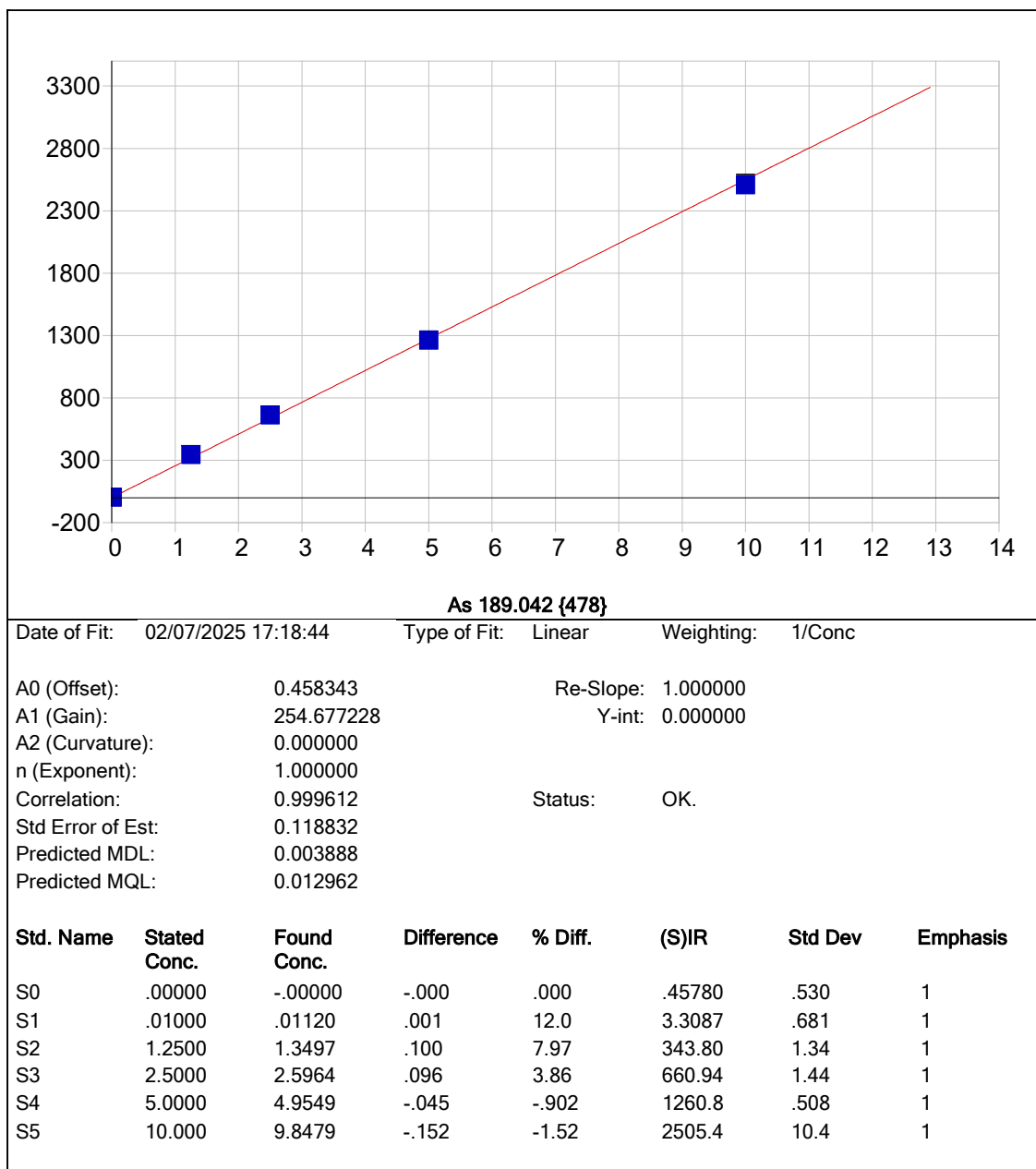
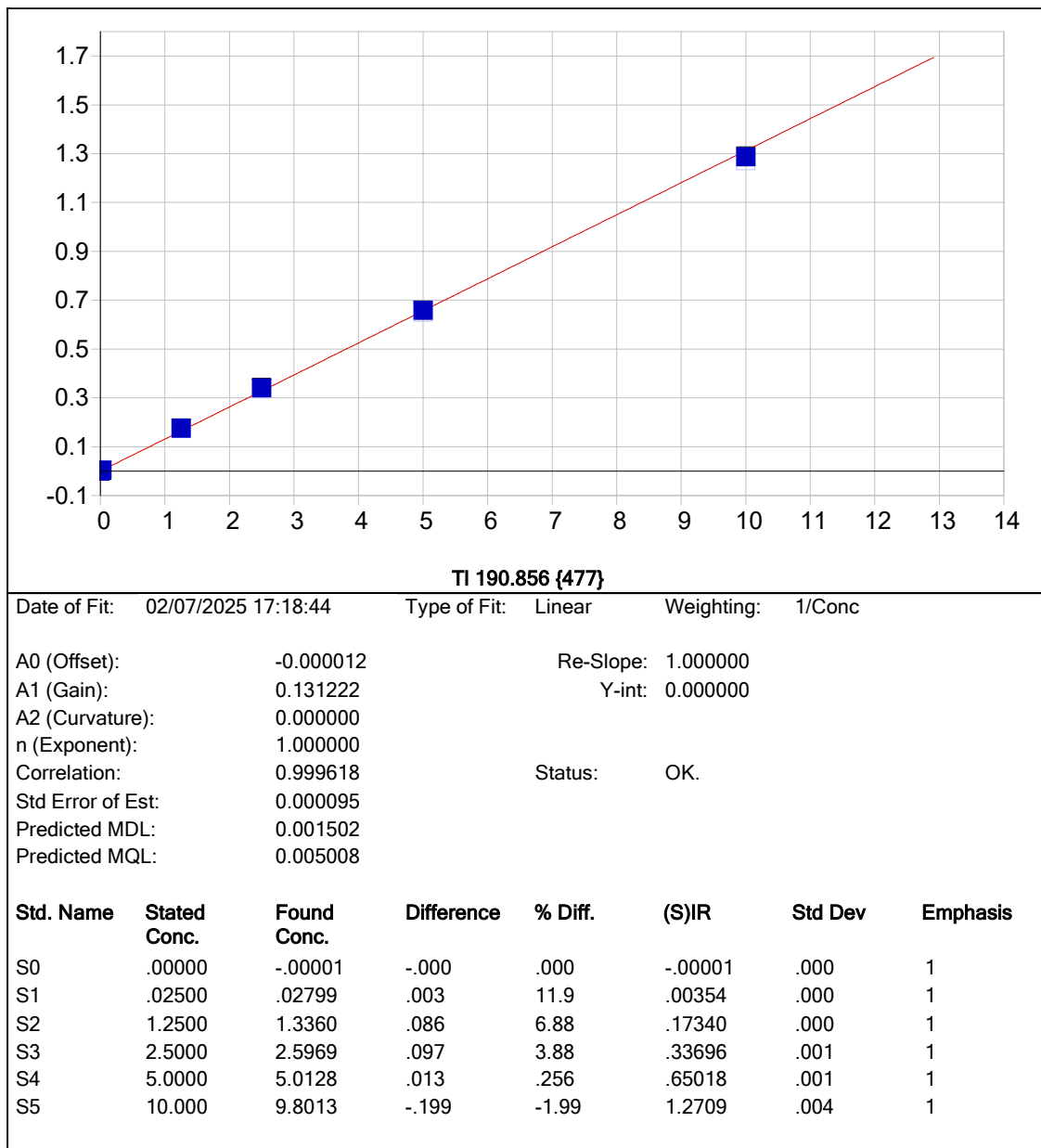
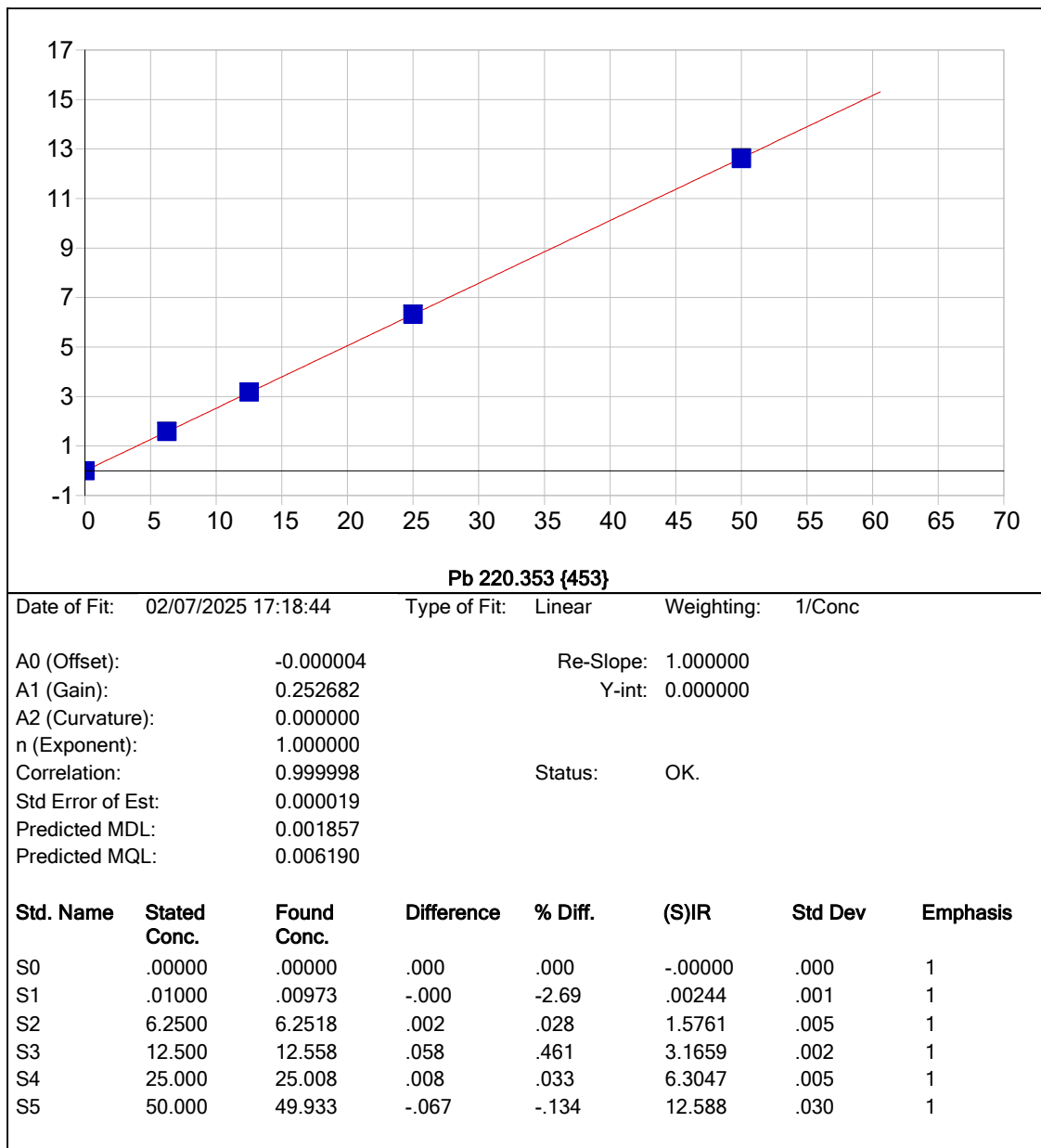
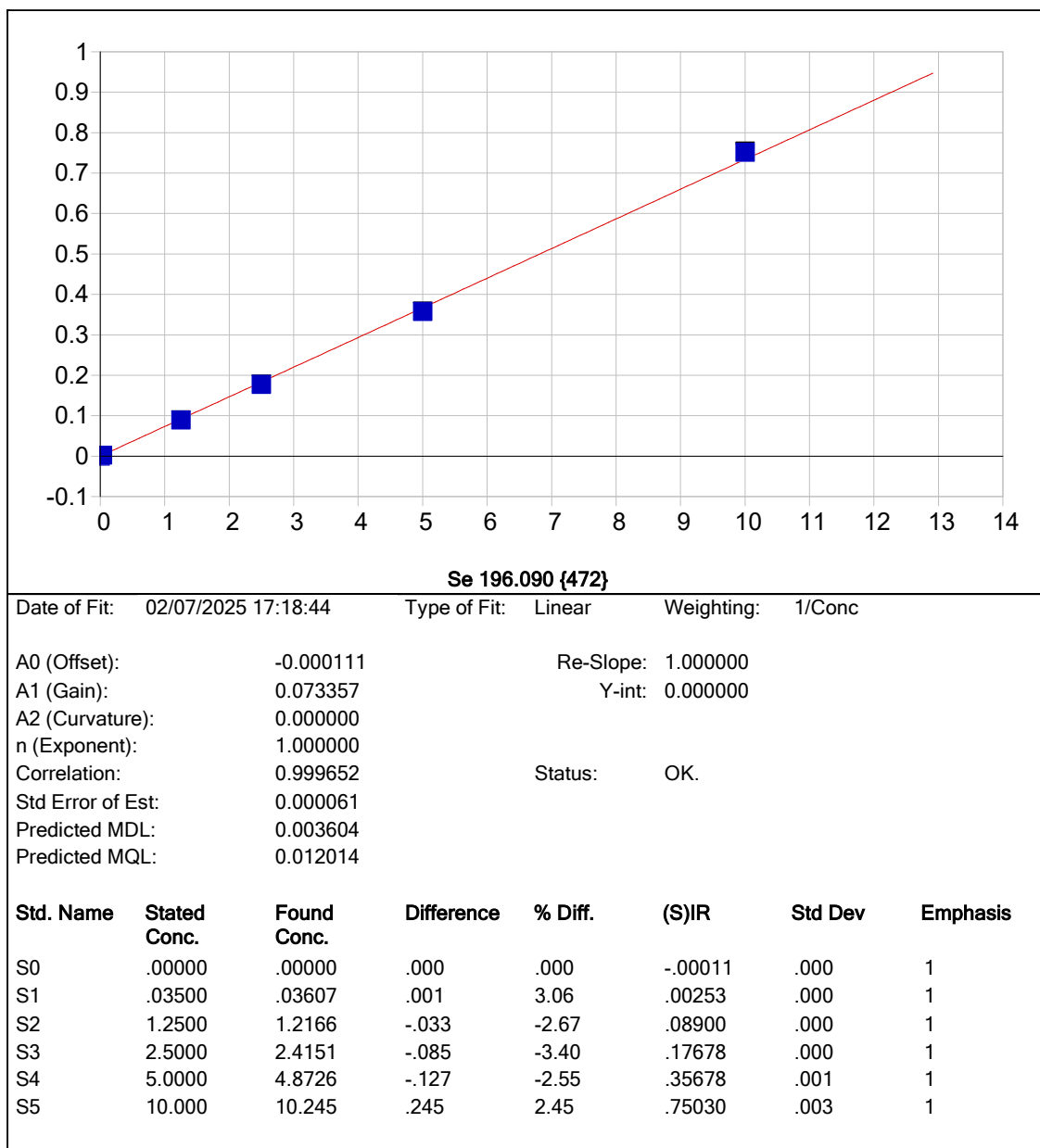




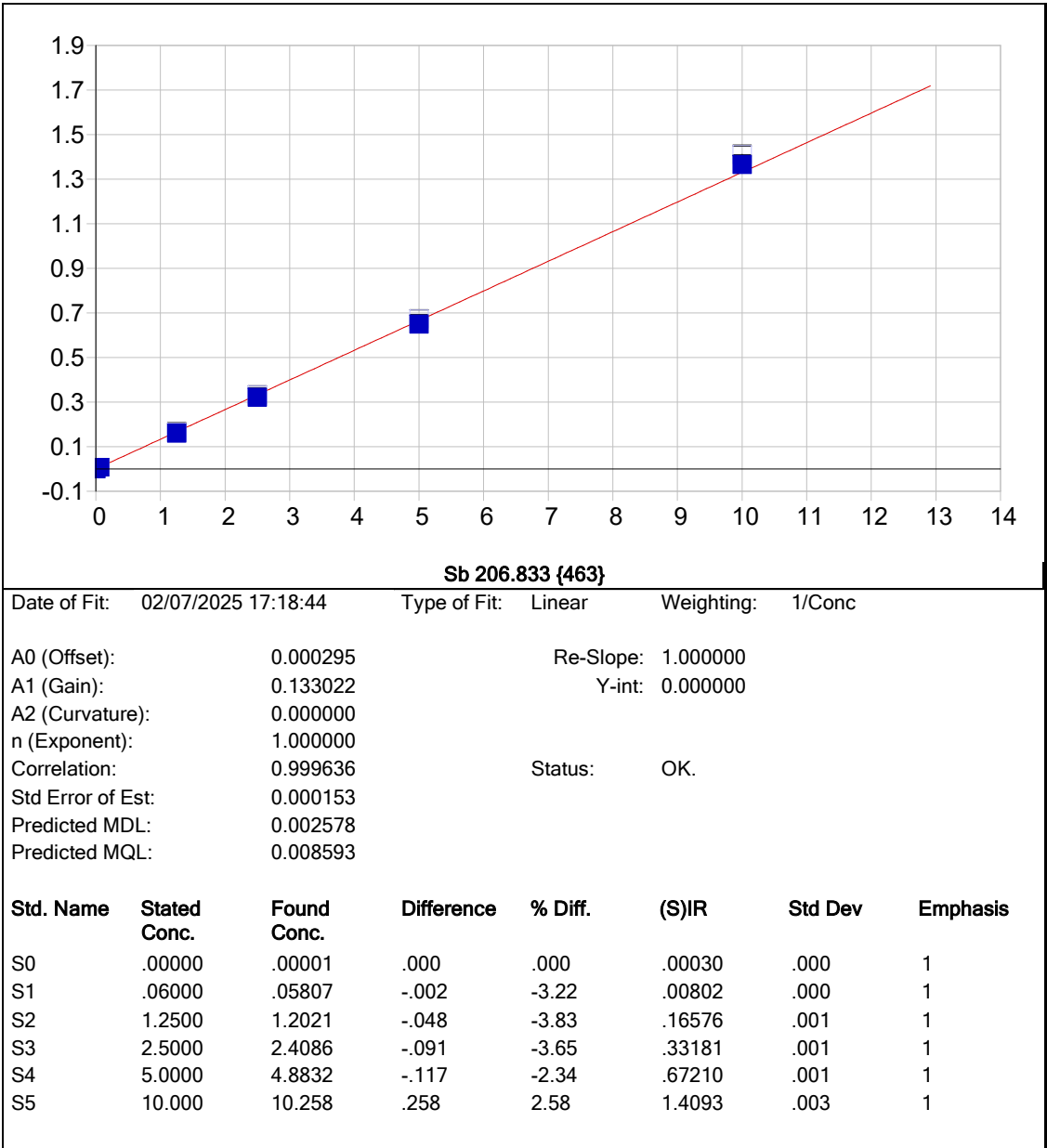


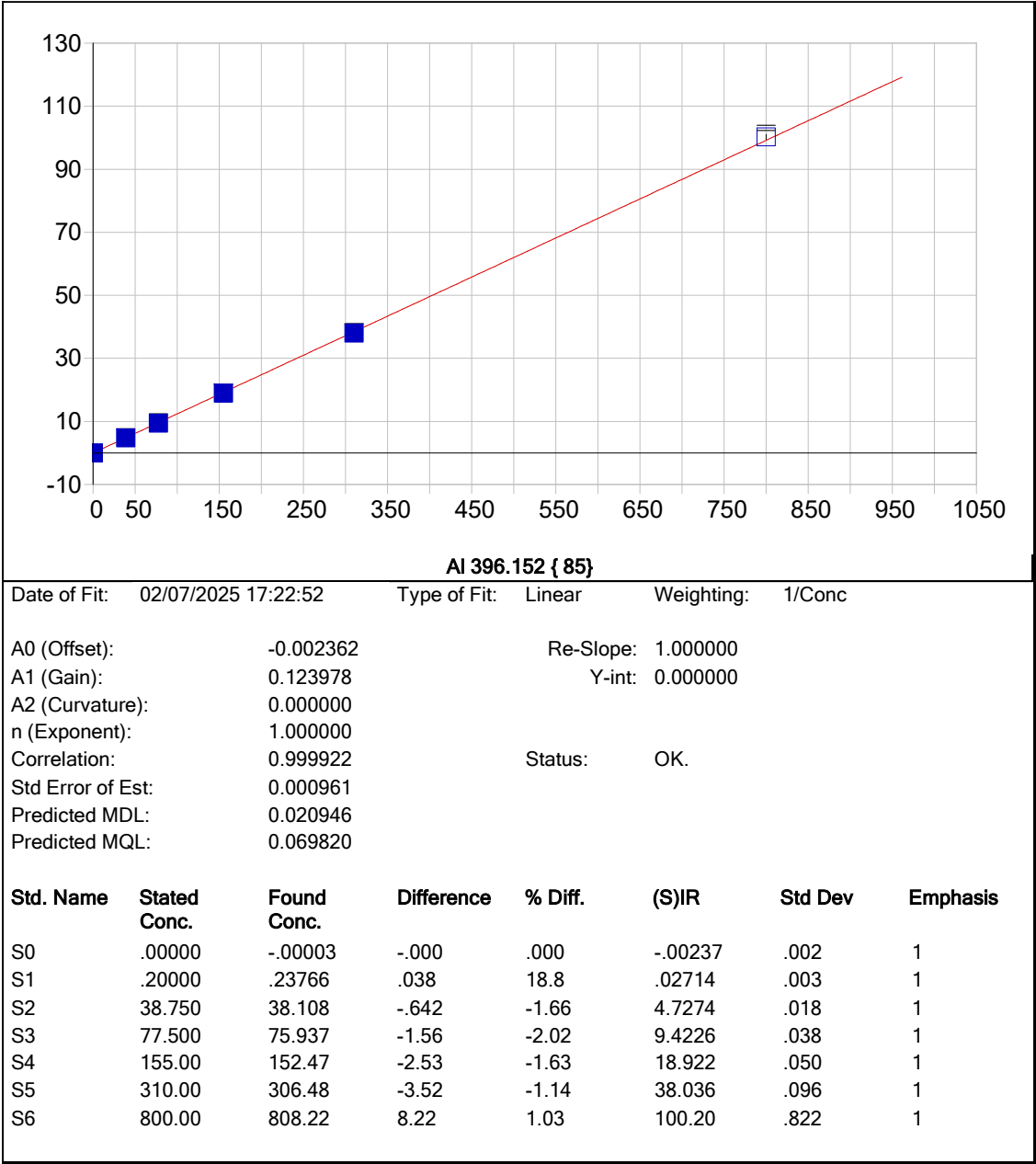


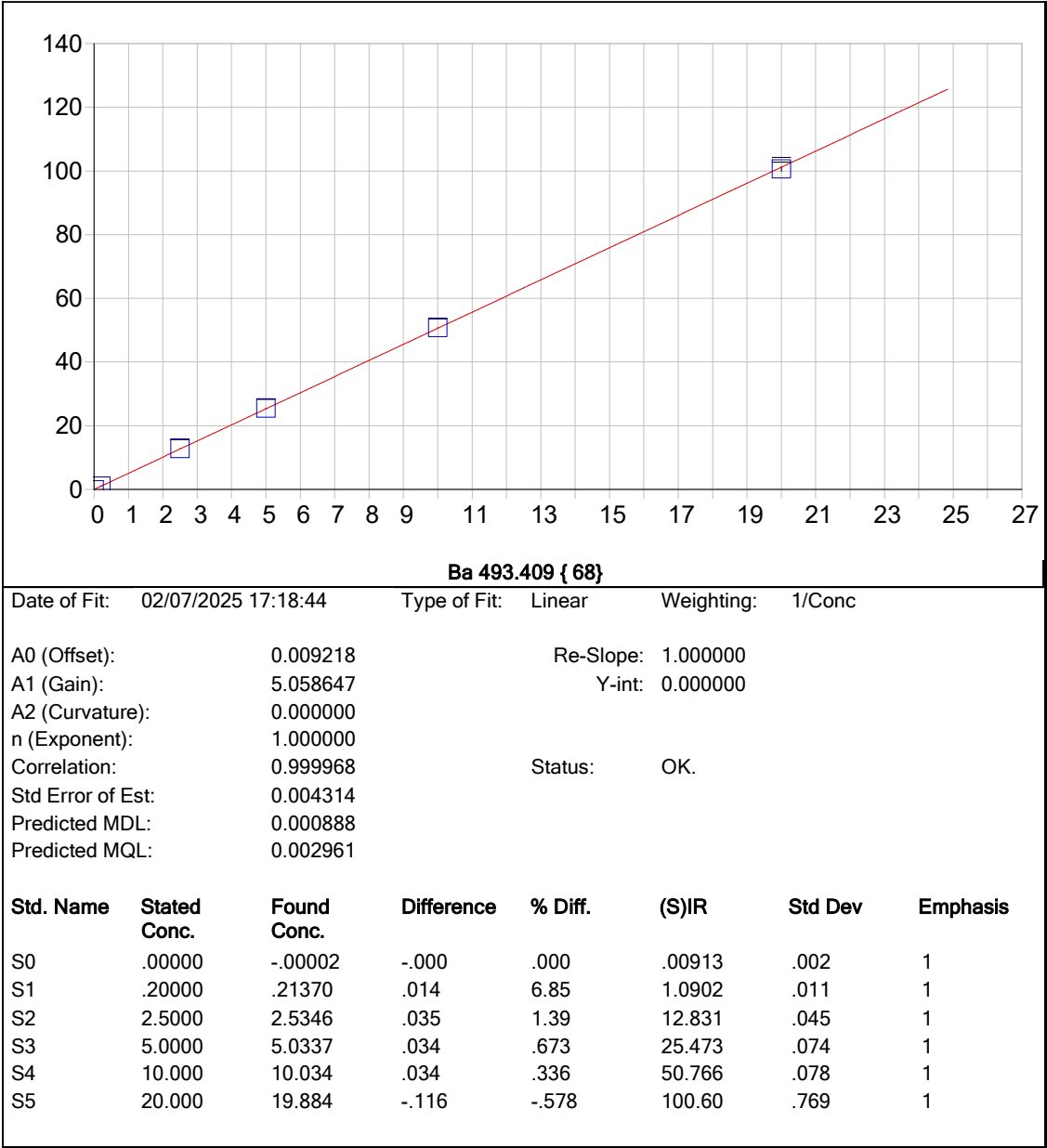


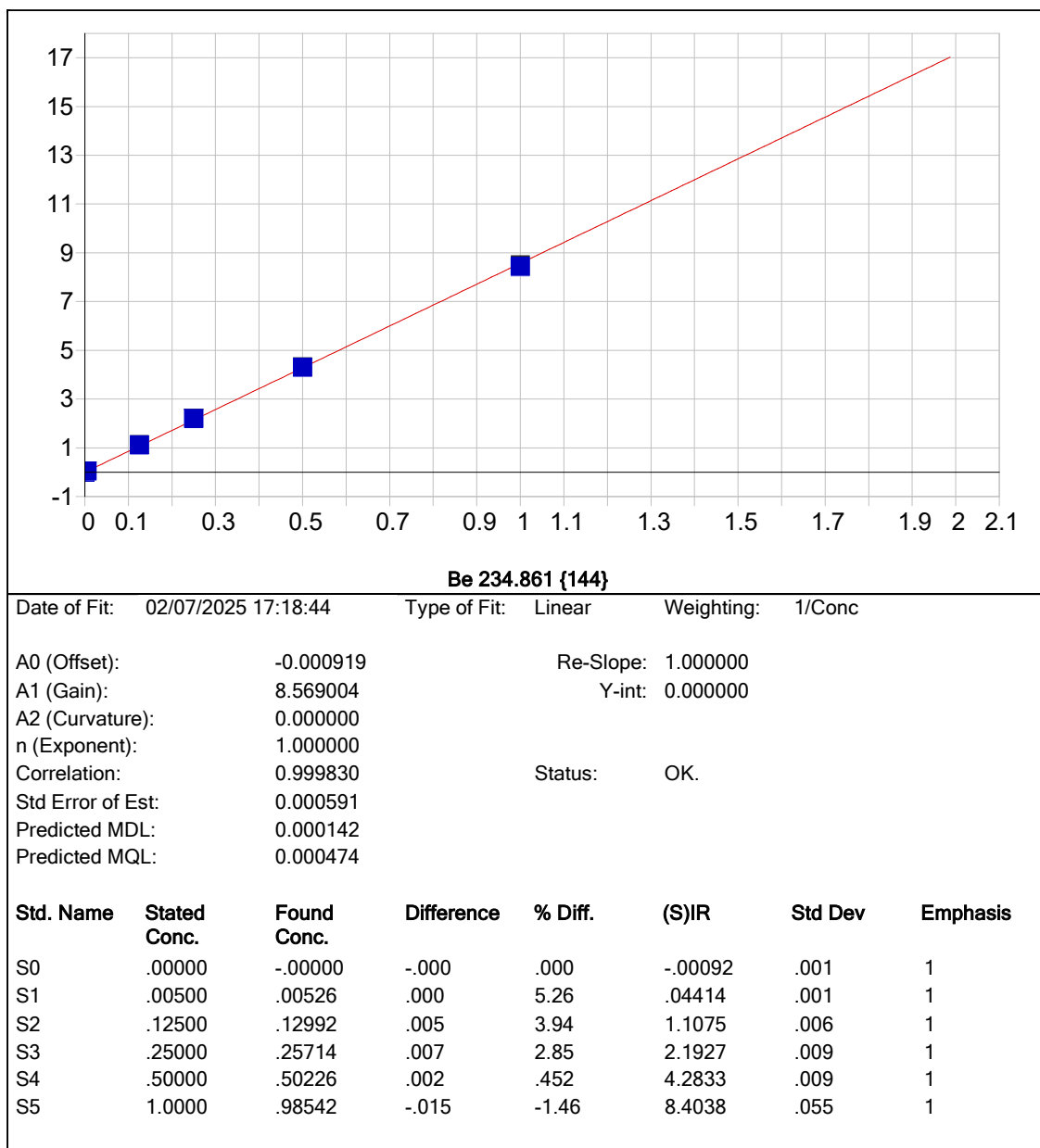
Date of Fit: 02/07/2025 17:18:44 Type of Fit: Linear Weighting: 1/Conc

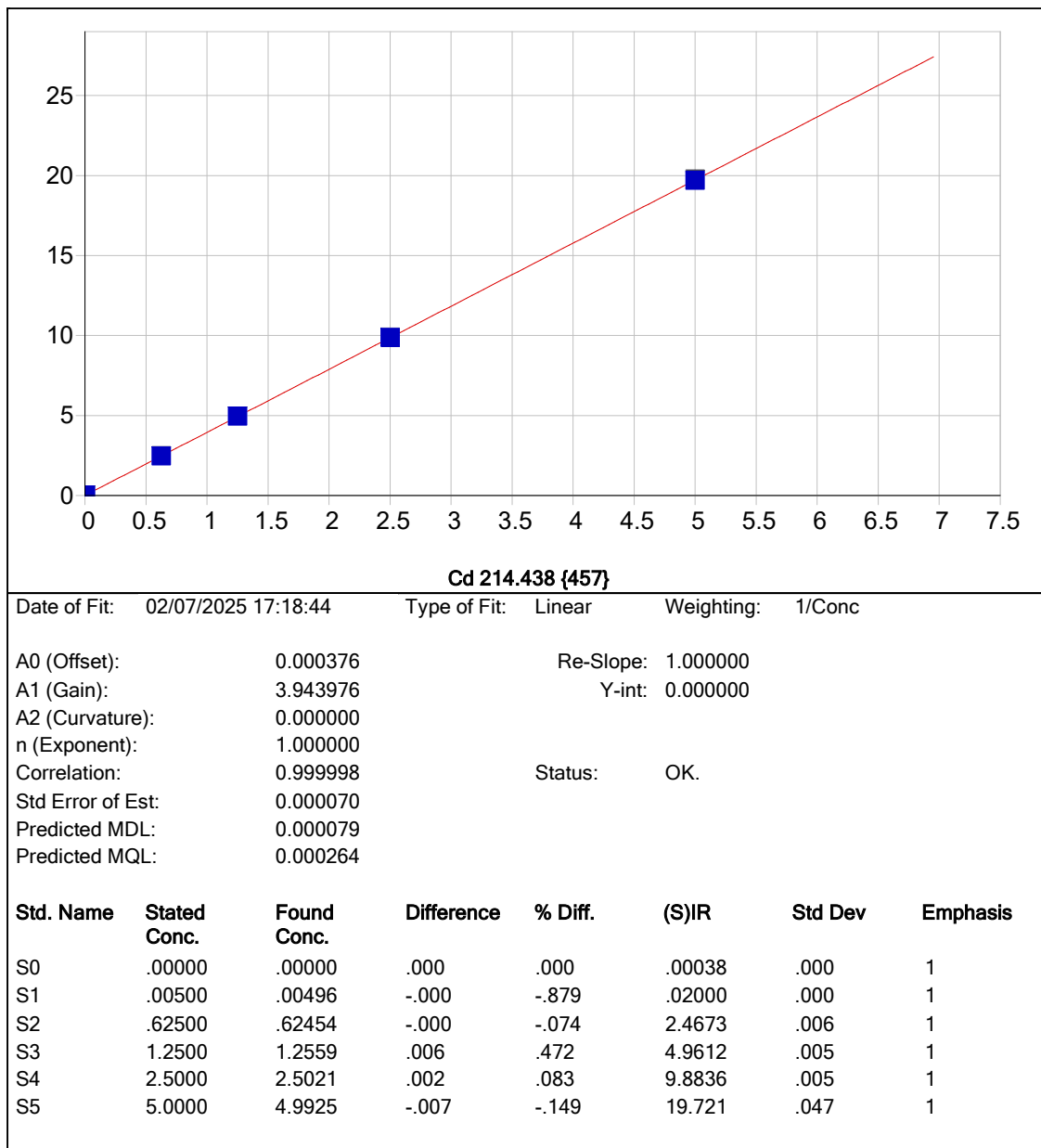
A0 (Offset):	-0.000111	Re-Slope:	1.000000
A1 (Gain):	0.073357	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999652	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.003604		
Predicted MQL:	0.012014		

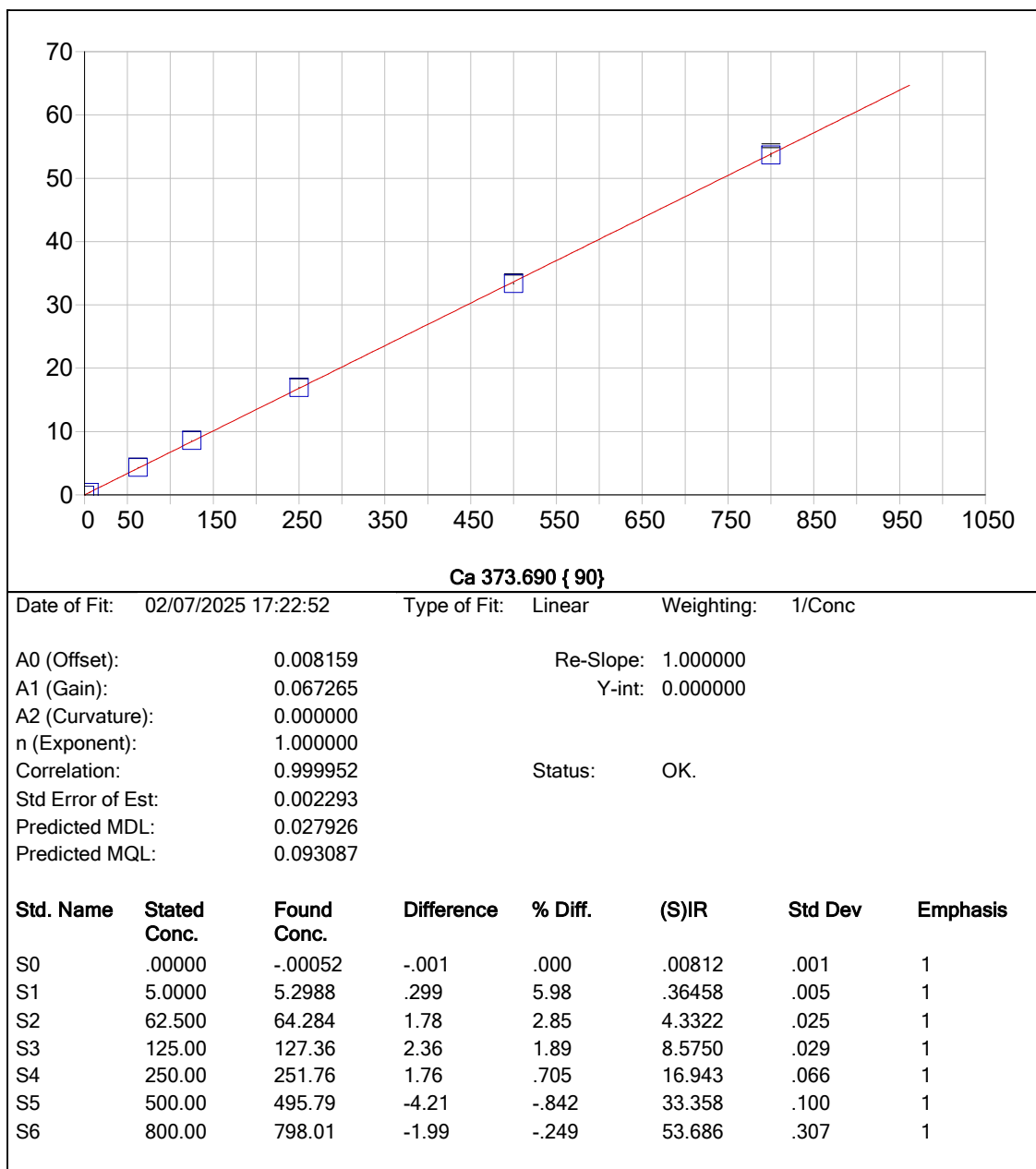


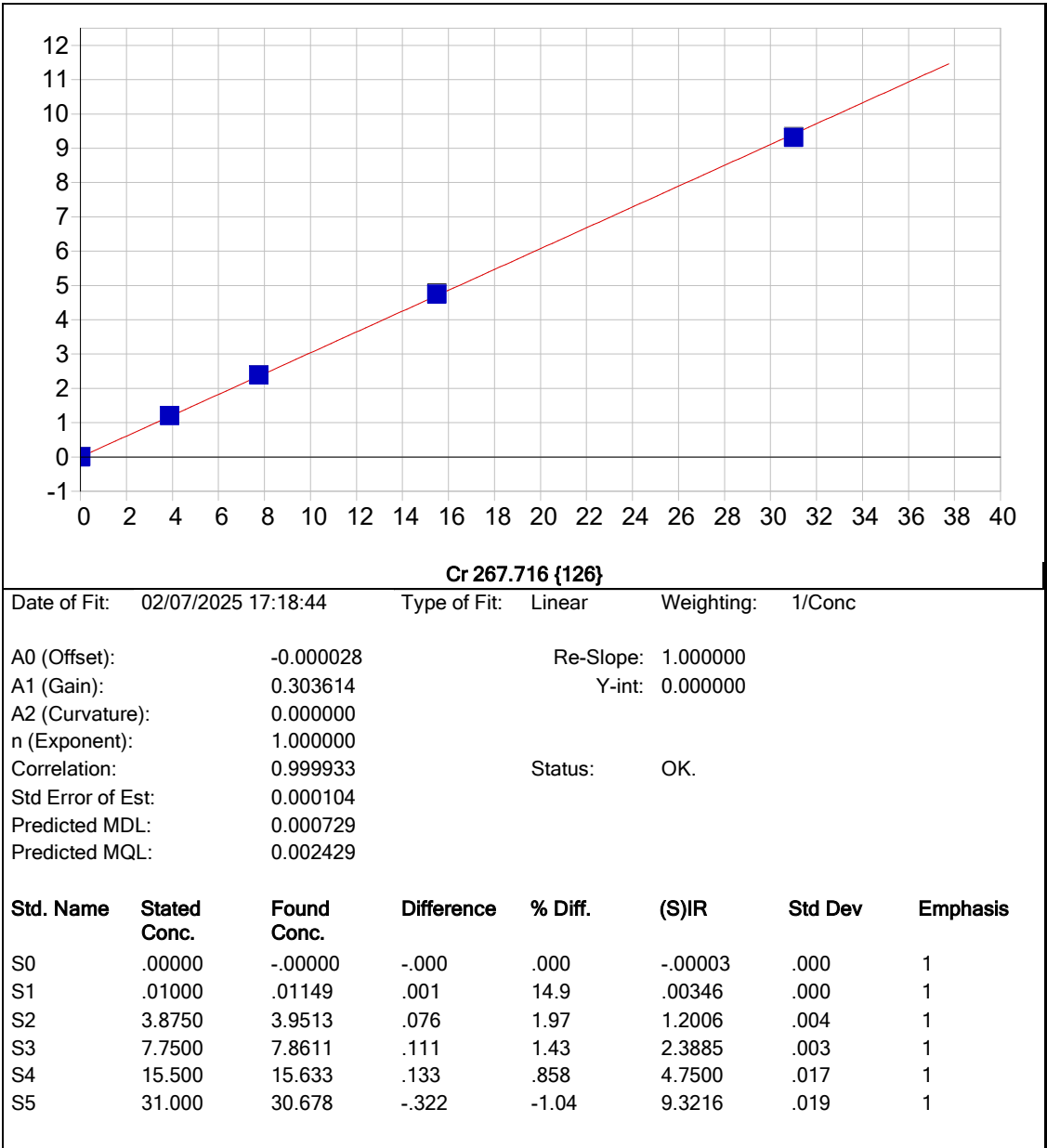


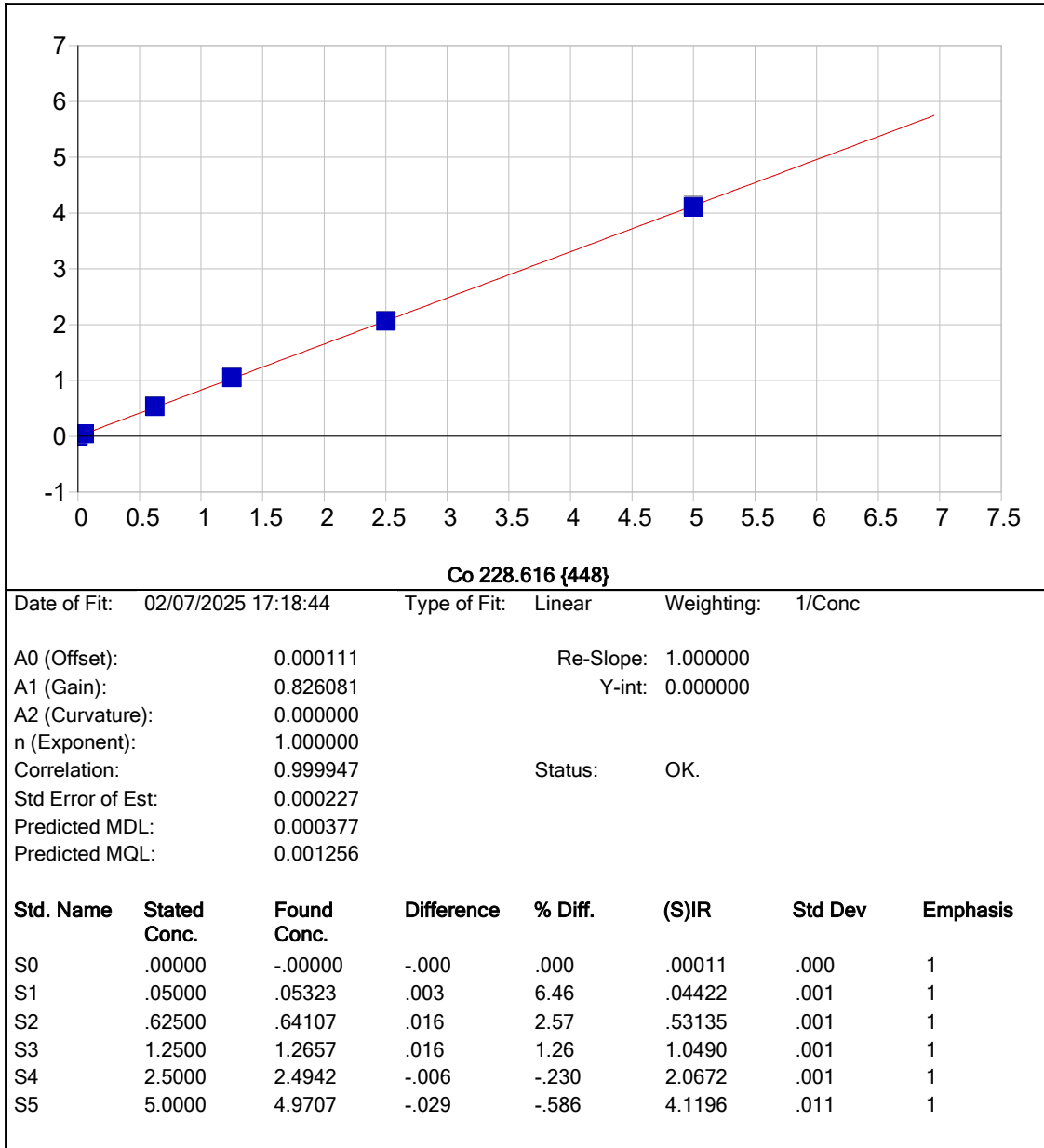


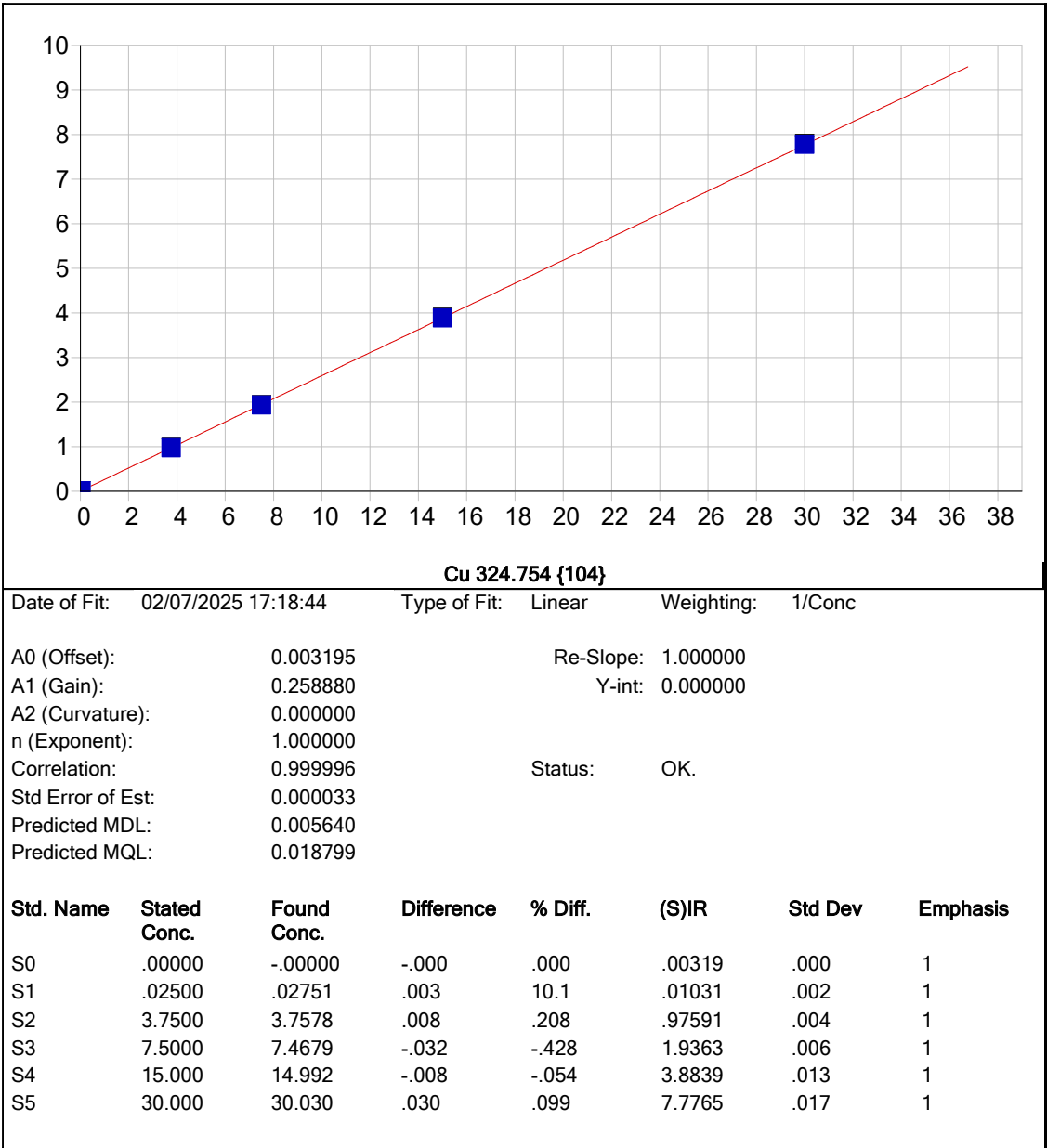


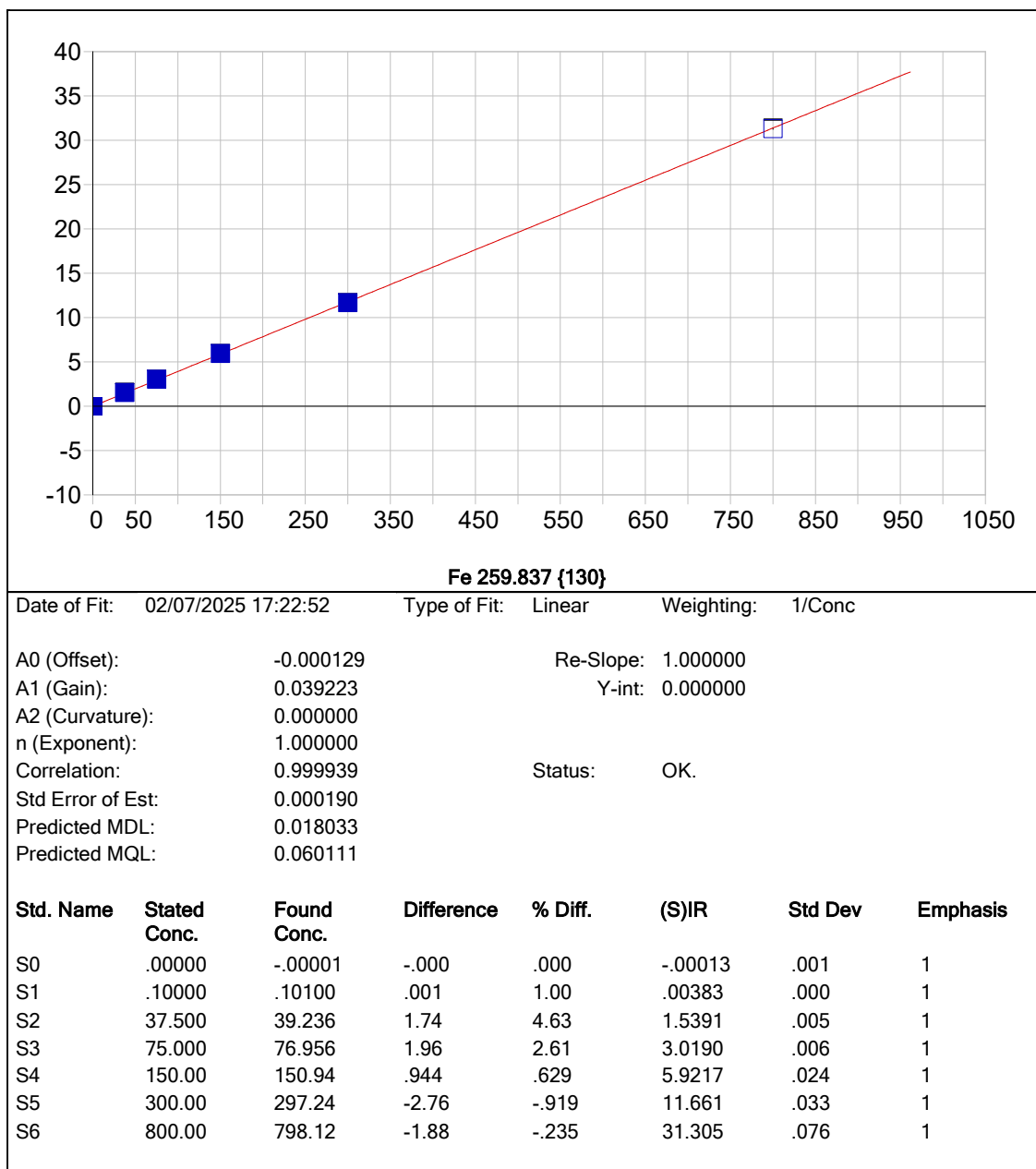


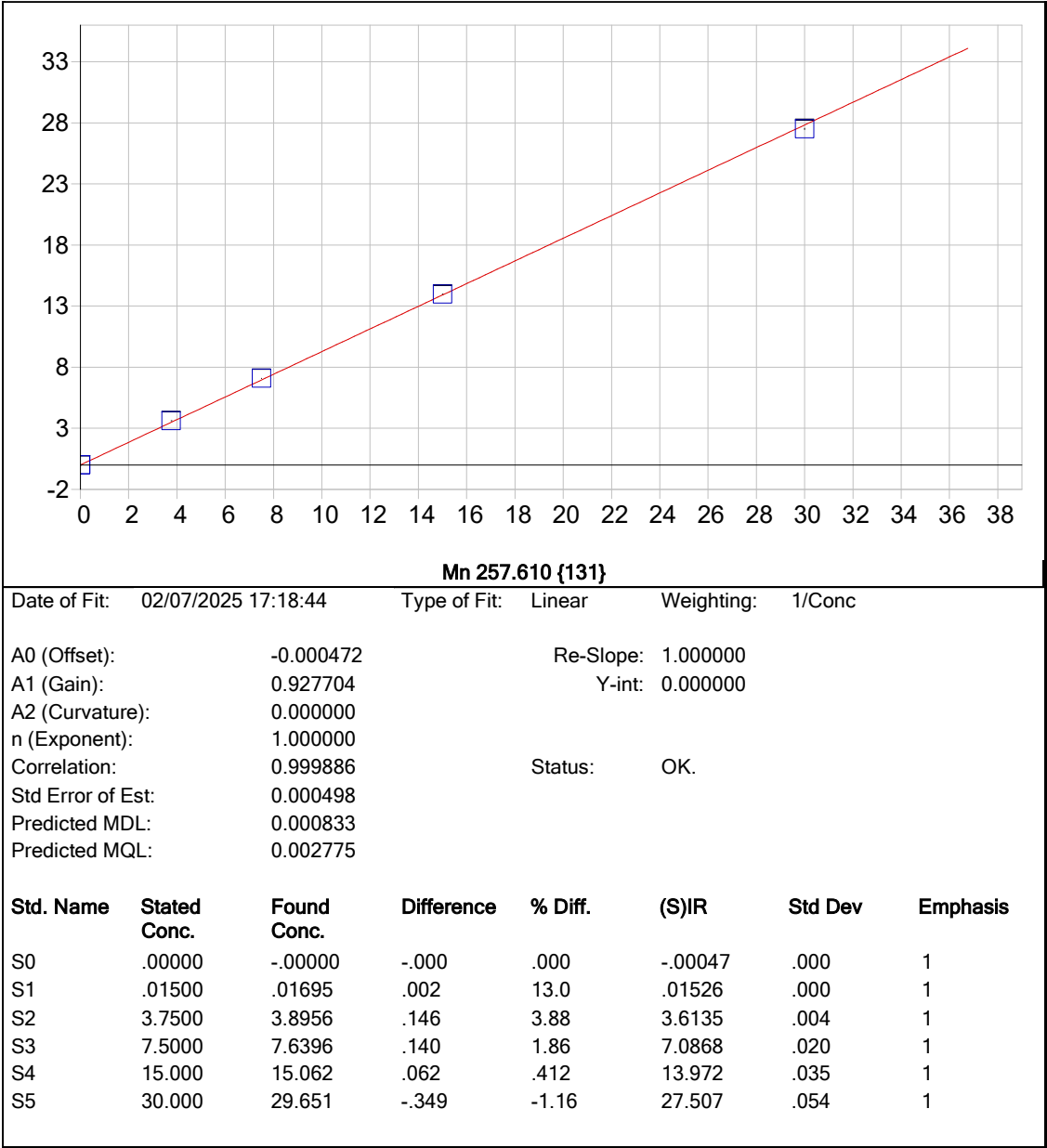


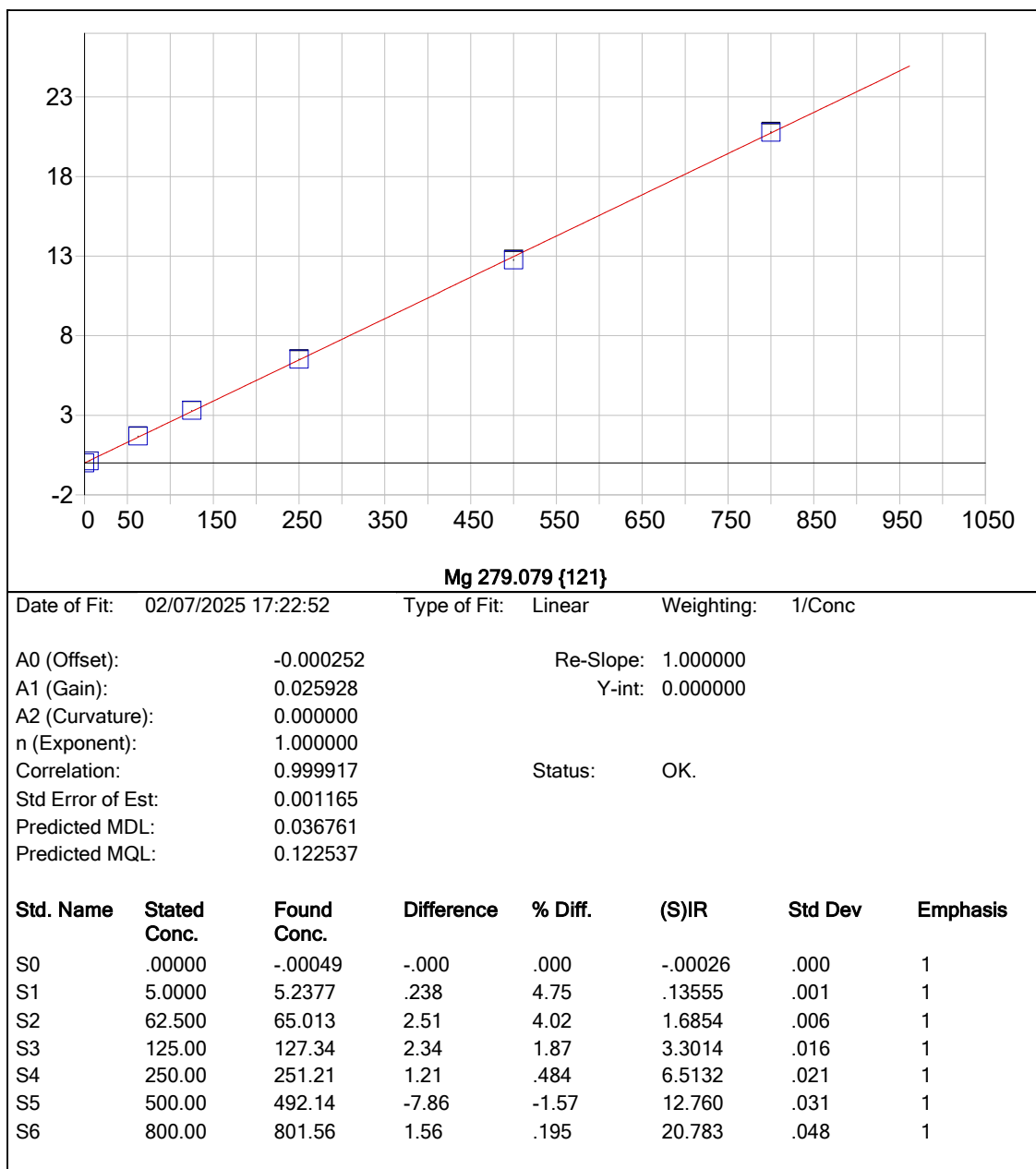


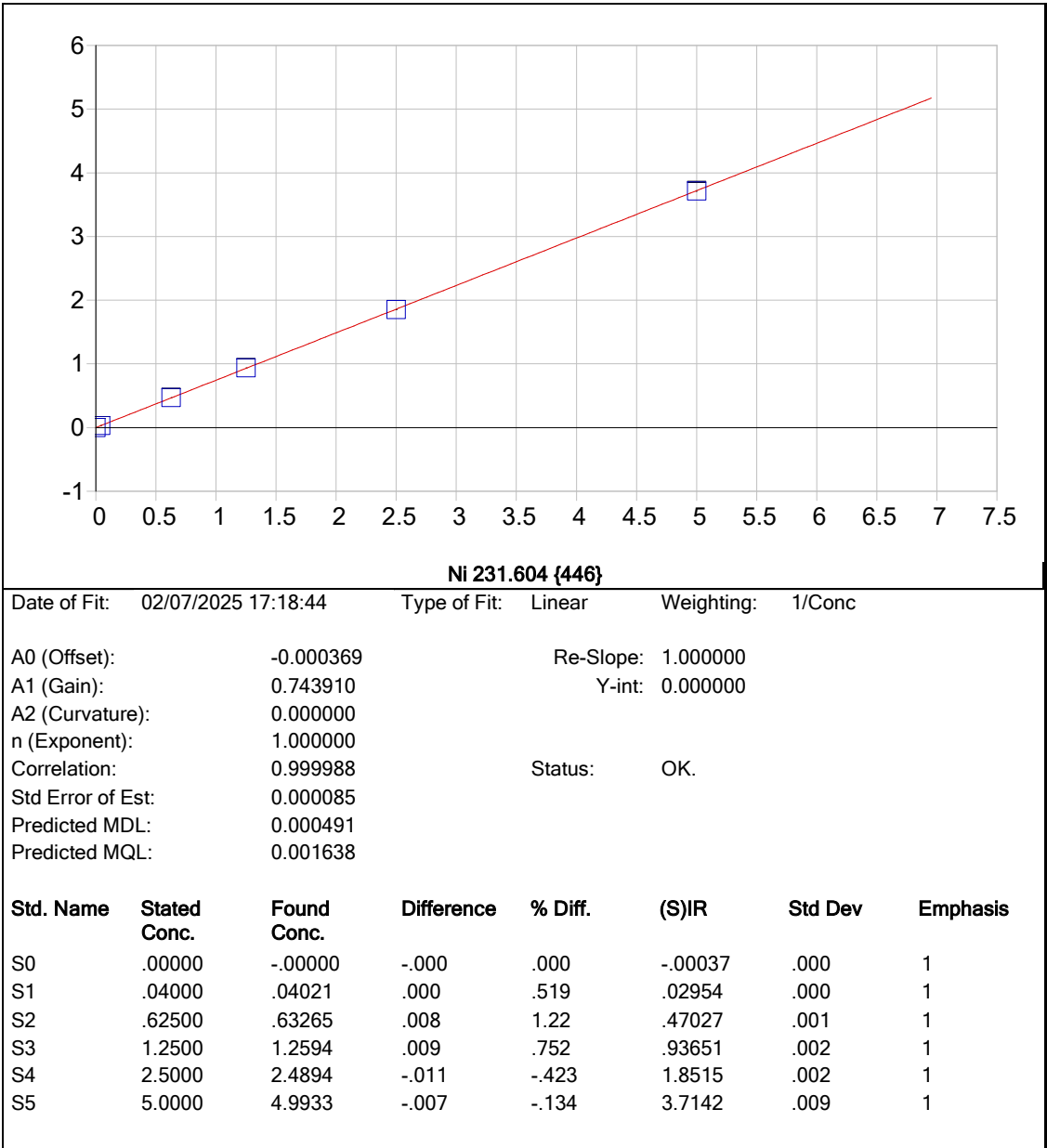


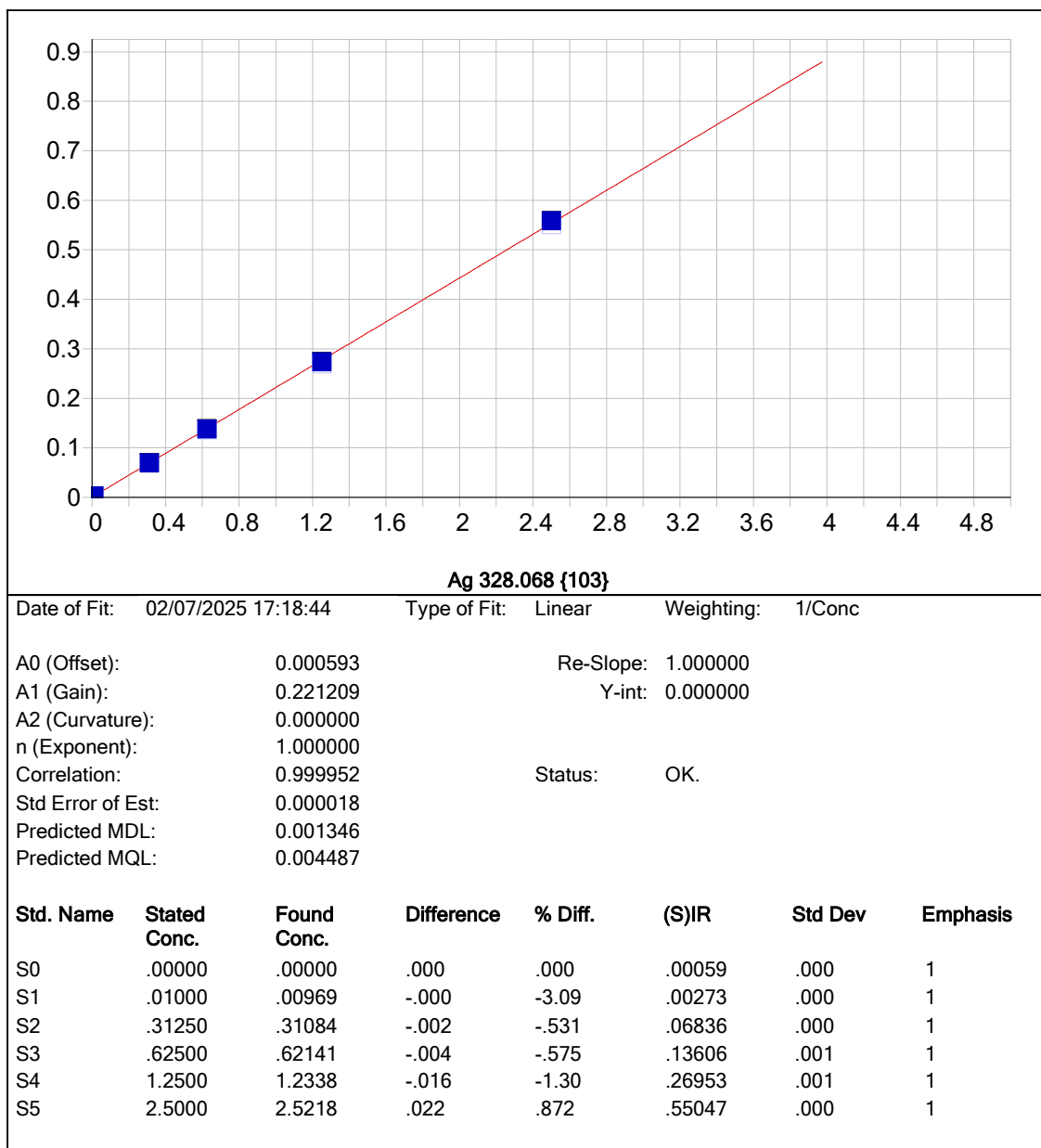


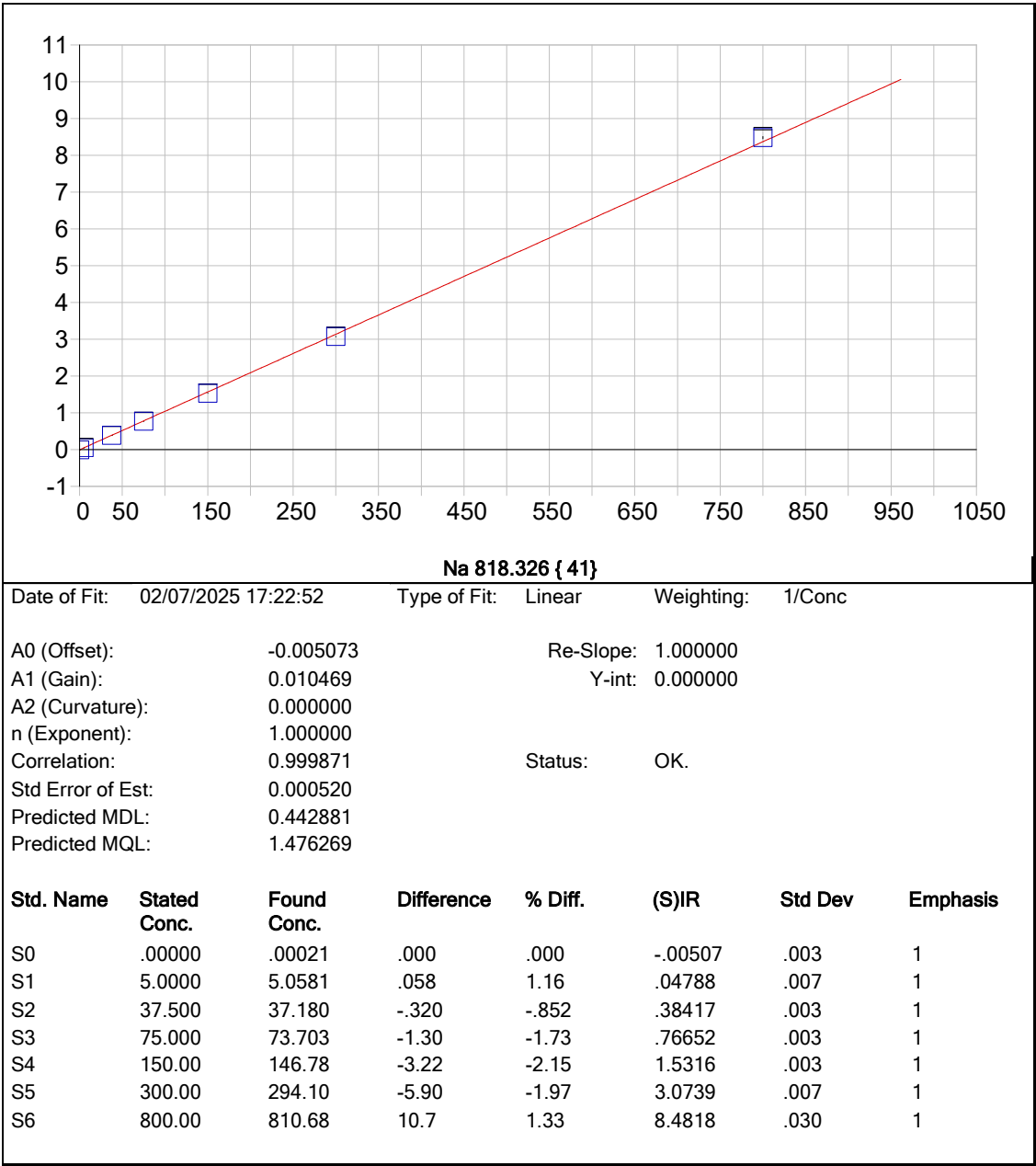


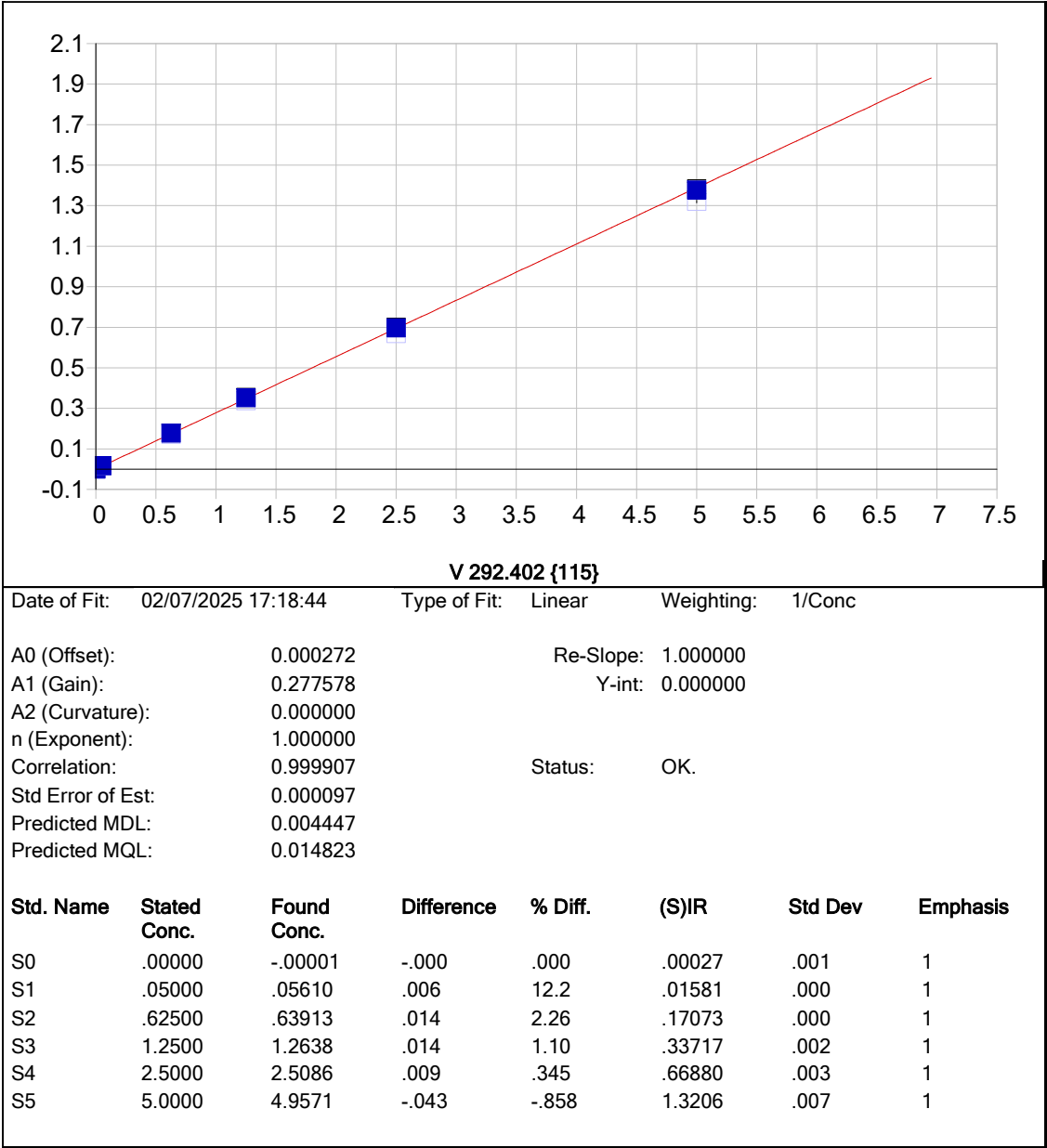


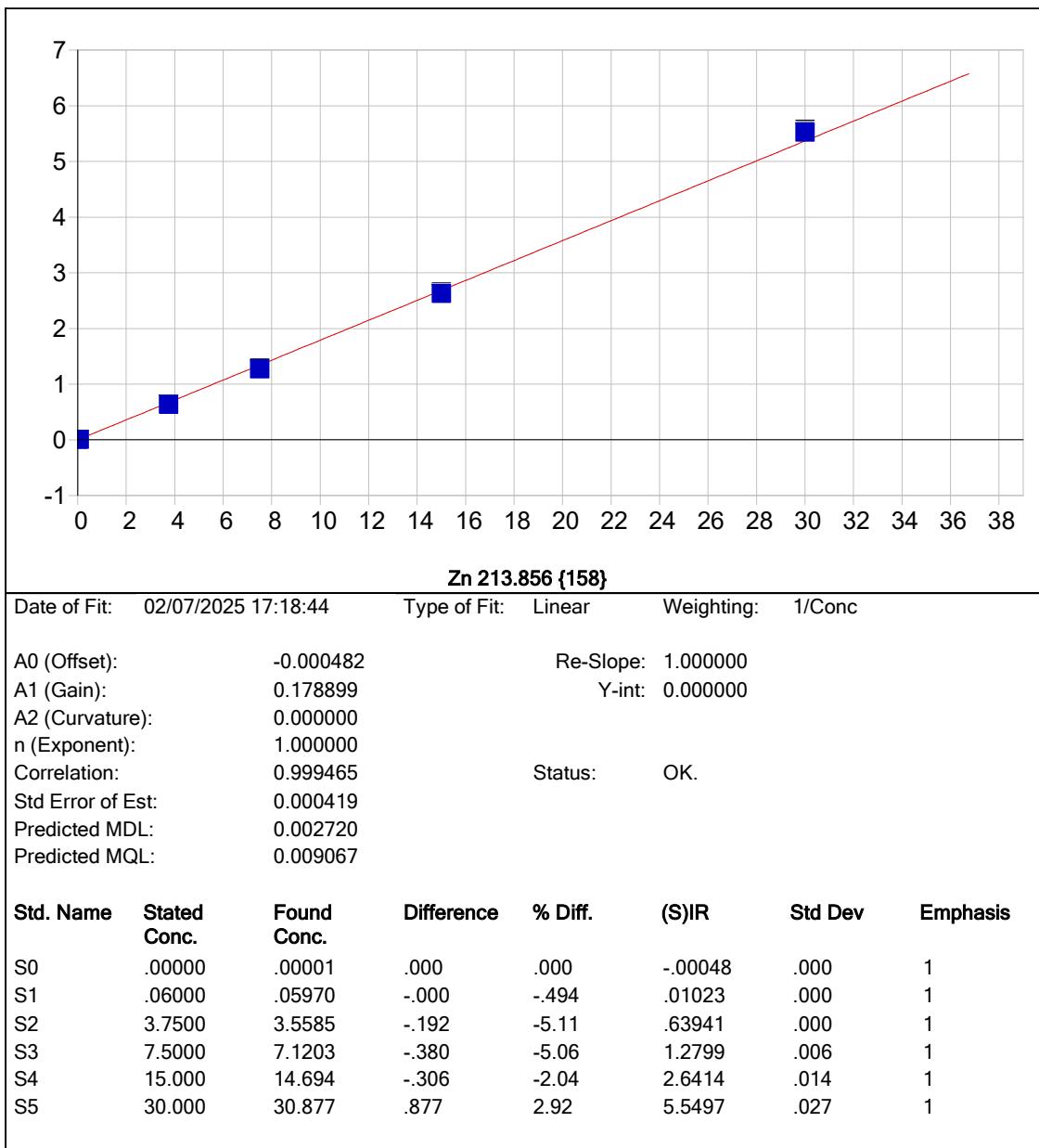


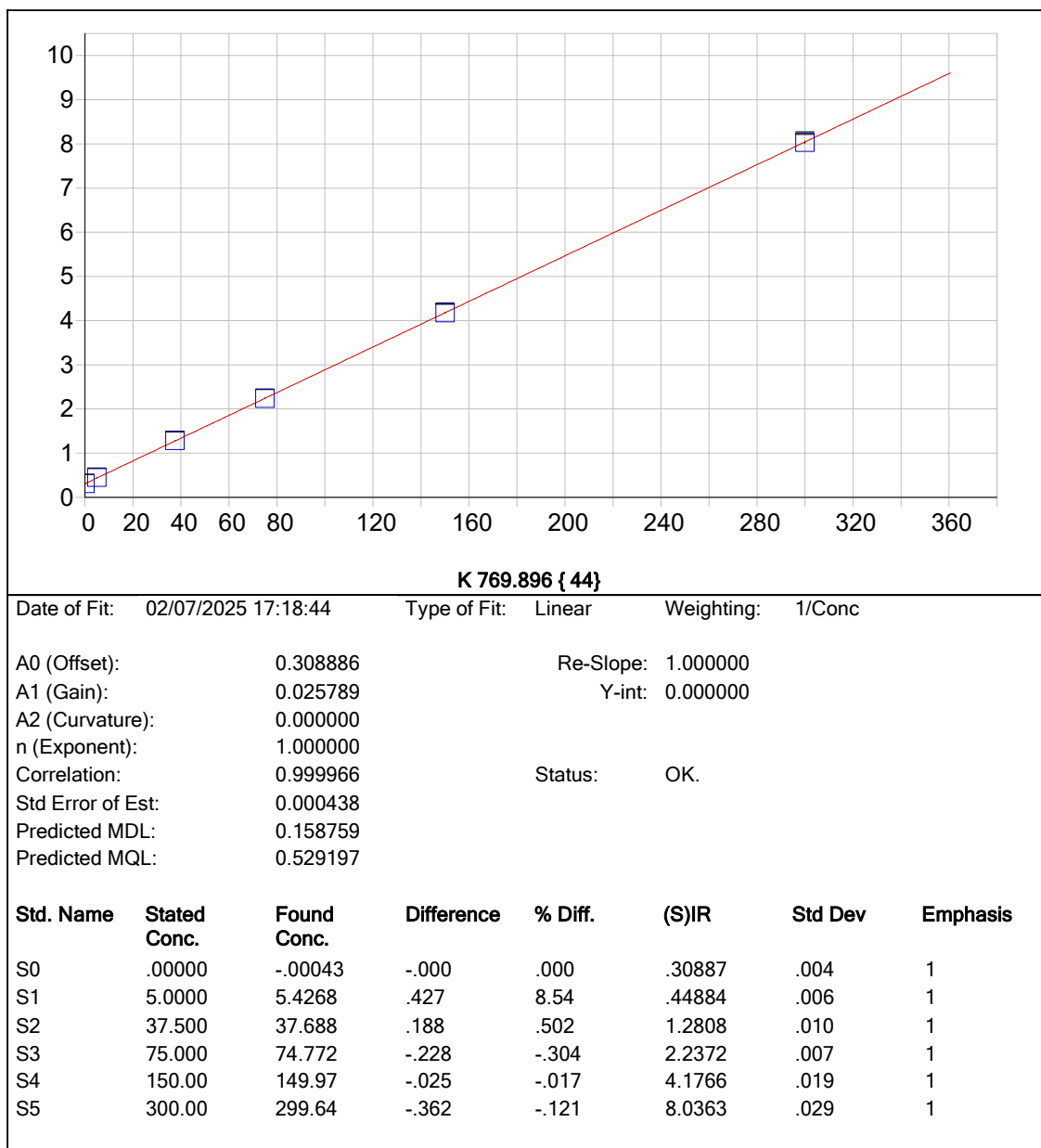


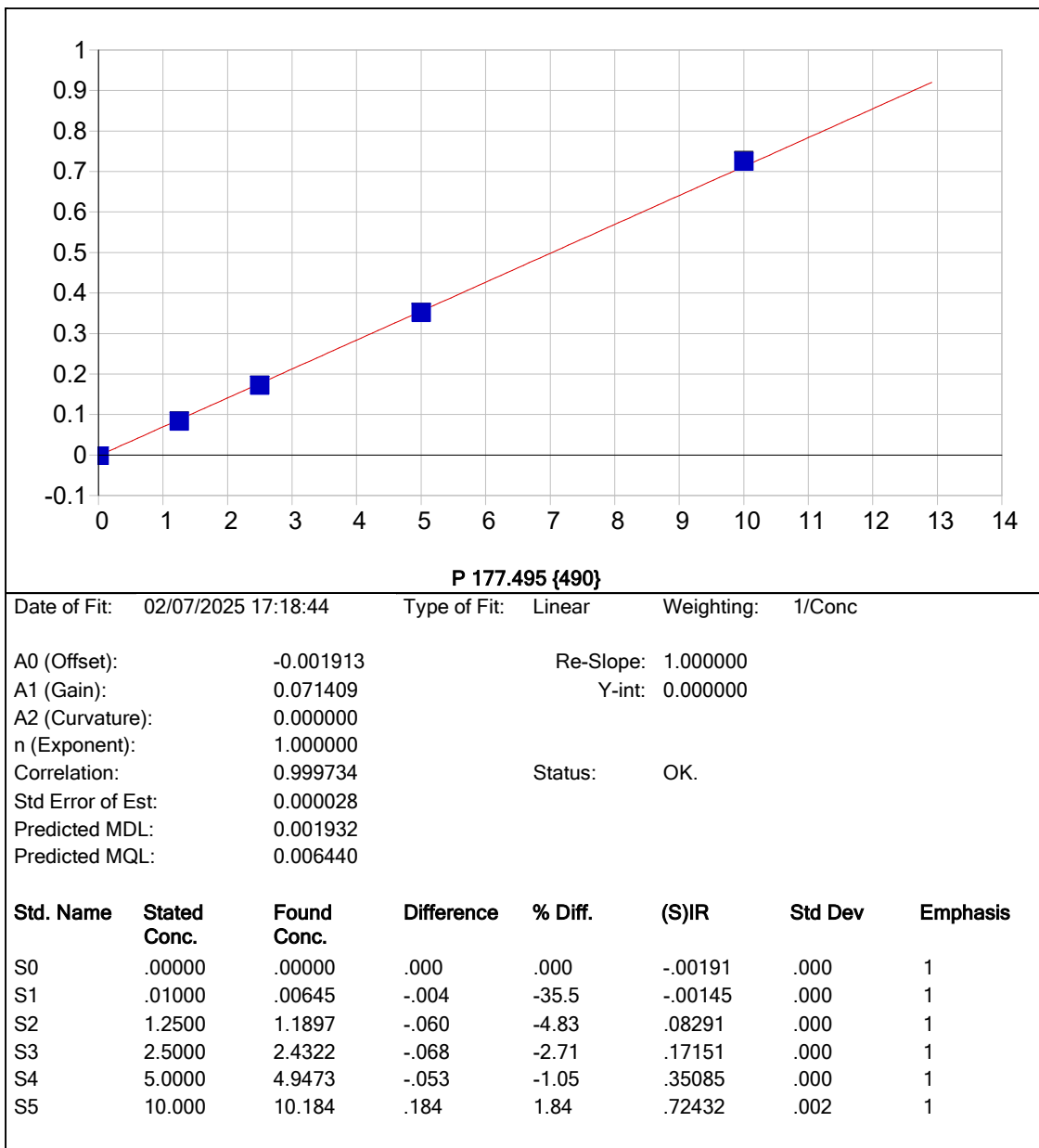


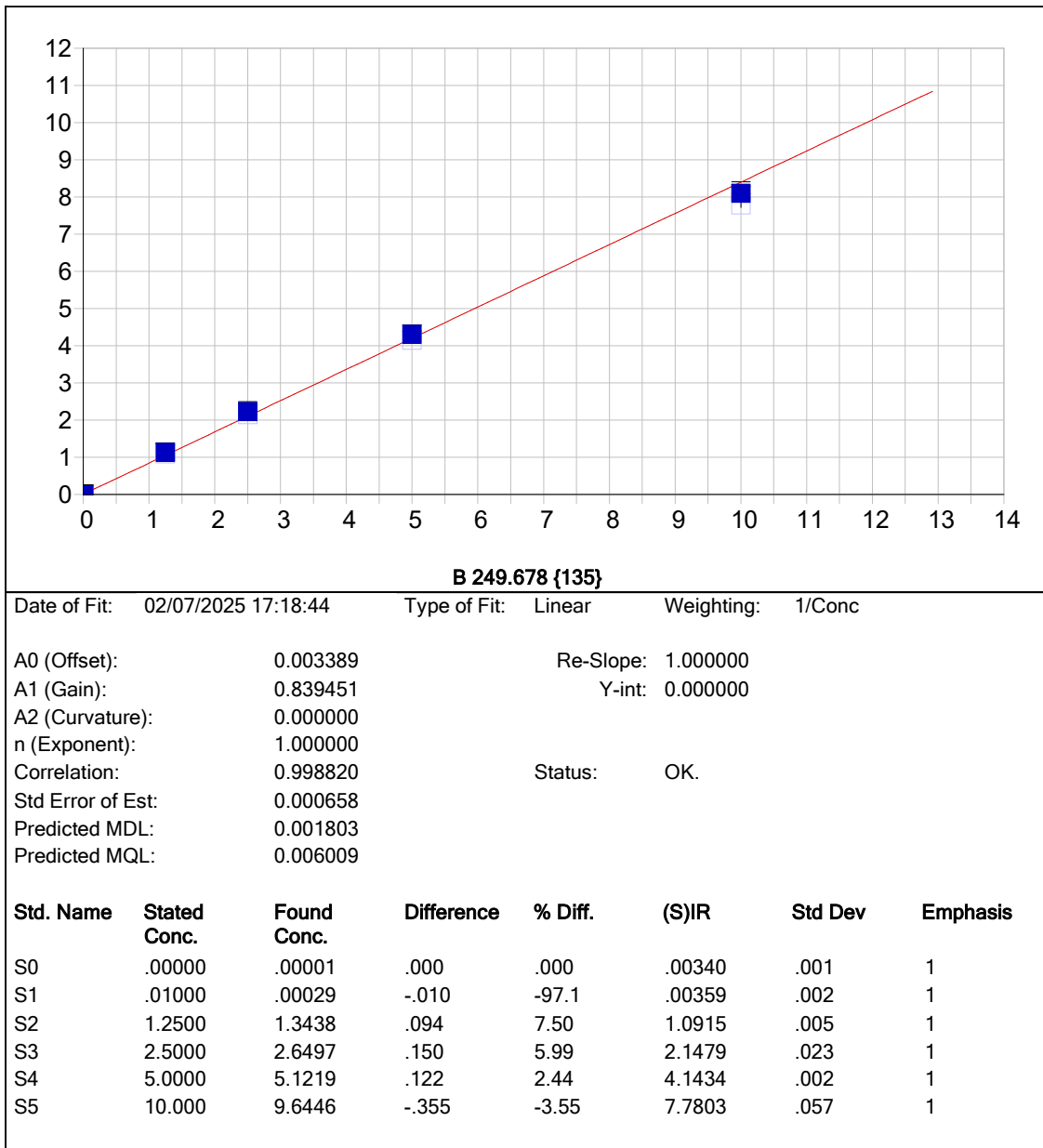


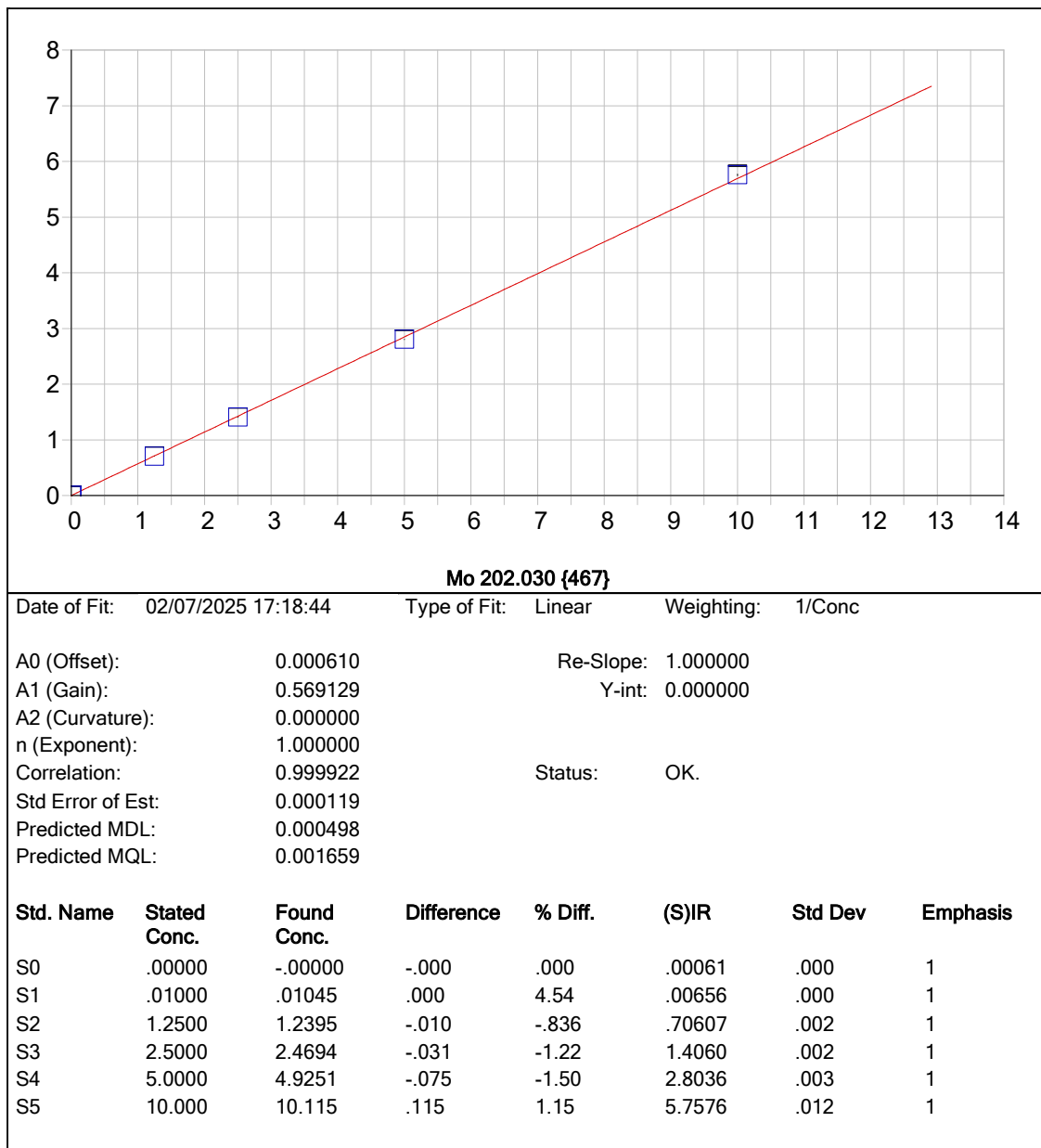


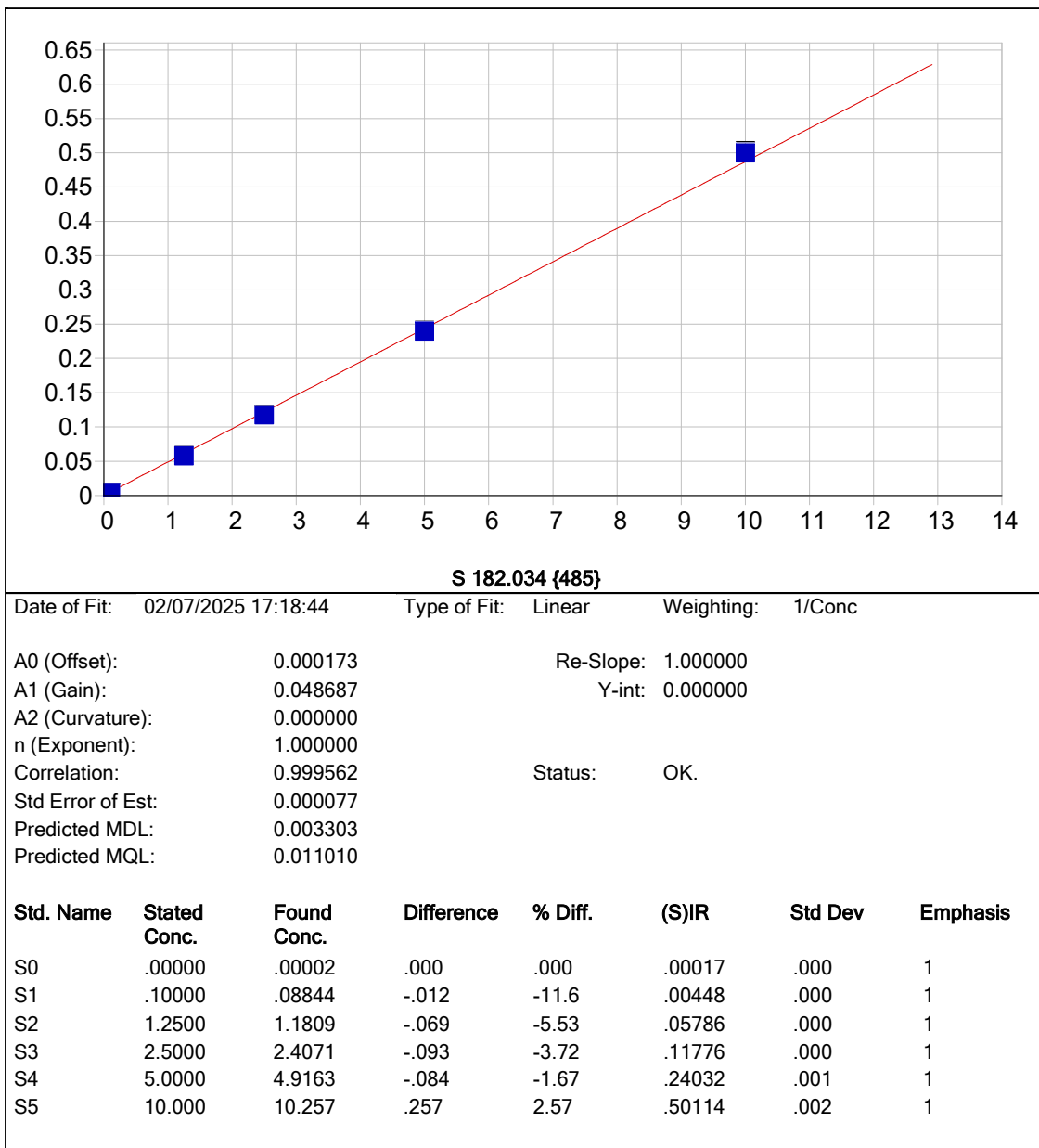


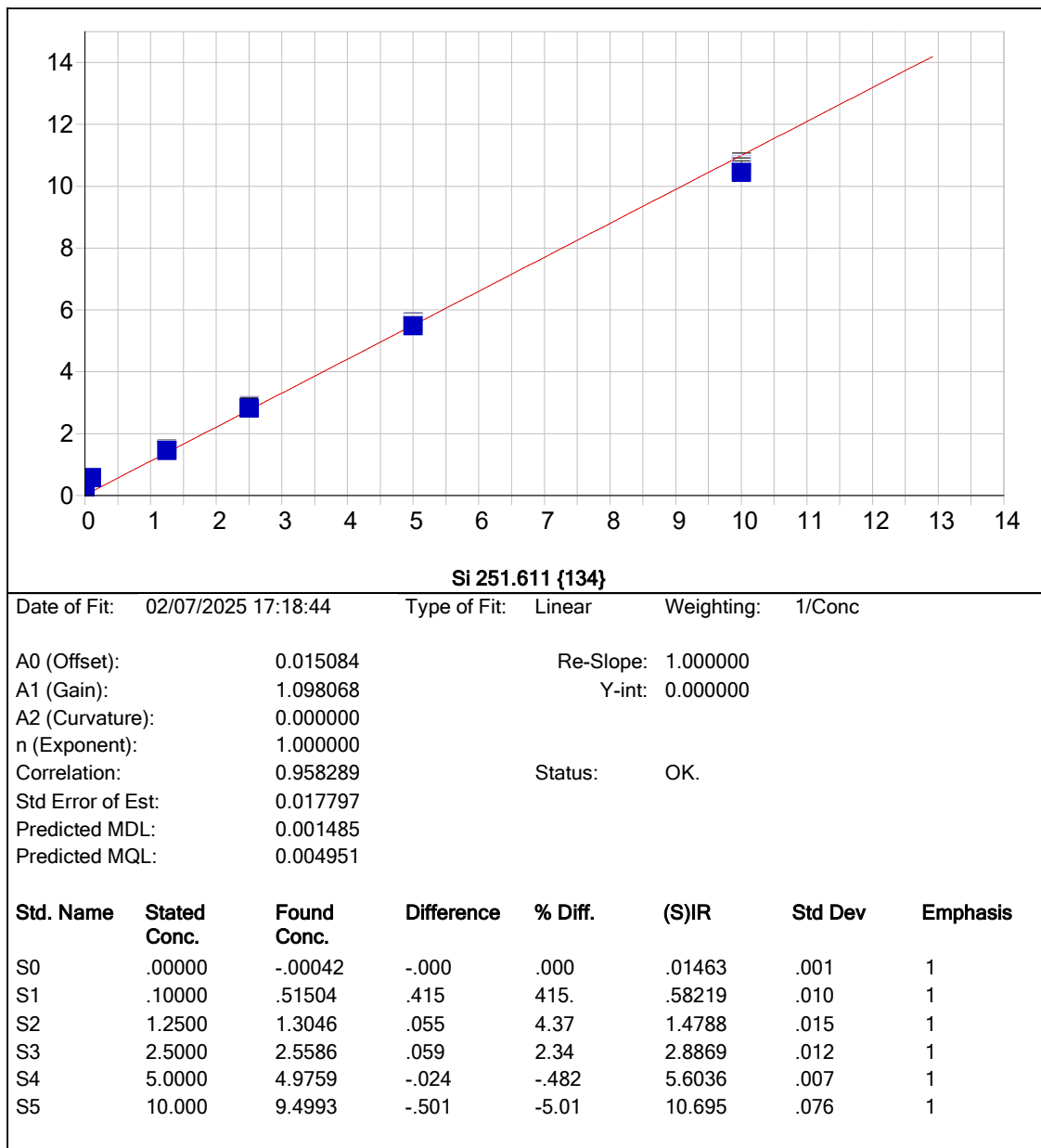


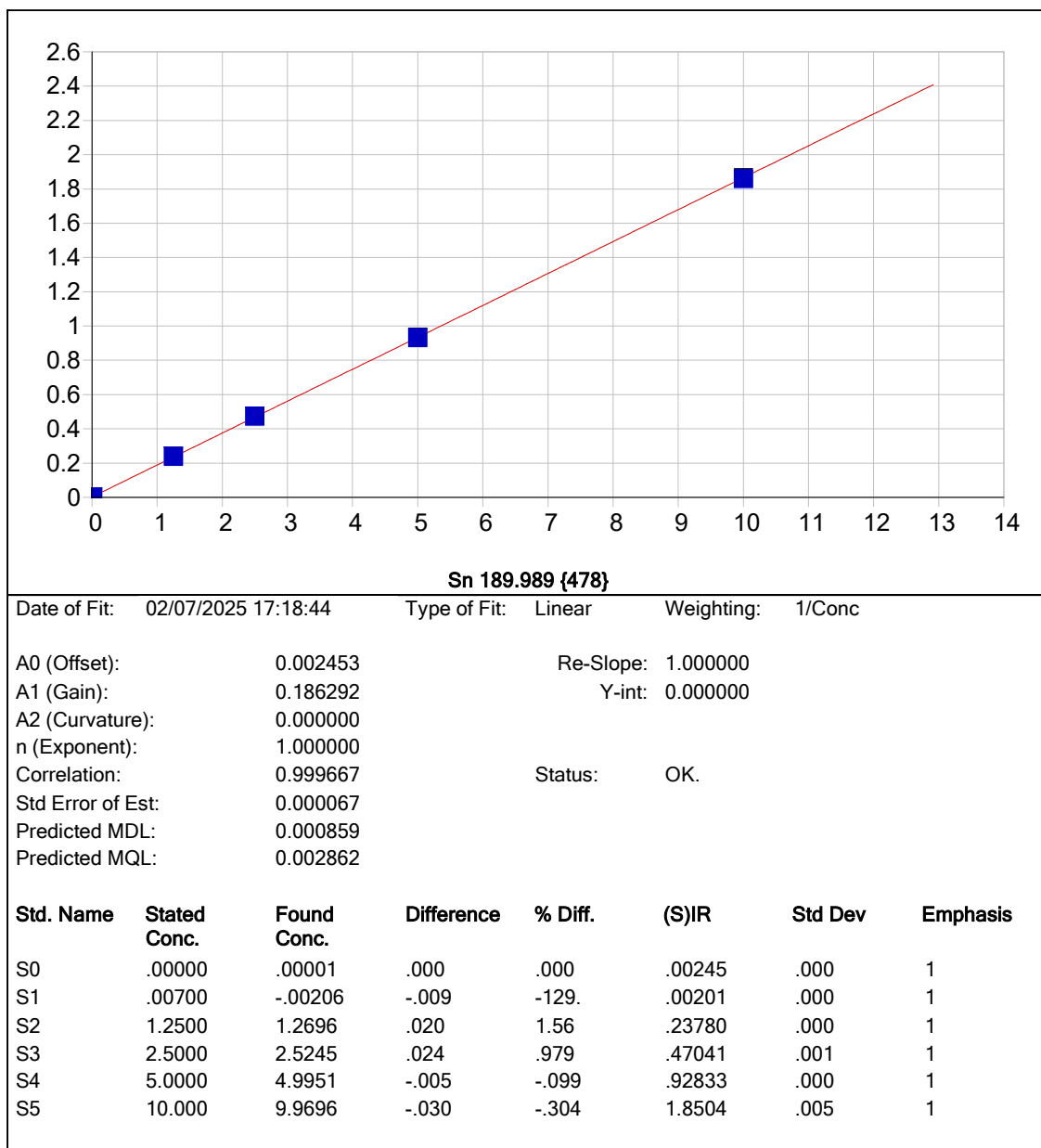


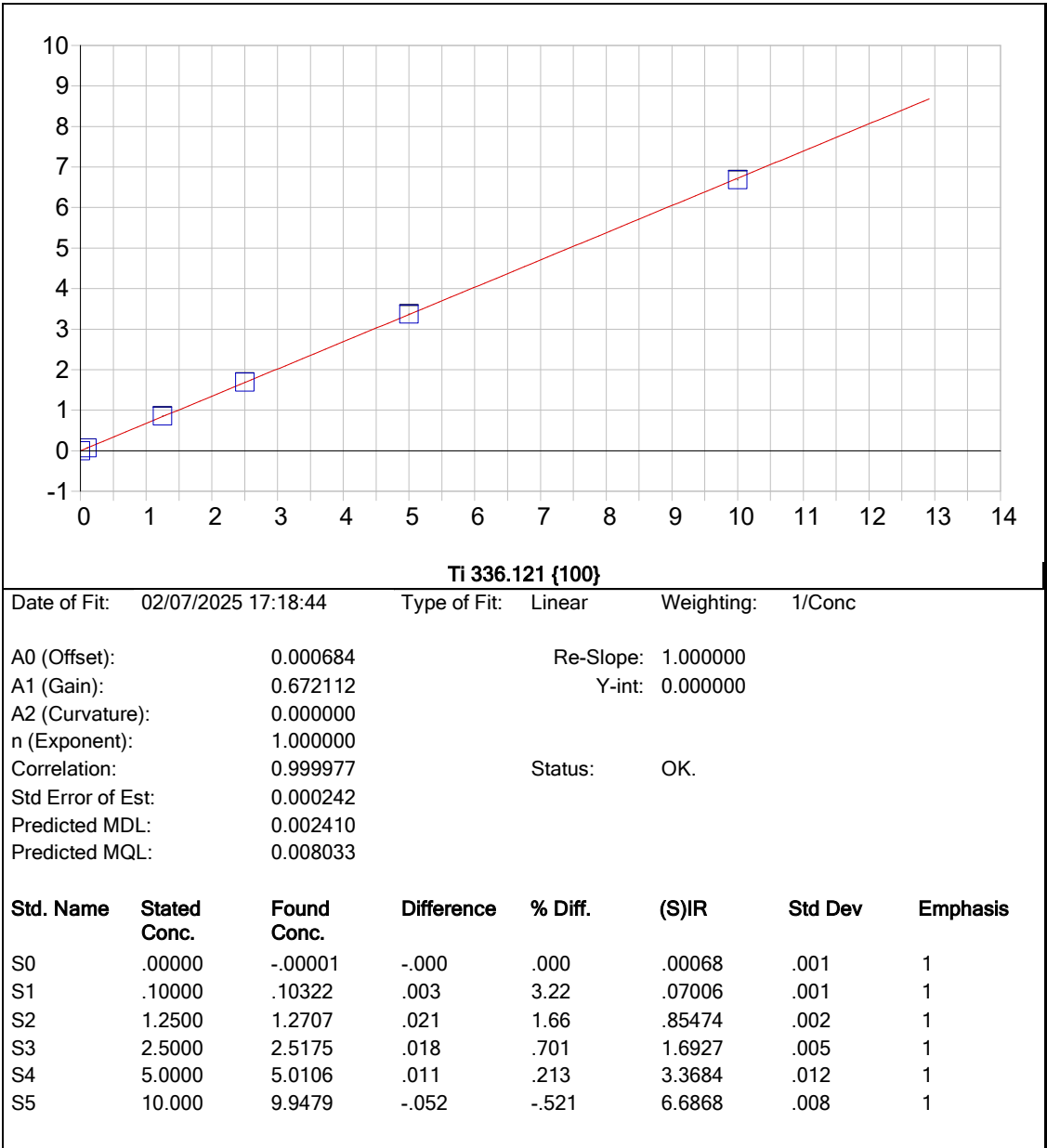


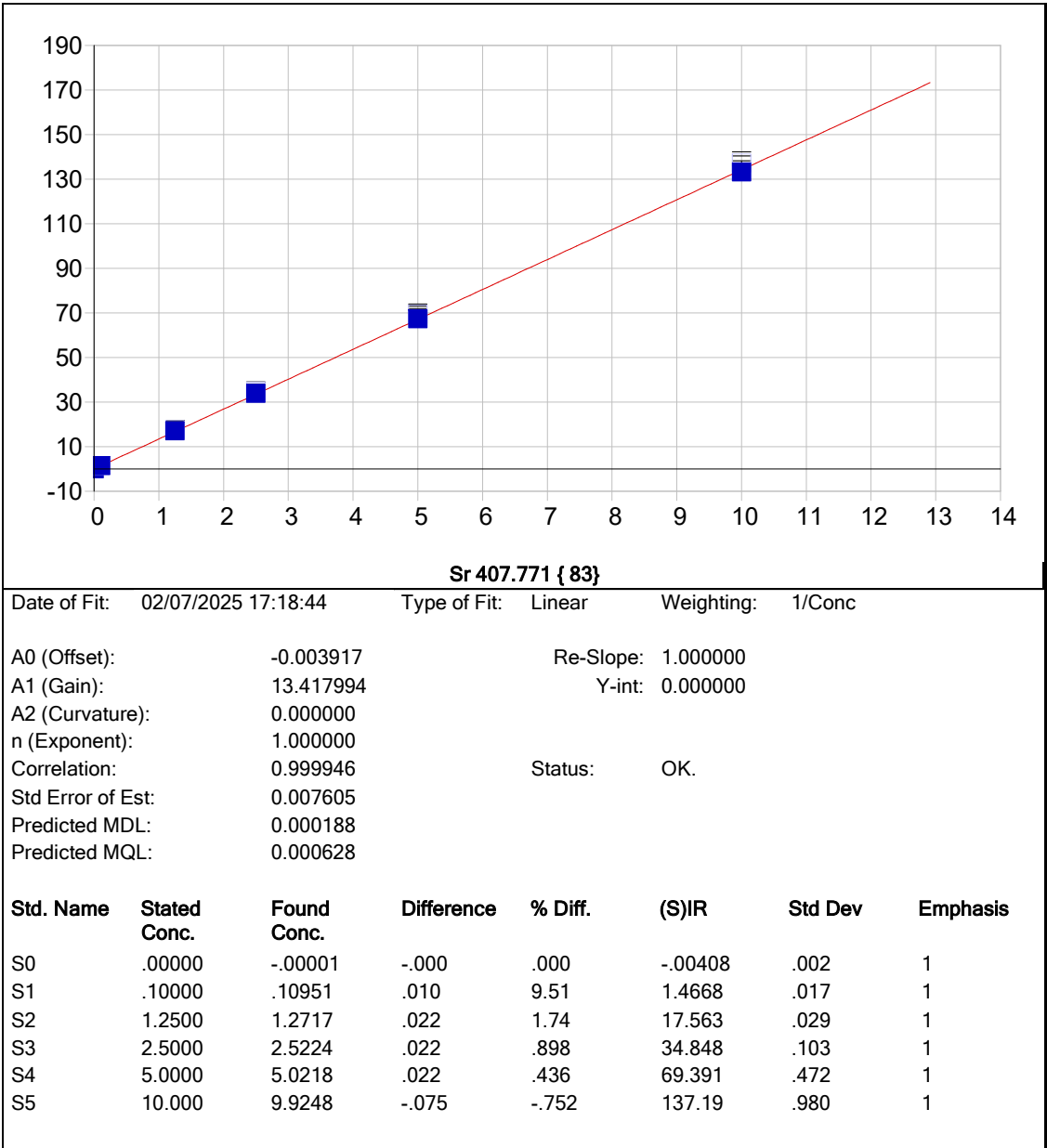






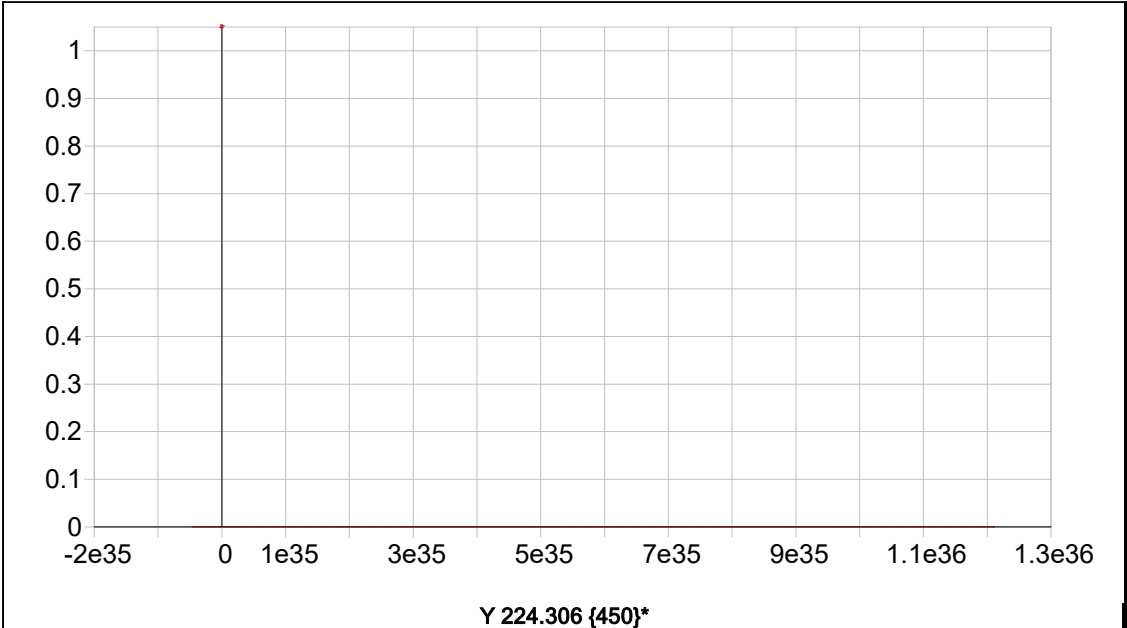






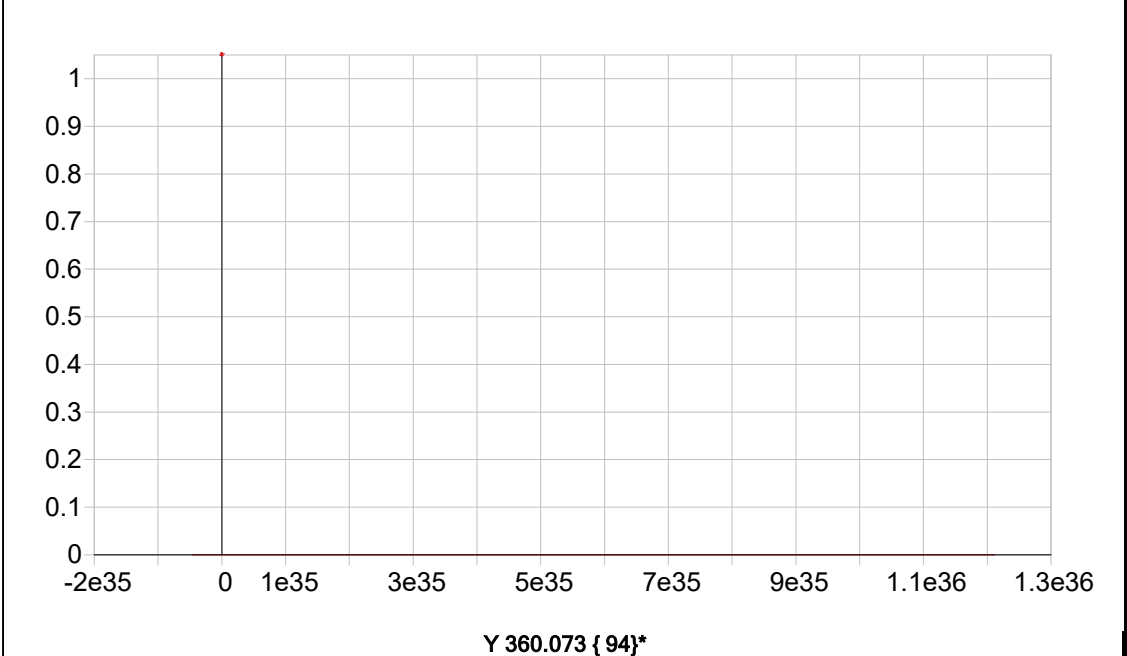
Date of Fit: 02/07/2025 17:18:44 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003917 Re-Slope: 1.000000
A1 (Gain): 13.417994 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999946 Status: OK.
Std Error of Est: 0.007605
Predicted MDL: 0.000188
Predicted MQL: 0.000628

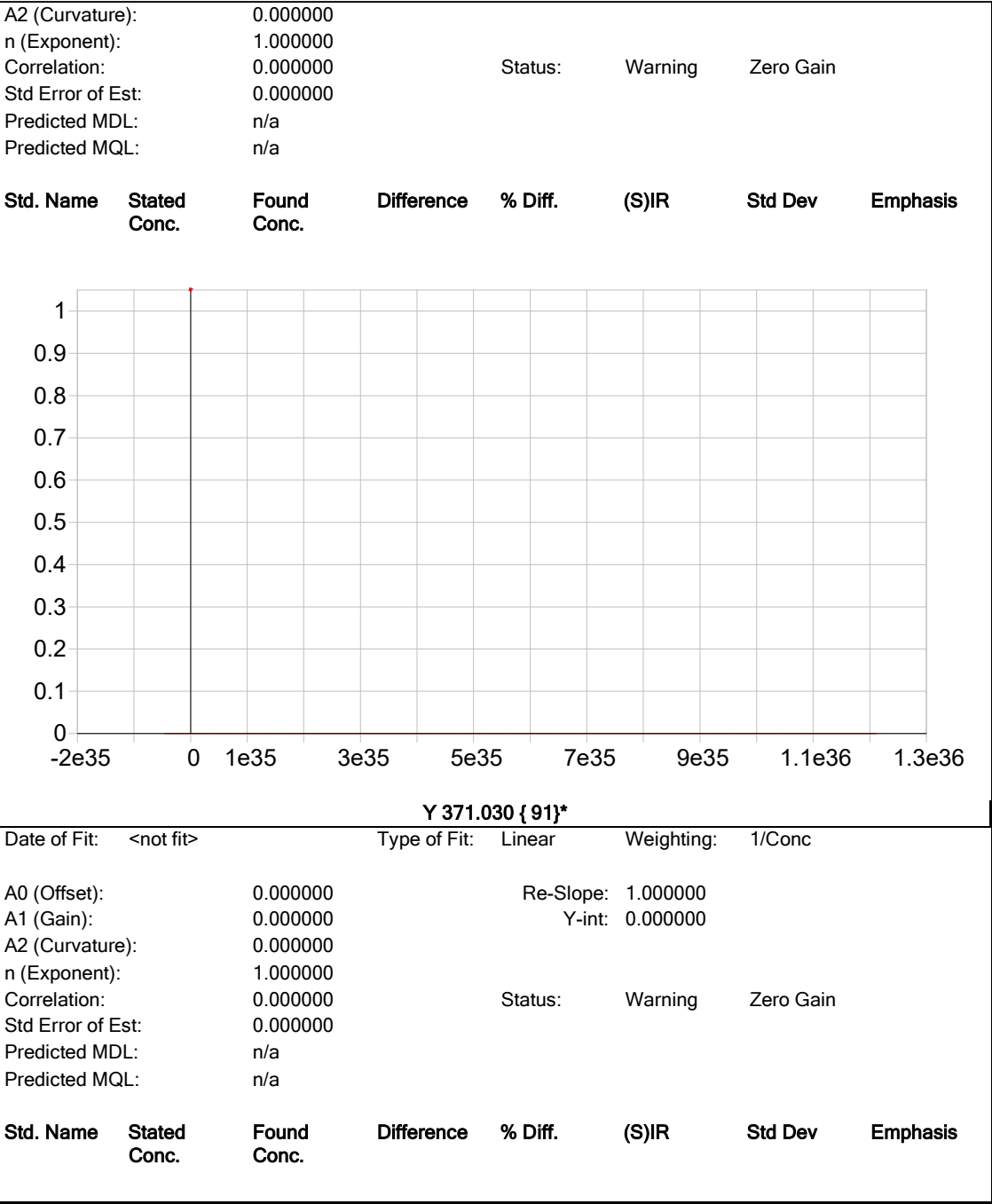


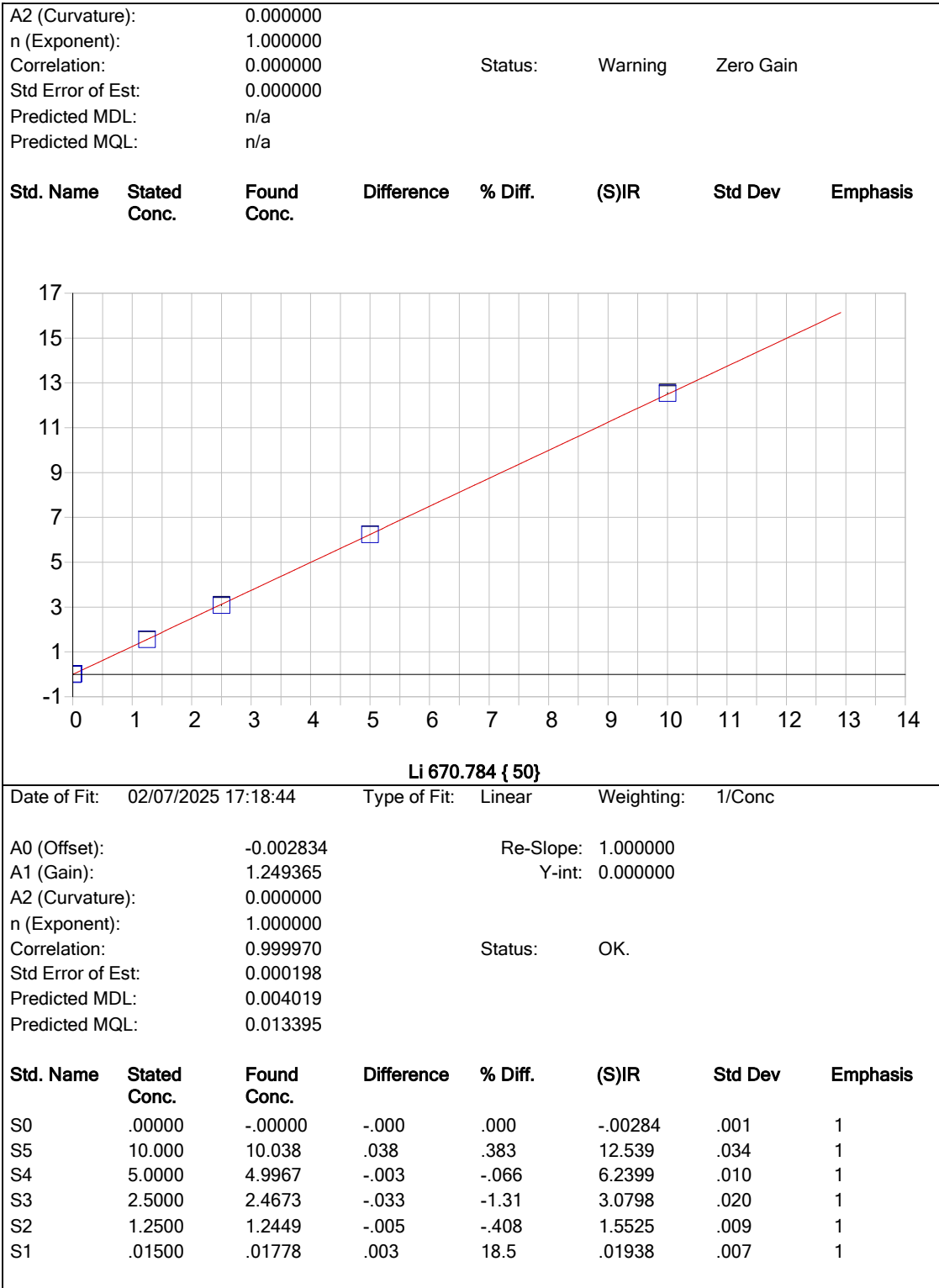
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
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	





Sample Name: S0 Acquired: 02/07/2025 16:55:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.45780	-.00001	-.00000	-.00011	.00030	-.00237	.00913	-.00092
Stddev	.52968	.00009	.00029	.00011	.00033	.00158	.00226	.00149
%RSD	115.70	673.41	7254.3	100.98	110.16	66.658	24.719	161.04

#1	.73094	-.00005	-.00013	-.00003	.00018	-.00109	.00968	-.00219
#2	.79516	-.00008	-.00021	-.00006	.00004	-.00187	.01106	-.00130
#3	-.15270	.00009	.00033	-.00024	.00066	-.00413	.00665	.00072

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00038	.00812	-.00003	.00011	.00319	-.00013	-.00047	-.00026
Stddev	.00019	.00104	.00010	.00038	.00038	.00052	.00040	.00044
%RSD	51.072	12.794	332.12	353.81	11.900	402.59	84.283	167.29

#1	.00027	.00724	.00001	-.00016	.00288	.00027	-.00058	-.00020
#2	.00026	.00927	.00005	-.00006	.00308	.00006	-.00081	-.00073
#3	.00060	.00787	-.00014	.00054	.00362	-.00072	-.00003	.00014

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00037	.00059	-.00507	.00027	-.00048	.30887	-.00191	.00340
Stddev	.00012	.00010	.00339	.00122	.00034	.00375	.00009	.00056
%RSD	32.807	16.199	66.851	452.88	70.268	1.2136	4.9249	16.623

#1	-.00023	.00070	-.00749	.00166	-.00009	.31318	-.00191	.00334
#2	-.00046	.00051	-.00120	-.00064	-.00072	.30712	-.00201	.00399
#3	-.00042	.00058	-.00653	-.00020	-.00063	.30633	-.00182	.00286

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00061	.00017	.01463	.00245	.00068	-.00408	-.00284	
Stddev	.00026	.00011	.00081	.00007	.00088	.00161	.00145	
%RSD	42.553	62.059	5.5115	2.7580	129.55	39.550	51.029	

#1	.00039	.00011	.01501	.00242	.00131	-.00593	-.00378	
#2	.00054	.00030	.01370	.00241	.00106	-.00301	-.00117	
#3	.00090	.00011	.01517	.00253	-.00033	-.00328	-.00357	

Sample Name: S0 Acquired: 02/07/2025 16:55:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4062.6	34692.	3184.7	2942.9	4874.6
Stddev	5.8	110.	14.0	1.0	5.7
%RSD	.14227	.31596	.43913	.03272	.11599
#1	4058.7	34565.	3171.2	2941.9	4874.7
#2	4069.2	34751.	3183.7	2943.7	4880.2
#3	4059.8	34758.	3199.2	2943.3	4868.9

Sample Name: S1 Acquired: 02/07/2025 16:59:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.3087	.00354	.00244	.00253	.00802	.02714	1.0902	.04414
Stddev	.6812	.00008	.00080	.00005	.00030	.00261	.0108	.00080
%RSD	20.588	2.3000	32.898	1.9763	3.6796	9.6301	.99472	1.8165
#1	4.0790	.00359	.00178	.00252	.00799	.03004	1.0956	.04493
#2	2.7857	.00345	.00220	.00259	.00775	.02644	1.0974	.04416
#3	3.0613	.00358	.00333	.00250	.00833	.02495	1.0778	.04333
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02000	.36458	.00346	.04422	.01031	.00383	.01526	.13555
Stddev	.00037	.00477	.00008	.00052	.00162	.00037	.00041	.00127
%RSD	1.8416	1.3092	2.2713	1.1849	15.757	9.6996	2.7106	.93929
#1	.01962	.36504	.00353	.04414	.00955	.00426	.01500	.13698
#2	.02036	.36911	.00348	.04374	.01217	.00357	.01573	.13455
#3	.02001	.35960	.00337	.04478	.00920	.00367	.01503	.13512
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02954	.00273	.04788	.01581	.01023	.44884	-.00145	.00359
Stddev	.00024	.00021	.00710	.00014	.00019	.00616	.00005	.00172
%RSD	.82758	7.7970	14.827	.91233	1.8798	1.3714	3.3886	47.832
#1	.02965	.00285	.04830	.01597	.01006	.45533	-.00145	.00519
#2	.02926	.00249	.05476	.01573	.01020	.44809	-.00140	.00178
#3	.02971	.00286	.04058	.01572	.01044	.44309	-.00150	.00380
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00656	.00448	.58219	.00201	.07006	1.4668	.01938	
Stddev	.00008	.00011	.00968	.00011	.00146	.0175	.00742	
%RSD	1.2947	2.5550	1.6622	5.3547	2.0804	1.1928	38.267	
#1	.00653	.00447	.59182	.00189	.06962	1.4785	.01112	
#2	.00649	.00459	.58228	.00209	.06887	1.4752	.02547	
#3	.00666	.00437	.57247	.00206	.07168	1.4467	.02155	

Sample Name: S1 Acquired: 02/07/2025 16:59:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.5	34291.	3275.4	2932.8	4606.5
Stddev	5.7	113.	47.1	9.8	5.9
%RSD	.14266	.33052	1.4367	.33342	.12734
#1	4015.3	34247.	3238.5	2926.4	4604.9
#2	4025.1	34207.	3259.2	2928.0	4613.0
#3	4015.1	34420.	3328.4	2944.1	4601.6

Sample Name: S2 Acquired: 02/07/2025 17:03:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	343.80	.17340	1.5761	.08900	.16576	4.7274	12.831	1.1075
Stddev	1.34	.00024	.0046	.00022	.00059	.0179	.045	.0057
%RSD	.38966	.13836	.28927	.24776	.35864	.37755	.34945	.51423

#1	344.85	.17325	1.5730	.08885	.16527	4.7386	12.868	1.1128
#2	342.29	.17329	1.5740	.08889	.16558	4.7068	12.781	1.1081
#3	344.27	.17368	1.5813	.08925	.16642	4.7367	12.844	1.1015

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4673	4.3322	1.2006	.53135	.97591	1.5391	3.6135	1.6854
Stddev	.0056	.0254	.0036	.00128	.00406	.0047	.0039	.0057
%RSD	.22570	.58574	.29874	.24143	.41578	.30475	.10706	.33635

#1	2.4638	4.3559	1.1995	.53055	.98024	1.5446	3.6177	1.6919
#2	2.4645	4.3055	1.2045	.53067	.97219	1.5365	3.6126	1.6816
#3	2.4737	4.3353	1.1976	.53283	.97531	1.5363	3.6101	1.6827

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.47027	.06836	.38417	.17073	.63941	1.2808	.08291	1.0915
Stddev	.00080	.00029	.00317	.00019	.00028	.0096	.00010	.0045
%RSD	.17072	.42545	.82461	.11102	.04352	.74691	.11795	.41462

#1	.47099	.06869	.38056	.17077	.63911	1.2912	.08293	1.0947
#2	.46941	.06826	.38650	.17052	.63944	1.2724	.08280	1.0935
#3	.47041	.06813	.38544	.17089	.63967	1.2789	.08300	1.0864

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.70607	.05786	1.4788	.23780	.85474	17.563	1.5525	
Stddev	.00208	.00014	.0147	.00014	.00171	.029	.0094	
%RSD	.29477	.23498	.99074	.06022	.19957	.16679	.60789	

#1	.70524	.05784	1.4849	.23765	.85643	17.595	1.5632	
#2	.70453	.05774	1.4894	.23793	.85302	17.538	1.5454	
#3	.70844	.05801	1.4621	.23780	.85478	17.556	1.5489	

Sample Name: S2 Acquired: 02/07/2025 17:03:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3844.1	33016.	3238.3	2839.0	4055.8
Stddev	4.6	69.	15.0	3.0	6.6
%RSD	.11914	.20916	.46327	.10729	.16172
#1	3848.4	32978.	3221.0	2836.3	4062.7
#2	3844.6	33095.	3247.8	2842.3	4055.0
#3	3839.3	32973.	3246.2	2838.4	4049.7

Sample Name: S3 Acquired: 02/07/2025 17:07:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	660.94	.33696	3.1659	.17678	.33181	9.4226	25.473	2.1927
Stddev	1.44	.00100	.0019	.00014	.00063	.0377	.074	.0090
%RSD	.21716	.29818	.05996	.08187	.19033	.40059	.29184	.41039

#1	659.94	.33801	3.1674	.17694	.33243	9.3818	25.387	2.1861
#2	660.29	.33688	3.1637	.17667	.33117	9.4299	25.508	2.1889
#3	662.58	.33600	3.1664	.17671	.33183	9.4562	25.523	2.2029

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9612	8.5750	2.3885	1.0490	1.9363	3.0190	7.0868	3.3014
Stddev	.0046	.0288	.0033	.0015	.0059	.0055	.0205	.0163
%RSD	.09304	.33525	.13633	.13953	.30582	.18309	.28902	.49302

#1	4.9646	8.5425	2.3853	1.0480	1.9316	3.0130	7.0659	3.2826
#2	4.9560	8.5971	2.3885	1.0484	1.9343	3.0200	7.0878	3.3094
#3	4.9630	8.5853	2.3918	1.0507	1.9429	3.0239	7.1068	3.3121

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.93651	.13606	.76652	.33717	1.2799	2.2372	.17151	2.1479
Stddev	.00217	.00063	.00272	.00199	.0056	.0067	.00007	.0230
%RSD	.23217	.46324	.35454	.59095	.43511	.29971	.04149	1.0708

#1	.93901	.13678	.76678	.33658	1.2752	2.2306	.17159	2.1245
#2	.93510	.13581	.76369	.33553	1.2861	2.2369	.17145	2.1486
#3	.93542	.13560	.76910	.33939	1.2784	2.2440	.17148	2.1705

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.4060	.11776	2.8869	.47041	1.6927	34.848	3.0798	
Stddev	.0019	.00009	.0120	.00110	.0050	.103	.0199	
%RSD	.13880	.07593	.41431	.23299	.29782	.29634	.64755	

#1	1.4064	.11786	2.8763	.47164	1.6869	34.734	3.0570	
#2	1.4039	.11771	2.8845	.46954	1.6954	34.878	3.0941	
#3	1.4077	.11770	2.8999	.47005	1.6959	34.934	3.0882	

Sample Name: S3 Acquired: 02/07/2025 17:07:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.0	31776.	3145.9	2710.9	3832.4
Stddev	7.0	113.	19.8	16.4	6.2
%RSD	.19105	.35691	.62812	.60440	.16106
#1	3683.3	31875.	3168.6	2726.6	3825.9
#2	3695.2	31652.	3136.9	2693.9	3838.2
#3	3682.7	31800.	3132.3	2712.3	3833.0

Sample Name: S4 Acquired: 02/07/2025 17:10:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.8	.65018	6.3047	.35678	.67210	18.922	50.766	4.2833
Stddev	.5	.00070	.0052	.00070	.00062	.050	.078	.0095
%RSD	.04030	.10837	.08301	.19760	.09282	.26339	.15364	.22057
#1	1260.2	.65057	6.3020	.35596	.67156	18.883	50.769	4.2841
#2	1261.2	.65060	6.3107	.35714	.67196	18.978	50.842	4.2734
#3	1261.0	.64937	6.3013	.35722	.67278	18.905	50.686	4.2923

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.8836	16.943	4.7500	2.0672	3.8839	5.9217	13.972	6.5132
Stddev	.0050	.066	.0169	.0010	.0125	.0237	.035	.0206
%RSD	.05010	.38877	.35658	.04992	.32203	.40080	.25115	.31565
#1	9.8781	16.915	4.7448	2.0661	3.8696	5.9142	13.957	6.5030
#2	9.8851	17.018	4.7689	2.0680	3.8889	5.9482	14.013	6.5368
#3	9.8876	16.896	4.7363	2.0675	3.8931	5.9026	13.948	6.4997

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8515	.26953	1.5316	.66880	2.6414	4.1766	.35085	4.1434
Stddev	.0018	.00090	.0032	.00258	.0141	.0186	.00006	.0024
%RSD	.09839	.33222	.20959	.38517	.53346	.44493	.01690	.05708
#1	1.8510	.26850	1.5289	.66854	2.6420	4.1733	.35078	4.1412
#2	1.8536	.27001	1.5351	.67149	2.6552	4.1966	.35088	4.1431
#3	1.8500	.27009	1.5307	.66636	2.6271	4.1599	.35088	4.1459

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.8036	.24032	5.6036	.92833	3.3684	69.391	6.2399	
Stddev	.0027	.00059	.0073	.00015	.0125	.472	.0098	
%RSD	.09765	.24628	.13082	.01612	.37082	.67954	.15707	
#1	2.8005	.23969	5.6044	.92849	3.3606	69.884	6.2287	
#2	2.8047	.24040	5.5959	.92821	3.3828	69.347	6.2440	
#3	2.8057	.24086	5.6105	.92828	3.3618	68.944	6.2470	

Sample Name: S4 Acquired: 02/07/2025 17:10:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.7	30162.	3045.1	2510.4	3576.5
Stddev	1.6	177.	7.7	11.3	2.3
%RSD	.04563	.58600	.25255	.44821	.06473
#1	3461.6	30282.	3052.7	2514.7	3574.9
#2	3462.0	29959.	3037.3	2497.7	3575.4
#3	3464.5	30245.	3045.3	2519.0	3579.1

Sample Name: S5 Acquired: 02/07/2025 17:14:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.4	1.2709	12.588	.75030	1.4093	38.036	100.60	8.4038
Stddev	10.4	.0044	.030	.00299	.0028	.096	.77	.0548
%RSD	.41361	.34660	.23996	.39908	.19701	.25139	.76485	.65249

#1	2502.5	1.2666	12.559	.74801	1.4082	38.105	99.814	8.4666
#2	2496.8	1.2709	12.586	.74921	1.4073	37.927	101.35	8.3653
#3	2516.9	1.2754	12.619	.75369	1.4125	38.076	100.63	8.3796

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.721	33.358	9.3216	4.1196	7.7765	11.661	27.507	12.760
Stddev	.047	.100	.0186	.0113	.0166	.033	.054	.031
%RSD	.23766	.29943	.19909	.27421	.21357	.27960	.19560	.24176

#1	19.678	33.432	9.3387	4.1103	7.7723	11.674	27.536	12.783
#2	19.714	33.244	9.3019	4.1164	7.7623	11.624	27.445	12.725
#3	19.771	33.396	9.3241	4.1322	7.7947	11.686	27.540	12.772

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7142	.55047	3.0739	1.3206	5.5497	8.0363	.72432	7.7803
Stddev	.0095	.00014	.0074	.0068	.0273	.0285	.00174	.0570
%RSD	.25494	.02577	.24098	.51184	.49177	.35527	.23985	.73306

#1	3.7050	.55063	3.0758	1.3240	5.5202	8.0679	.72264	7.8460
#2	3.7138	.55035	3.0657	1.3129	5.5741	8.0123	.72420	7.7428
#3	3.7239	.55044	3.0801	1.3250	5.5547	8.0286	.72611	7.7522

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	5.7576	.50114	10.695	1.8504	6.6868	137.19	12.539	
Stddev	.0116	.00200	.076	.0050	.0082	.98	.034	
%RSD	.20056	.39987	.71085	.27072	.12289	.71449	.26967	

#1	5.7473	.50024	10.782	1.8453	6.6911	136.50	12.525	
#2	5.7555	.49975	10.641	1.8505	6.6773	138.31	12.514	
#3	5.7701	.50344	10.662	1.8553	6.6920	136.77	12.577	

Sample Name: S5 Acquired: 02/07/2025 17:14:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3248.3	29116.	3073.4	2330.7	3407.0
Stddev	9.0	175.	6.6	7.0	9.4
%RSD	.27784	.60229	.21556	.30043	.27635
#1	3257.0	29308.	3067.1	2337.1	3415.9
#2	3239.0	29076.	3080.3	2323.2	3397.2
#3	3249.0	28965.	3072.9	2331.7	3408.1

Sample Name: S6 Acquired: 02/07/2025 17:18:45 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	100.20	53.686	31.305	20.783	8.4818
Stddev	.82	.307	.076	.048	.0301
%RSD	.82067	.57173	.24330	.23109	.35427
#1	100.70	53.384	31.247	20.777	8.4562
#2	99.251	53.998	31.276	20.738	8.4745
#3	100.65	53.677	31.391	20.833	8.5149
Int. Std.	Y_3710				
Units	Cts/S				
Avg	3033.6				
Stddev	14.0				
%RSD	.46240				
#1	3044.0				
#2	3039.1				
#3	3017.7				

Sample Name: ICV004 Acquired: 02/07/2025 17:22:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.101135	1.097695	.9934540	1.007728	.9503270	2.498039
Stddev	.004084	.001714	.0020863	.004735	.0039114	.010654
%RSD	.3709029	.1561849	.2100027	.4698746	.4115801	.4264785
#1	1.100277	1.096028	.9952084	1.012789	.9490265	2.507377
#2	1.105581	1.097604	.9911471	1.003406	.9472316	2.486434
#3	1.097549	1.099453	.9940065	1.006988	.9547229	2.500305
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5354182	.5492018	.4886500	10.40416	.5491053	.5067082
Stddev	.0018692	.0024165	.0005392	.05258	.0006370	.0009781
%RSD	.3491034	.4400017	.1103506	.5054139	.1160081	.1930214
#1	.5369550	.5464586	.4888309	10.43882	.5486826	.5067132
#2	.5333374	.5510157	.4880435	10.43000	.5498380	.5057277
#3	.5359621	.5501312	.4890755	10.34365	.5487954	.5076838
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5284629	10.65608	.5478392	6.152537	.5082119	.2464577
Stddev	.0053762	.02159	.0011249	.029447	.0002274	.0026963
%RSD	1.017330	.2025964	.2053413	.4786200	.0447408	1.094028
#1	.5245216	10.66626	.5490846	6.152534	.5079583	.2434583
#2	.5345873	10.63128	.5468967	6.123091	.5082800	.2486804
#3	.5262799	10.67070	.5475364	6.181985	.5083975	.2472345
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.41053	.5285455	.9014251	9.590357	F .0007198	F .0123448
Stddev	.20710	.0103823	.0025907	.144994	.0012016	.0006828
%RSD	1.989352	1.964322	.2874040	1.511869	166.9390	5.531170
#1	10.43568	.5389934	.9030108	9.670087	.0001120	.0116384
#2	10.60392	.5182300	.8984354	9.422995	.0021039	.0123946
#3	10.19201	.5284131	.9028291	9.677989	-.000057	.0130013

Sample Name: ICV004 Acquired: 02/07/2025 17:22:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000022	F .0065125	F .0035896	F .0015433	F -.001287	F -.009234
Stddev	.000406	.0010247	.0023736	.0010986	.000975	.000074
%RSD	1878.340	15.73488	66.12430	71.18550	75.76949	.7985465
#1	-.000010	.0062372	.0019066	.0028118	-.001830	-.009215
#2	.000379	.0056535	.0025577	.0009199	-.001869	-.009172
#3	-.000433	.0076467	.0063045	.0008982	-.000161	-.009316

Elem	Li6707
Units	ppm
Avg	F .0130627
Stddev	.0023222
%RSD	17.77703
#1	.0103846
#2	.0142873
#3	.0145163

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.531	34249.18	3170.804	2949.375	4484.310
Stddev	15.825	92.99	19.587	4.747	16.048
%RSD	.3961559	.2714985	.6177375	.1609436	.3578798
#1	3991.342	34335.60	3193.248	2947.168	4477.183
#2	4011.708	34261.15	3162.002	2954.824	4502.688
#3	3980.544	34150.78	3157.162	2946.134	4473.060

Sample Name: ICB004 Acquired: 02/07/2025 17:26:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001026	-.000370	.0009336	.0005048	.0007903	-.003467	.0000581
Stddev	.002886	.000267	.0018041	.0007793	.0034132	.024492	.0011606
%RSD	281.3465	72.08732	193.2453	154.3866	431.8711	706.4341	1996.392

#1	.002302	-.000399	.0011521	.0001066	.0007926	-.013718	-.001189
#2	-.002539	-.000090	.0026184	.0014028	.0042024	-.021168	.001106
#3	-.002839	-.000622	-.000970	.0000050	-.002624	.024485	.000258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.000026	-.039252	.0002459	.0000568	-.004139	-.010100
Stddev	.000116	.000051	.005598	.0004100	.0004097	.004137	.016879
%RSD	118.8339	194.6777	14.26216	166.7645	720.7395	99.95951	167.1237

#1	.000033	.000021	-.044946	-.000047	.0000593	.000475	.005937
#2	-.000187	-.000019	-.033755	.000715	-.000354	-.007520	-.027711
#3	-.000139	-.000081	-.039054	.000070	.000465	-.005373	-.008525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004303	-.017619	-.000001	-.000403	-.047209	-.002326	.0013664
Stddev	.0002428	.019199	.000122	.000036	.279504	.002578	.0012811
%RSD	56.42372	108.9689	8845.816	8.882555	592.0575	110.8558	93.75192

#1	.0003754	-.037113	-.000122	-.000433	.181821	-.005302	.0010618
#2	.0002197	-.017016	.000122	-.000364	.035206	-.000865	.0002651
#3	.0006959	.001272	-.000004	-.000413	-.358654	-.000810	.0027724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7601204	-.001066	.0087340	-.000509	-.000560	.0002204	.0011908
Stddev	.3027271	.002077	.0014844	.000166	.003391	.0005814	.0003073
%RSD	39.82621	194.8467	16.99549	32.65308	606.0487	263.7618	25.80663

#1	.4124922	-.003343	.0075874	-.000702	-.004367	-.000200	.0014940
#2	.9657100	.000724	.0104107	-.000415	.002137	.000884	.0008796
#3	.9021590	-.000578	.0082040	-.000412	.000551	-.000022	.0011988

Sample Name: ICB004 Acquired: 02/07/2025 17:26:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0000425	.0000953	.0048080
Stddev	.0013781	.0001451	.0035290
%RSD	3241.149	152.2355	73.39778

#1	.0009110	.0002607	.0018987
#2	-.001546	-.000010	.0037918
#3	.000763	.000035	.0087336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3998.158	34585.84	3121.193	2935.193	4794.349
Stddev	20.626	106.68	14.424	15.205	15.718
%RSD	.5158805	.3084366	.4621470	.5180093	.3278483

#1	4021.074	34574.02	3129.888	2952.334	4811.990
#2	3992.316	34697.94	3104.542	2929.909	4789.223
#3	3981.083	34485.57	3129.149	2923.335	4781.833

Sample Name: ICSA004 Acquired: 02/07/2025 17:30:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003115	-.001097	-.001011	-.024573	.0180399	238.5064
Stddev	.003946	.003556	.001765	.004493	.0041820	.3682
%RSD	126.6851	324.0811	174.6566	18.28445	23.18214	.1543779

#1	-.002146	-.004531	.000518	-.023473	.0152440	238.1233
#2	-.007456	-.001330	-.002943	-.029513	.0160280	238.8576
#3	.000256	.002569	-.000607	-.020731	.0228476	238.5383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074362	.0033527	.0021619	246.5145	.0535009	.0302201
Stddev	.0009354	.0000520	.0001561	.4726	.0006956	.0003498
%RSD	12.57851	1.550883	7.221576	.1917035	1.300235	1.157614

#1	.0069108	.0033046	.0019817	246.3519	.0542048	.0299481
#2	.0068817	.0033456	.0022500	247.0469	.0534840	.0306147
#3	.0085161	.0034079	.0022541	246.1447	.0528139	.0300974

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.020964	101.0896	.0075471	246.5365	.0078558	-.004960
Stddev	.004325	.2620	.0003798	.7474	.0005776	.000866
%RSD	20.63192	.2591915	5.032887	.3031709	7.353144	17.45213

#1	-.016480	100.8170	.0075462	245.9071	.0085152	-.005655
#2	-.021300	101.3395	.0071677	247.3626	.0076133	-.003991
#3	-.025111	101.1123	.0079274	246.3397	.0074389	-.005235

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012968	-.000469	-.035429	-1.05253	.0045864	F .0213639
Stddev	.683975	.003189	.000541	.12483	.0019294	.0014550
%RSD	5274.473	680.1816	1.527148	11.86002	42.06871	6.810308

#1	.604137	-.004031	-.035373	-1.16917	.0023686	.0228958
#2	-.748379	.000505	-.034918	-1.06754	.0055118	.0211955
#3	.105339	.002119	-.035996	-.92087	.0058788	.0200005

Sample Name: ICSA004 Acquired: 02/07/2025 17:30:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033286	.0269738	-.006714	F .0091483	.0019685	.0036677
Stddev	.0003624	.0014192	.001320	.0012113	.0029813	.0006010
%RSD	10.88641	5.261534	19.66555	13.24095	151.4501	16.38637
#1	.0034580	.0259260	-.005891	.0101244	.0043686	.0037988
#2	.0036086	.0285889	-.006014	.0077927	.0029057	.0030119
#3	.0029193	.0264065	-.008237	.0095279	-.001369	.0041922

Elem	Li6707
Units	ppm
Avg	.0130905
Stddev	.0033728
%RSD	25.76533
#1	.0102350
#2	.0122247
#3	.0168119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3699.616	30602.77	3088.468	2679.508	3821.832
Stddev	11.306	55.52	9.956	3.643	8.412
%RSD	.3056125	.1814221	.3223469	.1359725	.2201032
#1	3695.517	30666.56	3097.090	2682.356	3815.669
#2	3690.930	30576.45	3077.572	2680.765	3818.412
#3	3712.400	30565.32	3090.743	2675.402	3831.415

Sample Name: ICSAB004 Acquired: 02/07/2025 17:34:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992639	.1010228	.0500210	.0239608	.5788219	240.5051
Stddev	.0017323	.0010247	.0028574	.0014991	.0025825	1.1838
%RSD	1.745107	1.014365	5.712482	6.256488	.4461714	.4922297

#1	.0977483	.1019940	.0515182	.0239136	.5818037	239.3611
#2	.1011522	.1011226	.0467261	.0224859	.5773603	240.4291
#3	.0988912	.0999518	.0518188	.0254830	.5773016	241.7251

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5322556	.5303174	1.005101	249.4397	.5912604	.5290535
Stddev	.0030303	.0018800	.001449	.9169	.0008392	.0007824
%RSD	.5693237	.3544998	.1441204	.3675818	.1419354	.1478855

#1	.5293830	.5318167	1.004439	248.9149	.5922290	.5294662
#2	.5319616	.5309273	1.004102	248.9058	.5907500	.5281512
#3	.5354221	.5282082	1.006762	250.4985	.5908023	.5295431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057779	102.3463	.5275990	248.3606	1.011740	.2054431
Stddev	.0059758	.5699	.0022187	1.1205	.002161	.0005566
%RSD	1.181501	.5567890	.4205347	.4511515	.2136265	.2709204

#1	.4995320	101.7327	.5257937	247.2397	1.009586	.2059253
#2	.5063610	102.4473	.5269274	248.3614	1.011727	.2048340
#3	.5114408	102.8589	.5300760	249.4807	1.013909	.2055701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4540295	.5190998	.9185870	-2.19889	.0070810	F .0193562
Stddev	.4322005	.0077086	.0158113	.32047	.0013446	.0015315
%RSD	95.19217	1.484995	1.721262	14.57422	18.98908	7.912359

#1	.9129135	.5138291	.9018702	-2.56793	.0086273	.0186735
#2	.3944887	.5279470	.9205884	-1.99070	.0061864	.0182847
#3	.0546863	.5155232	.9333022	-2.03804	.0064292	.0211103

Sample Name: ICSAB004 Acquired: 02/07/2025 17:34:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029400	.0268149	-.005092	F .0088915	.0003023	.0041141
Stddev	.0003573	.0052849	.002030	.0011592	.0028185	.0006346
%RSD	12.15280	19.70898	39.86801	13.03768	932.4900	15.42576
#1	.0033015	.0292333	-.003051	.0099293	.0017716	.0035881
#2	.0025871	.0207535	-.007111	.0076404	.0020824	.0039354
#3	.0029313	.0304579	-.005113	.0091047	-.002947	.0048190

Elem	Li6707
Units	ppm
Avg	.0140430
Stddev	.0046576
%RSD	33.16686
#1	.0113039
#2	.0194208
#3	.0114042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3753.225	31078.11	3108.534	2727.211	3869.075
Stddev	5.066	183.08	10.476	28.194	5.033
%RSD	.1349686	.5890809	.3370044	1.033810	.1300835
#1	3759.070	31277.28	3120.530	2759.330	3874.876
#2	3750.506	31039.90	3101.185	2706.548	3865.869
#3	3750.099	30917.16	3103.888	2715.756	3866.481

Sample Name: CCV007 Acquired: 02/07/2025 17:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.091425	5.019996	25.63127	5.064474	5.128721	406.0626	10.36640
Stddev	.018014	.009194	.03083	.012628	.006724	2.7884	.07325
%RSD	.3538163	.1831436	.1202908	.2493487	.1311091	.6866996	.7066359

#1	5.091140	5.014161	25.59567	5.063695	5.123312	406.6071	10.38251
#2	5.073556	5.015233	25.64912	5.052254	5.126600	403.0421	10.28643
#3	5.109581	5.030594	25.64903	5.077474	5.136249	408.5387	10.43025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187931	2.589674	412.7341	15.82693	2.576668	15.34481	411.8533
Stddev	.0029462	.001741	3.1473	.01394	.002119	.08060	2.7815
%RSD	.5678964	.0672394	.7625525	.0880945	.0822487	.5252451	.6753595

#1	.5200389	2.587665	413.6696	15.83655	2.576317	15.39805	413.2801
#2	.5154287	2.590600	409.2251	15.81094	2.574747	15.25208	408.6479
#3	.5209118	2.590757	415.3076	15.83331	2.578941	15.38429	413.6319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23236	404.6710	2.593584	1.300722	403.3236	2.572860	15.15409
Stddev	.08620	2.6084	.003783	.002527	2.4480	.009102	.05470
%RSD	.5659232	.6445692	.1458459	.1942682	.6069676	.3537541	.3609384

#1	15.26633	405.3293	2.590645	1.301800	404.0424	2.567572	15.16746
#2	15.13435	401.7965	2.597852	1.302531	400.5966	2.567638	15.09395
#3	15.29640	406.8872	2.592254	1.297835	405.3318	2.583369	15.20086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.3260	5.210296	5.006845	5.031377	5.255011	4.841620	5.202495
Stddev	.7291	.011009	.027903	.005306	.011710	.021736	.006160
%RSD	.4694198	.2112842	.5573034	.1054565	.2228296	.4489478	.1184109

#1	155.4419	5.216349	5.013416	5.025260	5.241508	4.846501	5.198534
#2	154.5459	5.197589	4.976242	5.034141	5.261154	4.817858	5.209593
#3	155.9903	5.216950	5.030876	5.034731	5.262370	4.860501	5.199359

Sample Name: CCV007 Acquired: 02/07/2025 17:38:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.123775	4.875045	5.128965
Stddev	.030957	.005385	.024715
%RSD	.6041761	.1104615	.4818783
#1	5.131994	4.869647	5.147613
#2	5.089538	4.875071	5.100932
#3	5.149793	4.880417	5.138350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.159	29193.26	3074.711	2465.258	3432.962
Stddev	9.356	41.76	18.390	9.302	11.036
%RSD	.2765315	.1430433	.5981040	.3773202	.3214862
#1	3386.930	29148.98	3066.188	2463.046	3436.479
#2	3372.507	29231.93	3095.816	2475.467	3420.595
#3	3390.041	29198.86	3062.129	2457.263	3441.810

Sample Name: CCB007 Acquired: 02/07/2025 17:42:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000988	.0011404	.0004283	.0022116	.0002184	.0158241	-.000614
Stddev	.000095	.0005269	.0018700	.0032092	.0018837	.0133563	.000209
%RSD	9.565765	46.20117	436.5892	145.1047	862.3921	84.40467	33.99616

#1	-.001084	.0013570	.0021614	.0032287	-.000259	.0304664	-.000845
#2	-.000985	.0005398	.0006772	-.001383	.002295	.0043087	-.000557
#3	-.000895	.0015246	-.001554	.004789	-.001381	.0126972	-.000439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	.0000925	-.053059	.0004810	.0002238	-.000510	.0218678
Stddev	.000117	.0000886	.012078	.0005787	.0005519	.001453	.0203875
%RSD	115.5199	95.74505	22.76342	120.2944	246.5565	284.9342	93.23049

#1	-.000203	.0000756	-.041124	.0004629	.0008521	.000161	.0267082
#2	.000027	.0001884	-.065275	.0010685	-.000182	-.002177	.0393995
#3	-.000127	.0000137	-.052778	-.000088	.000002	.000486	-.000504

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008330	-.004513	-.000368	-.000892	-.095682	-.000712	-.001856
Stddev	.0001808	.029327	.000358	.000359	.583751	.003865	.001540
%RSD	21.70747	649.8138	97.14756	40.28499	610.0950	542.8661	82.97269

#1	.0007378	-.010217	-.000733	-.000593	-.309974	-.003639	-.000089
#2	.0010416	-.030569	-.000017	-.001290	-.542002	.003669	-.002912
#3	.0007198	.027247	-.000355	-.000793	.564930	-.002166	-.002566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6162161	-.001498	.0086543	-.000336	-.000487	.0026870	.0010402
Stddev	.0567013	.000533	.0019359	.000089	.003076	.0006458	.0011343
%RSD	9.201526	35.58425	22.36965	26.49725	631.0465	24.03539	109.0522

#1	.5773824	-.002058	.0107697	-.000299	-.004037	.0033034	.0000107
#2	.5899821	-.001439	.0082225	-.000437	.001392	.0020153	.0008536
#3	.6812837	-.000997	.0069708	-.000271	.001183	.0027422	.0022563

Sample Name: CCB007 Acquired: 02/07/2025 17:42:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0012769	.0002266	.0049792
Stddev	.0033647	.0002459	.0011990
%RSD	263.5100	108.5322	24.08126
#1	-.000712	.0005085	.0038428
#2	-.000619	.0001153	.0048624
#3	.005162	.0000560	.0062323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4075.474	35270.09	3184.686	3003.242	4870.465
Stddev	14.996	103.53	7.855	10.585	12.340
%RSD	.3679635	.2935408	.2466403	.3524680	.2533703
#1	4092.196	35303.30	3184.245	2992.527	4884.351
#2	4071.007	35154.03	3177.061	3003.506	4866.294
#3	4063.218	35352.94	3192.751	3013.693	4860.751

Sample Name: Q1272-03A Acquired: 02/07/2025 17:46:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000400	.0675044	.0251927	-.006542	.0847275	.1014401
Stddev	.002618	.0006060	.0005984	.002935	.0013081	.0108948
%RSD	653.9209	.8977274	2.375453	44.85864	1.543883	10.74011

#1	-.003320	.0681151	.0246244	-.009260	.0857624	.0897103
#2	.000379	.0669032	.0251364	-.003430	.0851629	.1033674
#3	.001739	.0674951	.0258173	-.006936	.0832572	.1112427

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996814	.0002031	.0028127	201.2825	.0041131	.0353202
Stddev	.013523	.0000295	.0000892	.3465	.0003344	.0002011
%RSD	.6772480	14.51049	3.171775	.1721661	8.131087	.5693019

#1	2.009977	.0001744	.0027272	201.4671	.0044735	.0354079
#2	1.982957	.0002017	.0029052	201.4978	.0038128	.0350902
#3	1.997507	.0002333	.0028057	200.8828	.0040531	.0354625

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0816193	.0419027	4.071527	32.55784	.0110344	.0226704
Stddev	.0027102	.0258242	.020959	.09293	.0002281	.0006406
%RSD	3.320587	61.62896	.5147764	.2854406	2.067646	2.825861

#1	.0813895	.0716780	4.090303	32.66271	.0111658	.0222079
#2	.0844371	.0284171	4.048915	32.52514	.0107710	.0224017
#3	.0790313	.0256131	4.075364	32.48568	.0111666	.0234017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1360.523	.0018780	2.203881	3.524003	.0916208	.2665645
Stddev	9.729	.0030128	.031844	.191907	.0031621	.0025117
%RSD	.7150614	160.4302	1.444924	5.445714	3.451264	.9422320

#1	1368.943	.0053568	2.236268	3.318519	.0900149	.2651840
#2	1349.873	.0001590	2.172608	3.554908	.0895839	.2650460
#3	1362.755	.0001181	2.202766	3.698582	.0952635	.2694637

Sample Name: Q1272-03A Acquired: 02/07/2025 17:46:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHHA2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025045	1.817174	3.380741	-.007744	-.002145	1.432393
Stddev	.0006310	.001976	.030205	.000603	.002164	.008142
%RSD	25.19263	.1087254	.8934536	7.790272	100.8763	.5684120
#1	.0017787	1.819445	3.355700	-.008127	-.004607	1.440459
#2	.0028122	1.816229	3.372236	-.008056	-.001285	1.424177
#3	.0029226	1.815849	3.414287	-.007048	-.000544	1.432544

Elem	Li6707
Units	ppm
Avg	.0126125
Stddev	.0037730
%RSD	29.91488
#1	.0136701
#2	.0157440
#3	.0084236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3741.373	30673.85	3260.312	2746.147	3672.161
Stddev	9.001	218.56	17.952	20.355	7.254
%RSD	.2405823	.7125201	.5506344	.7412101	.1975334
#1	3747.683	30439.80	3254.887	2724.534	3675.919
#2	3745.369	30872.62	3280.351	2764.952	3676.765
#3	3731.065	30709.14	3245.698	2748.954	3663.800

Sample Name: CCV008 Acquired: 02/07/2025 17:50:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.933814	4.942242	25.16975	4.959492	5.059508	406.5578	10.35915
Stddev	.007343	.012293	.00461	.011598	.015477	2.1637	.05941
%RSD	.1488375	.2487341	.0183201	.2338623	.3059041	.5321884	.5734723

#1	4.936657	4.952122	25.17041	4.967933	5.065650	405.0394	10.33220
#2	4.925474	4.928475	25.16484	4.946267	5.041902	409.0352	10.42725
#3	4.939311	4.946127	25.17399	4.964275	5.070971	405.5989	10.31799

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5147304	2.542276	411.6976	15.74785	2.538679	15.38440	410.7677
Stddev	.0018889	.001114	2.0681	.03596	.002018	.08438	1.7209
%RSD	.3669696	.0438020	.5023282	.2283693	.0795090	.5484993	.4189421

#1	.5128407	2.543445	410.2876	15.77309	2.539460	15.34938	409.7710
#2	.5166185	2.541228	414.0717	15.76380	2.536387	15.48066	412.7548
#3	.5147322	2.542154	410.7336	15.70667	2.540190	15.32317	409.7772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18426	405.1349	2.546364	1.286188	404.2907	2.552800	15.06400
Stddev	.07471	1.3860	.003314	.002792	2.2398	.011006	.06373
%RSD	.4920038	.3421126	.1301276	.2170959	.5540148	.4311447	.4230542

#1	15.12184	404.0407	2.550185	1.289303	402.4642	2.543223	15.09441
#2	15.26703	406.6934	2.544270	1.285351	406.7898	2.564824	15.10682
#3	15.16390	404.6705	2.544638	1.283909	403.6182	2.550354	14.99076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1359	5.091336	5.012351	4.982372	5.119499	4.830296	5.095979
Stddev	.8653	.009426	.026818	.010036	.011474	.017080	.008514
%RSD	.5613897	.1851418	.5350467	.2014257	.2241300	.3535934	.1670650

#1	153.1739	5.101963	4.988862	4.983984	5.129297	4.811779	5.086207
#2	154.8508	5.088058	5.041572	4.971628	5.106876	4.845432	5.101790
#3	154.3829	5.083985	5.006619	4.991505	5.122324	4.833678	5.099941

Sample Name: CCV008 Acquired: 02/07/2025 17:50:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.131098	4.856075	5.186967
Stddev	.034996	.025132	.034509
%RSD	.6820321	.5175378	.6653017
#1	5.110836	4.831865	5.159972
#2	5.171507	4.882037	5.225848
#3	5.110950	4.854324	5.175082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3335.512	28717.97	3007.627	2406.423	3398.387
Stddev	3.824	122.03	11.022	9.689	1.605
%RSD	.1146375	.4249236	.3664739	.4026282	.0472409
#1	3336.663	28616.98	3016.259	2400.220	3398.615
#2	3338.627	28683.36	2995.211	2401.461	3396.680
#3	3331.244	28853.56	3011.409	2417.588	3399.867

Sample Name: CCB008 Acquired: 02/07/2025 17:54:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001944	.0019105	.0005711	.0043518	-.000528	.0078156
Stddev	.004787	.0012592	.0005223	.0003770	.002188	.0315031
%RSD	246.1709	65.90810	91.44864	8.662579	414.6858	403.0791

#1	-.002270	.0018019	.0000666	.0043740	-.002105	-.026023
#2	.002997	.0032204	.0011094	.0039642	.001970	.036295
#3	-.006560	.0007091	.0005373	.0047171	-.001448	.013175

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000090	-.000072	-.000010	-.003402	.0010960	.0002944
Stddev	.000362	.000077	.000022	.018150	.0003348	.0004250
%RSD	402.4372	107.5339	214.2347	533.5575	30.54384	144.3682

#1	.000296	.000000	-.000036	.017555	.0007133	.0000018
#2	-.000143	-.000154	-.000001	-.013725	.0013347	.0000995
#3	-.000423	-.000063	.000006	-.014035	.0012400	.0007819

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002341	-.002591	.0009323	-.052248	-.000052	-.000256
Stddev	.003146	.017567	.0005960	.009087	.000405	.000824
%RSD	134.4049	677.9947	63.92513	17.39169	771.8787	322.1410

#1	-.004577	.017646	.0007380	-.042530	.000004	.000006
#2	-.003703	-.011502	.0016012	-.060534	.000322	-.001179
#3	.001257	-.013916	.0004577	-.053680	-.000483	.000406

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302343	.0005362	-.000631	.7938617	-.000116	.0112860
Stddev	.0920278	.0041953	.001100	.1427607	.001100	.0015758
%RSD	304.3817	782.3594	174.3503	17.98307	948.5062	13.96226

#1	.0612700	-.004289	.000398	.6317685	-.001163	.0130430
#2	-.073299	.002576	-.001791	.9008882	-.000216	.0099978
#3	.102732	.003322	-.000500	.8489284	.001031	.0108172

Sample Name: CCB008 Acquired: 02/07/2025 17:54:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v135) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000476	.0009103	-.000287	-.000003	-.001737	.0003500
Stddev	.0001115	.0024279	.001414	.000263	.000947	.0000840
%RSD	234.2192	266.7020	492.0557	9695.307	54.53702	23.99265
#1	.0001601	-.001879	-.001360	-.000297	-.000963	.0002623
#2	.0000457	.002546	-.000817	.000210	-.002793	.0003580
#3	-.000063	.002064	.001315	.000079	-.001454	.0004297

Elem	Li6707
Units	ppm
Avg	F .0166780
Stddev	.0032156
%RSD	19.28041
#1	.0203865
#2	.0149832
#3	.0146643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4061.150	34889.69	3161.368	2952.270	4862.059
Stddev	11.735	121.14	21.394	13.650	9.878
%RSD	.2889556	.3472137	.6767303	.4623612	.2031573
#1	4047.737	34886.33	3152.097	2961.559	4851.016
#2	4069.520	35012.48	3146.173	2958.654	4865.110
#3	4066.193	34770.26	3185.833	2936.598	4870.052