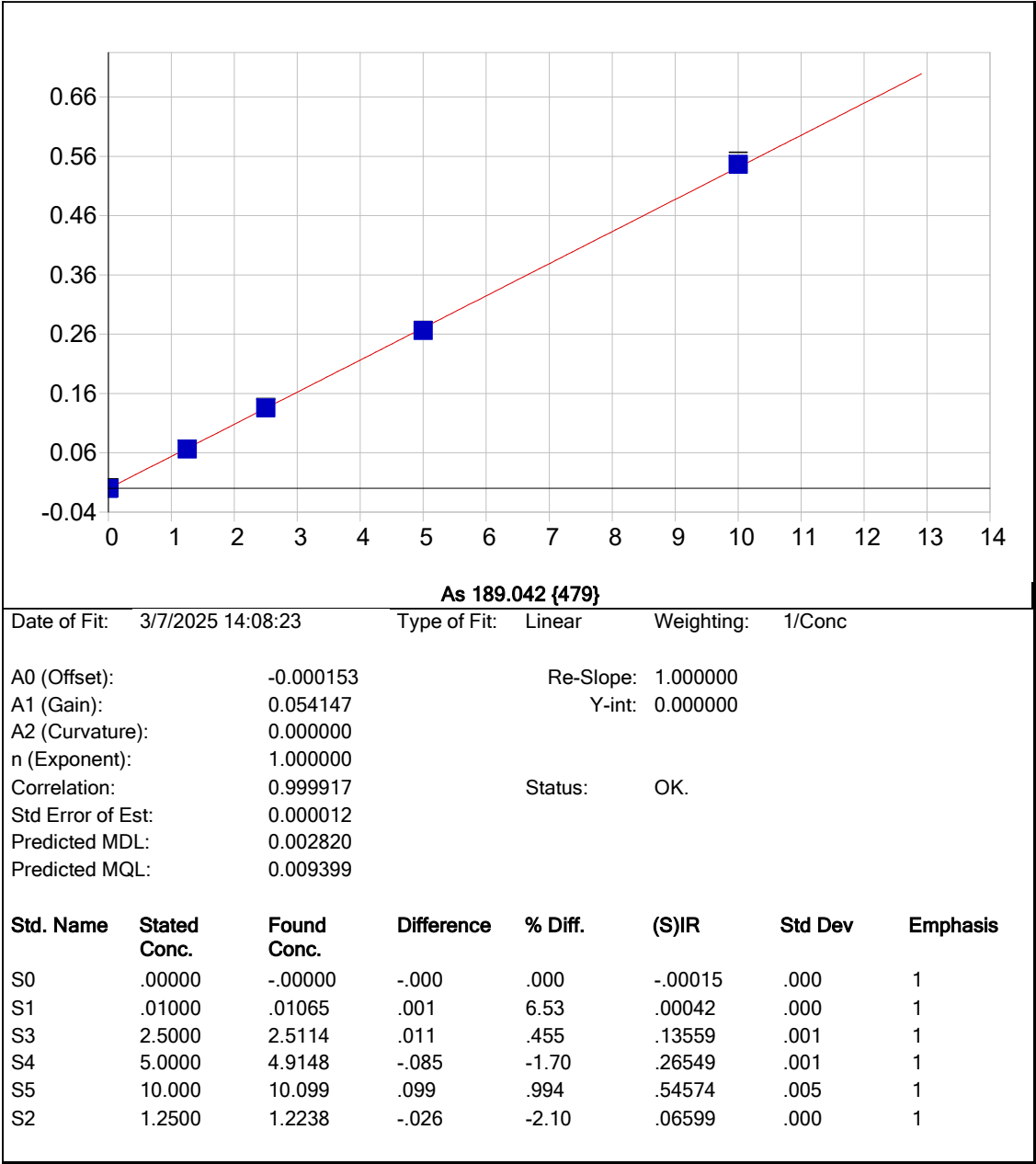
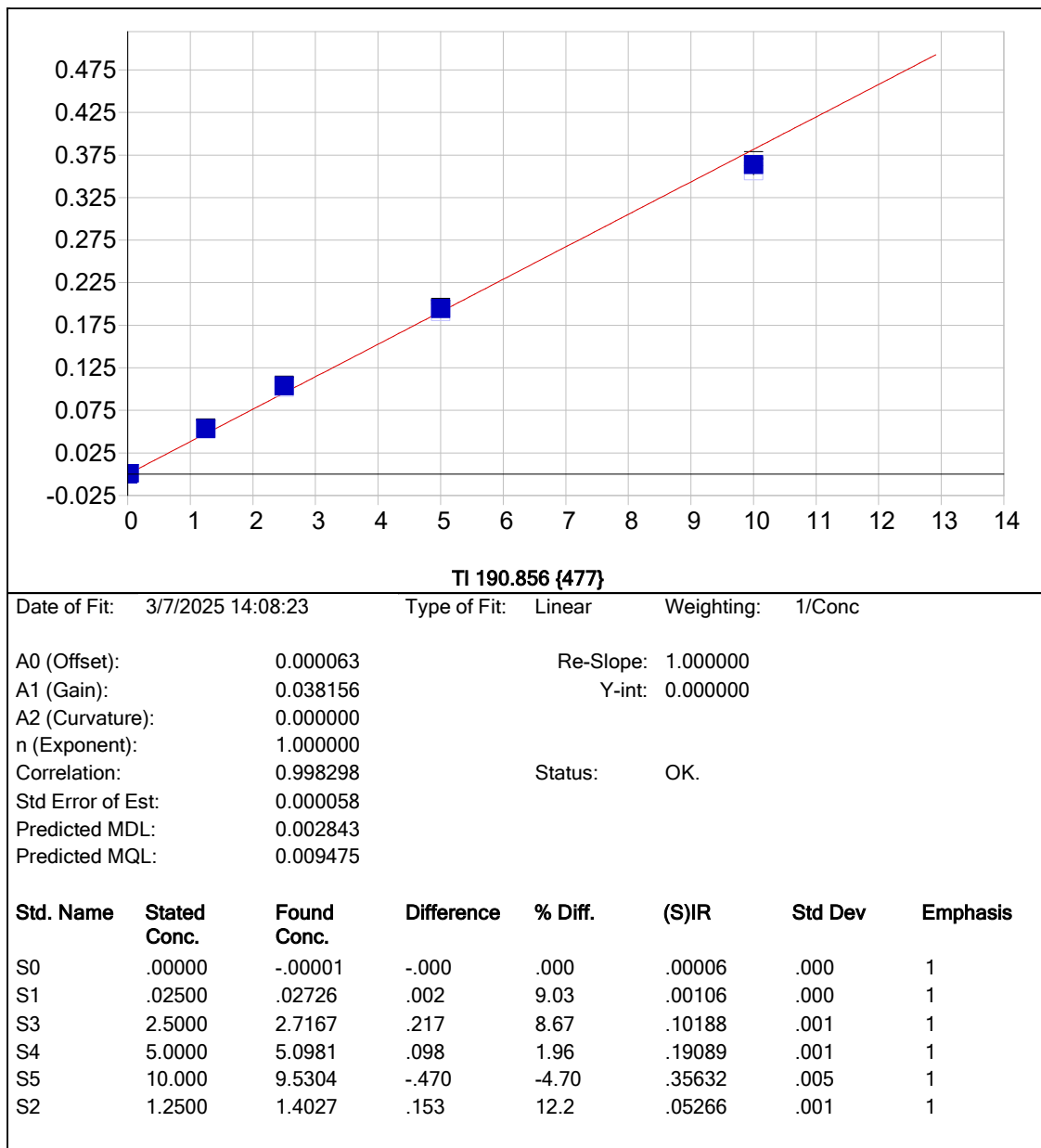
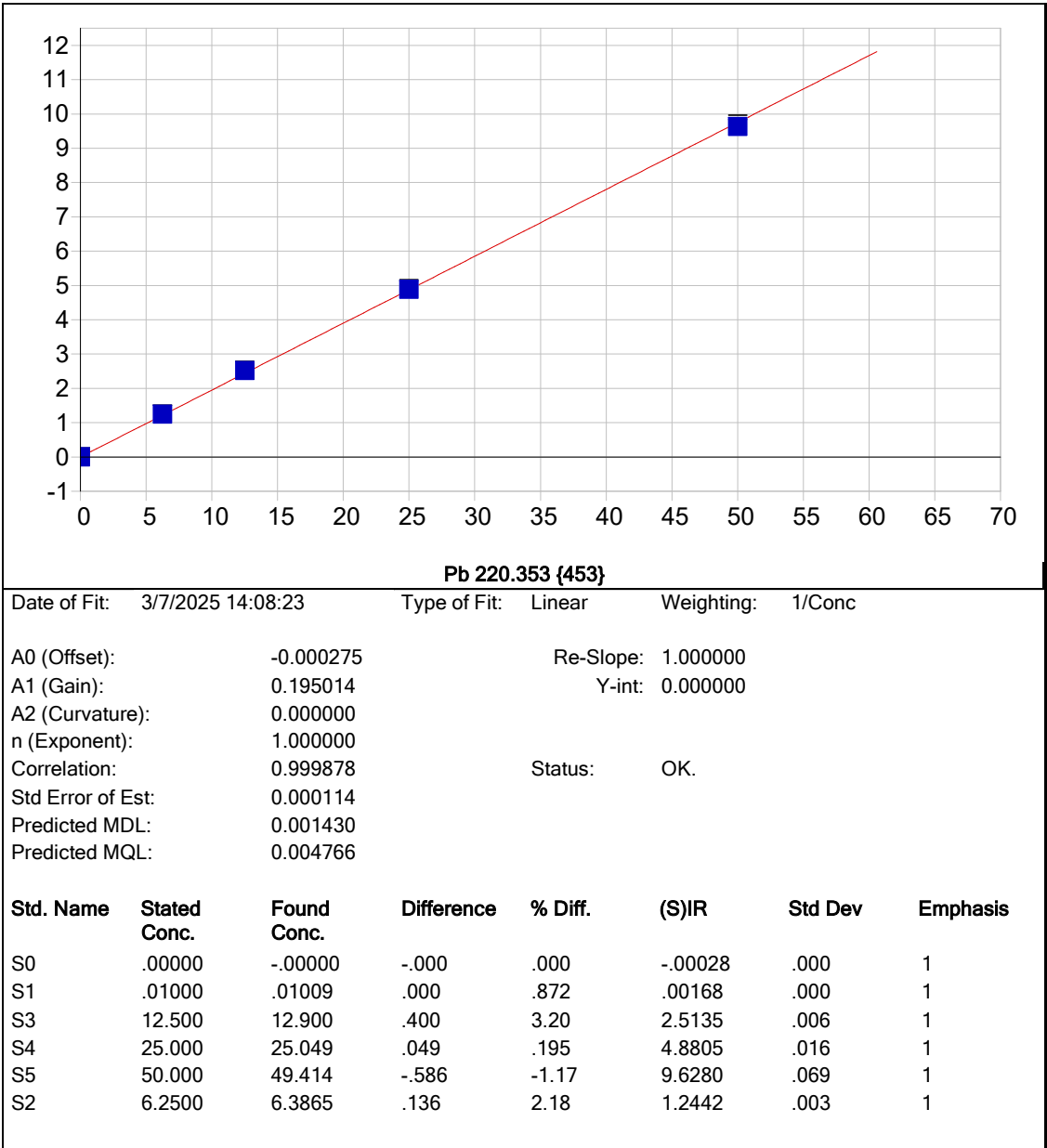


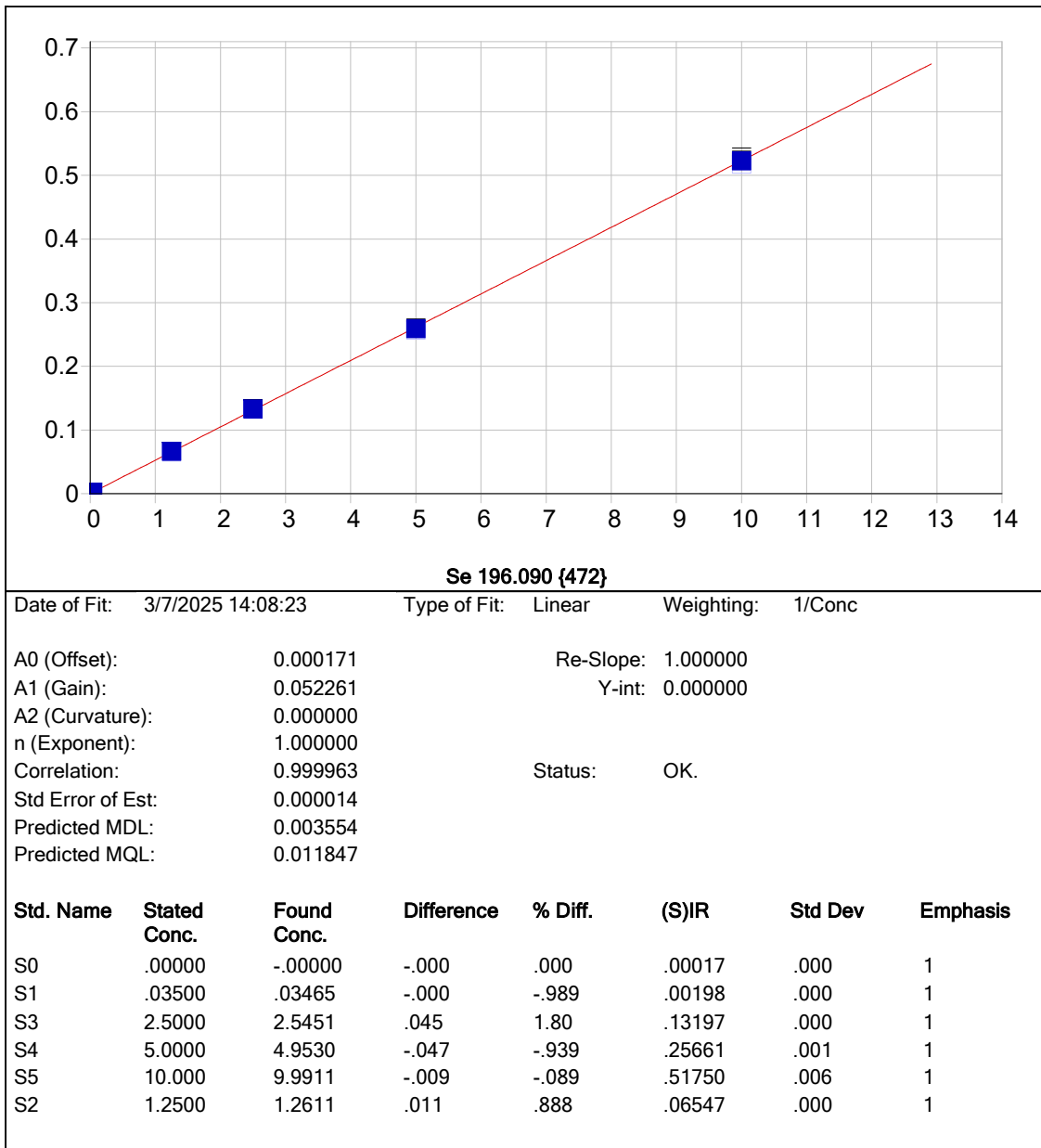


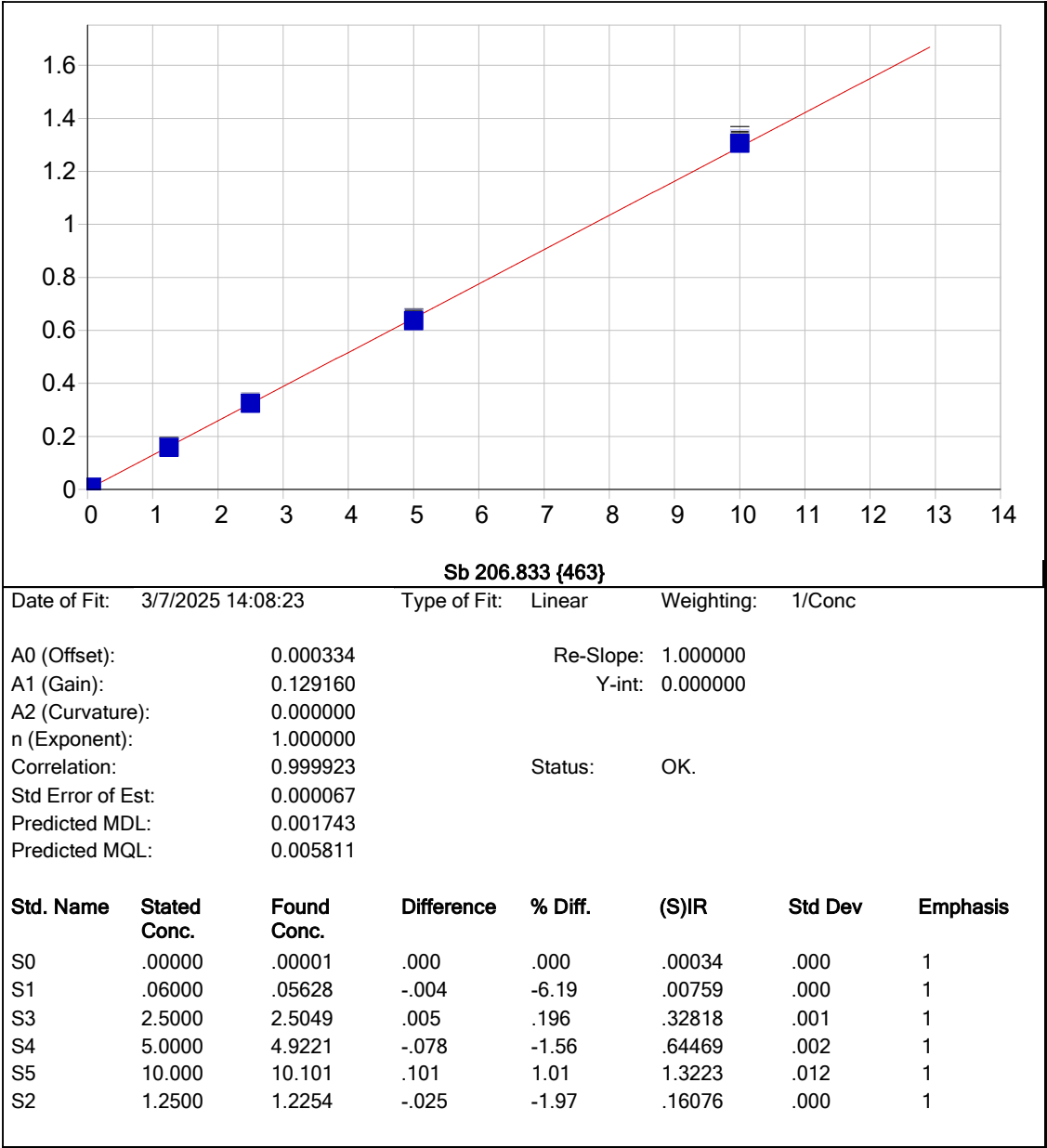


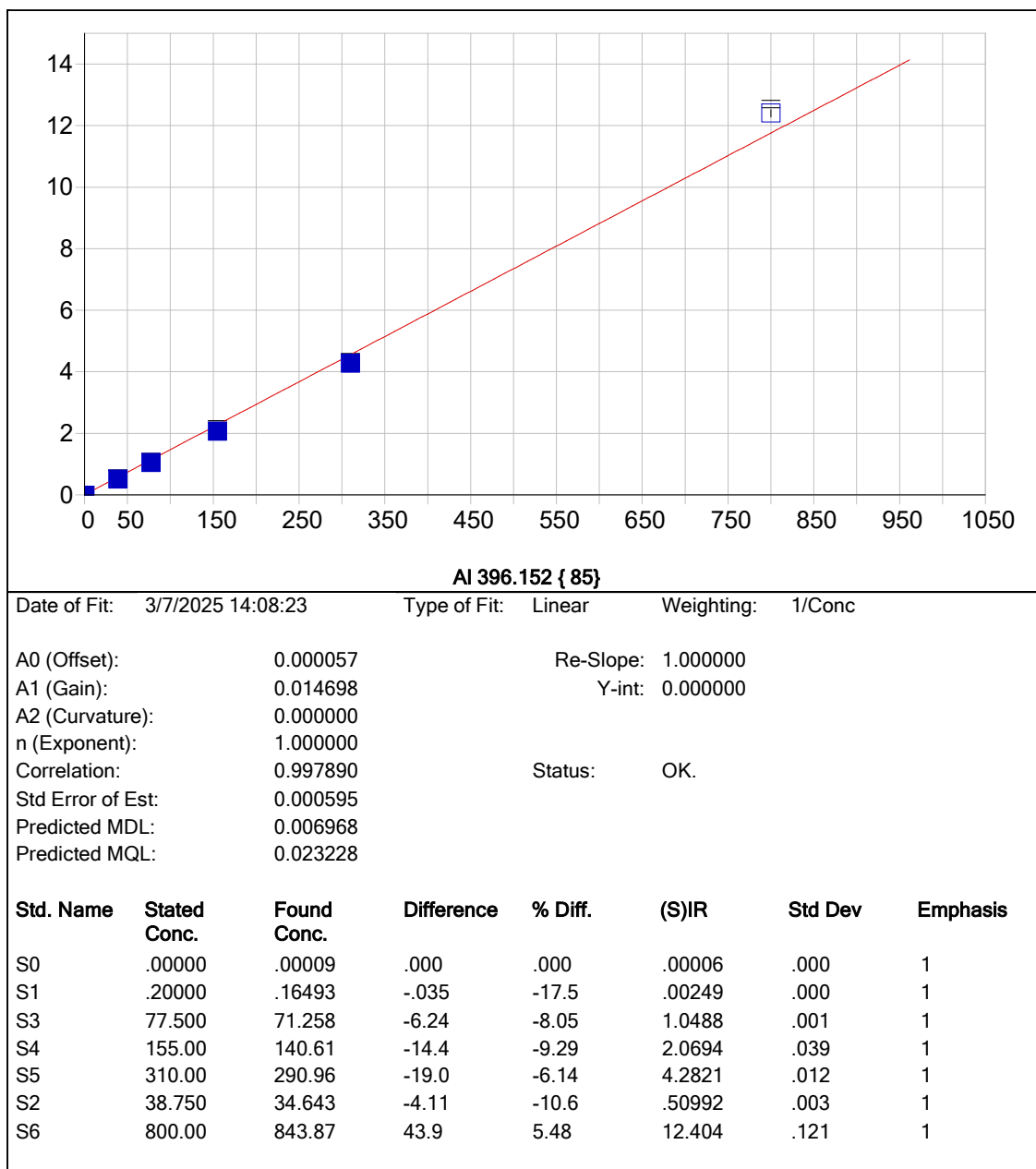


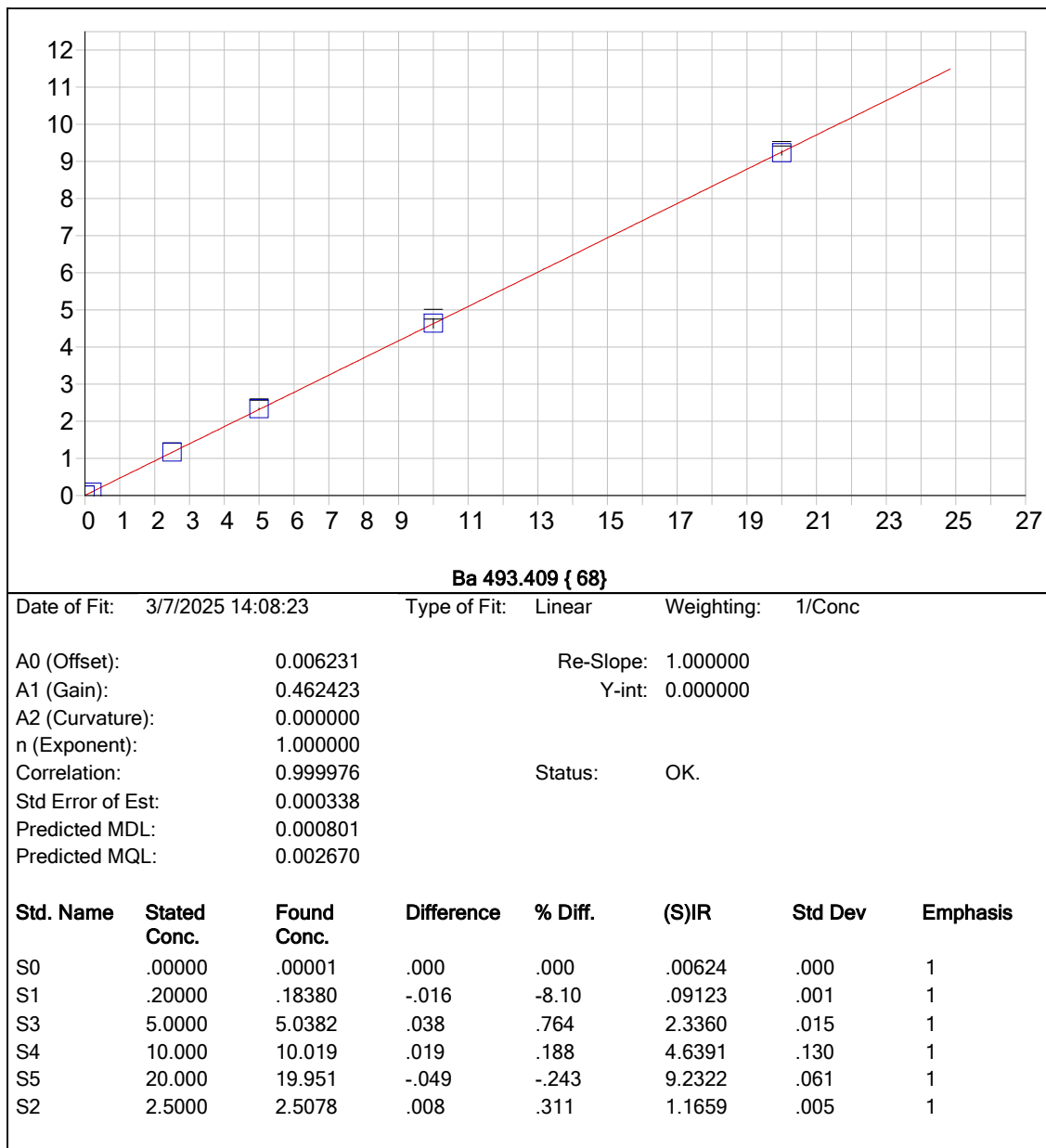
Date of Fit: 3/7/2025 14:08:23 Type of Fit: Linear Weighting: 1/Conc

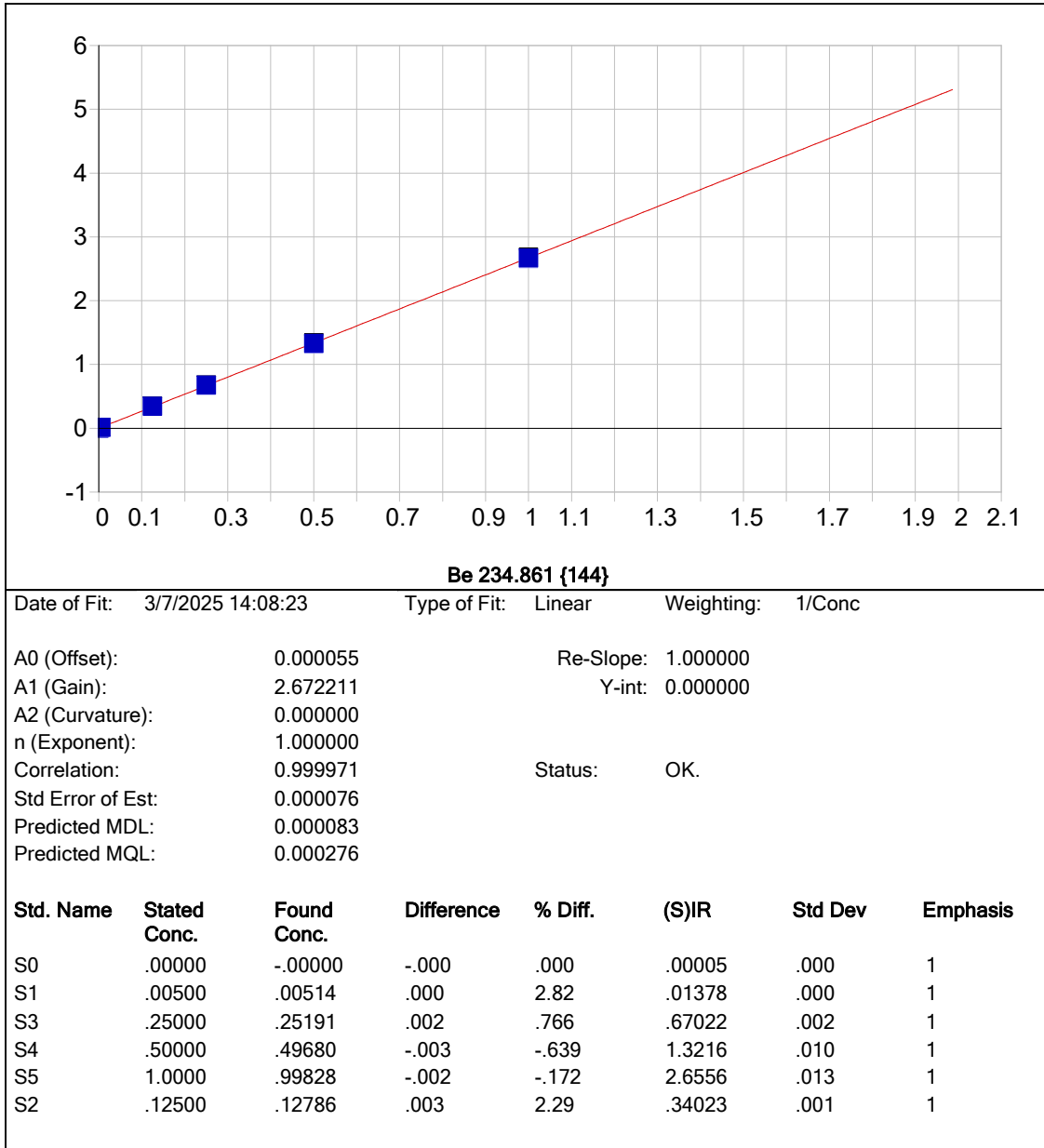
A0 (Offset): -0.000275 Re-Slope: 1.000000
A1 (Gain): 0.195014 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999878 Status: OK.
Std Error of Est: 0.000114
Predicted MDL: 0.001430
Predicted MQL: 0.004766

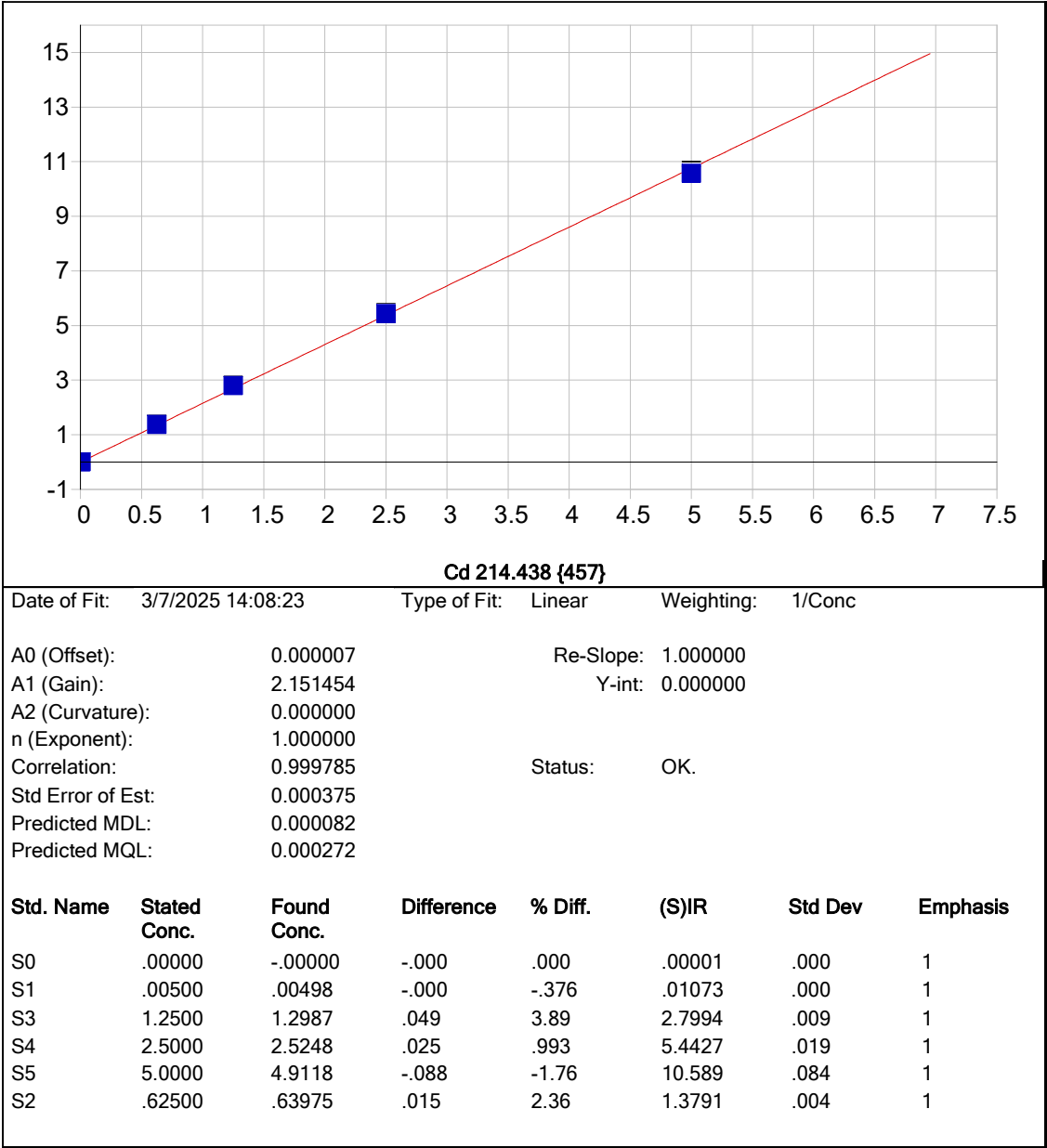


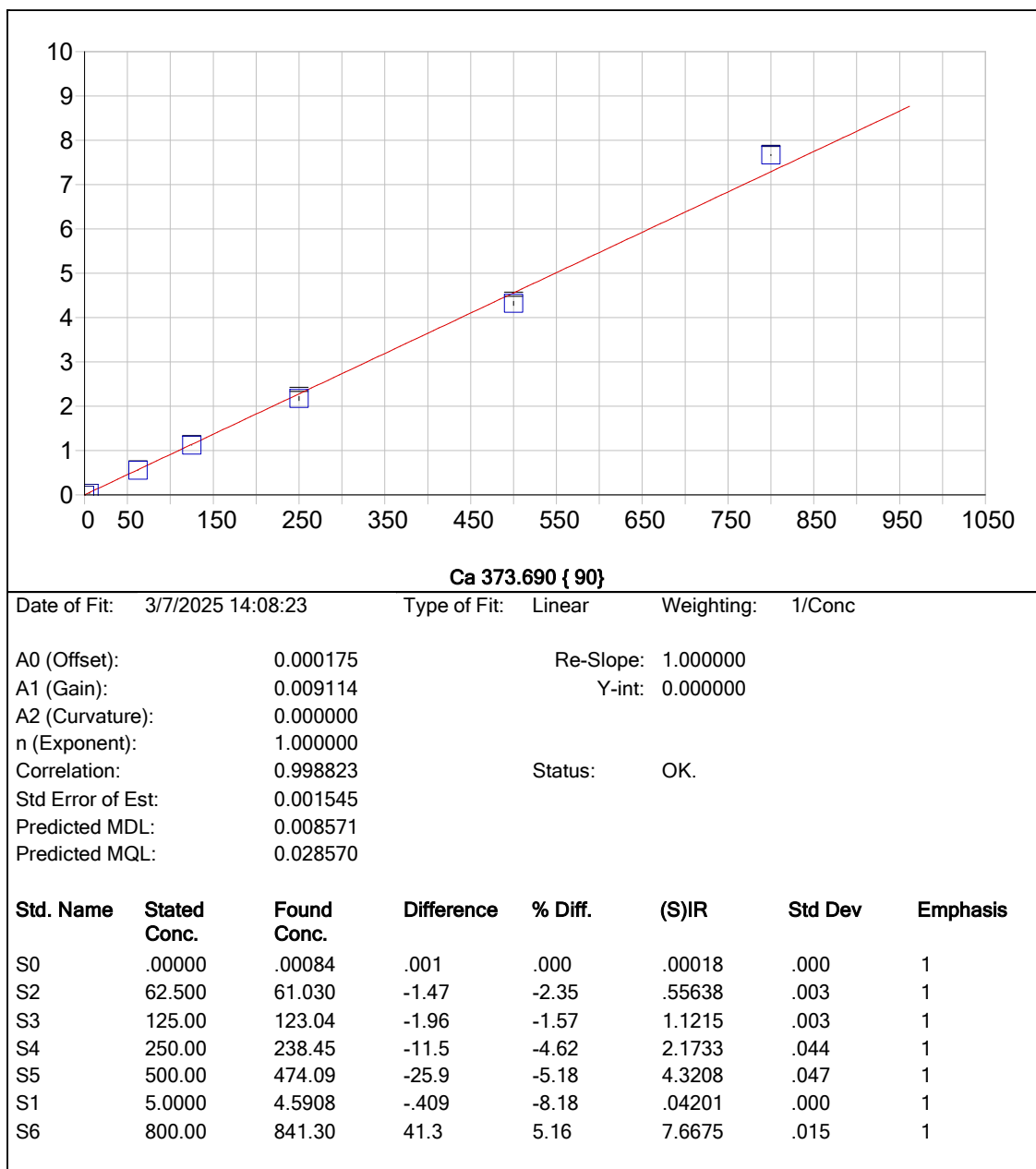


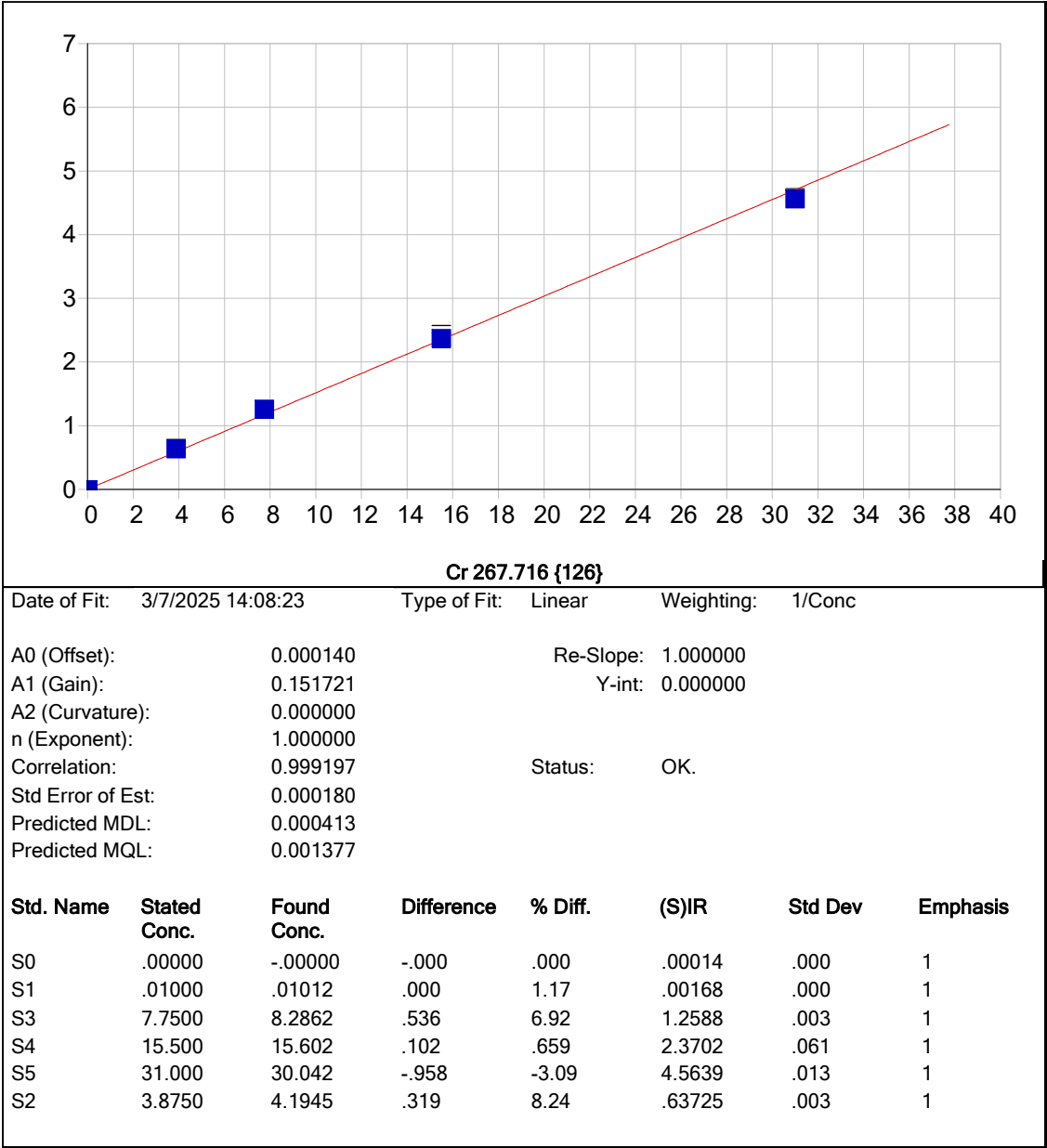


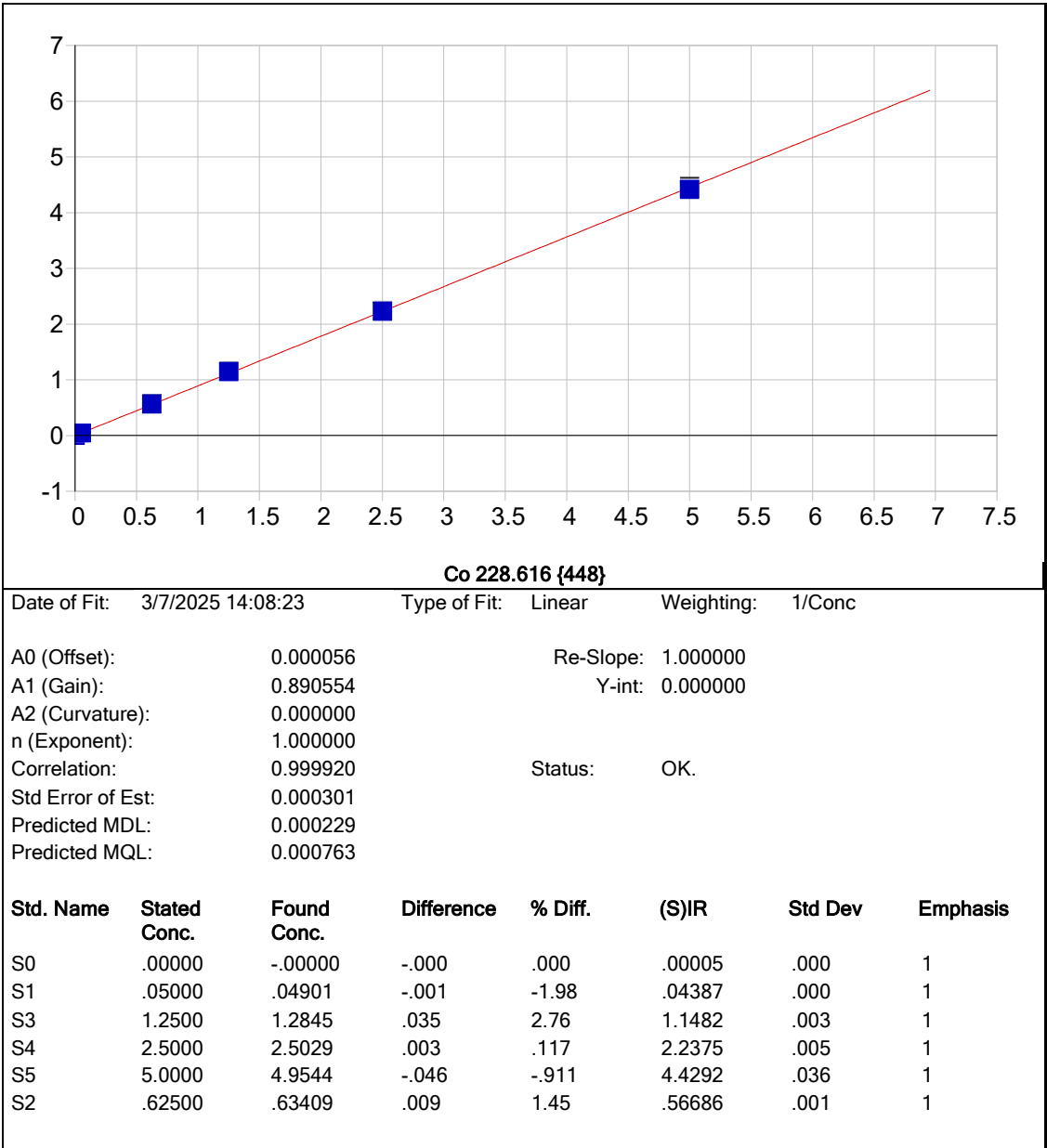


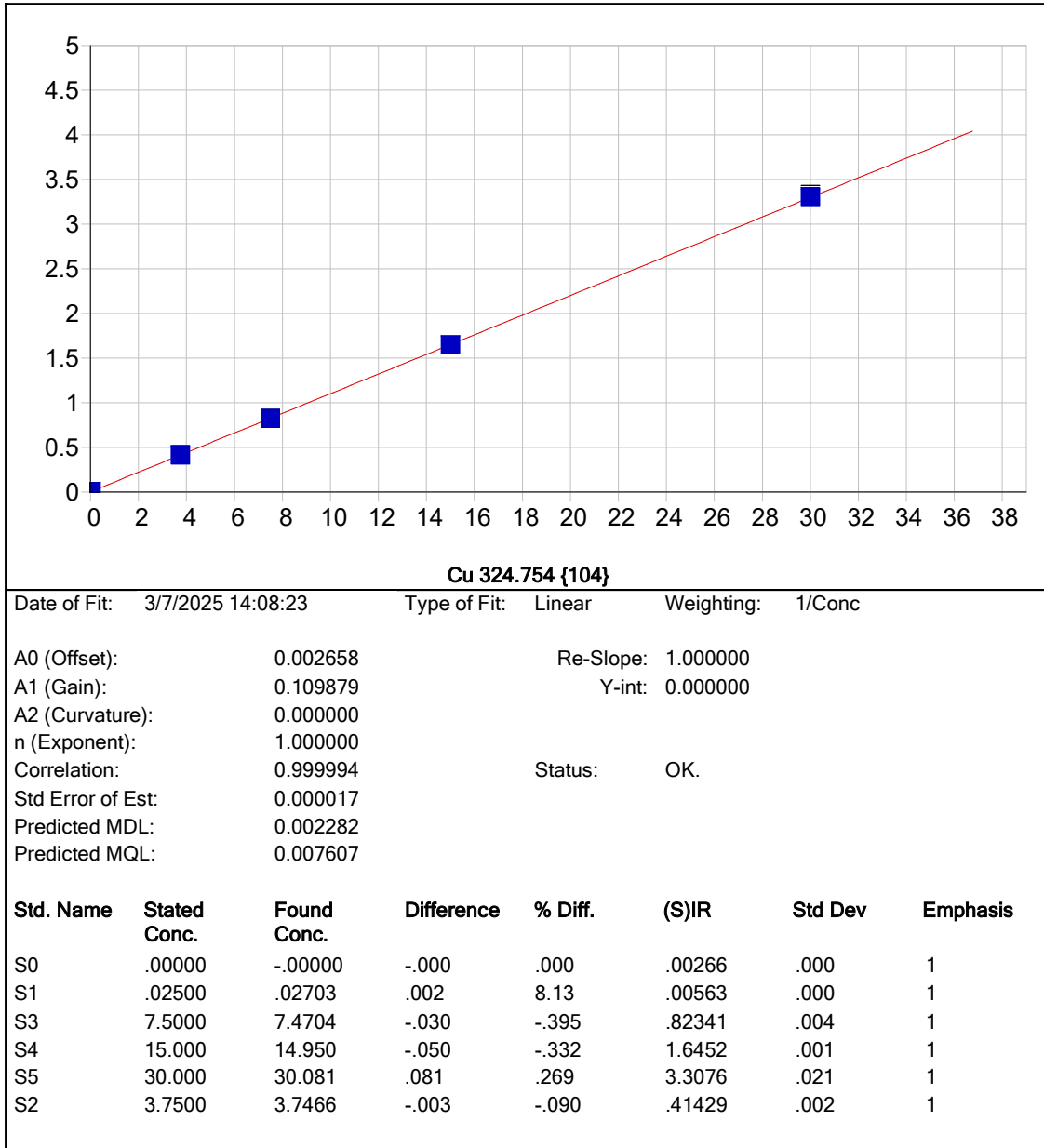


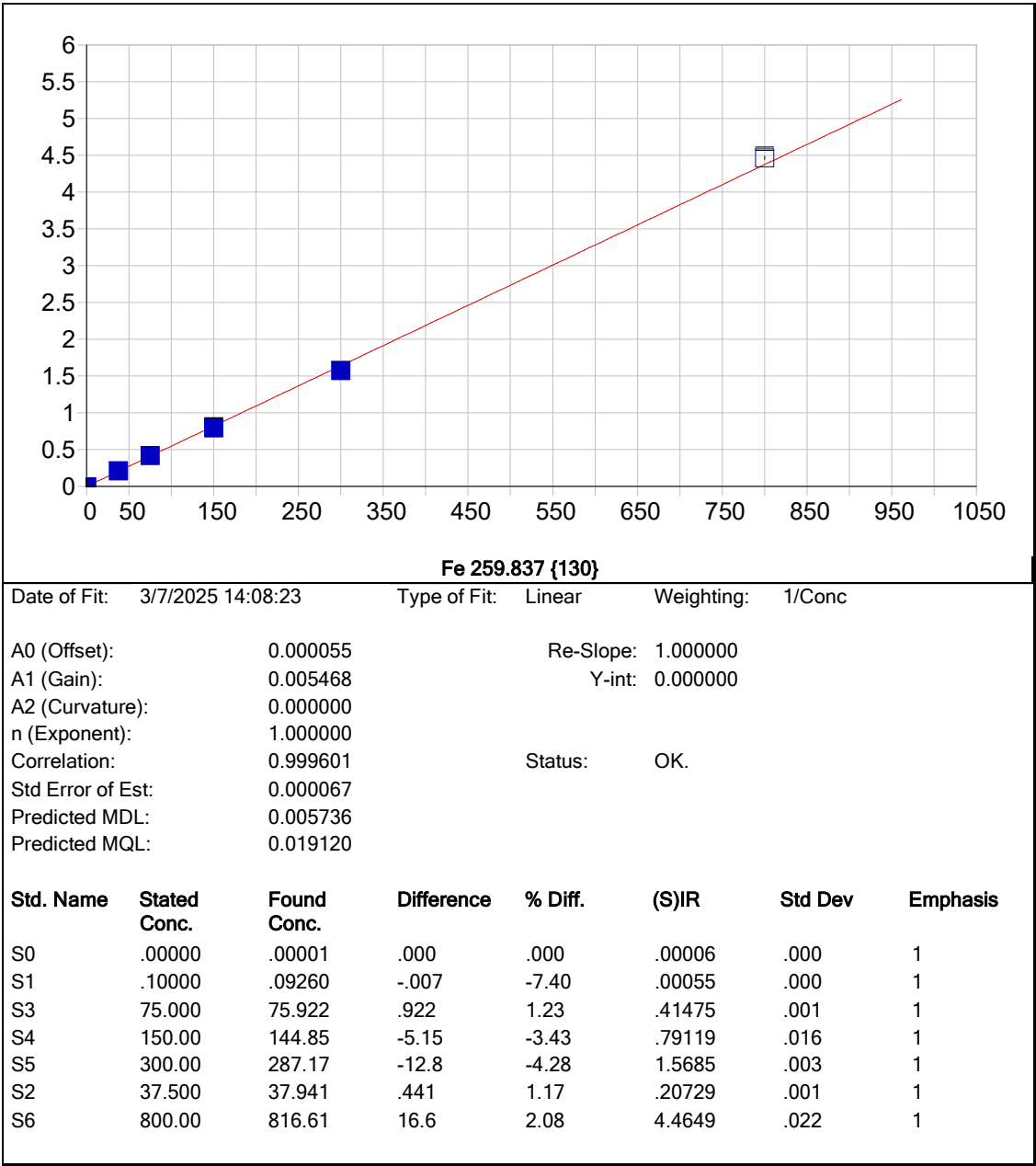


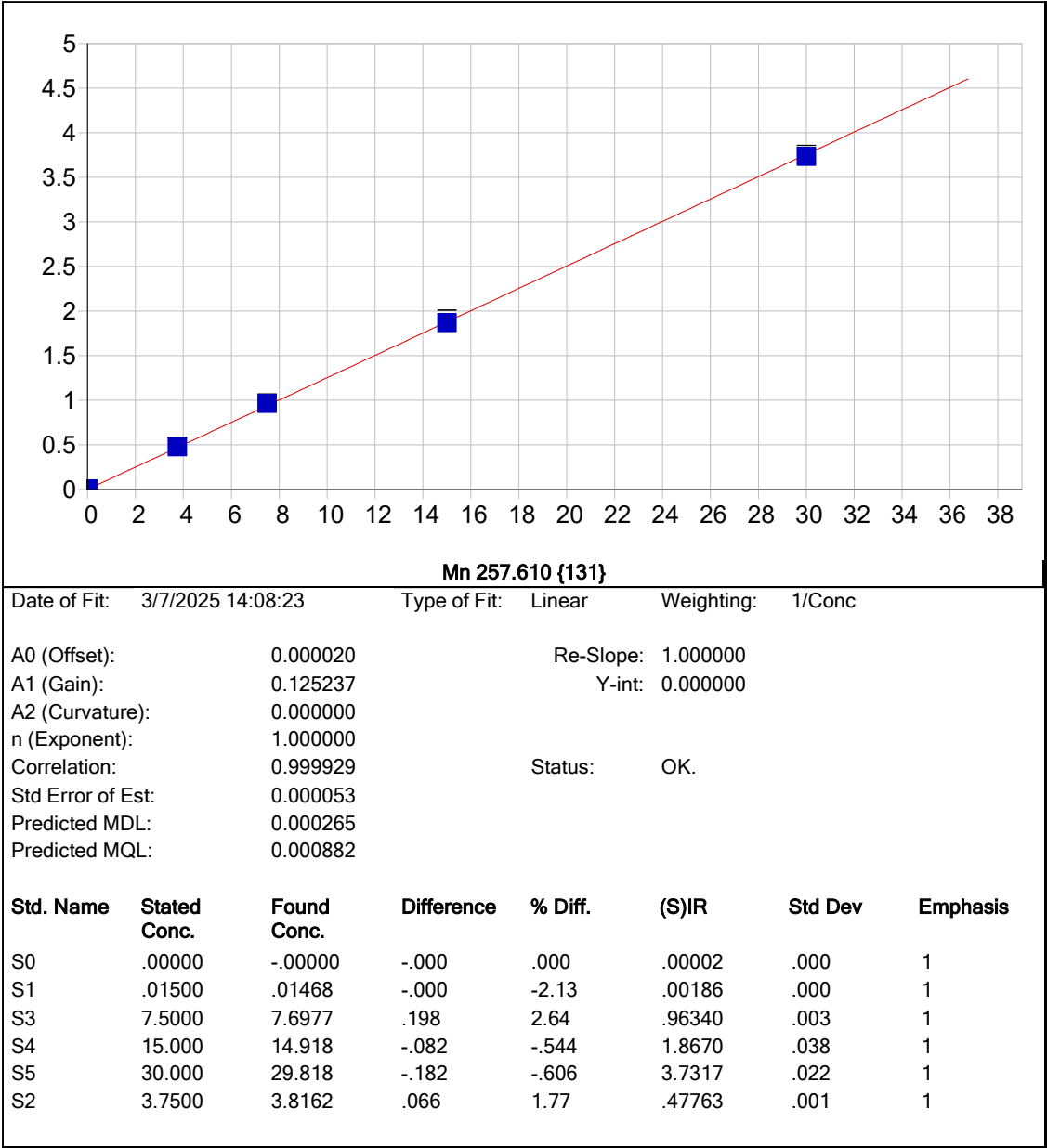


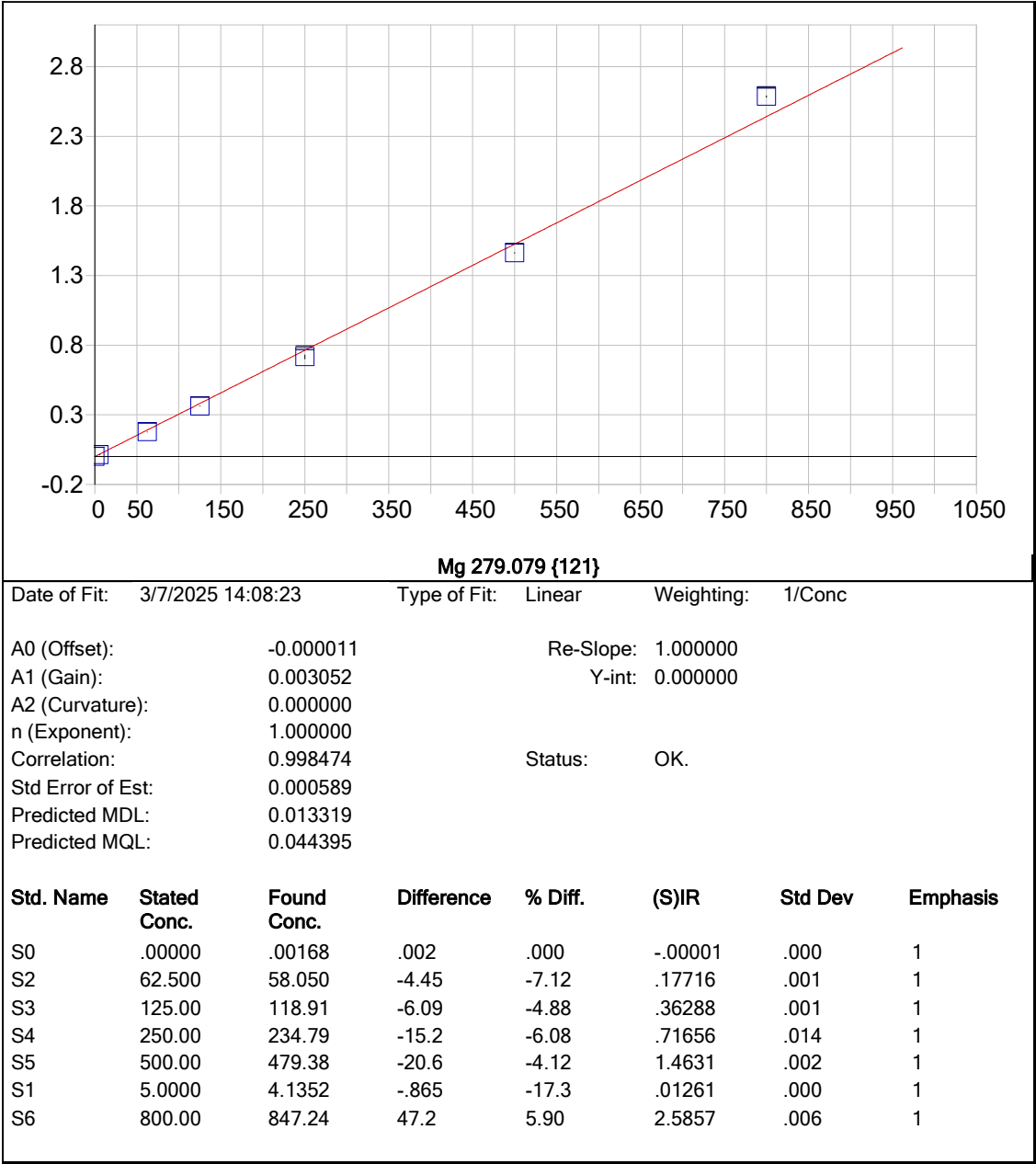


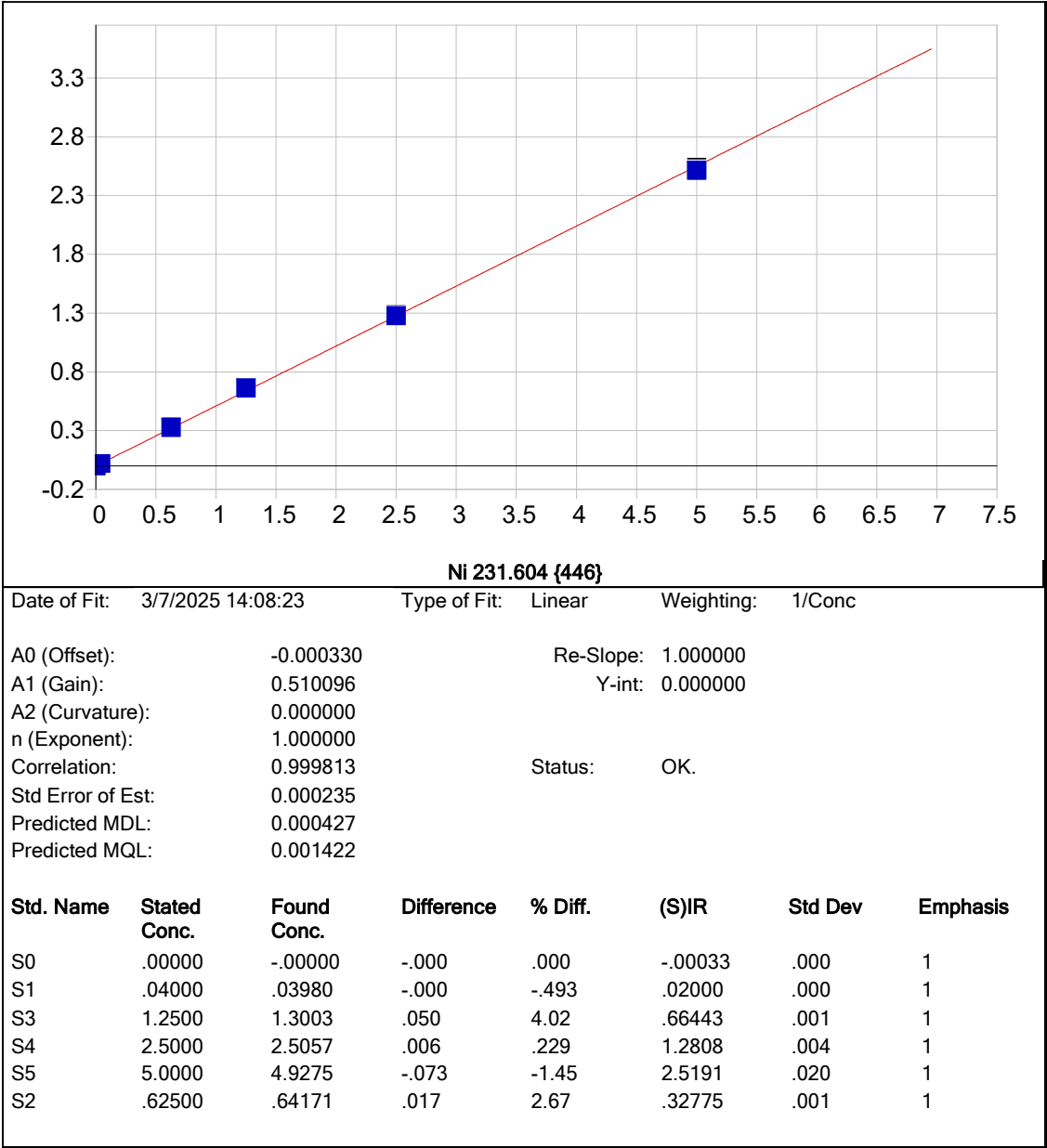


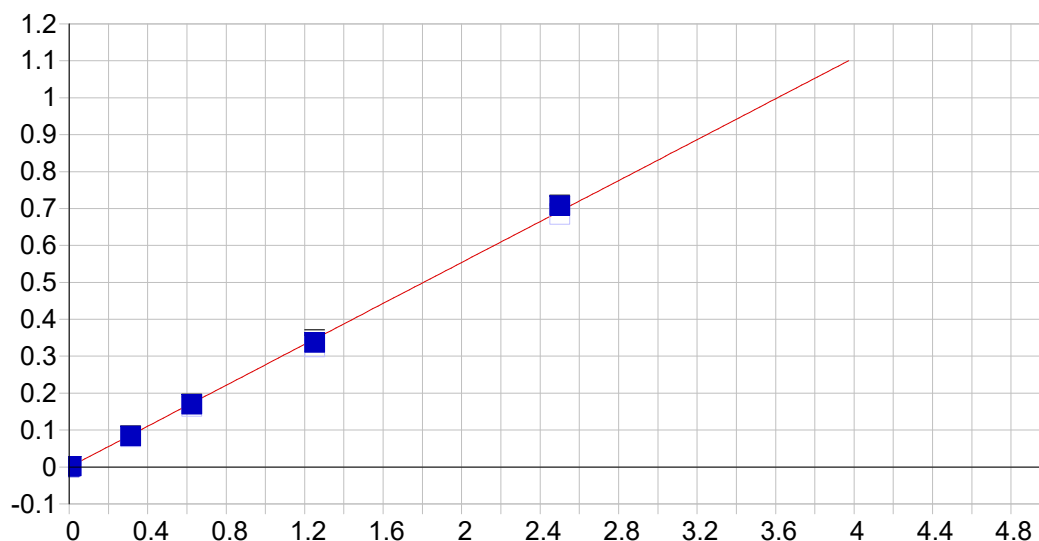










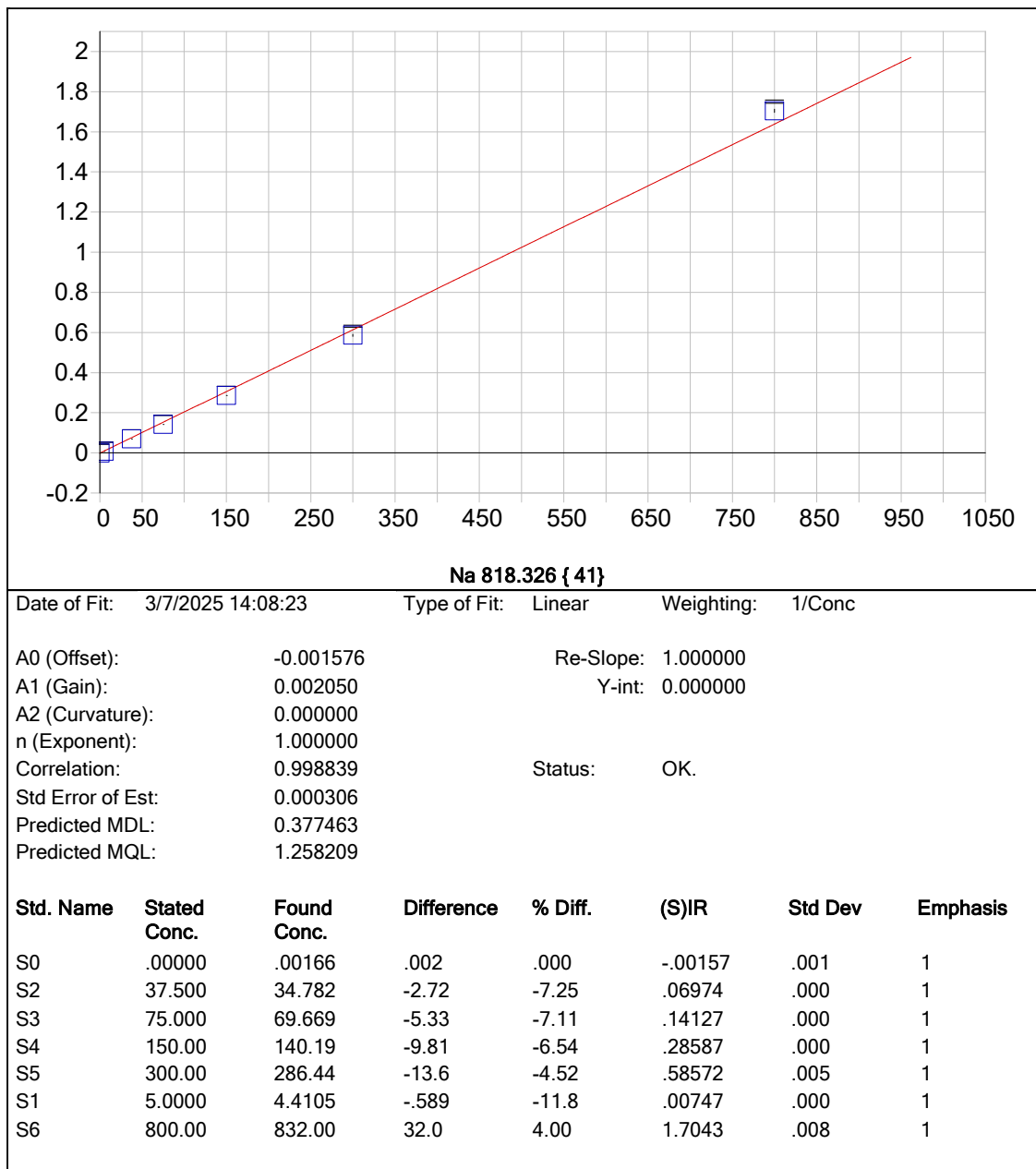


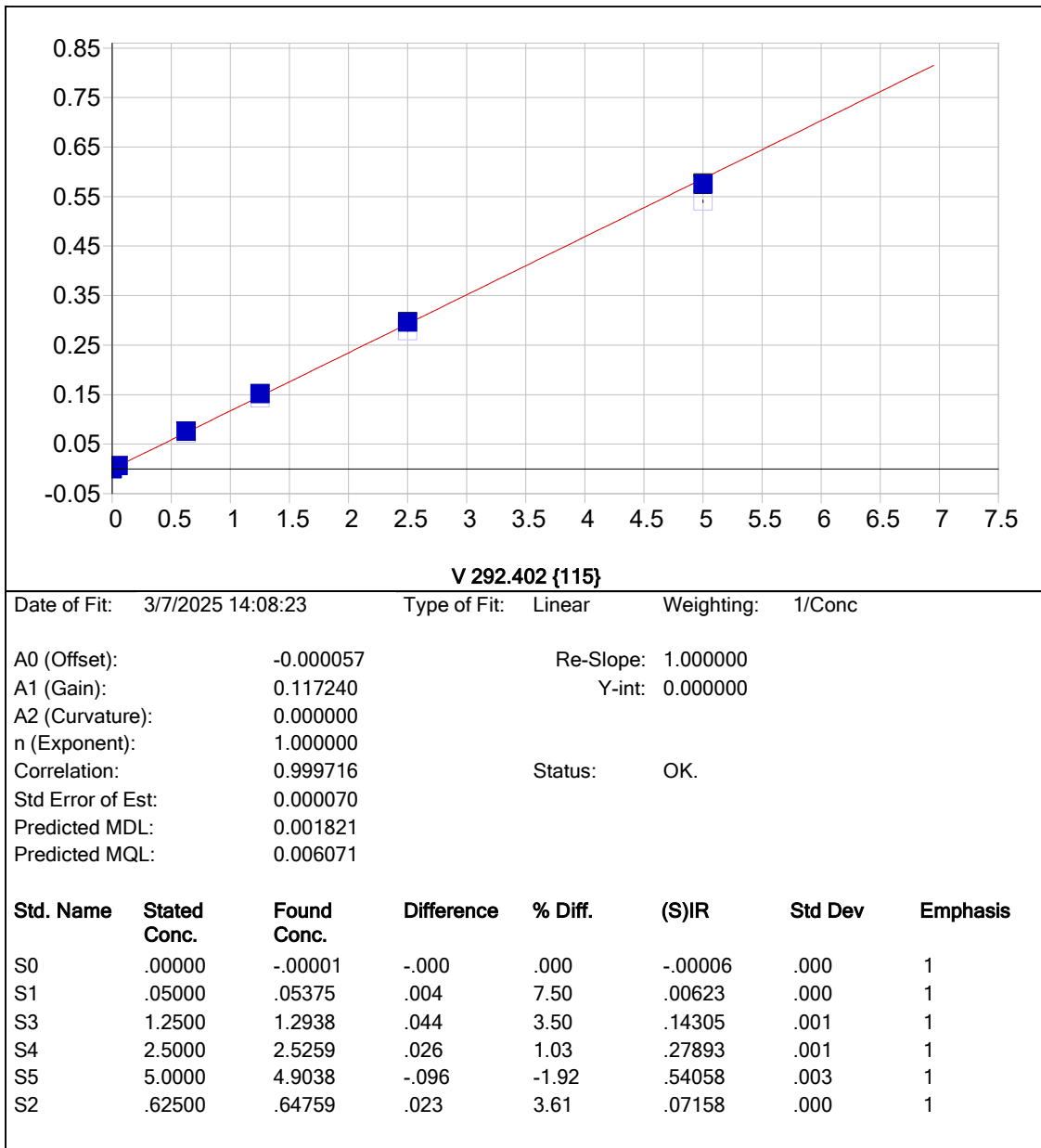
Ag 328.068 {103}

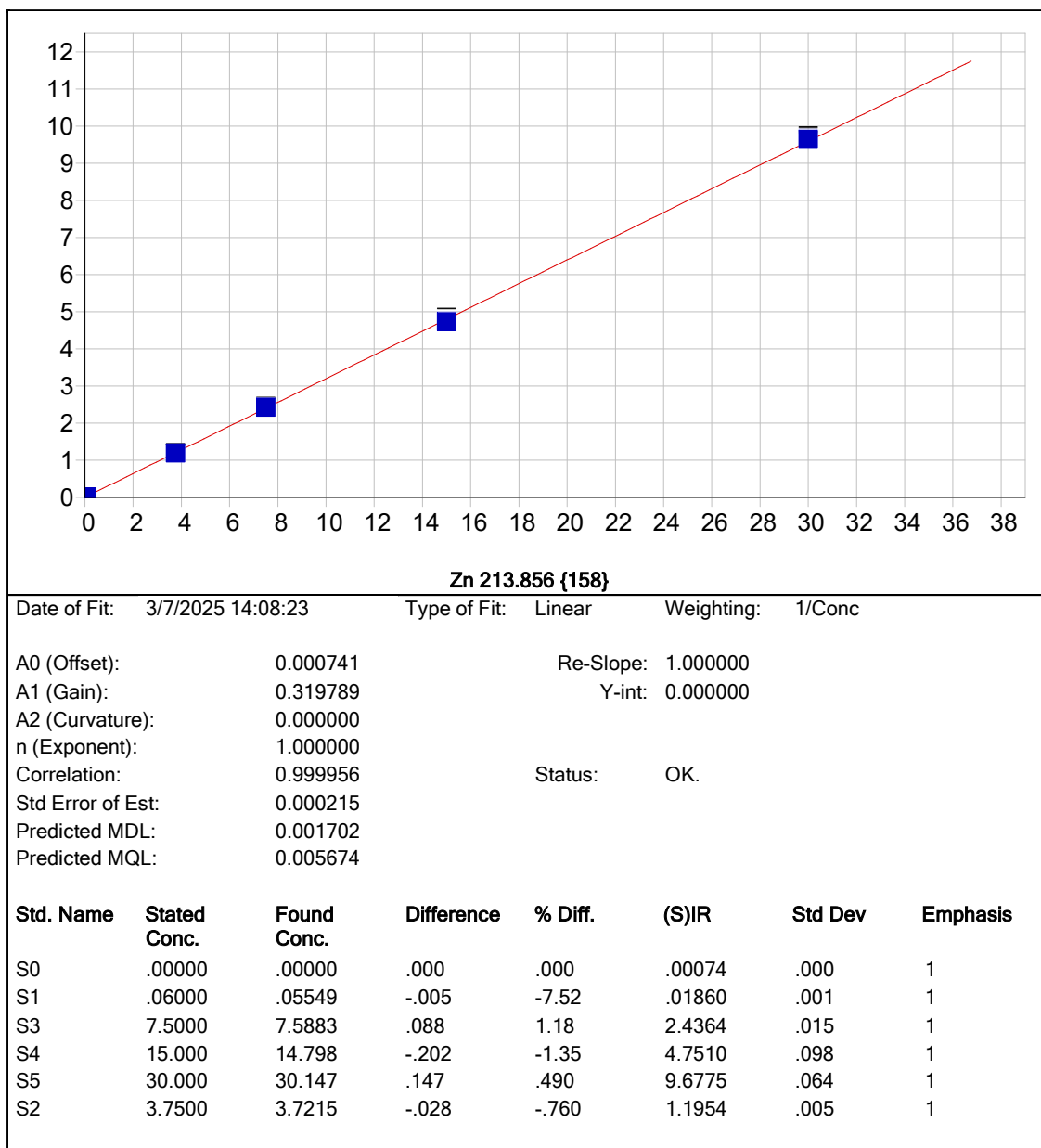
Date of Fit: 3/7/2025 14:08:23 Type of Fit: Linear Weighting: 1/Conc

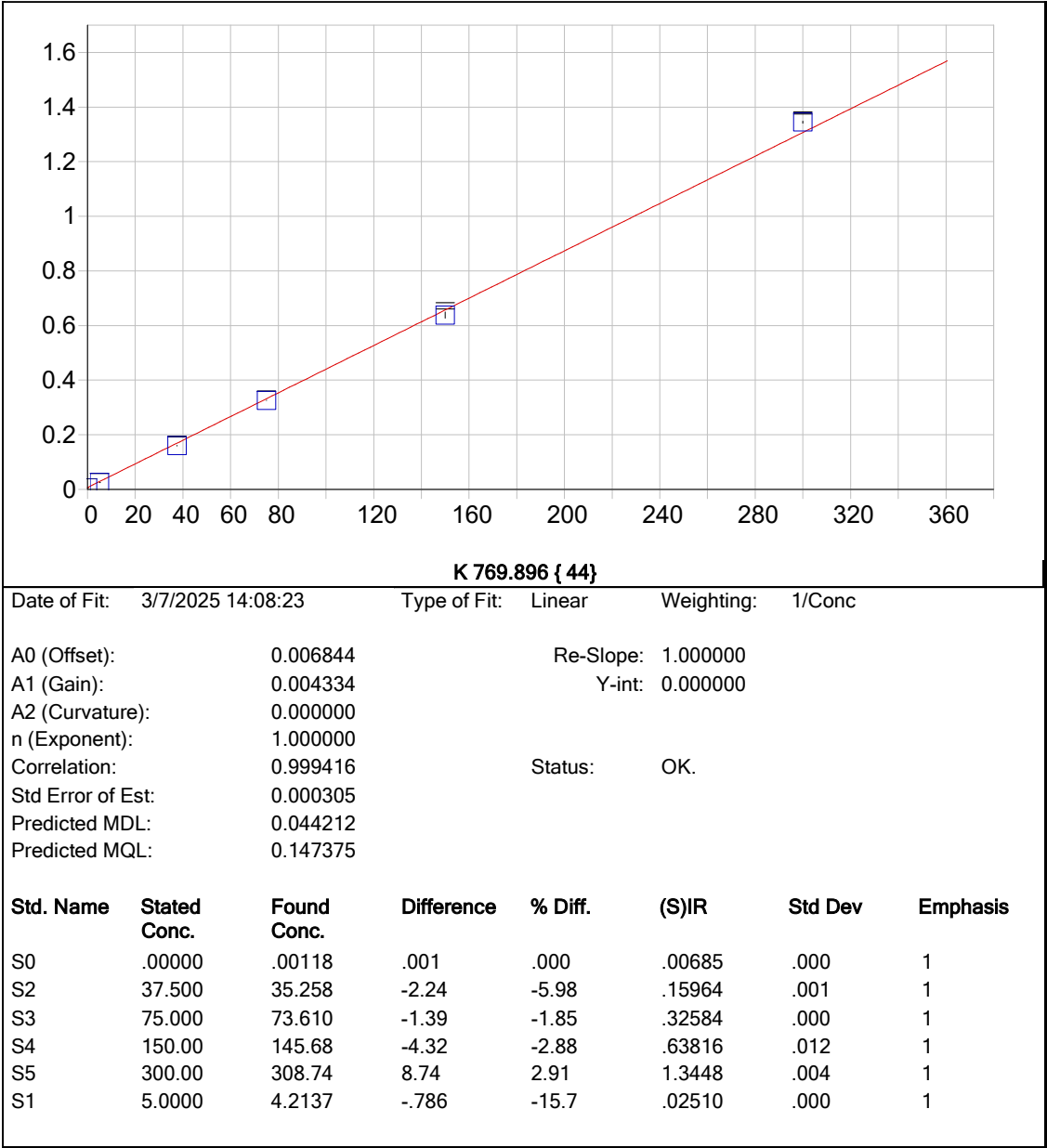
A0 (Offset): -0.000340 Re-Slope: 1.000000
A1 (Gain): 0.277102 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999686 Status: OK.
Std Error of Est: 0.000056
Predicted MDL: 0.000368
Predicted MQL: 0.001225

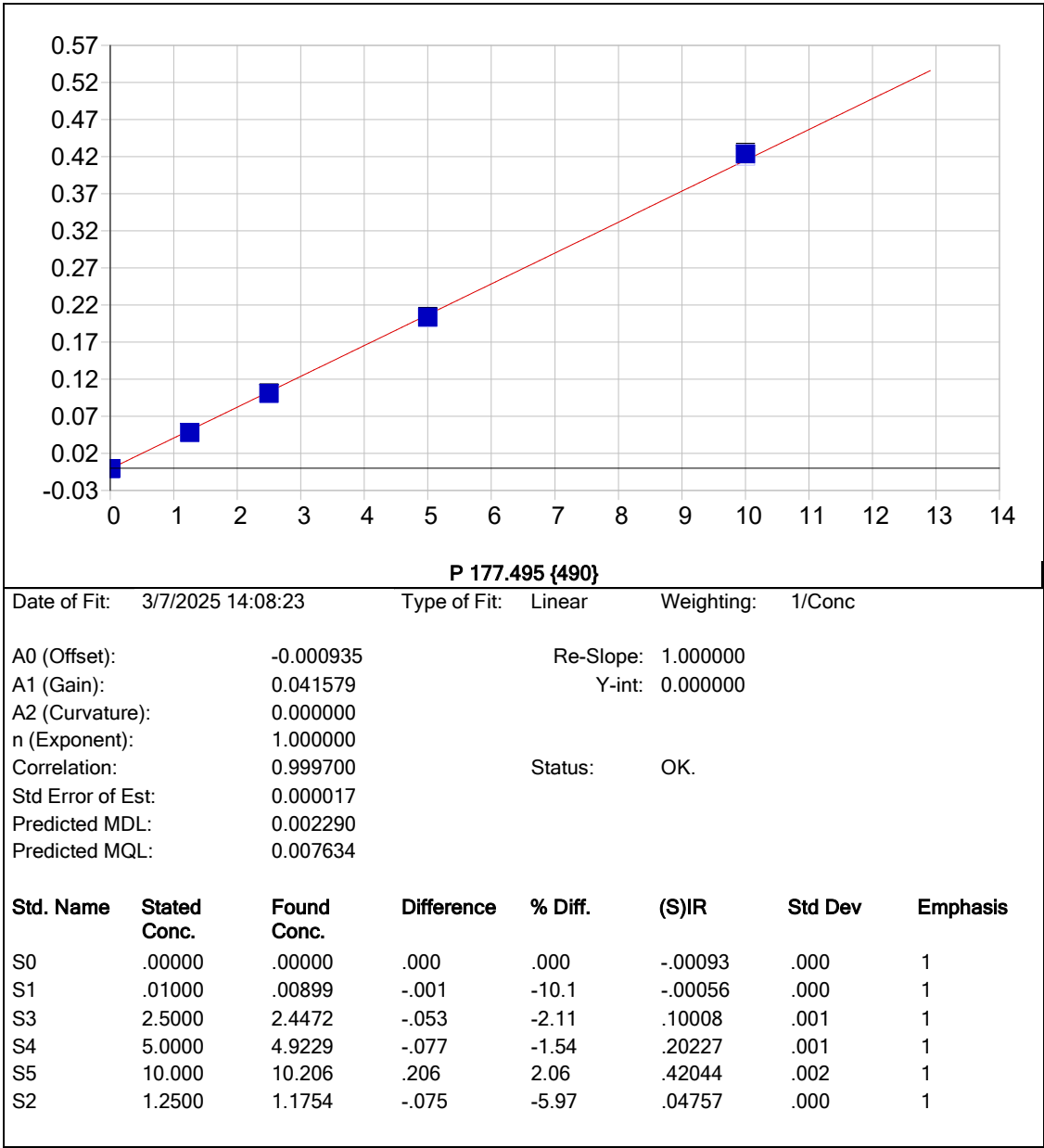
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.00886	-.001	-11.4	.00210	.000	1
S3	.62500	.61344	-.012	-1.85	.16354	.001	1
S4	1.2500	1.2160	-.034	-2.72	.32441	.008	1
S5	2.5000	2.5555	.055	2.22	.68338	.001	1
S2	.31250	.30376	-.009	-2.80	.08078	.000	1

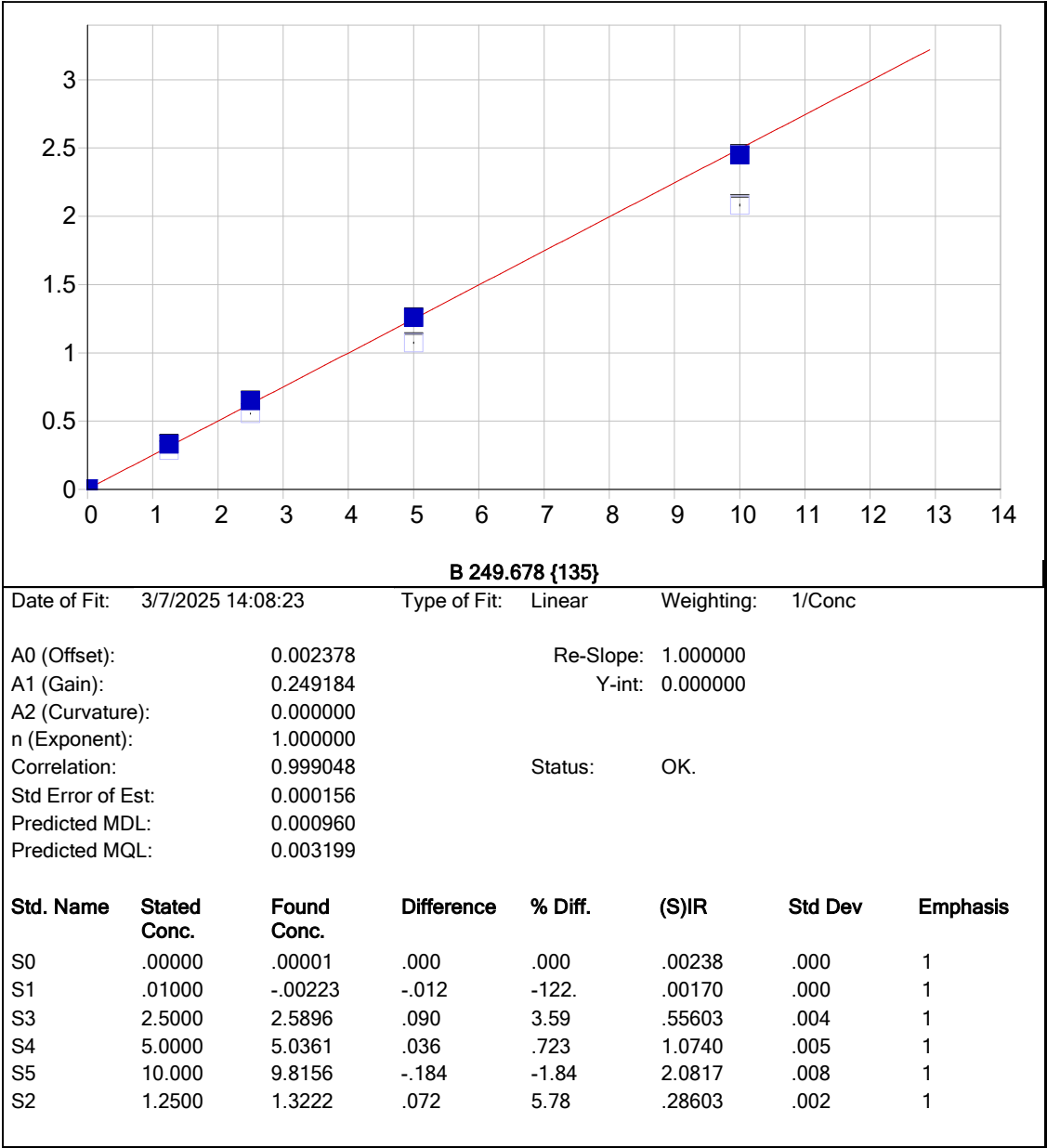


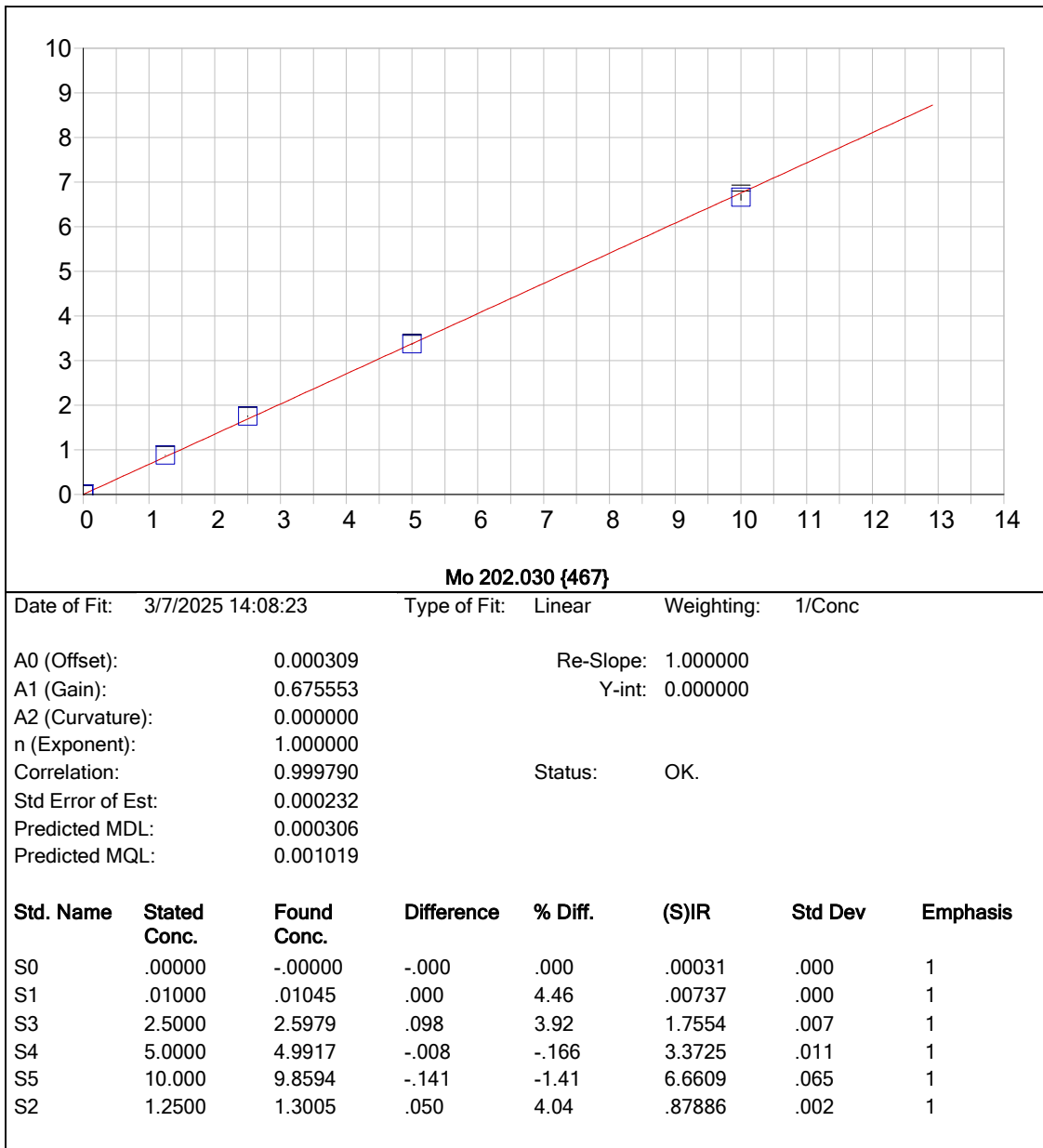


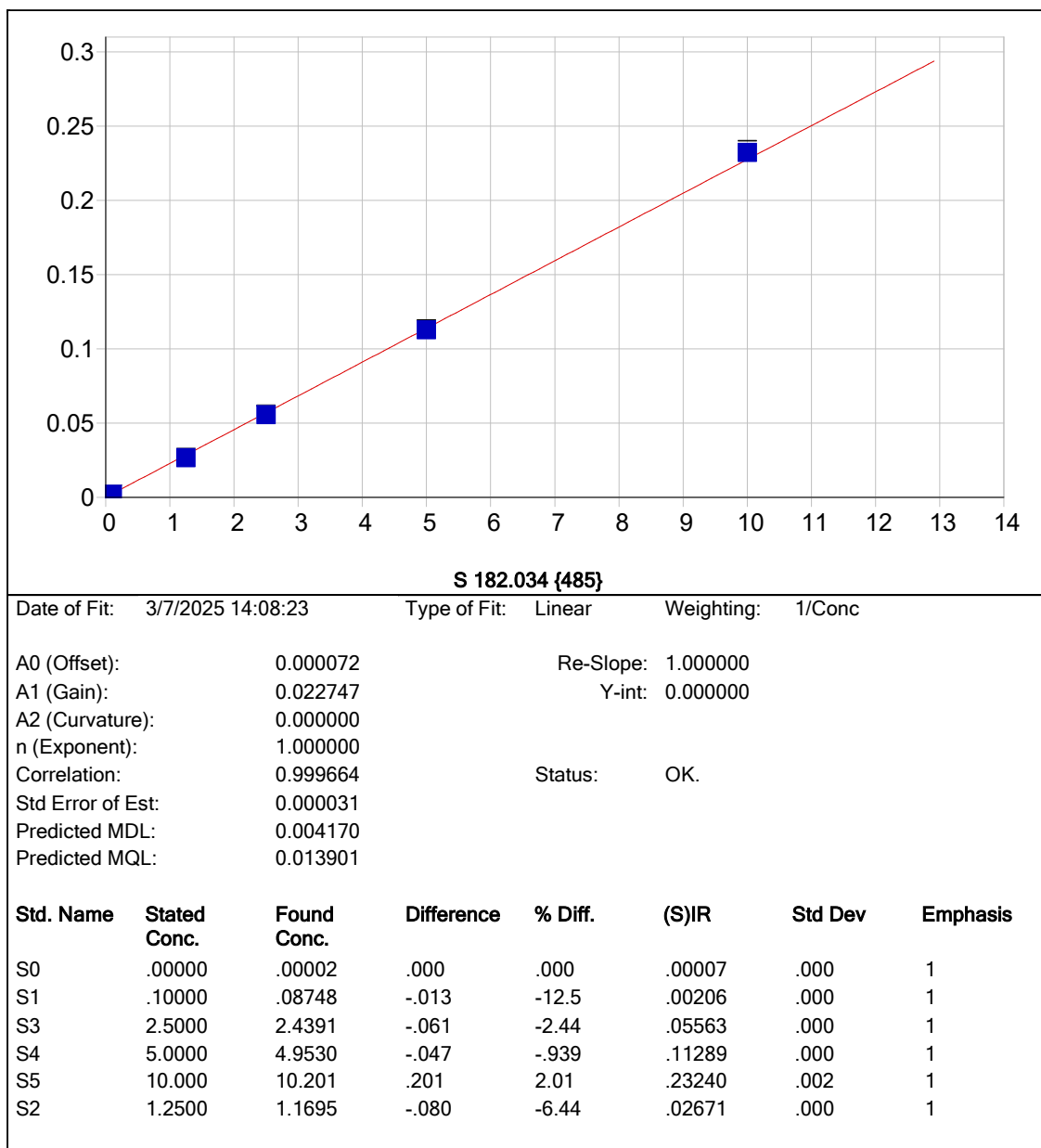


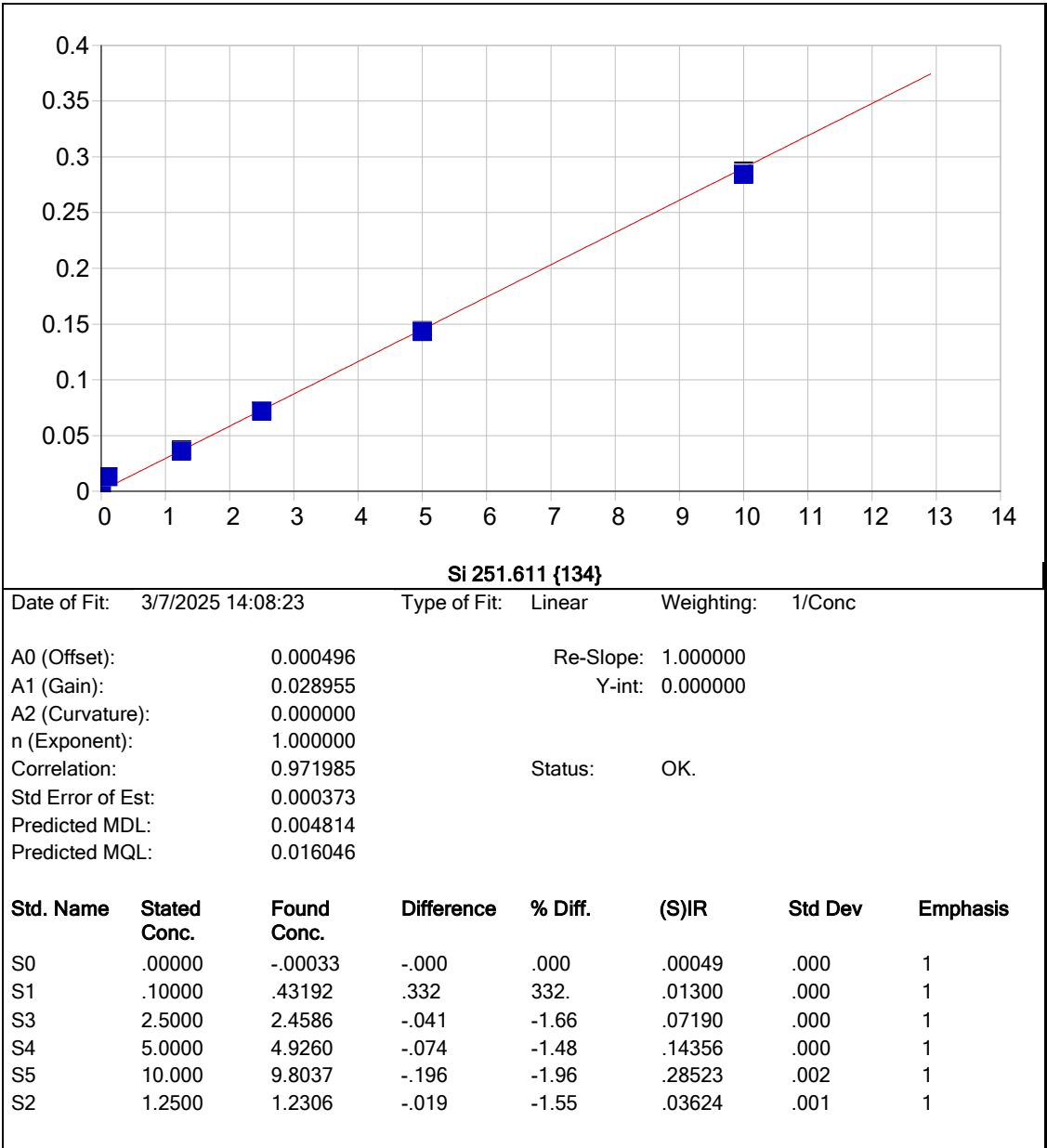


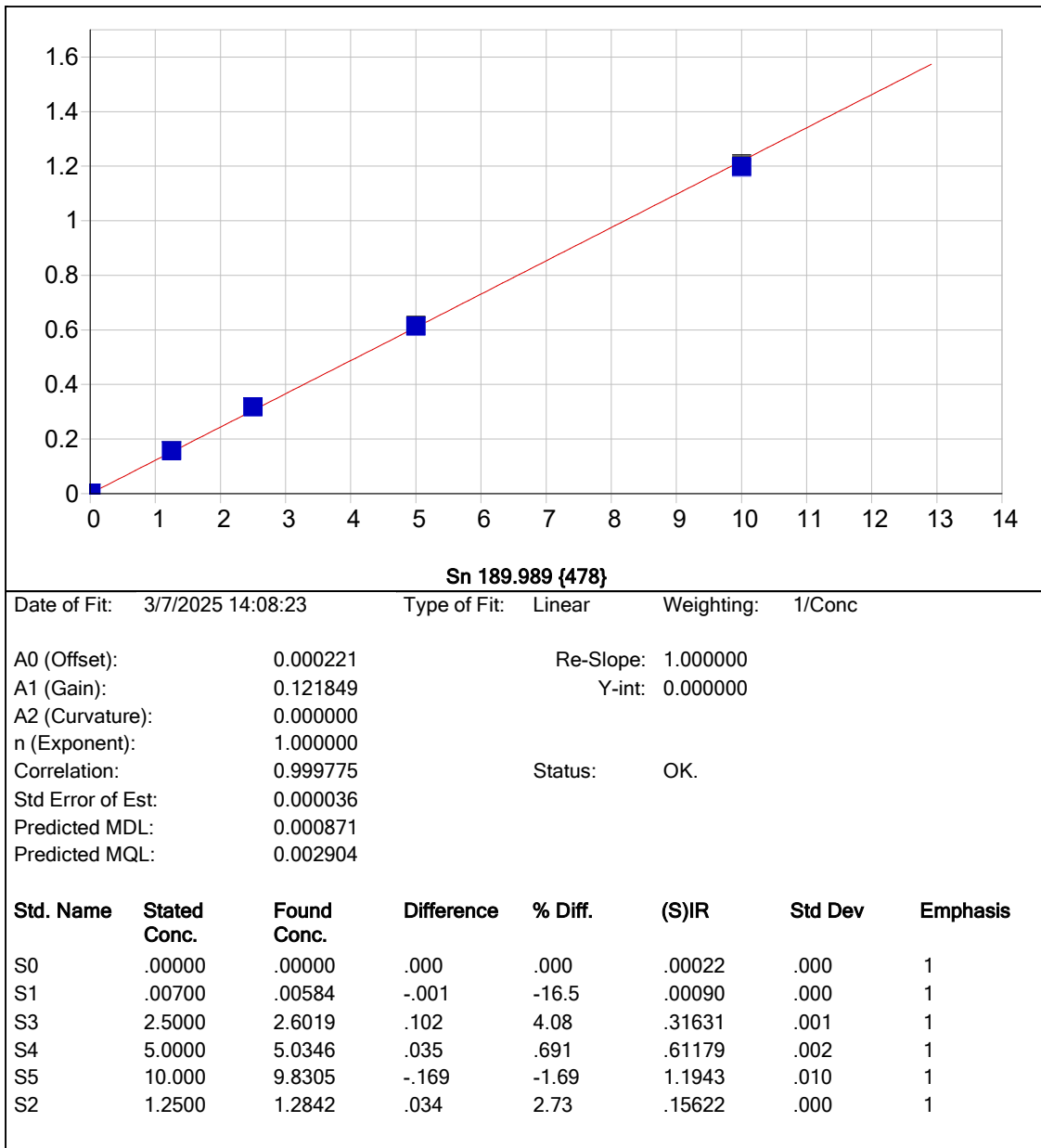


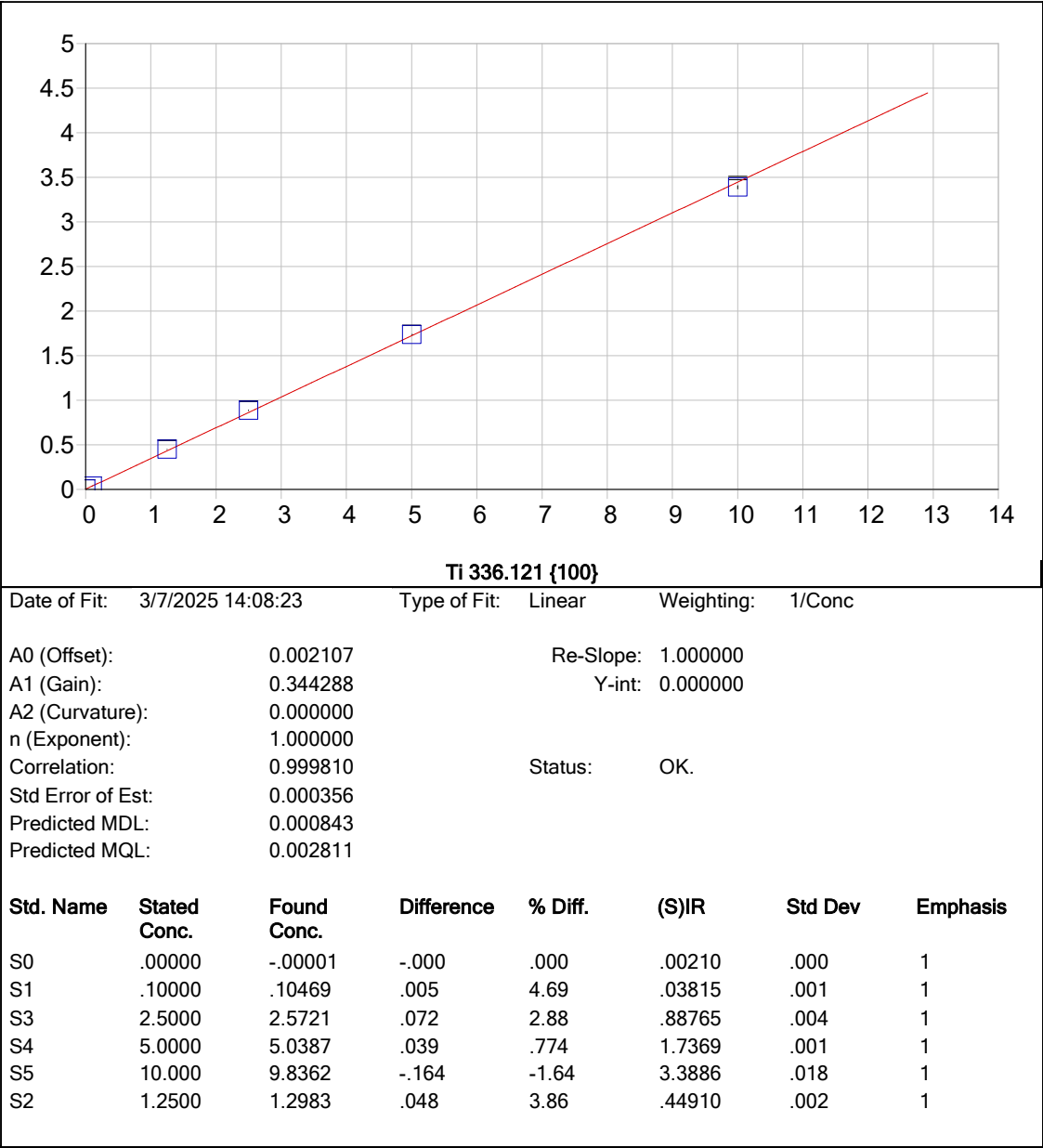


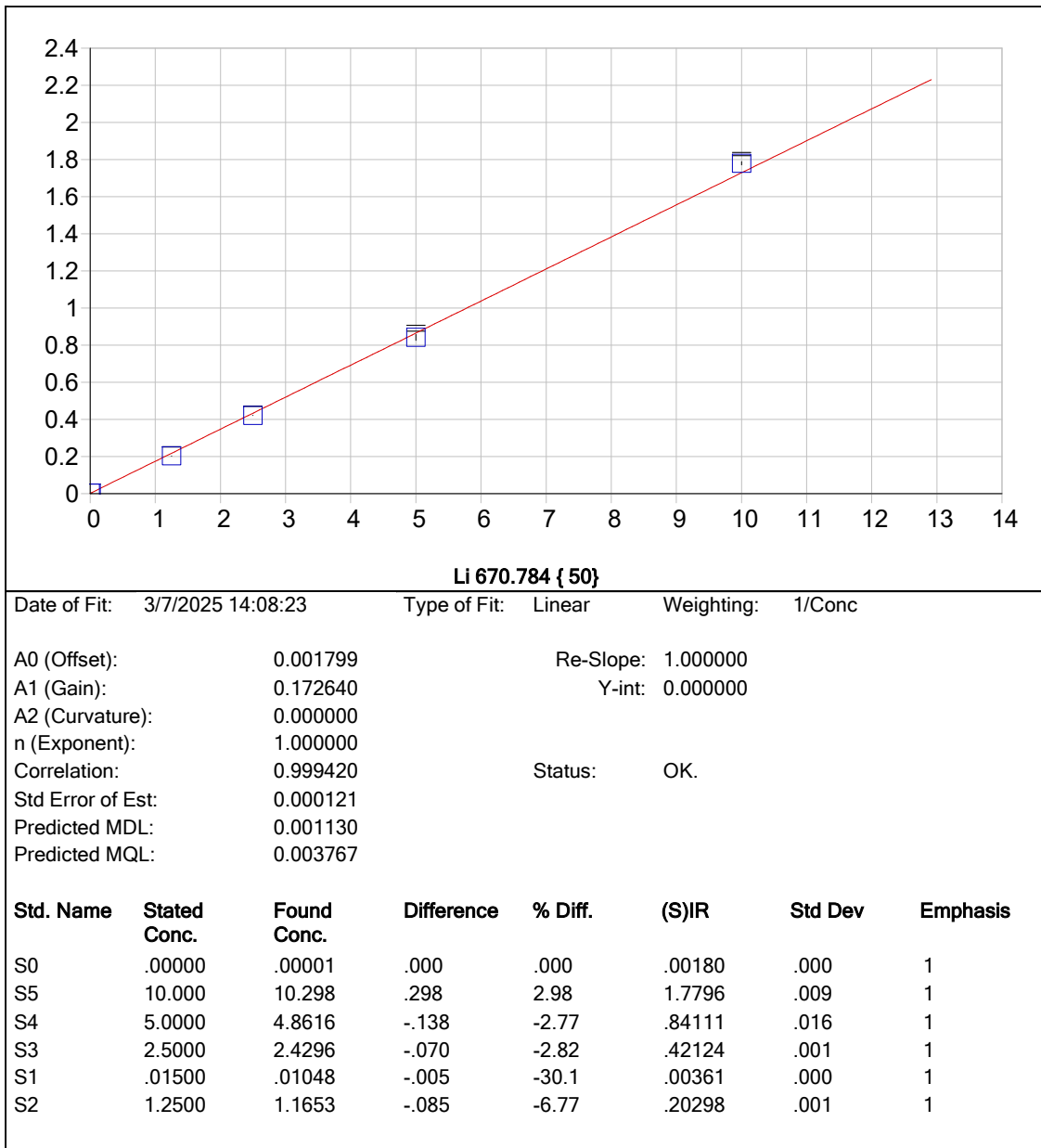


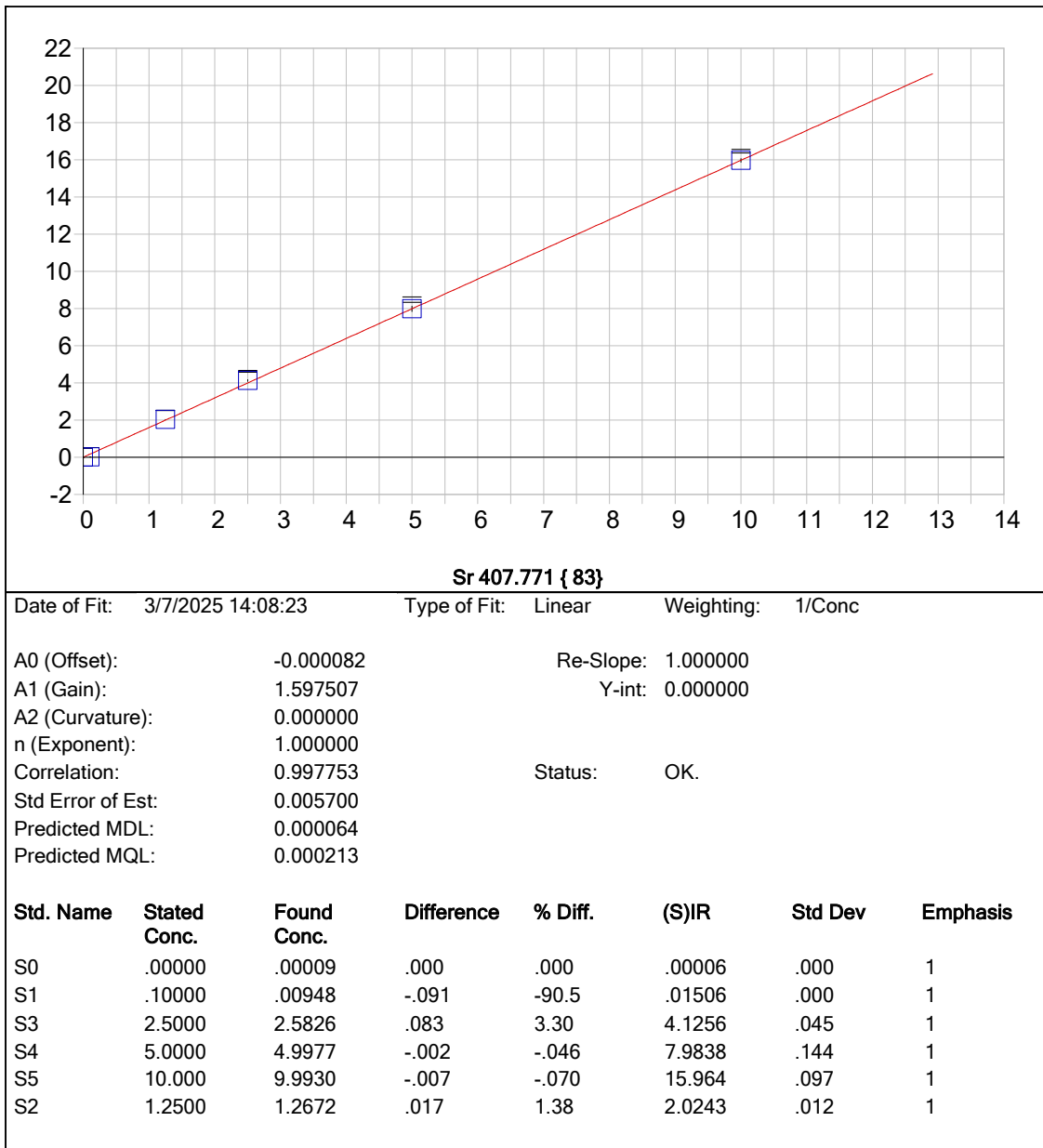


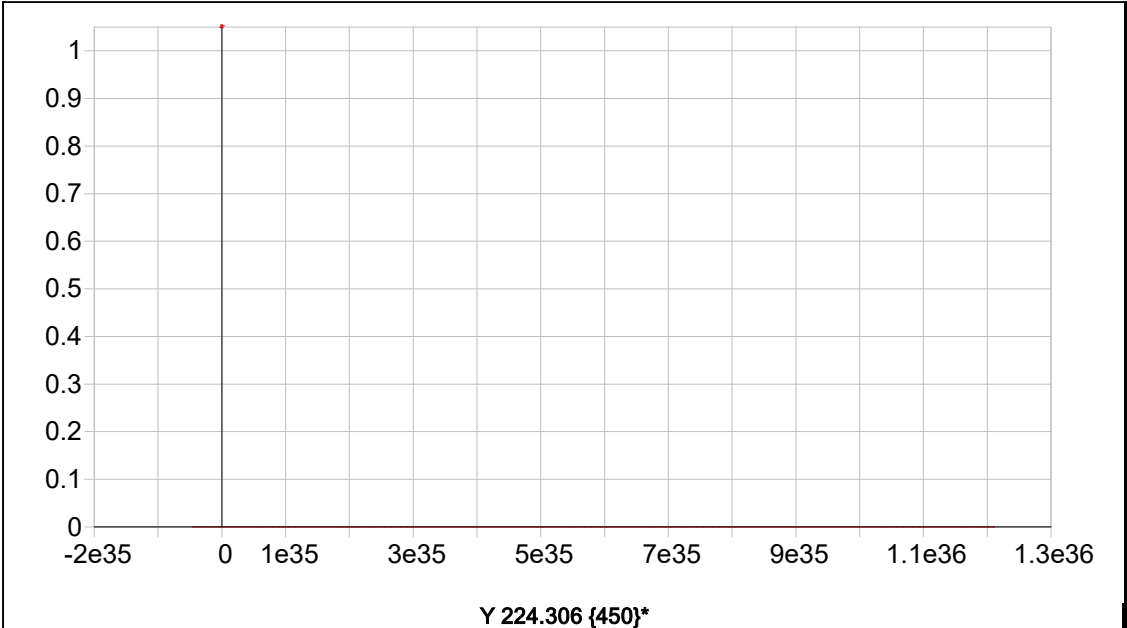












Date of Fit: 3/7/2025 14:08:23 Type of Fit: Linear Weighting: 1/Conc

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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Y 360.073 { 94}*

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

Sample Name: S0 Acquired: 3/7/2025 12:18:15 Type: Cal
Method: EPA SFAM01.0(v69) 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	-.00015	.00006	-.00028	.00017	.00034	.00006	.00624	.00005
Stddev	.00007	.00007	.00024	.00007	.00008	.00003	.00021	.00014
%RSD	43.609	105.62	87.732	41.845	25.156	59.461	3.3707	259.83
#1	-.00018	-.00001	-.00018	.00016	.00028	.00002	.00613	-.00007
#2	-.00020	.00008	-.00055	.00011	.00029	.00009	.00610	.00020
#3	-.00008	.00012	-.00010	.00025	.00043	.00006	.00648	.00003
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	.00001	.00018	.00014	.00005	.00266	.00006	.00002	-.00001
Stddev	.00010	.00006	.00002	.00025	.00013	.00001	.00000	.00002
%RSD	1581.2	35.393	12.013	447.39	5.0242	16.758	13.706	391.20
#1	.00010	.00019	.00014	-.00012	.00271	.00004	.00002	.00002
#2	-.00010	.00012	.00016	.00034	.00251	.00006	.00002	-.00002
#3	.00002	.00024	.00012	-.00005	.00276	.00006	.00002	-.00001
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	-.00033	-.00034	-.00157	-.00006	.00074	.00685	-.00093	.00238
Stddev	.00011	.00013	.00065	.00007	.00012	.00016	.00003	.00020
%RSD	32.941	38.103	41.555	114.12	16.562	2.2822	3.4511	8.5143
#1	-.00022	-.00030	-.00110	-.00005	.00086	.00667	-.00097	.00215
#2	-.00044	-.00048	-.00232	.00000	.00061	.00693	-.00092	.00254
#3	-.00034	-.00023	-.00130	-.00013	.00075	.00695	-.00091	.00246
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00031	.00007	.00049	.00022	.00210	.00180	.00006	
Stddev	.00018	.00006	.00009	.00009	.00012	.00004	.00009	
%RSD	56.817	84.181	17.830	42.820	5.8200	2.0379	159.00	
#1	.00022	.00008	.00053	.00014	.00201	.00183	-.00002	
#2	.00019	.00013	.00054	.00032	.00224	.00181	.00015	
#3	.00051	.00001	.00039	.00020	.00205	.00176	.00004	

Sample Name: S0 Acquired: 3/7/2025 12:18:15 Type: Cal
Method: EPA SFAM01.0(v69) 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	3310.8	75908.	15441.	2219.5	4877.7
Stddev	11.8	68.	21.	16.7	15.7
%RSD	.35527	.08997	.13487	.75026	.32233
#1	3309.0	75957.	15454.	2214.2	4868.3
#2	3323.4	75938.	15451.	2206.1	4895.8
#3	3300.0	75830.	15417.	2238.1	4868.9

Sample Name: S1 Acquired: 3/7/2025 12:22:29 Type: Cal
Method: EPA SFAM01.0(v69) 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	.00042	.00106	.00168	.00198	.00759	.00249	.09123	.01378
Stddev	.00007	.00006	.00005	.00004	.00024	.00004	.00106	.00012
%RSD	15.539	5.6926	2.8778	2.2273	3.1654	1.7864	1.1584	.87711
#1	.00039	.00108	.00170	.00202	.00787	.00244	.09245	.01391
#2	.00038	.00099	.00171	.00198	.00743	.00251	.09063	.01374
#3	.00050	.00111	.00162	.00193	.00747	.00251	.09060	.01368
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	.01073	.04201	.00168	.04387	.00563	.00055	.00186	.01261
Stddev	.00029	.00029	.00006	.00017	.00013	.00001	.00002	.00003
%RSD	2.7117	.68296	3.5284	.38801	2.3277	1.1950	1.0233	.26663
#1	.01103	.04234	.00163	.04406	.00574	.00056	.00188	.01265
#2	.01045	.04192	.00174	.04382	.00566	.00055	.00184	.01258
#3	.01070	.04179	.00166	.04373	.00548	.00054	.00186	.01260
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	.02000	.00210	.00747	.00623	.01860	.02510	-.00056	.00170
Stddev	.00033	.00014	.00017	.00029	.00058	.00025	.00004	.00006
%RSD	1.6429	6.5059	2.2387	4.6220	3.1107	.97974	7.3193	3.7590
#1	.02029	.00194	.00766	.00656	.01910	.02537	-.00057	.00164
#2	.01964	.00216	.00735	.00614	.01873	.02505	-.00060	.00177
#3	.02006	.00218	.00739	.00600	.01797	.02489	-.00052	.00168
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00737	.00206	.01300	.00090	.03815	.00361	.01506	
Stddev	.00015	.00005	.00037	.00007	.00109	.00009	.00020	
%RSD	2.0660	2.3097	2.8127	8.1150	2.8570	2.5335	1.3319	
#1	.00743	.00210	.01342	.00094	.03930	.00369	.01529	
#2	.00748	.00201	.01283	.00093	.03802	.00351	.01495	
#3	.00719	.00208	.01276	.00081	.03713	.00363	.01494	

Sample Name: S1 Acquired: 3/7/2025 12:22:29 Type: Cal
Method: EPA SFAM01.0(v69) 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	3245.7	75673.	15318.	2197.3	4692.5
Stddev	17.3	278.	312.	9.6	29.9
%RSD	.53421	.36764	2.0384	.43811	.63729
#1	3228.4	75407.	14960.	2188.2	4661.3
#2	3263.1	75650.	15459.	2196.4	4720.9
#3	3245.4	75962.	15534.	2207.4	4695.4

Sample Name: S2 Acquired: 3/7/2025 12:26:40 Type: Cal
Method: EPA SFAM01.0(v69) 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	.06599	.05266	1.2442	.06547	.16076	.50992	1.1659	.34023
Stddev	.00026	.00051	.0029	.00037	.00031	.00282	.0047	.00120
%RSD	.38676	.97037	.23681	.55849	.19208	.55363	.40457	.35300

#1	.06607	.05287	1.2476	.06568	.16100	.51024	1.1674	.34072
#2	.06620	.05208	1.2423	.06505	.16088	.50695	1.1606	.34111
#3	.06570	.05303	1.2426	.06569	.16041	.51257	1.1697	.33886

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	1.3791	.55638	.63725	.56686	.41429	.20729	.47763	.17716
Stddev	.0037	.00251	.00269	.00116	.00245	.00129	.00145	.00131
%RSD	.26646	.45043	.42143	.20501	.59075	.62437	.30452	.74069

#1	1.3827	.55656	.63749	.56810	.41585	.20741	.47763	.17699
#2	1.3753	.55379	.63445	.56670	.41556	.20594	.47617	.17593
#3	1.3792	.55879	.63980	.56579	.41147	.20852	.47908	.17854

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	.32775	.08078	.06974	.07158	1.1954	.15964	.04757	.28603
Stddev	.00051	.00017	.00044	.00037	.0049	.00126	.00017	.00241
%RSD	.15666	.21318	.62390	.51790	.41298	.79046	.35760	.84343

#1	.32824	.08088	.07019	.07198	1.1983	.15955	.04774	.28810
#2	.32780	.08058	.06970	.07151	1.1897	.15843	.04755	.28661
#3	.32721	.08087	.06932	.07125	1.1981	.16094	.04740	.28338

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.87886	.02671	.03624	.15622	.44910	.20298	2.0243	
Stddev	.00243	.00015	.00069	.00046	.00213	.00074	.0124	
%RSD	.27599	.57831	1.9124	.29389	.47519	.36589	.61128	

#1	.88142	.02673	.03650	.15674	.45100	.20308	2.0382	
#2	.87660	.02685	.03676	.15586	.44950	.20219	2.0202	
#3	.87854	.02655	.03545	.15608	.44679	.20367	2.0145	

Sample Name: S2 Acquired: 3/7/2025 12:26:40 Type: Cal
Method: EPA SFAM01.0(v69) 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	3082.6	69261.	15284.	2002.1	4151.8
Stddev	12.9	324.	86.	11.8	15.7
%RSD	.41898	.46788	.56336	.59034	.37788
#1	3068.1	69093.	15227.	1993.8	4134.4
#2	3087.0	69635.	15241.	2015.7	4156.4
#3	3092.8	69056.	15383.	1996.9	4164.7

Sample Name: S3 Acquired: 3/7/2025 12:30:42 Type: Cal
Method: EPA SFAM01.0(v69) 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	.13559	.10188	2.5135	.13197	.32818	1.0488	2.3360	.67022
Stddev	.00061	.00088	.0064	.00036	.00077	.0013	.0148	.00185
%RSD	.44830	.86029	.25538	.26933	.23549	.12607	.63287	.27669

#1	.13536	.10102	2.5068	.13173	.32789	1.0496	2.3522	.67215
#2	.13513	.10183	2.5140	.13181	.32758	1.0495	2.3328	.66845
#3	.13628	.10277	2.5196	.13238	.32905	1.0473	2.3231	.67006

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	2.7994	1.1215	1.2588	1.1482	.82341	.41475	.96340	.36288
Stddev	.0094	.0027	.0033	.0026	.00369	.00066	.00331	.00074
%RSD	.33640	.23592	.25968	.22227	.44766	.15845	.34327	.20354

#1	2.7901	1.1235	1.2624	1.1456	.82554	.41499	.96622	.36326
#2	2.7990	1.1225	1.2560	1.1485	.82554	.41524	.96422	.36336
#3	2.8090	1.1185	1.2579	1.1506	.81916	.41400	.95976	.36203

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	.66443	.16354	.14127	.14305	2.4364	.32584	.10008	.55603
Stddev	.00111	.00073	.00032	.00055	.0153	.00047	.00057	.00436
%RSD	.16758	.44778	.22586	.38530	.62896	.14358	.57000	.78407

#1	.66316	.16432	.14159	.14339	2.4341	.32621	.09951	.56101
#2	.66486	.16345	.14095	.14336	2.4528	.32600	.10008	.55422
#3	.66526	.16286	.14126	.14242	2.4224	.32531	.10065	.55287

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7554	.05563	.07190	.31631	.88765	.42124	4.1256
Stddev	.0070	.00043	.00007	.00065	.00374	.00100	.0454
%RSD	.39782	.76473	.09243	.20588	.42189	.23830	1.1000

#1	1.7549	.05517	.07182	.31584	.89066	.42240	4.1273
#2	1.7486	.05570	.07193	.31604	.88884	.42072	4.1701
#3	1.7625	.05601	.07195	.31706	.88346	.42061	4.0794

Sample Name: S3 Acquired: 3/7/2025 12:30:42 Type: Cal
Method: EPA SFAM01.0(v69) 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	2927.3	67299.	15102.	1932.4	3854.1
Stddev	12.4	108.	19.	7.9	7.2
%RSD	.42309	.16044	.12560	.40625	.18635
#1	2922.0	67193.	15086.	1935.8	3856.1
#2	2941.4	67295.	15097.	1923.4	3860.0
#3	2918.4	67408.	15123.	1937.9	3846.1

Sample Name: S4 Acquired: 3/7/2025 12:34:44 Type: Cal
Method: EPA SFAM01.0(v69) 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	.26549	.19089	4.8805	.25661	.64469	2.0694	4.6391	1.3216
Stddev	.00086	.00120	.0162	.00102	.00227	.0388	.1303	.0105
%RSD	.32392	.62691	.33097	.39885	.35199	1.8744	2.8081	.79177

#1	.26455	.18955	4.8622	.25586	.64257	2.0888	4.7471	1.3265
#2	.26569	.19185	4.8864	.25620	.64441	2.0248	4.4944	1.3096
#3	.26623	.19128	4.8928	.25778	.64708	2.0948	4.6759	1.3287

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	5.4427	2.1733	2.3702	2.2375	1.6452	.79119	1.8670	.71656
Stddev	.0188	.0443	.0607	.0048	.0015	.01567	.0382	.01398
%RSD	.34621	2.0375	2.5589	.21266	.09061	1.9803	2.0485	1.9515

#1	5.4210	2.1963	2.3993	2.2321	1.6468	.79909	1.8855	.72390
#2	5.4553	2.1223	2.3005	2.2395	1.6450	.77314	1.8231	.70044
#3	5.4518	2.2014	2.4108	2.2410	1.6438	.80133	1.8925	.72535

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	1.2808	.32441	.28587	.27893	4.7510	.63816	.20227	1.0740
Stddev	.0038	.00778	.00048	.00116	.0981	.01168	.00080	.0049
%RSD	.29508	2.3967	.16670	.41413	2.0644	1.8295	.39598	.45696

#1	1.2769	.32864	.28611	.28023	4.8010	.64386	.20163	1.0769
#2	1.2810	.31543	.28532	.27855	4.6380	.62473	.20201	1.0684
#3	1.2845	.32915	.28617	.27802	4.8140	.64589	.20317	1.0768

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.3725	.11289	.14356	.61179	1.7369	.84111	7.9838	
Stddev	.0114	.00047	.00032	.00216	.0011	.01591	.1436	
%RSD	.33858	.41748	.22200	.35378	.06503	1.8915	1.7989	

#1	3.3607	.11241	.14366	.60955	1.7381	.84814	8.0533	
#2	3.3732	.11290	.14321	.61196	1.7367	.82289	7.8187	
#3	3.3835	.11335	.14382	.61387	1.7359	.85229	8.0795	

Sample Name: S4 Acquired: 3/7/2025 12:34:44 Type: Cal
Method: EPA SFAM01.0(v69) 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	2814.3	65938.	14613.	1884.6	3616.2
Stddev	7.7	1399.	19.	41.4	8.5
%RSD	.27210	2.1209	.12799	2.1950	.23589
#1	2821.3	65274.	14596.	1863.3	3625.8
#2	2815.5	67545.	14633.	1932.3	3613.3
#3	2806.1	64995.	14609.	1858.2	3609.4

Sample Name: S5 Acquired: 3/7/2025 12:38:45 Type: Cal
Method: EPA SFAM01.0(v69) 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	.54574	.35632	9.6280	.51750	1.3223	4.2821	9.2322	2.6556
Stddev	.00498	.00456	.0688	.00609	.0118	.0123	.0606	.0128
%RSD	.91241	1.2801	.71447	1.1770	.89040	.28634	.65683	.48181

#1	.54921	.36050	9.6895	.52140	1.3276	4.2680	9.2236	2.6410
#2	.54003	.35145	9.5537	.51048	1.3088	4.2903	9.1764	2.6612
#3	.54796	.35701	9.6409	.52062	1.3305	4.2880	9.2967	2.6647

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	10.589	4.3208	4.5639	4.4292	3.3076	1.5685	3.7317	1.4631
Stddev	.084	.0469	.0134	.0361	.0209	.0033	.0216	.0023
%RSD	.79211	1.0858	.29412	.81416	.63119	.21010	.57743	.15730

#1	10.673	4.2682	4.5515	4.4632	3.2853	1.5651	3.7084	1.4611
#2	10.506	4.3360	4.5781	4.3914	3.3106	1.5688	3.7359	1.4625
#3	10.587	4.3583	4.5620	4.4329	3.3268	1.5716	3.7509	1.4656

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	2.5191	.68338	.58572	.54058	9.6775	1.3448	.42044	2.0817
Stddev	.0198	.00149	.00486	.00259	.0636	.0041	.00236	.0082
%RSD	.78560	.21811	.82941	.47893	.65729	.30172	.56139	.39340

#1	2.5373	.68182	.58052	.53768	9.6041	1.3410	.42274	2.0723
#2	2.4980	.68478	.58650	.54141	9.7150	1.3444	.41802	2.0860
#3	2.5221	.68354	.59014	.54265	9.7135	1.3491	.42055	2.0869

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6609	.23240	.28523	1.1943	3.3886	1.7796	15.964
Stddev	.0647	.00177	.00187	.0098	.0181	.0089	.097
%RSD	.97094	.76211	.65643	.81789	.53419	.49998	.61031

#1	6.7125	.23396	.28313	1.2044	3.3681	1.7709	15.895
#2	6.5883	.23048	.28586	1.1849	3.3951	1.7794	15.921
#3	6.6818	.23278	.28671	1.1936	3.4026	1.7887	16.075

Sample Name: S5 Acquired: 3/7/2025 12:38:45 Type: Cal
Method: EPA SFAM01.0(v69) 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	2568.4	61082.	14043.	1740.3	3267.8
Stddev	22.2	151.	60.	9.0	25.0
%RSD	.86466	.24641	.42693	.51455	.76485
#1	2553.2	61250.	14111.	1749.2	3247.1
#2	2593.9	60960.	13997.	1731.3	3295.5
#3	2558.1	61036.	14021.	1740.3	3260.8

Sample Name: S6 Acquired: 3/7/2025 12:43:15 Type: Cal
Method: EPA SFAM01.0(v69) 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	12.404	7.6675	4.4649	2.5857	1.7043
Stddev	.121	.0148	.0220	.0061	.0083
%RSD	.97505	.19340	.49204	.23453	.48398

#1	12.385	7.6504	4.4421	2.5796	1.7054
#2	12.293	7.6772	4.4859	2.5859	1.6955
#3	12.533	7.6748	4.4667	2.5917	1.7119

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	56480.	14019.
Stddev	155.	55.
%RSD	.27436	.39189

#1	56651.	14046.
#2	56441.	14056.
#3	56348.	13956.

Sample Name: ICV003 Acquired: 3/7/2025 12:52:54 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9369418	F 1.100339	1.010341	.9979866	.9564763	2.419426
Stddev	.0070506	.008555	.004224	.0021554	.0012325	.000590
%RSD	.7525103	.7774832	.4180648	.2159776	.1288542	.0243908

#1	.9345819	1.092265	1.007613	.9954988	.9562877	2.420063
#2	.9313738	1.099449	1.008204	.9992960	.9553490	2.419315
#3	.9448696	1.109305	1.015206	.9991649	.9577922	2.418899

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4874844	.5163575	.5016708	9.321498	.5678498	.5037786
Stddev	.0004144	.0004816	.0018797	.009494	.0028951	.0016948
%RSD	.0850054	.0932680	.3746807	.1018478	.5098318	.3364244

#1	.4874408	.5167186	.5005638	9.310834	.5645910	.5025327
#2	.4879189	.5165431	.5006075	9.324631	.5688341	.5030947
#3	.4870936	.5158107	.5038411	9.329030	.5701245	.5057086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5082330	9.773139	.5074630	F 4.989879	.5141073	.2361474
Stddev	.0048916	.029183	.0003817	.011465	.0014036	.0005352
%RSD	.9624637	.2986011	.0752188	.2297617	.2730159	.2266266

#1	.5115757	9.779617	.5079032	4.991038	.5130818	.2357953
#2	.5105047	9.741261	.5072615	4.977879	.5135331	.2358836
#3	.5026187	9.798538	.5072243	5.000720	.5157070	.2367632

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.025651	.5255778	.9318514	F 8.287854	F 2.069279	F 2.443974
Stddev	.068491	.0024578	.0015981	.021935	.010497	.009978
%RSD	.7588443	.4676334	.1715018	.2646614	.5072586	.4082802

#1	9.027784	.5272173	.9304660	8.269753	2.057566	2.454666
#2	9.093049	.5227519	.9335998	8.281562	2.077834	2.442346
#3	8.956118	.5267642	.9314885	8.312247	2.072437	2.434910

Sample Name: ICV003 Acquired: 3/7/2025 12:52:54 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.476643	F 2.001588	F 2.018088	F 2.367093	F 2.502938	F 2.055124
Stddev	.007814	.008247	.013741	.009867	.016928	.001867
%RSD	.3155071	.4120458	.6808737	.4168535	.6763246	.0908571
#1	2.474117	1.992472	2.029460	2.360925	2.522396	2.055101
#2	2.470404	2.003761	2.021984	2.361880	2.494819	2.057002
#3	2.485407	2.008532	2.002820	2.378473	2.491600	2.053268

Elem	Sr4077
Units	ppm
Avg	F 2.354743
Stddev	.017421
%RSD	.7398261
#1	2.364873
#2	2.334627
#3	2.364728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3274.338	73338.38	15551.96	2144.453	4624.049
Stddev	9.088	216.29	41.29	7.644	9.354
%RSD	.2775407	.2949144	.2655001	.3564379	.2022864
#1	3270.621	73541.00	15513.14	2151.343	4623.651
#2	3284.694	73363.51	15595.34	2145.785	4633.595
#3	3267.697	73110.62	15547.39	2136.231	4614.900

Sample Name: ICB003 Acquired: 3/7/2025 12:56:55 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021300	-.000327	-.000036	.0007631	-.001099	-.001713	-.001232
Stddev	.0007978	.000936	.000507	.0032270	.002281	.002338	.000514
%RSD	37.45567	286.0941	1421.434	422.8524	207.5801	136.4880	41.69507
#1	.0029397	-.000093	.000511	-.000360	-.001590	-.003906	-.000788
#2	.0021056	-.001358	-.000126	-.001752	-.003094	-.001980	-.001113
#3	.0013447	.000469	-.000492	.004402	.001388	.000747	-.001795
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	-.000010	-.006988	-.000648	.0000299	-.000211	-.001108
Stddev	.000059	.000031	.005640	.000313	.0000864	.001921	.002161
%RSD	122.2893	295.5071	80.70560	48.22781	289.4566	908.3347	195.1072
#1	-.000018	.000005	-.009271	-.000290	-.000018	-.001004	.000466
#2	-.000116	-.000046	-.011128	-.000792	.000130	.001979	-.003572
#3	-.000011	.000010	-.000565	-.000863	-.000022	-.001609	-.000217
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	-.016513	.0001330	-.000134	-.200225	.0017580	-.000923
Stddev	.0001988	.002736	.0002394	.000140	.219702	.0024313	.000598
%RSD	19941.70	16.57005	180.0468	104.6670	109.7276	138.2983	64.79723
#1	-.000172	-.015293	-.000117	-.000227	-.039691	-.000495	-.000592
#2	.000218	-.014598	.000155	-.000201	-.450611	.001434	-.000563
#3	-.000044	-.019647	.000361	.000027	-.110373	.004335	-.001613
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130017	-.000803	.0050850	-.000067	.0014111	-.001749	-.000485
Stddev	.038136	.001462	.0001294	.000085	.0012934	.002916	.000476
%RSD	29.33126	182.0029	2.545301	126.2460	91.65734	166.7415	98.29576
#1	-.153132	-.002415	.0052283	-.000150	.0023491	-.000758	-.000004
#2	-.086001	.000439	.0049767	-.000070	-.000064	-.005032	-.000492
#3	-.150920	-.000434	.0050499	.000019	.001949	.000543	-.000957

Sample Name: ICB003 Acquired: 3/7/2025 12:56:55 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000566	-.003154	.0000458
Stddev	.000579	.000695	.0000122
%RSD	102.3585	22.02539	26.69045

#1	-.001024	-.002627	.0000328
#2	-.000760	-.003941	.0000571
#3	.000085	-.002893	.0000476

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3343.842	77048.18	15554.62	2241.069	4937.908
Stddev	4.319	861.54	249.97	25.916	7.846
%RSD	.1291505	1.118185	1.607032	1.156408	.1588864

#1	3338.859	76612.80	15719.94	2232.707	4930.102
#2	3346.492	76491.23	15267.05	2220.367	4937.831
#3	3346.176	78040.53	15676.86	2270.134	4945.792

Sample Name: ICSA003 Acquired: 3/7/2025 13:01:03 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065521	-.004426	.0018189	.0177044	.0054522	220.8499
Stddev	.0042684	.001838	.0028235	.0017139	.0037397	1.6669
%RSD	65.14542	41.53043	155.2286	9.680780	68.59001	.7547707

#1	.0068659	-.002838	.0019615	.0194083	.0021752	219.1906
#2	.0021355	-.004001	.0045684	.0177243	.0046554	220.8348
#3	.0106550	-.006440	-.001073	.0159806	.0095262	222.5244

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049853	-.000628	.0005204	237.5130	.0522730	.0019848
Stddev	.0001875	.000037	.0001544	2.1267	.0010367	.0002978
%RSD	3.761755	5.840594	29.66341	.8954069	1.983244	15.00440

#1	.0048175	-.000643	.0006228	236.1800	.0513214	.0017188
#2	.0049506	-.000587	.0003428	239.9656	.0521199	.0019292
#3	.0051877	-.000656	.0005954	236.3933	.0533778	.0023066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002789	98.53715	.0209457	233.8229	.0031237	-.003131
Stddev	.001334	.80856	.0001257	2.0218	.0003669	.000186
%RSD	47.84183	.8205672	.6002882	.8646705	11.74484	5.944795

#1	-.001334	97.94689	.0210775	232.5755	.0027104	-.003338
#2	-.003955	99.45875	.0209324	236.1556	.0034107	-.003078
#3	-.003079	98.20579	.0208271	232.7375	.0032501	-.002978

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.797179	-.004524	-.006798	-.166901	.0034089	F .1428325
Stddev	.344695	.001019	.002502	.035032	.0013473	.0064289
%RSD	43.23935	22.51846	36.80422	20.98941	39.52396	4.500994

#1	-.959566	-.005632	-.008787	-.206270	.0023388	.1392087
#2	-1.03069	-.004311	-.003989	-.139170	.0029660	.1502553
#3	-.40128	-.003628	-.007617	-.155263	.0049220	.1390336

Sample Name: ICSA003 Acquired: 3/7/2025 13:01:03 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000395	.0232136	.0049702	-.005520	-.002443	.0035747
Stddev	.000413	.0052993	.0045276	.001019	.000646	.0010428
%RSD	104.6468	22.82853	91.09503	18.46436	26.44086	29.17235
#1	-.000505	.0241960	-.000013	-.004744	-.002414	.0042347
#2	.000062	.0279530	.006092	-.006674	-.003103	.0041169
#3	-.000742	.0174918	.008832	-.005141	-.001812	.0023725

Elem	Sr4077
Units	ppm
Avg	F .1019570
Stddev	.0010560
%RSD	1.035708
#1	.1012437
#2	.1031701
#3	.1014573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.329	66614.15	14989.60	1954.659	3833.526
Stddev	10.564	335.54	92.90	8.860	9.109
%RSD	.3615045	.5037062	.6197839	.4532662	.2376249
#1	2922.075	66974.67	15023.87	1954.796	3833.623
#2	2933.018	66310.99	15060.50	1963.450	3842.586
#3	2911.894	66556.78	14884.43	1945.732	3824.368

Sample Name: ICSAB003 Acquired: 3/7/2025 13:05:18 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994165	.0997696	.0529478	.0652814	.5939212	226.7037
Stddev	.0030582	.0021634	.0007485	.0022206	.0023218	3.5581
%RSD	3.076160	2.168413	1.413724	3.401504	.3909286	1.569490
#1	.0962303	.1000003	.0536475	.0627174	.5960672	230.1967
#2	.0996911	.1018085	.0521585	.0665386	.5914565	223.0839
#3	.1023282	.0975001	.0530375	.0665880	.5942400	226.8306
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5323959	.4906504	1.000285	243.1473	.6019117	.5069058
Stddev	.0052683	.0011655	.002320	2.0172	.0061922	.0015479
%RSD	.9895394	.2375370	.2319329	.8296111	1.028749	.3053669
#1	.5381218	.4914860	1.001038	244.7979	.6085917	.5066873
#2	.5277539	.4911463	.997682	240.8988	.5963635	.5054787
#3	.5313120	.4893190	1.002134	243.7453	.6007798	.5085513
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4917567	101.0425	.5410145	238.4814	1.016415	.2022084
Stddev	.0011319	.8273	.0042247	1.6991	.003165	.0011967
%RSD	.2301820	.8187243	.7808886	.7124698	.3113841	.5918357
#1	.4927787	101.5523	.5441101	239.6002	1.016774	.2033838
#2	.4919515	100.0880	.5362015	236.5263	1.013086	.2009914
#3	.4905401	101.4871	.5427318	239.3179	1.019385	.2022499
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.583616	.4929692	1.013982	-.361702	.0066225	F .7609290
Stddev	.445759	.0031432	.015388	.069091	.0066056	.0026204
%RSD	76.37879	.6376109	1.517605	19.10161	99.74467	.3443673
#1	-.826288	.4913212	1.026410	-.406051	.0141448	.7633084
#2	-.069172	.4909926	.996770	-.282096	.0017684	.7581206
#3	-.855388	.4965937	1.018767	-.396960	.0039543	.7613580

Sample Name: ICSAB003 Acquired: 3/7/2025 13:05:18 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6562540	.0325381	F .5095260	F .6438075	F .6477586	.0014629
Stddev	.0010411	.0082035	.0005717	.0025137	.0016977	.0007193
%RSD	.1586451	25.21197	.1121947	.3904474	.2620842	49.16660
#1	.6562144	.0291842	.5099080	.6452809	.6460773	.0006767
#2	.6552332	.0265430	.5098013	.6409050	.6494722	.0016244
#3	.6573143	.0418872	.5088688	.6452366	.6477264	.0020878

Elem	Sr4077
Units	ppm
Avg	F .1050698
Stddev	.0008760
%RSD	.8337020
#1	.1058808
#2	.1041408
#3	.1051879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.267	65789.94	15407.21	1893.655	3820.580
Stddev	2.738	450.66	42.47	17.829	5.844
%RSD	.0943573	.6849974	.2756609	.9415306	.1529541
#1	2903.048	65345.55	15438.23	1882.999	3823.344
#2	2902.637	66246.62	15358.80	1914.238	3824.529
#3	2898.114	65777.65	15424.61	1883.727	3813.867

Sample Name: CCV006 Acquired: 3/7/2025 13:09:22 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953841	4.887767	23.95661	4.987409	4.961596	383.6982	10.42119
Stddev	.044300	.033528	.22941	.048538	.049471	1.4261	.02229
%RSD	.8942559	.6859619	.9575890	.9732034	.9970880	.3716786	.2139311
#1	4.971580	4.907195	24.06046	5.001689	4.978985	382.1030	10.40268
#2	4.903421	4.849052	23.69365	4.933333	4.905778	384.8496	10.41495
#3	4.986523	4.907054	24.11573	5.027204	5.000025	384.1422	10.44594
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4760127	2.435919	394.4219	15.34492	2.431560	14.74325	397.4526
Stddev	.0022224	.025229	1.6367	.04226	.024879	.02693	2.3276
%RSD	.4668834	1.035709	.4149619	.2754323	1.023152	.1826283	.5856338
#1	.4785682	2.448020	392.6245	15.29887	2.442693	14.74883	394.8709
#2	.4745326	2.406919	394.8149	15.35396	2.403059	14.71398	398.0961
#3	.4749372	2.452819	395.8263	15.38194	2.448928	14.76696	399.3907
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.32442	392.8769	2.426978	1.267983	379.1707	2.431405	15.48318
Stddev	.09837	1.7408	.024730	.003743	.7403	.006997	.12627
%RSD	.6419220	.4430899	1.018965	.2952086	.1952377	.2877559	.8155503
#1	15.22879	390.9735	2.439719	1.263932	379.2027	2.433954	15.36482
#2	15.31916	393.2688	2.398476	1.271313	378.4149	2.423492	15.46861
#3	15.42532	394.3883	2.442740	1.268704	379.8944	2.436770	15.61610
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	158.7255	4.870253	5.097852	4.875888	4.921269	4.831560	4.859841
Stddev	.9620	.036792	.007420	.046128	.033523	.006660	.044923
%RSD	.6060889	.7554458	.1455564	.9460417	.6811961	.1378512	.9243794
#1	157.6161	4.880441	5.104547	4.891415	4.941906	4.839227	4.866918
#2	159.2300	4.829441	5.099137	4.824000	4.882589	4.828240	4.811799
#3	159.3303	4.900878	5.089874	4.912249	4.939313	4.827212	4.900805

Sample Name: CCV006 Acquired: 3/7/2025 13:09:22 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.884700	5.248657	5.250571
Stddev	.004003	.037371	.025370
%RSD	.0819442	.7120162	.4831846

#1	4.886559	5.207089	5.274692
#2	4.880106	5.259407	5.224113
#3	4.887435	5.279475	5.252908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.248	61724.00	14644.88	1737.569	3391.019
Stddev	22.022	116.41	80.06	4.713	28.260
%RSD	.8259494	.1885913	.5466471	.2712213	.8333801

#1	2654.892	61846.59	14552.97	1742.863	3375.877
#2	2691.629	61710.44	14682.24	1736.015	3423.624
#3	2652.221	61614.97	14699.42	1733.831	3373.557

Sample Name: CCB006 Acquired: 3/7/2025 13:13:40 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000163	.0006559	.0000341	.0001075	-.001013	.0043060	-.002878
Stddev	.000662	.0015612	.0009180	.0027314	.000277	.0018607	.000607
%RSD	407.2472	238.0296	2695.414	2540.521	27.37811	43.21158	21.08890
#1	-.000923	.0003229	.0010721	-.001923	-.001256	.0049982	-.003565
#2	.000146	.0023568	-.000671	.003213	-.000711	.0021984	-.002657
#3	.000289	-.000712	-.000299	-.000968	-.001071	.0057214	-.002413
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.000001	.0003028	-.000179	-.000128	.0013671	-.002522
Stddev	.000040	.000017	.0040117	.000068	.000040	.0027511	.005659
%RSD	51.81354	1238.867	1324.679	38.13334	31.53602	201.2349	224.3816
#1	-.000047	-.000021	.0047447	-.000108	-.000129	-.001489	.002303
#2	-.000124	.000013	-.000779	-.000245	-.000168	.003999	-.008750
#3	-.000063	.000004	-.003057	-.000185	-.000087	.001591	-.001119
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002471	-.006878	-.000344	-.000173	-.286025	.0010131	.0009558
Stddev	.0002612	.006630	.000152	.000130	.236828	.0004159	.0014598
%RSD	105.6854	96.38231	44.29044	75.10333	82.79966	41.05515	152.7356
#1	-.000040	-.014308	-.000179	-.000236	-.537690	.0009756	.0017383
#2	.000310	-.001566	-.000371	-.000260	-.252854	.0006172	.0018575
#3	.000471	-.004761	-.000480	-.000024	-.067532	.0014465	-.000728
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.173834	.0010518	.0047129	.0000500	-.000006	-.000287	-.000404
Stddev	.008702	.0017680	.0003229	.0002949	.002520	.002329	.000853
%RSD	5.006014	168.0918	6.851757	590.4744	42764.03	810.7256	211.0356
#1	-.163793	.0029553	.0050843	.0000574	-.002437	.002245	.000149
#2	-.179175	.0007392	.0045562	.0003411	-.000174	-.000770	-.001386
#3	-.178535	-.000539	.0044983	-.000249	.002594	-.002337	.000025

Sample Name: CCB006 Acquired: 3/7/2025 13:13:40 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002329	-.002622	.0000636
Stddev	.0002812	.001369	.0000251
%RSD	120.7381	52.22882	39.44900

#1	.0005467	-.003999	.0000846
#2	.0000038	-.001260	.0000703
#3	.0001482	-.002608	.0000358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.169	78027.52	15601.26	2218.387	4960.653
Stddev	13.330	1035.15	25.78	27.496	18.373
%RSD	.3978950	1.326646	.1652723	1.239471	.3703691

#1	3343.835	78961.09	15611.04	2248.990	4956.172
#2	3365.485	76914.31	15572.02	2195.761	4980.851
#3	3341.187	78207.17	15620.72	2210.410	4944.935

Sample Name: Q1106-03A Acquired: 3/7/2025 13:17:49 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034734	.0004384	.0012751	-.002632	.0002235	1.426766
Stddev	.0012441	.0022932	.0017449	.005378	.0002684	.022821
%RSD	35.81786	523.1408	136.8380	204.3122	120.0724	1.599521

#1	.0022433	.0019202	.0023209	-.002435	-.000072	1.407983
#2	.0047310	-.002203	.0022437	-.008105	.000292	1.452164
#3	.0034459	.001598	-.000739	.002644	.000451	1.420152

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2168877	-.000080	-.000060	114.4056	.0228705	-.000408
Stddev	.0039624	.000045	.000069	1.5160	.0006369	.000086
%RSD	1.826918	56.13971	114.4930	1.325122	2.784931	21.01080

#1	.2123676	-.000104	-.000138	112.7663	.0221350	-.000494
#2	.2197616	-.000107	-.000013	115.7571	.0232317	-.000322
#3	.2185340	-.000028	-.000028	114.6935	.0232446	-.000409

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009431	.0026663	.0349520	.0206076	.0000238	-.000554
Stddev	.0012343	.0008242	.0001110	.0080209	.0003140	.000222
%RSD	130.8842	30.91073	.3174615	38.92217	1318.517	39.99333

#1	.0023477	.0029400	.0349759	.0273440	.0003248	-.000339
#2	.0004502	.0033188	.0350490	.0117348	-.000302	-.000543
#3	.0000313	.0017401	.0348310	.0227440	.000048	-.000782

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.215332	.0035839	.0238469	-.107895	.0009828	.0363581
Stddev	.265149	.0015650	.0020365	.063766	.0017888	.0008056
%RSD	8.246396	43.66856	8.539866	59.09958	182.0069	2.215822

#1	3.218277	.0041325	.0216605	-.175896	-.000881	.0368158
#2	3.478997	.0018184	.0241907	-.049441	.002685	.0354279
#3	2.948724	.0048007	.0256897	-.098349	.001144	.0368308

Sample Name: Q1106-03A Acquired: 3/7/2025 13:17:49 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8G6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524616	F 11.61542	3.305734	-.003854	-.003496	-.001834
Stddev	.0001576	.00805	.015822	.000373	.000355	.001060
%RSD	.3004585	.0692924	.4786085	9.670954	10.16162	57.78062
#1	.0523071	11.60734	3.313210	-.003708	-.003130	-.001012
#2	.0524556	11.61548	3.316434	-.004278	-.003518	-.003030
#3	.0526222	11.62343	3.287561	-.003577	-.003839	-.001461

Elem	Sr4077
Units	ppm
Avg	.2698425
Stddev	.0038471
%RSD	1.425669
#1	.2657755
#2	.2734234
#3	.2703287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.966	75206.83	15739.74	2198.203	4665.361
Stddev	15.777	1010.85	45.39	27.381	18.683
%RSD	.4814512	1.344097	.2883746	1.245624	.4004638
#1	3291.714	76363.56	15707.74	2229.102	4683.752
#2	3278.853	74493.20	15791.69	2188.553	4665.934
#3	3260.330	74763.73	15719.79	2176.952	4646.399

Sample Name: Q1160-01A Acquired: 3/7/2025 13:21:53 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099933	.0000645	.0028489	.0004255	.0000730	4.500371
Stddev	.0018566	.0016238	.0011129	.0016569	.0004684	.009966
%RSD	18.57804	2518.556	39.06401	389.4045	641.2807	.2214586

#1	.0120810	.0015073	.0016369	.0023153	.0002293	4.492474
#2	.0093713	.0003800	.0038247	-.000778	.0004433	4.511569
#3	.0085276	-.001694	.0030850	-.000261	-.000454	4.497070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2313852	.0000241	-.000011	7.113682	.0033090	.0030116
Stddev	.0007982	.0000890	.000075	.016853	.0001724	.0000962
%RSD	.3449628	370.0466	695.5892	.2369028	5.210656	3.193024

#1	.2305479	-.000031	-.000092	7.097751	.0031136	.0029033
#2	.2321375	.000127	.000005	7.131325	.0033733	.0030444
#3	.2314703	-.000024	.000055	7.111968	.0034400	.0030870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127850	4.073370	.0830367	5.597263	.0082741	-.000345
Stddev	.0025145	.012236	.0003288	.017687	.0000738	.000227
%RSD	19.66721	.3003835	.3960198	.3159865	.8918689	65.75632

#1	.0107832	4.059248	.0831757	5.577233	.0083489	-.000194
#2	.0119647	4.080793	.0832731	5.610730	.0082720	-.000235
#3	.0156072	4.080070	.0826611	5.603827	.0082014	-.000606

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.301646	.0063937	.1930173	-.843599	.1796017	.3423544
Stddev	.251790	.0007080	.0043835	.027634	.0008662	.0021695
%RSD	3.995627	11.07392	2.271037	3.275713	.4823120	.6336871

#1	6.299398	.0063860	.1924209	-.862558	.1786051	.3448551
#2	6.050987	.0056895	.1976684	-.856347	.1800255	.3409758
#3	6.554553	.0071056	.1889625	-.811893	.1801745	.3412323

Sample Name: Q1160-01A Acquired: 3/7/2025 13:21:53 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011184	F 10.63340	6.282295	-.001322	.0391364	-.003231
Stddev	.0001255	.03103	.027252	.000569	.0010666	.000880
%RSD	11.22309	.2918226	.4337927	43.02064	2.725268	27.23880

#1	.0011407	10.62128	6.312935	-.000972	.0401277	-.003768
#2	.0009832	10.61027	6.260765	-.001978	.0392738	-.002215
#3	.0012312	10.66866	6.273186	-.001016	.0380078	-.003710

Elem	Sr4077
Units	ppm
Avg	.0611530
Stddev	.0003042
%RSD	.4974415

#1	.0608367
#2	.0611790
#3	.0614434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3362.503	77698.82	16365.61	2262.093	4941.486
Stddev	15.990	142.86	71.79	7.989	10.989
%RSD	.4755391	.1838624	.4386934	.3531650	.2223816

#1	3376.632	77862.65	16284.52	2253.669	4952.519
#2	3365.733	77600.24	16421.07	2263.047	4941.399
#3	3345.145	77633.56	16391.25	2269.561	4930.541

Sample Name: CCV007 Acquired: 3/7/2025 13:28:02 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
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	4.983604	4.788001	23.87926	5.019909	5.005691	385.2917	10.35541
Stddev	.017814	.048652	.07178	.035522	.014851	2.4223	.06822
%RSD	.3574563	1.016118	.3005847	.7076237	.2966883	.6286867	.6588345
#1	4.975716	4.809526	23.89135	5.003806	4.997358	388.0432	10.36660
#2	4.971096	4.732299	23.80221	4.995291	4.996876	384.3514	10.41735
#3	5.004000	4.822177	23.94423	5.060631	5.022837	383.4806	10.28228
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4843430	2.419025	391.7055	15.39583	2.431316	14.83675	396.7246
Stddev	.0015774	.010541	.7797	.03203	.008962	.01942	.1038
%RSD	.3256817	.4357374	.1990425	.2080702	.3686221	.1309083	.0261676
#1	.4856633	2.421242	392.2241	15.43043	2.430342	14.83969	396.8416
#2	.4825962	2.407552	392.0836	15.38985	2.422880	14.81602	396.6887
#3	.4847694	2.428281	390.8089	15.36721	2.440725	14.85452	396.6435
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24452	391.1934	2.422102	1.273396	380.3142	2.440877	15.48635
Stddev	.02598	.2138	.010123	.004916	1.2370	.006426	.05582
%RSD	.1704224	.0546427	.4179594	.3860639	.3252646	.2632528	.3604204
#1	15.27205	391.2688	2.422665	1.278731	381.5436	2.438242	15.54539
#2	15.24106	390.9522	2.411710	1.272410	379.0696	2.436188	15.43445
#3	15.22044	391.3593	2.431933	1.269048	380.3292	2.448202	15.47919
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.1114	4.862230	5.166982	4.898193	4.902369	4.866134	4.830931
Stddev	.4271	.011668	.017227	.021024	.032571	.011478	.019831
%RSD	.2667445	.2399667	.3334057	.4292215	.6643869	.2358787	.4105040
#1	160.1327	4.868753	5.173272	4.896728	4.874111	4.869526	4.827083
#2	160.5275	4.848760	5.147494	4.877940	4.895005	4.853343	4.813305
#3	159.6741	4.869178	5.180180	4.919911	4.937991	4.875535	4.852404

Sample Name: CCV007 Acquired: 3/7/2025 13:28:02 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.910087	5.265801	5.203922
Stddev	.010953	.017276	.036166
%RSD	.2230721	.3280708	.6949689

#1	4.912763	5.273982	5.245121
#2	4.898044	5.277466	5.189235
#3	4.919454	5.245955	5.177410

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.484	61015.89	14374.61	1720.272	3366.368
Stddev	8.197	94.57	42.84	6.080	10.480
%RSD	.3113977	.1549913	.2980503	.3534254	.3113066

#1	2630.881	60911.63	14363.00	1713.290	3363.546
#2	2641.365	61039.91	14422.06	1724.395	3377.970
#3	2625.207	61096.14	14338.77	1723.131	3357.588

Sample Name: CCB007 Acquired: 3/7/2025 13:32:20 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
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	.0011961	-.001107	.0001343	-.000047	-.001368	-.003806	-.001644
Stddev	.0021913	.001023	.0002037	.001798	.000170	.001838	.000507
%RSD	183.2090	92.40652	151.7063	3835.983	12.45664	48.28430	30.86746
#1	-.000599	-.002272	.0000220	.000350	-.001529	-.003246	-.001562
#2	.003638	-.000694	.0000114	-.002010	-.001189	-.002314	-.001182
#3	.000549	-.000355	.0003694	.001520	-.001387	-.005859	-.002187
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	.0000496	-.005252	-.000372	-.000150	-.002168	-.004614
Stddev	.000085	.0000735	.002040	.000090	.000095	.000397	.006859
%RSD	177.1390	148.2587	38.84160	24.23976	63.32143	18.29752	148.6479
#1	.000027	.0000960	-.006619	-.000474	-.000081	-.002373	-.011451
#2	-.000141	-.000035	-.006231	-.000301	-.000111	-.002421	.002267
#3	-.000031	.000088	-.002907	-.000342	-.000258	-.001711	-.004660
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002740	-.010176	-.000108	-.000340	-.494822	.0001500	-.001237
Stddev	.0001535	.009367	.000086	.000183	.057951	.0006535	.001879
%RSD	56.02757	92.04844	79.46640	53.68487	11.71142	435.7794	151.8976
#1	.0003432	.000308	-.000206	-.000550	-.496119	-.000405	-.002754
#2	.0003808	-.017719	-.000042	-.000217	-.552112	.000870	-.001821
#3	.0000981	-.013116	-.000078	-.000254	-.436233	-.000016	.000864
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.192715	.0005957	.0029838	.0001963	.0043626	-.000673	-.000429
Stddev	.075379	.0006170	.0004319	.0002753	.0011520	.002453	.000246
%RSD	39.11438	103.5776	14.47497	140.2320	26.40745	364.3325	57.29111
#1	-.269342	.0004294	.0031827	.0002481	.0055556	-.000053	-.000160
#2	-.190156	.0012789	.0024883	.0004420	.0042758	-.003377	-.000642
#3	-.118648	.0000789	.0032805	-.000101	.0032564	.001410	-.000484

Sample Name: CCB007 Acquired: 3/7/2025 13:32:20 Type: Unk
Method: EPA SFAM01.0(v69) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001463	-.003338	.0000843
Stddev	.0004000	.000816	.0000400
%RSD	273.4870	24.44603	47.42607

#1	.0001319	-.002745	.0000381
#2	.0005532	-.003001	.0001075
#3	-.000246	-.004269	.0001074

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3382.915	77412.85	15965.17	2206.188	5057.890
Stddev	10.252	1423.48	54.91	38.579	14.623
%RSD	.3030644	1.838821	.3439061	1.748658	.2891097

#1	3373.864	78168.19	15958.82	2230.478	5046.860
#2	3394.049	75770.90	15913.72	2161.704	5074.476
#3	3380.833	78299.46	16022.98	2226.382	5052.333