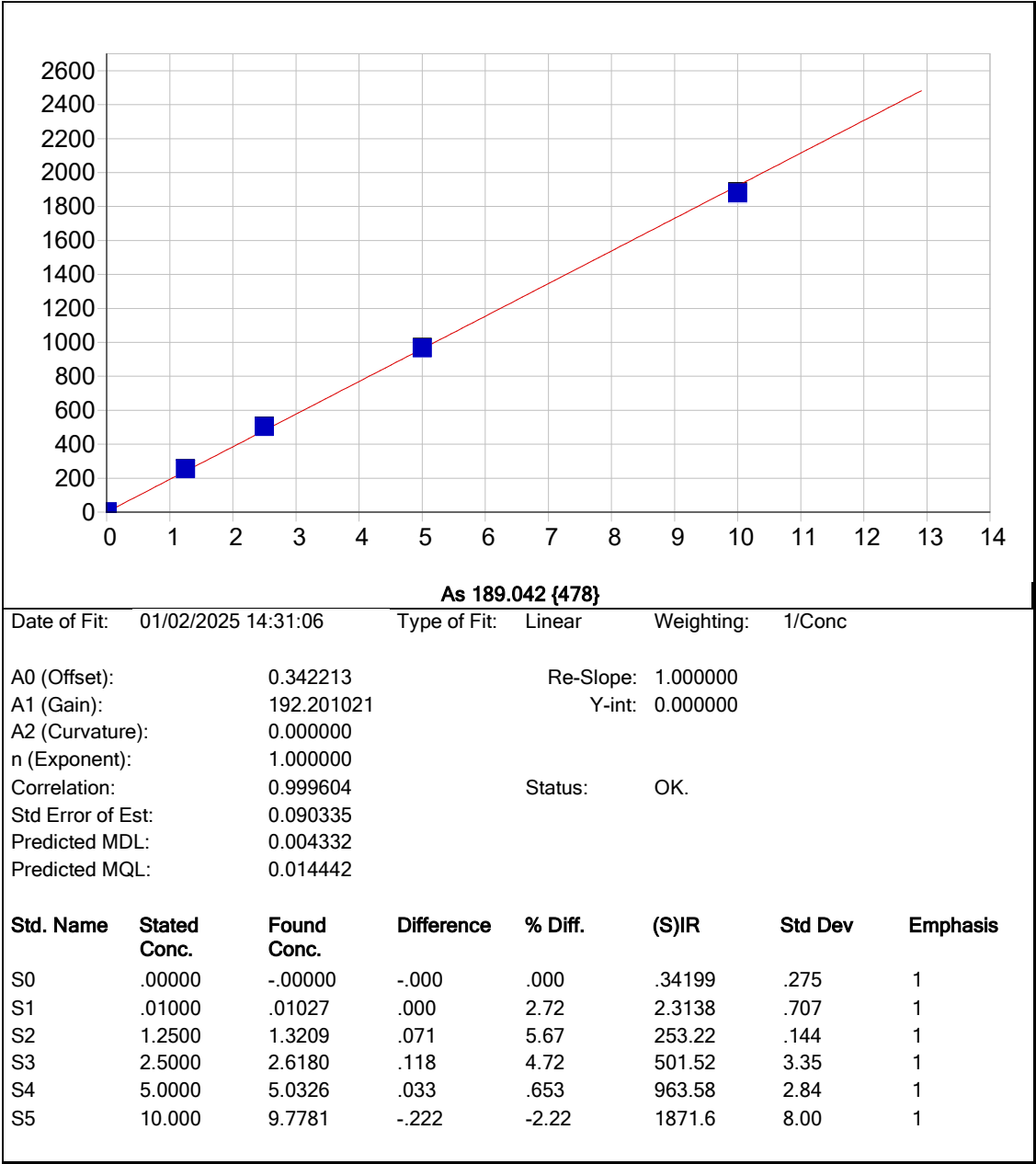
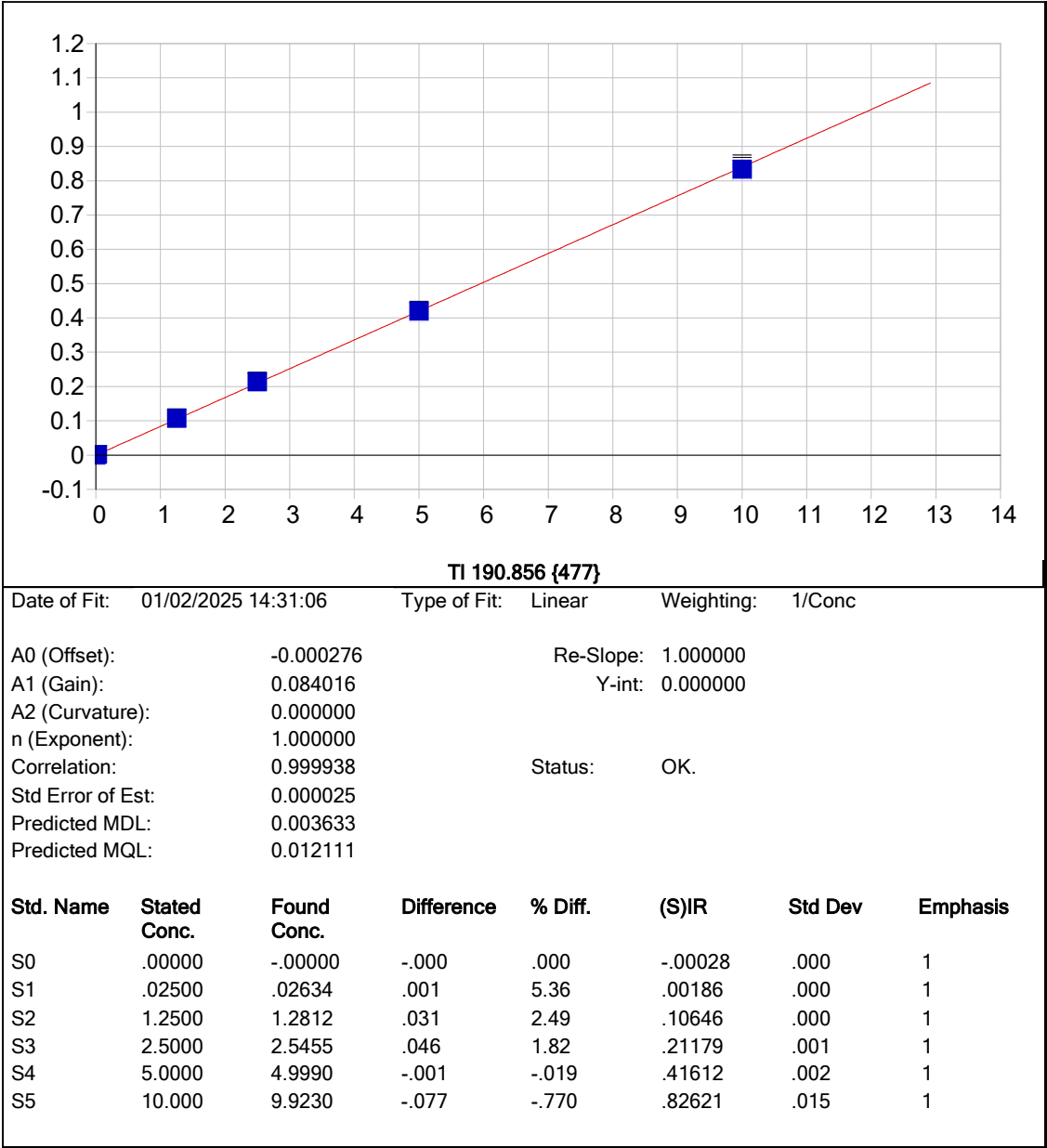
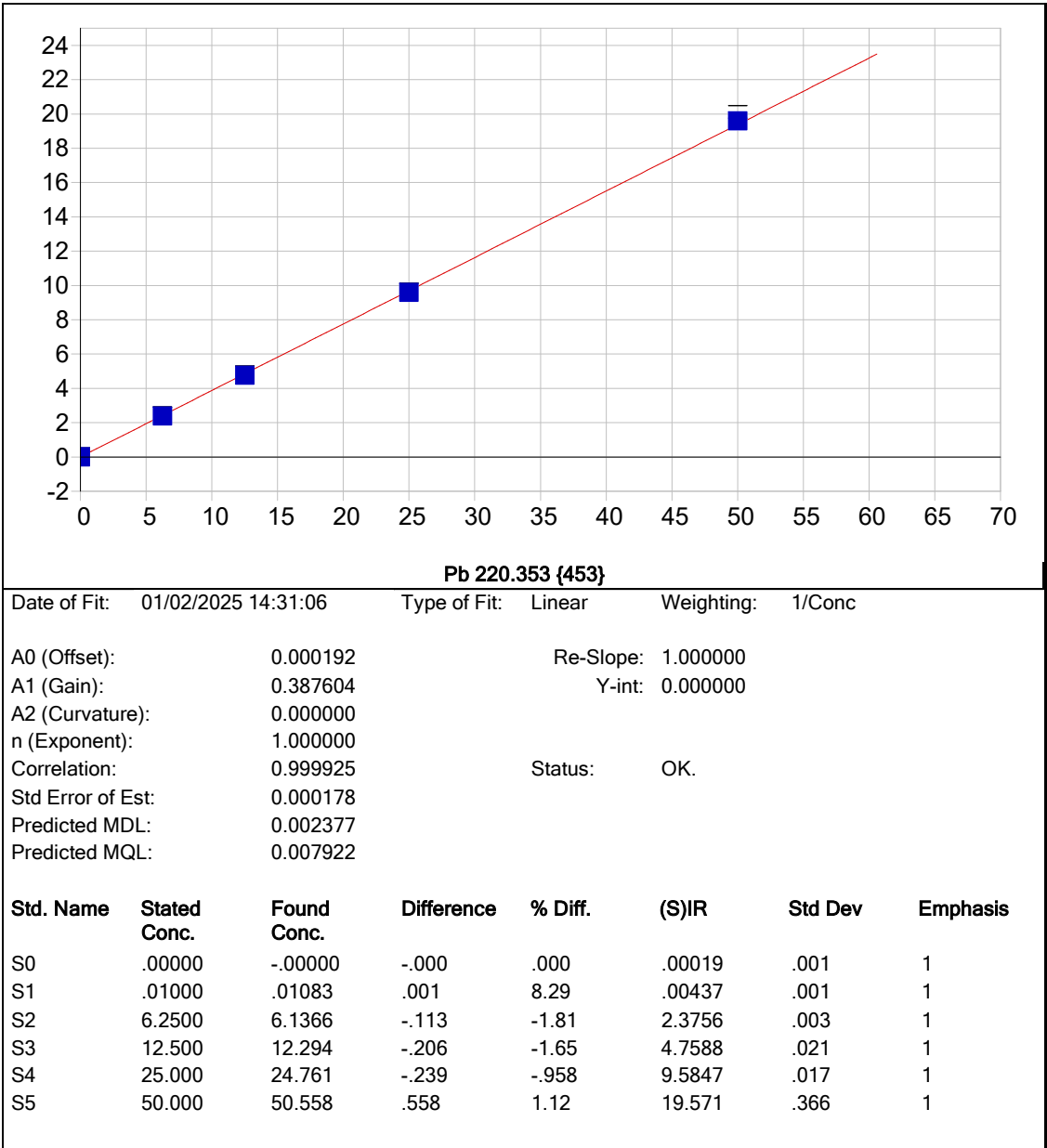


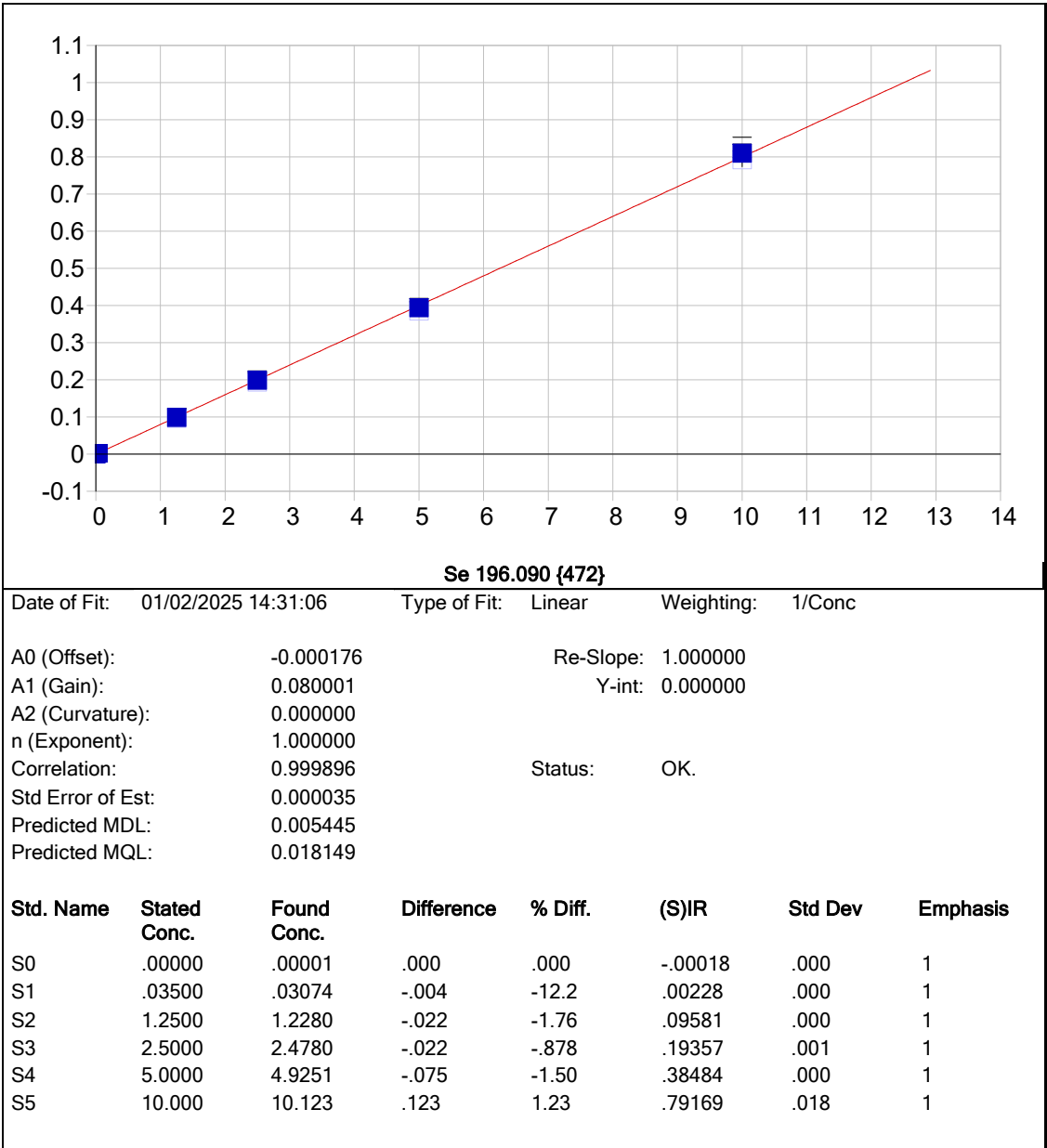


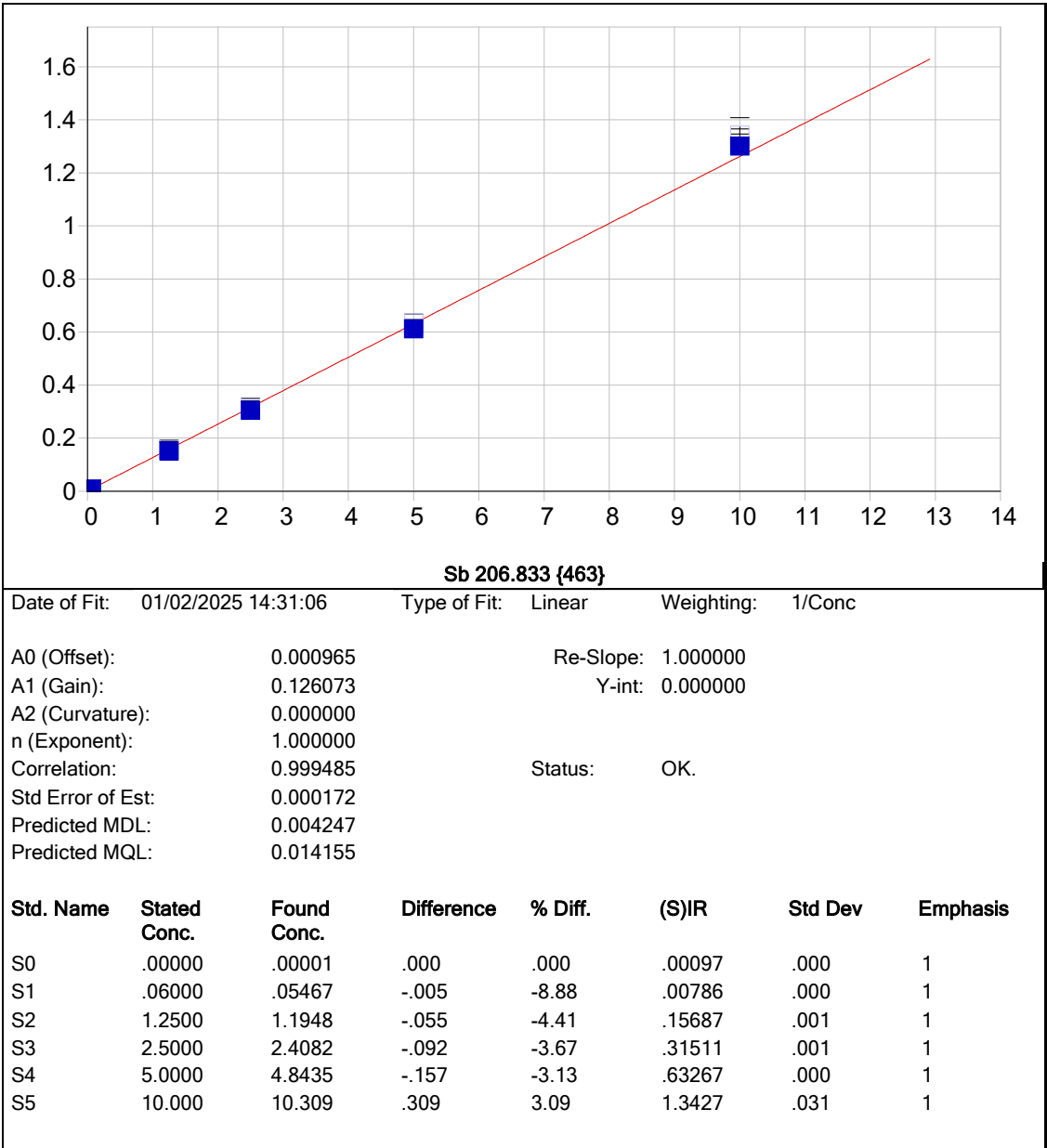




Date of Fit: 01/02/2025 14:31:06 Type of Fit: Linear Weighting: 1/Conc

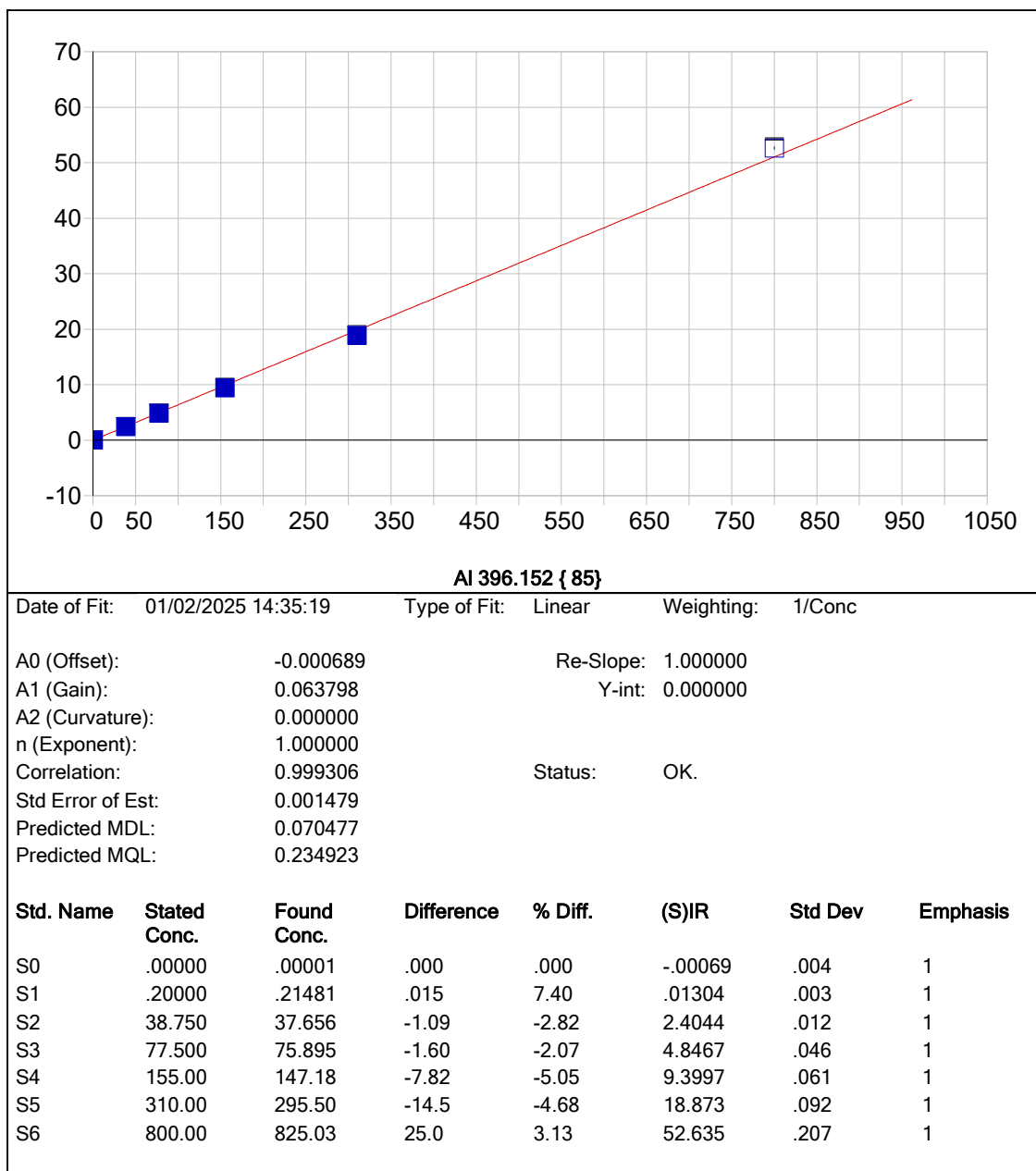
A0 (Offset): 0.000192 Re-Slope: 1.000000
A1 (Gain): 0.387604 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999925 Status: OK.
Std Error of Est: 0.000178
Predicted MDL: 0.002377
Predicted MQL: 0.007922

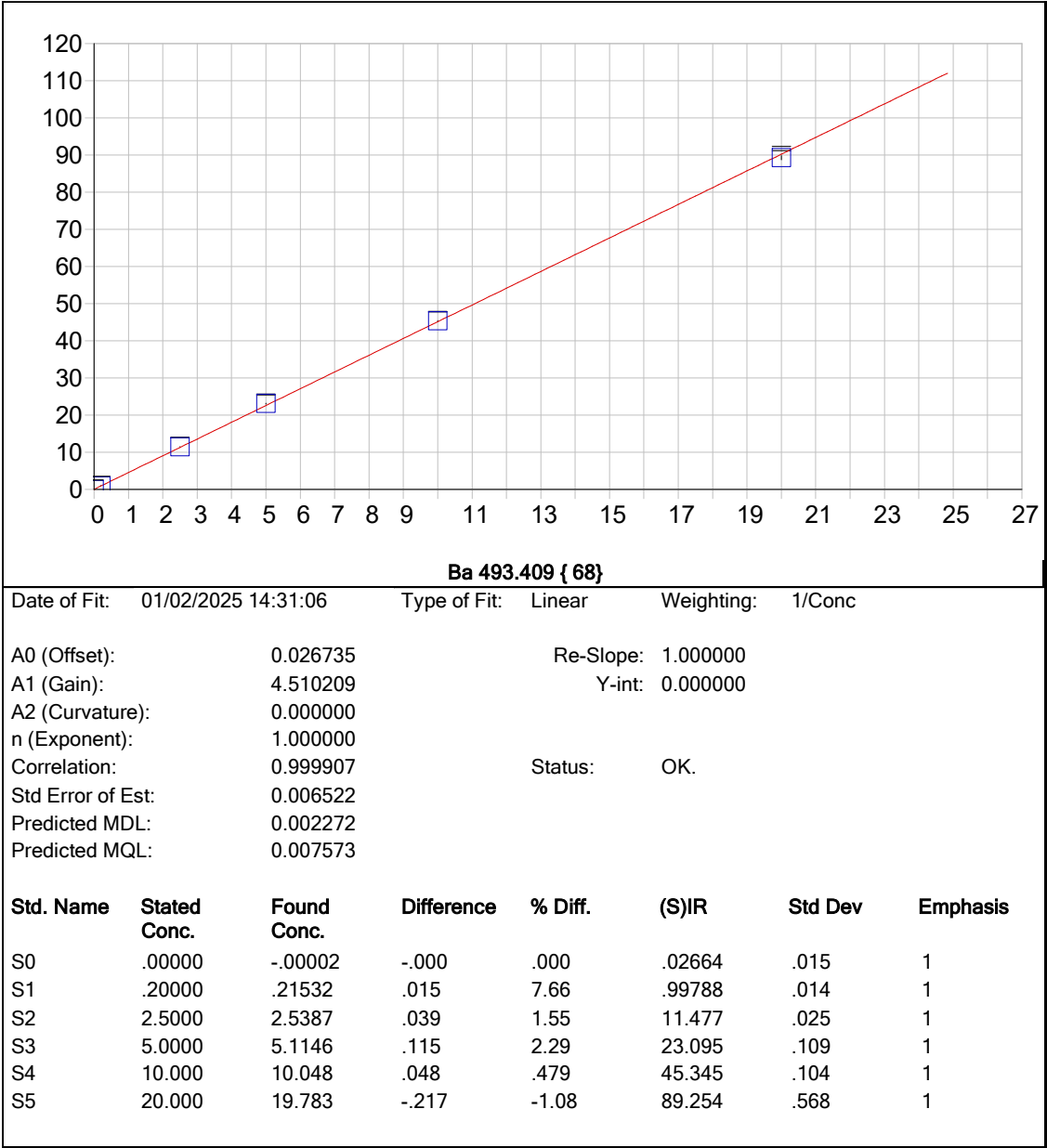


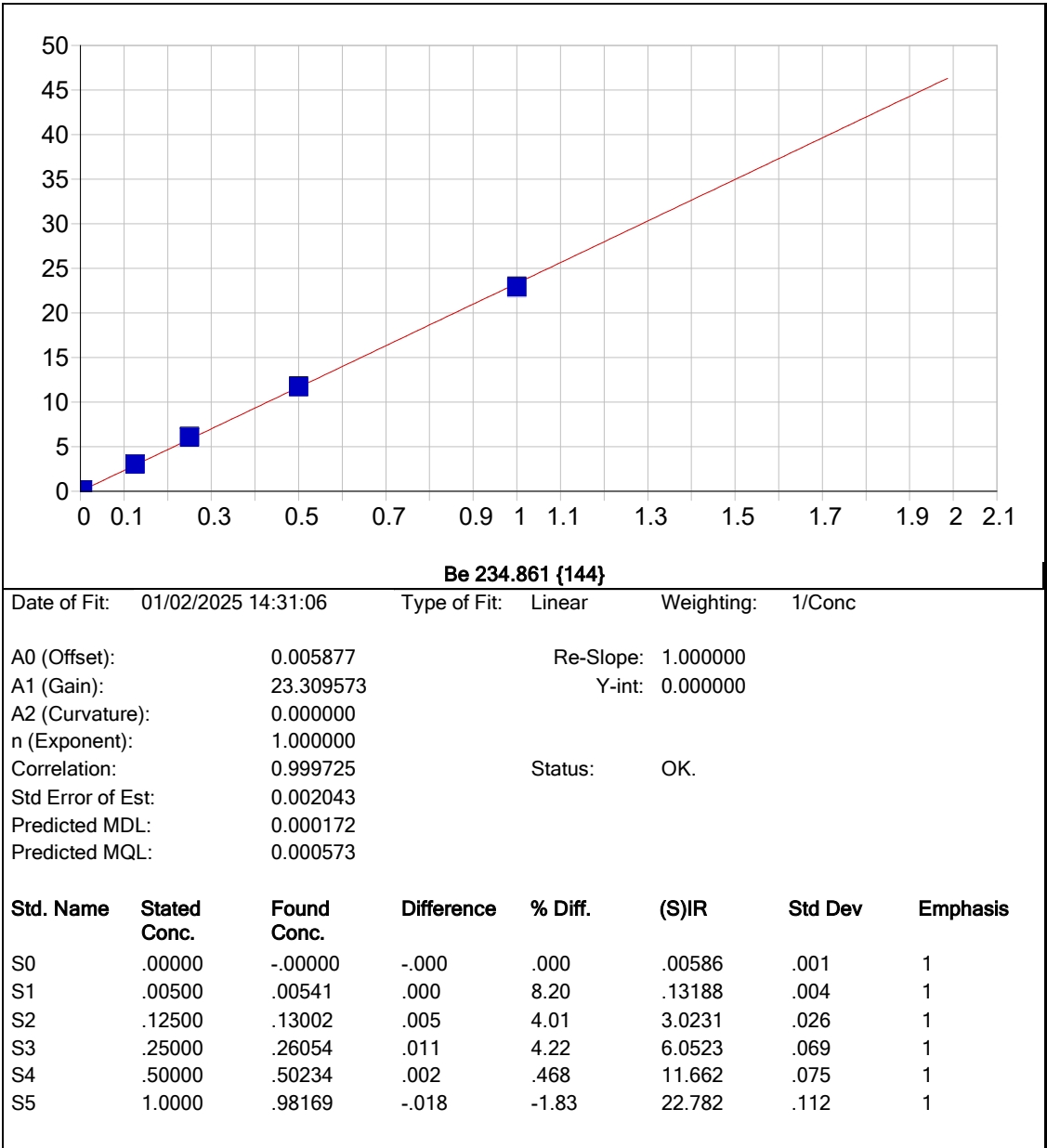


Date of Fit: 01/02/2025 14:31:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000965 Re-Slope: 1.000000
 A1 (Gain): 0.126073 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999485 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.004247
 Predicted MQL: 0.014155

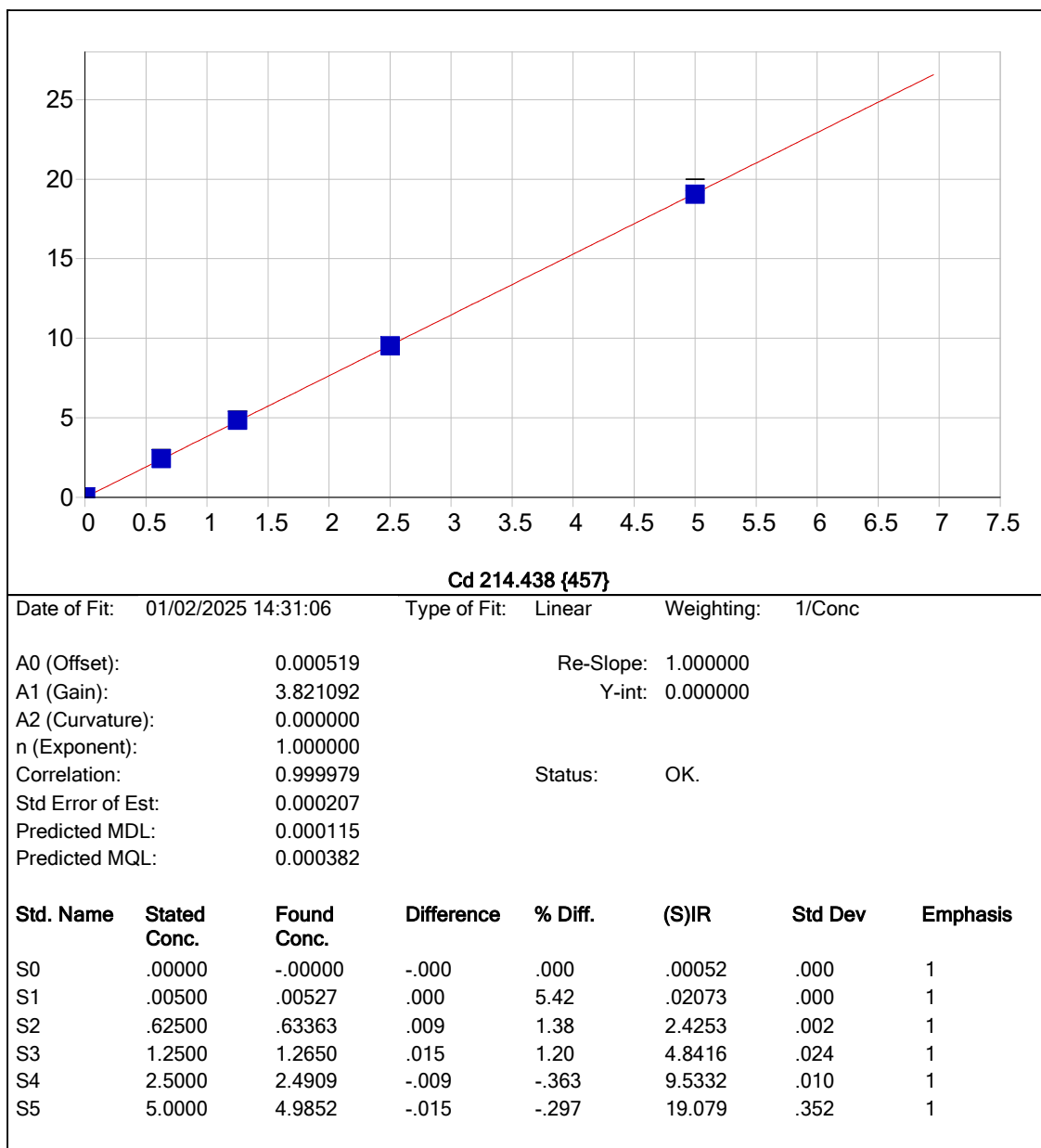


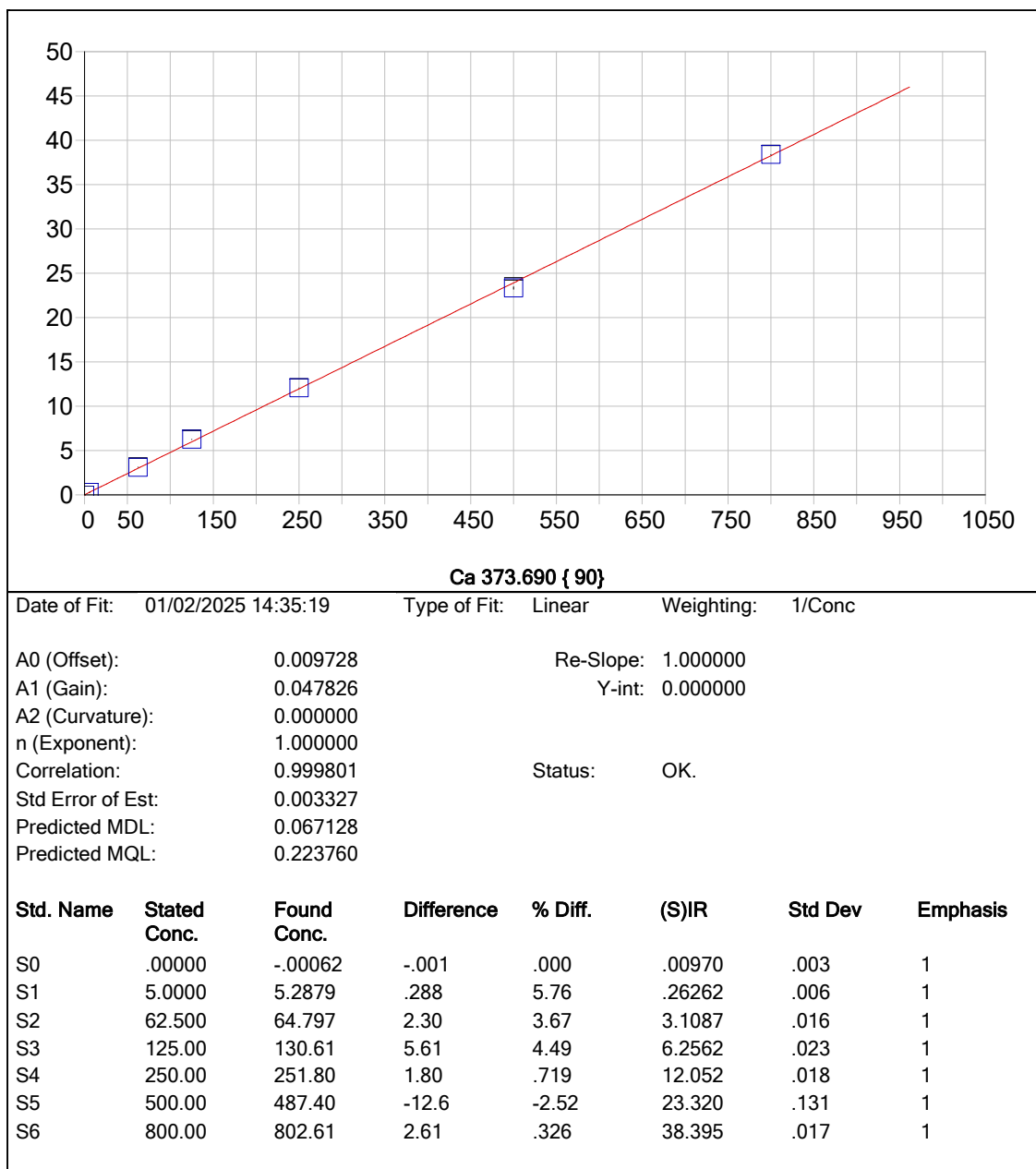


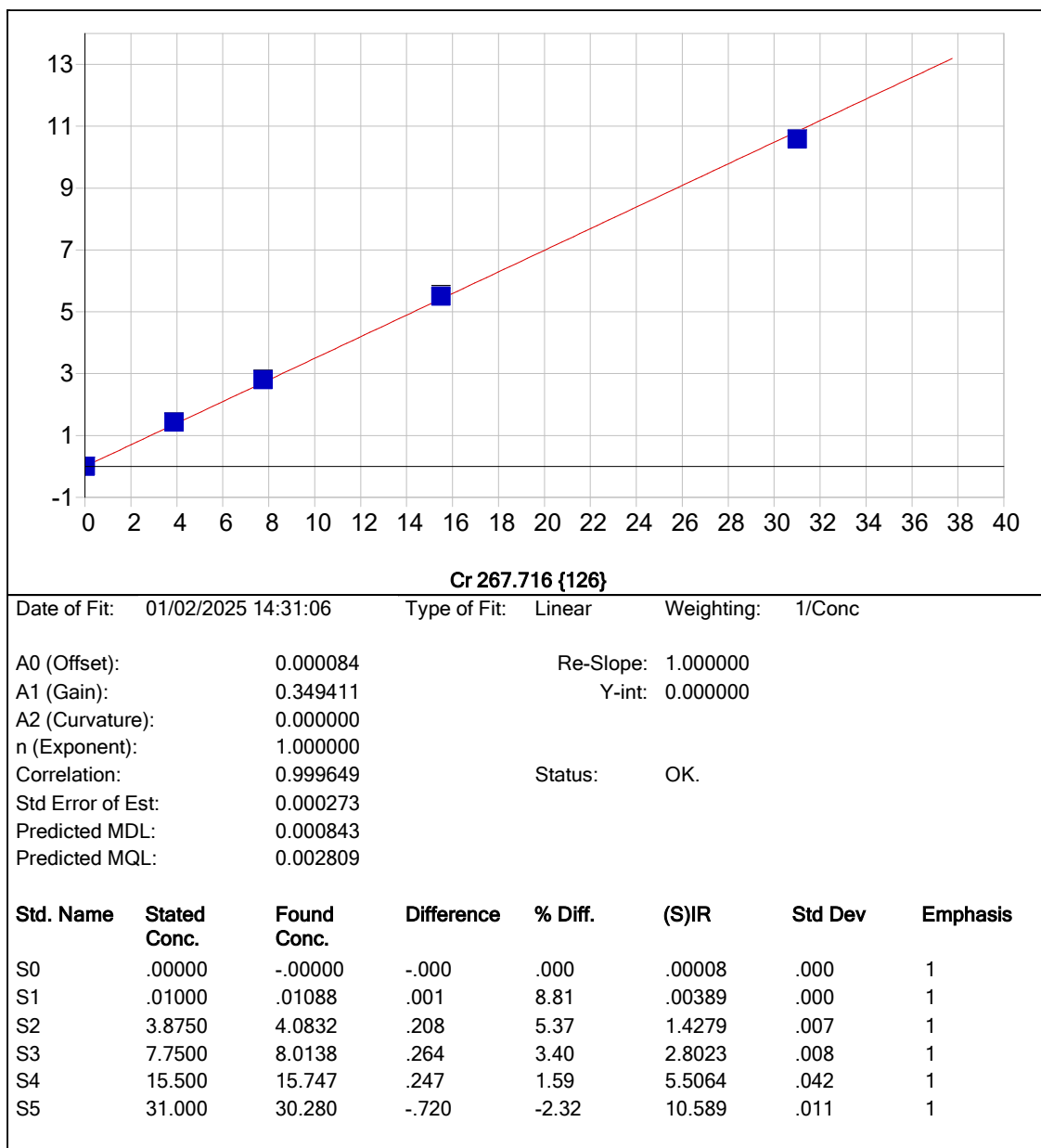


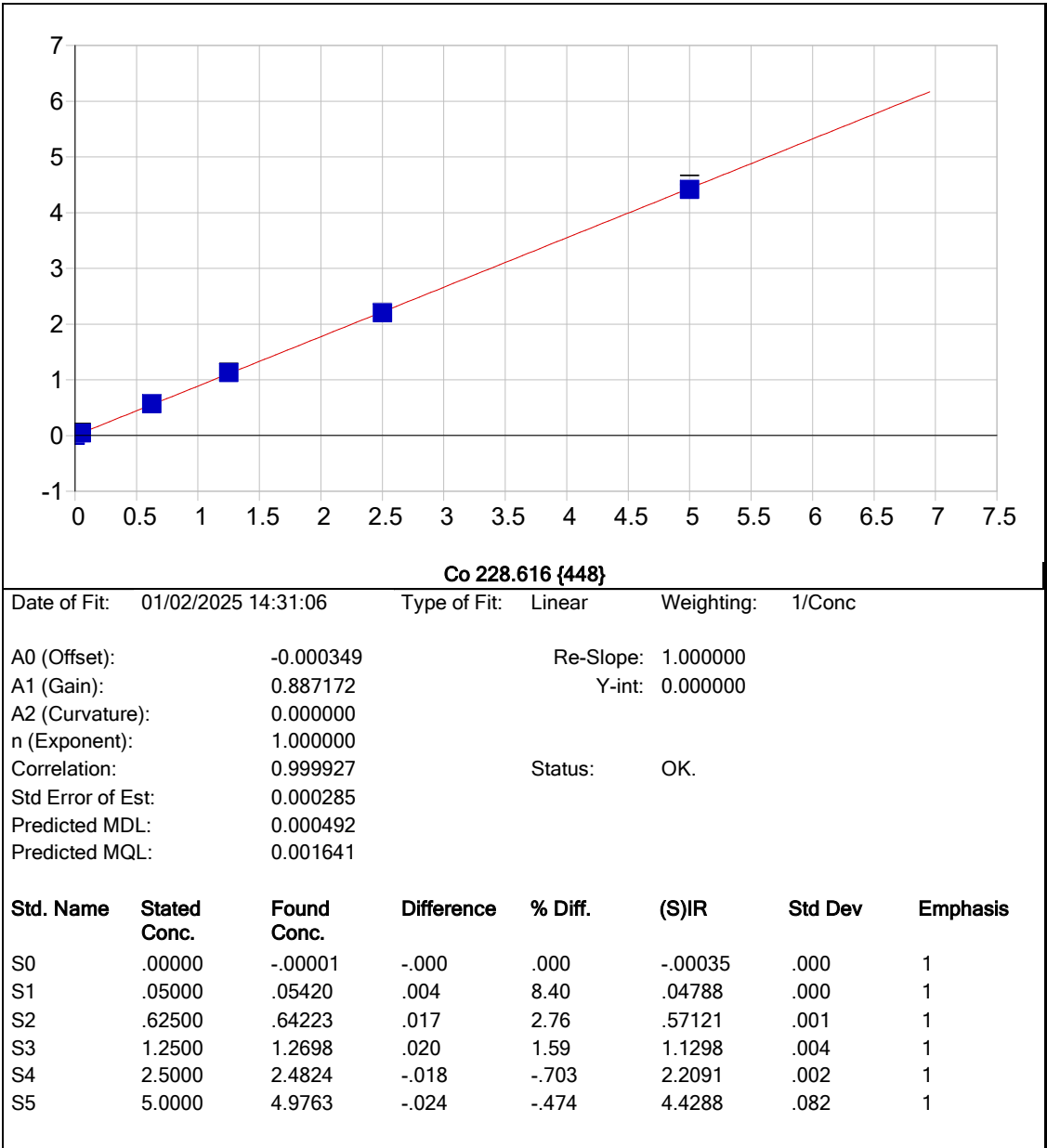
Date of Fit: 01/02/2025 14:31:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005877 Re-Slope: 1.000000
A1 (Gain): 23.309573 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999725 Status: OK.
Std Error of Est: 0.002043
Predicted MDL: 0.000172
Predicted MQL: 0.000573

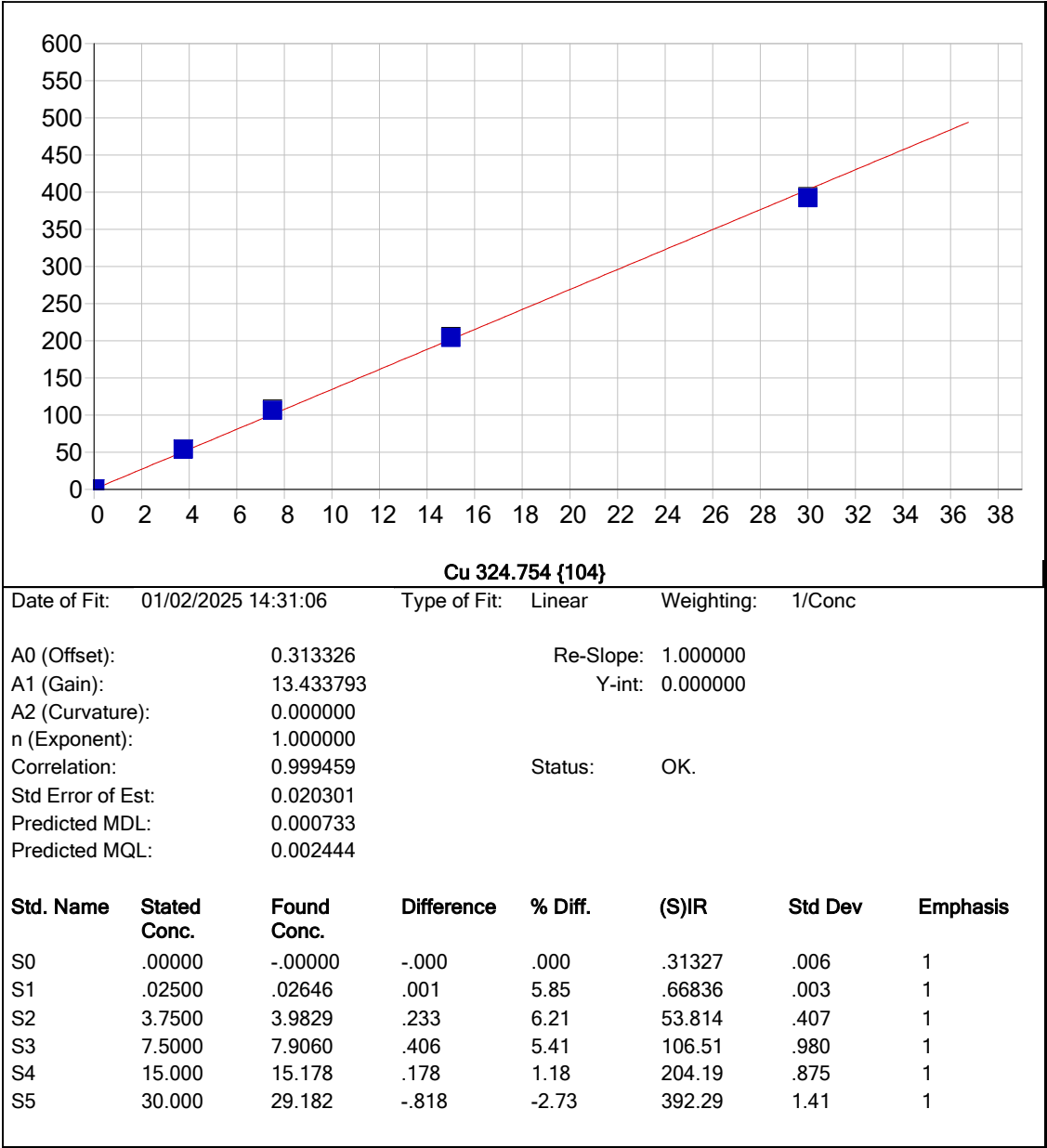


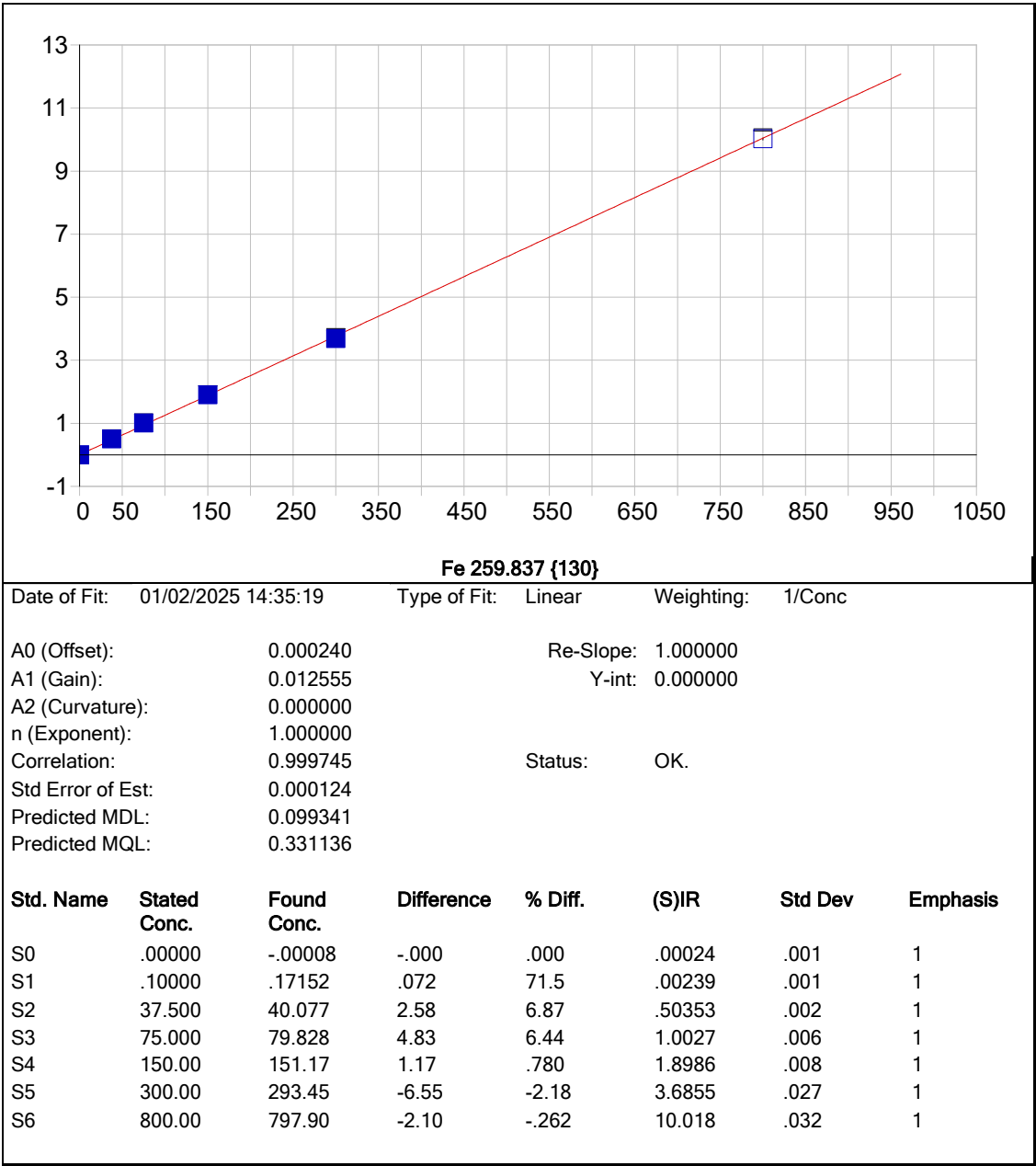


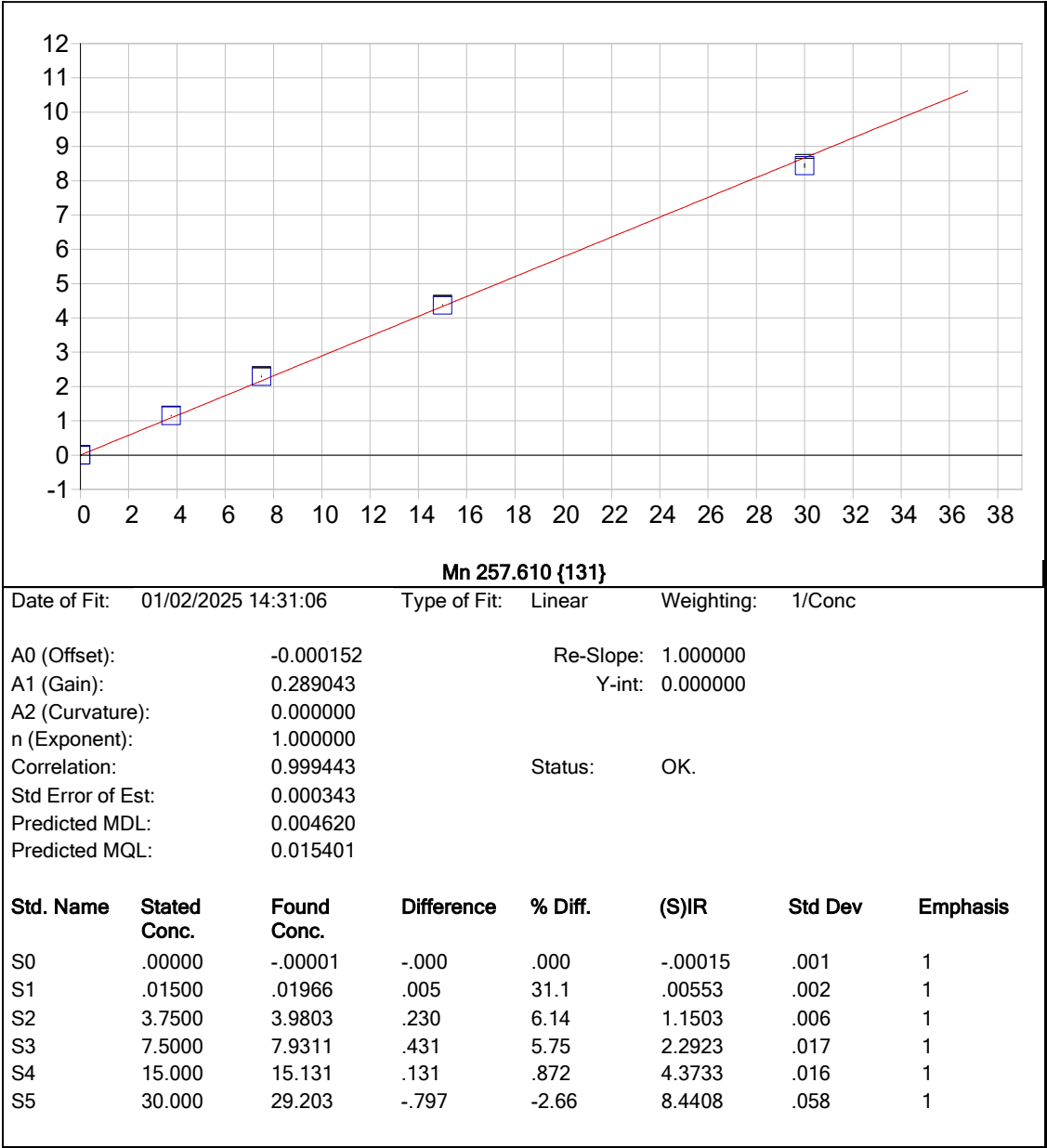


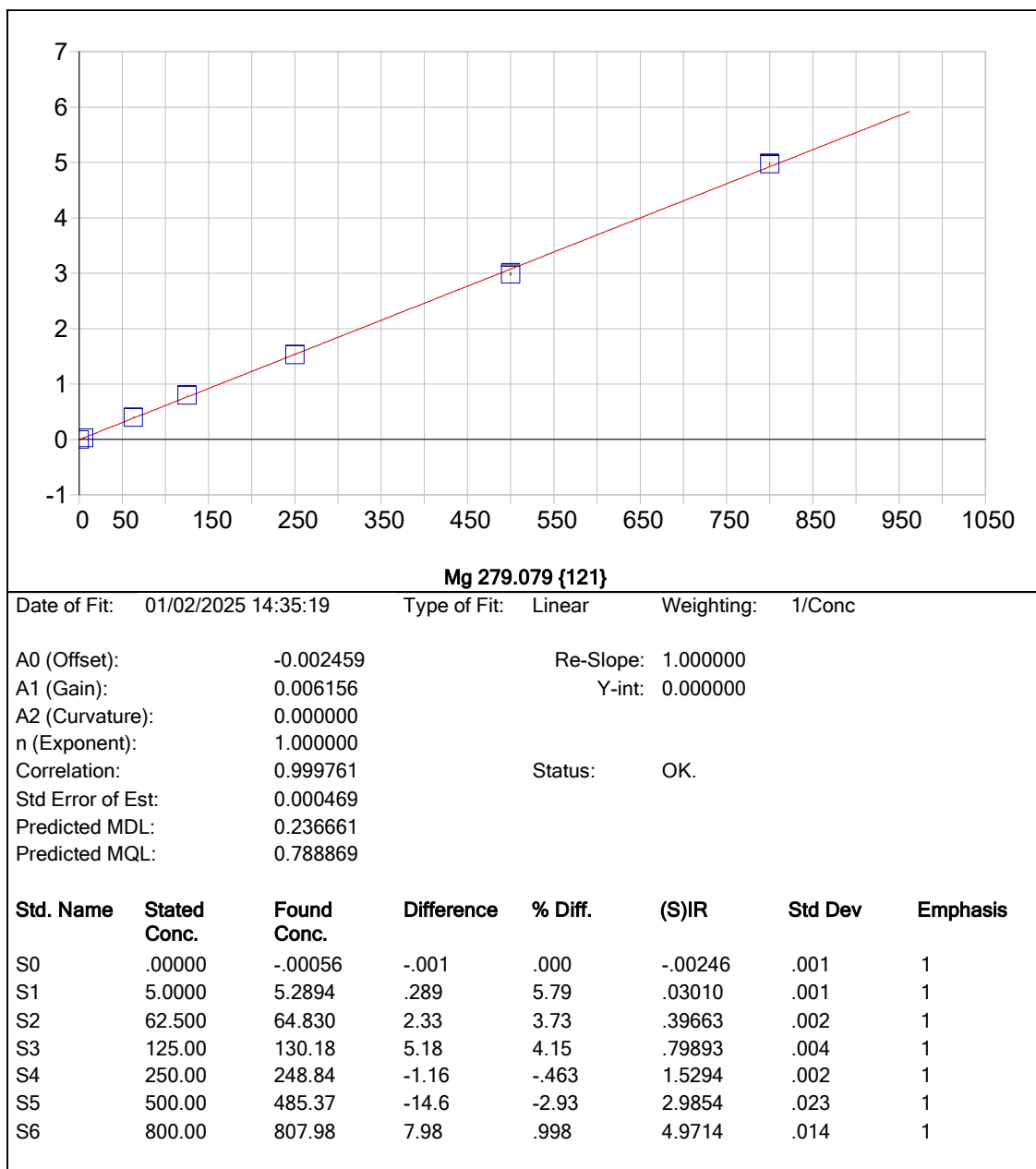


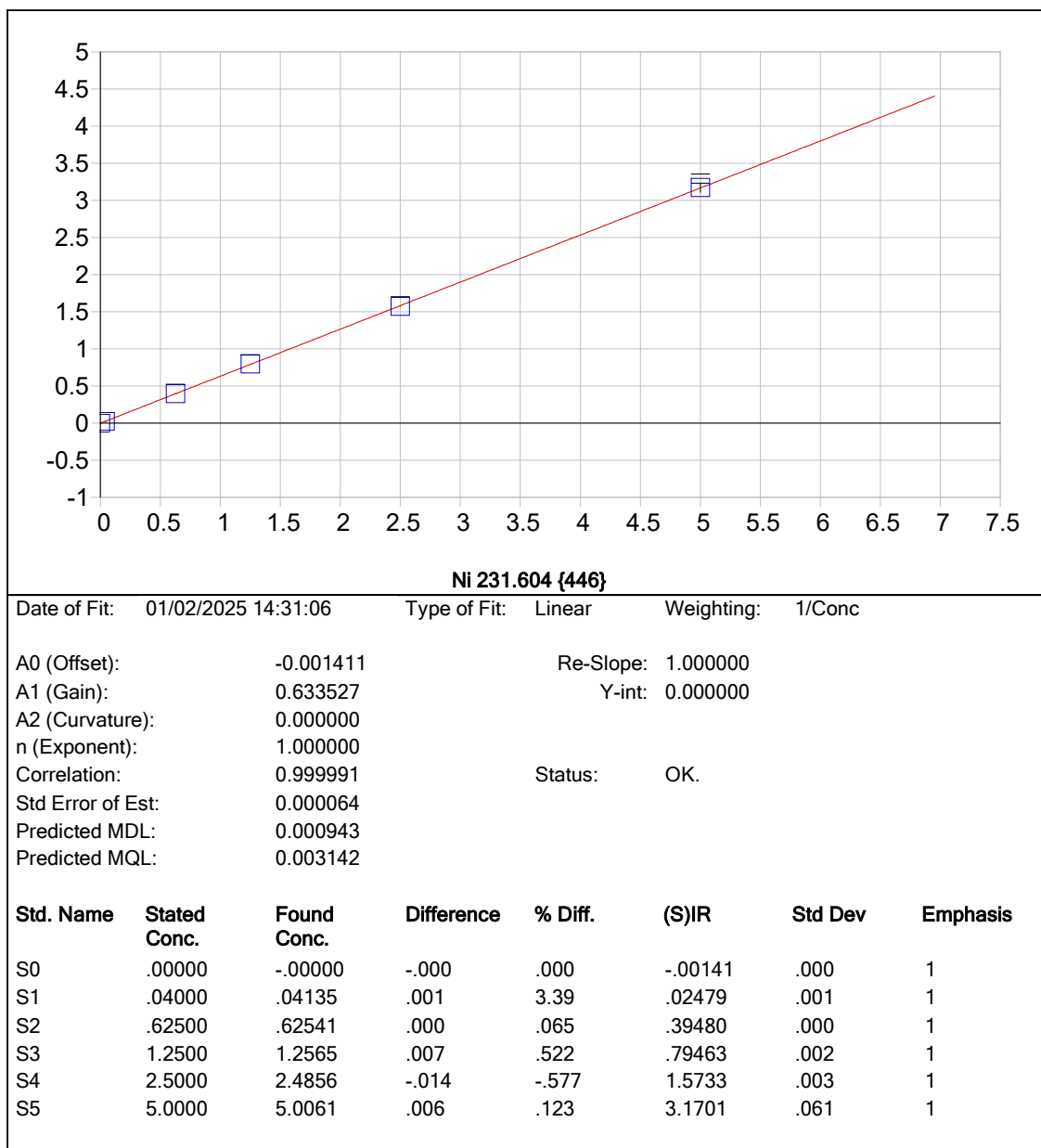
Date of Fit:	01/02/2025 14:31:06		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	-0.000349		Re-Slope:		1.000000		
A1 (Gain):	0.887172		Y-int:		0.000000		
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.999927		Status:		OK.		
Std Error of Est:	0.000285						
Predicted MDL:	0.000492						
Predicted MQL:	0.001641						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00035	.000	1
S1	.05000	.05420	.004	8.40	.04788	.000	1
S2	.62500	.64223	.017	2.76	.57121	.001	1
S3	1.2500	1.2698	.020	1.59	1.1298	.004	1
S4	2.5000	2.4824	-.018	-.703	2.2091	.002	1
S5	5.0000	4.9763	-.024	-.474	4.4288	.082	1

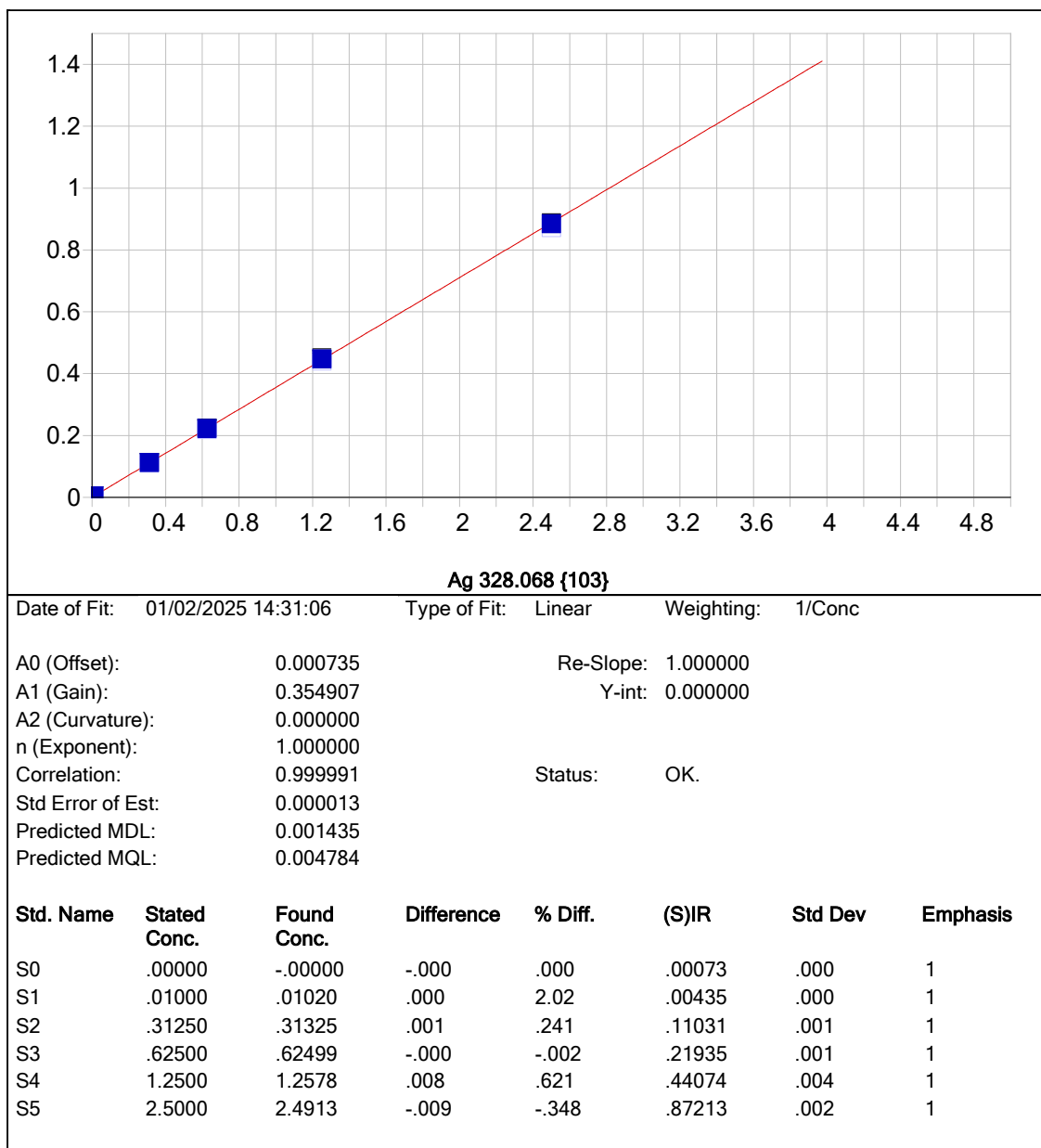


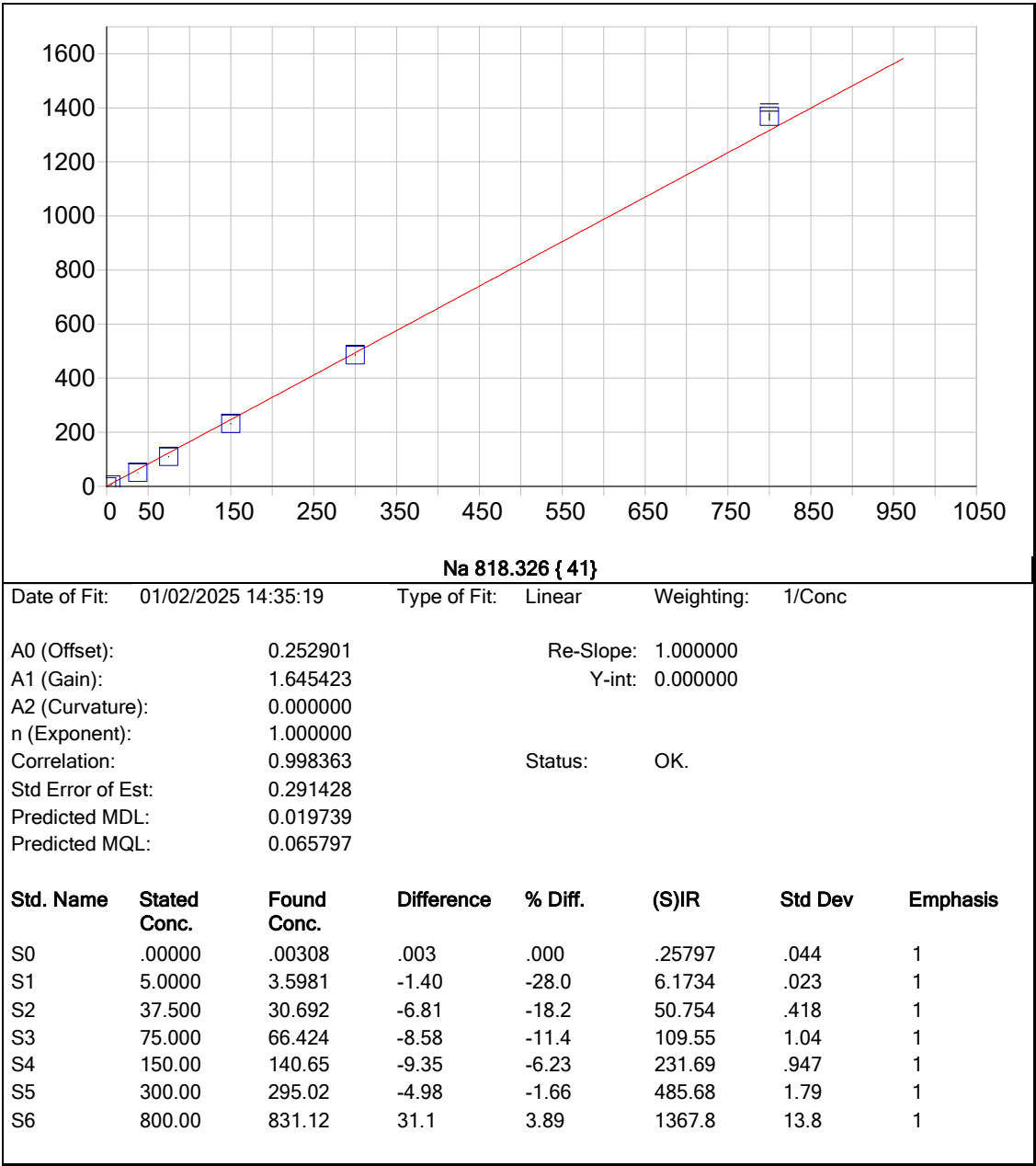


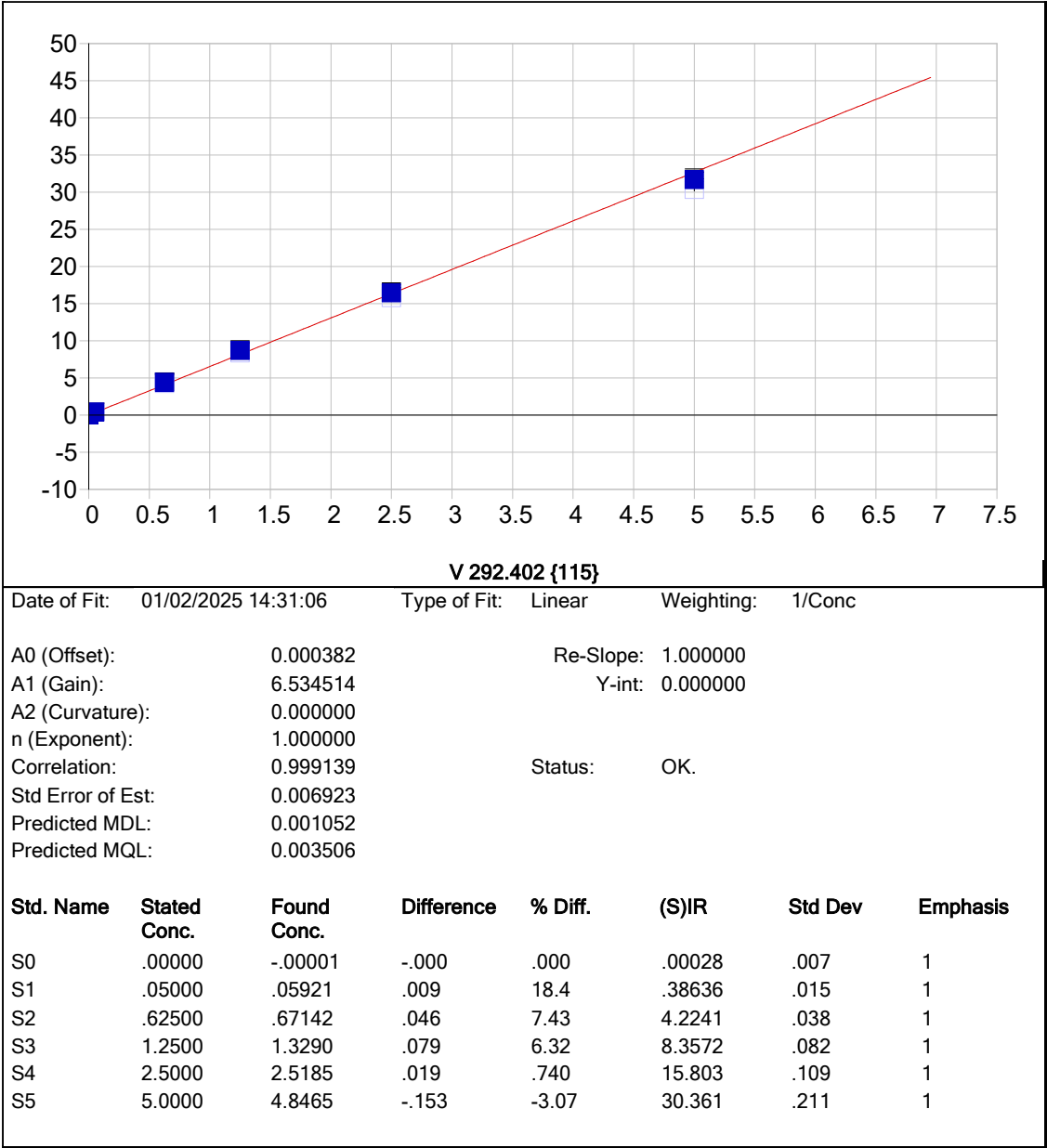


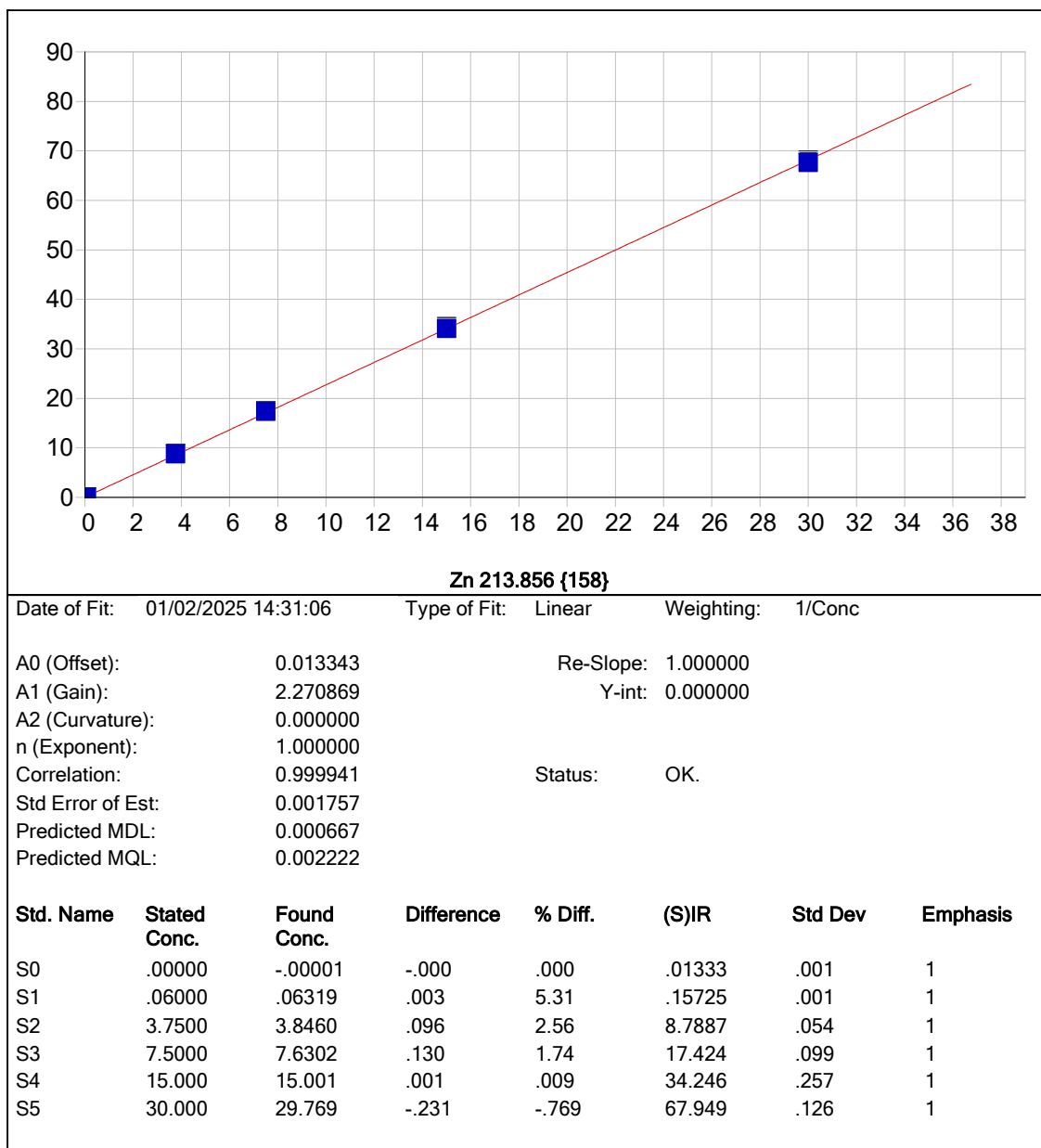


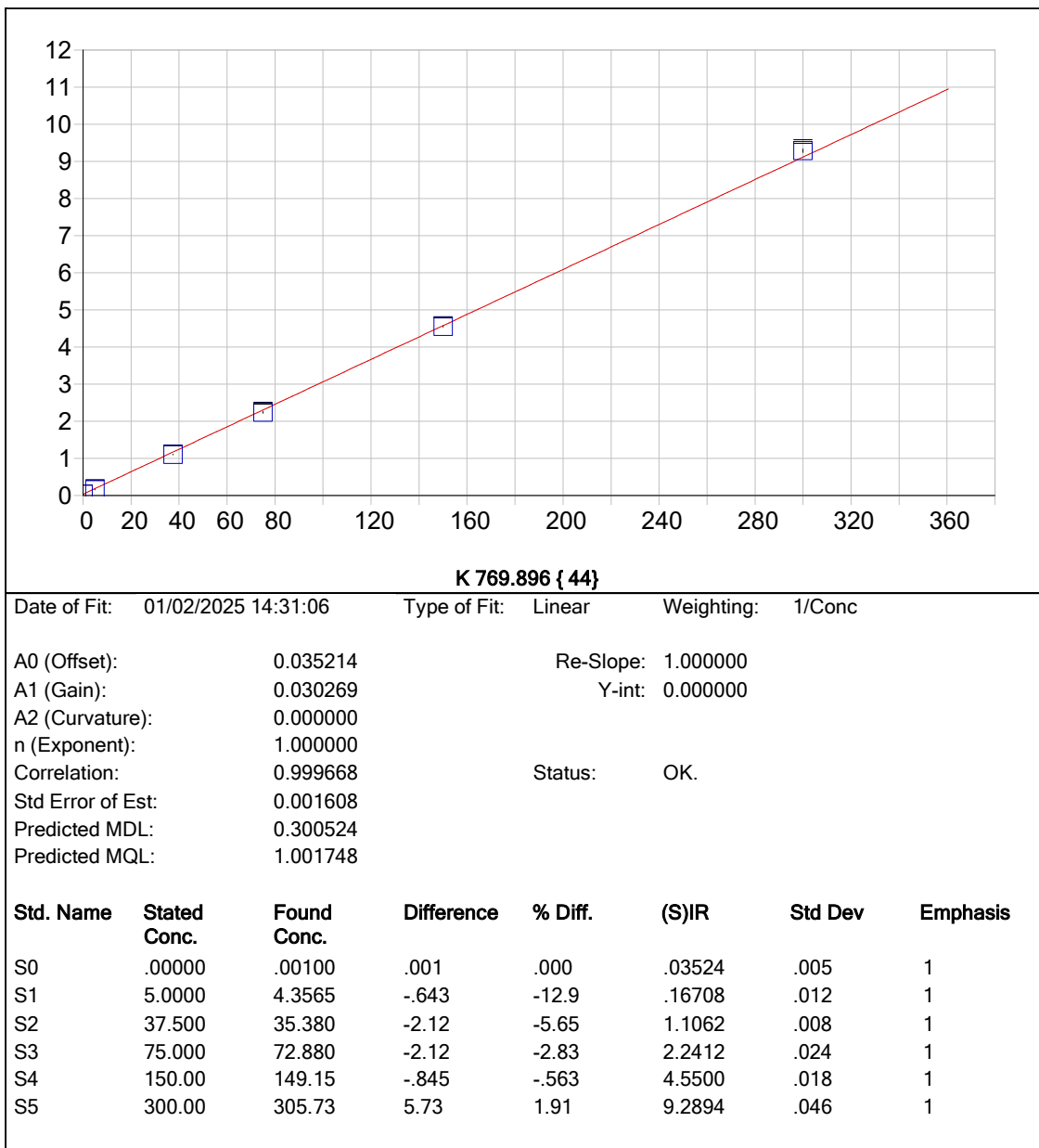


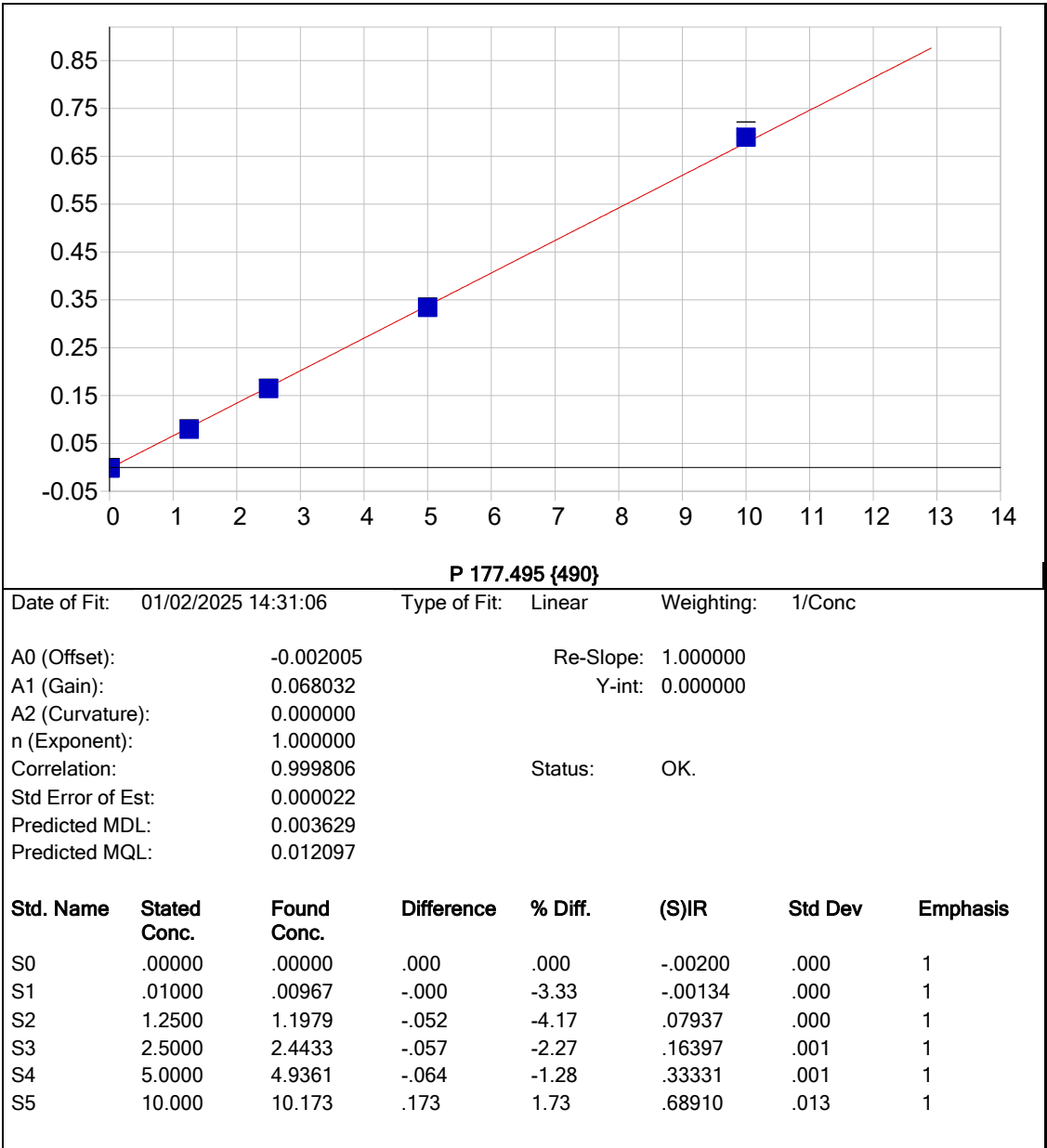




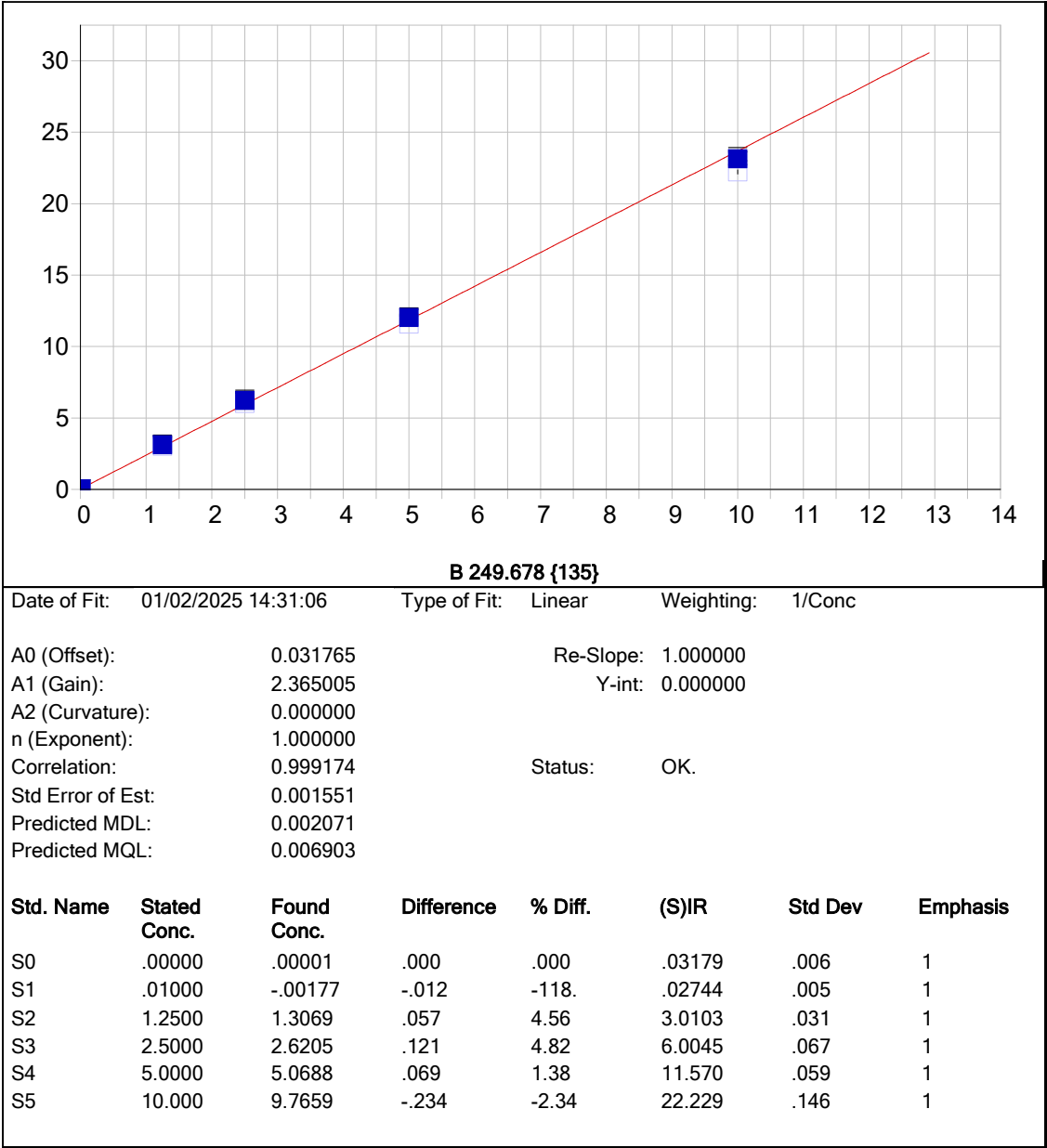


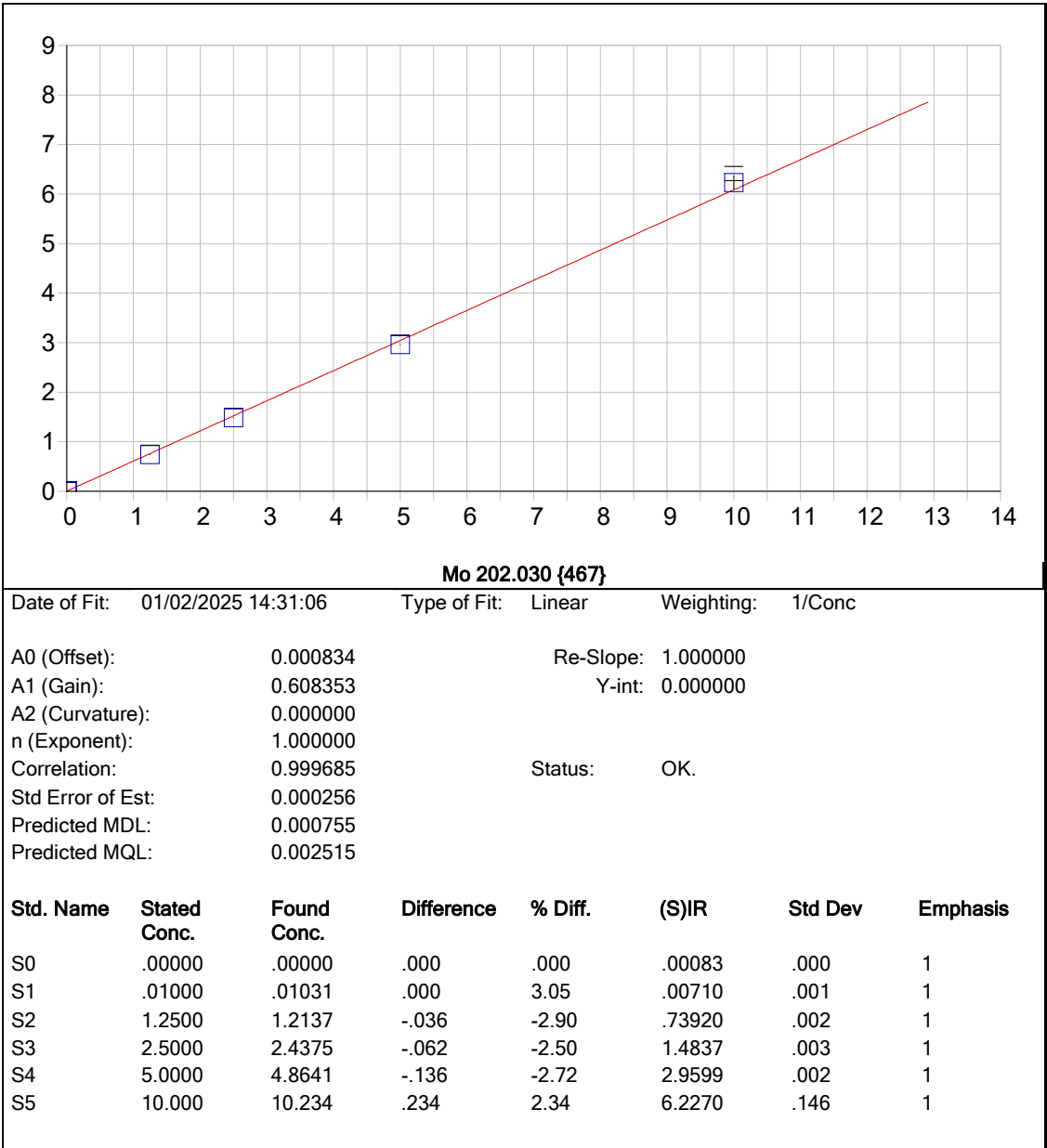


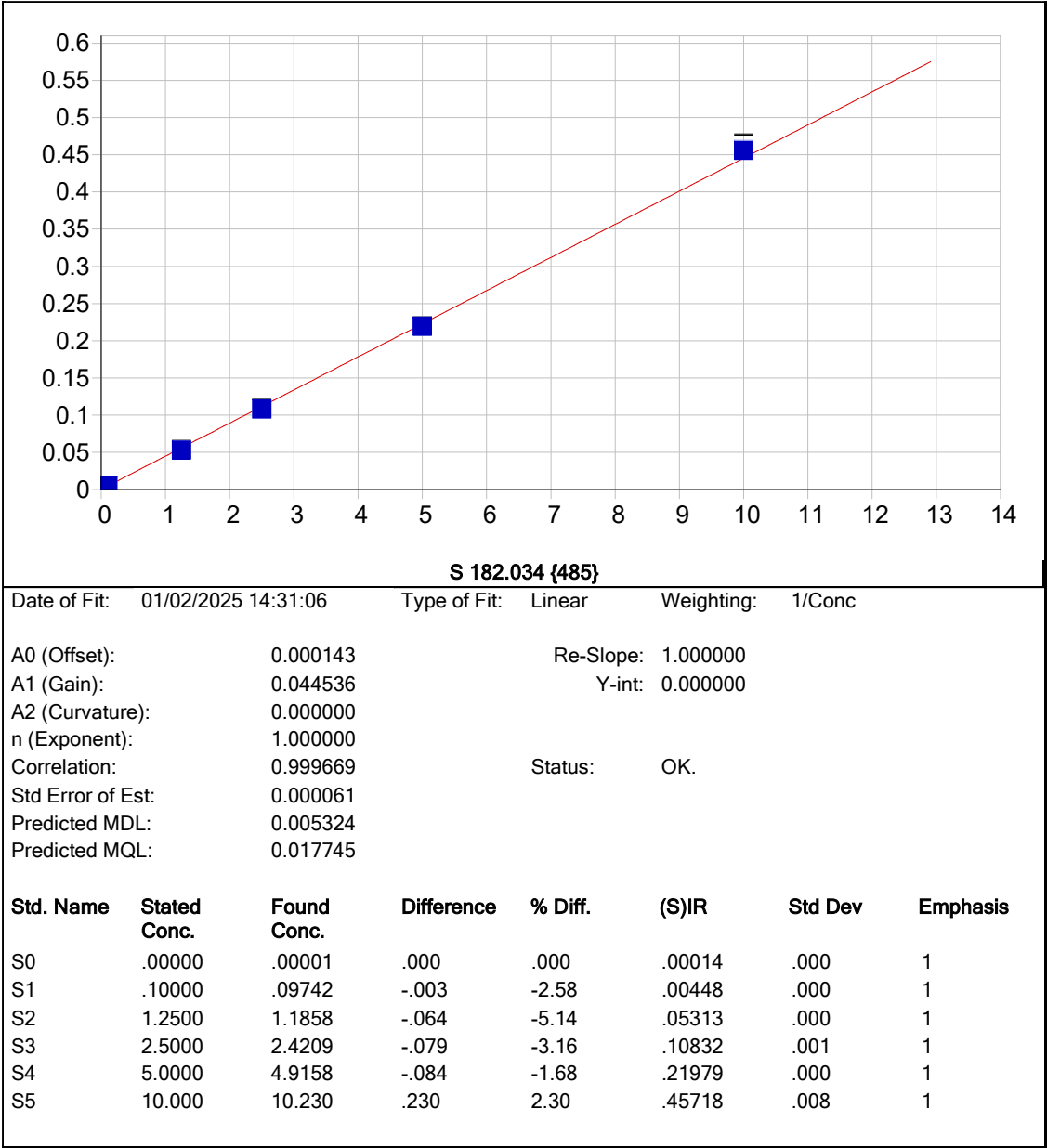


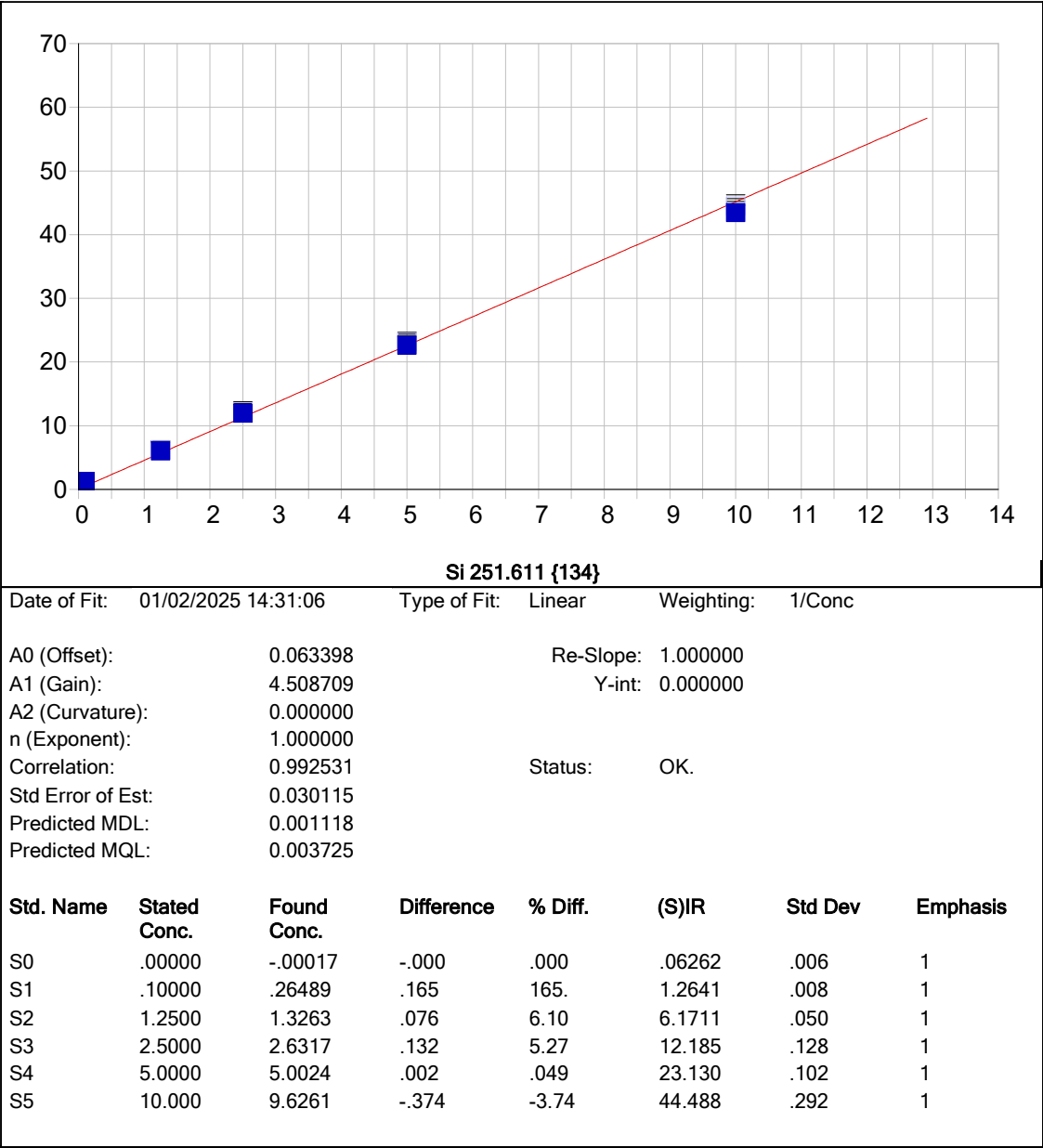


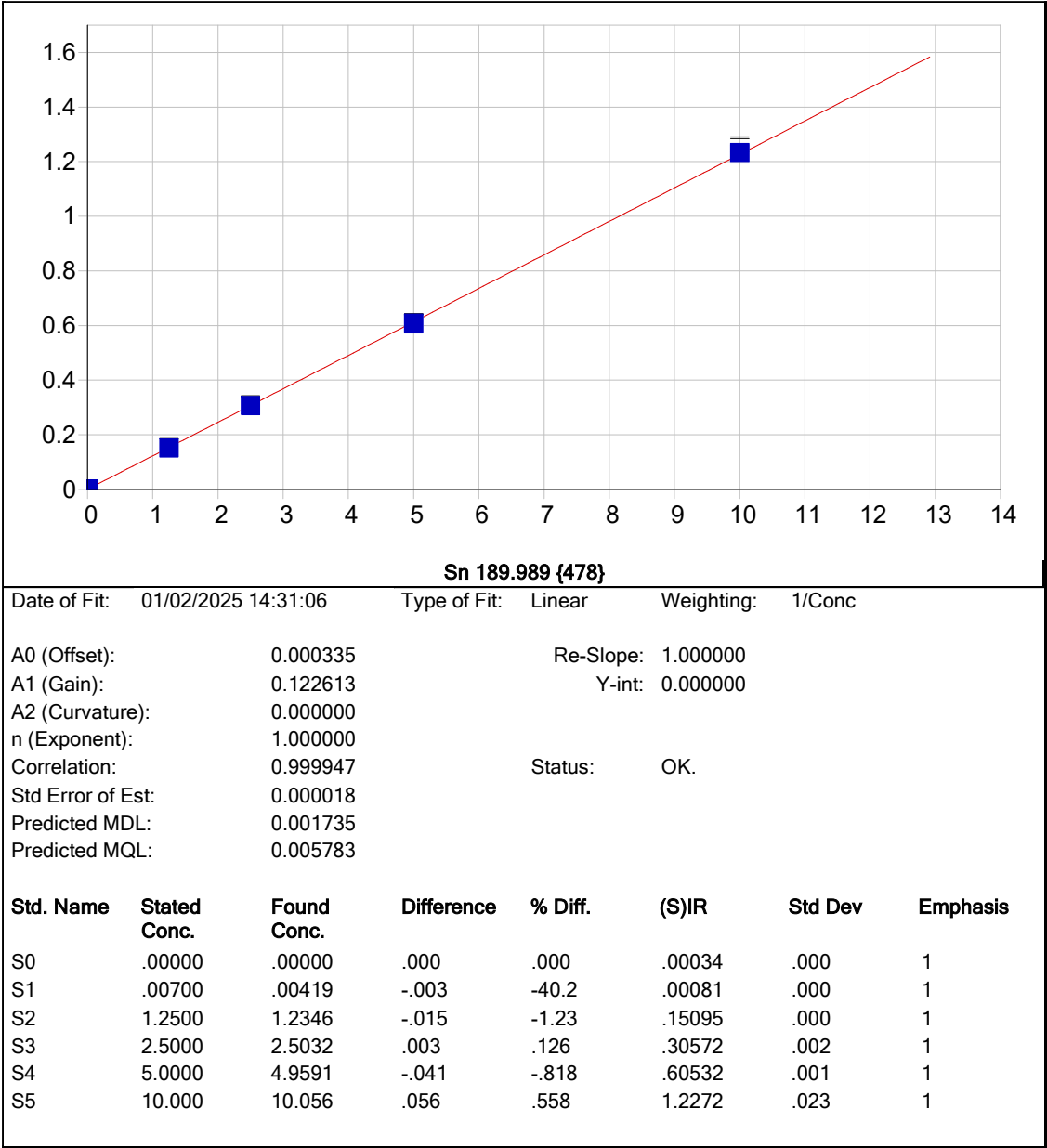
Date of Fit: 01/02/2025 14:31:06		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset): -0.002005		Re-Slope: 1.000000					
A1 (Gain): 0.068032		Y-int: 0.000000					
A2 (Curvature): 0.000000							
n (Exponent): 1.000000							
Correlation: 0.999806		Status: OK.					
Std Error of Est: 0.000022							
Predicted MDL: 0.003629							
Predicted MQL: 0.012097							
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00200	.000	1
S1	.01000	.00967	-.000	-3.33	-.00134	.000	1
S2	1.2500	1.1979	-.052	-4.17	.07937	.000	1
S3	2.5000	2.4433	-.057	-2.27	.16397	.001	1
S4	5.0000	4.9361	-.064	-1.28	.33331	.001	1
S5	10.000	10.173	.173	1.73	.68910	.013	1

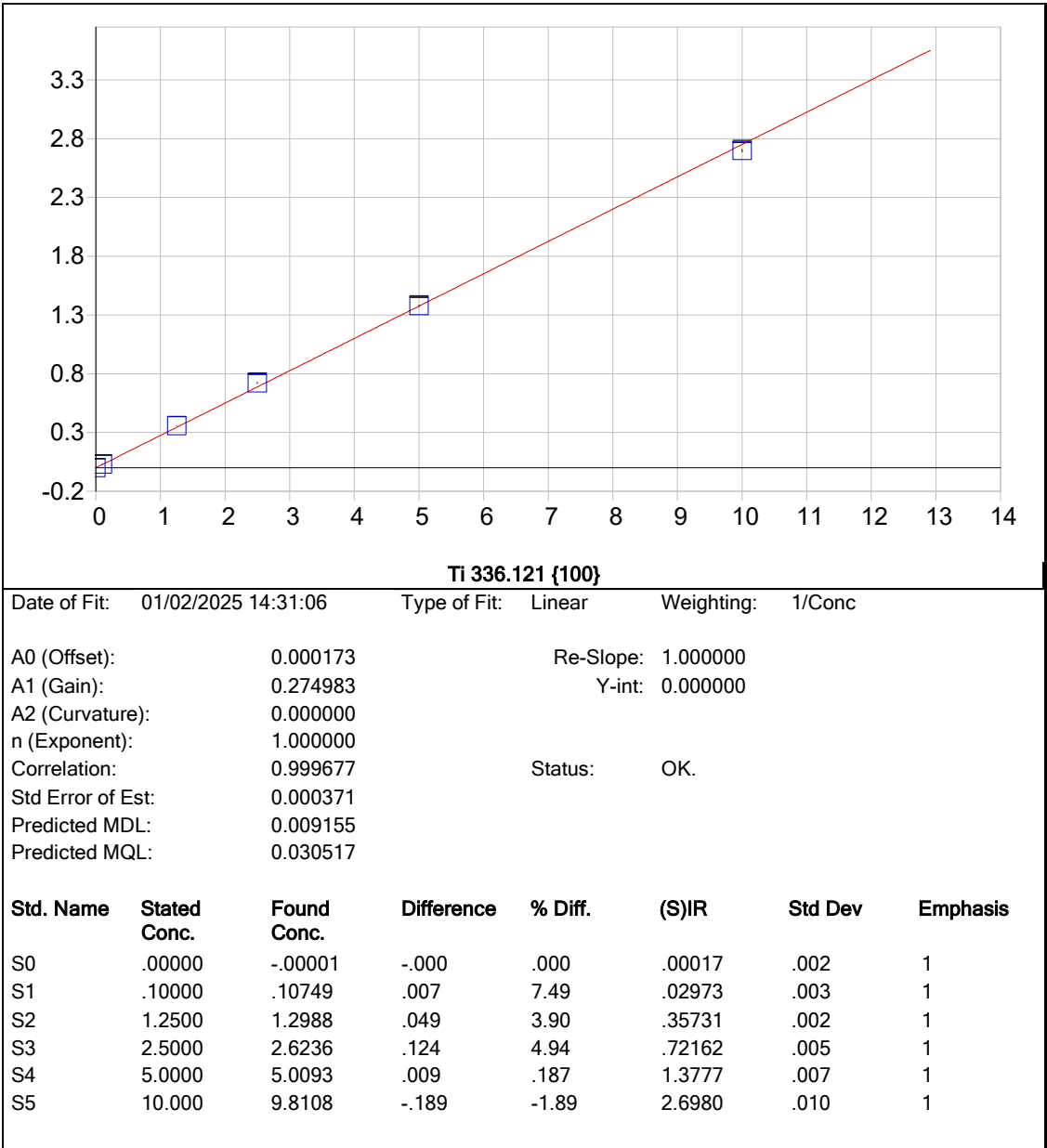


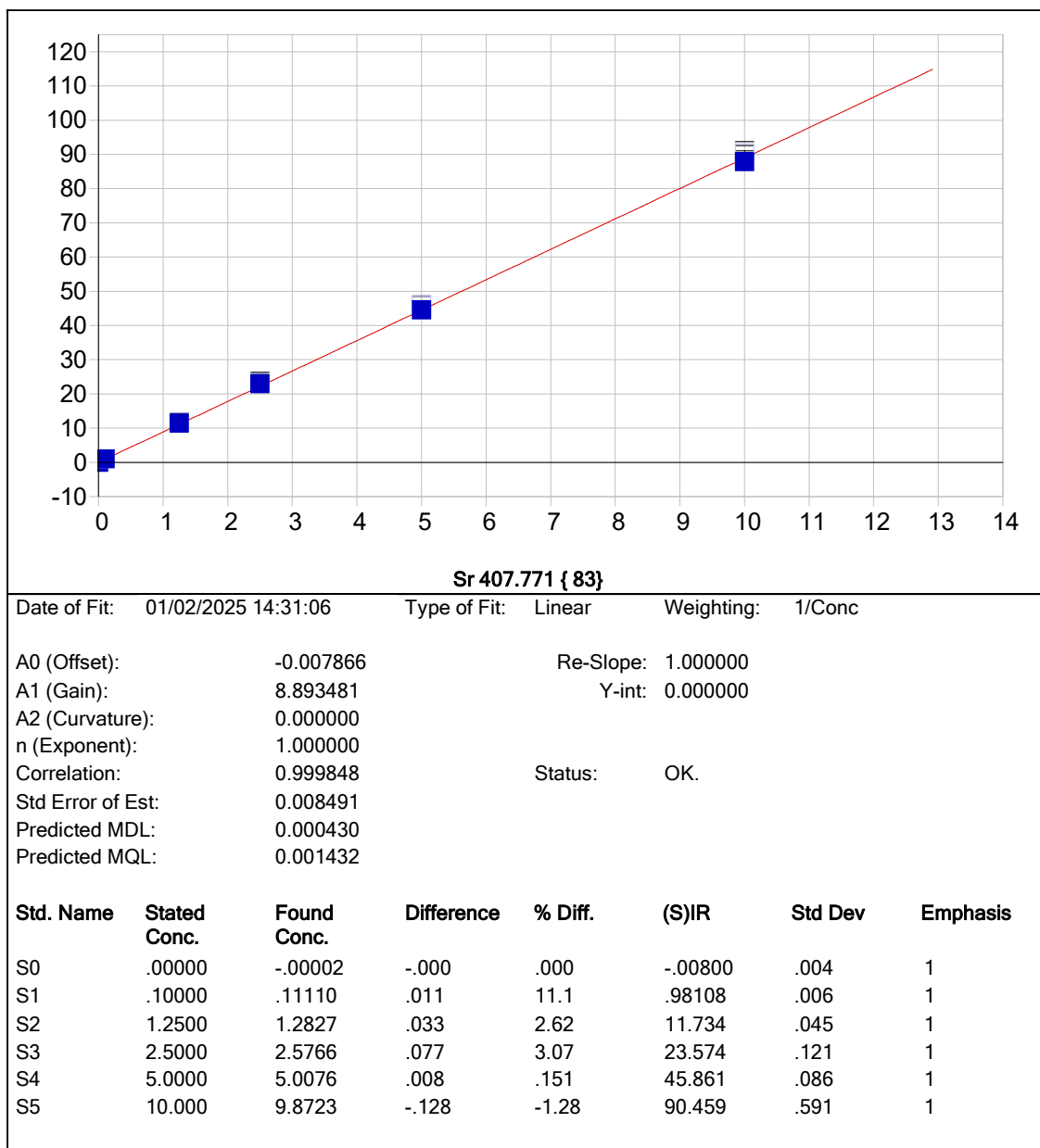


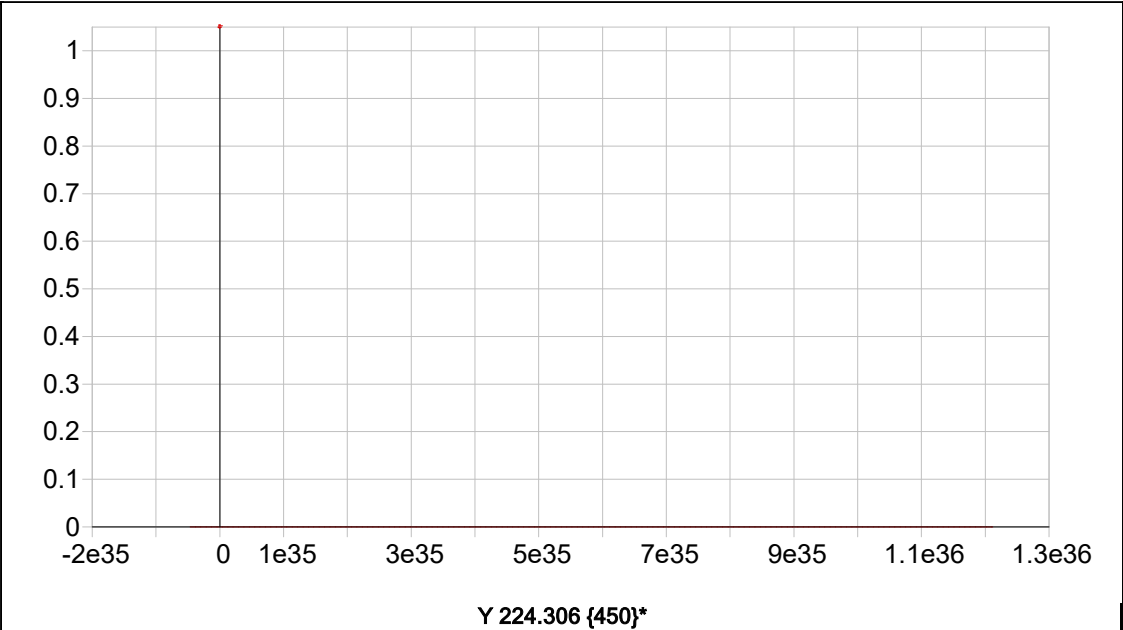






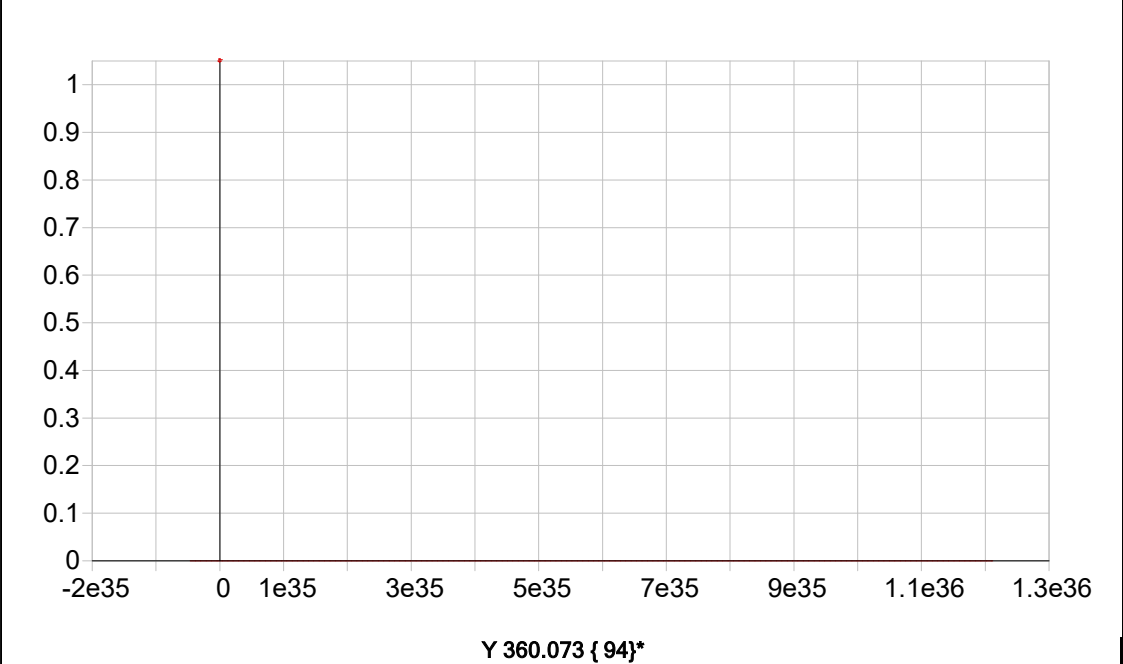




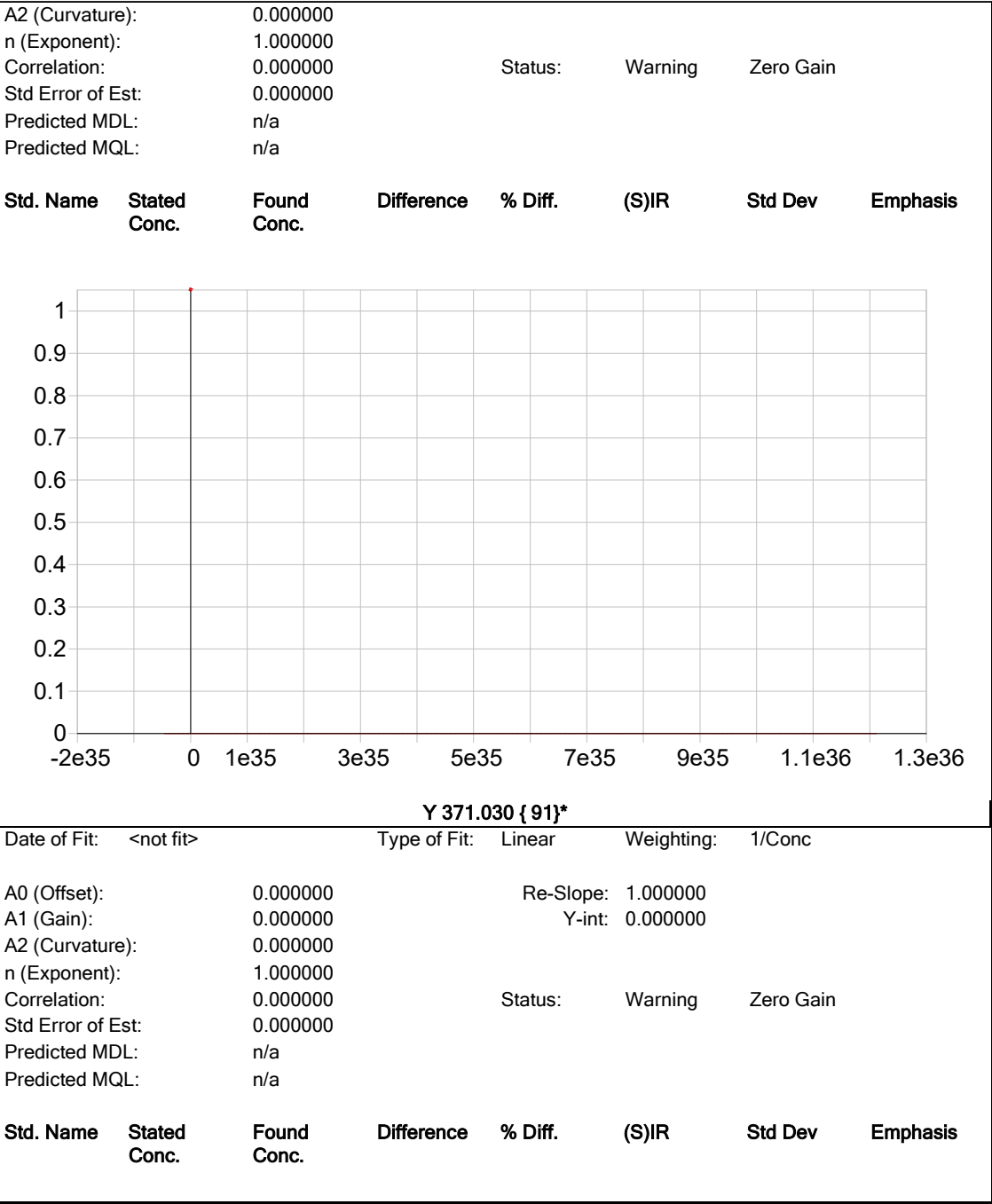


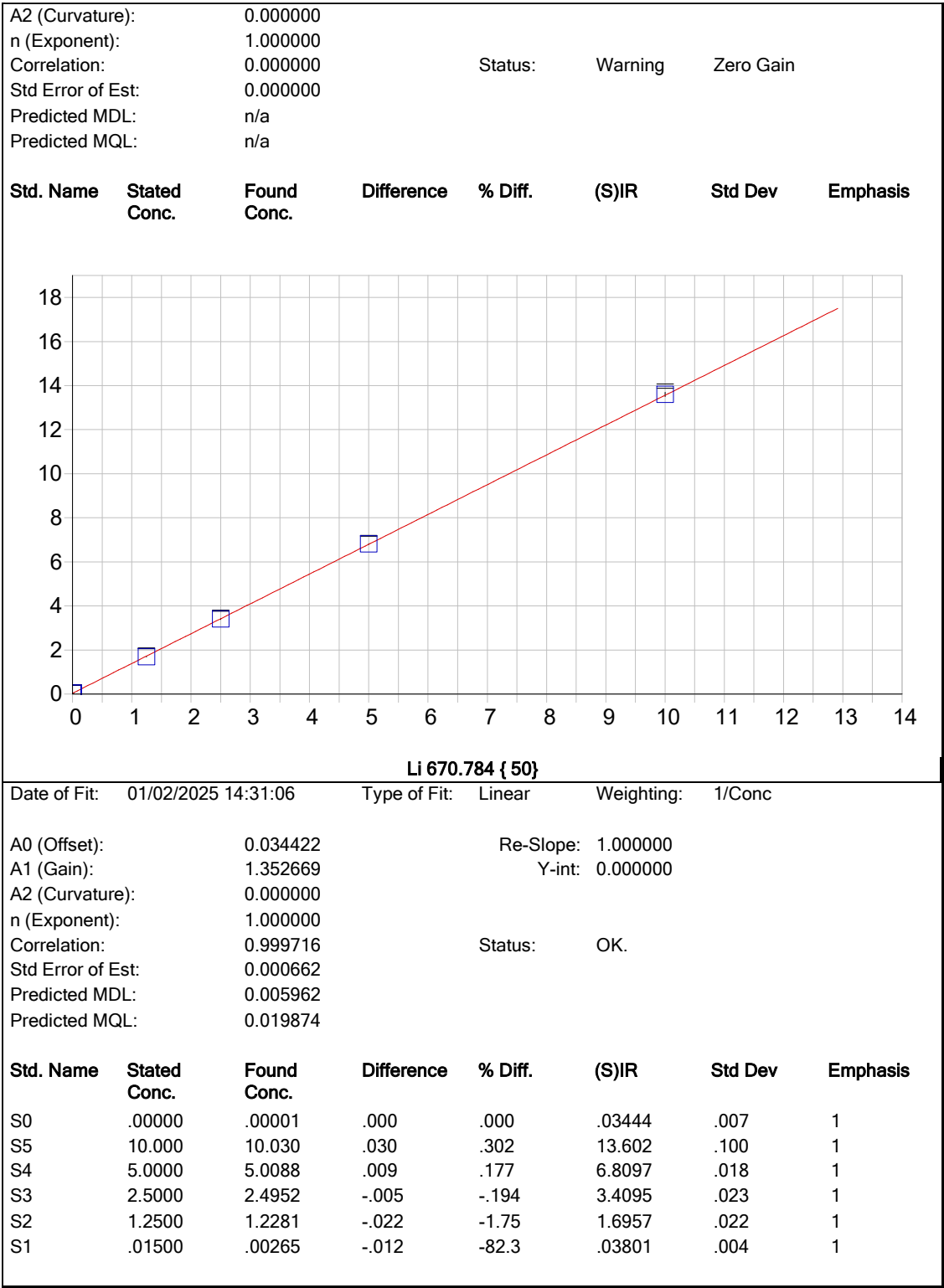
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





Sample Name: S0 Acquired: 01/02/2025 14:07:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	.34199	-.00028	.00019	-.00018	.00097	-.00069	.02664	.00586
Stddev	.27546	.00024	.00077	.00028	.00014	.00411	.01472	.00148
%RSD	80.546	88.049	403.23	160.07	14.276	597.39	55.267	25.304
#1	.17442	.00000	.00027	.00010	.00089	-.00156	.01110	.00740
#2	.65991	-.00042	.00092	-.00046	.00089	-.00429	.04038	.00444
#3	.19164	-.00041	-.00062	-.00017	.00113	.00379	.02842	.00574
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	.00052	.00970	.00008	-.00035	.31327	.00163	.00031	-.00246
Stddev	.00021	.00272	.00020	.00025	.00595	.00149	.00103	.00126
%RSD	39.870	28.027	233.96	70.568	1.8980	91.687	328.87	51.244
#1	.00053	.00773	.00021	-.00060	.31886	.00172	-.00087	-.00108
#2	.00072	.01280	.00019	-.00010	.31394	.00308	.00102	-.00355
#3	.00031	.00856	-.00014	-.00036	.30702	.00009	.00079	-.00275
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	-.00141	.00073	.25797	-.00009	.01333	.03524	-.00200	.03179
Stddev	.00019	.00040	.04353	.00535	.00127	.00491	.00017	.00555
%RSD	13.765	54.884	16.872	5644.3	9.5041	13.933	8.3121	17.469
#1	-.00151	.00036	.23791	.00603	.01460	.03561	-.00187	.02660
#2	-.00154	.00068	.30791	-.00246	.01207	.03016	-.00219	.03112
#3	-.00119	.00116	.22810	-.00386	.01333	.03996	-.00195	.03765
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	.00083	.00014	.06262	.00034	.00017	-.00800	.03444	
Stddev	.00022	.00014	.00617	.00018	.00238	.00408	.00705	
%RSD	26.689	99.308	9.8578	52.885	1410.3	50.963	20.483	
#1	.00100	.00003	.05555	.00053	-.00258	-.00430	.02649	
#2	.00092	.00009	.06536	.00029	.00161	-.01237	.03996	
#3	.00058	.00030	.06695	.00019	.00148	-.00734	.03686	

Sample Name: S0 Acquired: 01/02/2025 14:07:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1681.6	17247.	791.38	1334.2	1979.5
Stddev	1.1	41.	6.52	13.7	4.0
%RSD	.06520	.24054	.82417	1.0292	.20190
#1	1680.4	17199.	787.02	1319.4	1974.9
#2	1681.7	17275.	788.26	1346.6	1982.0
#3	1682.6	17265.	798.88	1336.7	1981.6

Sample Name: S1 Acquired: 01/02/2025 14:11:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	2.3138	.00186	.00437	.00228	.00786	.01304	.99788	.13188
Stddev	.7073	.00011	.00084	.00023	.00013	.00269	.01400	.00368
%RSD	30.570	5.7058	19.190	10.299	1.6004	20.646	1.4026	2.7879
#1	2.6102	.00189	.00385	.00245	.00796	.01199	1.0111	.13506
#2	2.8246	.00195	.00392	.00201	.00790	.01103	.99933	.13273
#3	1.5065	.00175	.00533	.00238	.00772	.01610	.98322	.12785
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	.02073	.26262	.00389	.04788	.66836	.00300	.00571	.03010
Stddev	.00031	.00550	.00028	.00029	.00329	.00100	.00067	.00091
%RSD	1.5114	2.0947	7.1326	.60082	.49240	33.252	11.819	3.0123
#1	.02038	.26806	.00404	.04797	.67190	.00365	.00493	.03024
#2	.02099	.25706	.00406	.04756	.66540	.00185	.00614	.02914
#3	.02083	.26276	.00357	.04811	.66777	.00350	.00606	.03093
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	.02479	.00435	6.1734	.48233	.15725	.16708	-.00134	.02744
Stddev	.00058	.00008	.0229	.01938	.00119	.01192	.00016	.00479
%RSD	2.3504	1.8273	.37039	4.0178	.75364	7.1335	11.557	17.453
#1	.02449	.00444	6.1997	.50371	.15843	.15344	-.00124	.02369
#2	.02546	.00430	6.1613	.46593	.15726	.17231	-.00152	.03284
#3	.02442	.00431	6.1590	.47734	.15606	.17550	-.00127	.02580
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	.00710	.00448	1.2641	.00081	.02973	.98108	.03801	
Stddev	.00055	.00019	.0079	.00017	.00285	.00609	.00439	
%RSD	7.8131	4.3116	.62329	20.379	9.6002	.62095	11.551	
#1	.00754	.00468	1.2732	.00081	.02951	.98709	.04298	
#2	.00648	.00429	1.2591	.00098	.02699	.97491	.03467	
#3	.00730	.00447	1.2600	.00065	.03269	.98123	.03639	

Sample Name: S1 Acquired: 01/02/2025 14:11:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1722.5	17593.	805.34	1361.6	2035.5
Stddev	2.6	61.	4.56	2.4	3.7
%RSD	.15339	.34724	.56600	.17783	.18076
#1	1723.7	17522.	800.29	1359.1	2034.1
#2	1724.4	17632.	809.16	1363.9	2039.7
#3	1719.5	17624.	806.57	1361.8	2032.8

Sample Name: S2 Acquired: 01/02/2025 14:15:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	253.22	.10646	2.3756	.09581	.15687	2.4044	11.477	3.0231
Stddev	.14	.00040	.0030	.00037	.00086	.0122	.025	.0258
%RSD	.05696	.37207	.12708	.38985	.54896	.50589	.21498	.85239

#1	253.06	.10649	2.3728	.09617	.15606	2.3948	11.460	2.9946
#2	253.33	.10605	2.3751	.09542	.15777	2.4003	11.505	3.0448
#3	253.26	.10684	2.3788	.09585	.15678	2.4181	11.466	3.0300

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	2.4253	3.1087	1.4279	.57121	53.814	.47969	1.1501	.39663
Stddev	.0021	.0157	.0070	.00082	.407	.00241	.0063	.00174
%RSD	.08555	.50418	.48972	.14357	.75569	.50170	.55164	.43863

#1	2.4251	3.0926	1.4268	.57128	53.356	.48053	1.1445	.39492
#2	2.4233	3.1095	1.4215	.57036	54.133	.48155	1.1570	.39839
#3	2.4275	3.1239	1.4353	.57199	53.953	.47697	1.1488	.39657

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	.39480	.11031	50.754	5.3407	8.7887	1.1062	.07937	3.0103
Stddev	.00037	.00082	.418	.0453	.0536	.0080	.00028	.0314
%RSD	.09437	.74736	.82408	.84870	.60965	.72786	.35029	1.0416

#1	.39523	.11042	50.288	5.2886	8.8368	1.0973	.07932	2.9741
#2	.39465	.10944	51.096	5.3711	8.7310	1.1131	.07912	3.0294
#3	.39453	.11108	50.878	5.3623	8.7985	1.1080	.07967	3.0273

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	.73920	.05313	6.1711	.15095	.35731	11.734	1.6957	
Stddev	.00213	.00041	.0495	.00031	.00178	.045	.0216	
%RSD	.28867	.76976	.80222	.20308	.49935	.38765	1.2728	

#1	.74000	.05269	6.1173	.15075	.35855	11.681	1.6708	
#2	.73678	.05322	6.2148	.15080	.35527	11.759	1.7095	
#3	.74081	.05349	6.1811	.15130	.35812	11.761	1.7067	

Sample Name: S2 Acquired: 01/02/2025 14:15:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1633.1	16803.	791.52	1290.8	1871.1
Stddev	1.1	13.	7.06	4.4	.8
%RSD	.06758	.07761	.89238	.34016	.04301
#1	1633.6	16811.	797.79	1285.7	1872.0
#2	1633.8	16809.	783.87	1293.7	1870.9
#3	1631.8	16788.	792.91	1292.9	1870.5

Sample Name: S3 Acquired: 01/02/2025 14:19:32 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	501.52	.21179	4.7588	.19357	.31511	4.8467	23.095	6.0523
Stddev	3.35	.00062	.0211	.00113	.00119	.0458	.109	.0686
%RSD	.66792	.29433	.44293	.58376	.37800	.94542	.47377	1.1331

#1	504.01	.21248	4.7792	.19431	.31552	4.8953	23.142	6.0731
#2	497.71	.21127	4.7603	.19414	.31377	4.8043	23.173	6.1080
#3	502.83	.21162	4.7371	.19227	.31605	4.8404	22.970	5.9757

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	4.8416	6.2562	2.8023	1.1298	106.51	.95495	2.2905	.79893
Stddev	.0243	.0232	.0075	.0036	.98	.00440	.0193	.00361
%RSD	.50269	.37009	.26881	.31804	.92057	.46092	.84219	.45204

#1	4.8613	6.2793	2.8109	1.1333	106.71	.95982	2.3127	.80271
#2	4.8492	6.2563	2.7968	1.1300	107.37	.95376	2.2816	.79857
#3	4.8144	6.2330	2.7992	1.1261	105.44	.95127	2.2773	.79552

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	.79463	.21935	109.55	10.600	17.424	2.2412	.16397	6.0045
Stddev	.00225	.00065	1.04	.096	.099	.0244	.00082	.0674
%RSD	.28265	.29820	.95001	.90815	.56958	1.0879	.49790	1.1231

#1	.79609	.22003	109.91	10.631	17.395	2.2489	.16386	6.0318
#2	.79575	.21872	110.36	10.677	17.534	2.2609	.16484	6.0540
#3	.79204	.21931	108.38	10.492	17.342	2.2139	.16321	5.9277

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	1.4837	.10832	12.185	.30572	.72162	23.574	3.4095	
Stddev	.0033	.00051	.128	.00182	.00527	.121	.0227	
%RSD	.22533	.46964	1.0526	.59382	.73082	.51411	.66726	

#1	1.4875	.10851	12.246	.30710	.72746	23.677	3.4322	
#2	1.4824	.10871	12.271	.30640	.71720	23.605	3.4098	
#3	1.4812	.10774	12.037	.30366	.72020	23.441	3.3867	

Sample Name: S3 Acquired: 01/02/2025 14:19:32 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1602.3	16731.	785.55	1266.9	1813.3
Stddev	.4	119.	6.94	3.8	3.2
%RSD	.02309	.71311	.88369	.29734	.17512
#1	1602.5	16612.	779.89	1263.9	1810.8
#2	1602.5	16850.	783.46	1265.8	1812.2
#3	1601.9	16730.	793.29	1271.2	1816.9

Sample Name: S4 Acquired: 01/02/2025 14:23:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	963.58	.41612	9.5847	.38484	.63267	9.3997	45.345	11.662
Stddev	2.84	.00190	.0171	.00041	.00031	.0611	.104	.075
%RSD	.29425	.45730	.17802	.10656	.04834	.64965	.22948	.63892

#1	966.78	.41743	9.5954	.38524	.63234	9.3296	45.406	11.747
#2	961.36	.41699	9.5937	.38485	.63294	9.4278	45.225	11.624
#3	962.61	.41394	9.5650	.38442	.63273	9.4415	45.403	11.613

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	9.5332	12.052	5.5064	2.2091	204.19	1.8136	4.3669	1.5294
Stddev	.0100	.018	.0424	.0020	.87	.0040	.0174	.0024
%RSD	.10493	.15136	.76976	.09249	.42832	.22227	.39929	.15776

#1	9.5354	12.065	5.5411	2.2070	205.10	1.8155	4.3523	1.5266
#2	9.5419	12.031	5.5189	2.2094	203.36	1.8089	4.3622	1.5309
#3	9.5223	12.060	5.4591	2.2111	204.10	1.8163	4.3862	1.5306

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	1.5733	.44074	231.69	19.890	34.246	4.5500	.33331	11.570
Stddev	.0030	.00352	.95	.157	.257	.0177	.00067	.059
%RSD	.19353	.79843	.40859	.78962	.75052	.39014	.20038	.50589

#1	1.5764	.44283	231.66	19.835	34.343	4.5445	.33400	11.612
#2	1.5704	.44271	230.76	19.768	33.954	4.5357	.33328	11.503
#3	1.5730	.43667	232.65	20.067	34.440	4.5699	.33266	11.594

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	2.9599	.21979	23.130	.60532	1.3777	45.861	6.8097
Stddev	.0023	.00008	.102	.00097	.0068	.086	.0176
%RSD	.07639	.03507	.44159	.16097	.49390	.18752	.25854

#1	2.9598	.21982	23.214	.60581	1.3806	45.762	6.8144
#2	2.9622	.21985	23.016	.60594	1.3699	45.915	6.7902
#3	2.9577	.21970	23.159	.60419	1.3825	45.906	6.8245

Sample Name: S4 Acquired: 01/02/2025 14:23:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1512.3	16040.	777.11	1196.0	1713.5
Stddev	4.8	99.	.99	4.1	5.1
%RSD	.31620	.61965	.12755	.34550	.29541
#1	1516.4	15987.	776.13	1193.9	1716.4
#2	1507.1	15978.	778.11	1200.7	1707.6
#3	1513.4	16155.	777.07	1193.3	1716.4

Sample Name: S5 Acquired: 01/02/2025 14:27:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1871.6	.82621	19.571	.79169	1.3427	18.873	89.254	22.782
Stddev	8.0	.01514	.366	.01821	.0306	.092	.568	.112
%RSD	.42767	1.8329	1.8678	2.3007	2.2817	.48657	.63654	.49198

#1	1870.5	.80872	19.149	.77067	1.3074	18.851	88.697	22.903
#2	1880.1	.83485	19.793	.80165	1.3613	18.975	89.833	22.759
#3	1864.2	.83505	19.772	.80276	1.3595	18.795	89.233	22.683

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	19.079	23.320	10.589	4.4288	392.29	3.5462	8.4296	2.9854
Stddev	.352	.131	.011	.0816	1.41	.0260	.0566	.0228
%RSD	1.8433	.56096	.10348	1.8423	.35973	.73351	.67195	.76368

#1	18.673	23.232	10.581	4.3347	391.05	3.5285	8.4373	2.9768
#2	19.294	23.470	10.584	4.4798	391.99	3.5761	8.4820	3.0113
#3	19.269	23.258	10.601	4.4719	393.83	3.5340	8.3695	2.9683

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	3.1701	.87213	485.68	37.977	67.949	9.2894	.68910	22.229
Stddev	.0606	.00196	1.79	.245	.126	.0458	.01312	.146
%RSD	1.9123	.22452	.36910	.64380	.18511	.49295	1.9045	.65492

#1	3.1001	.86987	487.22	38.245	67.809	9.2479	.67395	22.378
#2	3.2066	.87334	486.10	37.921	67.986	9.3385	.69699	22.220
#3	3.2036	.87319	483.71	37.766	68.052	9.2816	.69636	22.088

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	6.2270	.45718	44.488	1.2272	2.6980	90.459	13.602	
Stddev	.1457	.00849	.292	.0234	.0099	.591	.100	
%RSD	2.3399	1.8574	.65579	1.9089	.36592	.65315	.73788	

#1	6.0589	.44738	44.786	1.2001	2.6945	89.986	13.505	
#2	6.3169	.46231	44.475	1.2405	2.7091	91.121	13.706	
#3	6.3052	.46185	44.203	1.2409	2.6903	90.270	13.595	

Sample Name: S5 Acquired: 01/02/2025 14:27:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	1387.7	15985.	780.77	1121.8	1614.4
Stddev	31.6	56.	2.93	3.0	30.2
%RSD	2.2772	.35278	.37574	.26433	1.8732
#1	1424.0	16035.	777.56	1125.0	1649.1
#2	1372.9	15995.	781.45	1121.3	1600.7
#3	1366.2	15924.	783.30	1119.1	1593.5

Sample Name: S6 Acquired: 01/02/2025 14:31:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) 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	52.635	38.395	9.5695	4.9714	1367.8
Stddev	.207	.017	.0269	.0137	13.8
%RSD	.39266	.04354	.28126	.27469	1.0068
#1	52.872	38.400	9.5968	4.9849	1382.5
#2	52.490	38.409	9.5686	4.9717	1365.6
#3	52.543	38.377	9.5430	4.9576	1355.3
Int. Std.	Y_3710				
Units	Cts/S				
Avg	756.10				
Stddev	3.79				
%RSD	.50104				
#1	752.88				
#2	755.15				
#3	760.27				

Sample Name: ICV007 Acquired: 01/02/2025 14:58:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.067848	1.016511	.9892466	.9973911	1.027788	2.366696
Stddev	.004696	.000394	.0029128	.0060908	.000280	.069070
%RSD	.4397943	.0387133	.2944481	.6106720	.0272241	2.918398

#1	1.063628	1.016118	.9861538	.9933896	1.027654	2.361515
#2	1.067009	1.016905	.9919378	.9943830	1.028110	2.300363
#3	1.072907	1.016509	.9896483	1.004401	1.027600	2.438211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5325256	.5437108	.5121265	10.44248	.5666764	.5103494
Stddev	.0015572	.0052203	.0008749	.06117	.0009908	.0017930
%RSD	.2924168	.9601236	.1708355	.5858235	.1748370	.3513299

#1	.5325989	.5377911	.5111935	10.47261	.5660619	.5087893
#2	.5340449	.5476551	.5122575	10.48274	.5678193	.5099508
#3	.5309331	.5456862	.5129285	10.37208	.5661478	.5123082

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5319906	10.72711	.5482377	6.222497	.5196213	.2538817
Stddev	.0018857	.15600	.0059048	.123815	.0015066	.0018844
%RSD	.3544577	1.454241	1.077057	1.989789	.2899405	.7422297

#1	.5300397	10.62993	.5454898	6.128146	.5180948	.2525706
#2	.5338035	10.64436	.5550157	6.176648	.5196619	.2560411
#3	.5321285	10.90705	.5442075	6.362696	.5211072	.2530333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05008	.4607932	1.007548	10.80885	F .0054743	F .0029043
Stddev	.03308	.0018208	.005308	.15647	.0030143	.0040711
%RSD	.3291370	.3951393	.5268636	1.447604	55.06281	140.1780

#1	10.01734	.4592210	1.006499	10.98952	.0072791	.0045625
#2	10.04940	.4627882	1.013302	10.71713	.0019945	-.001734
#3	10.08349	.4603705	1.002841	10.71990	.0071492	.005885

Sample Name: ICV007 Acquired: 01/02/2025 14:58:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0008948	F .0122109	F .0003174	F .0036226	F .0036802	F -.009613
Stddev	.0005720	.0068886	.0009235	.0005689	.0087172	.000163
%RSD	63.92356	56.41346	290.9860	15.70468	236.8663	1.697759
#1	.0011356	.0081899	.0005264	.0033515	.0062117	-.009639
#2	.0002418	.0201650	.0011185	.0032400	.0108515	-.009438
#3	.0013071	.0082778	-.000693	.0042764	-.006023	-.009762
Elem	Li6707					
Units	ppm					
Avg	F .0090051					
Stddev	.0077654					
%RSD	86.23334					
#1	.0147758					
#2	.0001762					
#3	.0120633					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1679.192	17034.21	780.4242	1341.793	1976.381	
Stddev	5.989	68.99	5.7605	9.216	3.650	
%RSD	.3566687	.4050118	.7381184	.6868273	.1846871	
#1	1672.328	17036.99	786.1725	1344.610	1973.099	
#2	1683.358	16963.88	774.6517	1331.497	1980.312	
#3	1681.890	17101.77	780.4483	1349.271	1975.731	

Sample Name: ICB007 Acquired: 01/02/2025 15:28:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004632	-.000051	-.000217	-.000685	-.002275	.0344323	-.000656
Stddev	.001762	.001785	.001877	.001423	.005124	.0450329	.000834
%RSD	38.04872	3511.132	863.9657	207.6340	225.1924	130.7868	127.0954

#1	-.002719	.001200	-.001585	-.000991	-.000027	.0059555	-.001618
#2	-.006189	.000742	-.000990	.000866	-.008139	.0109910	-.000133
#3	-.004988	-.002095	.001923	-.001930	.001340	.0863505	-.000217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000725	.0000372	.1101527	-.000044	-.000649	-.002134	.0415198
Stddev	.0002528	.0000361	.0309166	.000254	.000231	.000613	.0366448
%RSD	348.6682	96.95645	28.06705	579.4838	35.66879	28.74367	88.25855

#1	.0002554	.0000547	.0746658	.000139	-.000916	-.002797	.0490238
#2	.0001781	-.000004	.1245278	-.000334	-.000529	-.002021	.0738317
#3	-.000216	.000061	.1312645	.000063	-.000502	-.001586	.0017039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076405	-.211852	.0002456	.0006057	-.010943	-.000667	-.003042
Stddev	.0011865	.161176	.0007375	.0008231	.008213	.000677	.000814
%RSD	15.52856	76.07978	300.3015	135.8936	75.05008	101.4432	26.76248

#1	.0087837	-.156928	-.000603	.0013743	-.020419	-.001439	-.003352
#2	.0064151	-.085316	.000733	-.000263	-.006510	-.000174	-.002118
#3	.0077226	-.393312	.000607	.000706	-.005899	-.000389	-.003655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.366517	.0023307	-.006831	-.000132	-.004276	-.002563	-.002867
Stddev	.093012	.0004601	.002670	.000638	.004958	.000887	.000713
%RSD	25.37729	19.74220	39.08934	482.7958	115.9418	34.61705	24.85699

#1	-.441023	.0018128	-.009886	.000596	.001126	-.002191	-.003343
#2	-.262272	.0024868	-.004941	-.000399	-.008618	-.001923	-.003210
#3	-.396255	.0026924	-.005666	-.000594	-.005337	-.003576	-.002048

Sample Name: ICB007 Acquired: 01/02/2025 15:28:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.006598	.0004026	-.007093
Stddev	.007881	.0000936	.001370
%RSD	119.4357	23.24400	19.31040
#1	-.008830	.0004480	-.008553
#2	-.013123	.0004649	-.006890
#3	.002157	.0002950	-.005837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1661.688	16945.71	764.4753	1308.451	1959.295
Stddev	8.248	88.16	5.8932	8.418	10.640
%RSD	.4963498	.5202641	.7708815	.6433356	.5430573
#1	1654.726	16998.06	759.2183	1317.026	1953.859
#2	1670.797	16843.92	770.8458	1300.200	1971.556
#3	1659.542	16995.15	763.3617	1308.127	1952.472

Sample Name: ICSA007 Acquired: 01/02/2025 15:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091271	.0096030	.0031429	.0184897	.0094758	232.7766
Stddev	.0015455	.0034992	.0004962	.0034565	.0049925	2.2671
%RSD	16.93297	36.43904	15.78832	18.69429	52.68654	.9739214

#1	.0098076	.0127302	.0037152	.0203917	.0072398	235.3730
#2	.0102157	.0102553	.0028815	.0144999	.0151954	231.1889
#3	.0073582	.0058235	.0028321	.0205776	.0059921	231.7679

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069539	.0029129	.0021667	243.2667	.0521295	.0491956
Stddev	.0007761	.0002605	.0003224	2.1492	.0000301	.0001742
%RSD	11.16122	8.942255	14.88099	.8834741	.0577013	.3540171

#1	.0074064	.0031742	.0019167	245.7473	.0520983	.0493119
#2	.0060577	.0029114	.0020528	241.9612	.0521320	.0489954
#3	.0073976	.0026532	.0025306	242.0918	.0521583	.0492795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016416	100.8948	.0050509	257.3366	.0037924	-.003430
Stddev	.000570	.9475	.0044563	2.7497	.0010411	.001799
%RSD	3.470267	.9391424	88.22785	1.068537	27.45328	52.44301

#1	-.016549	101.8466	.0007674	260.4359	.0036710	-.003696
#2	-.015792	99.9515	.0047234	255.1894	.0048889	-.005082
#3	-.016908	100.8864	.0096618	256.3846	.0028172	-.001513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321922	.0053887	-.032976	-.568182	.0048076	F .0294362
Stddev	.0169515	.0009930	.000444	.205638	.0033111	.0010701
%RSD	7.300632	18.42666	1.345889	36.19224	68.87172	3.635308

#1	.2385179	.0045973	-.033473	-.804294	.0017205	.0289087
#2	.2450712	.0065028	-.032834	-.428320	.0043978	.0306677
#3	.2129874	.0050659	-.032620	-.471933	.0083044	.0287323

Sample Name: ICSA007 Acquired: 01/02/2025 15:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062924	.0264301	-.004270	F .0121870	.0024093	.0054021
Stddev	.0005809	.0044548	.000810	.0014328	.0044602	.0009405
%RSD	9.231440	16.85514	18.96404	11.75679	185.1225	17.41054
#1	.0057571	.0293861	-.004965	.0105341	.0075299	.0044736
#2	.0069100	.0213063	-.003381	.0130741	.0003268	.0063542
#3	.0062100	.0285979	-.004464	.0129530	-.000629	.0053784

Elem	Li6707
Units	ppm
Avg	.0042855
Stddev	.0030908
%RSD	72.12151
#1	.0007368
#2	.0063884
#3	.0057313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.756	16319.24	783.2479	1271.822	1780.294
Stddev	2.247	119.21	3.9325	9.631	.904
%RSD	.1392457	.7304964	.5020809	.7572257	.0507787
#1	1612.355	16353.24	779.2597	1270.796	1781.337
#2	1612.565	16417.76	783.3616	1281.924	1779.727
#3	1616.348	16186.72	787.1223	1262.745	1779.818

Sample Name: ICSAB007 Acquired: 01/02/2025 15:53:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143682	.1149605	.0550744	.0708960	.5922772	219.5727
Stddev	.0023869	.0038679	.0029742	.0057769	.0092095	1.9989
%RSD	2.087028	3.364586	5.400380	8.148387	1.554928	.9103511
#1	.1157679	.1119421	.0525916	.0674364	.5830056	217.5094
#2	.1116122	.1136187	.0583708	.0775650	.6014233	221.5002
#3	.1157246	.1193206	.0542609	.0676865	.5924025	219.7084
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5302080	.5300331	1.058652	231.9214	.5950584	.4624724
Stddev	.0035673	.0029543	.028486	1.1807	.0008381	.0115808
%RSD	.6728118	.5573864	2.690775	.5090875	.1408494	2.504103
#1	.5265693	.5269161	1.025791	230.7054	.5956062	.4491008
#2	.5336993	.5327922	1.073841	233.0633	.5940935	.4690388
#3	.5303554	.5303908	1.076325	231.9955	.5954755	.4692777
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4849853	96.37101	.5424474	243.8862	1.048439	.2030887
Stddev	.0033363	.73767	.0058518	1.9222	.028028	.0014863
%RSD	.6879177	.7654486	1.078787	.7881630	2.673330	.7318643
#1	.4811460	95.84612	.5367763	242.5131	1.016095	.2041388
#2	.4871807	97.21443	.5484646	246.0830	1.063629	.2037392
#3	.4866291	96.05249	.5421013	243.0626	1.065594	.2013880
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2059100	.5493980	.9850458	-.855499	.0077577	F .0272579
Stddev	.0210907	.0036781	.0031304	.186733	.0018163	.0015362
%RSD	10.24268	.6694831	.3177957	21.82739	23.41350	5.635791
#1	.1914211	.5458061	.9833872	-1.02621	.0057818	.0262032
#2	.1962025	.5531567	.9830936	-.65607	.0081365	.0265502
#3	.2301065	.5492312	.9886565	-.88421	.0093547	.0290204

Sample Name: ICSAB007 Acquired: 01/02/2025 15:53:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057174	.0251254	-.002720	F .0098517	-.000778	.0046656
Stddev	.0007386	.0054923	.000712	.0020595	.007455	.0007672
%RSD	12.91782	21.85953	26.17886	20.90525	958.2831	16.44271

#1	.0048846	.0287309	-.001910	.0089489	.007367	.0037992
#2	.0059744	.0278410	-.003247	.0122084	-.007263	.0049391
#3	.0062930	.0188043	-.003003	.0083977	-.002438	.0052586

Elem	Li6707
Units	ppm
Avg	-.006439
Stddev	.000757
%RSD	11.75025

#1	-.006990
#2	-.005577
#3	-.006752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.218	17203.57	825.1474	1345.549	1813.583
Stddev	29.585	60.31	5.4764	.649	38.900
%RSD	1.803729	.3505806	.6636843	.0482688	2.144923

#1	1673.996	17140.73	830.0722	1344.899	1858.320
#2	1618.907	17208.99	819.2499	1345.549	1787.727
#3	1627.750	17260.99	826.1202	1346.198	1794.702

Sample Name: CCV055 Acquired: 01/02/2025 16:02:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949851	4.823003	24.66610	4.972359	4.909994	399.2742	10.21191
Stddev	.012672	.004065	.04341	.015815	.007712	.6468	.05472
%RSD	.2560026	.0842905	.1759849	.3180586	.1570739	.1619897	.5358333

#1	4.948341	4.818374	24.62430	4.956543	4.911983	399.3747	10.24714
#2	4.938002	4.825991	24.66305	4.972360	4.916517	399.8649	10.14888
#3	4.963210	4.824646	24.71095	4.988173	4.901482	398.5831	10.23973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202236	2.483925	412.1974	15.71734	2.504099	15.34519	413.7850
Stddev	.0027592	.000807	.8264	.06906	.001493	.06640	1.5513
%RSD	.5303820	.0325088	.2004946	.4393816	.0596394	.4326900	.3749155

#1	.5233126	2.484409	413.1036	15.73156	2.503062	15.40871	414.9053
#2	.5180035	2.482993	411.4852	15.64228	2.503423	15.27625	414.4354
#3	.5193546	2.484373	412.0036	15.77819	2.505810	15.35061	412.0143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.34145	407.2856	2.502335	1.278167	417.8745	2.542652	15.11136
Stddev	.04703	2.0820	.003109	.007799	2.3771	.002836	.07451
%RSD	.3065391	.5111809	.1242437	.6101768	.5688627	.1115498	.4931034

#1	15.38941	409.5028	2.502233	1.286053	415.3902	2.545473	15.03342
#2	15.29541	406.9820	2.505493	1.270457	418.1057	2.539801	15.11878
#3	15.33953	405.3722	2.499277	1.277990	420.1275	2.542680	15.18190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.4246	4.973756	5.144123	4.884100	4.991553	5.118982	5.016006
Stddev	.9657	.006879	.010439	.003977	.007477	.023926	.002258
%RSD	.6173477	.1383054	.2029372	.0814330	.1497919	.4673985	.0450096

#1	156.9004	4.966396	5.151920	4.888521	4.998289	5.144666	5.018187
#2	155.3134	4.980023	5.132263	4.880812	4.983508	5.097325	5.016153
#3	157.0601	4.974850	5.148186	4.882968	4.992863	5.114956	5.013679

Sample Name: CCV055 Acquired: 01/02/2025 16:02:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV055 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.100706	4.840849	5.156940
Stddev	.009852	.016956	.006869
%RSD	.1931576	.3502630	.1331915
#1	5.100337	4.858156	5.159336
#2	5.110738	4.824268	5.149194
#3	5.091044	4.840123	5.162290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.500	15707.49	764.6645	1172.747	1652.249
Stddev	2.396	80.97	1.9527	11.663	2.839
%RSD	.1628199	.5154612	.2553683	.9944861	.1718082
#1	1472.537	15791.39	766.8604	1186.213	1653.934
#2	1468.760	15701.26	763.1231	1166.150	1648.971
#3	1473.203	15629.82	764.0100	1165.878	1653.840

Sample Name: CCB055 Acquired: 01/02/2025 16:06:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000782	-.000175	.0005253	-.000622	-.007098	.0005753
Stddev	.002408	.004336	.0010131	.002865	.005220	.0408037
%RSD	307.9302	2473.301	192.8787	460.9721	73.54566	7093.227
#1	.000918	.004344	.0015393	.000901	-.001622	-.045580
#2	-.003538	-.004302	-.000487	-.003927	-.007655	.015456
#3	.000274	-.000568	.000524	.001161	-.012018	.031850
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000359	.0000027	.0000857	-.009120	.0008925	-.000377
Stddev	.000427	.0001946	.0000505	.122314	.0004320	.000384
%RSD	119.1577	7126.758	58.96276	1341.218	48.40205	101.7198
#1	.000022	-.000144	.0001431	-.130756	.0013403	-.000482
#2	-.000276	.000223	.0000481	.113861	.0008587	-.000698
#3	-.000821	-.000071	.0000657	-.010464	.0004783	.000048
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000614	.0991899	.0078800	-.043116	.0007188	.0009279
Stddev	.000798	.2040339	.0011487	.224855	.0003086	.0014164
%RSD	129.9607	205.7003	14.57695	521.5129	42.94000	152.6405
#1	-.000252	.1576114	.0089973	-.279914	.0010549	-.000547
#2	-.001529	.2676406	.0079404	-.016939	.0006536	.002278
#3	-.000061	-.127682	.0067024	.167505	.0004480	.001052
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0769327	-.000265	.0041083	-.250474	.0006025	.0154073
Stddev	.0048349	.000560	.0010780	.195152	.0013857	.0025736
%RSD	6.284536	211.1312	26.23888	77.91319	229.9671	16.70364
#1	.0729274	-.000498	.0053390	-.451361	-.000966	.0161418
#2	.0755671	-.000670	.0033315	-.061612	.001660	.0175337
#3	.0823034	.000373	.0036544	-.238449	.001113	.0125463

Sample Name: CCB055 Acquired: 01/02/2025 16:06:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB055 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006805	-.001102	-.003224	.0024538	.0017979	.0006852
Stddev	.0000731	.003447	.001027	.0008053	.0036049	.0001426
%RSD	10.73611	312.7307	31.83752	32.81788	200.5032	20.81192
#1	.0007648	-.001112	-.002511	.0033820	.0059504	.0005304
#2	.0006354	-.004545	-.004401	.0020375	-.000529	.0007141
#3	.0006412	.002350	-.002761	.0019419	-.000028	.0008113

Elem	Li6707
Units	ppm
Avg	F .0183747
Stddev	.0039256
%RSD	21.36419
#1	.0202814
#2	.0209828
#3	.0138600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.343	16908.90	772.8253	1340.637	1975.945
Stddev	4.754	97.97	3.7908	.756	2.646
%RSD	.2837447	.5794005	.4905100	.0564259	.1338855
#1	1670.381	17012.67	777.2025	1339.949	1972.894
#2	1675.793	16818.01	770.6367	1341.447	1977.336
#3	1679.856	16896.03	770.6367	1340.514	1977.605

Sample Name: P5169-04 Acquired: 01/02/2025 16:10:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3013696	.0078836	.0942614	.0298663	.0075625	1.228383
Stddev	.0022558	.0048222	.0009093	.0011165	.0098353	.096546
%RSD	.7485033	61.16703	.9647116	3.738447	130.0530	7.859571

#1	.3038774	.0070328	.0943201	.0286949	.0154751	1.154891
#2	.3007253	.0130745	.0933241	.0299857	.0106616	1.192532
#3	.2995061	.0035435	.0951399	.0309184	-.003449	1.337725

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6548655	.0018407	.0003417	98.64322	.0003637	.0491483
Stddev	.0042525	.0002567	.0000441	.33102	.0002749	.0003175
%RSD	.6493679	13.94816	12.91663	.3355699	75.57151	.6460759

#1	.6499711	.0019620	.0003591	98.41554	.0001835	.0487999
#2	.6569706	.0015457	.0002915	99.02294	.0002276	.0494214
#3	.6576548	.0020142	.0003744	98.49117	.0006801	.0492238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081645	81.29112	.4978344	84.92974	.0273165	-.003456
Stddev	.0003721	.16355	.0067274	.20050	.0010827	.000852
%RSD	4.557545	.2011960	1.351333	.2360792	3.963529	24.65380

#1	.0077932	81.12990	.4903083	84.69884	.0278290	-.004357
#2	.0081629	81.45692	.5032637	85.03052	.0280477	-.003348
#3	.0085374	81.28654	.4999313	85.05986	.0260727	-.002663

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1821.713	.0120883	1.504211	49.65532	5.994379	1.837908
Stddev	20.473	.0010366	.001253	.20308	.019596	.009638
%RSD	1.123830	8.575238	.0833301	.4089748	.3269050	.5243931

#1	1842.220	.0124026	1.502977	49.88759	6.016302	1.841401
#2	1821.644	.0129314	1.504174	49.51127	5.978567	1.845313
#3	1801.274	.0109309	1.505483	49.56710	5.988269	1.827011

Sample Name: P5169-04 Acquired: 01/02/2025 16:10:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058717	49.80906	7.362360	.0200885	.0168788	1.058163
Stddev	.0008383	.13399	.054864	.0006655	.0066969	.004610
%RSD	14.27637	.2690085	.7451978	3.312730	39.67614	.4356407
#1	.0064857	49.92553	7.386782	.0208432	.0110725	1.054622
#2	.0062127	49.66262	7.400773	.0198363	.0153590	1.063375
#3	.0049167	49.83903	7.299526	.0195860	.0242050	1.056491

Elem	Li6707
Units	ppm
Avg	.0300084
Stddev	.0007890
%RSD	2.629296
#1	.0291903
#2	.0307647
#3	.0300702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.579	16987.15	832.6943	1352.664	1851.849
Stddev	9.802	50.91	5.0455	1.700	8.145
%RSD	.5713268	.2997109	.6059252	.1256892	.4398216
#1	1705.406	17045.72	831.9799	1354.620	1842.795
#2	1724.962	16953.53	828.0441	1351.545	1858.580
#3	1716.369	16962.19	838.0589	1351.826	1854.174

Sample Name: P5169-05 Acquired: 01/02/2025 16:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3020659	.0091150	.0949416	.0293681	.0072937	1.566465
Stddev	.0045684	.0063045	.0007386	.0031797	.0009820	.047774
%RSD	1.512386	69.16600	.7779364	10.82702	13.46334	3.049788

#1	.2989046	.0023496	.0948950	.0257856	.0073399	1.604021
#2	.3073037	.0148256	.0957023	.0304632	.0062894	1.512694
#3	.2999894	.0101699	.0942274	.0318556	.0082517	1.582679

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6656032	.0022560	.0002624	100.2344	.0000050	.0499725
Stddev	.0029323	.0000755	.0000752	.3006	.0006922	.0009778
%RSD	.4405417	3.346208	28.66864	.2999286	13843.84	1.956760

#1	.6687194	.0023153	.0002252	99.9435	.0004386	.0497021
#2	.6651918	.0021710	.0002130	100.5439	-.000793	.0491583
#3	.6628983	.0022816	.0003490	100.2157	.000370	.0510571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083152	82.95758	.5066306	86.15819	.0291717	-.003202
Stddev	.0006380	.23805	.0091871	.23902	.0003327	.001545
%RSD	7.672459	.2869589	1.813364	.2774165	1.140388	48.26466

#1	.0076011	82.69418	.4968169	85.88239	.0287875	-.004399
#2	.0085154	83.15737	.5150262	86.30518	.0293623	-.003749
#3	.0088290	83.02118	.5080486	86.28698	.0293651	-.001457

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1815.564	.0125425	1.547525	49.86070	6.106701	1.869599
Stddev	11.547	.0011585	.006066	.05440	.054578	.006539
%RSD	.6360073	9.236845	.3919942	.1091118	.8937405	.3497672

#1	1804.951	.0138803	1.541763	49.81511	6.054625	1.862225
#2	1827.861	.0118749	1.546956	49.84606	6.102000	1.871880
#3	1813.881	.0118724	1.553855	49.92093	6.163477	1.874692

Sample Name: P5169-05 Acquired: 01/02/2025 16:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065825	51.01736	8.247524	.0177647	.0323432	1.076729
Stddev	.0009510	.45226	.033955	.0010430	.0019772	.005893
%RSD	14.44737	.8864817	.4117027	5.871084	6.113077	.5473408

#1	.0075119	50.61936	8.209516	.0189279	.0319485	1.070517
#2	.0056113	50.92355	8.274864	.0169128	.0344880	1.082242
#3	.0066242	51.50917	8.258192	.0174535	.0305932	1.077428

Elem	Li6707
Units	ppm
Avg	.0293244
Stddev	.0008648
%RSD	2.949185

#1	.0286389
#2	.0290383
#3	.0302960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1704.460	17050.01	834.1265	1340.786	1829.498
Stddev	7.035	23.18	3.0976	5.406	9.013
%RSD	.4127522	.1359746	.3713552	.4031943	.4926304

#1	1708.260	17036.32	837.4261	1346.129	1837.333
#2	1708.779	17076.78	831.2811	1340.909	1831.511
#3	1696.342	17036.94	833.6722	1335.319	1819.649

Sample Name: P5169-04LX5 Acquired: 01/02/2025 16:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0590840	.0083104	.0186600	.0074343	-.003360	.1847445	.1436003
Stddev	.0050689	.0045255	.0005013	.0032069	.002393	.0064319	.0003709
%RSD	8.579086	54.45538	2.686682	43.13609	71.21965	3.481507	.2582695
#1	.0562211	.0088688	.0181313	.0078209	-.000925	.1915552	.1433548
#2	.0649365	.0035317	.0187201	.0040517	-.005709	.1787740	.1440269
#3	.0560942	.0125308	.0191286	.0104304	-.003446	.1839042	.1434192
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006663	.0000867	21.53903	-.000083	.0189201	.0045929	17.99266
Stddev	.0001959	.0000685	.03333	.000217	.0005176	.0006738	.13043
%RSD	29.40979	79.00083	.1547495	259.6584	2.735949	14.67106	.7249024
#1	.0008105	.0000076	21.50980	-.000321	.0183748	.0052420	17.85705
#2	.0004432	.0001265	21.57533	.000103	.0194047	.0046400	18.11720
#3	.0007451	.0001258	21.53197	-.000032	.0189807	.0038968	18.00374
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1134097	18.45797	.0041162	-.000043	408.6698	.0046842	.3248342
Stddev	.0029191	.26608	.0005827	.002124	.5028	.0016975	.0035169
%RSD	2.573974	1.441527	14.15573	4941.253	.1230438	36.23795	1.082663
#1	.1162606	18.52578	.0042547	-.002379	409.2499	.0036586	.3229122
#2	.1135416	18.16455	.0034768	.001771	408.3999	.0037504	.3288932
#3	.1104268	18.68358	.0046172	.000479	408.3595	.0066435	.3226971
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.36529	1.223911	.4387584	.0017411	10.25765	1.576974	.0044132
Stddev	.69633	.006806	.0029971	.0002819	.02140	.021995	.0028161
%RSD	5.209974	.5561253	.6830876	16.19097	.2086627	1.394772	63.80942
#1	13.92657	1.230533	.4365324	.0016072	10.27890	1.555543	.0051348
#2	13.58324	1.224264	.4421662	.0020650	10.23609	1.575886	.0067983
#3	12.58606	1.216934	.4375767	.0015511	10.25795	1.599493	.0013066

Sample Name: P5169-04LX5 Acquired: 01/02/2025 16:18:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0082353	.2306568	.0973087
Stddev	.0093683	.0019885	.0117760
%RSD	113.7585	.8621141	12.10165
#1	.0184923	.2284461	.0990563
#2	.0001300	.2322996	.1081132
#3	.0060835	.2312246	.0847566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.558	16705.65	785.5883	1292.222	1865.870
Stddev	4.920	183.35	2.1342	10.149	6.598
%RSD	.2984399	1.097527	.2716680	.7853750	.3536087
#1	1643.071	16493.95	784.3825	1281.369	1858.471
#2	1652.576	16813.59	784.3300	1293.820	1871.143
#3	1650.027	16809.40	788.0525	1301.477	1867.995

Sample Name: P5169-06 Acquired: 01/02/2025 16:22:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3465902	.0478964	.1150328	.1272852	.0992755	3.038203
Stddev	.0038632	.0053142	.0021412	.0057478	.0033451	.076462
%RSD	1.114645	11.09515	1.861410	4.515653	3.369542	2.516691

#1	.3470765	.0457104	.1154747	.1333550	.1003969	2.960489
#2	.3501872	.0539549	.1127051	.1265751	.1019158	3.113349
#3	.3425068	.0440239	.1169186	.1219254	.0955137	3.040770

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.702625	.0531522	.0528092	102.2861	.2137126	.5633910
Stddev	.003100	.0000152	.0002850	.5259	.0017587	.0040235
%RSD	.1147016	.0285573	.5395937	.5141414	.8229334	.7141520

#1	2.699338	.0531652	.0526442	101.7008	.2157400	.5606324
#2	2.705495	.0531558	.0526453	102.4388	.2128010	.5615328
#3	2.703044	.0531355	.0531383	102.7188	.2125968	.5680077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2469481	85.60011	1.027461	88.02175	.5505404	.0352853
Stddev	.0022187	.43485	.008317	.78675	.0051450	.0018045
%RSD	.8984432	.5080058	.8094275	.8938143	.9345297	5.114135

#1	.2484164	85.11043	1.018475	87.12782	.5468184	.0361591
#2	.2480321	85.94115	1.034887	88.32857	.5483914	.0364866
#3	.2443958	85.74877	1.029022	88.60886	.5564115	.0332102

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1856.309	.5554349	2.100665	50.45410	6.273381	1.912249
Stddev	7.511	.0023272	.010708	.24617	.042888	.008665
%RSD	.4046204	.4189848	.5097287	.4878994	.6836566	.4531206

#1	1856.707	.5540920	2.113014	50.70615	6.249470	1.914036
#2	1863.613	.5581221	2.095021	50.44187	6.247779	1.919880
#3	1848.607	.5540906	2.093960	50.21428	6.322895	1.902830

Sample Name: P5169-06 Acquired: 01/02/2025 16:22:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062276	52.32276	7.153552	.0177711	.0204750	1.097077
Stddev	.0010165	.39895	.044791	.0012506	.0099095	.004148
%RSD	16.32231	.7624826	.6261426	7.037017	48.39788	.3781117
#1	.0054768	52.08600	7.171051	.0181162	.0293023	1.092427
#2	.0073843	52.09891	7.186953	.0188129	.0223667	1.100397
#3	.0058215	52.78337	7.102653	.0163842	.0097561	1.098408

Elem	Li6707
Units	ppm
Avg	.0257776
Stddev	.0021441
%RSD	8.317614
#1	.0253831
#2	.0280915
#3	.0238581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1677.320	16764.01	817.5208	1315.400	1798.895
Stddev	11.524	37.88	3.0480	5.232	9.539
%RSD	.6870425	.2259771	.3728289	.3977335	.5302467
#1	1682.984	16722.66	817.7679	1311.055	1802.197
#2	1684.915	16797.04	814.3568	1321.207	1806.344
#3	1664.060	16772.35	820.4376	1313.937	1788.144

Sample Name: PB165641TB Acquired: 01/02/2025 16:31:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB641 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000262	-.000831	-.002421	-.000699	-.007369	.0153489
Stddev	.002338	.000851	.001313	.000384	.002869	.0571836
%RSD	891.7096	102.4047	54.21860	54.94491	38.93051	372.5589

#1	-.002881	-.001743	-.003529	-.001114	-.009247	.0662084
#2	.000479	-.000058	-.000971	-.000355	-.004067	-.046549
#3	.001616	-.000693	-.002762	-.000630	-.008792	.026387

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000795	.0000743	-.000078	-.013235	-.000272	-.000106
Stddev	.001856	.0002305	.000084	.032679	.000861	.000246
%RSD	233.4951	310.2331	108.4674	246.9083	316.0887	232.8950

#1	-.002464	.0003371	.000012	.021538	.000232	-.000217
#2	.001204	-.000094	-.000155	-.017932	-.001266	.000176
#3	-.001125	-.000020	-.000091	-.043312	.000217	-.000277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012434	.0481859	-.003807	-.214505	.0011850	-.000824
Stddev	.001213	.1040484	.002730	.112990	.0009329	.001933
%RSD	9.754533	215.9310	71.71727	52.67477	78.72355	234.5011

#1	-.011085	.1468395	-.001104	-.095788	.0002263	-.001237
#2	-.012783	.0582450	-.003752	-.226998	.0020898	.001282
#3	-.013434	-.060527	-.006564	-.320729	.0012390	-.002518

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 129.4640	-.000686	-.004819	-2.05559	.0016288	.0049112
Stddev	2.0508	.000585	.000264	.29425	.0033103	.0010648
%RSD	1.584091	85.19804	5.488427	14.31454	203.2342	21.68140

#1	131.7612	-.000173	-.005113	-2.38618	.0012554	.0057758
#2	127.8173	-.001322	-.004742	-1.82236	.0051100	.0052358
#3	128.8136	-.000563	-.004601	-1.95823	-.001479	.0037218

Sample Name: PB165641TB Acquired: 01/02/2025 16:31:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LEB641 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	.0171092	-.005110	-.004457	.0043262	.0000373
Stddev	.000674	.0060431	.000663	.001555	.0066494	.0003100
%RSD	763.6470	35.32036	12.97828	34.88827	153.7008	830.2334
#1	.000468	.0227637	-.004745	-.003889	.0049104	-.000312
#2	.000104	.0178230	-.005876	-.006217	-.002596	.000144
#3	-.000837	.0107410	-.004711	-.003266	.010664	.000280

Elem	Li6707
Units	ppm
Avg	F -.022075
Stddev	.003876
%RSD	17.55787
#1	-.019699
#2	-.026548
#3	-.019978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.366	17702.25	814.9697	1383.257	2003.371
Stddev	3.706	124.44	10.1181	5.128	4.057
%RSD	.2137968	.7029711	1.241533	.3706963	.2024976
#1	1737.155	17844.35	803.7533	1383.238	2008.050
#2	1733.192	17649.68	823.4100	1378.139	2001.227
#3	1729.749	17612.72	817.7458	1388.395	2000.836

Sample Name: P5027-10A Acquired: 01/02/2025 16:35:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1895192	.0349037	5.289109	.2399657	-.045910	74.12400
Stddev	.0020968	.0056792	.025452	.0034955	.001672	.46681
%RSD	1.106397	16.27113	.4812114	1.456672	3.642836	.6297675
#1	.1871058	.0291272	5.316740	.2437782	-.044424	74.66215
#2	.1905573	.0351038	5.283963	.2392074	-.045583	73.88142
#3	.1908944	.0404803	5.266623	.2369116	-.047721	73.82842
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.908857	.0090109	.0120190	179.1963	.1655470	.1293060
Stddev	.025848	.0000702	.0001083	1.0812	.0009605	.0013618
%RSD	.8886020	.7794326	.9008083	.6033452	.5801918	1.053137
#1	2.908455	.0089683	.0118989	179.5692	.1650345	.1307797
#2	2.934904	.0090920	.0121090	180.0417	.1666550	.1280941
#3	2.883212	.0089725	.0120491	177.9781	.1649514	.1290443
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6230968	175.9909	8.361832	64.15714	.1787166	-.000732
Stddev	.0029606	.9984	.031953	.38323	.0017142	.000605
%RSD	.4751421	.5672793	.3821254	.5973239	.9591905	82.66457
#1	.6223737	177.0693	8.350442	64.11874	.1806935	-.000163
#2	.6263519	175.8047	8.397919	64.55812	.1778139	-.001368
#3	.6205647	175.0988	8.337136	63.79456	.1776423	-.000665
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.985633	.2172485	7.184036	9.560721	F 13.69103	.1202914
Stddev	.395137	.0021723	.010334	.318903	.06453	.0043084
%RSD	7.925509	.9998924	.1438500	3.335555	.4713343	3.581652
#1	5.371188	.2192665	7.195961	9.526301	13.76400	.1250710
#2	5.004146	.2175295	7.178454	9.895438	13.66764	.1167061
#3	4.581566	.2149494	7.177694	9.260424	13.64146	.1190972

Sample Name: P5027-10A Acquired: 01/02/2025 16:35:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK22A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115934	3.276591	9.737051	F 10.72066	1.310928	.1377444
Stddev	.0011093	.019059	.067665	.05143	.007911	.0012253
%RSD	9.568228	.5816573	.6949203	.4796984	.6034439	.8895251
#1	.0104873	3.298349	9.745466	10.77795	1.319119	.1378529
#2	.0127058	3.268572	9.800114	10.70557	1.303331	.1389118
#3	.0115870	3.262852	9.665572	10.67847	1.310334	.1364685

Elem	Li6707
Units	ppm
Avg	.1510636
Stddev	.0022722
%RSD	1.504115
#1	.1487899
#2	.1533342
#3	.1510665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.746	20079.94	928.5628	1555.824	1834.732
Stddev	7.733	57.85	9.9767	9.705	11.224
%RSD	.3934101	.2880833	1.074422	.6237711	.6117559
#1	1956.959	20049.23	923.6122	1548.927	1822.430
#2	1968.763	20043.93	922.0296	1551.623	1837.349
#3	1971.516	20146.67	940.0466	1566.921	1844.416

Sample Name: P5027-19 Acquired: 01/02/2025 16:39:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365385	.0032350	2.151791	.0496238	.0085661	59.30648
Stddev	.0008273	.0030879	.008813	.0031327	.0024837	.03898
%RSD	.6059105	95.45349	.4095483	6.312860	28.99393	.0657274

#1	.1373005	.0038606	2.143373	.0461061	.0080252	59.30019
#2	.1366563	-.000118	2.160952	.0521129	.0112757	59.27102
#3	.1356586	.005962	2.151047	.0506523	.0063975	59.34822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892806	.0070208	.0080631	691.8879	.0962887	.1424874
Stddev	.004074	.0001073	.0001396	.2817	.0014570	.0005056
%RSD	.2152349	1.529087	1.730676	.0407085	1.513165	.3548471

#1	1.896637	.0071331	.0079062	691.5850	.0978385	.1427178
#2	1.893255	.0069191	.0081733	691.9370	.0960809	.1428368
#3	1.888526	.0070103	.0081100	692.1418	.0949468	.1419076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2994889	144.6251	16.04587	237.4924	.1720537	-.002015
Stddev	.0008728	.3358	.04293	1.2228	.0017613	.000659
%RSD	.2914342	.2321587	.2675757	.5148921	1.023680	32.70744

#1	.3004965	144.2400	16.01726	236.0812	.1700242	-.001264
#2	.2990015	144.7787	16.02512	238.1563	.1731827	-.002286
#3	.2989686	144.8566	16.09524	238.2396	.1729541	-.002496

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.461131	.0782570	1.045159	10.45132	F 13.49618	.1859538
Stddev	.064838	.0023155	.011620	.03463	.02051	.0010304
%RSD	1.003515	2.958810	1.111795	.3313547	.1519703	.5541149

#1	6.535133	.0809153	1.032546	10.41518	13.48214	.1852950
#2	6.433969	.0771759	1.047501	10.48421	13.51971	.1871412
#3	6.414291	.0766798	1.055429	10.45457	13.48667	.1854251

Sample Name: P5027-19 Acquired: 01/02/2025 16:39:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK29 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126237	11.34971	10.88734	.0883451	1.034764	.9405529
Stddev	.0004183	.02008	.04916	.0021485	.007324	.0019531
%RSD	3.313460	.1769254	.4515552	2.432000	.7078308	.2076486

#1	.0122113	11.32886	10.91771	.0892764	1.041376	.9402669
#2	.0126121	11.36893	10.83062	.0898709	1.026891	.9387585
#3	.0130476	11.35133	10.91368	.0858880	1.036025	.9426331

Elem	Li6707
Units	ppm
Avg	.0900055
Stddev	.0032771
%RSD	3.641036

#1	.0862238
#2	.0917784
#3	.0920142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.745	18849.68	905.5747	1467.289	1678.380
Stddev	4.276	32.75	1.7986	16.230	2.826
%RSD	.2330708	.1737517	.1986176	1.106114	.1683548

#1	1838.662	18866.15	904.9086	1485.967	1679.473
#2	1835.392	18811.97	907.6113	1456.627	1680.496
#3	1830.183	18870.93	904.2041	1459.272	1675.171

Sample Name: P5169-04A Acquired: 01/02/2025 16:43:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4283729	.0046055	.0615343	.0177930	.0055818	1.262530
Stddev	.0041108	.0012117	.0007700	.0040758	.0062047	.071250
%RSD	.9596269	26.30848	1.251331	22.90683	111.1595	5.643398

#1	.4318150	.0032749	.0620382	.0210390	-.000388	1.285784
#2	.4294825	.0048966	.0606479	.0191213	.005135	1.182558
#3	.4238212	.0056451	.0619167	.0132188	.011998	1.319247

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8238329	.0017917	.0003393	62.97612	-.000281	.0527591
Stddev	.0113334	.0002068	.0001035	.53058	.000749	.0002856
%RSD	1.375694	11.54196	30.49850	.8425064	266.6677	.5413186

#1	.8169919	.0017453	.0004517	62.60927	-.001035	.0530852
#2	.8175917	.0016121	.0003184	62.73459	.000462	.0526389
#3	.8369150	.0020178	.0002479	63.58449	-.000269	.0525533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116213	62.31888	.4034580	63.71450	.0330743	.0192539
Stddev	.0013696	.51279	.0067223	.50951	.0015603	.0008248
%RSD	11.78486	.8228436	1.666178	.7996797	4.717414	4.283876

#1	.0129971	62.21321	.3981876	63.70080	.0347618	.0200442
#2	.0102581	61.86716	.4011580	63.21198	.0327772	.0183984
#3	.0116086	62.87627	.4110285	64.23073	.0316840	.0193190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1798.630	.0136055	2.041666	38.11925	3.433000	1.393106
Stddev	10.650	.0005150	.008212	.39435	.016432	.013675
%RSD	.5921385	3.785188	.4022146	1.034507	.4786534	.9815918

#1	1801.688	.0139082	2.041857	38.14475	3.448393	1.385991
#2	1786.785	.0130108	2.049780	37.71278	3.434911	1.384455
#3	1807.417	.0138974	2.033360	38.50023	3.415696	1.408871

Sample Name: P5169-04A Acquired: 01/02/2025 16:43:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074959	40.35808	5.290463	.0127888	.0228558	.7462681
Stddev	.0006223	.17592	.053590	.0018378	.0058048	.0055883
%RSD	8.301535	.4358901	1.012957	14.37017	25.39760	.7488333

#1	.0079018	40.53729	5.291714	.0111154	.0265857	.7426890
#2	.0067794	40.35130	5.236257	.0147557	.0258139	.7434077
#3	.0078064	40.18565	5.343416	.0124955	.0161678	.7527075

Elem	Li6707
Units	ppm
Avg	.0135288
Stddev	.0055695
%RSD	41.16773

#1	.0186707
#2	.0076127
#3	.0143029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1702.562	16883.69	823.5111	1331.689	1835.076
Stddev	6.473	5.65	7.4155	4.783	4.381
%RSD	.3801720	.0334562	.9004681	.3591483	.2387305

#1	1697.322	16880.28	824.8475	1331.705	1831.390
#2	1700.567	16890.21	830.1675	1326.898	1833.919
#3	1709.797	16880.57	815.5183	1336.464	1839.920

Sample Name: PB165326BL Acquired: 01/02/2025 16:55:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS326 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002693	-.001598	-.001163	.0040783	-.006637	-.021530
Stddev	.001031	.003057	.002639	.0046308	.001224	.087360
%RSD	38.29620	191.3295	226.9557	113.5462	18.44629	405.7602

#1	-.002368	.001258	-.001612	.0093329	-.005231	-.071415
#2	-.003847	-.004822	-.003549	.0023093	-.007209	.079342
#3	-.001863	-.001228	.001672	.0005929	-.007470	-.072517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019963	.0000529	-.000136	.0862280	-.000533	-.000278
Stddev	.0019052	.0002005	.000121	.0545953	.000305	.000616
%RSD	95.43963	378.6371	89.10696	63.31502	57.25560	221.7574

#1	.0031437	.0000680	-.000262	.0484265	-.000708	.000415
#2	.0030481	.0002455	-.000020	.1488200	-.000181	-.000765
#3	-.000203	-.000155	-.000127	.0614375	-.000710	-.000483

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003799	.0625887	.0045800	-.051681	.0001178	-.000790
Stddev	.000298	.0798182	.0091974	.139753	.0014106	.000961
%RSD	7.839864	127.5282	200.8162	270.4123	1197.355	121.5528

#1	-.004108	.0141916	-.003780	-.102612	.0001110	-.000202
#2	-.003514	.0188590	.003088	-.158826	-.001289	-.001899
#3	-.003776	.1547154	.014432	.106394	.001532	-.000270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6443873	.0006647	-.004317	-.602762	.0024243	-.004461
Stddev	.0280833	.0006257	.000205	.168443	.0036830	.001851
%RSD	4.358134	94.11988	4.746207	27.94515	151.9183	41.48472

#1	.6767533	.0012767	-.004084	-.612495	.0036638	-.005305
#2	.6264710	.0006912	-.004401	-.429664	.0053276	-.005740
#3	.6299377	.0000263	-.004467	-.766127	-.001719	-.002339

Sample Name: PB165326BL Acquired: 01/02/2025 16:55:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS326 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0007435	-.002492	F .0147042	.0026300	.0003449
Stddev	.000372	.0053889	.000784	.0008605	.0077984	.0003207
%RSD	14520.79	724.8358	31.46036	5.852197	296.5213	92.97402
#1	.000351	-.005470	-.002088	.0137716	.0115314	.0004527
#2	.000031	.003560	-.001992	.0148736	-.002999	.0005977
#3	-.000390	.004140	-.003395	.0154674	-.000643	-.000016

Elem	Li6707
Units	ppm
Avg	-.000150
Stddev	.002768
%RSD	1843.601
#1	-.002864
#2	-.000256
#3	.002670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.805	17408.71	784.1589	1352.490	2017.396
Stddev	38.869	183.19	6.8602	18.311	43.707
%RSD	2.256153	1.052261	.8748542	1.353845	2.166485
#1	1691.851	17219.95	776.6467	1331.461	1981.756
#2	1710.135	17420.42	785.7383	1361.106	2004.271
#3	1766.428	17585.76	790.0917	1364.904	2066.162

Sample Name: PB165326BS Acquired: 01/02/2025 16:59:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS326 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228580	.0521296	.0189525	.0647518	.1114142	.4031509
Stddev	.0012415	.0041017	.0021320	.0030888	.0039174	.0656733
%RSD	5.431208	7.868222	11.24921	4.770230	3.516104	16.29000

#1	.0241193	.0545839	.0169572	.0626976	.1154916	.3308056
#2	.0216373	.0473945	.0211989	.0683039	.1110717	.4590110
#3	.0228175	.0544105	.0187014	.0632539	.1076792	.4196359

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4203621	.0109651	.0102562	10.56097	.0211336	.1079885
Stddev	.0032087	.0000797	.0000460	.01815	.0002901	.0007066
%RSD	.7633269	.7267337	.4482207	.1718675	1.372784	.6543052

#1	.4224357	.0110571	.0102221	10.54220	.0208190	.1078235
#2	.4219843	.0109171	.0102380	10.56229	.0211913	.1087630
#3	.4166661	.0109211	.0103085	10.57843	.0213905	.1073790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510530	.2572461	.0302401	10.79314	.0825522	.0214503
Stddev	.0002908	.0253981	.0065892	.22322	.0007123	.0001905
%RSD	.5695842	9.873069	21.78964	2.068165	.8628215	.8880310

#1	.0507179	.2791383	.0275497	10.85203	.0829716	.0215993
#2	.0512017	.2632001	.0254217	10.98101	.0817298	.0215159
#3	.0512393	.2293999	.0377487	10.54638	.0829551	.0212357

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.055050	.1175423	.1250861	9.123283	.0209929	F -.004011
Stddev	.048586	.0010374	.0011456	.183820	.0026285	.001794
%RSD	.6031709	.8825996	.9158727	2.014841	12.52110	44.74046

#1	8.096267	.1164692	.1240050	9.280944	.0234728	-.005495
#2	8.067403	.1185399	.1262868	9.167525	.0212685	-.004520
#3	8.001480	.1176177	.1249665	8.921380	.0182374	-.002017

Sample Name: PB165326BS Acquired: 01/02/2025 16:59:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS326 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213348	.1938364	F .5191851	F .0297190	.2121569	.2204348
Stddev	.0009714	.0029788	.0032582	.0017997	.0185084	.0012791
%RSD	4.552933	1.536778	.6275687	6.055630	8.723901	.5802494
#1	.0215617	.1946022	.5223446	.0278438	.2051779	.2194276
#2	.0202700	.1963575	.5158363	.0314322	.1981527	.2218739
#3	.0221725	.1905494	.5193744	.0298809	.2331401	.2200028

Elem	Li6707
Units	ppm
Avg	.0261470
Stddev	.0037878
%RSD	14.48665
#1	.0222624
#2	.0298300
#3	.0263485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.743	17180.94	792.3833	1338.824	1982.122
Stddev	.695	65.87	4.6211	10.592	1.815
%RSD	.0411778	.3833753	.5831861	.7911498	.0915675
#1	1689.038	17256.95	787.5442	1348.791	1980.376
#2	1687.948	17140.60	796.7500	1327.701	1981.991
#3	1689.241	17145.28	792.8558	1339.980	1983.999

Sample Name: PB165673BL Acquired: 01/02/2025 17:03:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW673 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001918	.0011006	-.003207	.0056101	-.005077	-.046872	.0016937
Stddev	.002927	.0015624	.000966	.0033870	.001821	.043989	.0011499
%RSD	152.6232	141.9611	30.12899	60.37282	35.86622	93.84994	67.89517
#1	.001444	.0026829	-.002109	.0089409	-.006869	-.059844	.0026250
#2	-.003905	-.000441	-.003929	.0021696	-.005133	-.082916	.0004084
#3	-.003293	.001060	-.003582	.0057198	-.003229	.002145	.0020476
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000983	-.000036	.0294324	-.000715	-.000353	-.004455	.0634952
Stddev	.0001613	.000058	.1014596	.000996	.000279	.000617	.0841776
%RSD	164.0102	160.3851	344.7204	139.2222	79.04095	13.84756	132.5731
#1	.0001629	-.000077	.0638804	-.001224	-.000035	-.004952	.1567784
#2	.0002174	-.000063	.1091829	.000432	-.000470	-.003765	.0405084
#3	-.000085	.000031	-.084766	-.001354	-.000554	-.004648	-.006801
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054381	.0081955	.0002054	-.000533	.4749204	.0002918	-.003906
Stddev	.0045433	.1246086	.0002762	.000580	.0143851	.0011953	.000534
%RSD	83.54532	1520.445	134.4321	108.9334	3.028947	409.6351	13.67839
#1	.0064902	-.116757	-.000069	-.000963	.4605920	.0013550	-.003528
#2	.0093630	.008887	.000483	.000127	.4748077	.0005223	-.004517
#3	.0004611	.132457	.000202	-.000763	.4893615	-.001002	-.003673
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.245617	-.002319	-.005727	-.000361	.0048044	-.002342	-.001579
Stddev	.360421	.001665	.000769	.000213	.0061080	.000859	.000444
%RSD	146.7412	71.80368	13.43627	59.04574	127.1341	36.67340	28.14999
#1	-.585539	-.000936	-.005100	-.000592	.0086698	-.003316	-.001773
#2	-.283606	-.001854	-.006585	-.000171	.0079805	-.002014	-.001070
#3	.132294	-.004167	-.005495	-.000321	-.002237	-.001695	-.001893

Sample Name: PB165673BL Acquired: 01/02/2025 17:03:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW673 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002944	.0007577	.0036765
Stddev	.001530	.0002673	.0026239
%RSD	51.98257	35.27719	71.36959
#1	-.003643	.0007625	.0026272
#2	-.004000	.0004881	.0017396
#3	-.001189	.0010227	.0066627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.344	17635.96	811.1206	1380.430	2027.706
Stddev	3.997	86.24	13.3338	9.975	6.564
%RSD	.2314163	.4889832	1.643871	.7226345	.3237311
#1	1731.626	17726.09	826.1767	1390.846	2033.638
#2	1726.696	17627.57	800.8042	1379.482	2028.827
#3	1723.710	17554.23	806.3808	1370.963	2020.654

Sample Name: PB165673BS Acquired: 01/02/2025 17:12:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCW673 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245414	.0536427	.0199569	.0647495	.1050569	.4025533
Stddev	.0008622	.0021267	.0004731	.0020628	.0025989	.0387681
%RSD	3.513084	3.964595	2.370646	3.185763	2.473805	9.630547
#1	.0254012	.0512117	.0194956	.0626083	.1080474	.4455191
#2	.0245460	.0551591	.0199340	.0667237	.1037789	.3701882
#3	.0236769	.0545573	.0204410	.0649164	.1033444	.3919527
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4077397	.0106778	.0099966	10.17811	.0207272	.1058668
Stddev	.0114705	.0002934	.0000706	.22401	.0008836	.0006848
%RSD	2.813182	2.747913	.7065434	2.200887	4.263206	.6469022
#1	.3945789	.0103687	.0099344	9.92015	.0217377	.1051343
#2	.4130298	.0107123	.0100734	10.32362	.0200992	.1059749
#3	.4156105	.0109525	.0099819	10.29055	.0203447	.1064912
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486616	F .2838736	.0326159	9.896887	.0800971	.0197998
Stddev	.0018842	.0561601	.0064382	.403055	.0003675	.0001906
%RSD	3.872092	19.78348	19.73951	4.072539	.4588431	.9625567
#1	.0467424	.3450398	.0259498	9.484768	.0797333	.0198564
#2	.0505088	.2719447	.0387991	10.29022	.0804682	.0195873
#3	.0487337	.2346363	.0330988	9.91567	.0800897	.0199556
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.768810	.1137870	.1216072	8.506197	.0230037	F -.005729
Stddev	.209447	.0034259	.0008546	.509154	.0018022	.001836
%RSD	2.696000	3.010832	.7027817	5.985684	7.834483	32.04176
#1	7.542160	.1102224	.1217672	7.921064	.0245444	-.007241
#2	7.955213	.1170549	.1223705	8.848283	.0210219	-.003687
#3	7.809058	.1140838	.1206839	8.749244	.0234447	-.006258

Sample Name: PB165673BS Acquired: 01/02/2025 17:12:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCW673 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206971	.1868144	F .5078853	F .0297838	.2092747	.2109454
Stddev	.0004497	.0044065	.0140369	.0004660	.0134133	.0076056
%RSD	2.172973	2.358770	2.763800	1.564693	6.409449	3.605484
#1	.0210467	.1858209	.4925838	.0295252	.1950185	.2022429
#2	.0201897	.1829895	.5201656	.0303218	.2111599	.2163188
#3	.0208549	.1916329	.5109065	.0295045	.2216457	.2142744

Elem	Li6707
Units	ppm
Avg	.0281536
Stddev	.0026545
%RSD	9.428487
#1	.0255622
#2	.0280316
#3	.0308669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.408	17053.41	788.7272	1336.421	1976.279
Stddev	1.746	15.73	18.5478	5.608	1.888
%RSD	.1039703	.0922535	2.351612	.4196054	.0955453
#1	1678.323	17061.47	809.0633	1334.902	1974.949
#2	1678.479	17063.47	772.7408	1331.729	1978.440
#3	1681.422	17035.28	784.3775	1342.632	1975.447

Sample Name: P5169-01 Acquired: 01/02/2025 17:16:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1167144	.0369225	.4295145	-.026276	.1779553	.6499901
Stddev	.0002840	.0015075	.0025539	.001631	.0050843	.0552234
%RSD	.2432928	4.082985	.5946022	6.205952	2.857079	8.496037

#1	.1164947	.0351889	.4282278	-.024631	.1725387	.6149693
#2	.1166135	.0379260	.4278599	-.026306	.1787025	.7136500
#3	.1170350	.0376527	.4324558	-.027892	.1826247	.6213509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4375750	.0005265	.0080921	165.6639	.0020219	.0937941
Stddev	.0004968	.0002356	.0000968	.1235	.0003350	.0002985
%RSD	.1135375	44.74718	1.195726	.0745200	16.56806	.3182230

#1	.4371932	.0004565	.0081197	165.8064	.0024061	.0936501
#2	.4381367	.0007892	.0079846	165.5925	.0017904	.0935948
#3	.4373952	.0003339	.0081721	165.5927	.0018694	.0941372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3852452	.7772131	.2016733	42.89694	.0601638	-.000056
Stddev	.0022727	.0456256	.0089934	.20905	.0009089	.001499
%RSD	.5899265	5.870412	4.459379	.4873420	1.510660	2659.724

#1	.3873247	.7270924	.2120400	42.97897	.0592422	-.000180
#2	.3828192	.7882155	.1970180	43.05254	.0601898	-.001489
#3	.3855918	.8163316	.1959619	42.65931	.0610593	.001500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1591.019	.0010984	7.209193	24.54261	.0610357	.5921474
Stddev	4.294	.0012873	.039088	.22933	.0038552	.0035719
%RSD	.2699137	117.1919	.5421930	.9344158	6.316338	.6032134

#1	1593.992	.0008513	7.171467	24.43340	.0650359	.5892371
#2	1592.968	.0024913	7.249513	24.80614	.0573440	.5910716
#3	1586.095	-.000047	7.206600	24.38830	.0607272	.5961336

Sample Name: P5169-01 Acquired: 01/02/2025 17:16:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117065	28.05162	3.702541	.0079539	-.002352	1.219179
Stddev	.0008565	.19893	.024402	.0020031	.010233	.006714
%RSD	7.316171	.7091699	.6590621	25.18375	435.0782	.5506616
#1	.0122981	27.92457	3.726398	.0056487	-.008367	1.224799
#2	.0107244	27.94941	3.677628	.0092704	.009463	1.220994
#3	.0120970	28.28088	3.703598	.0089426	-.008151	1.211745
Elem	Li6707					
Units	ppm					
Avg	.0152740					
Stddev	.0019119					
%RSD	12.51717					
#1	.0161374					
#2	.0166018					
#3	.0130827					
Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1694.334	16903.06	838.0543	1342.289	1824.830	
Stddev	11.162	132.67	2.9590	10.091	10.386	
%RSD	.6587940	.7849166	.3530755	.7517751	.5691355	
#1	1701.082	16933.98	834.6483	1351.360	1829.597	
#2	1700.470	16757.65	839.9919	1331.420	1831.976	
#3	1681.450	17017.54	839.5226	1344.086	1812.916	

Sample Name: P5169-02 Acquired: 01/02/2025 17:20:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032248	.0481669	.0107905	-.041165	-.006286	.1881360
Stddev	.0060910	.0031052	.0019025	.010098	.000896	.0225365
%RSD	188.8769	6.446768	17.63107	24.53003	14.25631	11.97881
#1	.0024496	.0447860	.0093861	-.038004	-.005989	.1622076
#2	-.002441	.0488230	.0129556	-.052466	-.005576	.1991822
#3	.009666	.0508916	.0100298	-.033026	-.007293	.2030183
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5188754	.0000493	.0013929	773.0205	.0017718	.0564779
Stddev	.0033677	.0001852	.0001449	4.6415	.0007743	.0012626
%RSD	.6490311	375.6764	10.40338	.6004389	43.70226	2.235554
#1	.5224457	-.000164	.0012750	777.7851	.0021279	.0563577
#2	.5184246	.000150	.0013490	772.7636	.0023041	.0577962
#3	.5157558	.000162	.0015547	768.5128	.0008835	.0552796
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001202	.1146690	.8768272	17.07896	.0113767	-.000539
Stddev	.000365	.0758440	.0144600	.14862	.0000348	.000535
%RSD	30.36568	66.14173	1.649124	.8701939	.3061689	99.25725
#1	-.001068	.0550057	.8858548	16.94083	.0113370	.000078
#2	-.000923	.0889800	.8844775	17.05983	.0113908	-.000828
#3	-.001615	.2000212	.8601492	17.23622	.0114022	-.000866
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1444.730	.0092444	.2839370	12.13770	.1031042	.1304009
Stddev	5.132	.0008090	.0024212	.10815	.0066896	.0019015
%RSD	.3552106	8.751177	.8527259	.8909986	6.488158	1.458210
#1	1448.855	.0090419	.2811574	12.14014	.0954272	.1283092
#2	1446.351	.0085559	.2850669	12.24461	.1062019	.1320251
#3	1438.983	.0101354	.2855868	12.02835	.1076834	.1308683

Sample Name: P5169-02 Acquired: 01/02/2025 17:20:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033165	7.176121	1.468838	.0091662	-.022340	7.064617
Stddev	.0001463	.008984	.011299	.0012832	.000326	.042265
%RSD	4.409988	.1251931	.7692147	13.99876	1.459101	.5982652

#1	.0033384	7.180230	1.478336	.0102698	-.022616	7.104059
#2	.0031605	7.165817	1.471834	.0077582	-.021981	7.069787
#3	.0034505	7.182315	1.456343	.0094705	-.022424	7.020004

Elem	Li6707
Units	ppm
Avg	.0044700
Stddev	.0003620
%RSD	8.098193

#1	.0041579
#2	.0048669
#3	.0043853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.043	16531.45	812.8682	1283.835	1730.494
Stddev	1.788	78.54	4.4159	10.195	1.747
%RSD	.1093440	.4750923	.5432443	.7940947	.1009437

#1	1633.402	16621.87	808.3416	1295.604	1728.533
#2	1634.779	16480.18	813.0986	1278.141	1731.065
#3	1636.948	16492.30	817.1643	1277.758	1731.884

Sample Name: P5169-03 Acquired: 01/02/2025 17:24:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3006404	.0317860	.0324690	-.000422	.1641313	.1276842
Stddev	.0054883	.0012863	.0033464	.003977	.0011298	.0127849
%RSD	1.825530	4.046788	10.30645	942.3558	.6883705	10.01287

#1	.3069669	.0313221	.0286472	.002978	.1635088	.1178158
#2	.2971558	.0332399	.0348733	.000551	.1654355	.1231098
#3	.2977986	.0307960	.0338867	-.004795	.1634496	.1421270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4165946	.0011551	.0002413	538.5917	-.003580	.2417328
Stddev	.0017970	.0001067	.0000918	2.3021	.001028	.0015287
%RSD	.4313595	9.233157	38.03601	.4274206	28.72906	.6324081

#1	.4148422	.0010336	.0002433	536.0495	-.004591	.2401236
#2	.4184331	.0012330	.0001486	539.1902	-.003612	.2431658
#3	.4165083	.0011988	.0003321	540.5354	-.002535	.2419091

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017323	63.65800	4.495784	106.8505	.0533912	-.001410
Stddev	.000803	.53831	.046900	.9419	.0010908	.001049
%RSD	4.637063	.8456251	1.043195	.8815062	2.043115	74.43478

#1	-.017076	63.24093	4.456759	106.7644	.0529734	-.002347
#2	-.016672	63.46740	4.482780	105.9546	.0546292	-.001606
#3	-.018220	64.26568	4.547814	107.8325	.0525711	-.000276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1759.166	-.012410	4.538165	62.14149	.0468237	1.026117
Stddev	6.461	.001120	.206538	.24372	.0046369	.011813
%RSD	.3673027	9.028314	4.551138	.3922027	9.902926	1.151262

#1	1756.329	-.011361	4.432640	62.37148	.0449785	1.013020
#2	1766.561	-.013590	4.776148	62.16696	.0433934	1.035968
#3	1754.609	-.012280	4.405708	61.88604	.0520992	1.029363

Sample Name: P5169-03 Acquired: 01/02/2025 17:24:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MJNLH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120298	32.58440	12.42605	.0345384	-.005775	4.573504
Stddev	.0009043	.28181	.17467	.0019872	.006503	.029483
%RSD	7.517208	.8648646	1.405674	5.753558	112.5931	.6446447
#1	.0115219	32.26041	12.22795	.0362031	-.000389	4.541167
#2	.0130738	32.72006	12.55794	.0323384	-.012999	4.580454
#3	.0114936	32.77272	12.49224	.0350737	-.003938	4.598891

Elem	Li6707
Units	ppm
Avg	.0324916
Stddev	.0074662
%RSD	22.97897
#1	.0240004
#2	.0380290
#3	.0354456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.706	16808.64	823.0460	1291.308	1770.439
Stddev	10.306	677.98	4.2370	49.107	9.932
%RSD	.6183325	4.033497	.5147908	3.802907	.5610019
#1	1677.567	17047.39	827.7667	1305.056	1781.460
#2	1665.488	16043.59	821.7985	1236.792	1767.677
#3	1657.063	17334.95	819.5729	1332.077	1762.180

Sample Name: CCV056 Acquired: 01/02/2025 17:28:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.101314	5.012893	25.60983	5.165617	5.126274	416.7205	10.42349
Stddev	.009786	.024946	.11165	.027745	.027682	2.1450	.07834
%RSD	.1918342	.4976328	.4359556	.5371053	.5399979	.5147392	.7515902

#1	5.109336	4.991012	25.52380	5.171427	5.114834	417.5775	10.45401
#2	5.090410	5.007610	25.56970	5.135428	5.106145	414.2795	10.33449
#3	5.104195	5.040057	25.73600	5.189997	5.157842	418.3046	10.48198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5262627	2.585496	423.3236	15.93874	2.604966	15.59347	431.3949
Stddev	.0039996	.012793	3.3970	.06689	.010302	.08921	1.8161
%RSD	.7599930	.4947879	.8024483	.4196805	.3954573	.5720825	.4209884

#1	.5220973	2.575089	424.0141	15.91249	2.597587	15.53727	432.0571
#2	.5266180	2.581622	419.6345	16.01478	2.600575	15.54681	429.3406
#3	.5300727	2.599778	426.3223	15.88896	2.616735	15.69633	432.7869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.93402	423.9057	2.601858	1.292723	425.3827	2.616631	15.98627
Stddev	.08278	3.3839	.010972	.005976	3.3185	.012164	.01652
%RSD	.5195324	.7982599	.4216972	.4622888	.7801314	.4648692	.1033266

#1	16.00559	424.5119	2.595031	1.291963	426.0777	2.607436	15.97238
#2	15.84336	420.2597	2.596029	1.299043	421.7717	2.612033	15.98191
#3	15.95310	426.9455	2.614514	1.287163	428.2986	2.630424	16.00454

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	160.5822	5.184374	5.289058	5.081677	5.252441	5.221087	5.240871
Stddev	1.7596	.032237	.028528	.022145	.020026	.035668	.024391
%RSD	1.095756	.6218026	.5393791	.4357889	.3812636	.6831474	.4654056

#1	160.8053	5.152188	5.264027	5.068911	5.242786	5.201516	5.222653
#2	158.7217	5.184272	5.283029	5.068872	5.239072	5.199489	5.231378
#3	162.2196	5.216661	5.320119	5.107248	5.275465	5.262256	5.268581

Sample Name: CCV056 Acquired: 01/02/2025 17:28:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV056 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.297113	5.001347	5.281371
Stddev	.029869	.034605	.038937
%RSD	.5638738	.6919202	.7372555
#1	5.331357	5.024833	5.277687
#2	5.283547	4.961607	5.244407
#3	5.276434	5.017602	5.322020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.014	15740.20	767.4530	1142.764	1637.974
Stddev	4.538	102.69	4.4678	5.230	6.160
%RSD	.3105837	.6523976	.5821627	.4576203	.3760700
#1	1464.587	15651.00	764.5842	1136.843	1644.171
#2	1462.547	15717.13	772.6008	1146.750	1637.900
#3	1455.909	15852.45	765.1741	1144.700	1631.852

Sample Name: CCB056 Acquired: 01/02/2025 17:32:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002322	-.000187	.0019001	.0041179	-.002507	.0161693
Stddev	.002176	.000295	.0021753	.0050227	.004007	.1035210
%RSD	93.69711	158.0219	114.4854	121.9747	159.8109	640.2299
#1	-.000361	-.000258	-.000025	-.001536	-.002583	.0675694
#2	-.001943	.000137	.001466	.008065	-.006476	-.102993
#3	-.004663	-.000439	.004260	.005824	.001537	.083931
Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000083	.0000609	.0002086	.0622563	.0004561	-.000034
Stddev	.000848	.0001607	.0000950	.0735506	.0001945	.000452
%RSD	1023.144	263.7806	45.51209	118.1416	42.63249	1325.078
#1	.000850	.0000810	.0002690	-.008716	.0005546	.000215
#2	-.000808	-.000109	.0002577	.057345	.0005816	.000238
#3	-.000290	.000211	.0000992	.138139	.0002321	-.000556
Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000321	.0311124	.0045169	-.171621	-.000060	.0003712
Stddev	.000124	.0915011	.0061456	.263663	.000544	.0008511
%RSD	38.51685	294.0989	136.0593	153.6314	898.8222	229.3156
#1	-.000349	-.016623	.0033512	.125791	.000558	.0006698
#2	-.000186	-.026650	-.000962	-.263952	-.000462	-.000589
#3	-.000428	.136610	.011162	-.376701	-.000278	.001033
Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.266510	-.000329	.0044877	1.067208	.0015947	.0217648
Stddev	.111104	.001095	.0002030	.426001	.0028646	.0038086
%RSD	4.902008	332.8136	4.523152	39.91733	179.6308	17.49871
#1	2.384214	.000854	.0047057	1.437025	.0039185	.0261620
#2	2.251857	-.000534	.0044531	1.163196	.0024714	.0196249
#3	2.163459	-.001307	.0043042	.601402	-.001606	.0195074

Sample Name: CCB056 Acquired: 01/02/2025 17:32:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v63) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB056 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003778	.0052945	-.002629	F .0176134	.0031088	.0006613
Stddev	.0009995	.0024924	.000402	.0007440	.0118587	.0002260
%RSD	264.5673	47.07517	15.30673	4.224252	381.4520	34.18123
#1	-.000750	.0052777	-.002283	.0172821	-.006960	.0005248
#2	.001154	.0028105	-.003071	.0170926	.016180	.0009222
#3	.000729	.0077952	-.002533	.0184655	.000106	.0005368

Elem	Li6707
Units	ppm
Avg	F .0227122
Stddev	.0067474
%RSD	29.70847
#1	.0184824
#2	.0191605
#3	.0304936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.861	17330.83	787.4456	1345.844	1944.110
Stddev	3.140	163.06	8.1256	10.139	3.915
%RSD	.1880617	.9408418	1.031891	.7533544	.2013932
#1	1670.617	17156.96	786.7325	1335.139	1939.677
#2	1672.554	17355.18	795.9042	1347.092	1945.557
#3	1666.411	17480.34	779.7000	1355.301	1947.095