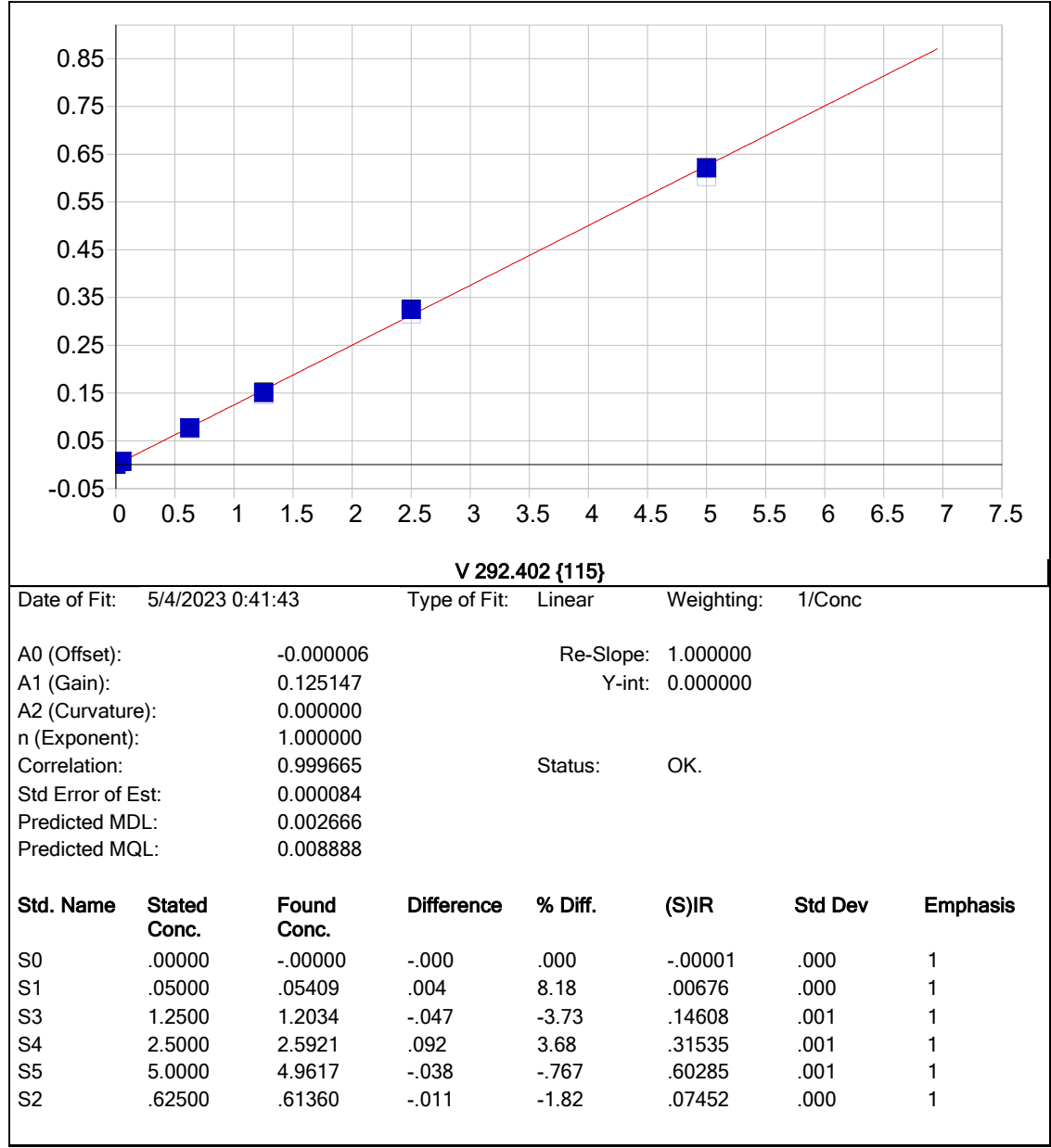
Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

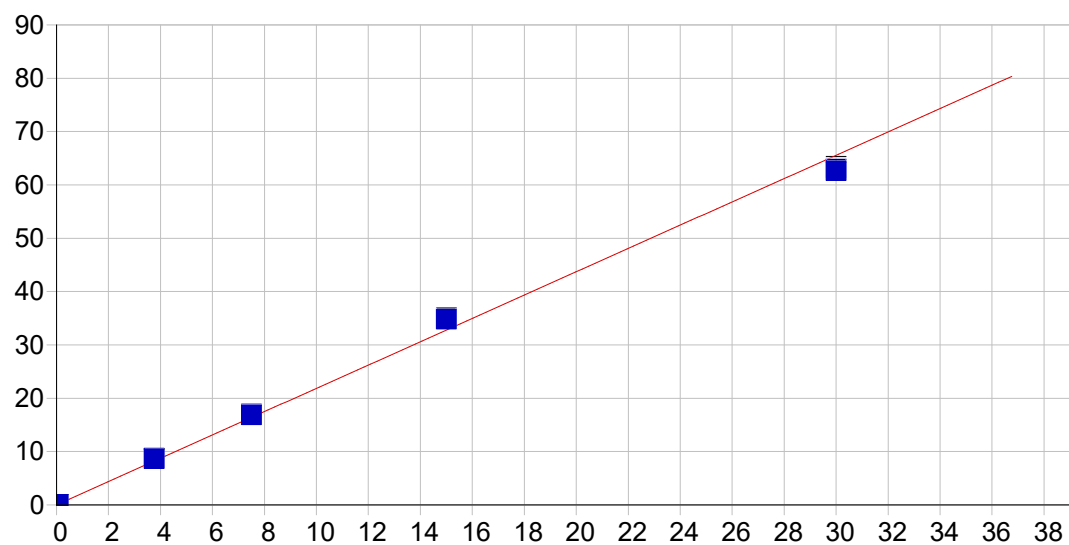
A0 (Offset):	-0.000209	Re-Slope:	1.000000
A1 (Gain):	0.755727	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999707	Status:	OK.
Std Error of Est:	0.000435		
Predicted MDL:	0.000334		
Predicted MQL:	0.001114		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.04000	.04195	.002	4.86	.03149	.000	1
S3	1.2500	1.1917	-.058	-4.66	.90039	.006	1
S4	2.5000	2.5706	.071	2.82	1.9425	.006	1
S5	5.0000	5.0069	.007	.137	3.7836	.019	1
S2	.62500	.60391	-.021	-3.37	.45618	.000	1







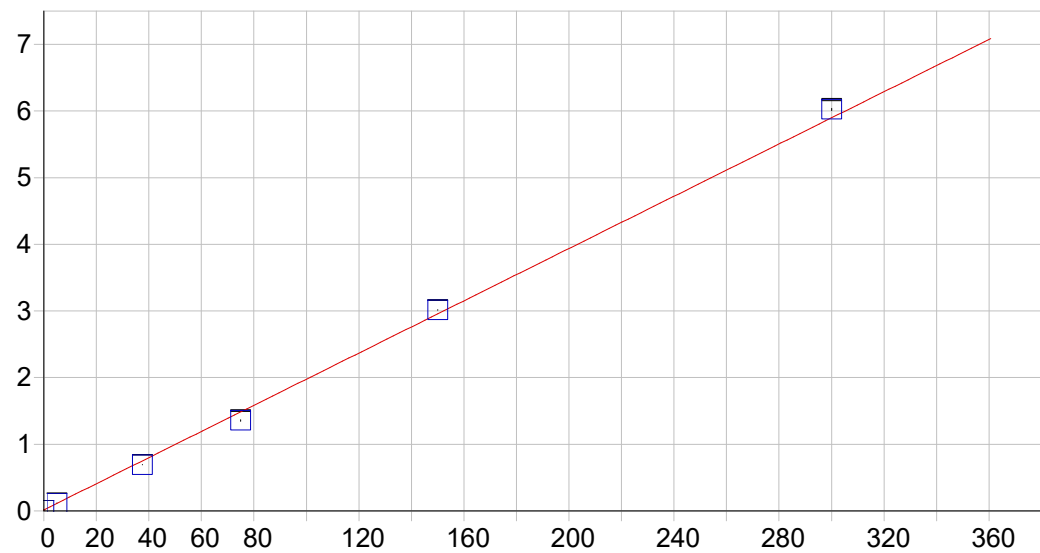


Zn 213.856 {158}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003692	Re-Slope:	1.000000
A1 (Gain):	2.185391	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998807	Status:	OK.
Std Error of Est:	0.007664		
Predicted MDL:	0.000268		
Predicted MQL:	0.000892		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00365	.001	1
S1	.06000	.07548	.015	25.8	.16942	.000	1
S3	7.5000	7.7092	.209	2.79	16.981	.065	1
S4	15.000	15.921	.921	6.14	35.058	.048	1
S5	30.000	28.658	-1.34	-4.47	63.152	.301	1
S2	3.7500	3.9464	.196	5.24	8.6930	.047	1

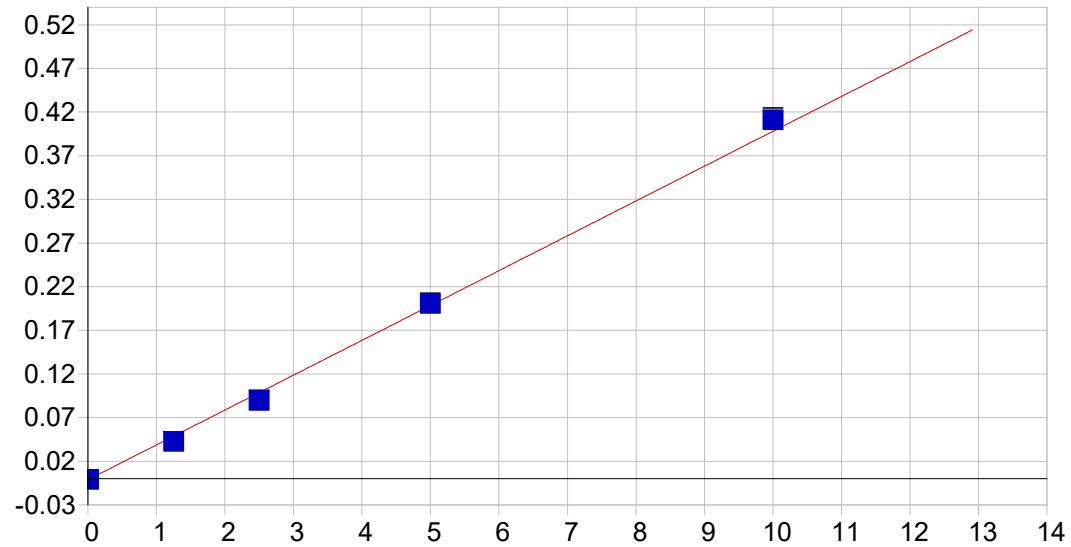


K 769.896 { 44}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.015635 Re-Slope: 1.000000
 A1 (Gain): 0.019608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999111 Status: OK.
 Std Error of Est: 0.001706
 Predicted MDL: 0.075529
 Predicted MQL: 0.251763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.01564	.001	1
S2	37.500	34.555	-2.95	-7.85	.69317	.001	1
S3	75.000	68.412	-6.59	-8.78	1.3570	.011	1
S4	150.00	152.98	2.98	1.98	3.0151	.003	1
S5	300.00	306.41	6.41	2.14	6.0235	.019	1
S1	5.0000	5.1499	.150	3.00	.11661	.002	1

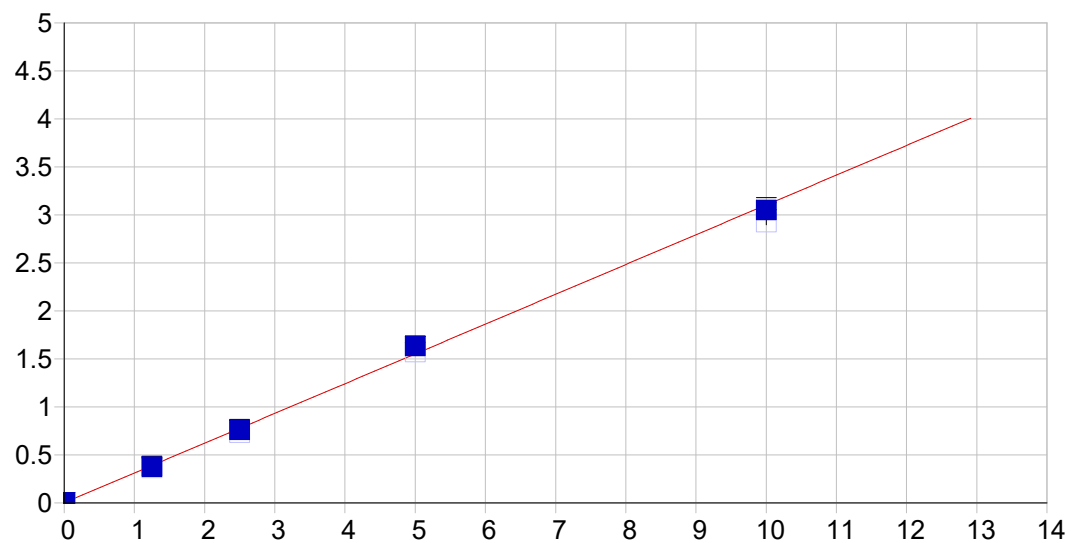


P 177.495 {490}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001158	Re-Slope:	1.000000
A1 (Gain):	0.039913	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998617	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.002442		
Predicted MQL:	0.008140		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00116	.000	1
S1	.01000	.00890	-.001	-11.0	-.00080	.000	1
S3	2.5000	2.2704	-.230	-9.18	.08964	.000	1
S4	5.0000	5.0573	.057	1.15	.20104	.000	1
S5	10.000	10.329	.329	3.29	.41181	.002	1
S2	1.2500	1.0940	-.156	-12.5	.04260	.000	1

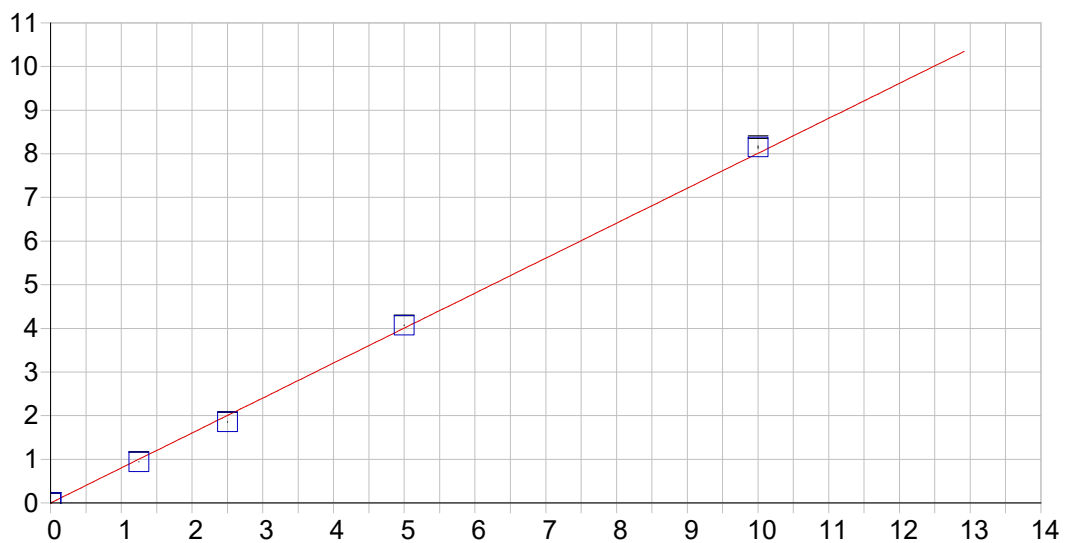


B 249.678 {135}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001330 Re-Slope: 1.000000
 A1 (Gain): 0.310216 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999448 Status: OK.
 Std Error of Est: 0.000166
 Predicted MDL: 0.001130
 Predicted MQL: 0.003768

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00133	.000	1
S1	.01000	.01174	.002	17.4	.00498	.000	1
S3	2.5000	2.4491	-.051	-2.03	.72955	.006	1
S4	5.0000	5.2606	.261	5.21	1.5702	.000	1
S5	10.000	9.8257	-.174	-1.74	2.9232	.026	1
S2	1.2500	1.2128	-.037	-2.97	.36179	.004	1

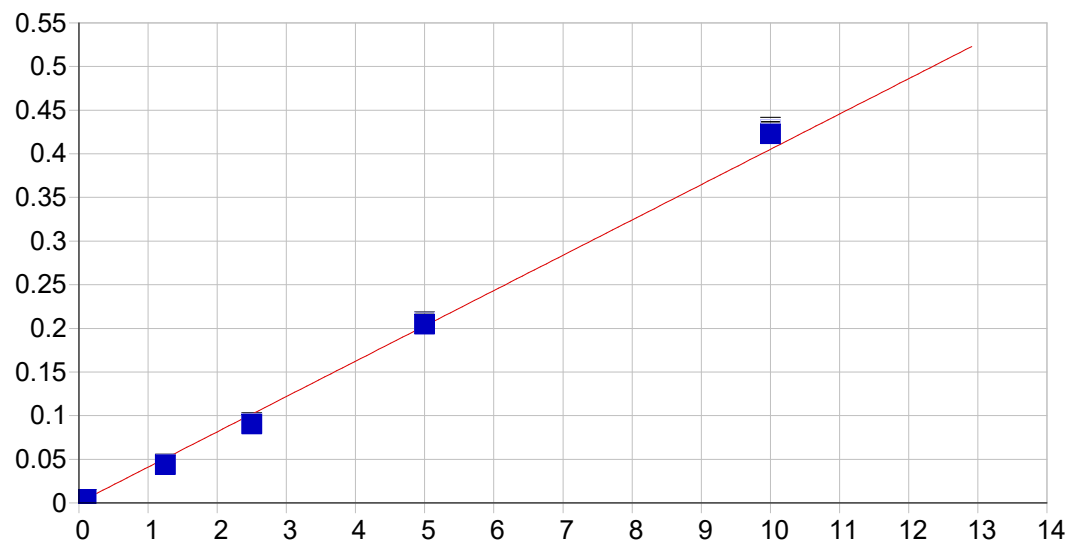


Mo 202.030 {467}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000070 Re-Slope: 1.000000
 A1 (Gain): 0.801209 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999401 Status: OK.
 Std Error of Est: 0.000465
 Predicted MDL: 0.000234
 Predicted MQL: 0.000781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01111	.001	11.1	.00897	.000	1
S3	2.5000	2.3159	-.184	-7.36	1.8556	.010	1
S4	5.0000	5.0770	.077	1.54	4.0678	.007	1
S5	10.000	10.180	.180	1.80	8.1564	.031	1
S2	1.2500	1.1759	-.074	-5.92	.94225	.001	1

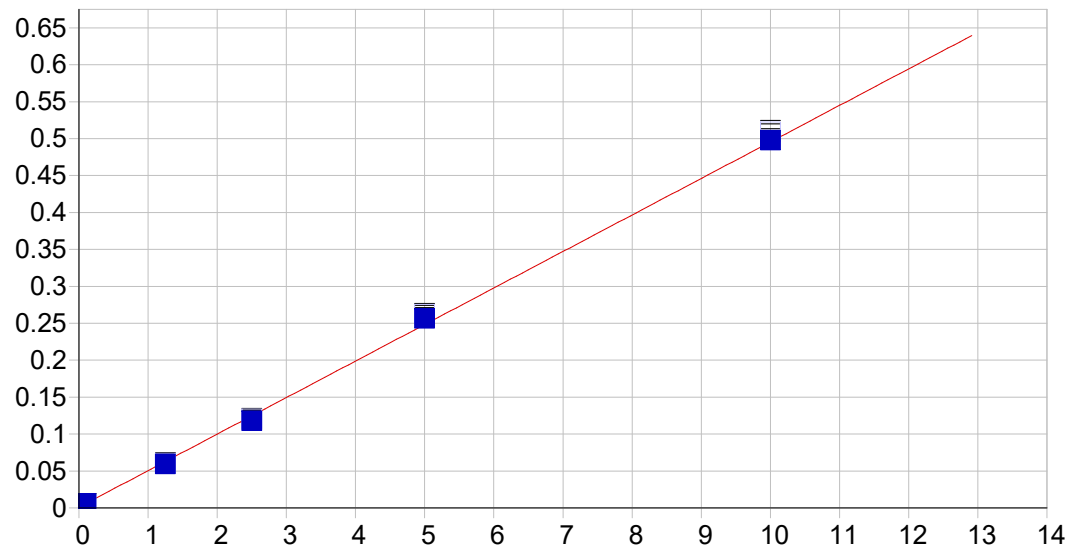


S 182.034 {485}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000535	Re-Slope:	1.000000
A1 (Gain):	0.040458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997899	Status:	OK.
Std Error of Est:	0.000141		
Predicted MDL:	0.002787		
Predicted MQL:	0.009290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00054	.000	1
S1	.10000	.08593	-.014	-14.1	.00401	.000	1
S3	2.5000	2.2126	-.287	-11.5	.09134	.001	1
S4	5.0000	5.0476	.048	.953	.20732	.000	1
S5	10.000	10.437	.437	4.37	.42793	.003	1
S2	1.2500	1.0667	-.183	-14.7	.04433	.000	1

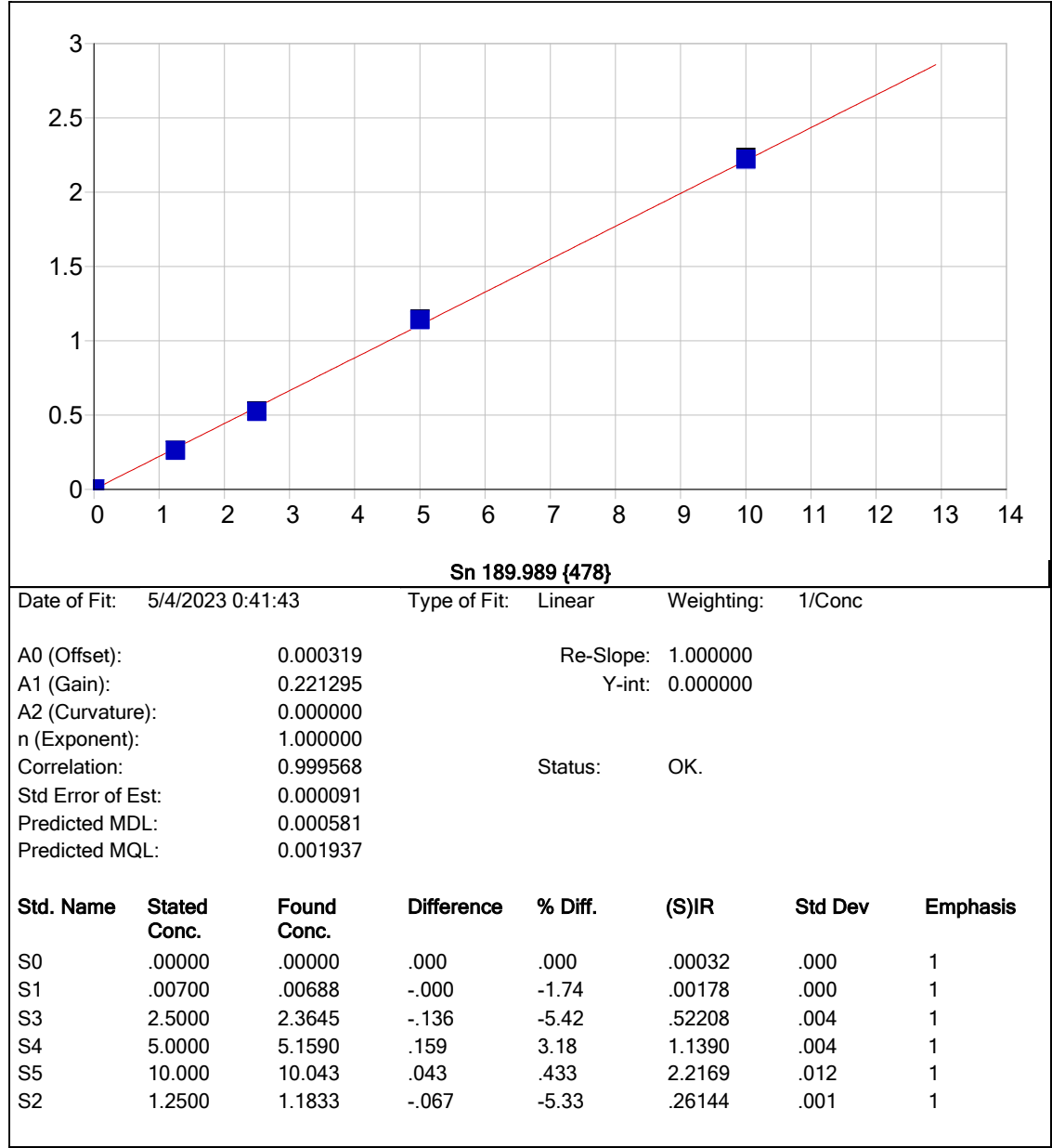


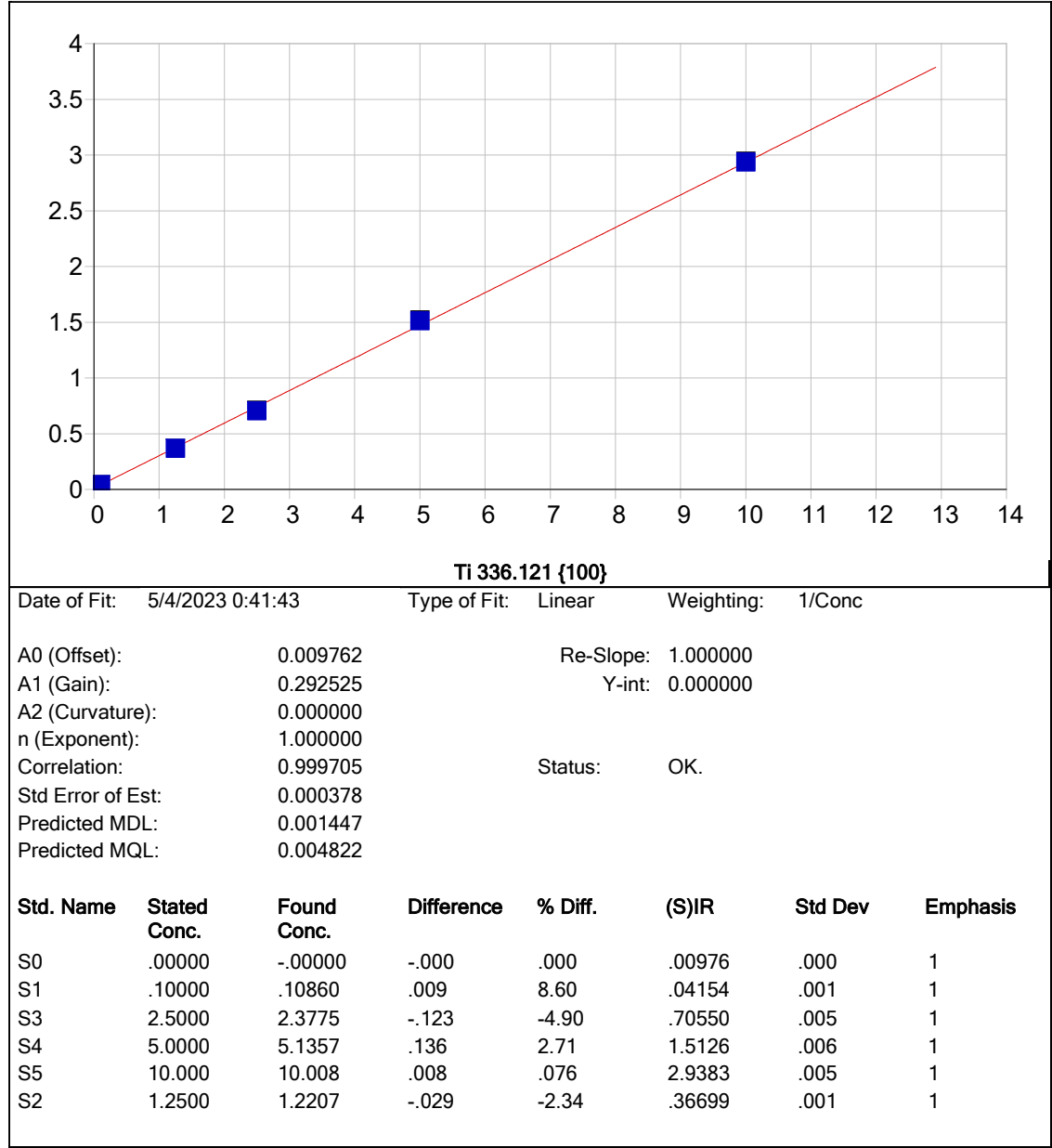
Si 251.611 {134}

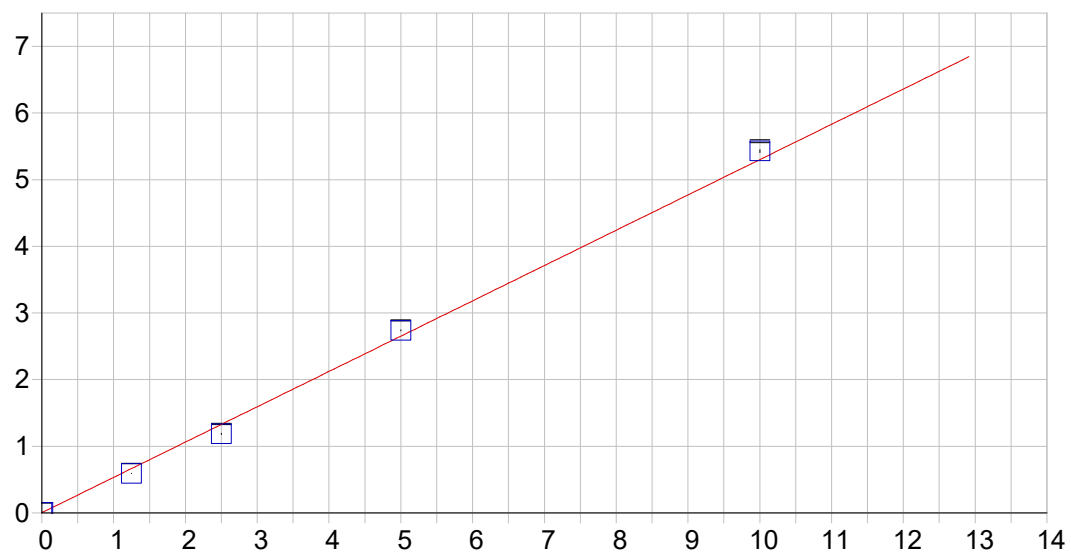
Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001025	Re-Slope:	1.000000
A1 (Gain):	0.049445	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999559	Status:	OK.
Std Error of Est:	0.000080		
Predicted MDL:	0.005251		
Predicted MQL:	0.017502		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00103	.000	1
S1	.10000	.09800	-.002	-2.00	.00594	.000	1
S3	2.5000	2.3599	-.140	-5.60	.12052	.001	1
S4	5.0000	5.1666	.167	3.33	.26210	.001	1
S5	10.000	10.044	.044	.440	.50887	.002	1
S2	1.2500	1.1815	-.069	-5.48	.06085	.001	1





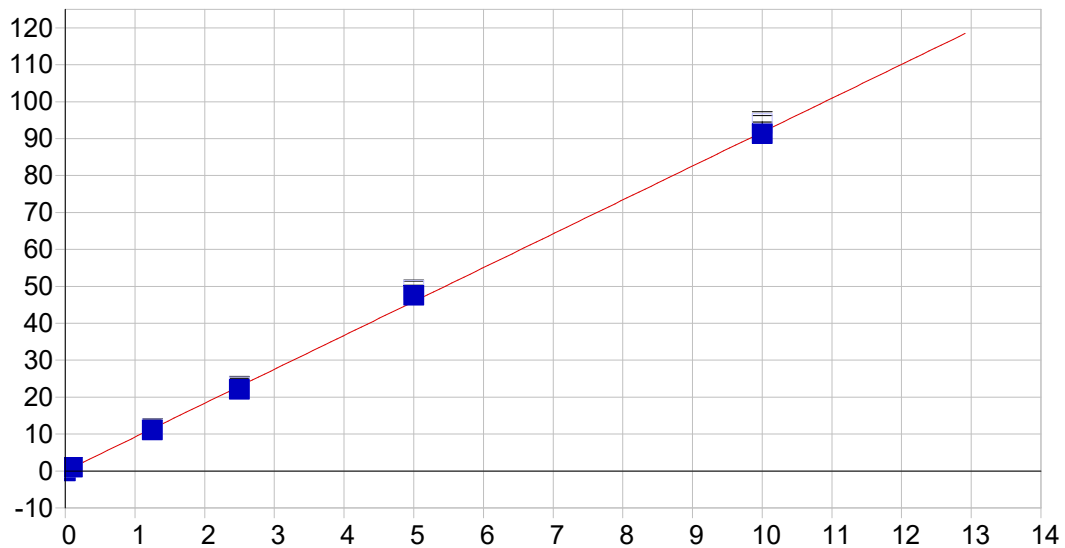


Li 670.784 { 50}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003170 Re-Slope: 1.000000
 A1 (Gain): 0.529797 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998539 Status: OK.
 Std Error of Est: 0.000589
 Predicted MDL: 0.002967
 Predicted MQL: 0.009889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00317	.001	1
S5	10.000	10.243	.243	2.43	5.4299	.022	1
S4	5.0000	5.1627	.163	3.25	2.7384	.007	1
S3	2.5000	2.2327	-.267	-10.7	1.1861	.010	1
S1	.01500	.01353	-.001	-9.83	.01034	.002	1
S2	1.2500	1.1130	-.137	-11.0	.59281	.001	1



Sr 407.771 { 83}

Date of Fit: 5/4/2023 0:41:43 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001186	Re-Slope:	1.000000
A1 (Gain):	9.174320	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999655	Status:	OK.
Std Error of Est:	0.013186		
Predicted MDL:	0.000086		
Predicted MQL:	0.000288		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00126	.001	1
S1	.10000	.11244	.012	12.4	1.0313	.006	1
S3	2.5000	2.4010	-.099	-3.96	22.714	.238	1
S4	5.0000	5.1788	.179	3.58	48.887	.141	1
S5	10.000	9.9543	-.046	-.457	94.075	.502	1
S2	1.2500	1.2038	-.046	-3.70	11.387	.009	1

