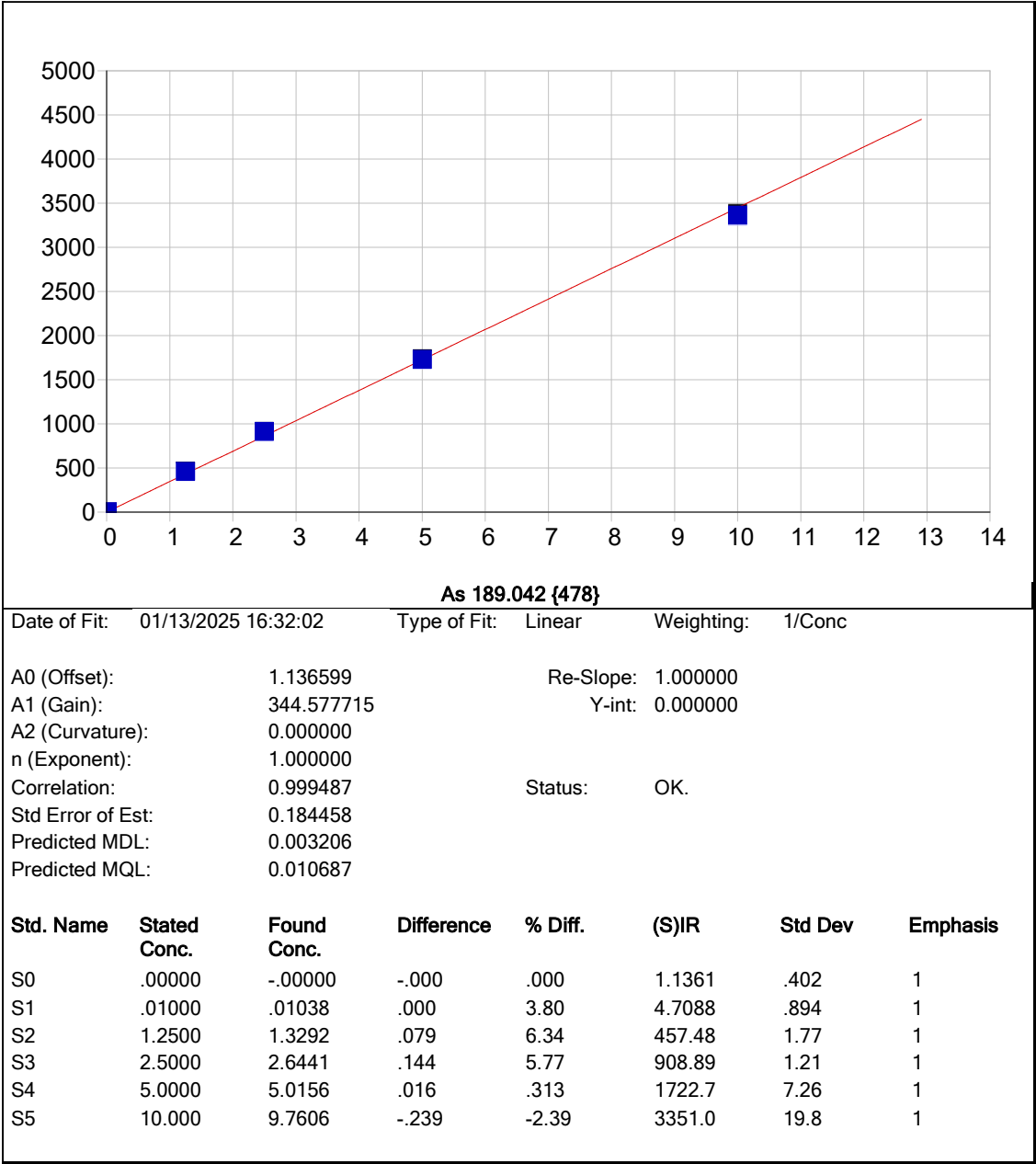
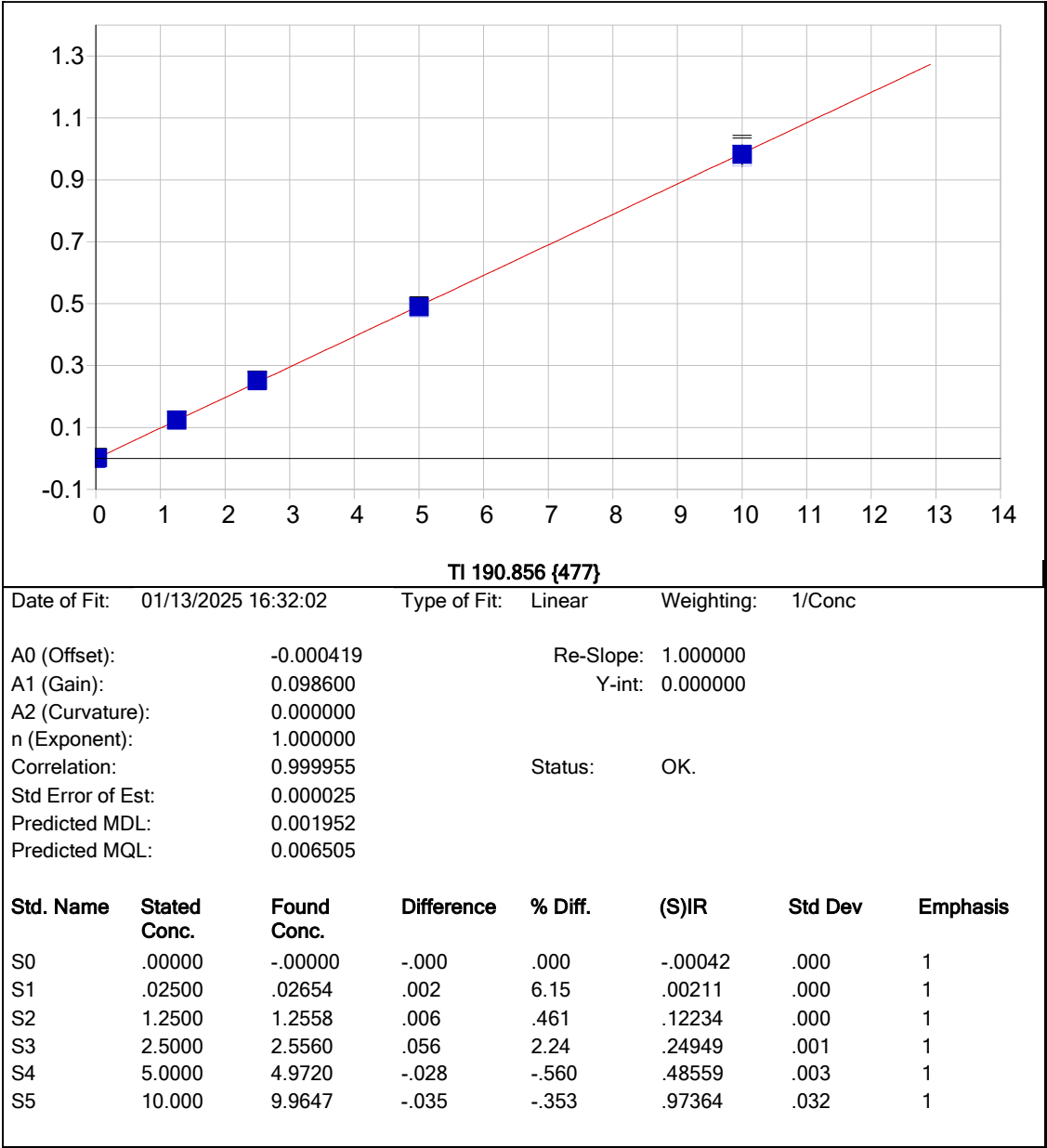
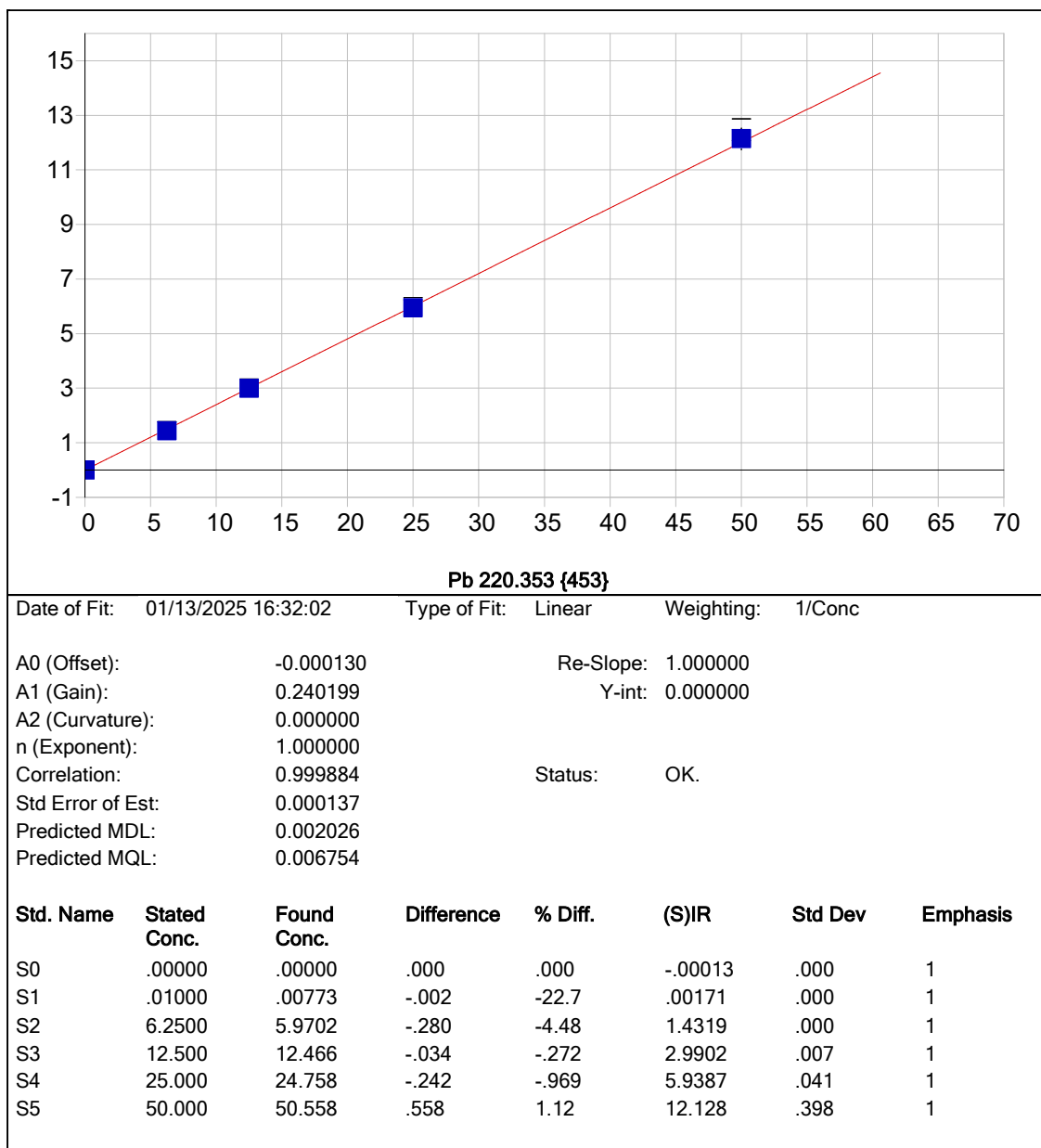
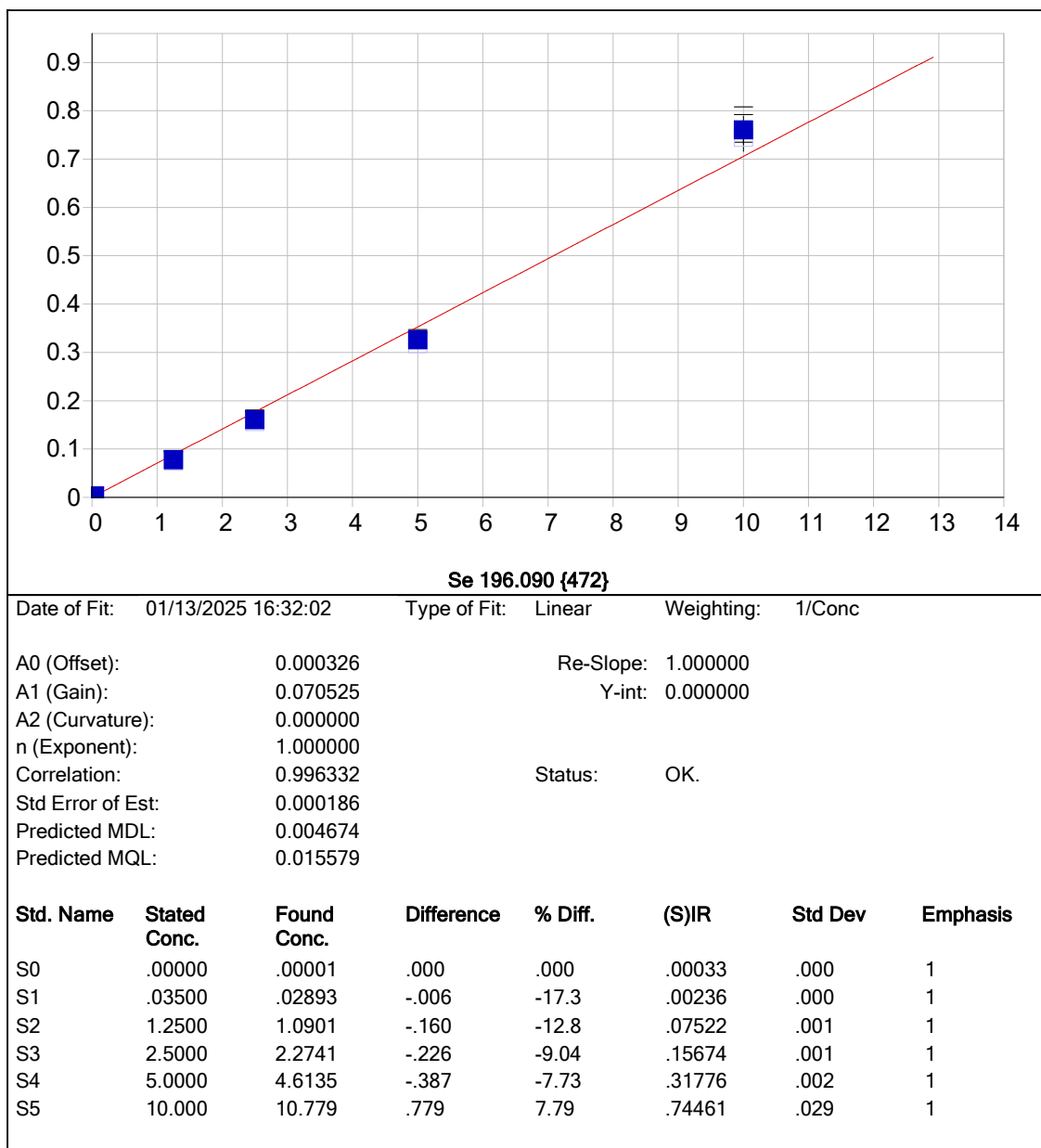
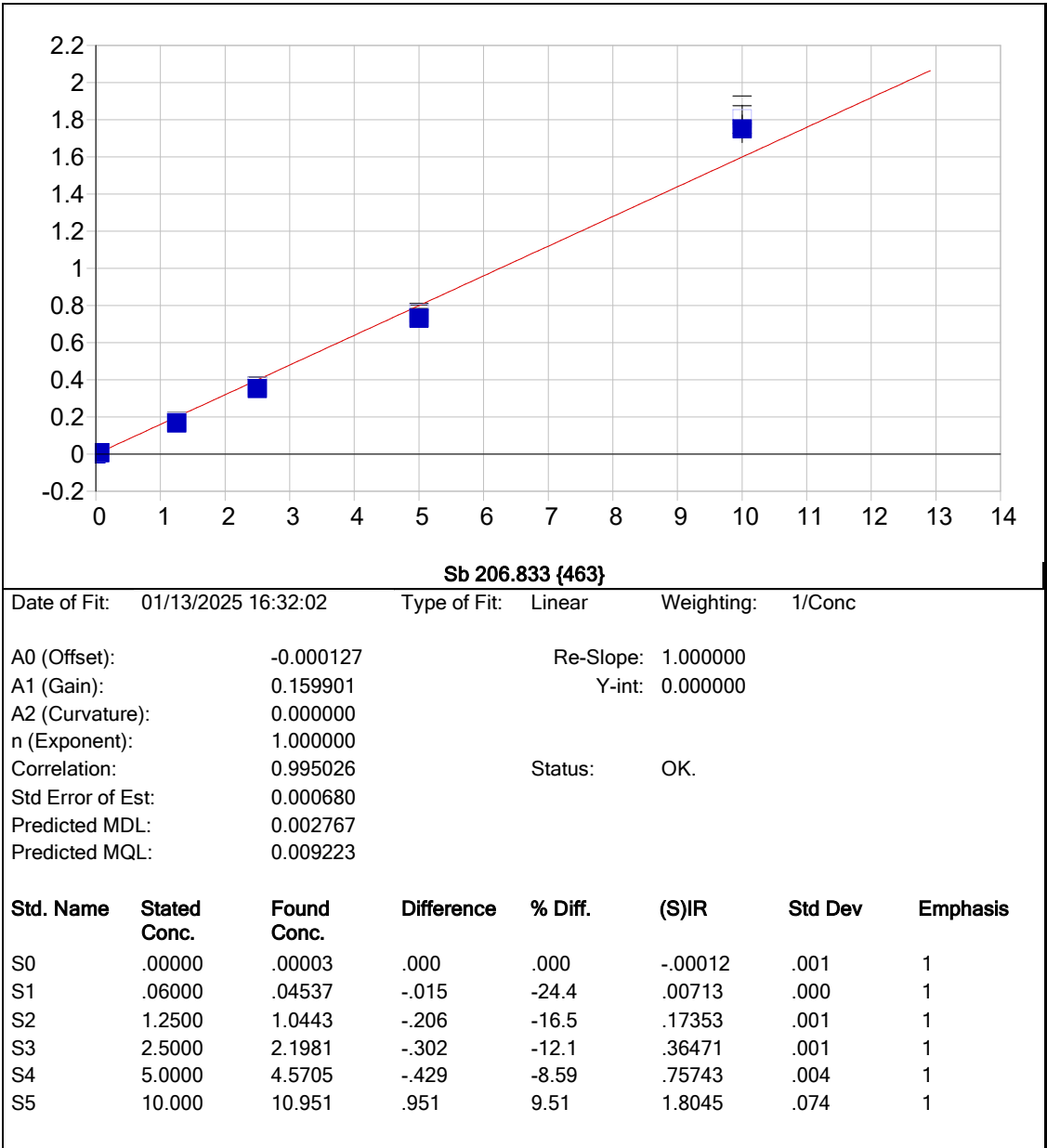


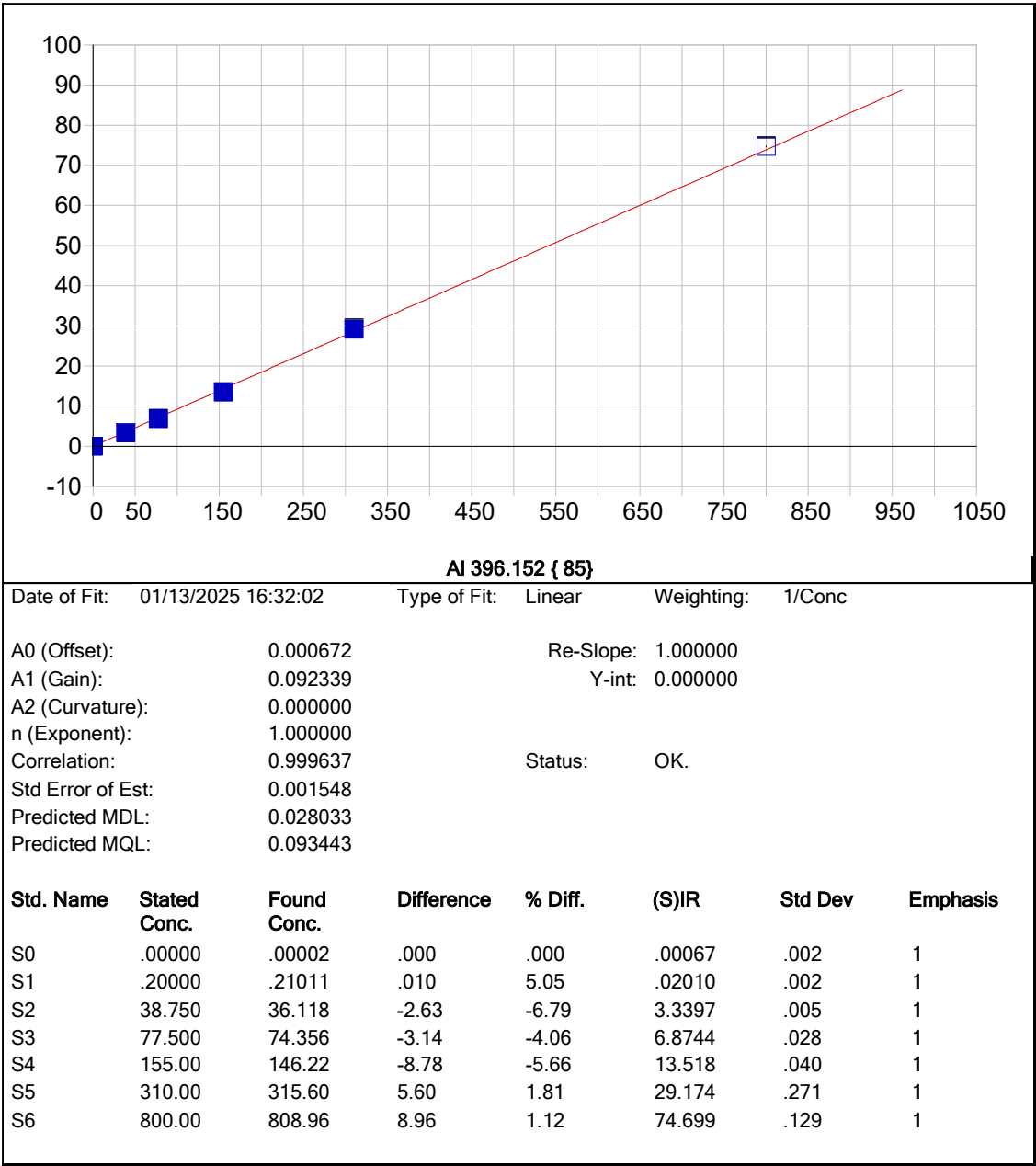


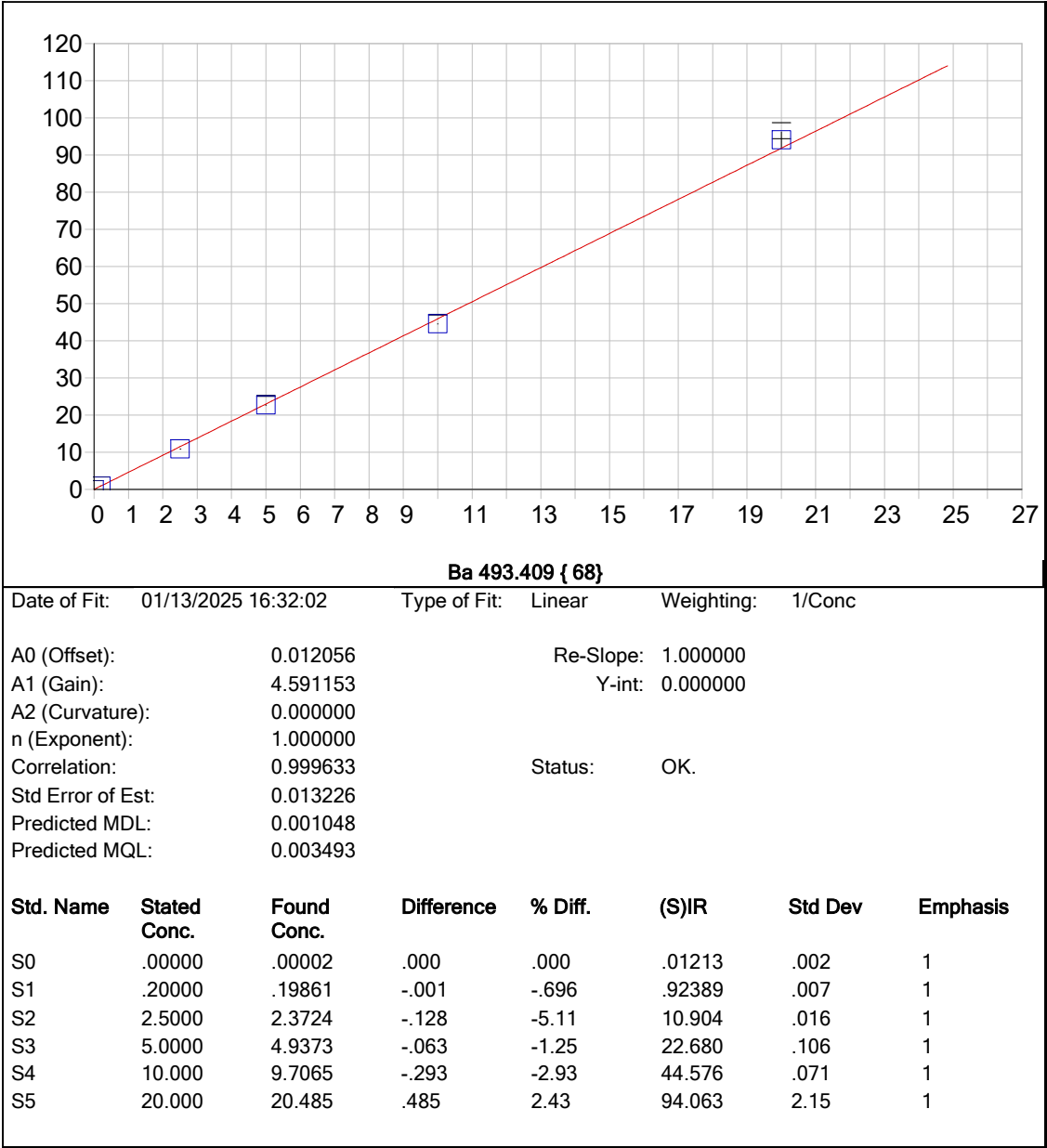


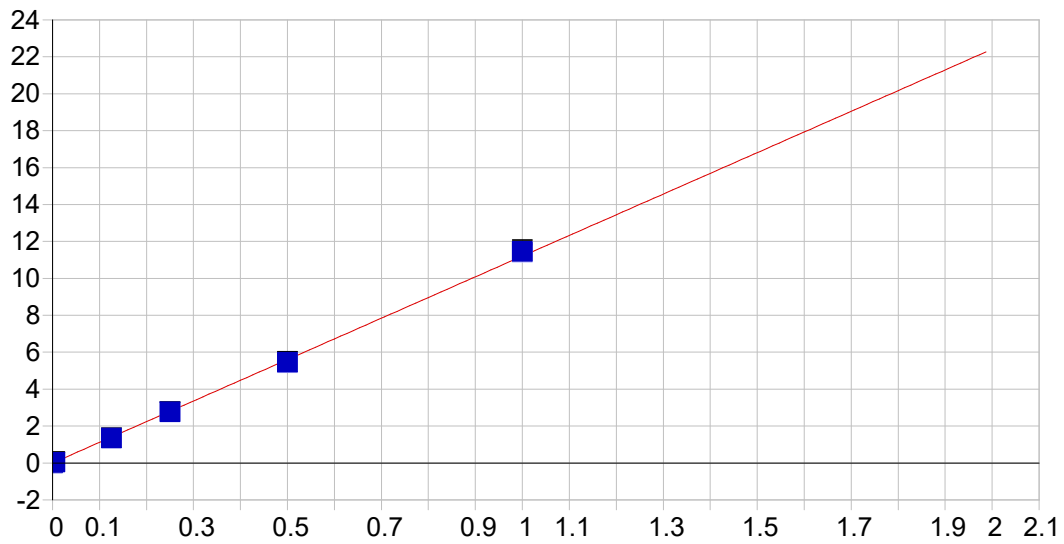










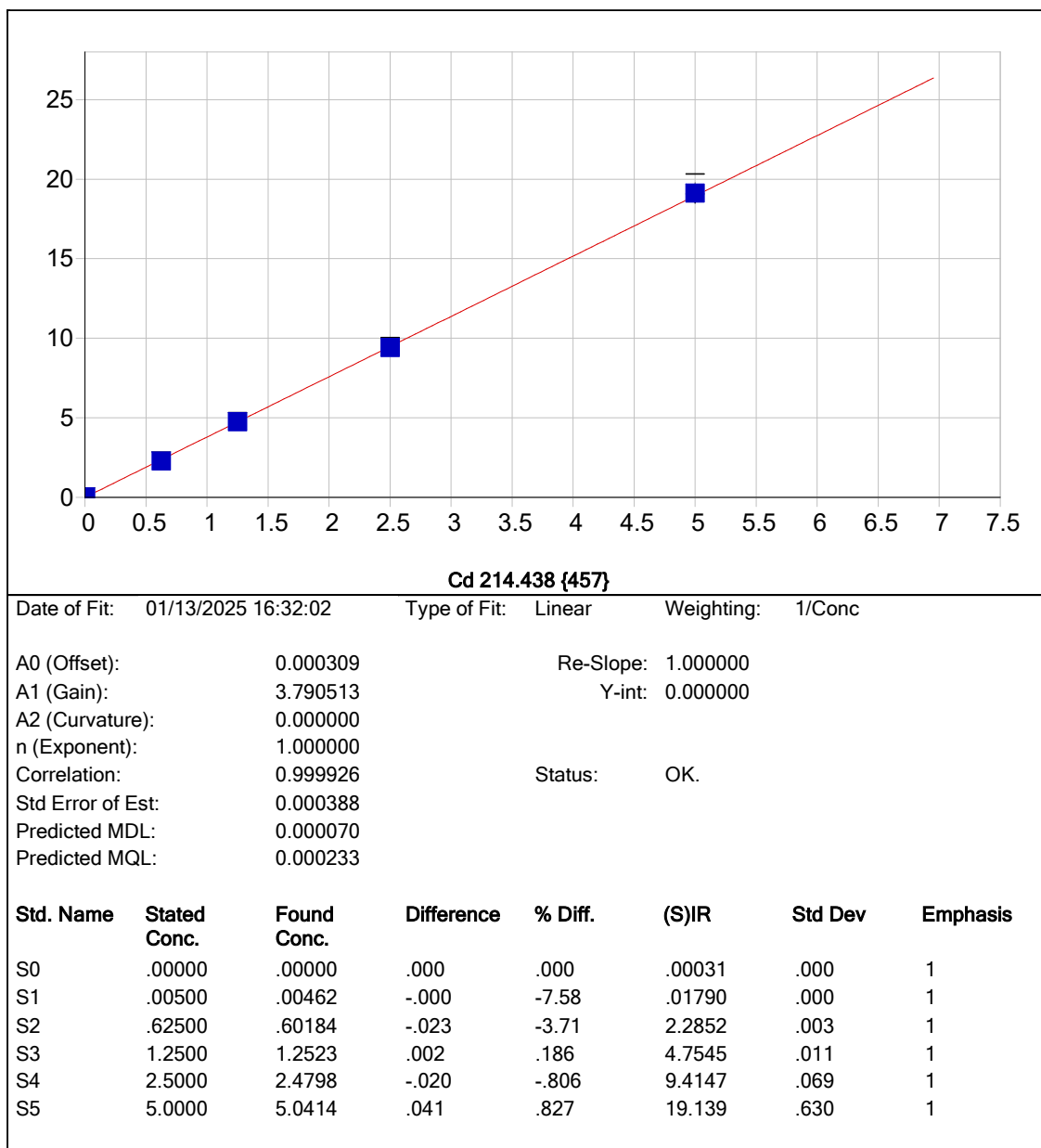


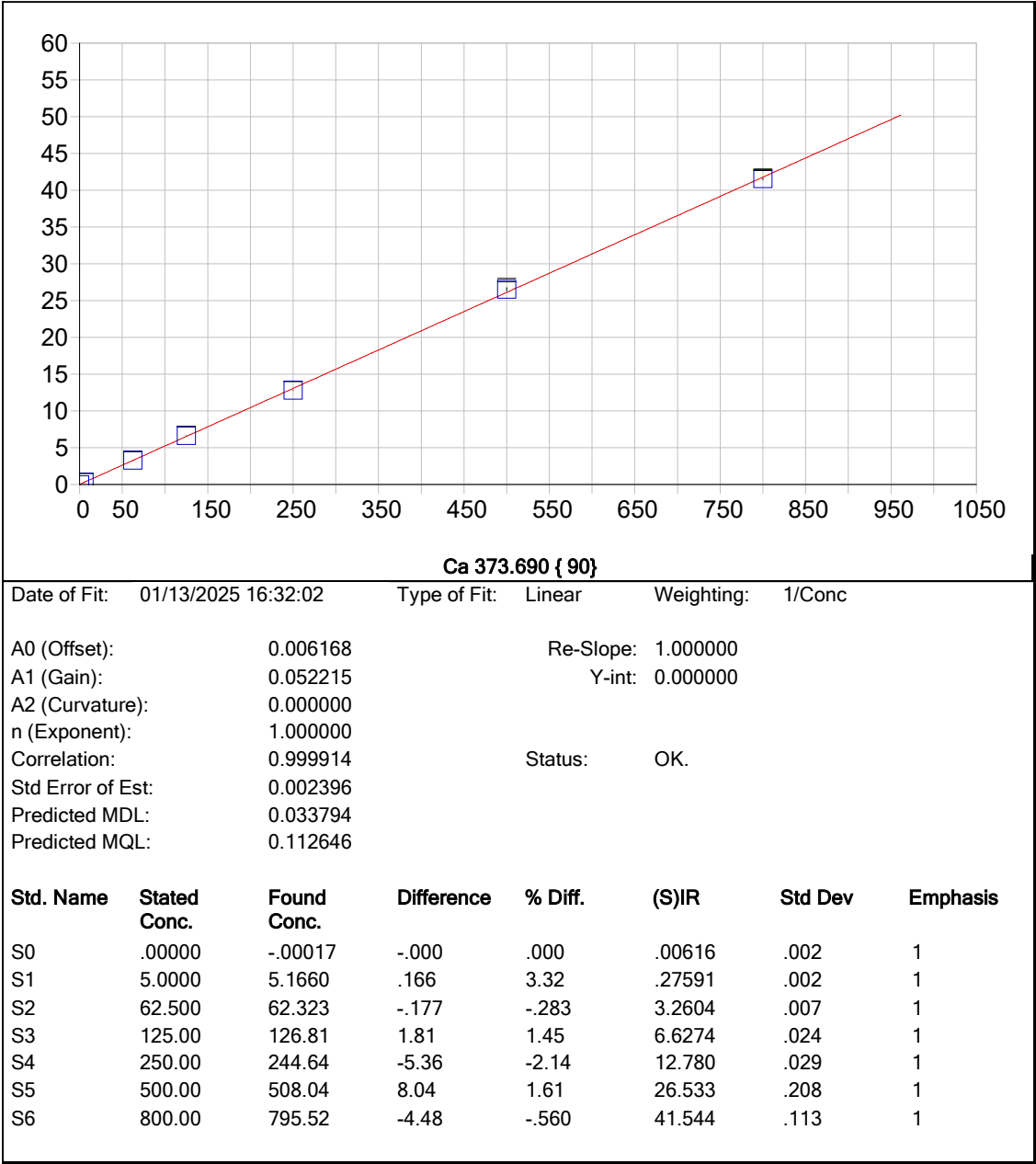
Be 234.861 {144}

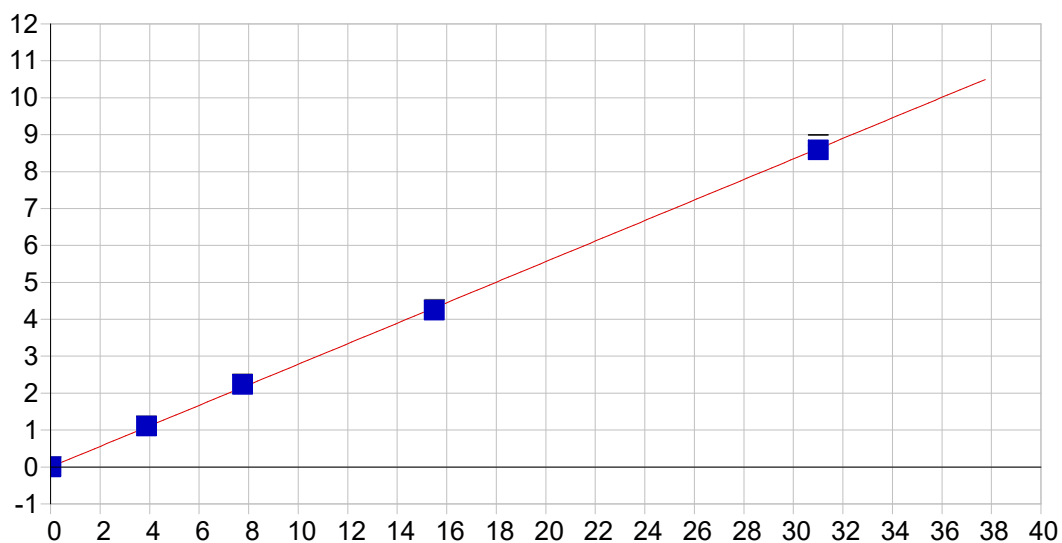
Date of Fit: 01/13/2025 16:32:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003350 Re-Slope: 1.000000
A1 (Gain): 11.207763 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999722 Status: OK.
Std Error of Est: 0.000987
Predicted MDL: 0.000154
Predicted MQL: 0.000514

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00335	.001	1
S1	.00500	.00511	.000	2.30	.05392	.001	1
S2	.12500	.12063	-.004	-3.50	1.3422	.006	1
S3	.25000	.24673	-.003	-1.31	2.7490	.021	1
S4	.50000	.48620	-.014	-2.76	5.4201	.061	1
S5	1.0000	1.0213	.021	2.13	11.392	.109	1





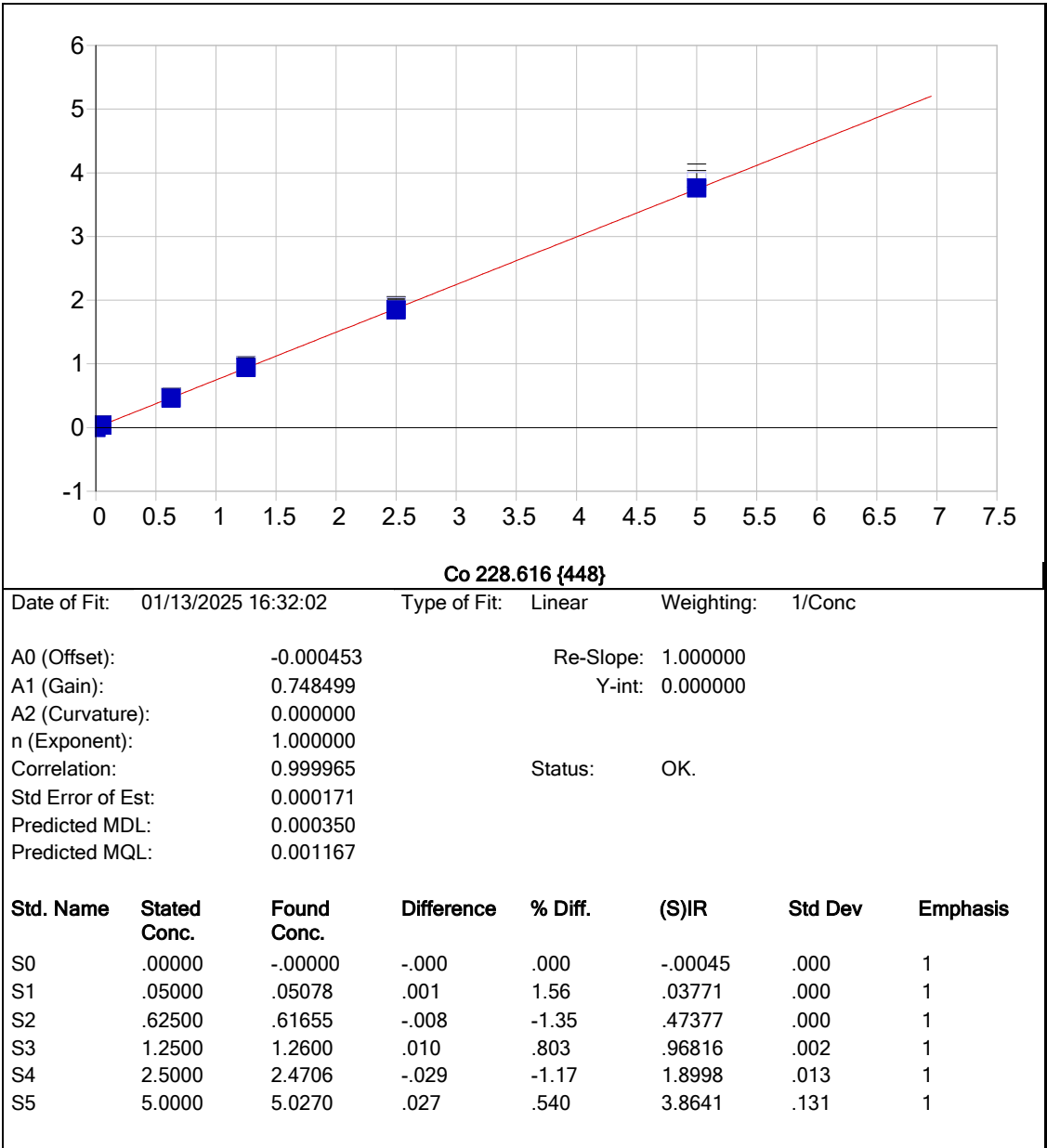


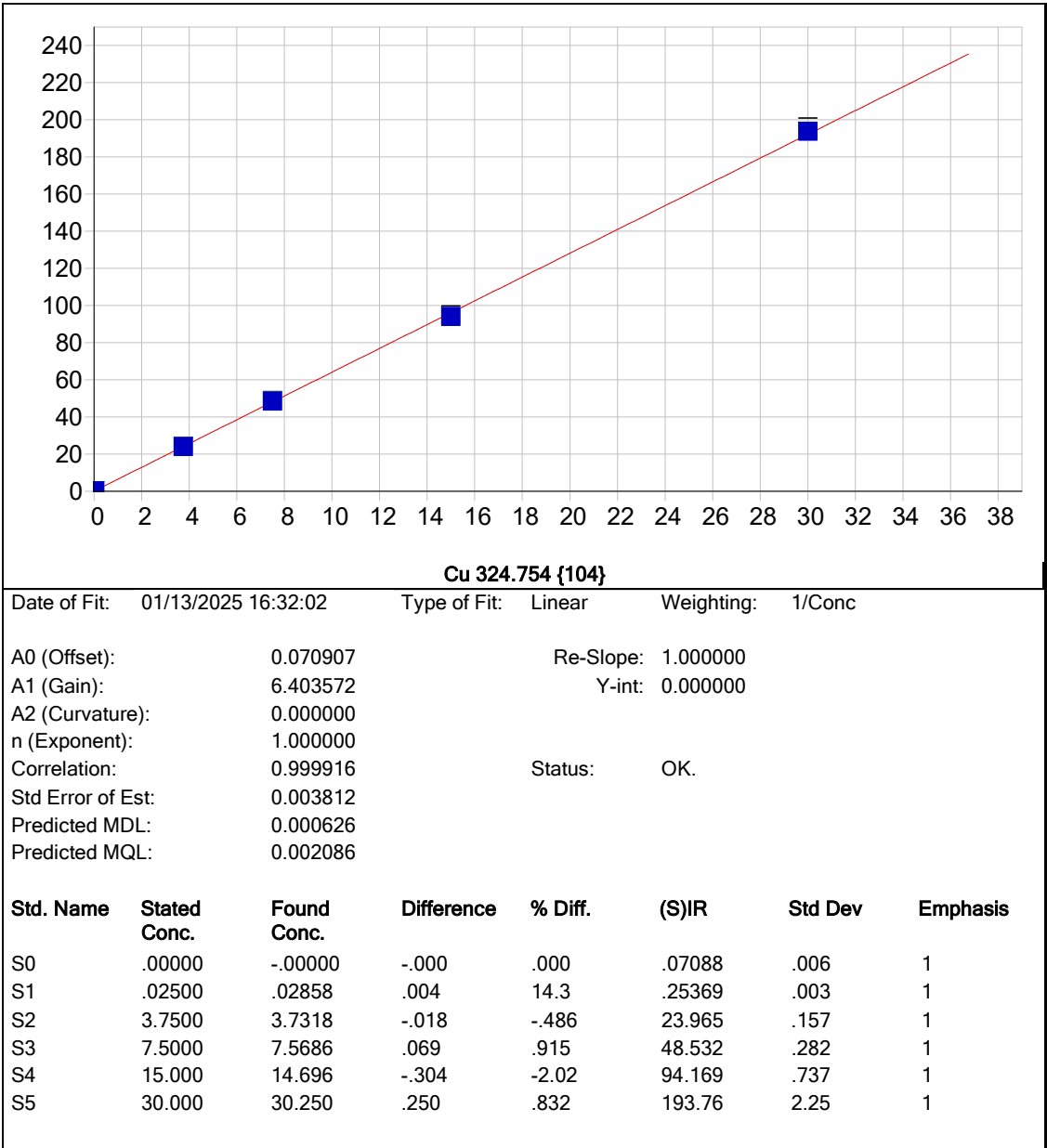
Cr 267.716 {126}

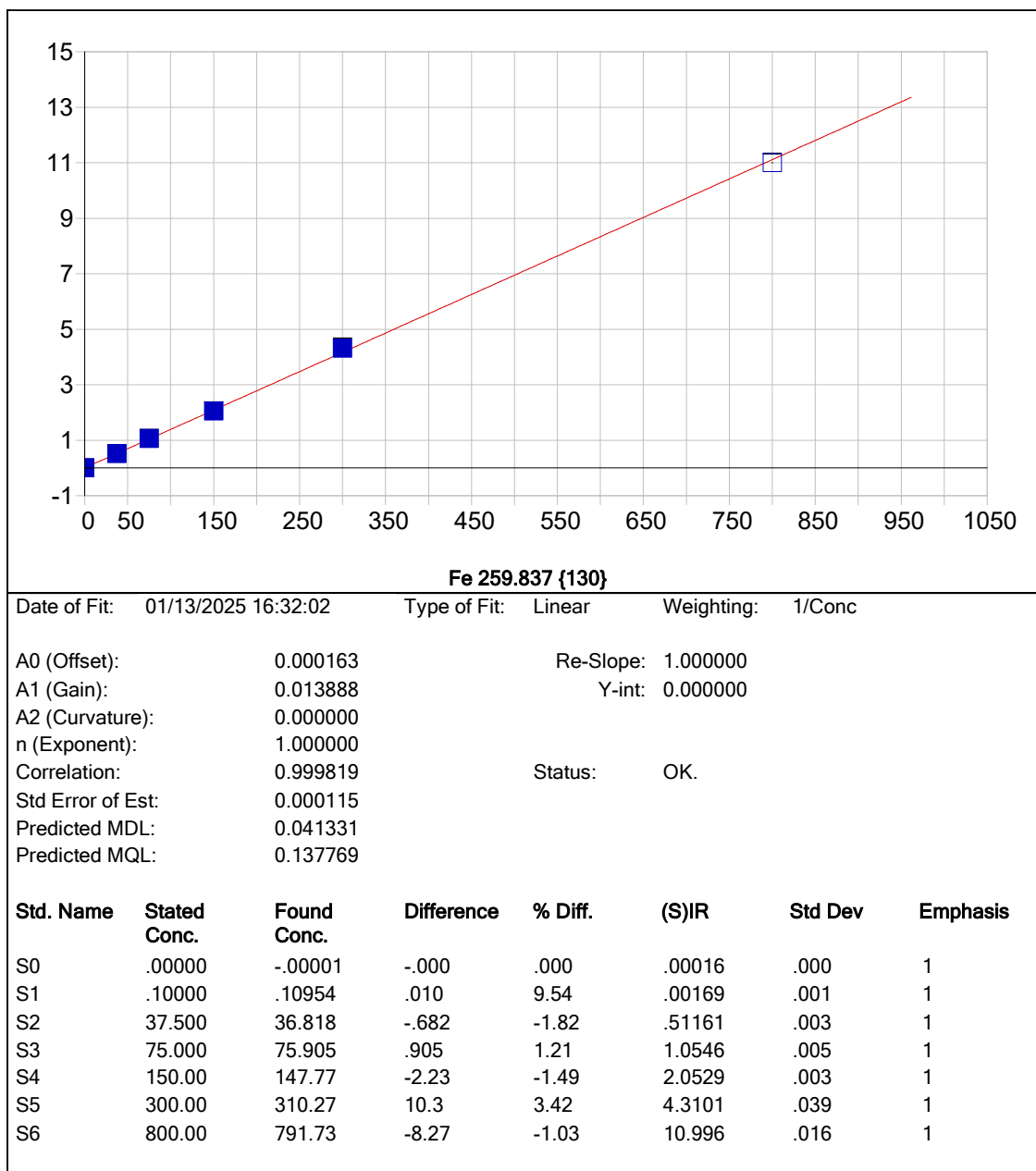
Date of Fit: 01/13/2025 16:32:02 Type of Fit: Linear Weighting: 1/Conc

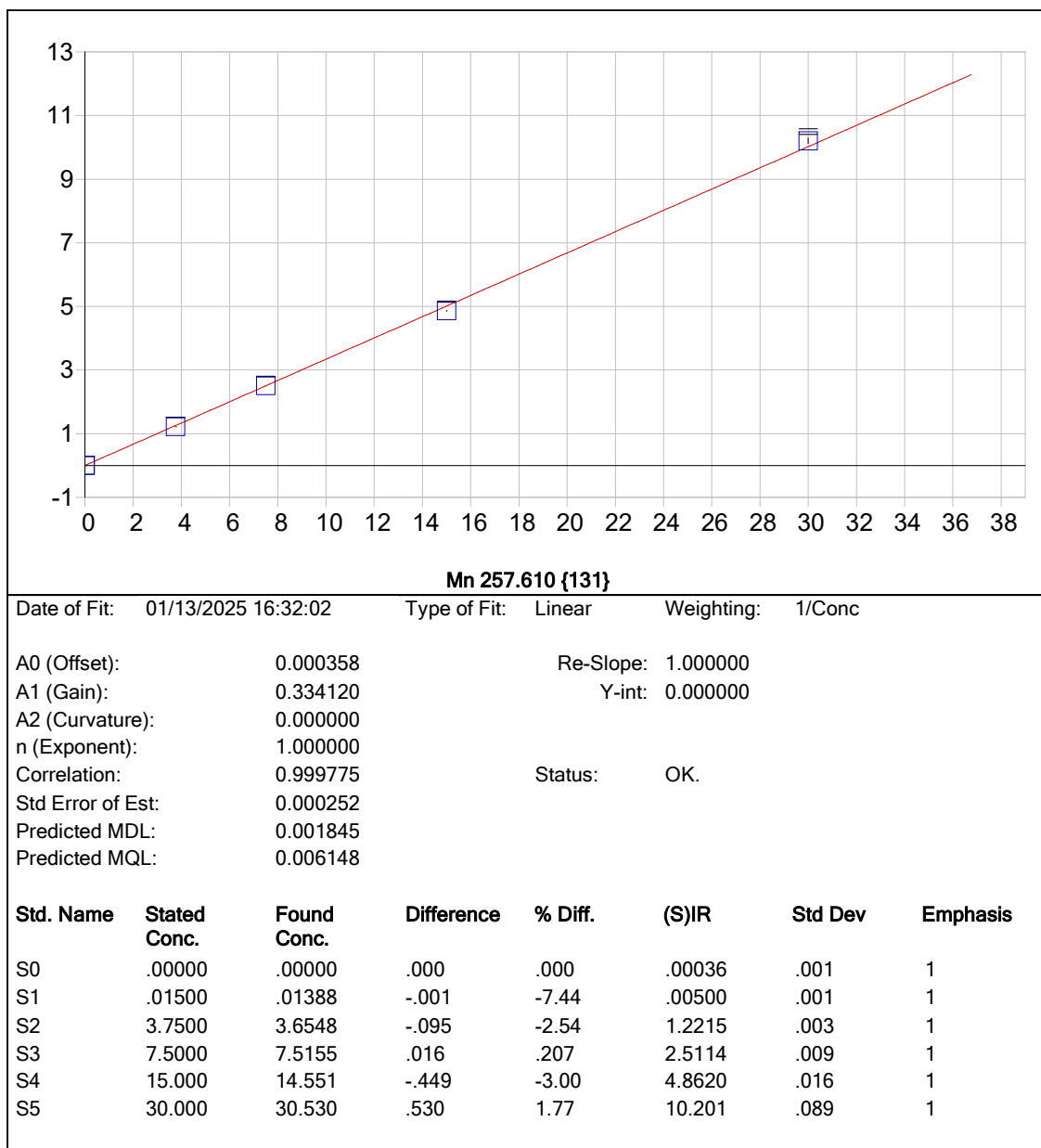
A0 (Offset): -0.000033 Re-Slope: 1.000000
A1 (Gain): 0.278073 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999859 Status: OK.
Std Error of Est: 0.000138
Predicted MDL: 0.000687
Predicted MQL: 0.002290

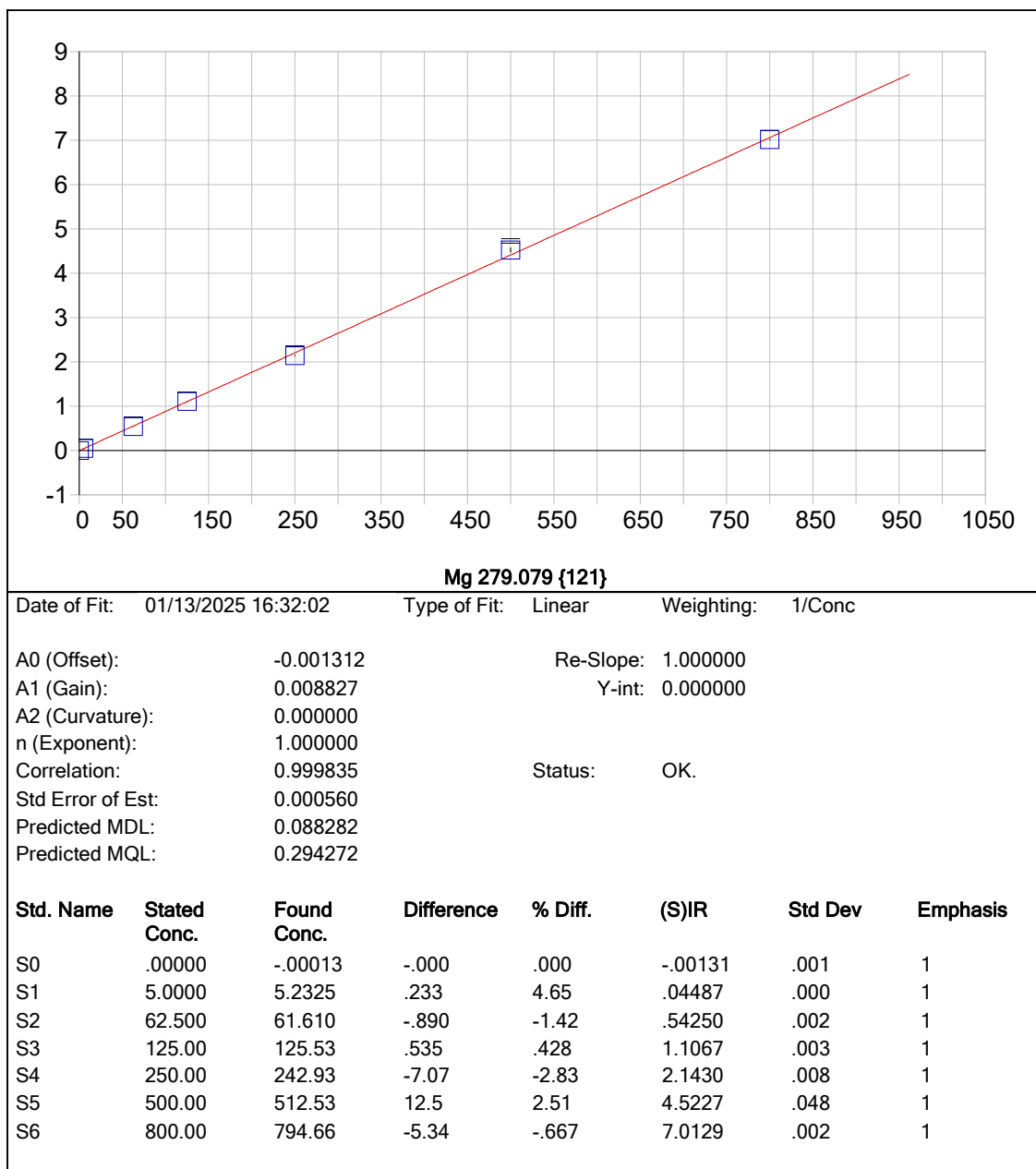
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01012	.000	1.17	.00278	.000	1
S2	3.8750	3.9625	.087	2.26	1.1027	.003	1
S3	7.7500	8.0339	.284	3.66	2.2356	.004	1
S4	15.500	15.269	-.231	-1.49	4.2492	.018	1
S5	31.000	30.859	-.141	-.453	8.5878	.139	1

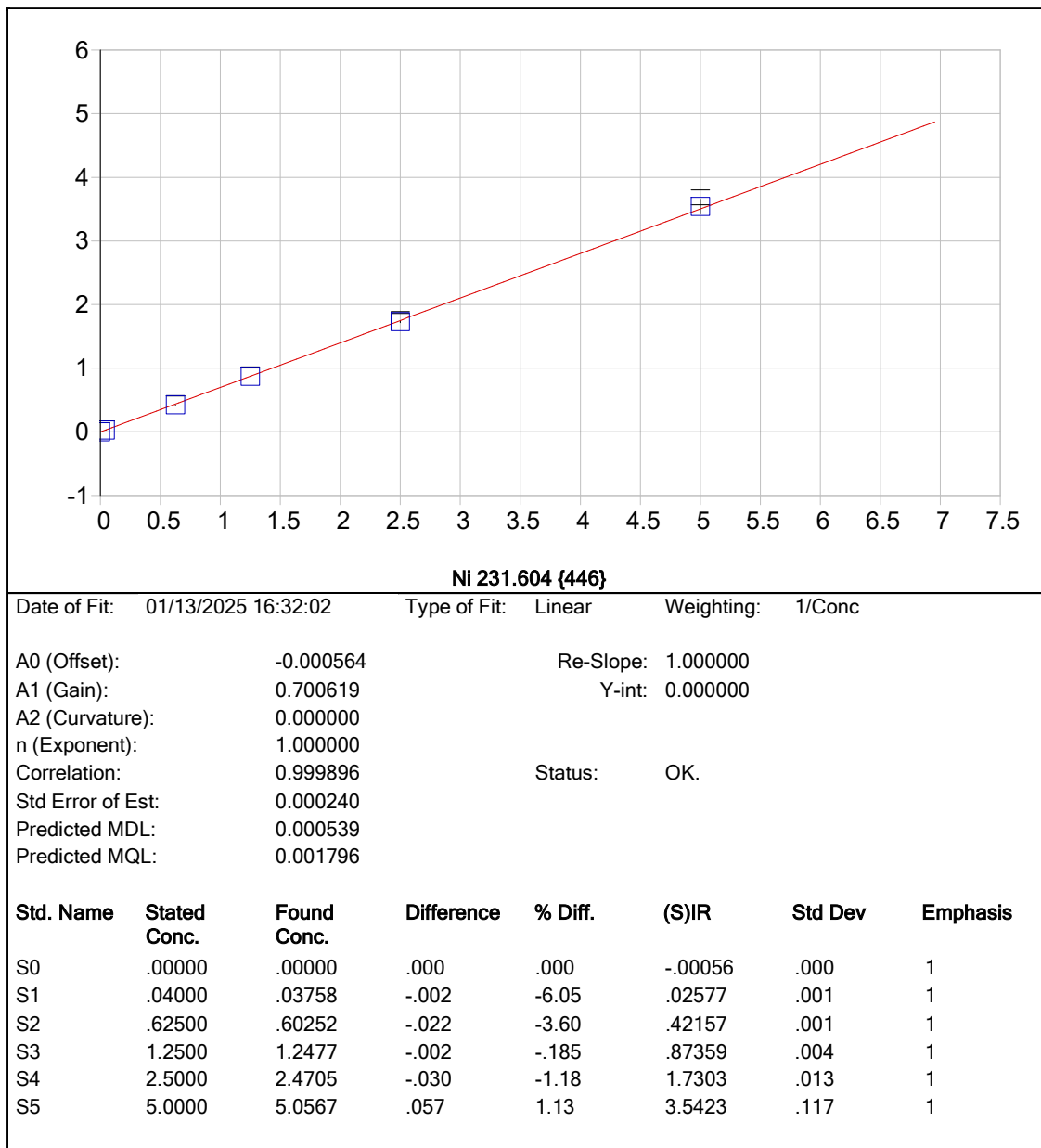


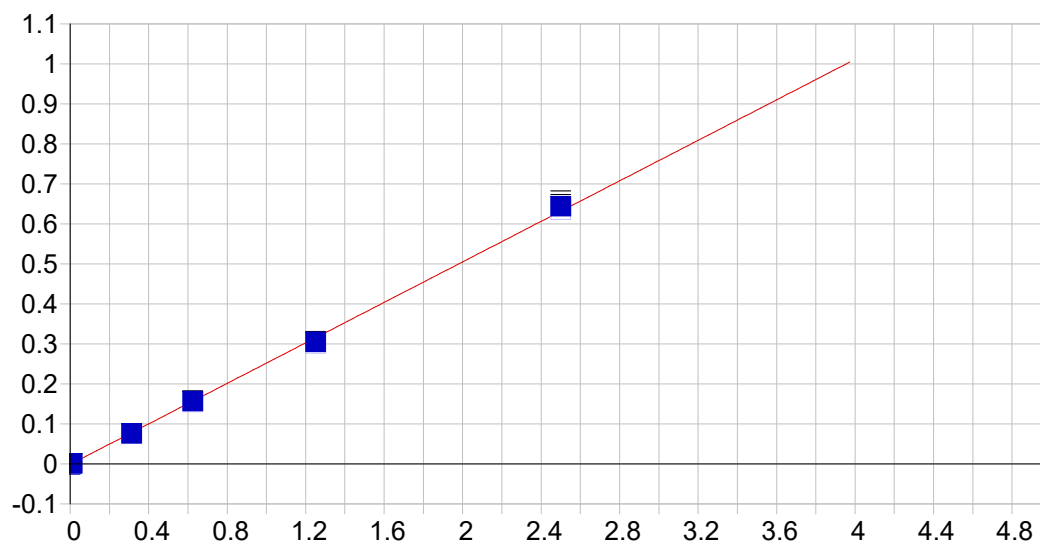










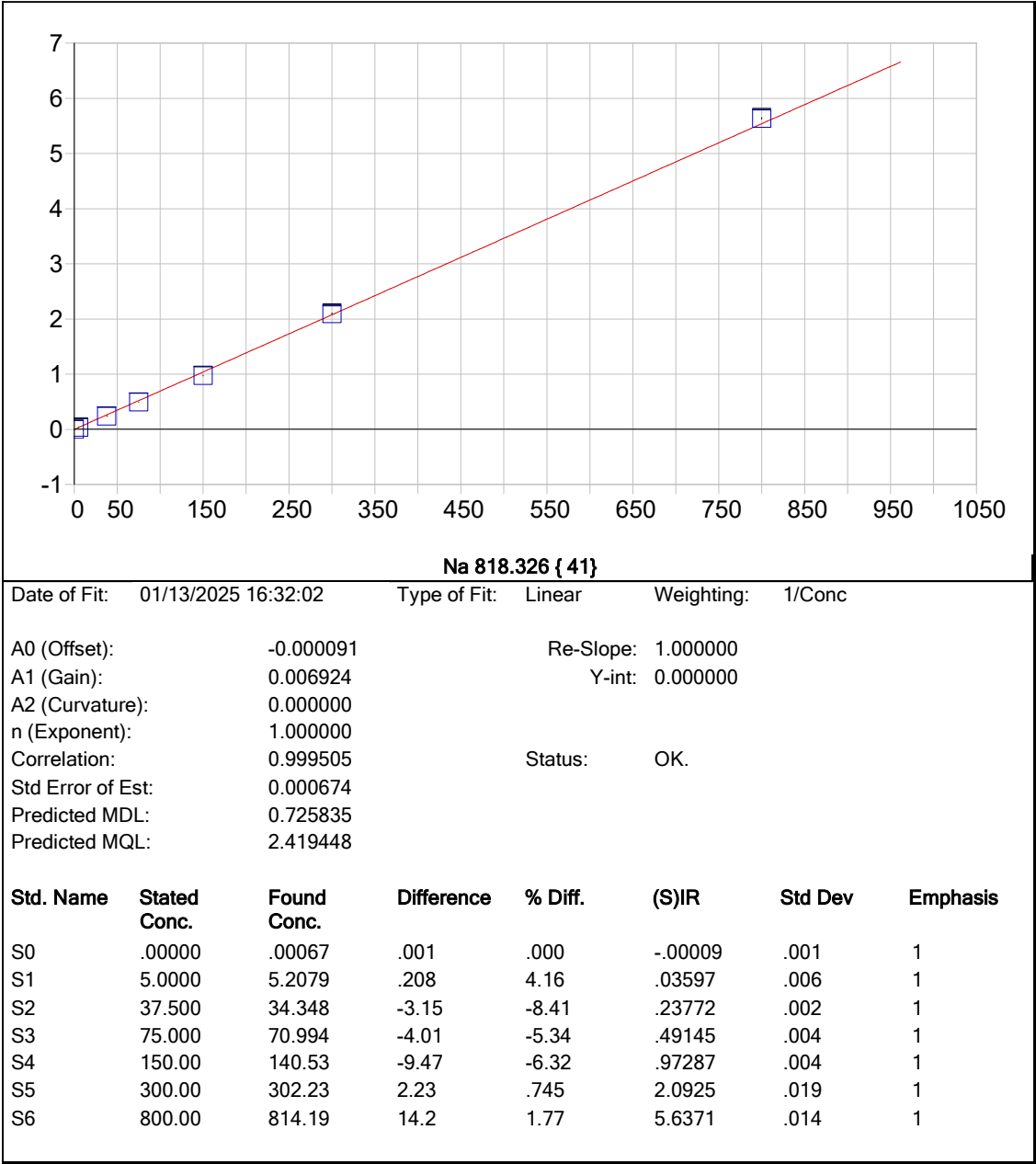


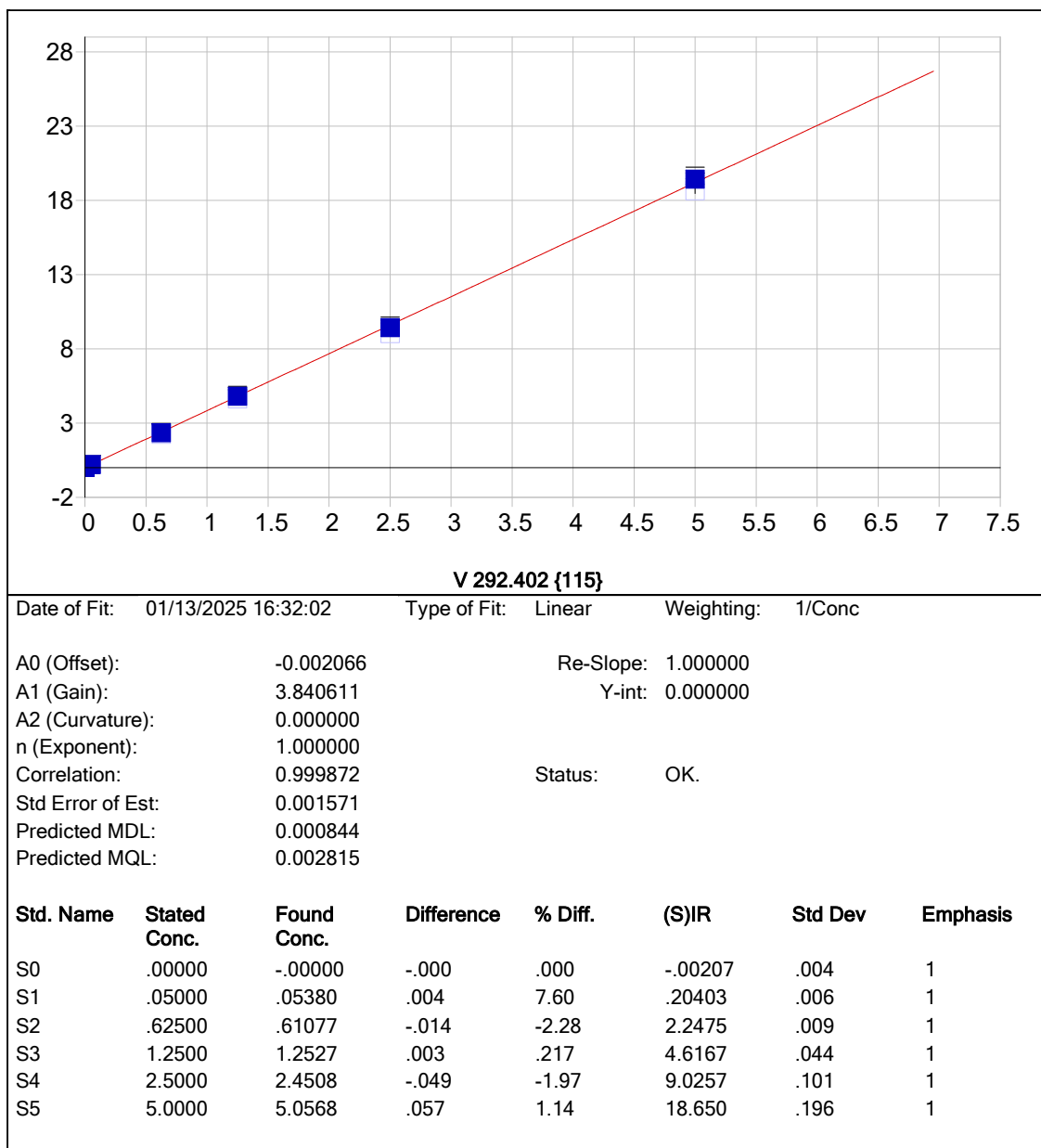
Ag 328.068 {103}

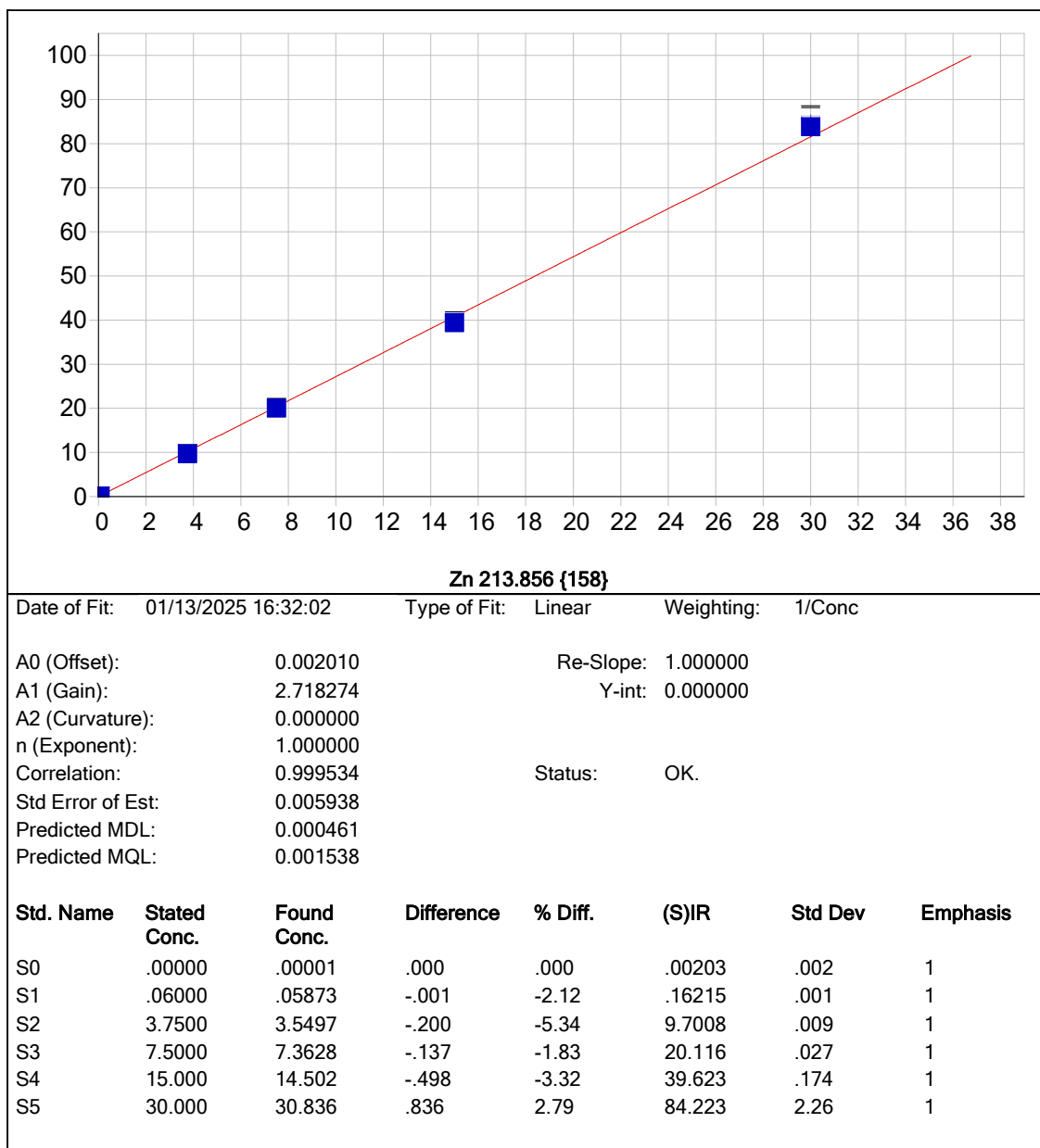
Date of Fit: 01/13/2025 16:32:02 Type of Fit: Linear Weighting: 1/Conc

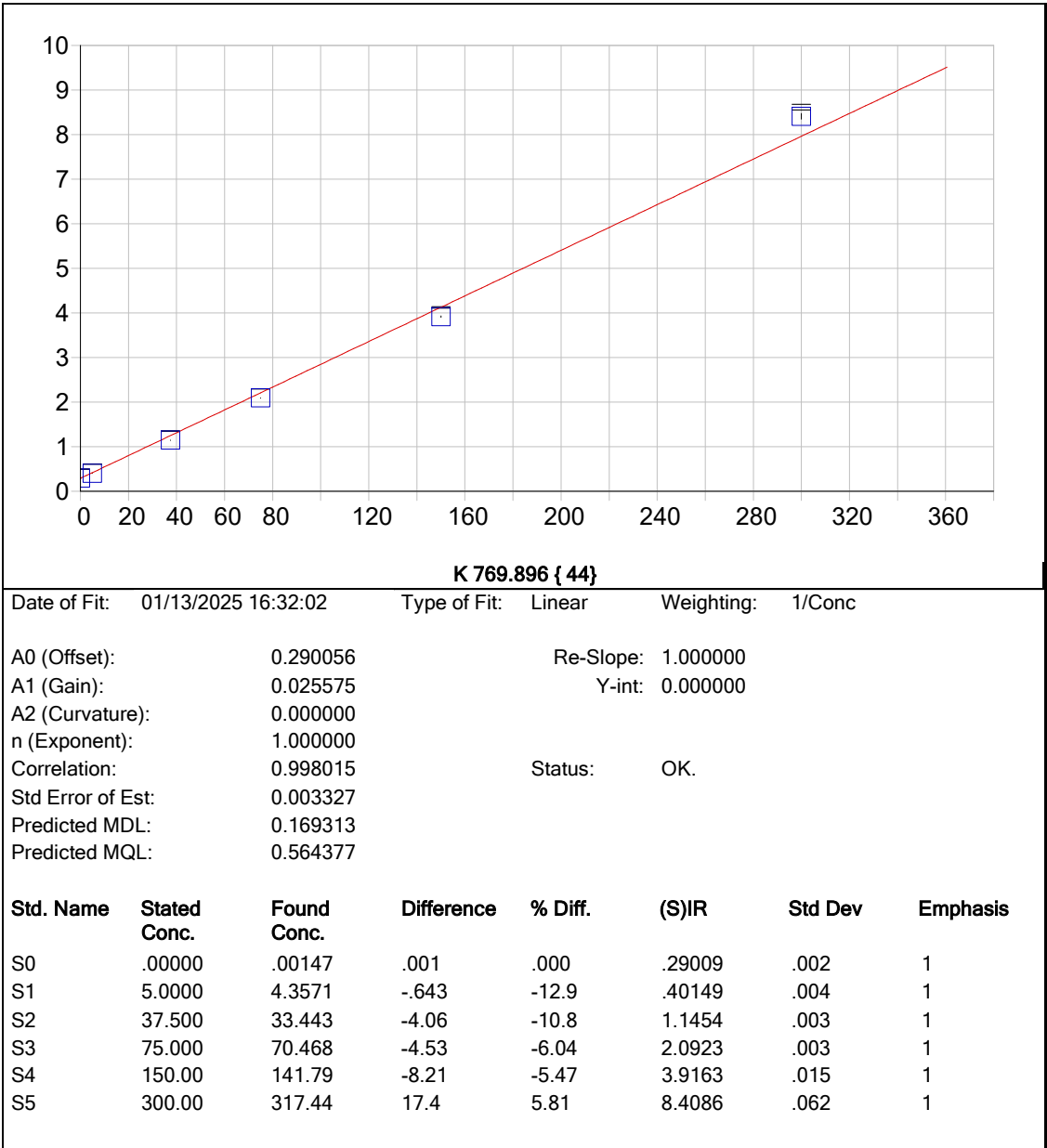
A0 (Offset): -0.001229 Re-Slope: 1.000000
A1 (Gain): 0.253161 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999725 Status: OK.
Std Error of Est: 0.000049
Predicted MDL: 0.001276
Predicted MQL: 0.004253

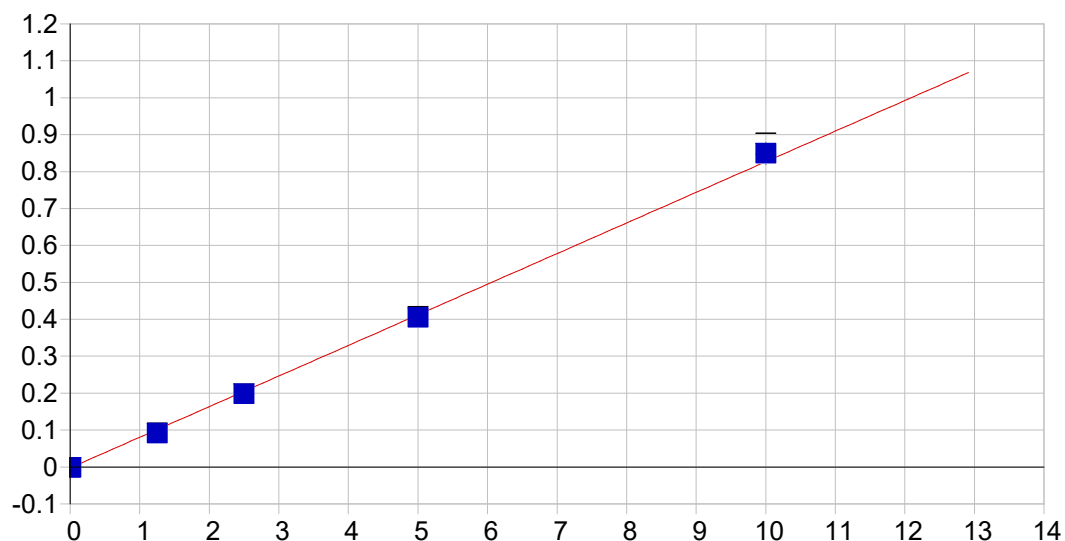
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.01000	.00918	-.001	-8.20	.00109	.000	1
S2	.31250	.30500	-.007	-2.40	.07485	.000	1
S3	.62500	.62500	-.000	-.000	.15472	.000	1
S4	1.2500	1.2095	-.040	-3.24	.30042	.002	1
S5	2.5000	2.5488	.049	1.95	.63491	.014	1









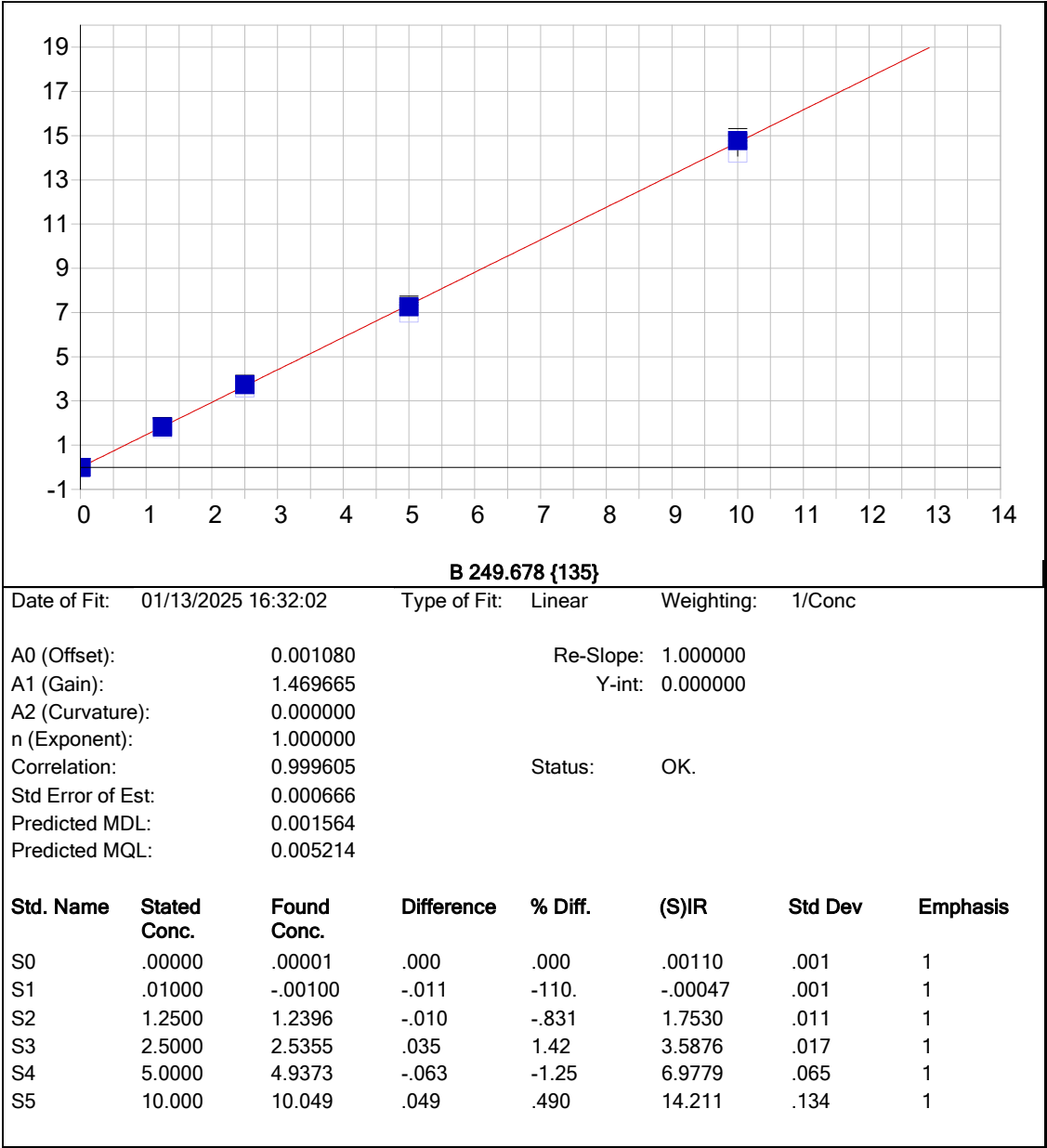


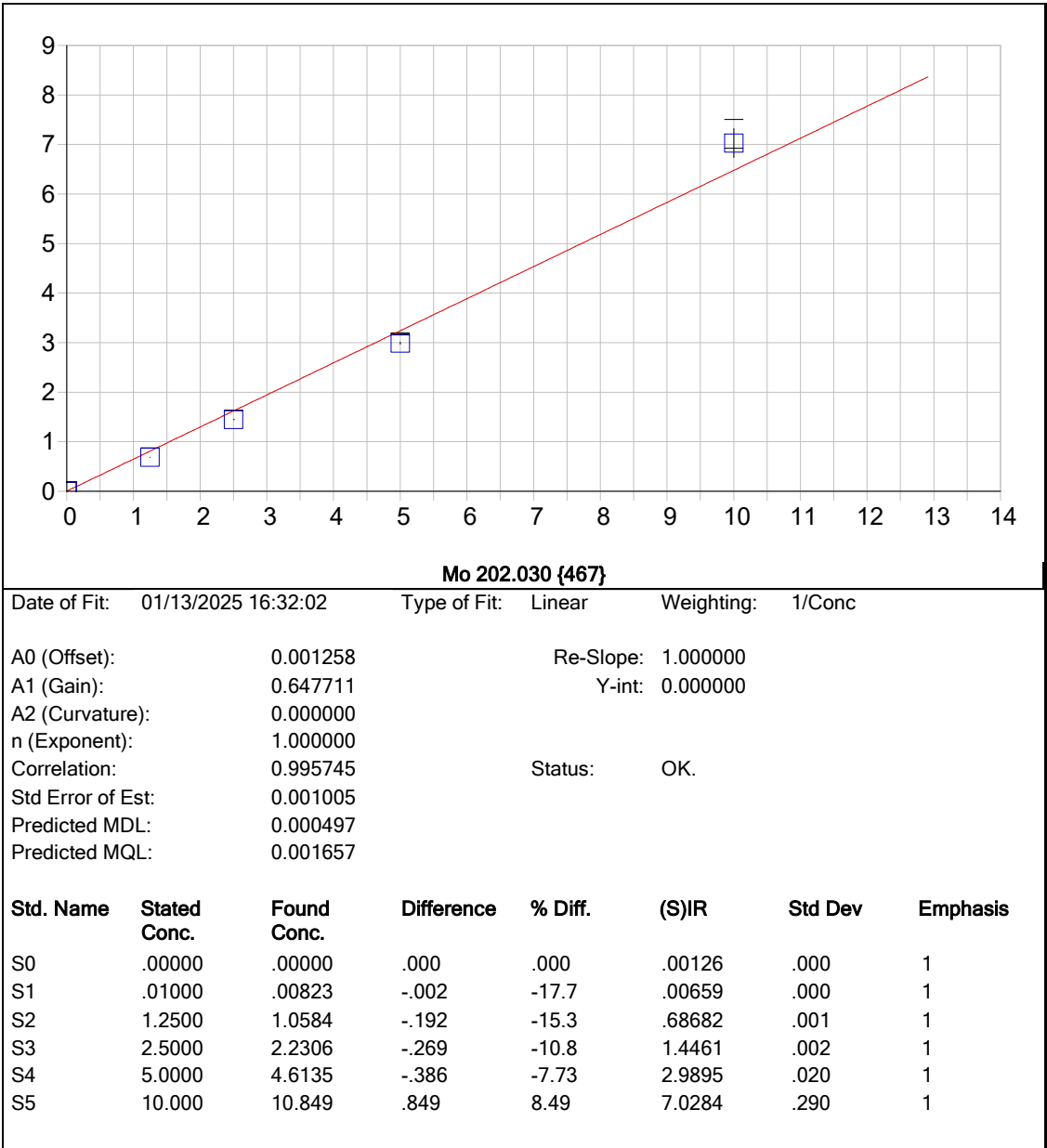
P 177.495 {490}

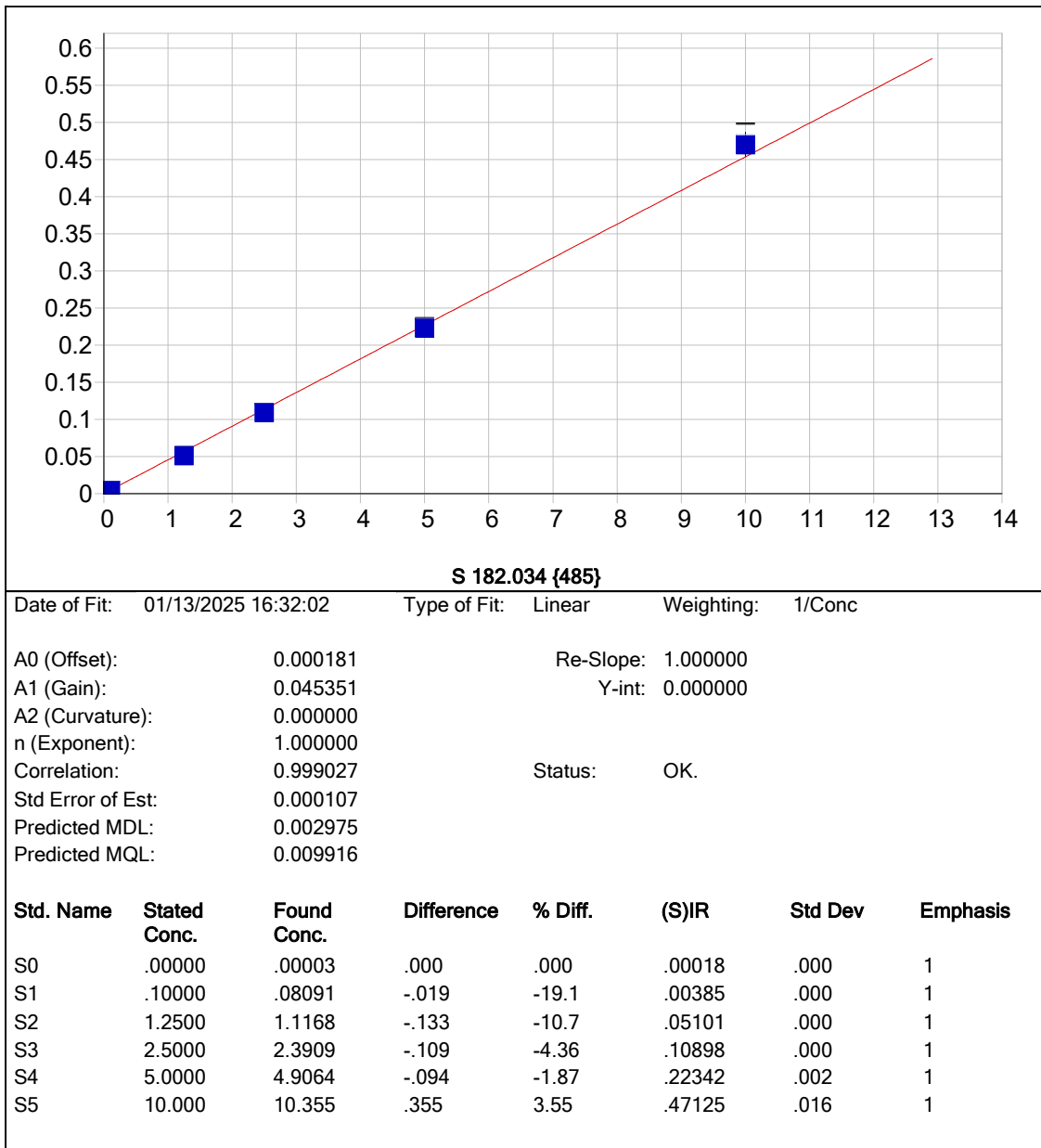
Date of Fit: 01/13/2025 16:32:02 Type of Fit: Linear Weighting: 1/Conc

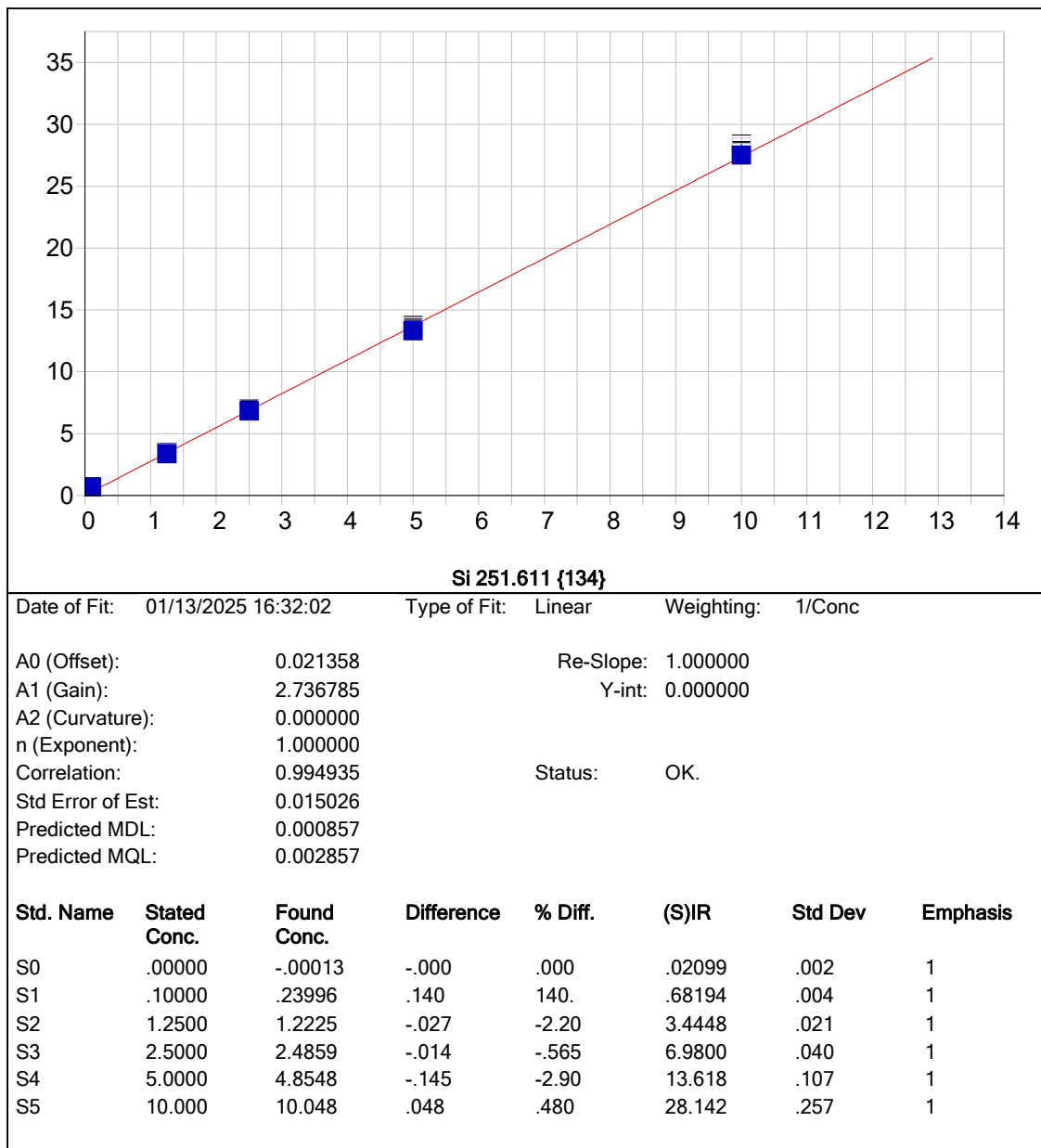
A0 (Offset): -0.002331 Re-Slope: 1.000000
A1 (Gain): 0.082903 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999414 Status: OK.
Std Error of Est: 0.000048
Predicted MDL: 0.001794
Predicted MQL: 0.005981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00233	.000	1
S1	.01000	.00889	-.001	-11.1	-.00159	.000	1
S2	1.2500	1.1366	-.113	-9.08	.09174	.000	1
S3	2.5000	2.4214	-.079	-3.14	.19811	.000	1
S4	5.0000	4.9166	-.083	-1.67	.40466	.003	1
S5	10.000	10.277	.277	2.77	.84841	.028	1



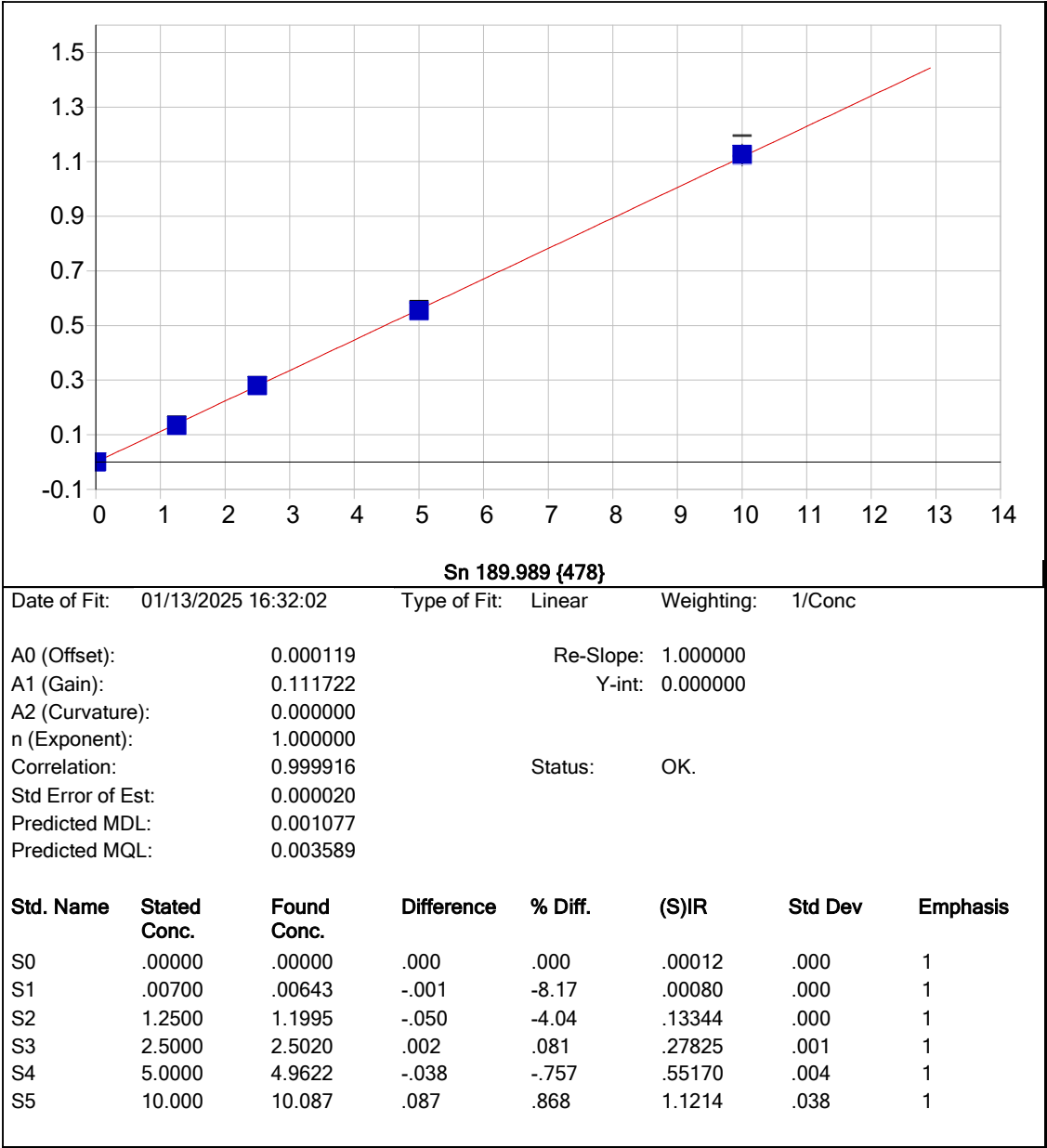


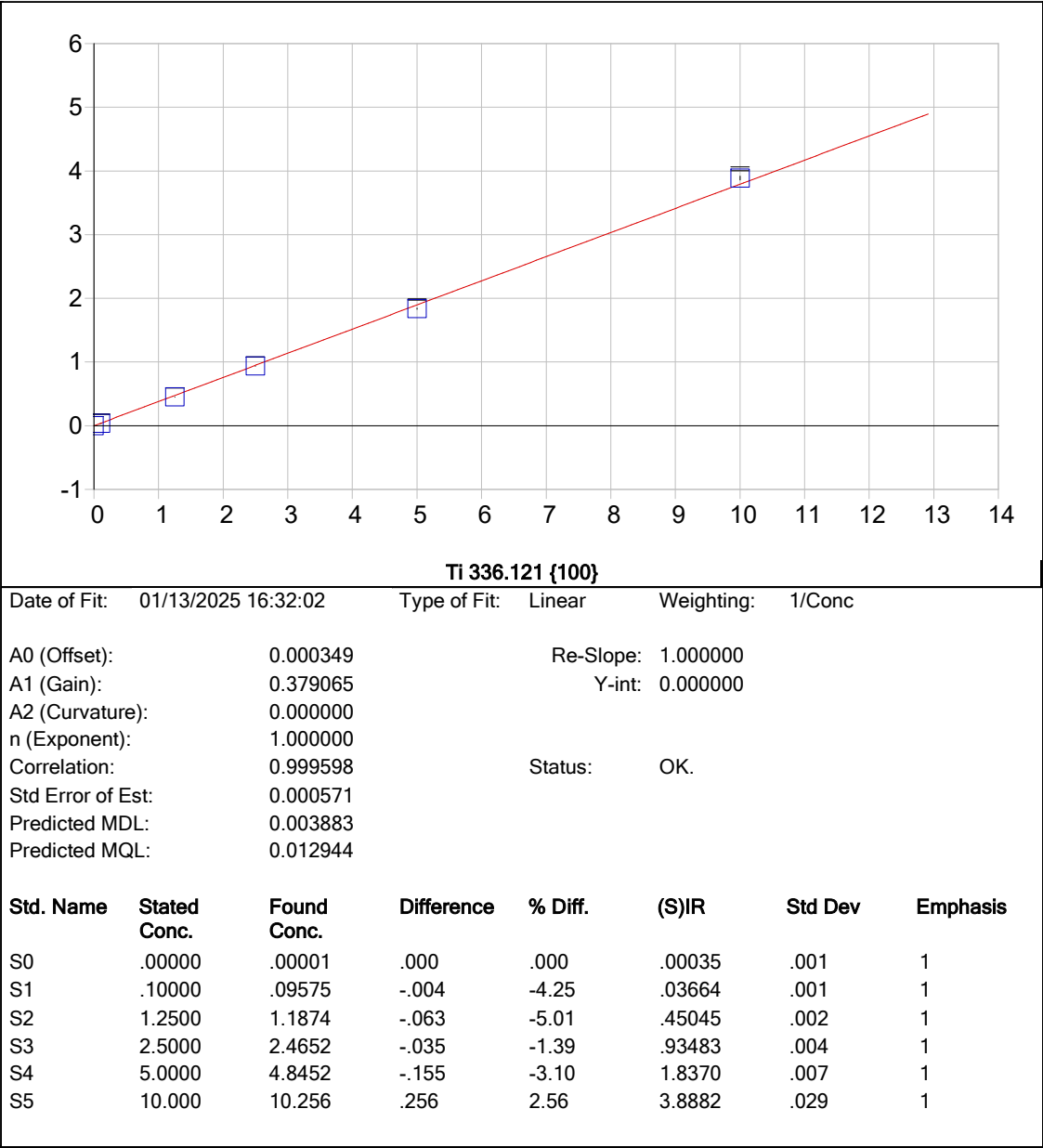


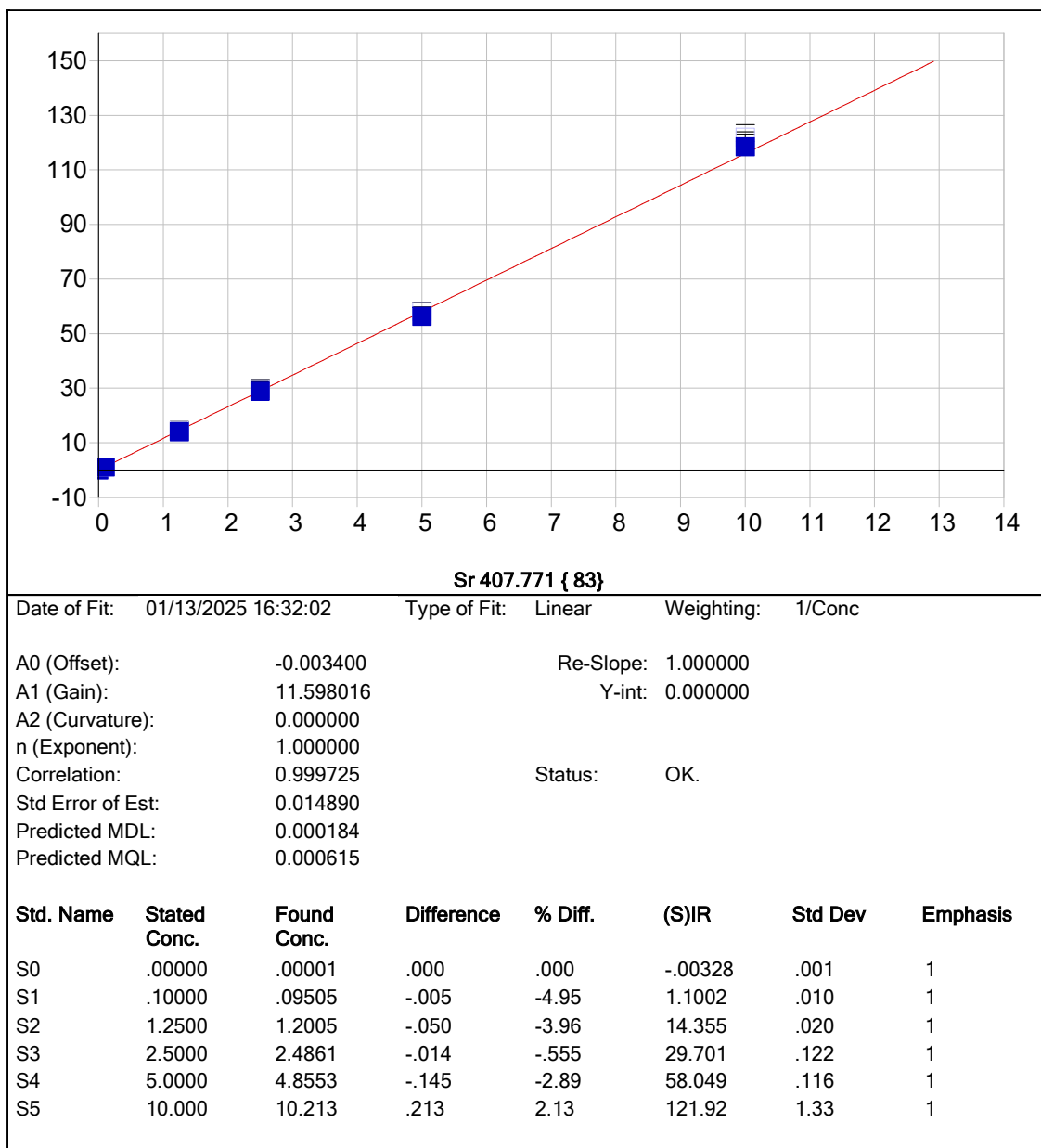


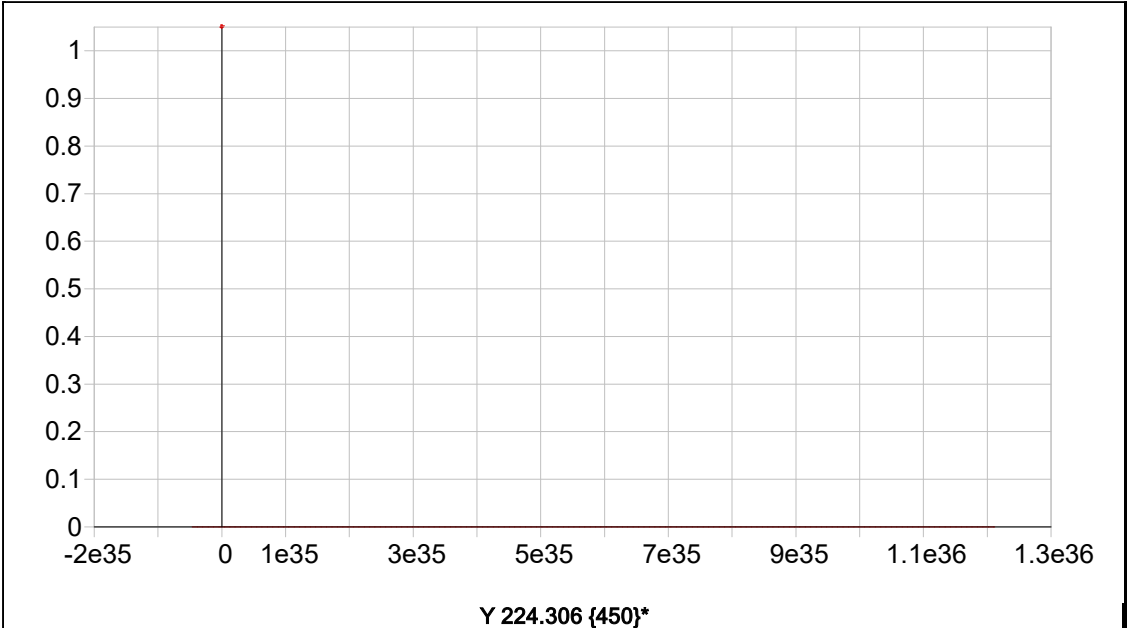
Date of Fit: 01/13/2025 16:32:02 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021358 Re-Slope: 1.000000
A1 (Gain): 2.736785 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.994935 Status: OK.
Std Error of Est: 0.015026
Predicted MDL: 0.000857
Predicted MQL: 0.002857









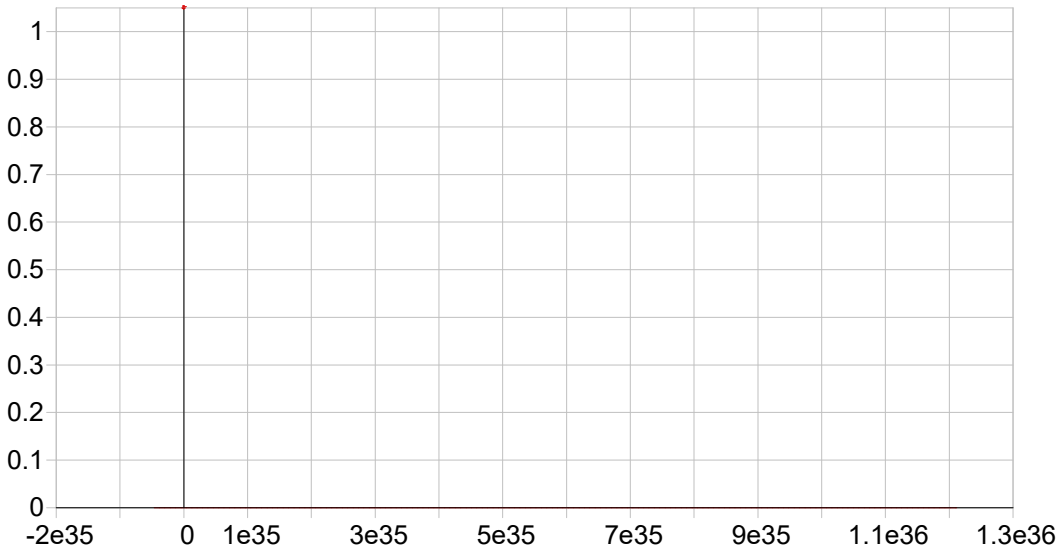
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

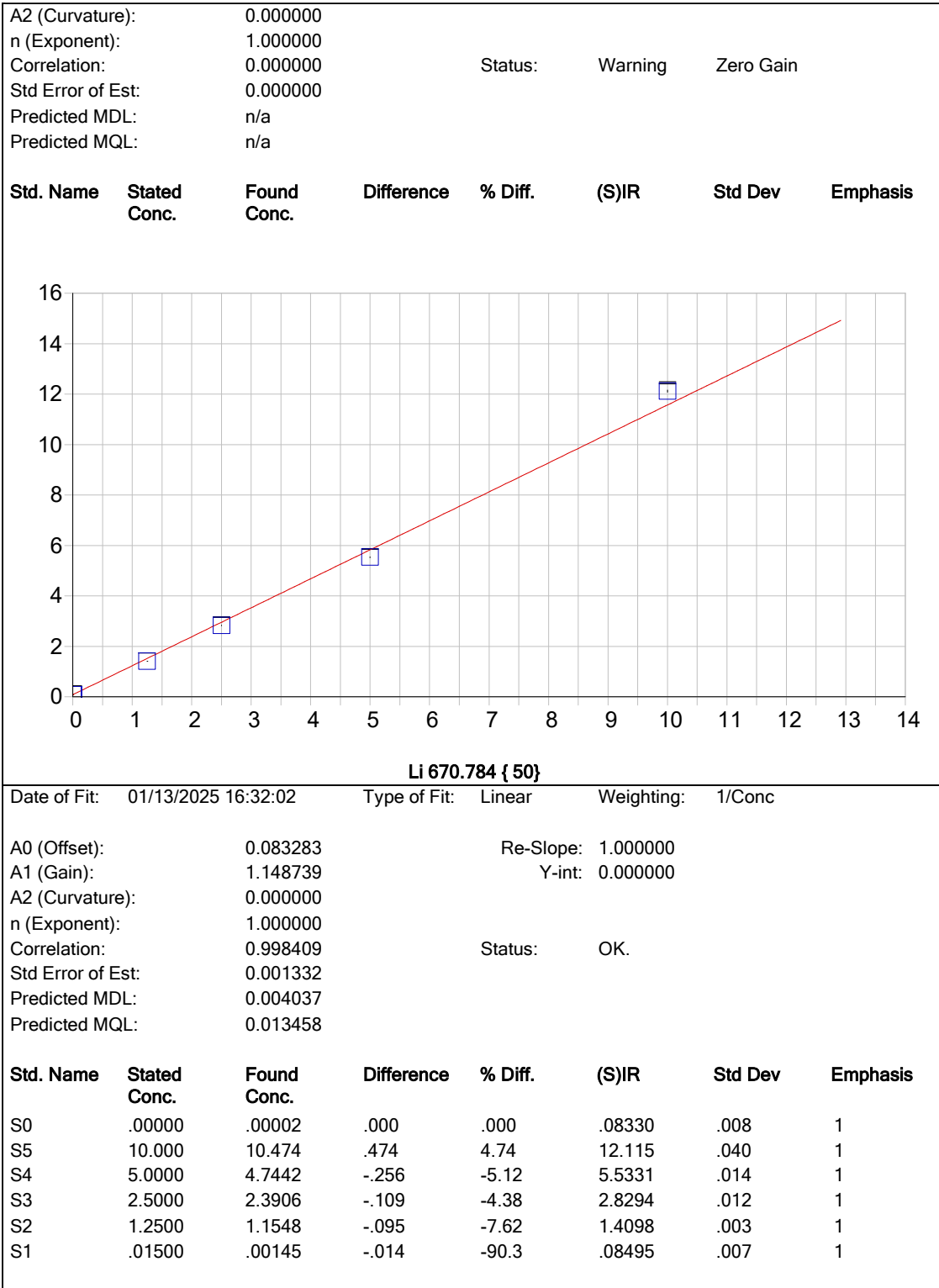
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
-----------	--------------	-------------	------------	---------	-------	---------	----------



Y 371.030 { 91}*

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
-----------	--------------	-------------	------------	---------	-------	---------	----------



Sample Name: S0 Acquired: 01/13/2025 15:23:36 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	1.1361	-.00042	-.00013	.00033	-.00012	.00067	.01213	-.00335
Stddev	.4017	.00024	.00030	.00014	.00062	.00165	.00170	.00140
%RSD	35.354	57.662	230.07	42.889	504.53	244.45	14.033	41.697

#1	1.4358	-.00022	.00017	.00046	.00001	.00160	.01041	-.00477
#2	.67973	-.00036	-.00013	.00018	-.00080	-.00123	.01381	-.00198
#3	1.2928	-.00069	-.00042	.00035	.00041	.00165	.01216	-.00329

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	.00031	.00616	-.00003	-.00045	.07088	.00016	.00036	-.00131
Stddev	.00008	.00222	.00012	.00025	.00612	.00024	.00068	.00073
%RSD	24.978	35.970	348.70	55.208	8.6361	148.04	189.42	55.870

#1	.00023	.00775	-.00002	-.00073	.06987	-.00004	.00051	-.00104
#2	.00038	.00710	.00008	-.00024	.06533	.00010	-.00038	-.00076
#3	.00032	.00363	-.00015	-.00039	.07745	.00043	.00095	-.00215

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	-.00056	-.00123	-.00009	-.00207	.00203	.29009	-.00233	.00110
Stddev	.00020	.00014	.00084	.00352	.00153	.00154	.00006	.00119
%RSD	35.325	11.750	969.85	169.54	75.447	.53190	2.3734	108.14

#1	-.00055	-.00129	-.00099	-.00460	.00252	.28845	-.00239	-.00001
#2	-.00037	-.00106	.00005	.00194	.00031	.29151	-.00230	.00235
#3	-.00076	-.00133	.00068	-.00357	.00325	.29032	-.00230	.00095

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	.00126	.00018	.02099	.00012	.00035	-.00328	.08330	
Stddev	.00028	.00004	.00167	.00014	.00137	.00130	.00750	
%RSD	22.143	24.067	7.9431	119.43	387.40	39.674	9.0072	

#1	.00140	.00020	.02172	.00023	-.00030	-.00336	.09186	
#2	.00145	.00013	.01908	-.00004	-.00057	-.00454	.07785	
#3	.00094	.00022	.02217	.00017	.00192	-.00194	.08020	

Sample Name: S0 Acquired: 01/13/2025 15:23:36 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	3259.4	36888.	2452.5	2223.5	4682.7
Stddev	6.1	55.	24.3	4.3	12.8
%RSD	.18577	.14911	.98989	.19378	.27398
#1	3252.9	36938.	2435.1	2224.6	4667.9
#2	3260.5	36897.	2480.2	2218.8	4688.6
#3	3264.8	36829.	2442.1	2227.2	4691.5

Sample Name: S1 Acquired: 01/13/2025 15:27:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	4.7088	.00211	.00171	.00236	.00713	.02010	.92389	.05392
Stddev	.8943	.00011	.00018	.00029	.00034	.00203	.00714	.00051
%RSD	18.992	5.3334	10.551	12.335	4.7464	10.119	.77277	.93747
#1	5.5485	.00223	.00160	.00258	.00685	.01875	.93141	.05416
#2	3.7684	.00208	.00161	.00247	.00704	.01912	.91720	.05427
#3	4.8093	.00201	.00192	.00203	.00751	.02244	.92307	.05334
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	.01790	.27591	.00278	.03771	.25369	.00169	.00500	.04487
Stddev	.00005	.00180	.00008	.00010	.00318	.00070	.00097	.00023
%RSD	.29580	.65207	2.9505	.27157	1.2532	41.331	19.472	.50266
#1	.01790	.27782	.00282	.03779	.25009	.00185	.00434	.04462
#2	.01784	.27565	.00269	.03773	.25610	.00092	.00454	.04494
#3	.01795	.27425	.00284	.03759	.25488	.00228	.00611	.04506
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	.02577	.00109	.03597	.20403	.16215	.40149	-.00159	-.00047
Stddev	.00062	.00030	.00563	.00585	.00064	.00361	.00016	.00141
%RSD	2.4142	27.839	15.649	2.8684	.39525	.90001	9.9037	301.08
#1	.02629	.00075	.03594	.20165	.16143	.40561	-.00161	-.00059
#2	.02594	.00120	.04161	.19974	.16267	.40002	-.00174	-.00181
#3	.02508	.00133	.03035	.21069	.16234	.39884	-.00142	.00100
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	.00659	.00385	.68194	.00080	.03664	1.1002	.08495	
Stddev	.00016	.00005	.00353	.00018	.00115	.0096	.00680	
%RSD	2.4217	1.2857	.51754	22.690	3.1298	.87496	8.0088	
#1	.00669	.00384	.67792	.00094	.03734	1.1044	.09163	
#2	.00641	.00390	.68335	.00088	.03727	1.0892	.07803	
#3	.00667	.00380	.68455	.00060	.03532	1.1069	.08520	

Sample Name: S1 Acquired: 01/13/2025 15:27:41 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	3152.0	36625.	2410.7	2204.5	4506.0
Stddev	5.9	41.	10.1	9.3	10.1
%RSD	.18714	.11139	.41887	.42302	.22439
#1	3147.2	36583.	2413.6	2210.5	4495.3
#2	3158.6	36665.	2419.1	2209.2	4507.4
#3	3150.2	36628.	2399.5	2193.7	4515.3

Sample Name: S2 Acquired: 01/13/2025 15:31:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	457.48	.12234	1.4319	.07522	.17353	3.3397	10.904	1.3422
Stddev	1.77	.00027	.0002	.00088	.00054	.0053	.016	.0059
%RSD	.38637	.22387	.01389	1.1712	.31292	.15774	.14605	.43694
#1	455.93	.12205	1.4320	.07613	.17364	3.3388	10.902	1.3488
#2	457.10	.12239	1.4321	.07437	.17294	3.3349	10.889	1.3401
#3	459.40	.12259	1.4317	.07517	.17401	3.3453	10.921	1.3376

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	2.2852	3.2604	1.1027	.47377	23.965	.51161	1.2215	.54250
Stddev	.0027	.0069	.0031	.00048	.157	.00284	.0034	.00182
%RSD	.11695	.21035	.28343	.10107	.65449	.55522	.27561	.33570
#1	2.2851	3.2646	1.1061	.47402	24.146	.51446	1.2230	.54317
#2	2.2826	3.2640	1.0999	.47322	23.864	.51159	1.2238	.54044
#3	2.2880	3.2524	1.1020	.47407	23.885	.50878	1.2176	.54389

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	.42157	.07485	.23772	2.2475	9.7008	1.1454	.09174	1.7530
Stddev	.00082	.00026	.00204	.0093	.0095	.0029	.00003	.0107
%RSD	.19349	.35051	.85691	.41355	.09743	.25024	.03378	.61269
#1	.42237	.07513	.23953	2.2569	9.6929	1.1472	.09177	1.7646
#2	.42074	.07461	.23551	2.2471	9.7113	1.1468	.09171	1.7435
#3	.42161	.07481	.23812	2.2383	9.6983	1.1421	.09174	1.7510

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	.68682	.05101	3.4448	.13344	.45045	14.355	1.4098
Stddev	.00118	.00008	.0211	.00007	.00222	.020	.0029
%RSD	.17116	.15369	.61316	.05600	.49256	.13769	.20566
#1	.68697	.05099	3.4674	.13342	.45140	14.362	1.4124
#2	.68557	.05095	3.4256	.13337	.44791	14.332	1.4067
#3	.68791	.05110	3.4414	.13352	.45203	14.370	1.4103

Sample Name: S2 Acquired: 01/13/2025 15:31:42 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	2939.6	35161.	2402.0	2075.1	4023.1
Stddev	5.6	51.	14.3	2.9	3.8
%RSD	.19124	.14433	.59584	.14035	.09508
#1	2935.4	35107.	2385.5	2073.5	4019.0
#2	2946.0	35167.	2409.3	2073.3	4026.6
#3	2937.5	35208.	2411.2	2078.4	4023.6

Sample Name: S3 Acquired: 01/13/2025 15:35:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	908.89	.24949	2.9902	.15674	.36471	6.8744	22.680	2.7490
Stddev	1.21	.00076	.0068	.00123	.00102	.0282	.106	.0207
%RSD	.13317	.30612	.22840	.78535	.28050	.41068	.46616	.75435

#1	908.06	.24865	2.9826	.15576	.36366	6.8426	22.558	2.7728
#2	910.28	.24967	2.9924	.15812	.36571	6.8967	22.744	2.7400
#3	908.33	.25015	2.9957	.15633	.36477	6.8838	22.739	2.7343

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	4.7545	6.6274	2.2356	.96816	48.532	1.0546	2.5114	1.1067
Stddev	.0108	.0242	.0039	.00225	.282	.0048	.0086	.0031
%RSD	.22774	.36579	.17270	.23218	.58098	.45197	.34098	.27621

#1	4.7448	6.5995	2.2312	.96576	48.843	1.0499	2.5016	1.1058
#2	4.7526	6.6422	2.2384	.96851	48.458	1.0595	2.5165	1.1102
#3	4.7662	6.6407	2.2373	.97021	48.294	1.0543	2.5163	1.1043

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	.87359	.15472	.49145	4.6167	20.116	2.0923	.19811	3.5876
Stddev	.00355	.00046	.00445	.0442	.027	.0030	.00043	.0173
%RSD	.40670	.29443	.90449	.95844	.13266	.14182	.21511	.48128

#1	.86998	.15421	.49355	4.6650	20.129	2.0930	.19777	3.6061
#2	.87372	.15487	.49445	4.6070	20.085	2.0948	.19797	3.5848
#3	.87708	.15508	.48634	4.5782	20.134	2.0890	.19859	3.5720

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	1.4461	.10898	6.9800	.27825	.93483	29.701	2.8294
Stddev	.0024	.00031	.0398	.00057	.00392	.122	.0120
%RSD	.16578	.28550	.56980	.20542	.41932	.40985	.42483

#1	1.4439	.10876	7.0238	.27773	.93273	29.566	2.8159
#2	1.4486	.10884	6.9700	.27816	.93935	29.802	2.8390
#3	1.4456	.10933	6.9462	.27886	.93240	29.735	2.8333

Sample Name: S3 Acquired: 01/13/2025 15:35:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	2739.8	33897.	2329.9	1975.7	3765.3
Stddev	1.0	44.	19.7	4.5	12.2
%RSD	.03622	.12836	.84355	.22839	.32495
#1	2739.7	33891.	2308.7	1971.9	3771.9
#2	2740.9	33857.	2333.5	1980.7	3772.9
#3	2738.9	33943.	2347.5	1974.6	3751.2

Sample Name: S4 Acquired: 01/13/2025 15:39:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	1722.7	.48559	5.9387	.31776	.75743	13.518	44.576	5.4201
Stddev	7.3	.00305	.0415	.00232	.00358	.040	.071	.0606
%RSD	.42166	.62780	.69876	.72941	.47221	.29722	.15845	1.1177

#1	1730.8	.48909	5.9852	.32043	.76156	13.478	44.502	5.3797
#2	1716.8	.48418	5.9258	.31631	.75557	13.519	44.583	5.3910
#3	1720.5	.48350	5.9052	.31653	.75517	13.558	44.643	5.4898

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	9.4147	12.780	4.2492	1.8998	94.169	2.0529	4.8620	2.1430
Stddev	.0690	.029	.0177	.0135	.737	.0031	.0162	.0084
%RSD	.73289	.22532	.41621	.70846	.78282	.14870	.33334	.39355

#1	9.4907	12.765	4.2677	1.9145	93.885	2.0528	4.8670	2.1377
#2	9.3976	12.762	4.2324	1.8966	93.616	2.0499	4.8439	2.1385
#3	9.3559	12.813	4.2476	1.8882	95.006	2.0560	4.8752	2.1527

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	1.7303	.30042	.97287	9.0257	39.623	3.9163	.40466	6.9779
Stddev	.0133	.00156	.00445	.1007	.174	.0151	.00285	.0650
%RSD	.76791	.51843	.45785	1.1156	.43805	.38644	.70459	.93106

#1	1.7450	.30204	.97795	8.9538	39.571	3.9055	.40795	6.9401
#2	1.7267	.29894	.96962	8.9824	39.481	3.9098	.40318	6.9407
#3	1.7192	.30029	.97104	9.1407	39.816	3.9336	.40286	7.0529

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	2.9895	.22342	13.618	.55170	1.8370	58.049	5.5331	
Stddev	.0202	.00153	.107	.00432	.0073	.116	.0141	
%RSD	.67472	.68467	.78564	.78230	.40013	.19915	.25463	

#1	3.0125	.22506	13.555	.55651	1.8311	57.968	5.5233	
#2	2.9810	.22316	13.558	.55045	1.8347	57.996	5.5268	
#3	2.9749	.22204	13.742	.54815	1.8452	58.181	5.5493	

Sample Name: S4 Acquired: 01/13/2025 15:39:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	2473.9	33050.	2245.2	1869.5	3518.5
Stddev	4.7	124.	14.0	3.4	12.6
%RSD	.19108	.37555	.62309	.18289	.35916
#1	2469.4	32908.	2252.4	1869.9	3508.1
#2	2473.5	33133.	2254.0	1872.6	3514.8
#3	2478.8	33110.	2229.1	1865.8	3532.5

Sample Name: S5 Acquired: 01/13/2025 15:42:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	3351.0	.97364	12.128	.74461	1.8045	29.174	94.063	11.392
Stddev	19.8	.03199	.398	.02871	.0742	.271	2.152	.109
%RSD	.59066	3.2861	3.2814	3.8560	4.1097	.92959	2.2883	.95529

#1	3373.8	1.0106	12.587	.77747	1.8896	29.330	92.523	11.367
#2	3338.5	.95578	11.908	.72434	1.7540	29.331	96.522	11.511
#3	3340.7	.95457	11.889	.73203	1.7697	28.861	93.142	11.298

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	19.139	26.533	8.5878	3.8641	193.76	4.3101	10.201	4.5227
Stddev	.630	.208	.1387	.1307	2.25	.0393	.089	.0480
%RSD	3.2904	.78476	1.6149	3.3825	1.1626	.91187	.87077	1.0610

#1	19.866	26.746	8.5326	4.0150	195.09	4.3406	10.257	4.5634
#2	18.783	26.524	8.7456	3.7915	195.02	4.3240	10.247	4.5349
#3	18.768	26.330	8.4853	3.7859	191.16	4.2657	10.099	4.4698

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	3.5423	.63491	2.0925	18.650	84.223	8.4086	.84841	14.211
Stddev	.1173	.01388	.0189	.196	2.265	.0619	.02837	.134
%RSD	3.3121	2.1856	.90379	1.0509	2.6888	.73643	3.3436	.94261

#1	3.6778	.63072	2.1048	18.586	83.319	8.3964	.88116	14.213
#2	3.4753	.65040	2.1020	18.869	86.800	8.4758	.83267	14.344
#3	3.4738	.62362	2.0707	18.493	82.550	8.3538	.83142	14.076

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	7.0284	.47125	28.142	1.1214	3.8882	121.92	12.115
Stddev	.2901	.01559	.257	.0376	.0292	1.33	.040
%RSD	4.1280	3.3087	.91430	3.3528	.75093	1.0930	.33310

#1	7.3630	.48924	28.175	1.1649	3.9142	122.01	12.162
#2	6.8465	.46282	28.381	1.0995	3.8938	123.21	12.095
#3	6.8756	.46168	27.870	1.0999	3.8566	120.55	12.089

Sample Name: S5 Acquired: 01/13/2025 15:42:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	2009.3	31031.	2123.8	1643.8	3240.6
Stddev	68.8	615.	13.0	38.9	86.8
%RSD	3.4242	1.9816	.61331	2.3675	2.6776
#1	1930.0	31262.	2121.2	1659.2	3140.4
#2	2053.7	30333.	2112.2	1599.5	3289.6
#3	2044.1	31496.	2137.9	1672.6	3291.7

Sample Name: S6 Acquired: 01/13/2025 15:47:18 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) 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	74.699	41.544	10.996	7.0129	5.6371
Stddev	.129	.113	.016	.0020	.0140
%RSD	.17318	.27310	.14404	.02866	.24746
#1	74.676	41.496	11.006	7.0107	5.6276
#2	74.838	41.462	11.004	7.0145	5.6531
#3	74.583	41.674	10.978	7.0137	5.6305
Int. Std.	Y_3710				
Units	Cts/S				
Avg	2079.8				
Stddev	3.0				
%RSD	.14291				
#1	2077.4				
#2	2079.0				
#3	2083.1				

Sample Name: ICV058 Acquired: 01/13/2025 16:02:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9022310	1.072271	1.010899	1.029362	.9736101	2.491561
Stddev	.0006997	.004129	.003249	.005133	.0045976	.040190
%RSD	.0775523	.3850341	.3214321	.4986373	.4722190	1.613030

#1	.9015895	1.074757	1.014457	1.033386	.9740160	2.499852
#2	.9021264	1.067505	1.008089	1.031119	.9779913	2.447873
#3	.9029771	1.074550	1.010150	1.023581	.9688231	2.526959

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5249178	.5260097	.5005726	10.74840	.5649748	.5189537
Stddev	.0036751	.0055106	.0005799	.04454	.0028456	.0003538
%RSD	.7001194	1.047624	.1158436	.4143594	.5036711	.0681773

#1	.5282514	.5294296	.5011868	10.71102	.5642305	.5192753
#2	.5209769	.5289467	.5000346	10.79768	.5625753	.5190111
#3	.5255250	.5196527	.5004964	10.73651	.5681186	.5185747

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5550733	10.49799	.5301417	6.150611	.5123869	.2598920
Stddev	.0048942	.10252	.0020281	.068143	.0007237	.0012787
%RSD	.8817201	.9765351	.3825622	1.107905	.1412396	.4920136

#1	.5583171	10.51776	.5324794	6.099617	.5128108	.2599998
#2	.5574590	10.38703	.5288517	6.228003	.5115513	.2585629
#3	.5494437	10.58918	.5290939	6.124211	.5127986	.2611135

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21688	.5444460	.9674237	9.181324	F .0017341	F .0061267
Stddev	.26842	.0067905	.0020247	.021417	.0016109	.0006678
%RSD	2.627253	1.247227	.2092887	.2332646	92.89312	10.90012

#1	10.36509	.5476192	.9694980	9.194302	.0002770	.0065821
#2	9.90703	.5490691	.9654526	9.156604	.0014613	.0064379
#3	10.37853	.5366499	.9673205	9.193065	.0034639	.0053601

Sample Name: ICV058 Acquired: 01/13/2025 16:02:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0001605	F .0053351	F -.000555	F .0022629	F -.003263	F -.009235
Stddev	.0006599	.0021474	.000971	.0009086	.001165	.000134
%RSD	411.2212	40.25104	175.1421	40.15107	35.70039	1.446203
#1	.0007513	.0055283	-.000385	.0033117	-.002662	-.009313
#2	.0002816	.0073794	-.001600	.0017615	-.002521	-.009081
#3	-.000552	.0030976	.000321	.0017155	-.004606	-.009310

Elem	Li6707
Units	ppm
Avg	F .0096256
Stddev	.0045133
%RSD	46.88870
#1	.0128499
#2	.0044676
#3	.0115593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.274	36653.98	2406.047	2209.515	4388.709
Stddev	5.830	158.63	18.336	10.932	4.879
%RSD	.1808731	.4327768	.7620908	.4947756	.1111651
#1	3217.201	36691.52	2393.912	2210.659	4383.077
#2	3223.795	36790.48	2397.088	2219.830	4391.647
#3	3228.826	36479.95	2427.140	2198.056	4391.402

Sample Name: ICB058 Acquired: 01/13/2025 16:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015838	.0013183	-.001244	.0008670	.0000619	.0011184	-.000624
Stddev	.0033240	.0026713	.001076	.0010064	.0001781	.0278445	.000984
%RSD	209.8722	202.6282	86.50205	116.0795	287.6977	2489.620	157.7292

#1	.0046459	.0043779	-.000822	.0008718	-.000138	-.017943	-.001729
#2	.0020570	-.000551	-.000442	.0018710	.000205	-.011774	.000160
#3	-.001951	.000128	-.002466	-.000142	.000118	.033073	-.000303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001040	-.000025	.0356818	-.000239	.0001431	-.001174	-.034468
Stddev	.0001807	.000061	.0160033	.000514	.0003023	.000550	.023834
%RSD	173.7870	242.0600	44.85017	215.0492	211.2030	46.83721	69.14859

#1	.0001508	-.000060	.0339097	.000073	.0004921	-.001809	-.015516
#2	.0002566	-.000061	.0524974	-.000832	-.000026	-.000832	-.061226
#3	-.000096	.000045	.0206382	.000042	-.000036	-.000882	-.026662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004275	-.067522	-.000110	-.000141	-.311505	.0007707	.0002494
Stddev	.0001562	.010128	.000708	.000095	.348337	.0005267	.0001034
%RSD	36.53953	14.99901	642.5307	67.19236	111.8239	68.33586	41.44401

#1	.0005766	-.075118	.000221	-.000144	-.430828	.0002038	.0002561
#2	.0002651	-.071425	-.000924	-.000045	.080813	.0012448	.0003493
#3	.0004408	-.056024	.000372	-.000235	-.584500	.0008634	.0001429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8333144	.0005148	.0015053	-.001099	-.002890	-.001798	.0012144
Stddev	.1653053	.0004513	.0034664	.000442	.001782	.000923	.0004507
%RSD	19.83709	87.67735	230.2735	40.18883	61.66048	51.33506	37.11267

#1	.6738713	-.000006	.0053825	-.000599	-.004516	-.001445	.0016167
#2	.8221555	.000762	.0004279	-.001264	-.000985	-.001104	.0007273
#3	1.003916	.000789	-.001294	-.001435	-.003168	-.002845	.0012994

Sample Name: ICB058 Acquired: 01/13/2025 16:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB058 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0005295	-.000041	-.003005
Stddev	.0014831	.000104	.002815
%RSD	280.1189	252.4131	93.70403
#1	-.000110	-.000037	-.000120
#2	.002225	.000060	-.003147
#3	-.000526	-.000147	-.005746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3223.128	36688.03	2405.890	2214.341	4647.222
Stddev	5.999	174.41	9.395	10.881	7.426
%RSD	.1861182	.4753920	.3904841	.4914031	.1597896
#1	3229.995	36663.14	2399.118	2215.407	4649.137
#2	3218.912	36527.40	2401.936	2202.966	4639.026
#3	3220.475	36873.55	2416.615	2224.650	4653.503

Sample Name: ICSA058 Acquired: 01/13/2025 16:10:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093190	-.012898	.0020897	-.010198	.0147491	238.3435
Stddev	.0028980	.001244	.0023448	.002907	.0015130	.8334
%RSD	31.09746	9.646049	112.2042	28.50654	10.25858	.3496634

#1	.0092345	-.012624	-.000130	-.013310	.0130556	237.3865
#2	.0064641	-.014256	.001858	-.007552	.0159677	238.7352
#3	.0122582	-.011813	.004542	-.009733	.0152240	238.9089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054626	.0028345	.0006201	251.2894	.0523357	-.008849
Stddev	.0006580	.0000910	.0000366	.5751	.0002797	.000770
%RSD	12.04455	3.208800	5.906608	.2288715	.5343829	8.705711

#1	.0059920	.0028914	.0006376	250.6616	.0522461	-.008400
#2	.0056700	.0028826	.0005780	251.7909	.0521118	-.008408
#3	.0047260	.0027296	.0006448	251.4157	.0526492	-.009738

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017533	100.9213	.0020764	246.7233	.0039078	-.007467
Stddev	.000270	.3759	.0013053	.5850	.0010823	.001583
%RSD	1.537405	.3724204	62.86270	.2370923	27.69679	21.20353

#1	-.017234	100.7350	.0009195	246.2935	.0045431	-.006060
#2	-.017606	100.6750	.0034915	247.3894	.0026581	-.007159
#3	-.017758	101.3539	.0018181	246.4869	.0045223	-.009181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7406486	.0038433	-.032685	-.005328	-.000214	F .0387692
Stddev	.8590745	.0001913	.000307	.142400	.001356	.0006944
%RSD	115.9895	4.978404	.9396799	2672.742	633.1662	1.790997

#1	.7138249	.0040253	-.032945	-.115908	-.000450	.0391895
#2	-.104700	.0038609	-.032346	.155351	-.001437	.0379678
#3	1.612821	.0036438	-.032764	-.055426	.001244	.0391505

Sample Name: ICSA058 Acquired: 01/13/2025 16:10:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034128	.0077755	-.004964	F .0136577	-.004574	-.004296
Stddev	.0006598	.0016240	.000480	.0010325	.003038	.000509
%RSD	19.33227	20.88677	9.663872	7.559845	66.42230	11.85660
#1	.0039920	.0059387	-.005515	.0126567	-.005525	-.004879
#2	.0026946	.0090213	-.004739	.0135973	-.001174	-.004073
#3	.0035517	.0083665	-.004637	.0147190	-.007023	-.003936

Elem	Li6707
Units	ppm
Avg	.0061812
Stddev	.0026047
%RSD	42.13970
#1	.0090315
#2	.0055876
#3	.0039245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.227	33578.34	2296.136	2018.664	3877.966
Stddev	3.556	52.43	11.026	6.055	5.368
%RSD	.1220799	.1561415	.4802112	.2999744	.1384114
#1	2911.204	33531.88	2308.818	2016.653	3878.809
#2	2911.143	33567.97	2290.776	2025.469	3872.227
#3	2917.333	33635.19	2288.814	2013.870	3882.862

Sample Name: ICSAB058 Acquired: 01/13/2025 16:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB058 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171723	.0926222	.0420968	.0776032	.5277001	247.1829
Stddev	.0036074	.0023335	.0029562	.0029593	.0024439	1.2036
%RSD	3.078669	2.519382	7.022346	3.813303	.4631129	.4869461

#1	.1181750	.0930140	.0449464	.0758228	.5266012	248.5476
#2	.1201722	.0901176	.0422996	.0759676	.5305005	246.2727
#3	.1131697	.0947351	.0390445	.0810192	.5259986	246.7283

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5443948	.5202058	1.017147	259.8811	.6226794	.4983477
Stddev	.0041630	.0060400	.001433	.8457	.0023801	.0005665
%RSD	.7647061	1.161076	.1408500	.3254064	.3822290	.1136753

#1	.5484104	.5181590	1.018059	260.8477	.6218176	.4987648
#2	.5446754	.5270032	1.015496	259.5179	.6208502	.4977028
#3	.5400986	.5154551	1.017886	259.2778	.6253703	.4985756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301714	104.3622	.5217240	255.0279	.9989990	.1966282
Stddev	.0042564	.5780	.0019973	1.2889	.0022047	.0009816
%RSD	.8028378	.5538056	.3828216	.5053998	.2206936	.4992360

#1	.5264726	104.9638	.5198195	256.5138	1.001385	.1963831
#2	.5348237	103.8112	.5238027	254.2106	.998575	.1957924
#3	.5292179	104.3116	.5215498	254.3594	.997037	.1977092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280684	.5392806	.9836251	-.857286	.0041140	F .0409489
Stddev	.637953	.0052809	.0048353	.103597	.0007883	.0019985
%RSD	49.81344	.9792538	.4915837	12.08426	19.16003	4.880491

#1	1.399735	.5366582	.9787649	-.963907	.0032147	.0430970
#2	1.850725	.5453594	.9836752	-.850948	.0044423	.0391447
#3	.591592	.5358241	.9884352	-.757005	.0046851	.0406048

Sample Name: ICSAB058 Acquired: 01/13/2025 16:30:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB058 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033944	.0112972	-.004351	F .0141745	-.004596	-.004329
Stddev	.0005847	.0047710	.000234	.0010472	.001100	.000331
%RSD	17.22478	42.23124	5.373968	7.387613	23.93389	7.640042
#1	.0040687	.0155970	-.004236	.0151844	-.004206	-.004336
#2	.0030858	.0061647	-.004620	.0130937	-.003744	-.003995
#3	.0030286	.0121300	-.004197	.0142455	-.005838	-.004657

Elem	Li6707
Units	ppm
Avg	F .0180539
Stddev	.0046667
%RSD	25.84885
#1	.0212848
#2	.0201733
#3	.0127036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.808	32551.28	2249.430	1946.752	3733.252
Stddev	2.992	139.37	16.009	7.433	4.322
%RSD	.1071219	.4281581	.7117034	.3817986	.1157678
#1	2795.244	32444.57	2255.529	1948.475	3735.259
#2	2793.711	32708.96	2231.267	1953.172	3736.206
#3	2789.469	32500.31	2261.492	1938.609	3728.292

Sample Name: CCV147 Acquired: 01/13/2025 16:41:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV147 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.965166	4.979631	25.41252	4.992154	4.844985	408.1825	10.30327
Stddev	.024907	.018448	.05359	.015725	.011965	1.8164	.05153
%RSD	.5016331	.3704693	.2108878	.3150008	.2469643	.4449994	.5001660

#1	4.993925	4.962010	25.36270	4.997619	4.855094	406.3773	10.24489
#2	4.951074	4.978076	25.40565	5.004418	4.848086	408.1603	10.32252
#3	4.950501	4.998808	25.46922	4.974425	4.831774	410.0099	10.34241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5077025	2.565954	413.7586	16.05573	2.468060	15.10423	411.9669
Stddev	.0053140	.004900	.8148	.01705	.003496	.13677	.9740
%RSD	1.046676	.1909773	.1969221	.1061654	.1416630	.9054866	.2364241

#1	.5104687	2.560543	413.1797	16.04524	2.464932	15.17931	410.9203
#2	.5015760	2.567225	413.4059	16.07539	2.467415	14.94637	412.1334
#3	.5110627	2.570093	414.6904	16.04655	2.471834	15.18701	412.8468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06301	407.6725	2.576742	1.236552	407.2090	2.496722	15.51741
Stddev	.03754	1.0929	.004090	.001757	1.5311	.023902	.05104
%RSD	.2491870	.2680917	.1587117	.1421062	.3759879	.9573249	.3289242

#1	15.02198	406.5046	2.572924	1.236451	405.6581	2.515509	15.53529
#2	15.07144	408.6706	2.576243	1.234847	407.2494	2.469819	15.55709
#3	15.09562	407.8424	2.581058	1.238357	408.7195	2.504837	15.45983

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.7930	5.161101	5.067644	4.800462	5.180901	4.932986	5.131001
Stddev	1.9174	.013724	.044452	.000806	.006763	.047505	.009234
%RSD	1.199951	.2659098	.8771724	.0167897	.1305276	.9629992	.1799702

#1	157.8751	5.146769	5.090127	4.801260	5.173200	4.963919	5.123395
#2	159.7940	5.162410	5.016441	4.800476	5.183630	4.878289	5.128333
#3	161.7100	5.174123	5.096363	4.799649	5.185872	4.956750	5.141276

Sample Name: CCV147 Acquired: 01/13/2025 16:41:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV147 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.057068	4.846718	5.329066
Stddev	.014728	.023357	.065044
%RSD	.2912419	.4819084	1.220553

#1	5.045570	4.821632	5.256534
#2	5.051965	4.850684	5.348451
#3	5.073669	4.867837	5.382214

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.813	30493.13	2150.050	1712.980	3268.514
Stddev	7.723	125.71	12.717	12.149	17.960
%RSD	.3346638	.4122444	.5914679	.7092269	.5494954

#1	2316.685	30515.02	2136.945	1709.975	3288.737
#2	2302.592	30357.91	2162.339	1702.616	3262.382
#3	2304.163	30606.45	2150.867	1726.350	3254.422

Sample Name: CCB147 Acquired: 01/13/2025 16:44:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB147 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033649	.0000232	-.000208	.0027623	.0013508	-.001837
Stddev	.0002614	.0002823	.001526	.0028111	.0019806	.010337
%RSD	7.767210	1215.002	733.7718	101.7664	146.6267	562.7187

#1	.0032633	-.000190	-.001938	.0024773	.0013930	-.011619
#2	.0036618	-.000084	.000947	.0057051	.0033099	-.002868
#3	.0031696	.000343	.000366	.0001046	-.000651	.008976

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006493	.0002313	-.000062	-.016278	.0001490	.0001807
Stddev	.0012595	.0000610	.000022	.006028	.0002665	.0000786
%RSD	193.9660	26.38653	35.82913	37.03037	178.8871	43.50871

#1	-.000054	.0002753	-.000087	-.013800	-.000025	.0000971
#2	-.000101	.0002570	-.000045	-.011884	.000456	.0001919
#3	.002103	.0001616	-.000053	-.023150	.000016	.0002531

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007389	-.009701	.0000658	.0133575	.0000289	-.000032
Stddev	.0006755	.015114	.0007061	.0602895	.0004744	.000792
%RSD	91.41991	155.8008	1072.583	451.3534	1641.166	2448.822

#1	-.000040	-.003314	.0007438	.0462675	.0005009	-.000292
#2	.001097	-.026960	.0001190	-.056225	.0000337	-.000662
#3	.001160	.001171	-.000665	.050030	-.000448	.000857

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6235003	-.000059	.0004297	1.815324	-.000616	.0104230
Stddev	1.067903	.000138	.0003155	.134835	.001320	.0013268
%RSD	171.2755	236.0845	73.42068	7.427596	214.4098	12.72948

#1	1.851687	-.000106	.0004197	1.939454	-.000543	.0091312
#2	-.085908	.000097	.0001193	1.834648	.000666	.0103556
#3	.104722	-.000167	.0007500	1.671870	-.001970	.0117822

Sample Name: CCB147 Acquired: 01/13/2025 16:44:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB147 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000266	-.001114	-.002470	.0006902	.0017413	.0000000
Stddev	.000708	.002119	.000335	.0004979	.0021431	.0002689
%RSD	266.5315	190.1688	13.55823	72.14273	123.0695	589876.3
#1	.000330	.001281	-.002086	.0001702	.0030719	-.000069
#2	-.001049	-.001879	-.002706	.0007378	.0028830	-.000227
#3	-.000079	-.002744	-.002616	.0011627	-.000731	.000297

Elem	Li6707
Units	ppm
Avg	F .0363253
Stddev	.0080309
%RSD	22.10824
#1	.0450366
#2	.0347230
#3	.0292164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.303	36211.56	2359.431	2189.185	4537.611
Stddev	7.852	119.10	14.275	4.902	2.673
%RSD	.2477426	.3288915	.6050166	.2239271	.0589101
#1	3171.154	36175.54	2343.024	2183.596	4534.980
#2	3176.065	36114.62	2369.006	2192.757	4540.324
#3	3160.692	36344.50	2366.264	2191.201	4537.528

Sample Name: PB165922BL Acquired: 01/13/2025 16:53:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS922 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016385	.0021250	-.000418	.0008597	-.000385	-.006767	-.000391
Stddev	.0005344	.0012084	.000860	.0047147	.001869	.019288	.001659
%RSD	32.61543	56.86677	205.7412	548.4006	485.2243	285.0218	424.1893

#1	.0012746	.0021347	-.001173	.0046315	-.000479	-.028094	-.002167
#2	.0013889	.0033285	.000518	-.004426	.001529	.009457	.001117
#3	.0022521	.0009117	-.000598	.002374	-.002206	-.001665	-.000123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001209	-.000059	-.012206	-.000802	-.000136	.0000288	-.008553
Stddev	.0001393	.000040	.016563	.000299	.000204	.0001992	.032523
%RSD	115.2545	68.00387	135.6965	37.24000	150.3296	692.5098	380.2384

#1	-.000018	-.000092	.006778	-.000963	-.000281	-.000057	.000285
#2	.000120	-.000014	-.023710	-.000457	-.000223	-.000113	.018637
#3	.000261	-.000072	-.019685	-.000985	.000097	.000256	-.044582

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000563	.0982468	.0003681	-.000523	.1350204	.0006884	.0004944
Stddev	.002611	.0028087	.0000763	.000682	.3327720	.0014964	.0002349
%RSD	463.9946	2.858775	20.73365	130.4512	246.4605	217.3829	47.51064

#1	.002295	.0988354	.0003402	-.001308	.2020443	.0007895	.0005347
#2	-.001160	.1007145	.0003096	-.000178	-.226162	.0021316	.0002420
#3	-.002823	.0951904	.0004544	-.000082	.429179	-.000856	.0007065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6625911	.0014524	.0015633	-.000736	.0002446	-.002774	.0004128
Stddev	.1562822	.0005200	.0013681	.000276	.0003913	.000520	.0005469
%RSD	23.58653	35.79914	87.51343	37.43881	159.9918	18.75071	132.4824

#1	.4823027	.0019012	.0031429	-.001004	-.000005	-.003243	.0001343
#2	.7459363	.0008826	.0007849	-.000453	.000696	-.002864	.0000613
#3	.7595342	.0015735	.0007620	-.000751	.000043	-.002215	.0010430

Sample Name: PB165922BL Acquired: 01/13/2025 16:53:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS922 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002010	-.000218	-.012585
Stddev	.005621	.000126	.006491
%RSD	279.6137	57.96041	51.57331

#1	-.001181	-.000154	-.005527
#2	.003150	-.000136	-.013932
#3	-.008000	-.000363	-.018297

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.200	36040.78	2390.419	2172.157	4563.248
Stddev	10.837	55.82	22.106	.347	10.340
%RSD	.3443375	.1548920	.9247825	.0159790	.2266013

#1	3159.683	36073.65	2389.624	2171.766	4575.098
#2	3140.199	35976.32	2368.721	2172.428	4556.059
#3	3141.719	36072.36	2412.912	2172.278	4558.585

Sample Name: PB165910BL Acquired: 01/13/2025 17:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS910 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001369	.0010663	-.001839	.0033908	.0000161	.0218329
Stddev	.0004762	.0016638	.001550	.0021808	.0011732	.0163536
%RSD	347.8257	156.0289	84.28475	64.31536	7281.772	74.90363

#1	.0000354	-.000477	-.003319	.0043852	-.000470	.0336963
#2	-.000280	.000847	-.000228	.0048973	-.000836	.0031778
#3	.000656	.002829	-.001970	.0008900	.001354	.0286246

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000688	.0002037	-.000038	-.019329	-.000153	-.000032
Stddev	.001245	.0001294	.000004	.013445	.000783	.000443
%RSD	181.0760	63.49942	10.51794	69.55792	510.7567	1381.287

#1	-.001146	.0000865	-.000042	-.004627	.000462	-.000494
#2	.000722	.0001822	-.000038	-.022359	.000112	.000388
#3	-.001639	.0003425	-.000034	-.030999	-.001035	.000010

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	.0077701	-.000698	.0349851	-.000245	.0001270
Stddev	.000360	.0256303	.000639	.0632565	.000459	.0003890
%RSD	290.3752	329.8568	91.48831	180.8097	187.3874	306.2153

#1	-.000090	.0325942	.000023	.1008467	-.000083	.0000278
#2	-.000499	.0093128	-.000924	.0294053	-.000763	-.000203
#3	.000218	-.018597	-.001194	-.025297	.000111	.000556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.607879	.0006310	.0001031	.6617839	-.000197	.0010356
Stddev	.466327	.0003653	.0003353	.1637238	.002076	.0007570
%RSD	76.71383	57.88902	325.1560	24.73976	1053.433	73.09859

#1	-.555977	.0002981	.0003622	.6193587	-.002070	.0002802
#2	-1.09799	.0010218	-.000276	.5234486	-.000555	.0017943
#3	-.16967	.0005733	.000223	.8425445	.002035	.0010324

Sample Name: PB165910BL Acquired: 01/13/2025 17:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: PBS910 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000962	.0003026	-.002016	-.000478	.0028689	-.000159
Stddev	.000414	.0034190	.001107	.000967	.0021554	.000136
%RSD	42.96882	1129.894	54.89565	202.0096	75.12857	85.56715
#1	-.001235	.0001022	-.002616	-.001287	.0004487	-.000316
#2	-.000487	-.003012	-.000739	-.000740	.0045816	-.000076
#3	-.001165	.003817	-.002693	.000592	.0035766	-.000085

Elem	Li6707
Units	ppm
Avg	F -.034530
Stddev	.003843
%RSD	11.13002
#1	-.030114
#2	-.036358
#3	-.037118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.238	36252.61	2371.766	2189.089	4554.344
Stddev	2.112	71.16	19.061	9.875	4.938
%RSD	.0664059	.1962829	.8036733	.4511197	.1084180
#1	3181.807	36313.61	2353.742	2200.259	4560.027
#2	3181.070	36269.78	2391.718	2181.519	4551.901
#3	3177.837	36174.44	2369.836	2185.490	4551.103

Sample Name: PB165910BS Acquired: 01/13/2025 17:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS910 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241574	.0528681	.0160221	.0515745	.0967201	.4363128
Stddev	.0024650	.0015326	.0006950	.0020678	.0023711	.0109560
%RSD	10.20403	2.898890	4.337752	4.009416	2.451517	2.511042

#1	.0214052	.0518752	.0166677	.0495147	.0968690	.4307967
#2	.0249044	.0546331	.0152865	.0536503	.0942780	.4292113
#3	.0261625	.0520958	.0161120	.0515583	.0990132	.4489306

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4107138	.0106763	.0095368	10.57265	.0210380	.1026700
Stddev	.0037090	.0002848	.0000770	.09519	.0001041	.0002678
%RSD	.9030547	2.667763	.8071784	.9003606	.4950238	.2608842

#1	.4149791	.0108067	.0095997	10.67289	.0210601	.1024428
#2	.4089153	.0108726	.0095598	10.56160	.0209246	.1026020
#3	.4082469	.0103496	.0094510	10.48347	.0211293	.1029654

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584424	.1832182	.0309278	10.28613	.0768040	.0208340
Stddev	.0006092	.0284405	.0019029	.06024	.0005618	.0006439
%RSD	1.042370	15.52273	6.152771	.5856814	.7314467	3.090604

#1	.0587642	.2069981	.0306439	10.30424	.0774464	.0214822
#2	.0588232	.1909433	.0329568	10.33525	.0764046	.0201945
#3	.0577398	.1517133	.0291828	10.21891	.0765611	.0208254

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02333	.1114845	.1209124	10.01518	.0162348	F .0010921
Stddev	.85740	.0013573	.0005193	.14257	.0007490	.0010567
%RSD	8.554050	1.217445	.4295163	1.423554	4.613739	96.75889

#1	10.09657	.1130303	.1205319	10.05688	.0155565	.0017827
#2	9.13167	.1109355	.1215040	10.13224	.0161091	-.000124
#3	10.84177	.1104877	.1207011	9.85640	.0170387	.001618

Sample Name: PB165910BS Acquired: 01/13/2025 17:05:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS910 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170319	.1680362	F .4910787	.0137263	.2011920	.1958314
Stddev	.0004423	.0034994	.0054021	.0011622	.0004924	.0012644
%RSD	2.596952	2.082539	1.100040	8.466628	.2447427	.6456471
#1	.0166682	.1663896	.4923047	.0150485	.2011653	.1972185
#2	.0169031	.1656639	.4957624	.0132637	.2016972	.1955323
#3	.0175243	.1720552	.4851690	.0128666	.2007135	.1947433

Elem	Li6707
Units	ppm
Avg	F -.000287
Stddev	.000917
%RSD	319.2056
#1	-.000273
#2	-.001211
#3	.000623

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.968	35688.42	2338.058	2137.832	4345.505
Stddev	8.660	278.27	34.195	18.995	6.790
%RSD	.2764243	.7797170	1.462539	.8885069	.1562528
#1	3123.326	35483.10	2319.739	2125.524	4343.241
#2	3140.087	35577.04	2316.924	2128.265	4340.136
#3	3135.489	36005.13	2377.509	2159.708	4353.138

Sample Name: P5207-11 Acquired: 01/13/2025 17:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4811069	-.027832	.6846842	.1277475	.0307980	80.33965
Stddev	.0045397	.002008	.0026432	.0045716	.0018430	.27756
%RSD	.9435854	7.213150	.3860513	3.578621	5.984069	.3454811

#1	.4834578	-.025514	.6839573	.1329529	.0291945	80.65950
#2	.4758739	-.028990	.6824804	.1243849	.0328114	80.19728
#3	.4839889	-.028992	.6876148	.1259048	.0303880	80.16217

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.082230	.0093224	.0065088	51.45711	.1267715	.0756340
Stddev	.002799	.0000054	.0000519	.23753	.0004321	.0003510
%RSD	.2586208	.0581043	.7977966	.4616042	.3408064	.4641220

#1	1.083840	.0093283	.0064637	51.44875	.1265614	.0756024
#2	1.078998	.0093211	.0064971	51.22388	.1264846	.0752998
#3	1.083852	.0093177	.0065656	51.69871	.1272684	.0759997

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4218842	199.9611	15.86956	27.76044	.2109461	-.047074
Stddev	.0024073	.7333	.03861	.14700	.0012997	.001371
%RSD	.5706050	.3667144	.2433107	.5295356	.6161105	2.913468

#1	.4229446	200.7277	15.88803	27.83524	.2101347	-.047392
#2	.4235794	199.2664	15.82519	27.59109	.2102586	-.048259
#3	.4191288	199.8892	15.89548	27.85501	.2124452	-.045571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8199476	.1334556	.8227650	1.321257	F 12.35762	.1132020
Stddev	.3276784	.0006195	.0031870	.078549	.06459	.0016862
%RSD	39.96333	.4642208	.3873573	5.945015	.5226703	1.489587

#1	.7184646	.1327789	.8228374	1.333772	12.32580	.1146107
#2	.5550168	.1335927	.8259153	1.237201	12.31512	.1113336
#3	1.186361	.1339950	.8195424	1.392796	12.43194	.1136618

Sample Name: P5207-11 Acquired: 01/13/2025 17:09:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090342	2.007824	8.435926	.0369803	1.030694	-.067560
Stddev	.0003908	.017124	.036054	.0008029	.003694	.000590
%RSD	4.325544	.8528694	.4273809	2.171127	.3583924	.8733310
#1	.0094817	1.999682	8.464951	.0378701	1.034846	-.068225
#2	.0087605	1.996289	8.447259	.0367607	1.027771	-.067102
#3	.0088604	2.027500	8.395567	.0363101	1.029465	-.067352

Elem	Li6707
Units	ppm
Avg	.0684868
Stddev	.0025131
%RSD	3.669399
#1	.0679147
#2	.0663092
#3	.0712366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4005.981	47046.39	3121.551	2813.003	4232.989
Stddev	17.137	243.31	21.129	9.453	12.051
%RSD	.4277740	.5171793	.6768634	.3360324	.2846904
#1	4024.849	46803.94	3097.324	2802.341	4245.884
#2	4001.710	47290.56	3136.158	2820.358	4231.072
#3	3991.383	47044.69	3131.171	2816.310	4222.012

Sample Name: P5198-16 Acquired: 01/13/2025 17:13:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1397763	-.008399	.3172553	.0952804	.0241029	60.12971	.5552084
Stddev	.0040664	.001368	.0036806	.0026540	.0008961	.14254	.0024680
%RSD	2.909225	16.28206	1.160141	2.785443	3.717779	.2370465	.4445170

#1	.1387200	-.009164	.3134575	.0958231	.0230682	60.01344	.5525261
#2	.1442666	-.009213	.3175019	.0923970	.0246283	60.28873	.5573832
#3	.1363423	-.006820	.3208063	.0976211	.0246122	60.08697	.5557158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074519	.0062097	337.3729	.0948377	.0749162	.2121684	169.0236
Stddev	.0000568	.0000139	.9989	.0007823	.0000731	.0014520	.3034
%RSD	.7627032	.2240540	.2960880	.8248870	.0975654	.6843395	.1795200

#1	.0074210	.0062100	336.2415	.0941121	.0749685	.2118873	168.9352
#2	.0074171	.0061956	337.7440	.0956664	.0748327	.2108775	169.3614
#3	.0075175	.0062234	338.1331	.0947345	.0749475	.2137403	168.7742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.94737	23.81585	.1523060	-.040137	1.017500	.0549904	.5084224
Stddev	.05067	.15793	.0002643	.000748	.580501	.0016586	.0024694
%RSD	.2823192	.6631493	.1735403	1.864363	57.05173	3.016189	.4856964

#1	17.95808	23.78349	.1521623	-.039934	.347267	.0543572	.5056168
#2	17.99182	23.98747	.1521446	-.039511	1.361134	.0568723	.5093842
#3	17.89220	23.67661	.1526110	-.040965	1.344099	.0537416	.5102662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.31110	3.331579	.0946204	.0051307	1.513389	8.564317	.0263595
Stddev	.06098	.005709	.0015372	.0001816	.006914	.032996	.0016328
%RSD	2.638737	.1713615	1.624565	3.539399	.4568609	.3852762	6.194275

#1	-2.37754	3.336608	.0955882	.0052542	1.516220	8.544337	.0248847
#2	-2.25766	3.332756	.0954250	.0049222	1.505508	8.546213	.0260796
#3	-2.29811	3.325373	.0928479	.0052158	1.518437	8.602403	.0281141

Sample Name: P5198-16 Acquired: 01/13/2025 17:13:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5483169	.1986403	.0205305
Stddev	.0023261	.0009519	.0046200
%RSD	.4242161	.4792055	22.50325

#1	.5460021	.1976151	.0160588
#2	.5506540	.1994962	.0202471
#3	.5482946	.1988095	.0252858

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3772.680	43930.71	2973.889	2622.191	3817.414
Stddev	9.634	93.57	12.604	4.401	7.352
%RSD	.2553663	.2129946	.4238068	.1678408	.1925950

#1	3762.653	43871.82	2982.873	2625.249	3813.533
#2	3781.866	44038.60	2979.312	2624.178	3825.893
#3	3773.522	43881.70	2959.481	2617.147	3812.815

Sample Name: PB165922BS Acquired: 01/13/2025 17:17:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS922 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225909	.0539324	.0176567	.0553068	.0978318	.4083834
Stddev	.0015468	.0016705	.0008917	.0020099	.0016473	.0165716
%RSD	6.846860	3.097370	5.050489	3.634130	1.683803	4.057864

#1	.0219759	.0520790	.0170974	.0550364	.0996697	.4266996
#2	.0214462	.0553220	.0186851	.0574382	.0973375	.3944288
#3	.0243506	.0543961	.0171876	.0534457	.0964883	.4040220

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050464	.0105362	.0097151	10.44944	.0210731	.1042011
Stddev	.0014998	.0000172	.0000177	.03061	.0001621	.0001154
%RSD	.3702765	.1628420	.1825624	.2929793	.7690310	.1107233

#1	.4059431	.0105176	.0097153	10.47403	.0212334	.1040778
#2	.4033150	.0105397	.0097328	10.45913	.0210766	.1042191
#3	.4058812	.0105513	.0096973	10.41515	.0209094	.1043065

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0587373	.1877726	.0299038	10.15052	.0781209	.0208827
Stddev	.0013735	.0436610	.0010676	.02292	.0006708	.0010288
%RSD	2.338331	23.25207	3.570109	.2258298	.8586757	4.926371

#1	.0602436	.2131697	.0294351	10.13756	.0780298	.0219799
#2	.0575543	.2127903	.0311256	10.17699	.0788325	.0199398
#3	.0584141	.1373577	.0291507	10.13702	.0775002	.0207283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.856140	.1108696	.1204095	9.723916	.0159723	F .0011377
Stddev	.298584	.0015022	.0006314	.226995	.0009273	.0019467
%RSD	3.029421	1.354942	.5244127	2.334402	5.805629	171.1034

#1	9.681089	.1123014	.1209725	9.482763	.0166873	.0012657
#2	10.20090	.1093057	.1197267	9.755550	.0149246	-.000870
#3	9.68643	.1110017	.1205292	9.933435	.0163051	.003017

Sample Name: PB165922BS Acquired: 01/13/2025 17:17:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: LCS922 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172700	.1699433	F .4877718	.0144326	.1965450	.1941589
Stddev	.0004290	.0063474	.0027021	.0002671	.0043543	.0006515
%RSD	2.483999	3.735008	.5539707	1.850867	2.215438	.3355304
#1	.0176752	.1629415	.4908844	.0142458	.2013615	.1948508
#2	.0168207	.1715678	.4864034	.0147385	.1928872	.1935573
#3	.0173142	.1753206	.4860277	.0143134	.1953863	.1940686

Elem	Li6707
Units	ppm
Avg	F .0001445
Stddev	.0024763
%RSD	1714.115
#1	-.000783
#2	.002951
#3	-.001734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3111.792	35985.75	2367.103	2158.266	4328.454
Stddev	12.584	57.29	27.381	4.738	13.110
%RSD	.4043874	.1592021	1.156732	.2195391	.3028704
#1	3113.376	36041.58	2336.142	2156.837	4329.102
#2	3098.491	35988.57	2388.133	2163.554	4315.032
#3	3123.508	35927.10	2377.033	2154.406	4341.227

Sample Name: CCV148 Acquired: 01/13/2025 17:21:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV148 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.954620	4.987250	25.54247	5.045827	4.911793	418.3417	10.49290
Stddev	.002996	.009358	.02295	.004424	.012403	.7395	.01628
%RSD	.0604708	.1876296	.0898681	.0876805	.2525065	.1767720	.1551764

#1	4.956194	4.976564	25.51601	5.049788	4.903597	419.1955	10.51067
#2	4.951165	4.993980	25.55716	5.041053	4.905722	417.9022	10.48934
#3	4.956502	4.991206	25.55423	5.046640	4.926062	417.9275	10.47870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5233899	2.579588	418.7150	16.02952	2.477788	15.50371	419.3993
Stddev	.0028447	.001137	.8888	.03240	.001683	.07867	.7427
%RSD	.5435095	.0440598	.2122634	.2021125	.0679149	.5074315	.1770961

#1	.5223764	2.578605	418.0371	15.99913	2.476171	15.47821	419.9644
#2	.5266025	2.580832	418.3866	16.06361	2.477663	15.59197	418.5580
#3	.5211907	2.579325	419.7212	16.02582	2.479529	15.44095	419.6753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34734	415.9596	2.585588	1.235068	413.0406	2.567581	15.57673
Stddev	.04120	.8938	.002261	.007908	1.9432	.011116	.05173
%RSD	.2684778	.2148709	.0874641	.6402824	.4704581	.4329435	.3320700

#1	15.37432	416.8146	2.587830	1.227407	411.5669	2.564586	15.52698
#2	15.29991	415.0315	2.585628	1.243202	412.3121	2.579887	15.63022
#3	15.36780	416.0325	2.583307	1.234595	415.2427	2.558269	15.57299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.4702	5.153747	5.193397	4.869656	5.199486	5.064538	5.144780
Stddev	1.0341	.005896	.023488	.003217	.008320	.021434	.003591
%RSD	.6364573	.1143978	.4522763	.0660713	.1600179	.4232161	.0697989

#1	161.4516	5.147896	5.185125	4.869943	5.191611	5.056180	5.148867
#2	162.4397	5.153658	5.219902	4.866305	5.208189	5.088892	5.143344
#3	163.5191	5.159686	5.175164	4.872720	5.198657	5.048542	5.142130

Sample Name: CCV148 Acquired: 01/13/2025 17:21:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV148 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.151496	4.957502	5.294988
Stddev	.011494	.003801	.048234
%RSD	.2231124	.0766755	.9109376

#1	5.164607	4.961721	5.249778
#2	5.146721	4.954343	5.289424
#3	5.143159	4.956443	5.345763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.726	30604.97	2106.789	1719.545	3256.317
Stddev	1.089	42.53	10.687	6.854	4.053
%RSD	.0478264	.1389715	.5072821	.3986125	.1244739

#1	2277.882	30598.30	2105.537	1720.050	3259.537
#2	2275.720	30566.17	2096.783	1712.453	3251.766
#3	2276.575	30650.44	2118.048	1726.133	3257.650

Sample Name: CCB148 Acquired: 01/13/2025 17:24:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB148 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017097	.0019195	-.000992	.0032655	-.000831	.0069098
Stddev	.0014201	.0009698	.000328	.0021694	.001032	.0097962
%RSD	83.06026	50.52240	33.09212	66.43162	124.1872	141.7728

#1	.0002680	.0012229	-.000939	.0018444	-.000075	.0023866
#2	.0031072	.0015084	-.001344	.0057625	-.000411	.0001924
#3	.0017541	.0030270	-.000694	.0021897	-.002006	.0181504

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002900	.0002794	-.000025	.0027031	.0003781	-.000101
Stddev	.0015044	.0002002	.000019	.0183946	.0003841	.000122
%RSD	518.7190	71.64497	77.40933	680.4917	101.5767	120.5535

#1	.0020236	.0001018	-.000015	-.001413	.0000626	-.000026
#2	-.000674	.0004964	-.000013	-.013285	.0008058	-.000241
#3	-.000479	.0002402	-.000047	.022807	.0002659	-.000035

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010544	.0128784	-.001586	.1023190	-.000214	-.000134
Stddev	.0003162	.0172200	.001382	.0139916	.000402	.000664
%RSD	29.98541	133.7125	87.13572	13.67446	187.6950	496.7505

#1	.0012840	.0191022	-.000039	.1027168	.000218	-.000882
#2	.0006938	-.006588	-.002697	.0881328	-.000284	.000093
#3	.0011853	.026121	-.002022	.1161075	-.000576	.000388

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.395506	.0001386	.0005430	1.552808	.0003964	.0116718
Stddev	1.091485	.0012434	.0003887	.053794	.0003644	.0009504
%RSD	275.9716	897.2958	71.59240	3.464311	91.92273	8.142377

#1	-1.16023	.0012120	.0004812	1.541387	.0006653	.0105922
#2	.85446	-.001224	.0009589	1.611396	.0005423	.0123821
#3	-.88075	.000428	.0001888	1.505642	-.000018	.0120410

Sample Name: CCB148 Acquired: 01/13/2025 17:24:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v101) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB148 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001632	-.002769	-.001965	-.000302	.0008047	.0000701
Stddev	.0001964	.001113	.000799	.000548	.0027865	.0001651
%RSD	120.3836	40.19822	40.66260	181.4712	346.2896	235.5449
#1	.0001784	-.001879	-.001929	.000329	.0024774	-.000009
#2	.0003515	-.002412	-.001185	-.000578	-.002412	.000260
#3	-.000040	-.004017	-.002782	-.000656	.002349	-.000040

Elem	Li6707
Units	ppm
Avg	F .0292930
Stddev	.0071321
%RSD	24.34741
#1	.0373037
#2	.0269422
#3	.0236330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.016	36533.77	2436.972	2212.511	4587.942
Stddev	16.714	513.32	12.973	33.493	21.642
%RSD	.5213285	1.405057	.5323469	1.513782	.4717235
#1	3200.178	36951.95	2449.491	2239.099	4574.413
#2	3224.866	35960.89	2437.836	2174.895	4612.903
#3	3193.004	36688.48	2423.588	2223.540	4576.510