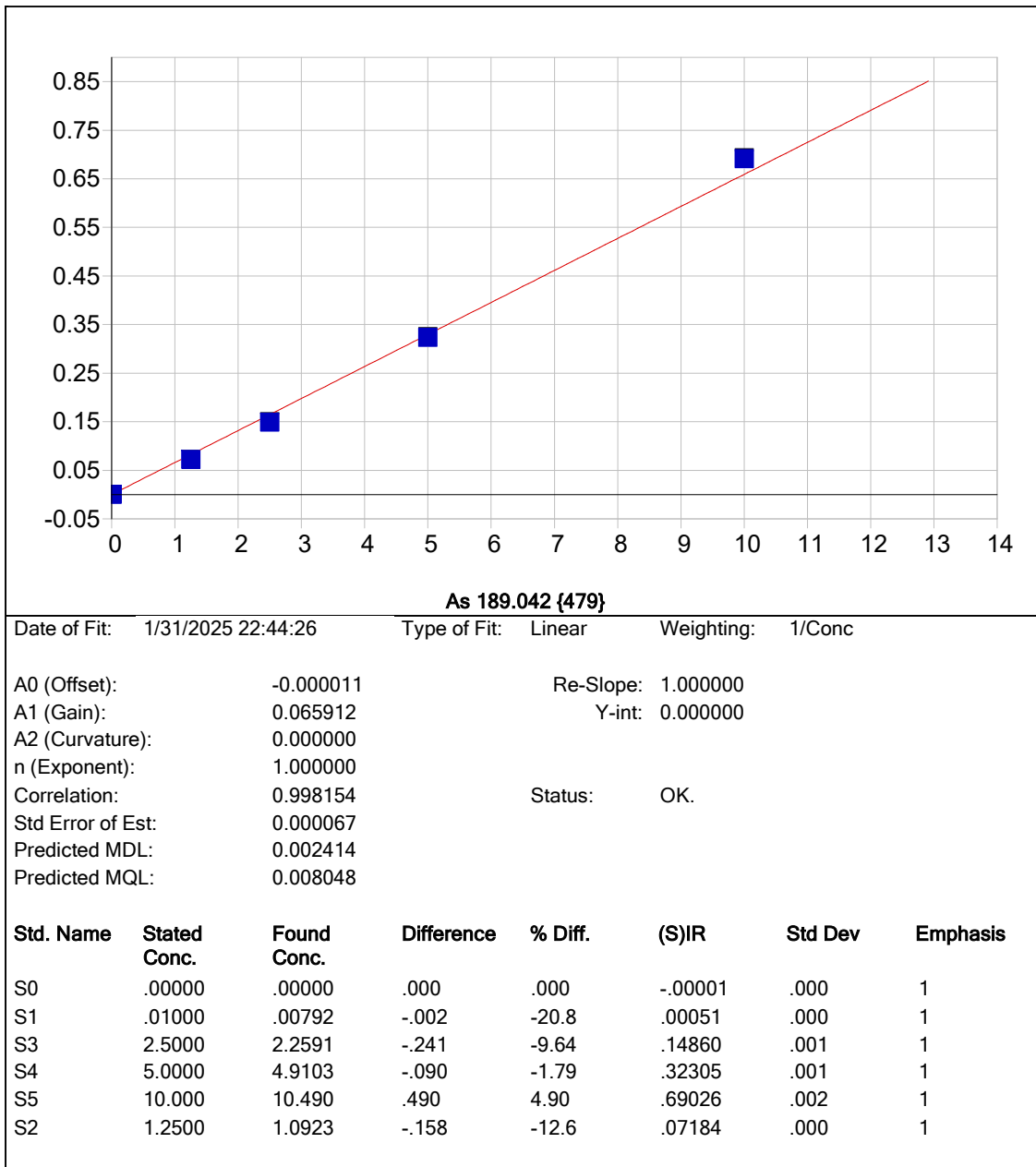
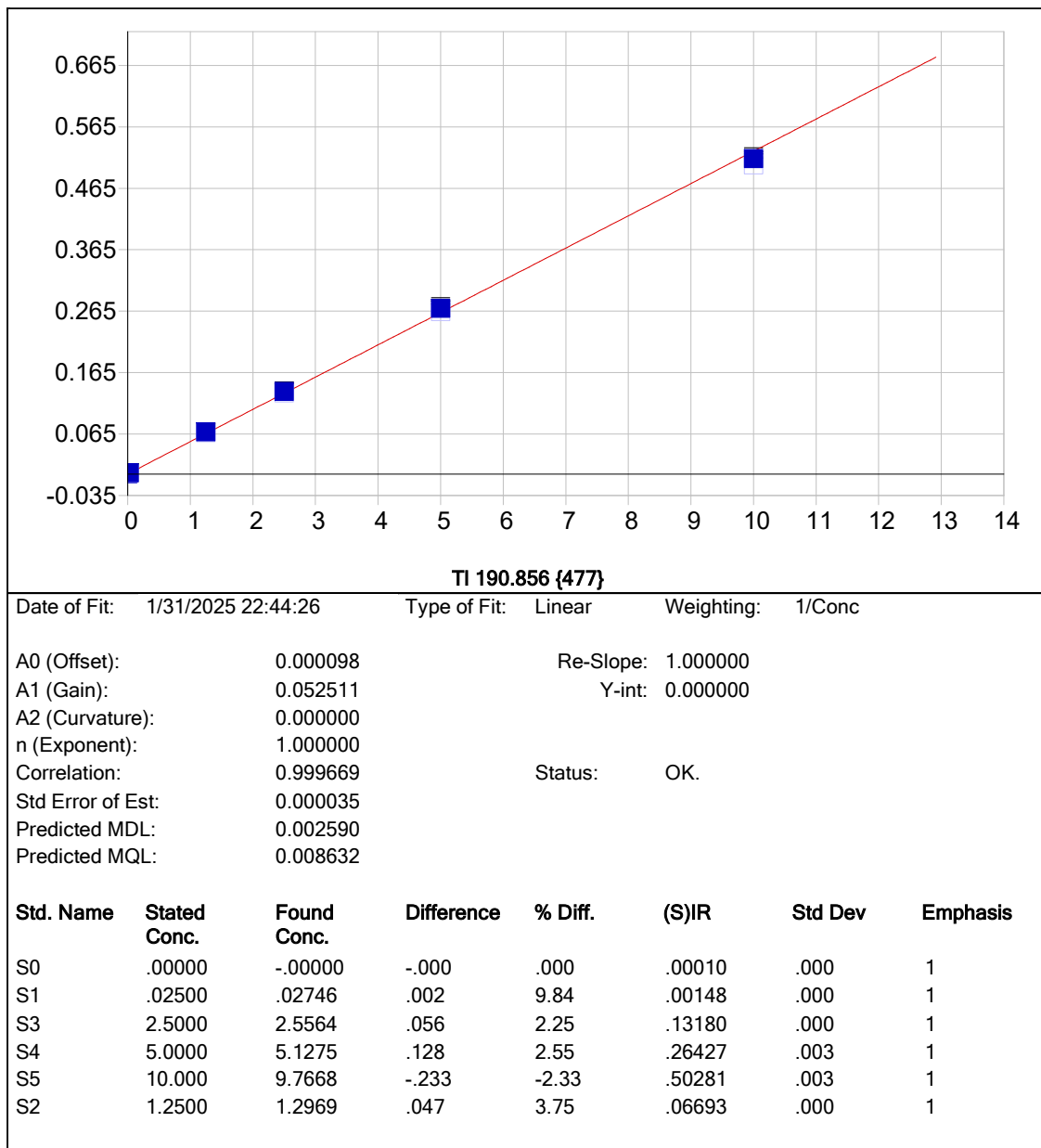
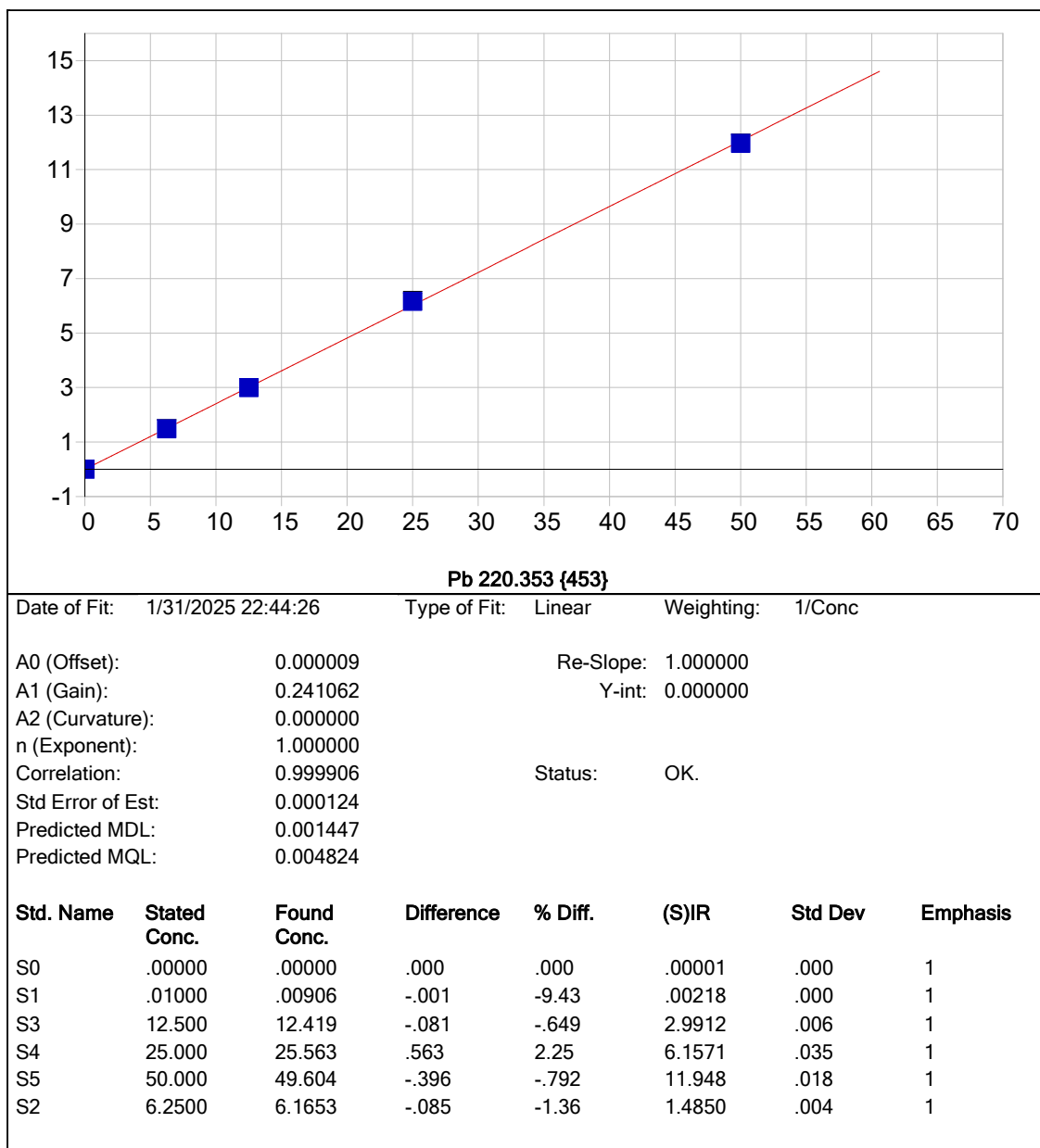
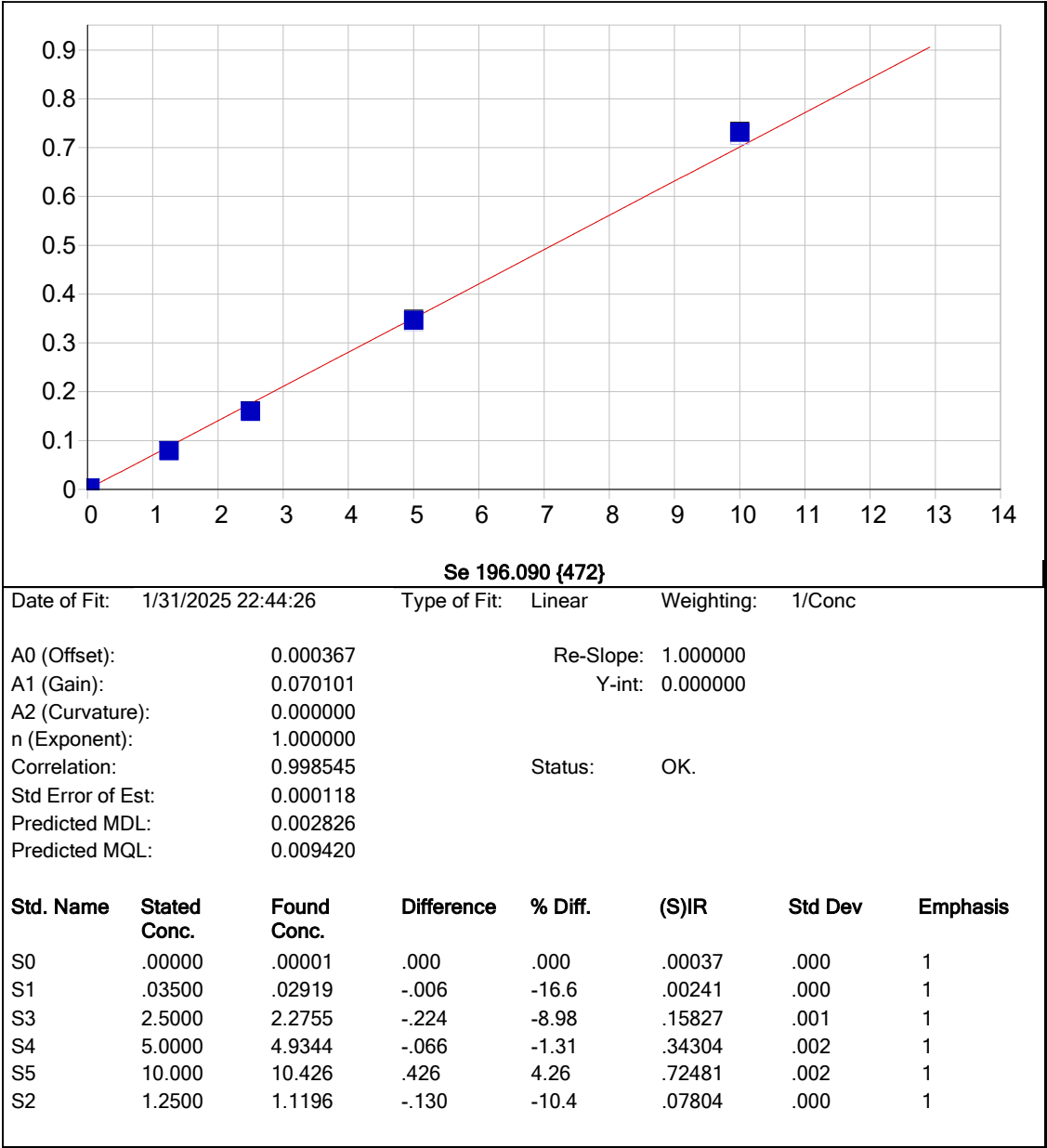
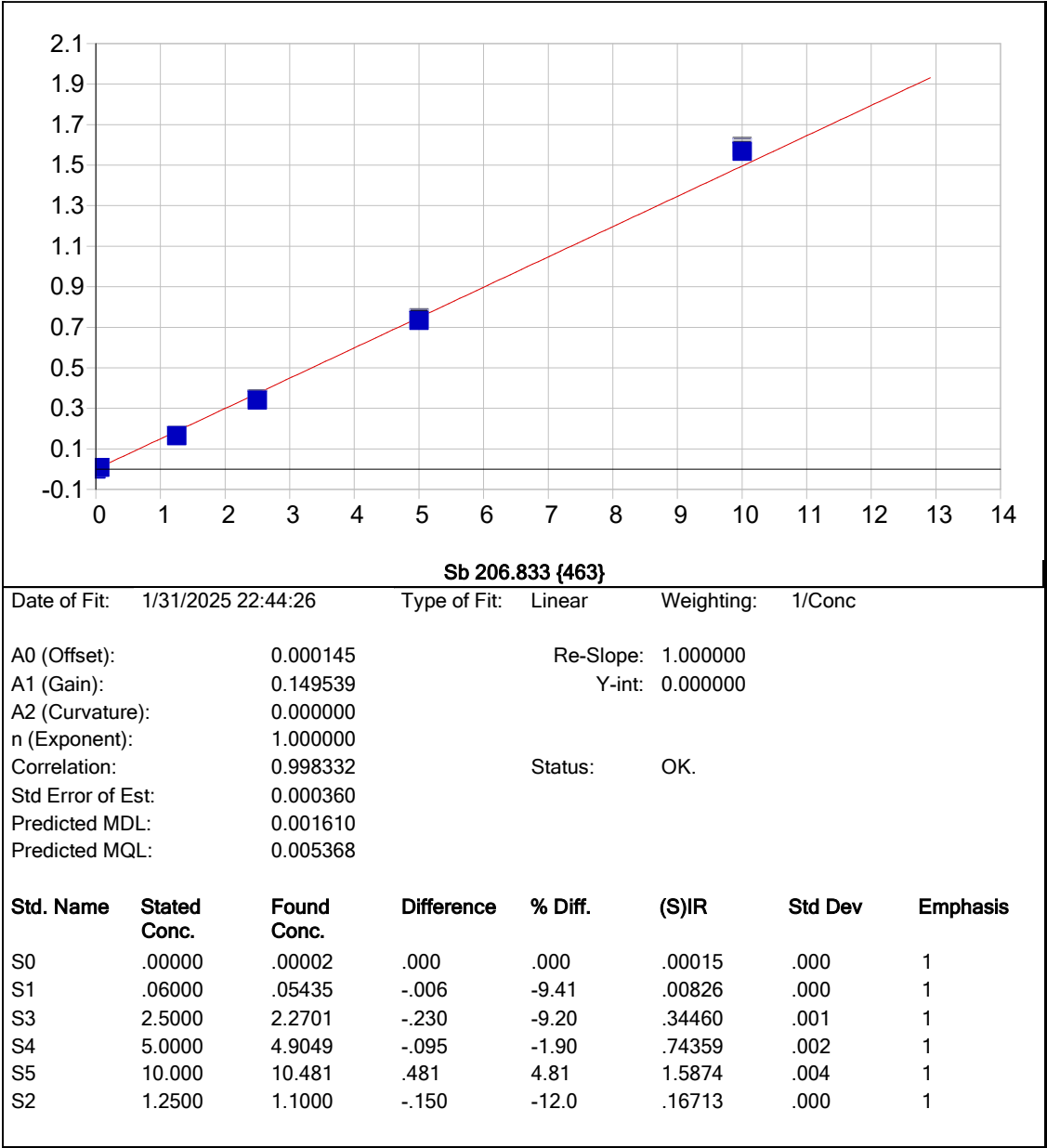


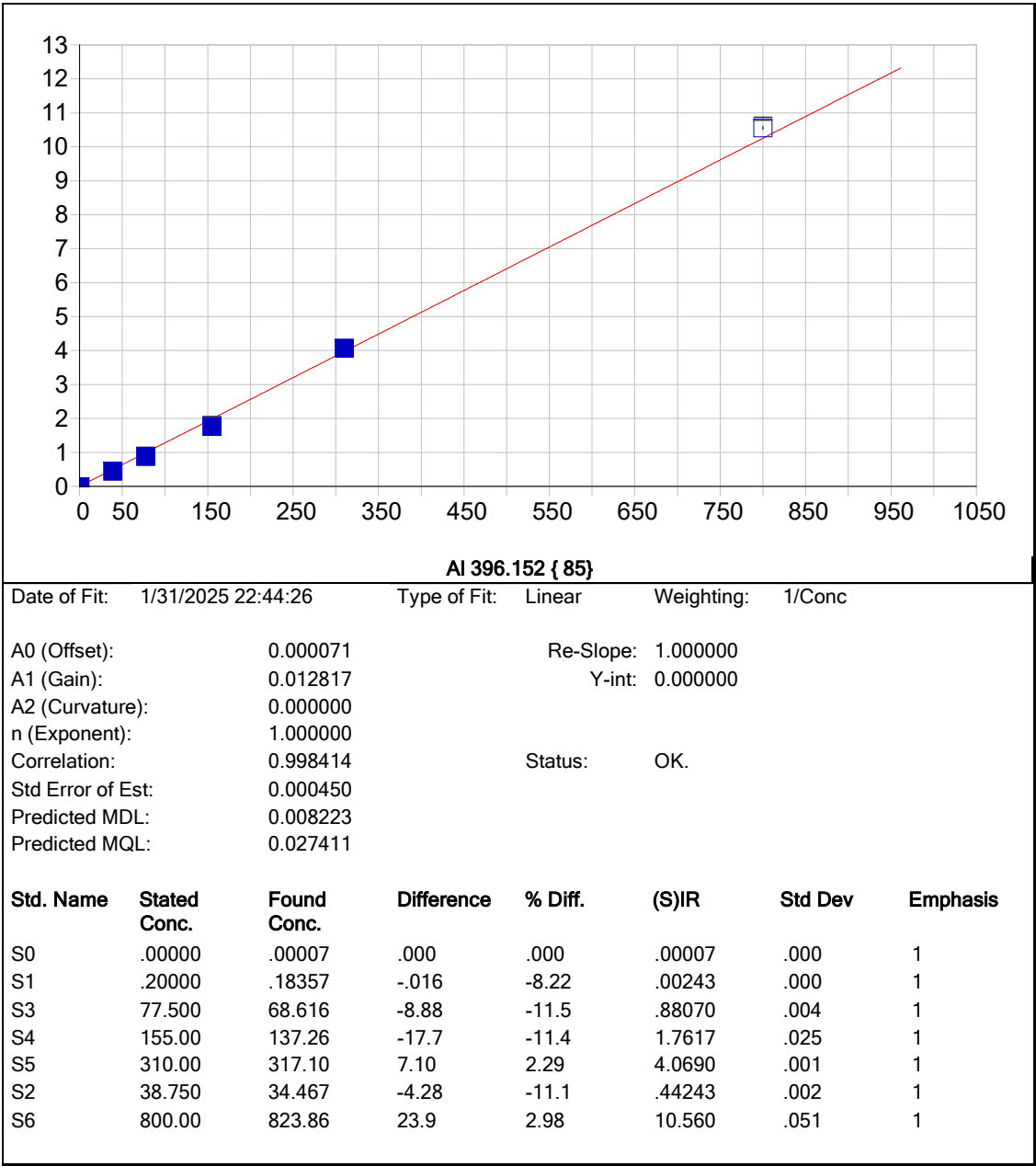


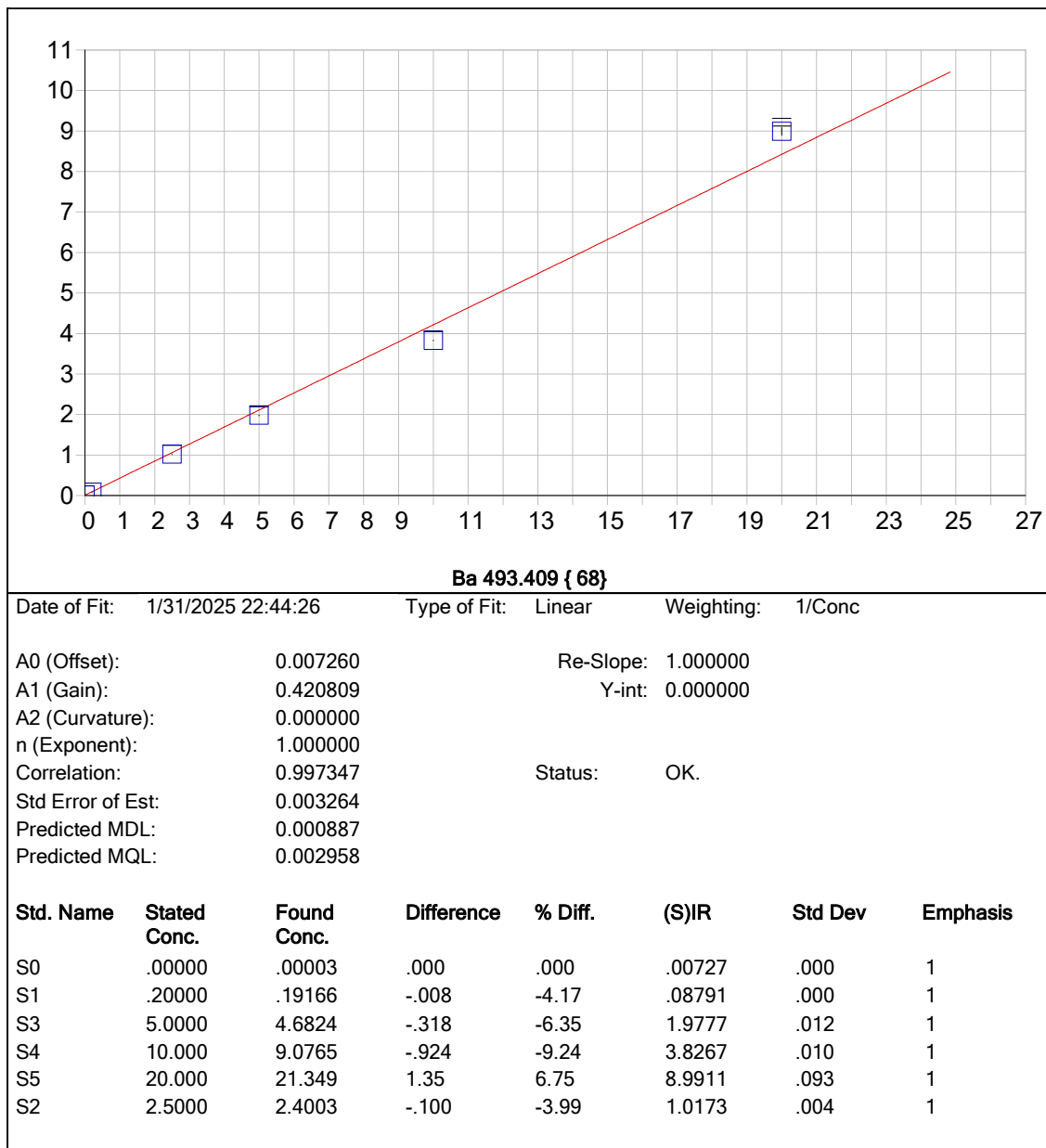


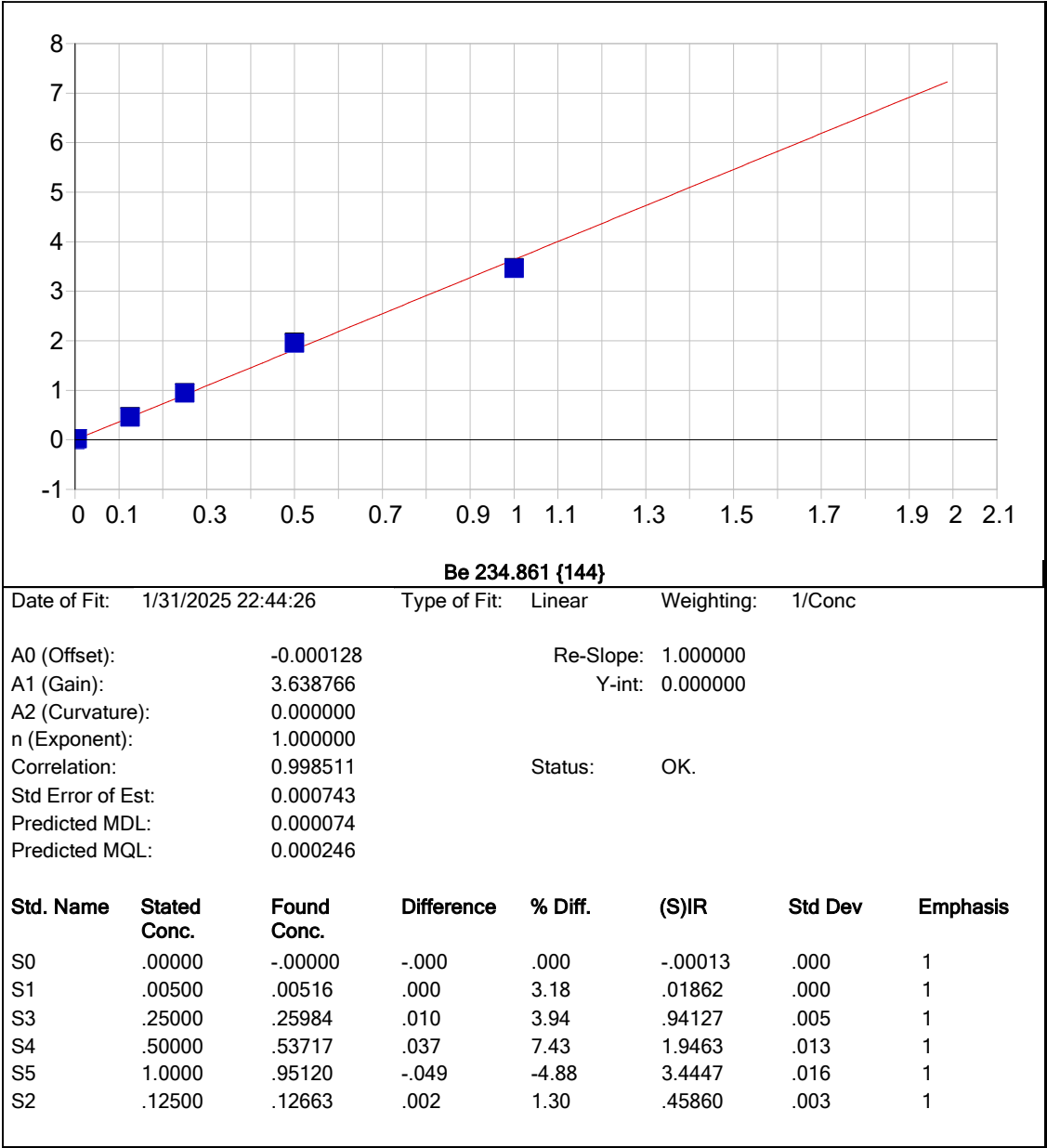


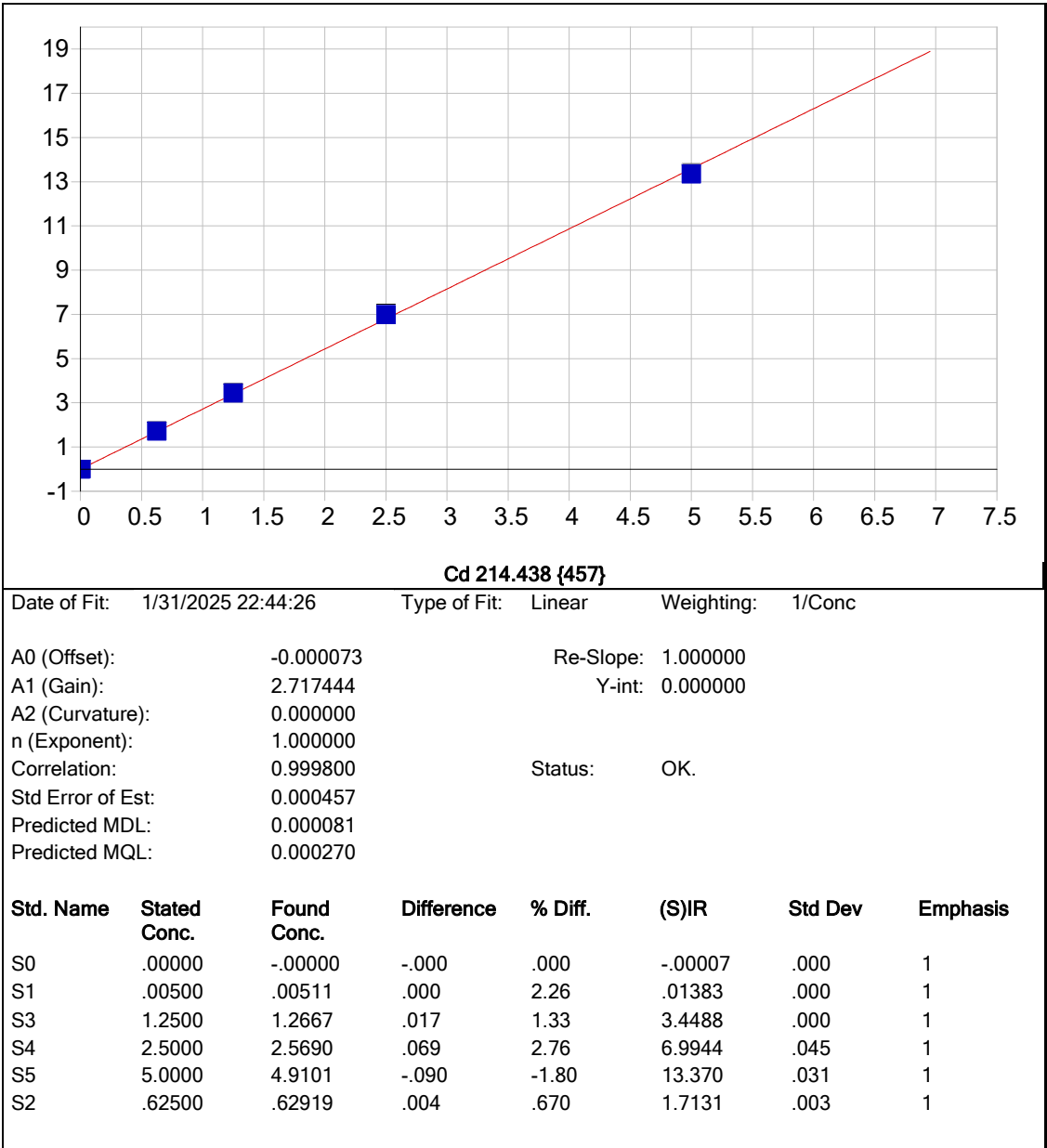


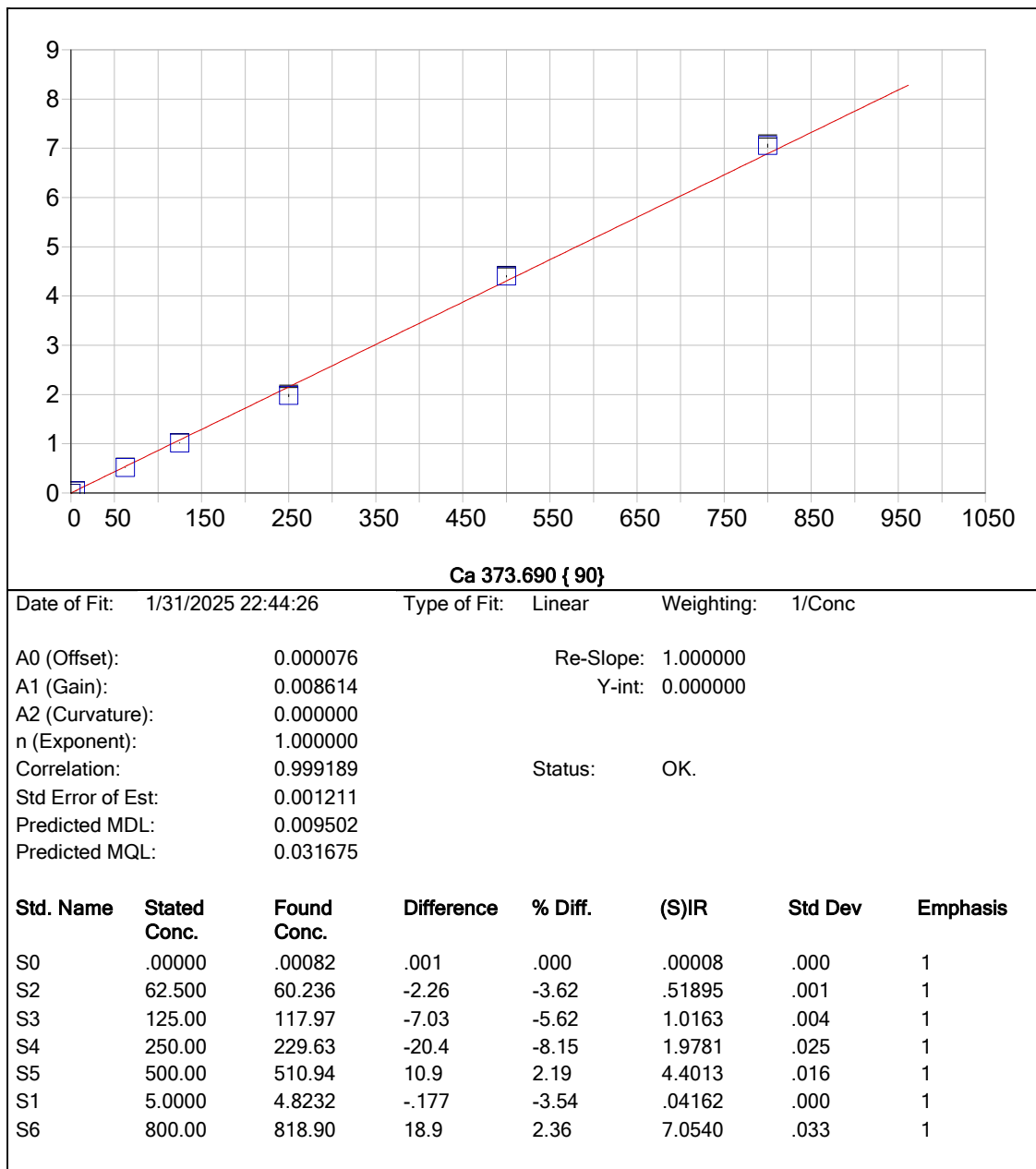


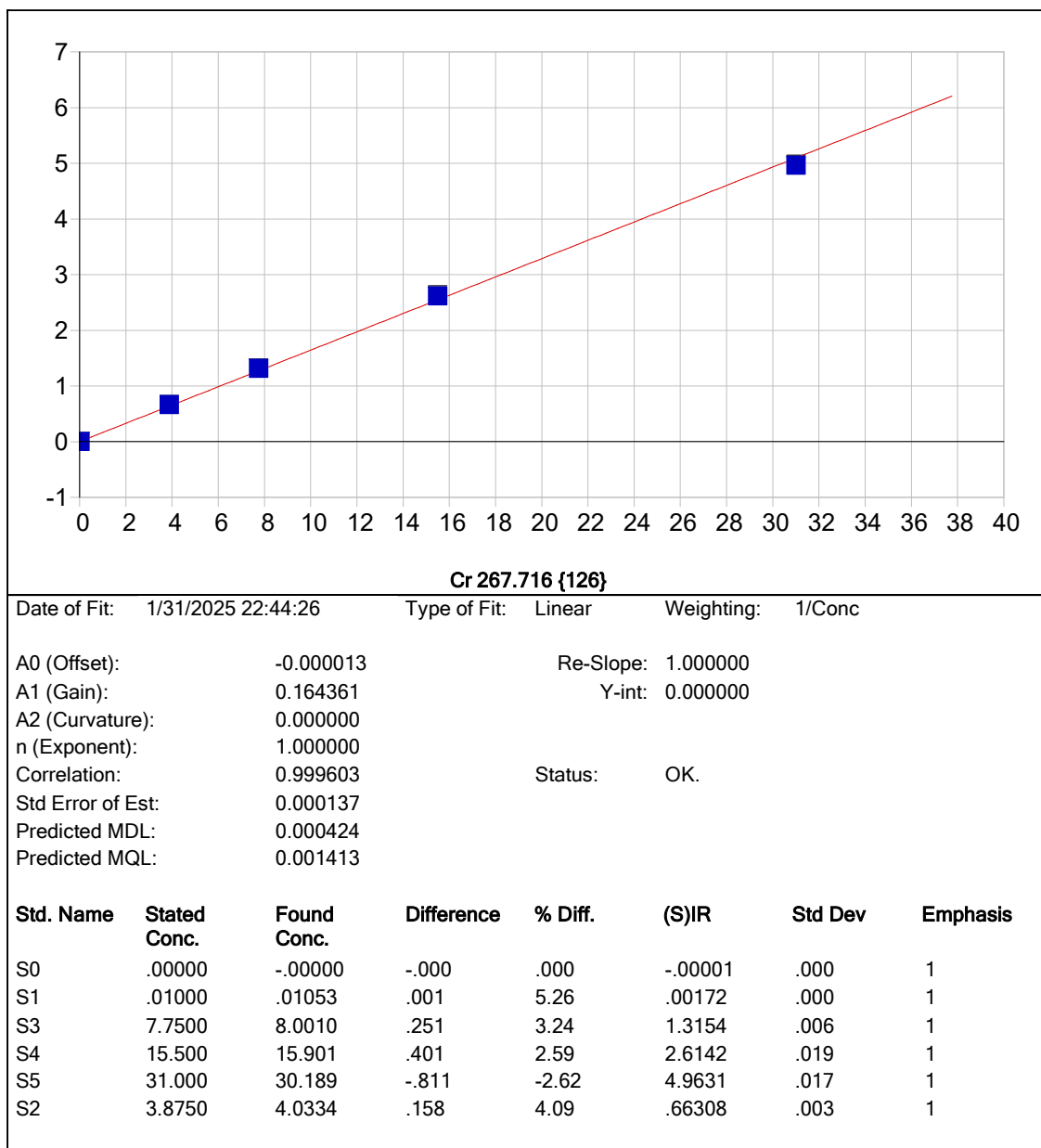


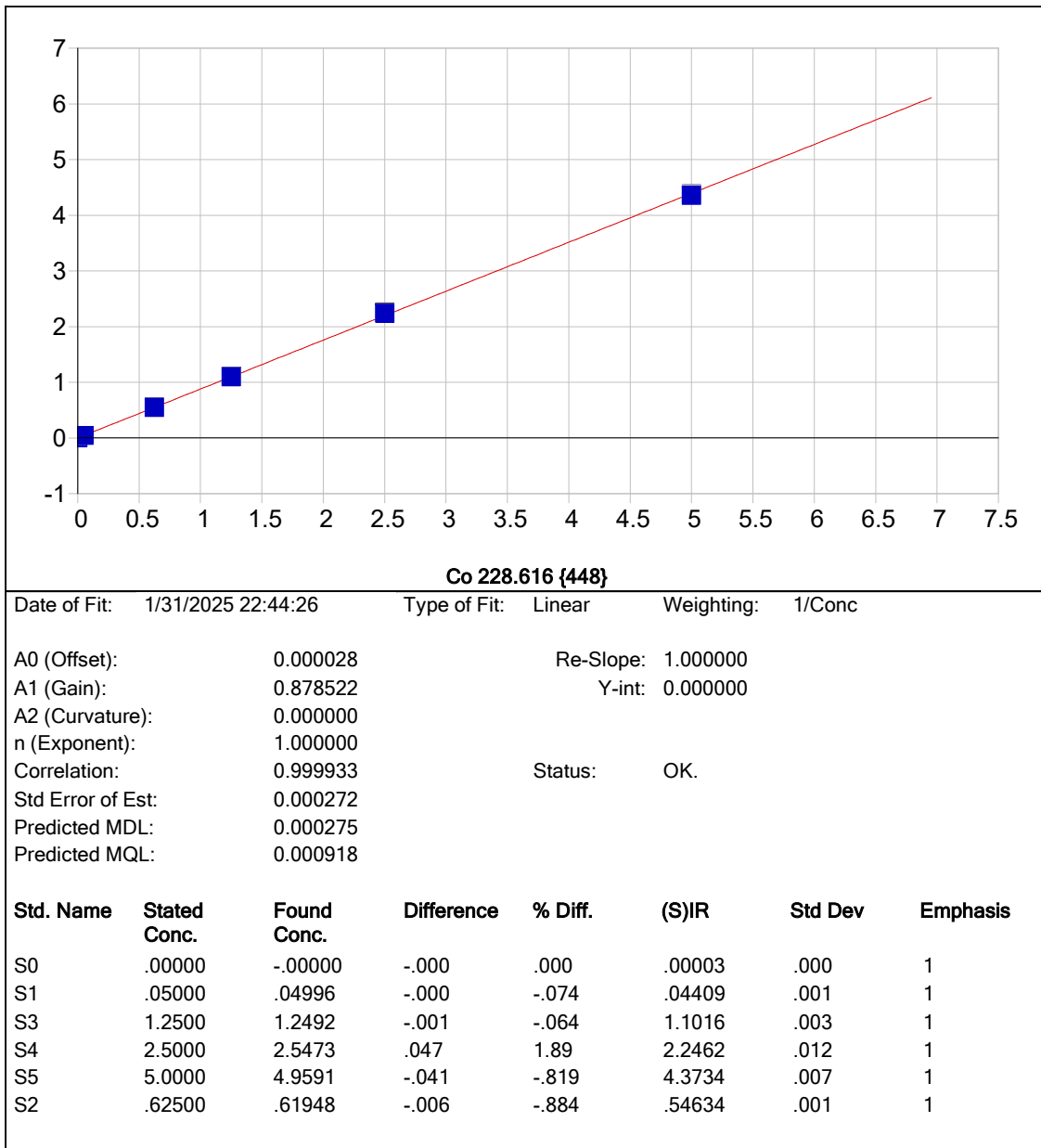


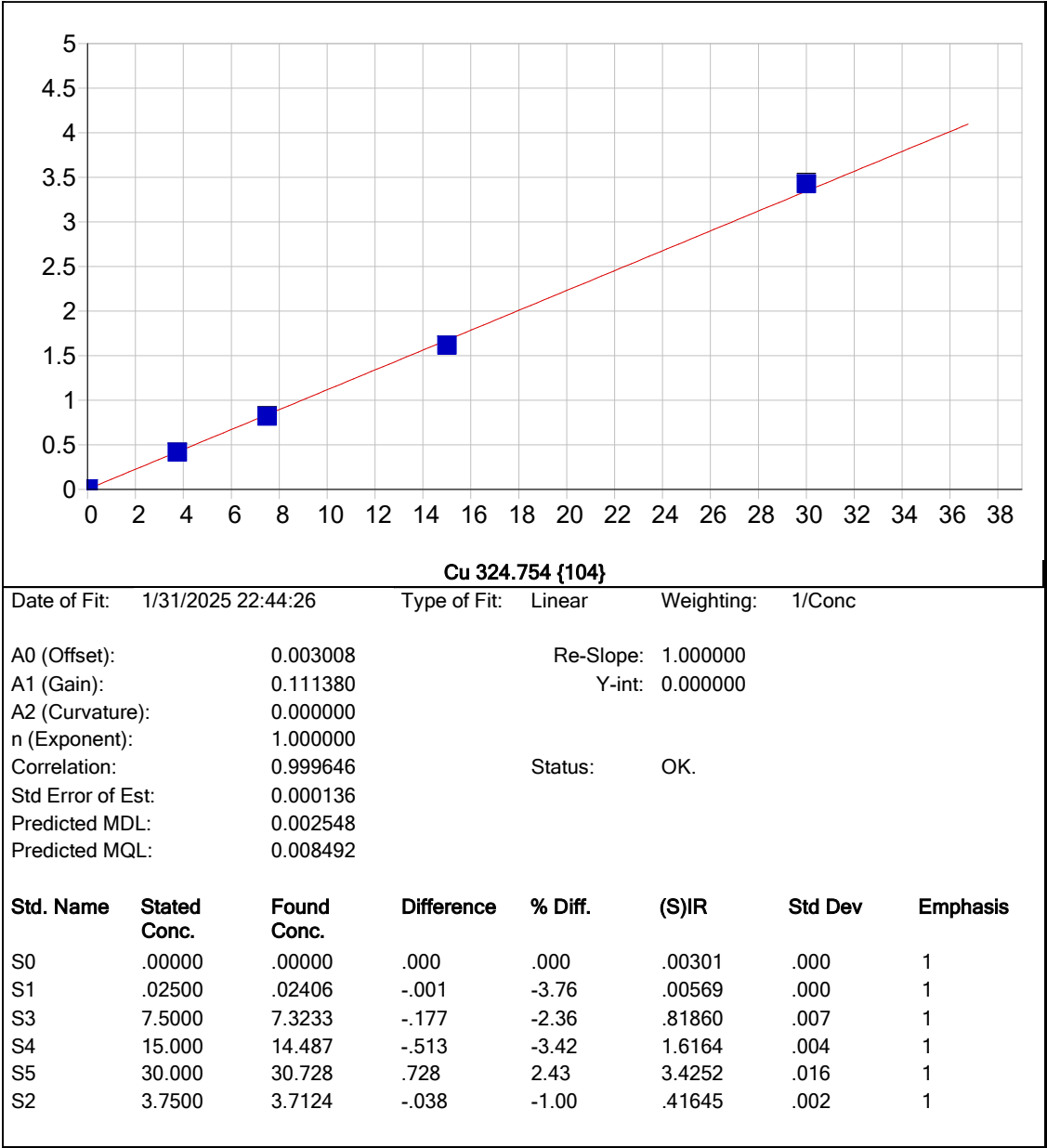


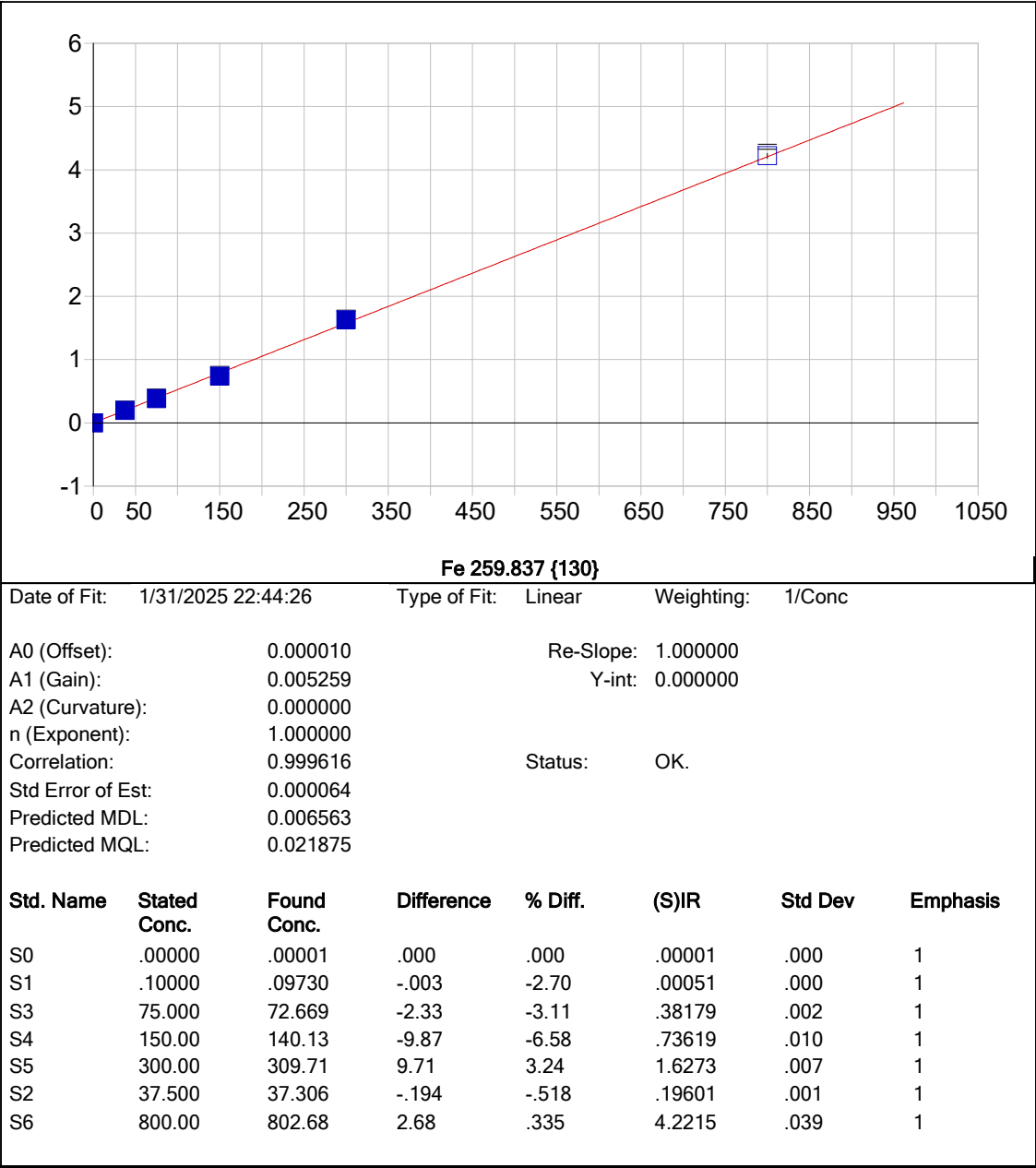


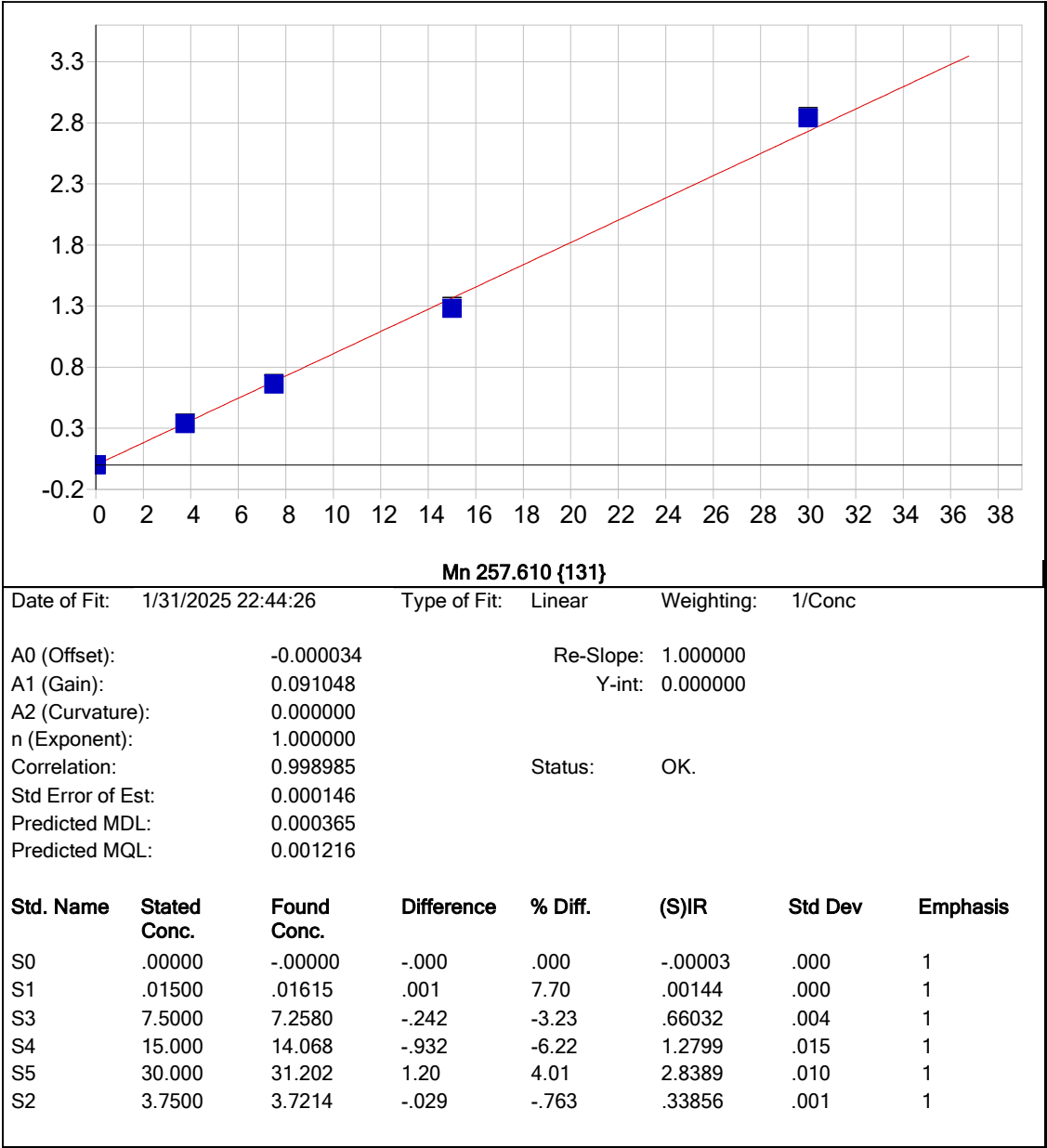


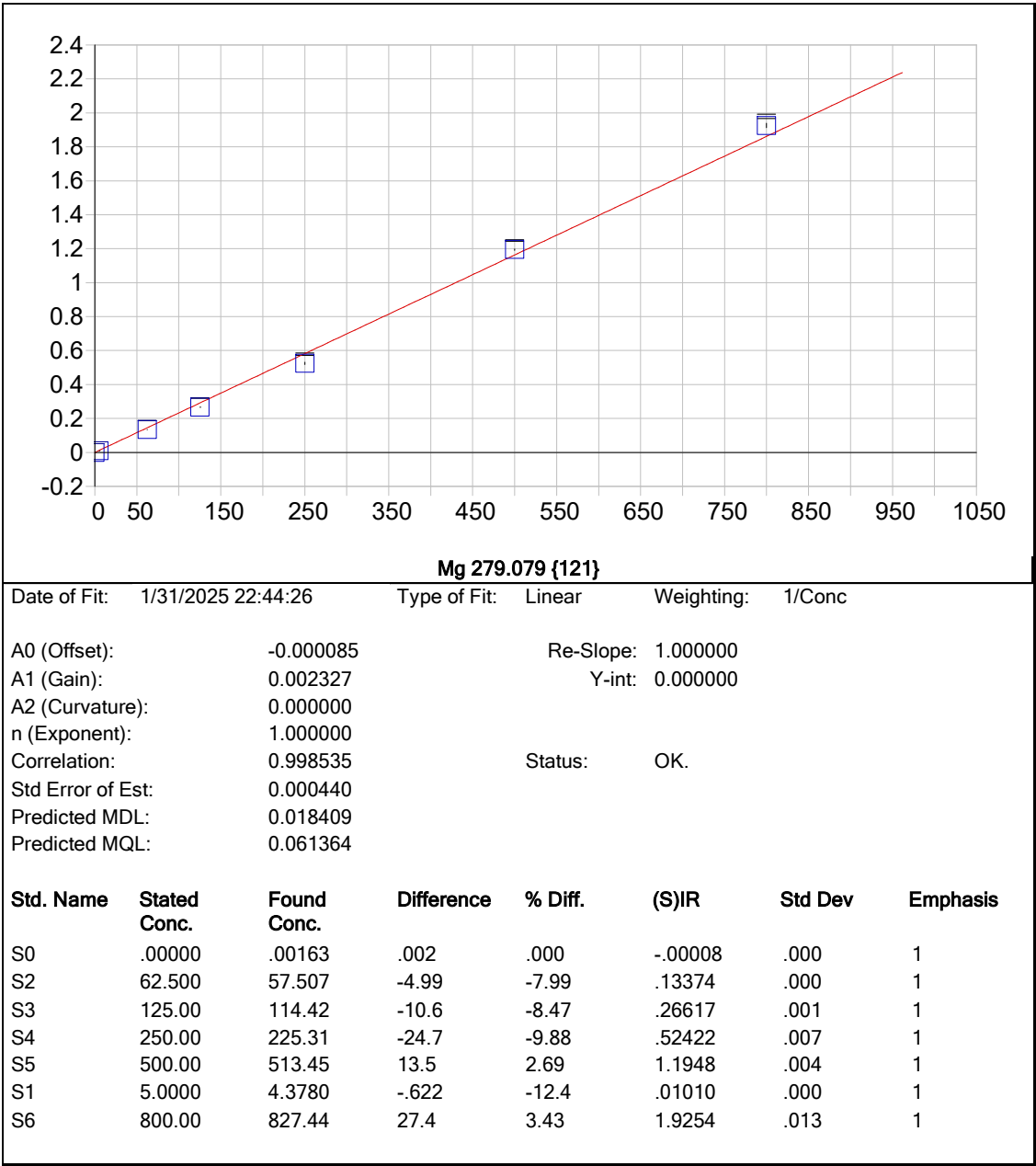


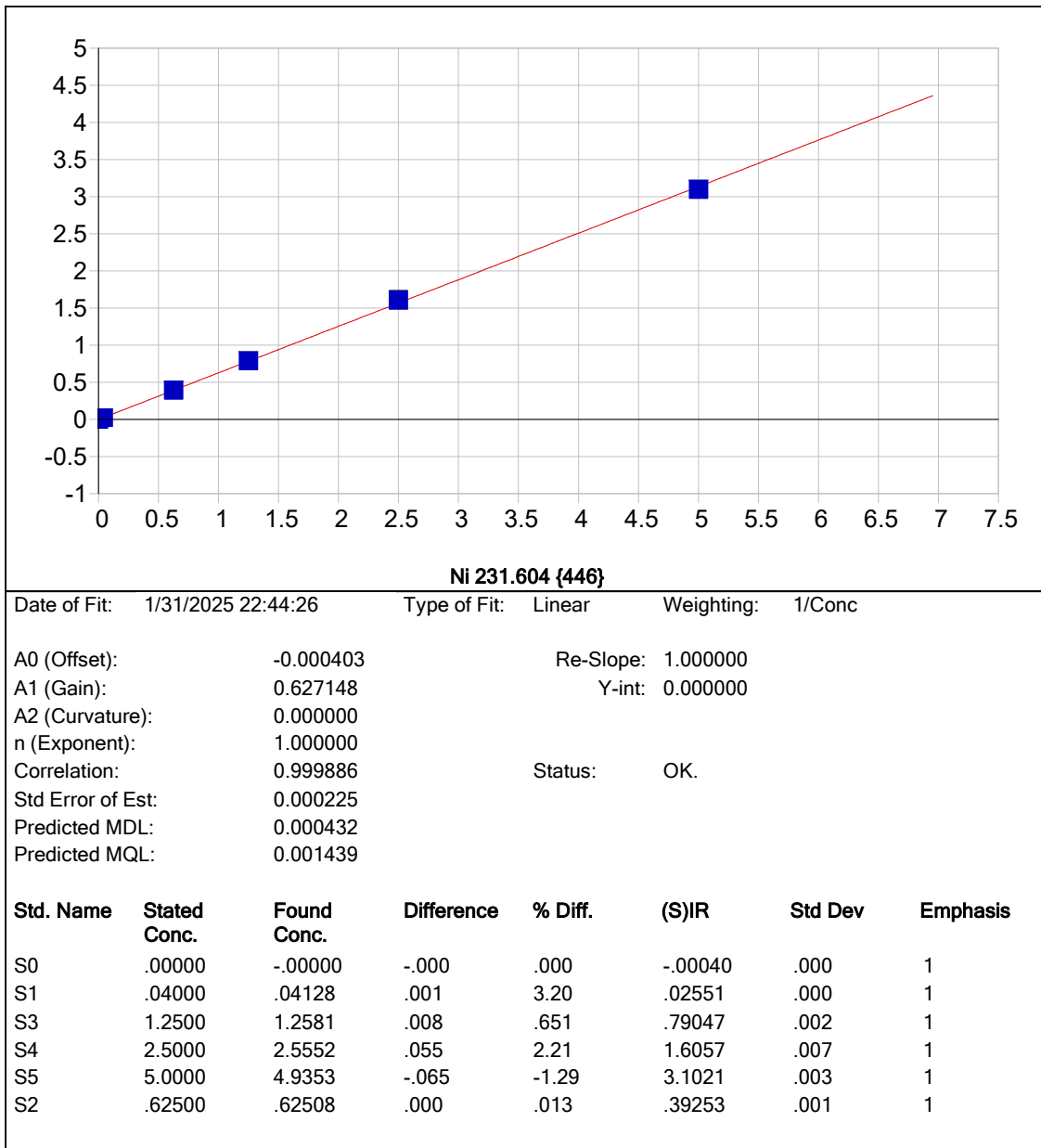


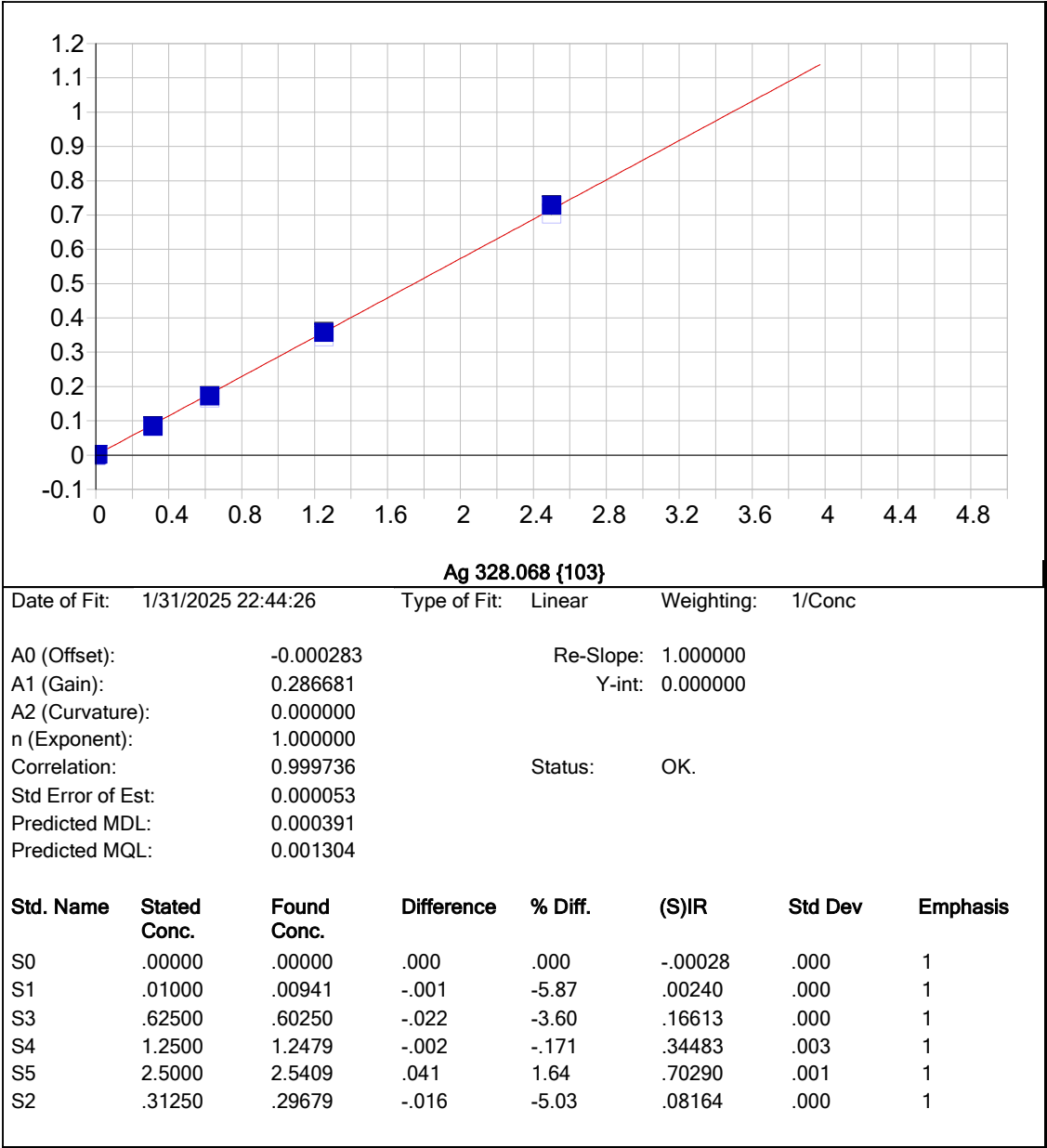


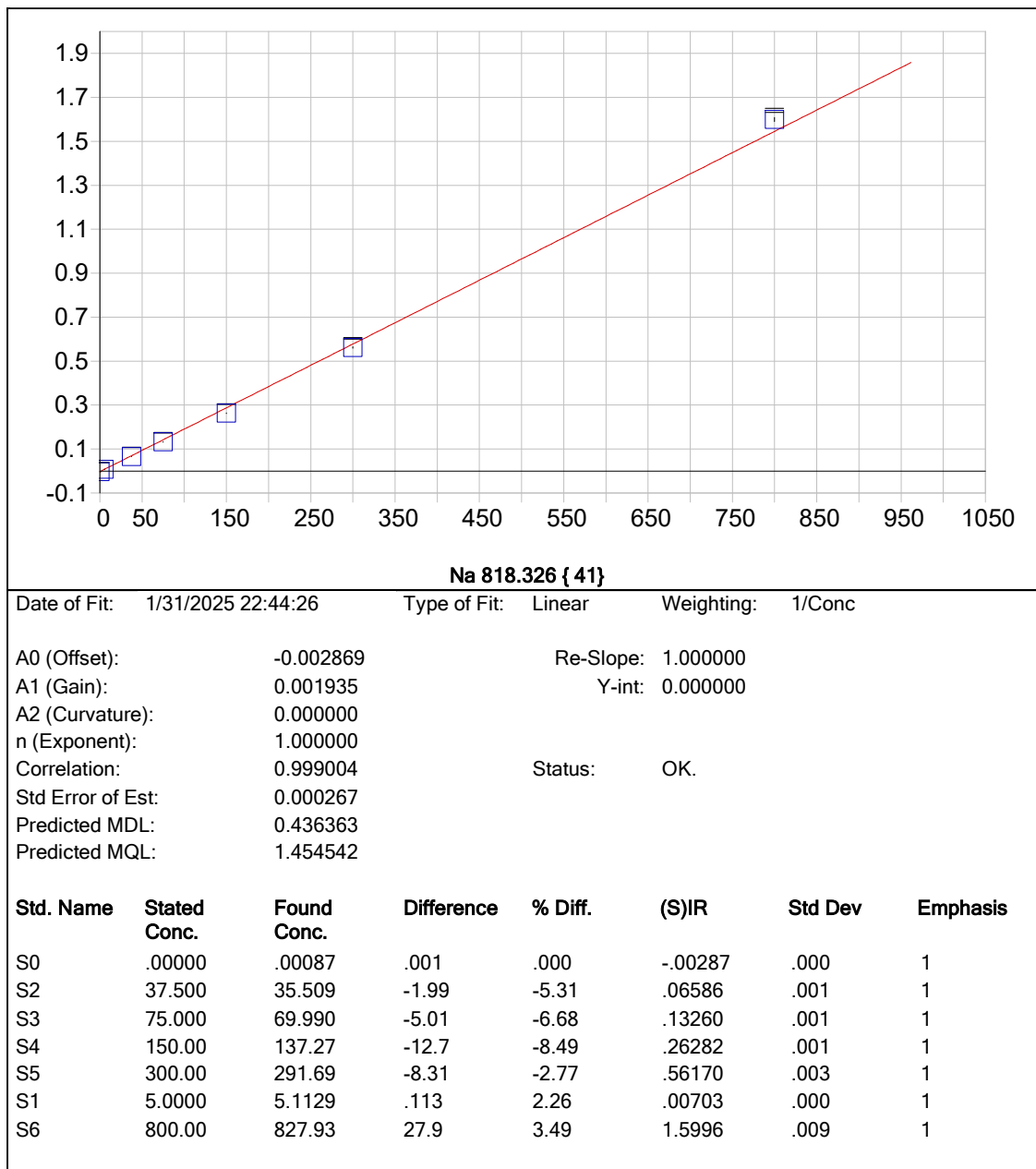


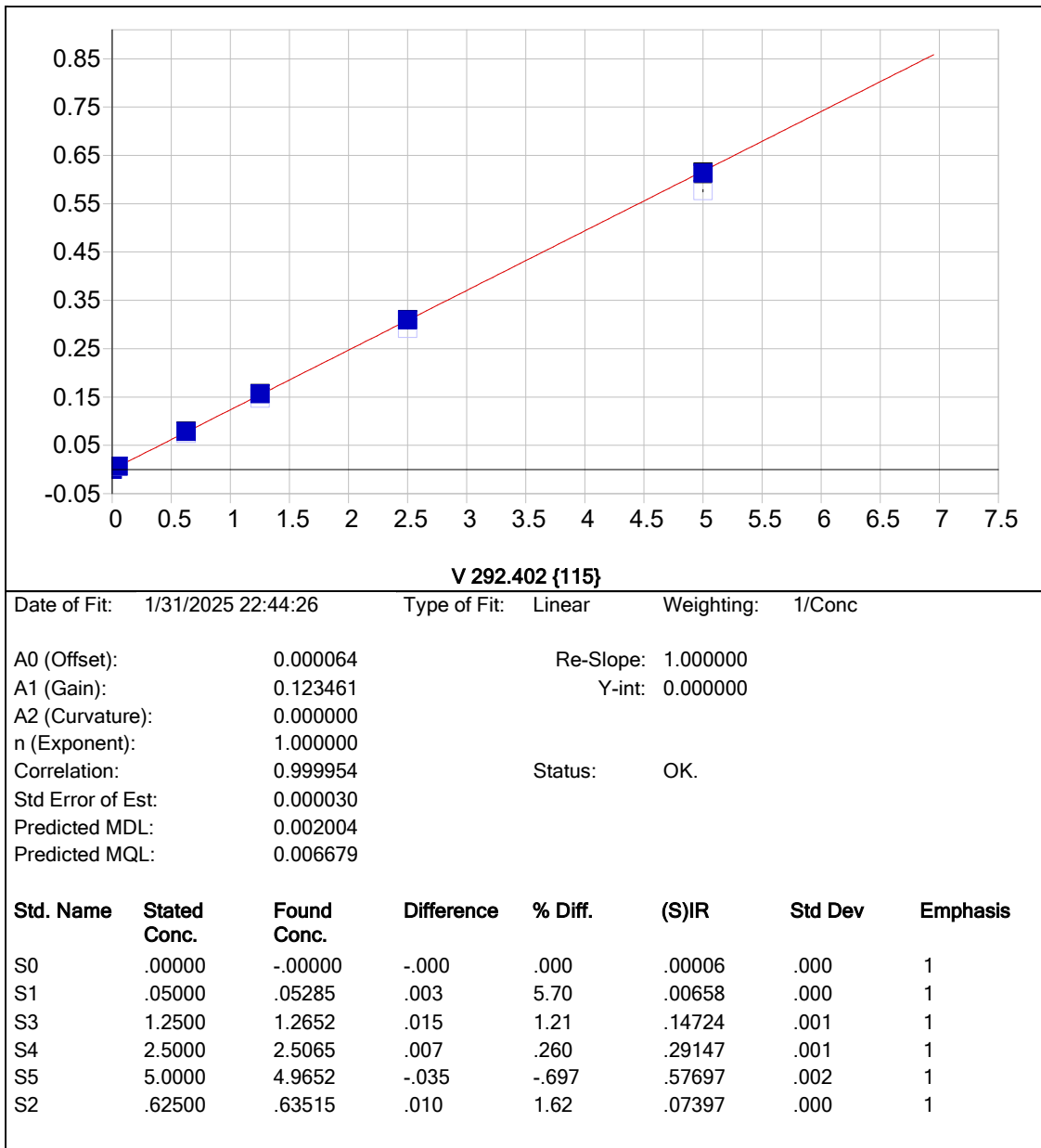


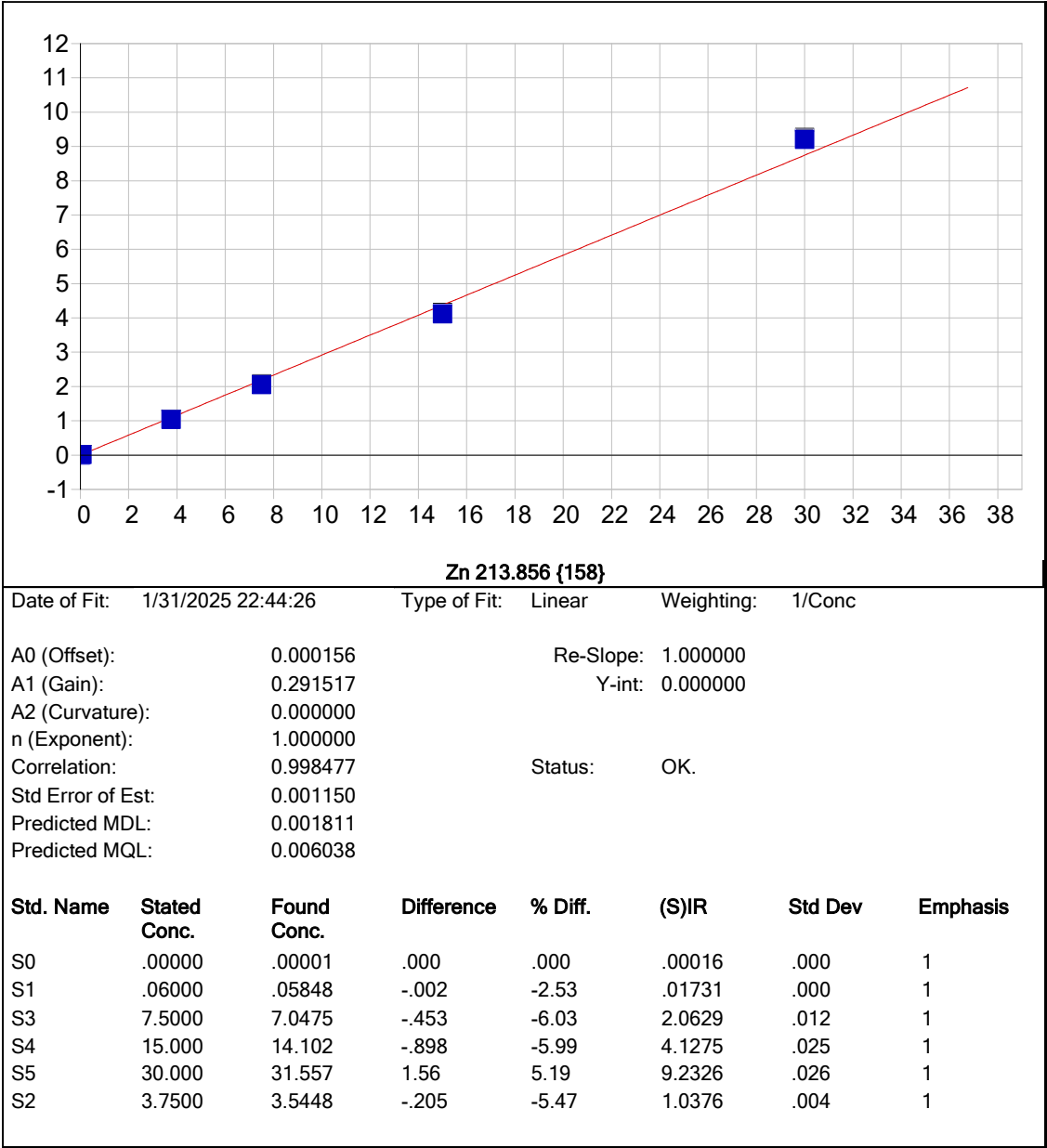


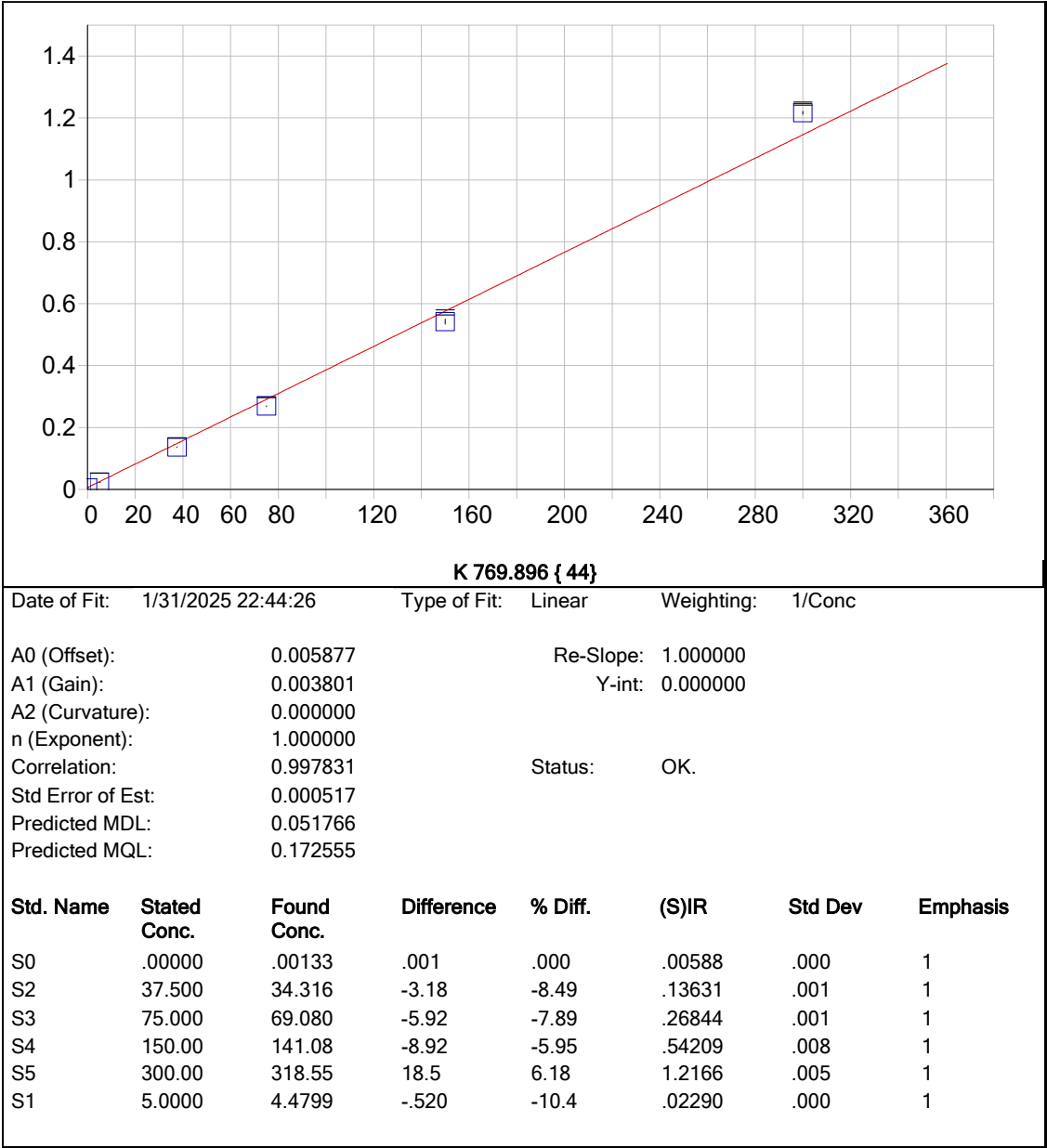


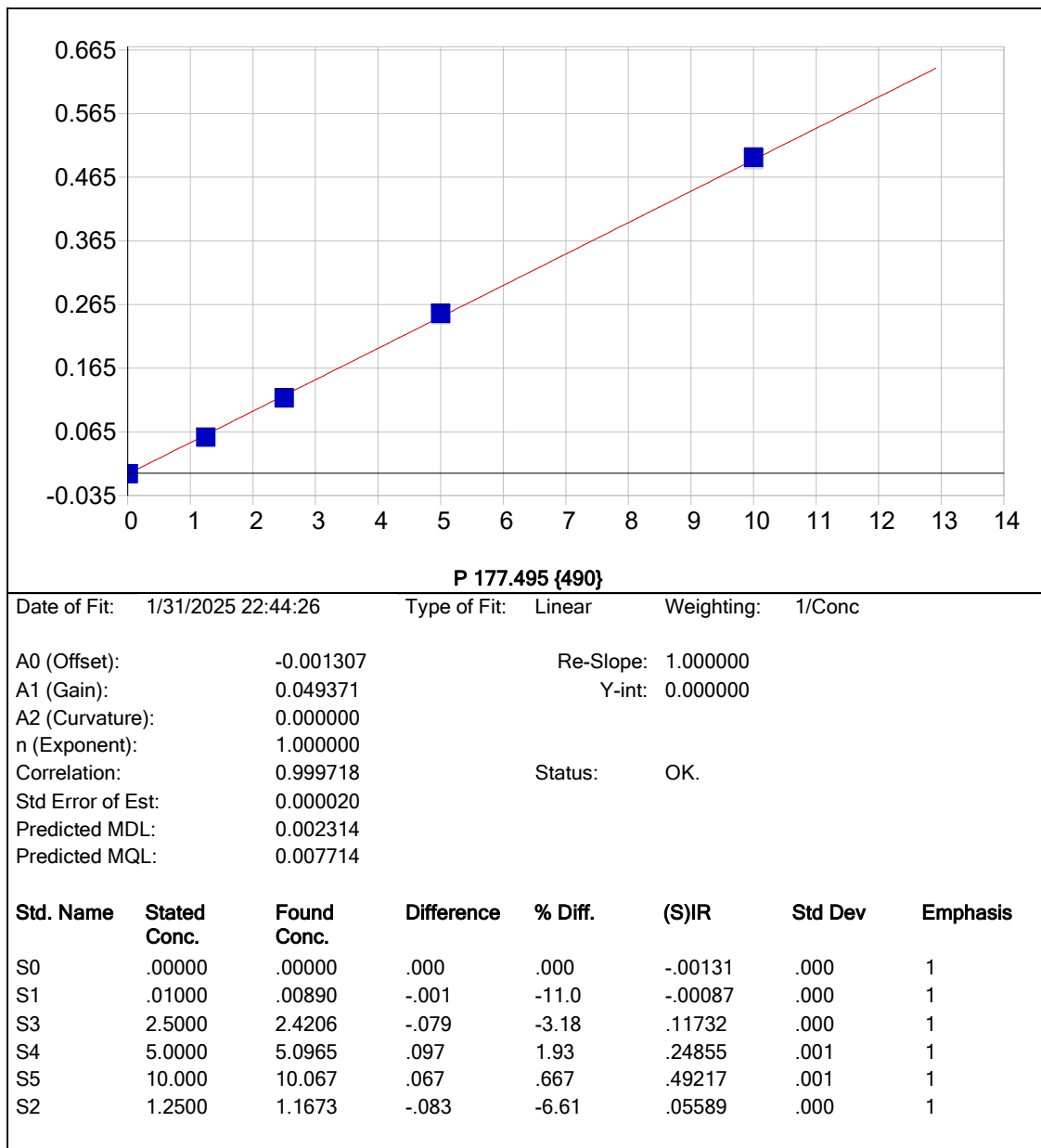


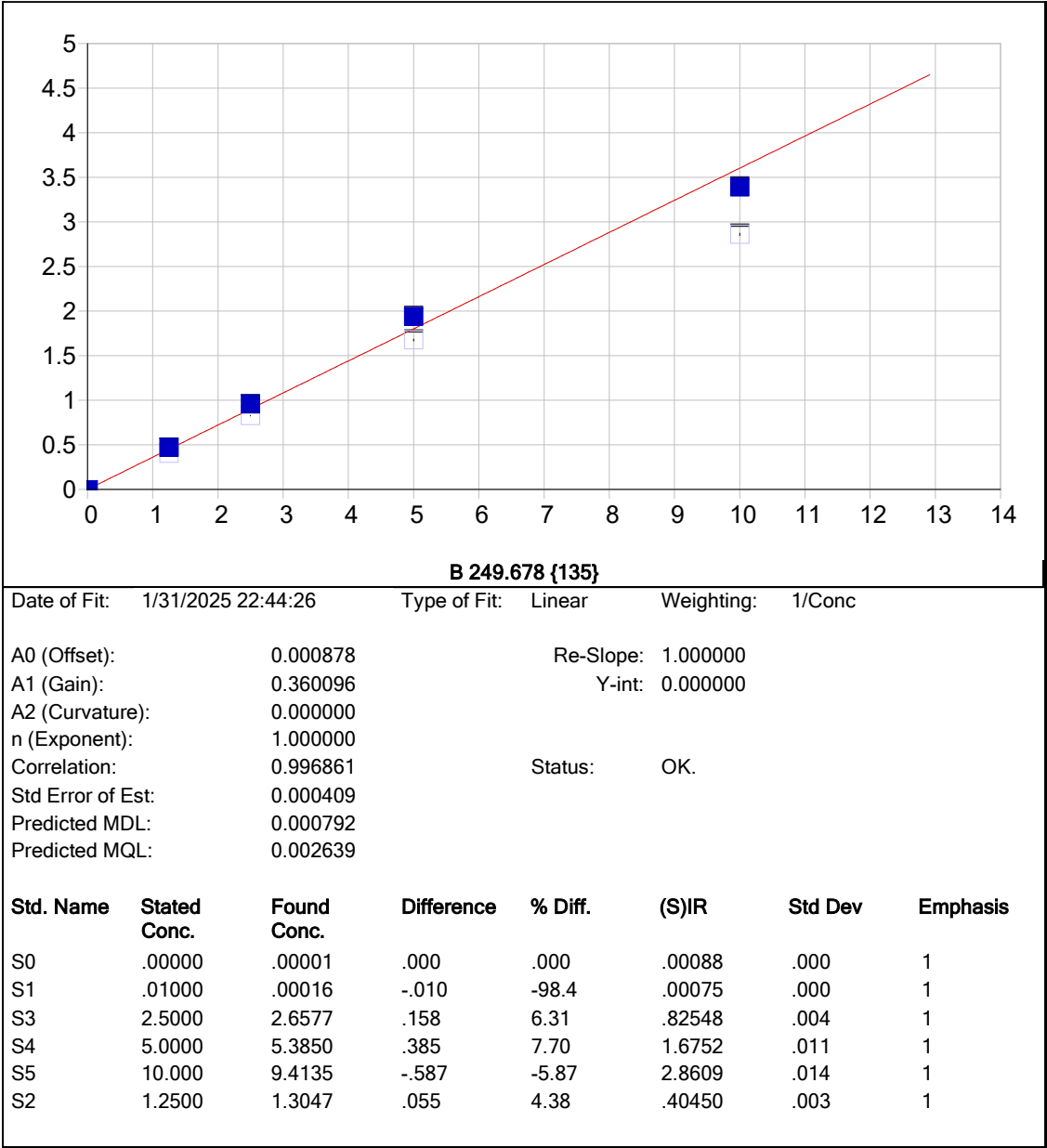


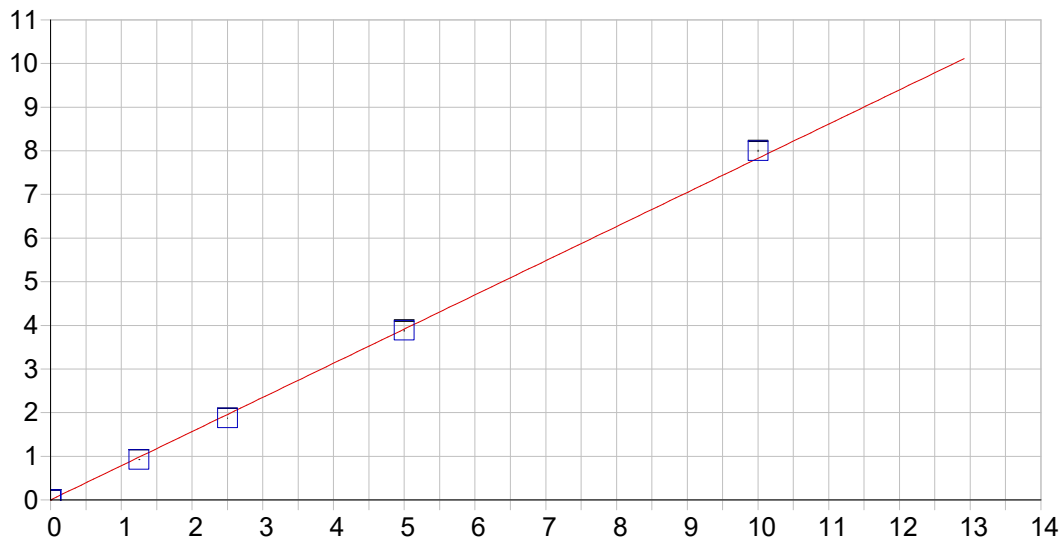










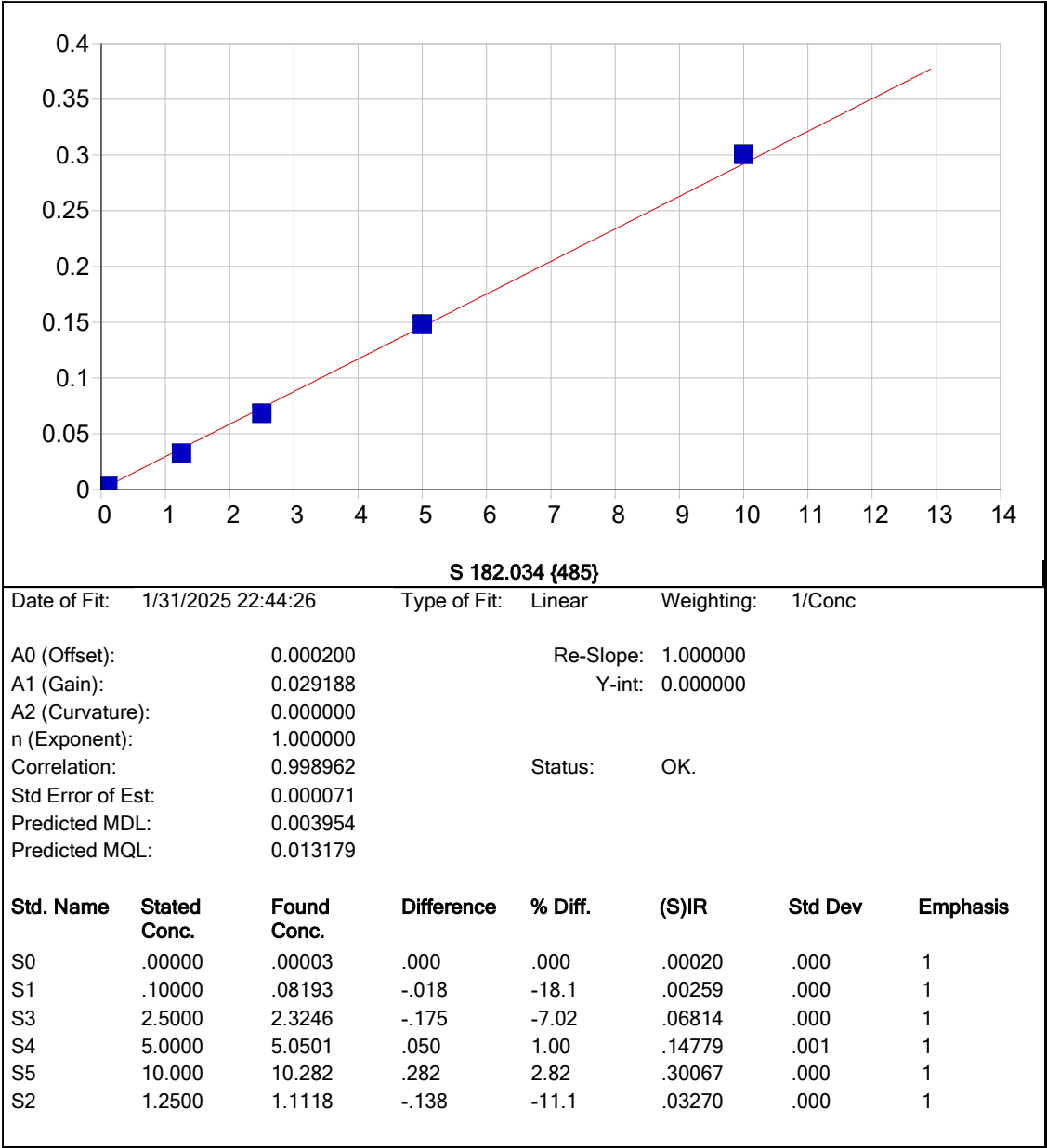


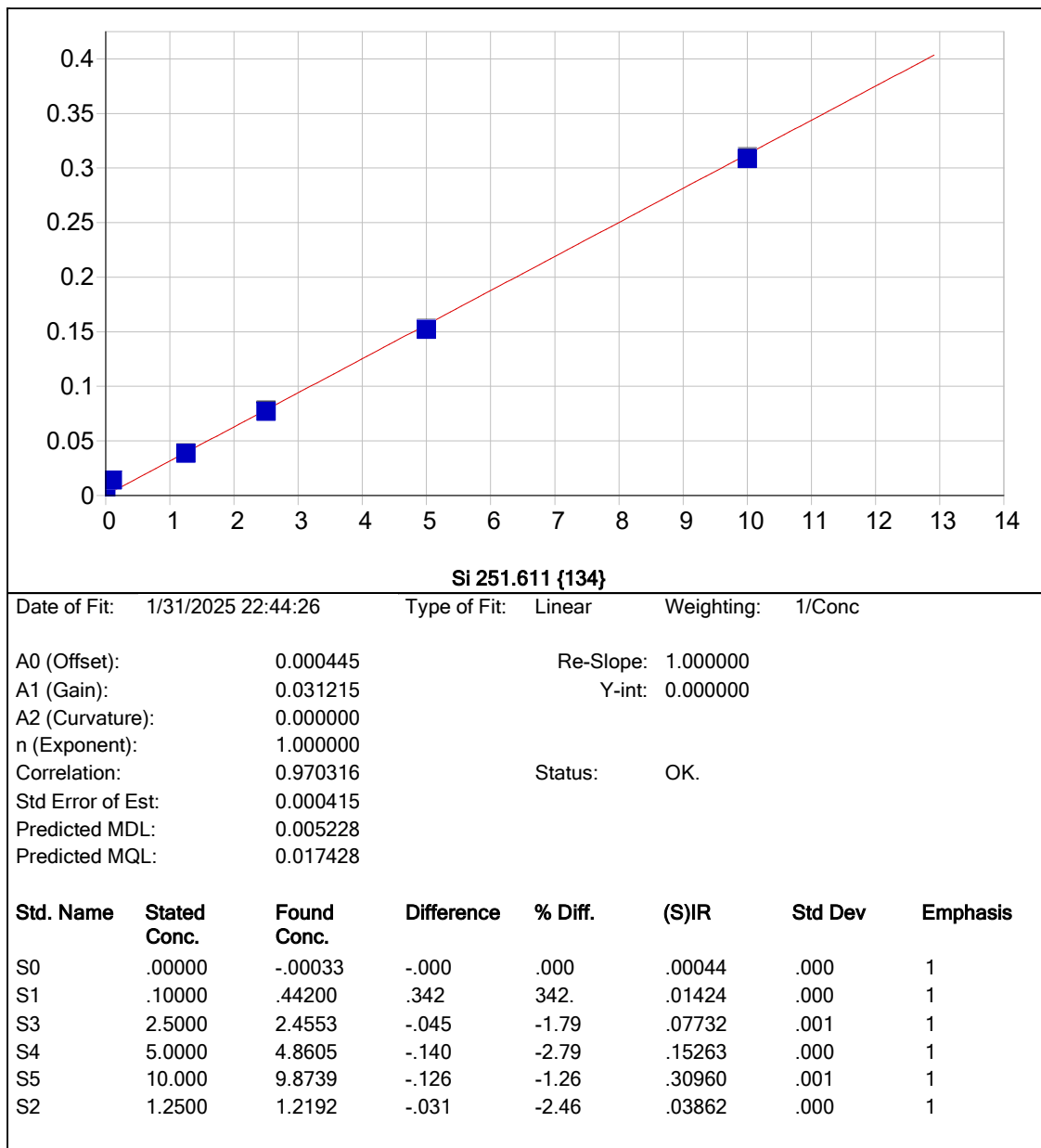
Mo 202.030 {467}

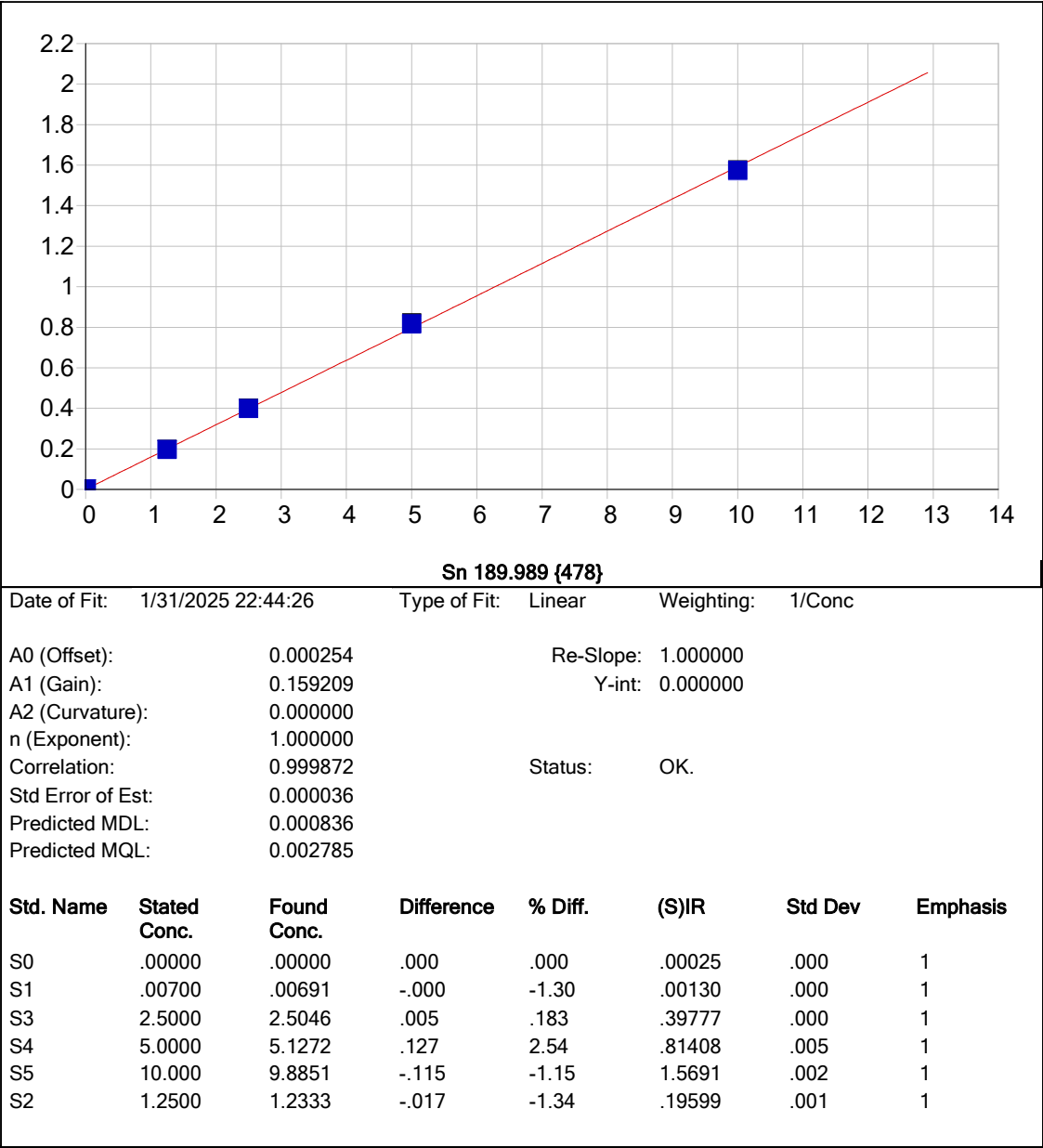
Date of Fit: 1/31/2025 22:44:26 Type of Fit: Linear Weighting: 1/Conc

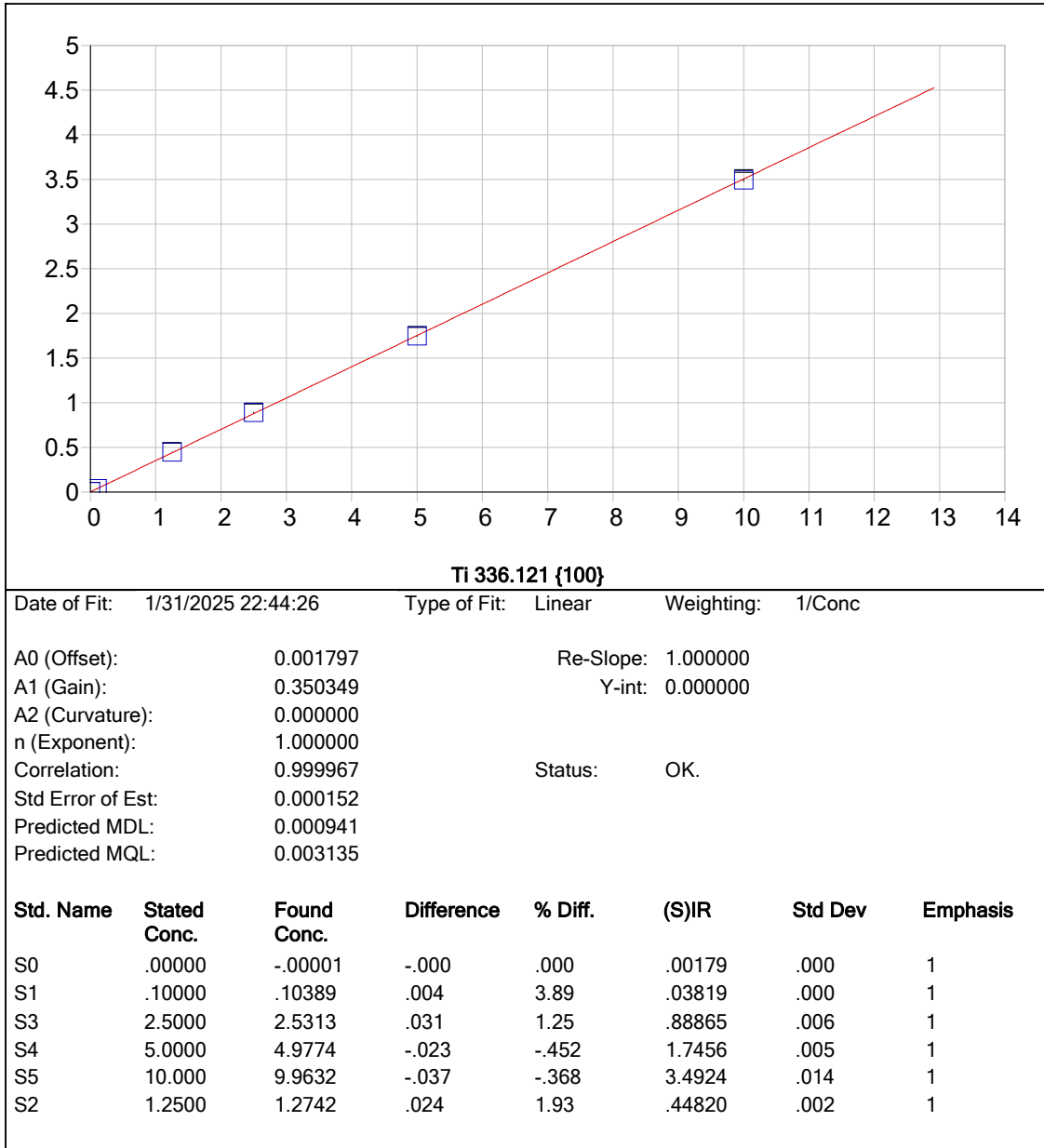
A0 (Offset): 0.000206 Re-Slope: 1.000000
A1 (Gain): 0.782992 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999637 Status: OK.
Std Error of Est: 0.000354
Predicted MDL: 0.000284
Predicted MQL: 0.000947

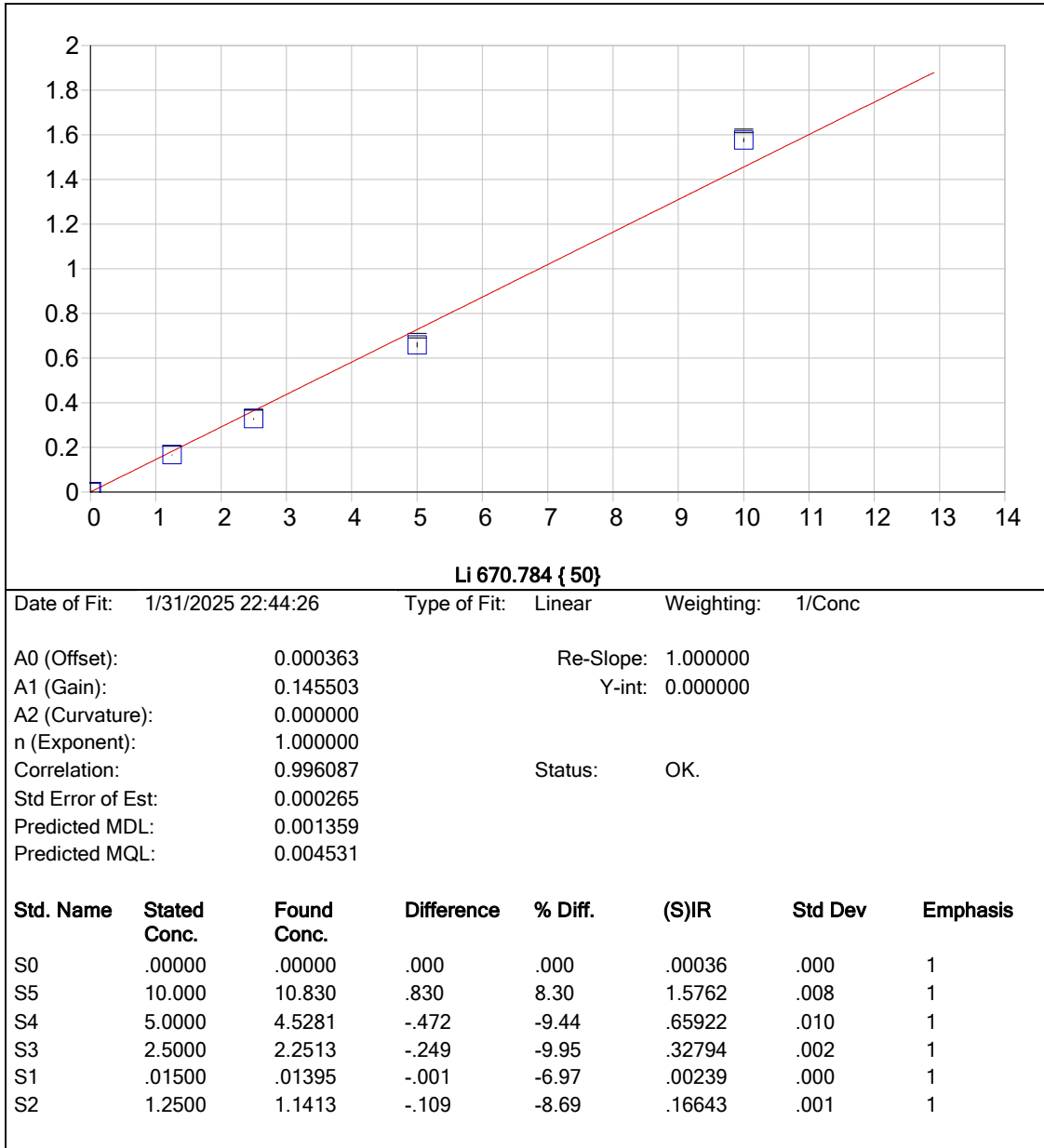
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.01000	.01008	.000	.845	.00810	.000	1
S3	2.5000	2.3927	-.107	-4.29	1.8737	.006	1
S4	5.0000	4.9623	-.038	-.754	3.8856	.018	1
S5	10.000	10.216	.216	2.16	7.9994	.013	1
S2	1.2500	1.1787	-.071	-5.70	.92312	.001	1

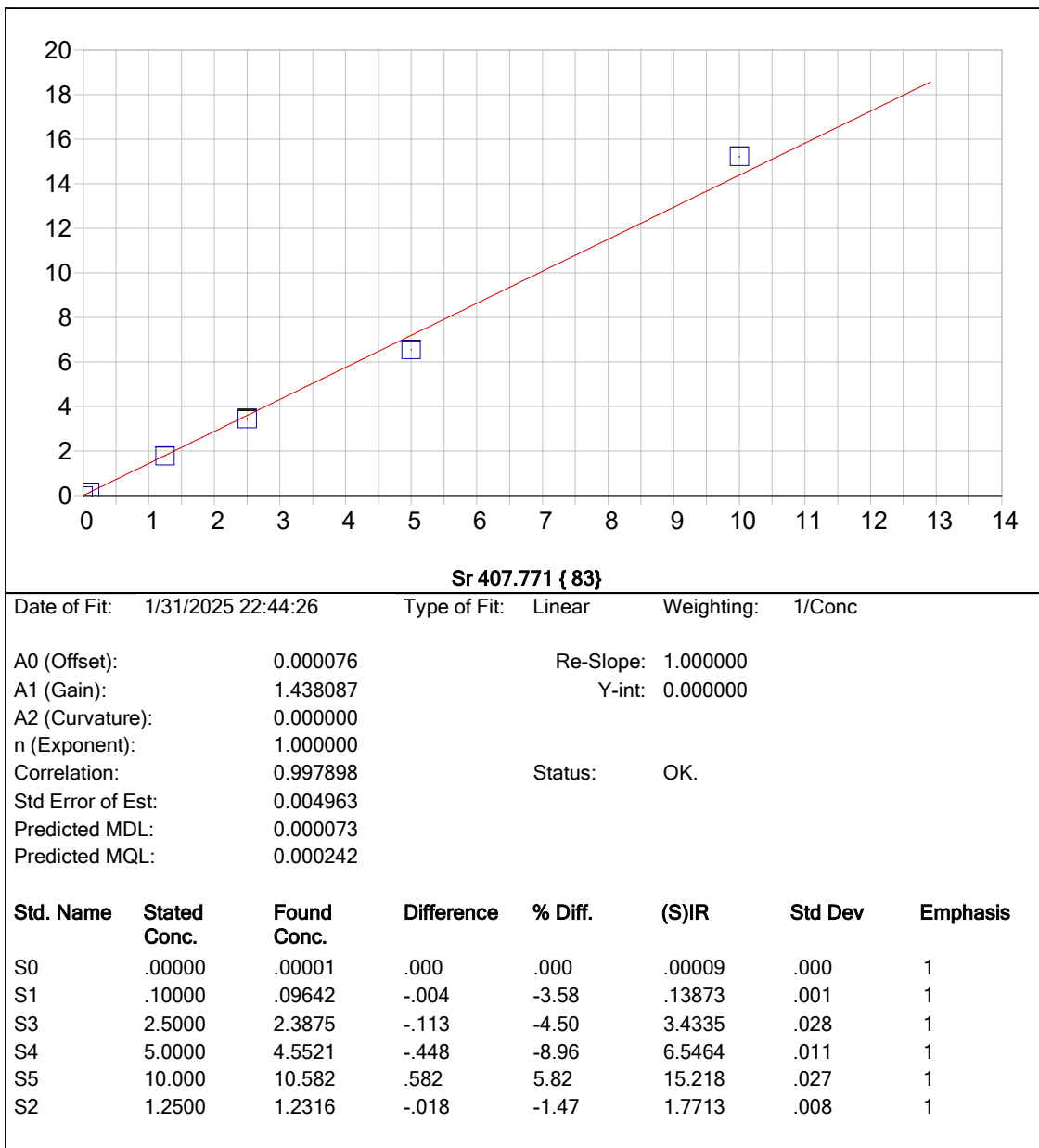


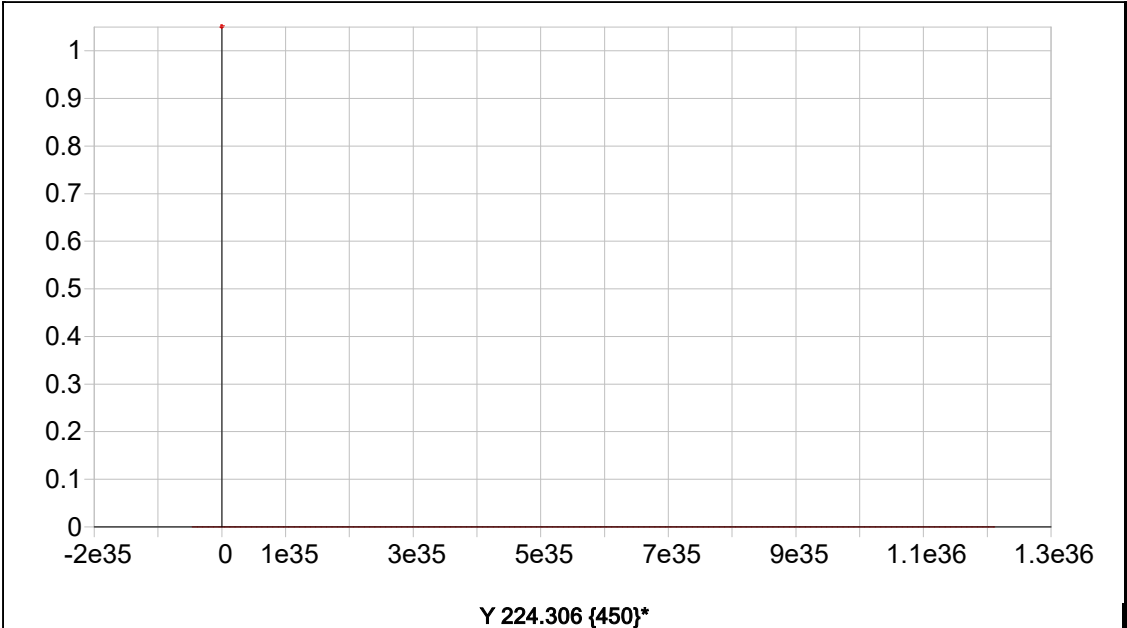






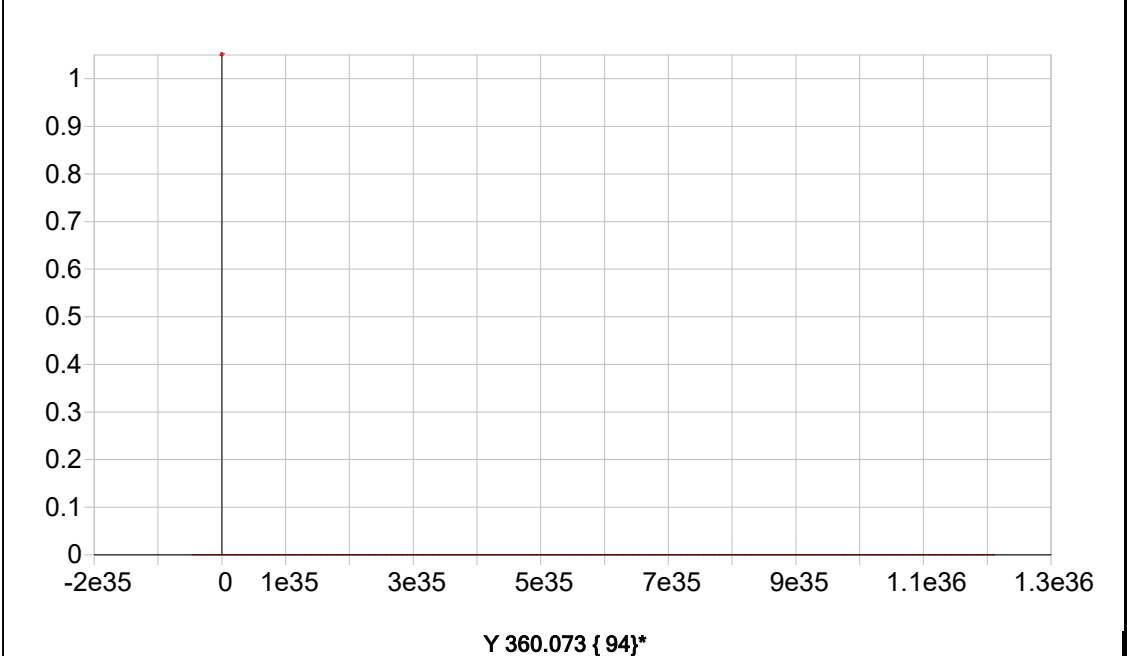






Date of Fit:	1/31/2025 22:44:26	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

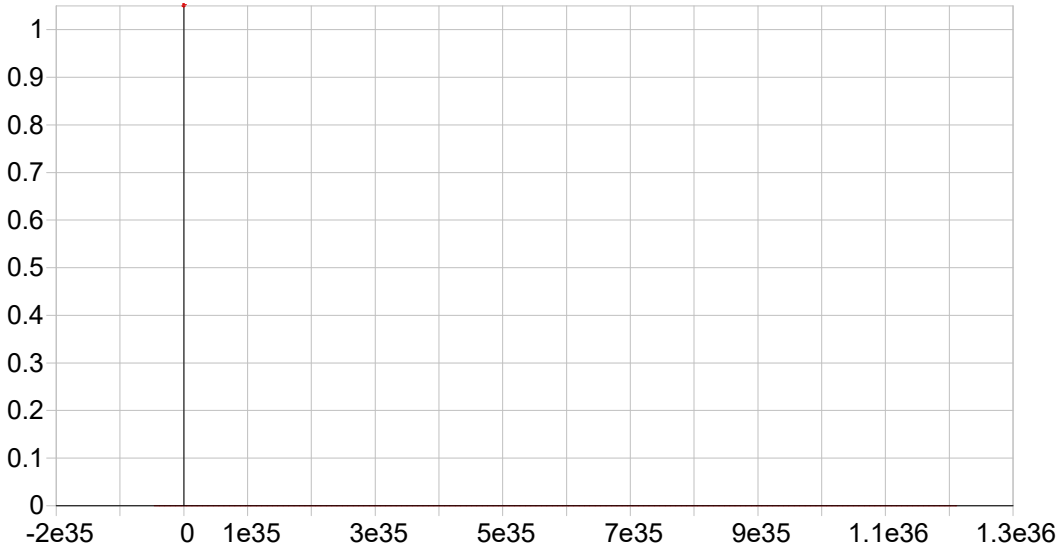
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000	Status:	Warning	Zero Gain			
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						

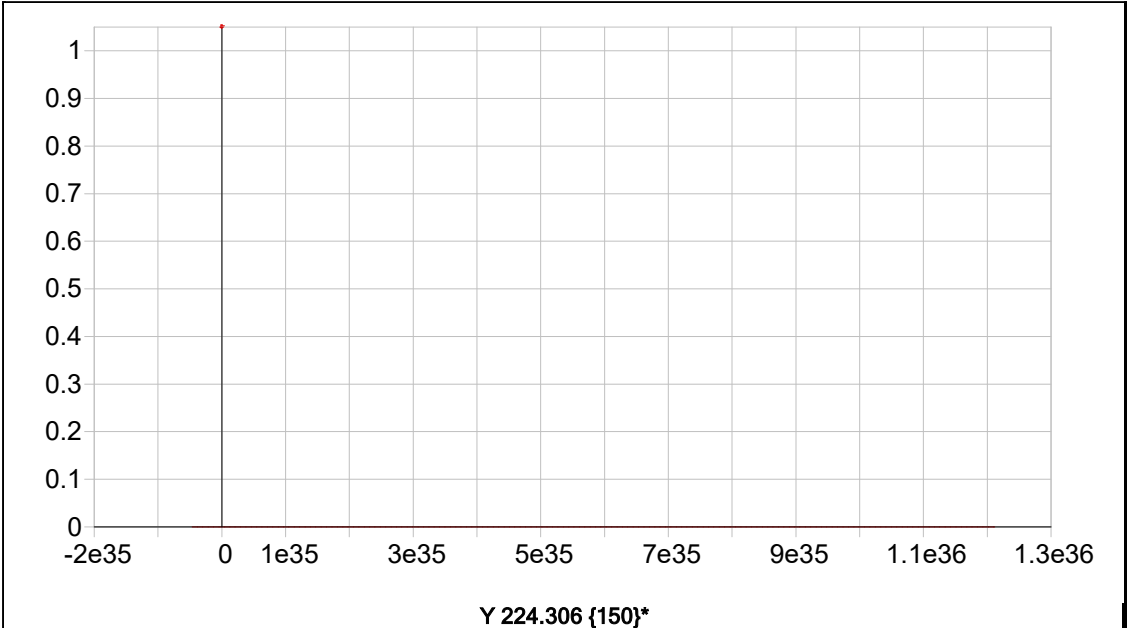
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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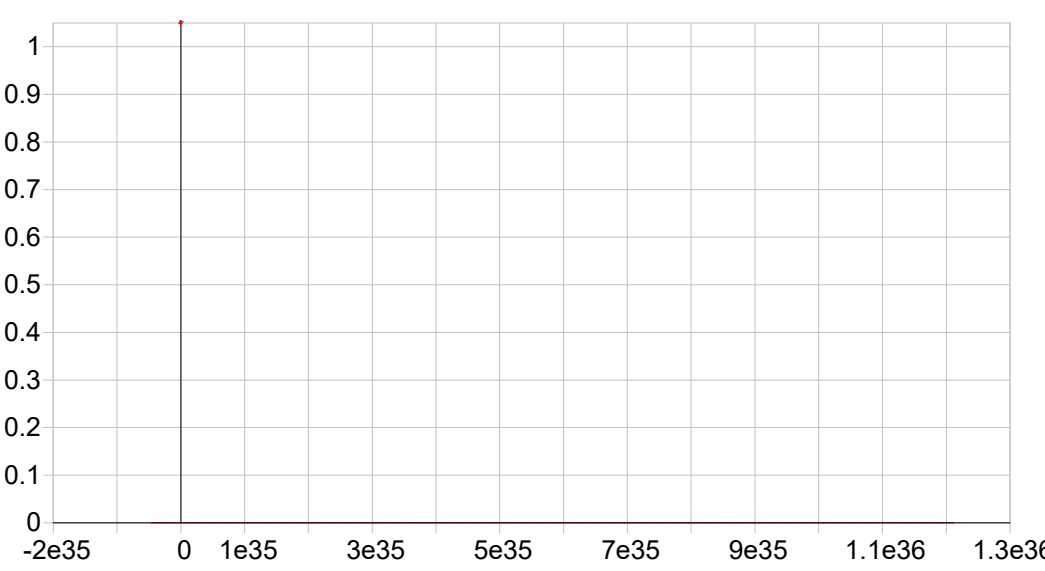
Y 371.030 { 91}*

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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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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		
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
							
ln 230.606 {446}*							
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc		
A0 (Offset):	0.000000	Re-Slope:	1.000000				
A1 (Gain):	0.000000	Y-int:	0.000000				

A2 (Curvature):		0.000000		Status:	Warning	Zero Gain	
n (Exponent):		1.000000					
Correlation:		0.000000					
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: S0 Acquired: 1/31/2025 16:26:48 Type: Cal
Method: EPA SFAM01.0(v60) 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	-.00001	.00010	.00001	.00037	.00015	.00007	.00727	-.00013
Stddev	.00011	.00011	.00012	.00013	.00024	.00005	.00035	.00031
%RSD	1014.5	111.96	1336.7	36.193	164.81	74.716	4.8599	236.05
#1	-.00014	.00001	.00007	.00048	.00011	.00013	.00717	-.00043
#2	.00004	.00022	-.00013	.00022	-.00007	.00005	.00698	.00018
#3	.00007	.00007	.00009	.00041	.00041	.00003	.00767	-.00014
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	-.00007	.00008	-.00001	.00003	.00301	.00001	-.00003	-.00008
Stddev	.00013	.00008	.00004	.00011	.00010	.00002	.00004	.00004
%RSD	172.25	95.116	305.74	382.72	3.3159	187.91	117.42	51.826
#1	.00006	.00014	.00003	.00005	.00297	-.00001	-.00007	-.00013
#2	-.00020	-.00001	-.00003	.00012	.00312	.00003	-.00004	-.00005
#3	-.00008	.00012	-.00004	-.00009	.00293	.00001	.00001	-.00006
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	-.00040	-.00028	-.00287	.00006	.00016	.00588	-.00131	.00088
Stddev	.00010	.00005	.00029	.00014	.00038	.00018	.00005	.00026
%RSD	25.776	17.434	10.170	221.48	239.64	3.0303	3.7108	29.134
#1	-.00052	-.00024	-.00260	.00010	-.00023	.00607	-.00136	.00109
#2	-.00038	-.00027	-.00283	.00018	.00053	.00587	-.00127	.00095
#3	-.00032	-.00034	-.00318	-.00009	.00018	.00571	-.00129	.00060
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00021	.00020	.00044	.00025	.00179	.00036	.00009	
Stddev	.00012	.00005	.00008	.00010	.00012	.00013	.00003	
%RSD	55.777	26.602	18.237	41.187	6.4272	36.601	37.062	
#1	.00033	.00014	.00034	.00021	.00184	.00050	.00008	
#2	.00019	.00024	.00048	.00037	.00188	.00023	.00013	
#3	.00010	.00022	.00048	.00018	.00166	.00035	.00007	

Sample Name: S0 Acquired: 1/31/2025 16:26:48 Type: Cal
Method: EPA SFAM01.0(v60) 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	3400.6	71457.	13593.	2376.4	4176.4
Stddev	2.0	50.	49.	9.1	7.7
%RSD	.05985	.07008	.35692	.38178	.18506
#1	3400.3	71469.	13564.	2370.0	4176.4
#2	3402.7	71500.	13649.	2386.8	4184.1
#3	3398.7	71402.	13565.	2372.4	4168.7

Sample Name: S1 Acquired: 1/31/2025 16:31:04 Type: Cal
Method: EPA SFAM01.0(v60) 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	.00051	.00148	.00218	.00241	.00826	.00243	.08791	.01862
Stddev	.00008	.00010	.00021	.00019	.00013	.00009	.00036	.00011
%RSD	15.594	6.5160	9.8476	7.7092	1.5722	3.7844	.40967	.60656
#1	.00043	.00142	.00224	.00244	.00816	.00232	.08751	.01857
#2	.00058	.00144	.00194	.00221	.00840	.00247	.08821	.01875
#3	.00052	.00160	.00235	.00257	.00820	.00249	.08802	.01854
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	.01383	.04162	.00172	.04409	.00569	.00051	.00144	.01010
Stddev	.00019	.00011	.00002	.00058	.00036	.00003	.00003	.00003
%RSD	1.3568	.27568	1.3017	1.3177	6.3629	4.9383	1.8392	.29009
#1	.01367	.04155	.00169	.04343	.00561	.00049	.00146	.01011
#2	.01379	.04176	.00174	.04452	.00608	.00054	.00144	.01013
#3	.01404	.04156	.00172	.04431	.00537	.00050	.00141	.01007
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	.02551	.00240	.00703	.00658	.01731	.02290	-.00087	.00075
Stddev	.00025	.00004	.00014	.00020	.00038	.00011	.00004	.00019
%RSD	.98612	1.7137	1.9712	3.0203	2.1866	.46873	4.9768	25.097
#1	.02536	.00236	.00692	.00640	.01699	.02288	-.00092	.00087
#2	.02580	.00244	.00697	.00679	.01720	.02302	-.00086	.00085
#3	.02538	.00239	.00718	.00654	.01773	.02281	-.00083	.00053
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00810	.00259	.01424	.00130	.03819	.00239	.13873	
Stddev	.00018	.00002	.00016	.00006	.00017	.00022	.00075	
%RSD	2.2311	.78538	1.1328	4.6778	.43587	9.3462	.54266	
#1	.00792	.00260	.01431	.00133	.03838	.00238	.13810	
#2	.00828	.00261	.01406	.00123	.03809	.00218	.13956	
#3	.00810	.00257	.01436	.00135	.03810	.00262	.13854	

Sample Name: S1 Acquired: 1/31/2025 16:31:04 Type: Cal
Method: EPA SFAM01.0(v60) 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	3399.7	71055.	13733.	2402.1	4115.8
Stddev	36.3	97.	59.	5.0	44.6
%RSD	1.0673	.13639	.43248	.20836	1.0845
#1	3441.2	71008.	13684.	2407.8	4165.6
#2	3374.1	70991.	13799.	2399.1	4079.4
#3	3383.8	71167.	13716.	2399.2	4102.3

Sample Name: S2 Acquired: 1/31/2025 16:35:19 Type: Cal
Method: EPA SFAM01.0(v60) 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	.07184	.06693	1.4850	.07804	.16713	.44243	1.0173	.45860
Stddev	.00019	.00022	.0042	.00024	.00040	.00216	.0040	.00258
%RSD	.26557	.32537	.28491	.30625	.24009	.48738	.39489	.56163

#1	.07182	.06699	1.4809	.07831	.16735	.44264	1.0165	.46061
#2	.07204	.06669	1.4846	.07785	.16667	.44447	1.0217	.45570
#3	.07166	.06711	1.4894	.07797	.16737	.44017	1.0138	.45949

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7131	.51895	.66308	.54634	.41645	.19601	.33856	.13374
Stddev	.0033	.00133	.00294	.00091	.00176	.00082	.00067	.00025
%RSD	.19363	.25535	.44379	.16657	.42175	.42074	.19850	.18438

#1	1.7097	.51883	.66432	.54565	.41762	.19596	.33873	.13382
#2	1.7132	.52032	.66519	.54600	.41443	.19686	.33913	.13394
#3	1.7163	.51768	.65972	.54737	.41730	.19521	.33781	.13346

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	.39253	.08164	.06586	.07397	1.0376	.13631	.05589	.40450
Stddev	.00055	.00020	.00075	.00045	.0035	.00063	.00022	.00322
%RSD	.14034	.24719	1.1355	.60695	.33876	.46031	.38906	.79671

#1	.39196	.08155	.06580	.07386	1.0379	.13649	.05567	.40494
#2	.39258	.08188	.06514	.07358	1.0410	.13682	.05589	.40108
#3	.39306	.08151	.06664	.07446	1.0340	.13561	.05610	.40748

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.92312	.03270	.03862	.19599	.44820	.16643	1.7713	
Stddev	.00140	.00020	.00021	.00053	.00213	.00083	.0082	
%RSD	.15207	.60471	.53097	.27052	.47568	.49642	.46376	

#1	.92414	.03250	.03875	.19565	.44820	.16642	1.7703	
#2	.92151	.03270	.03838	.19572	.44607	.16726	1.7799	
#3	.92370	.03290	.03873	.19660	.45034	.16561	1.7636	

Sample Name: S2 Acquired: 1/31/2025 16:35:19 Type: Cal
Method: EPA SFAM01.0(v60) 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	3267.2	67374.	13395.	2284.5	3777.0
Stddev	9.5	231.	74.	8.8	6.3
%RSD	.29219	.34249	.55176	.38679	.16697
#1	3257.3	67292.	13362.	2281.2	3774.2
#2	3276.3	67196.	13479.	2277.9	3784.2
#3	3267.8	67635.	13343.	2294.6	3772.6

Sample Name: S3 Acquired: 1/31/2025 16:39:17 Type: Cal
Method: EPA SFAM01.0(v60) 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	.14860	.13180	2.9912	.15827	.34460	.88070	1.9777	.94127
Stddev	.00064	.00024	.0058	.00102	.00147	.00386	.0124	.00503
%RSD	.43257	.18329	.19312	.64401	.42697	.43858	.62640	.53472

#1	.14809	.13161	2.9879	.15762	.34439	.88469	1.9909	.94692
#2	.14839	.13207	2.9879	.15773	.34324	.87698	1.9663	.93966
#3	.14932	.13171	2.9979	.15944	.34616	.88041	1.9758	.93725

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	3.4488	1.0163	1.3154	1.1016	.81860	.38179	.66032	.26617
Stddev	.0003	.0043	.0064	.0032	.00668	.00153	.00444	.00070
%RSD	.00842	.42833	.48776	.28614	.81603	.40070	.67174	.26337

#1	3.4485	1.0210	1.3225	1.0996	.82608	.38332	.66503	.26683
#2	3.4487	1.0125	1.3102	1.1001	.81647	.38026	.65623	.26544
#3	3.4491	1.0153	1.3133	1.1053	.81325	.38179	.65970	.26626

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	.79047	.16613	.13260	.14724	2.0629	.26844	.11732	.82548
Stddev	.00220	.00044	.00123	.00101	.0115	.00107	.00012	.00367
%RSD	.27830	.26469	.92434	.68793	.55773	.39713	.10289	.44429

#1	.78800	.16662	.13378	.14835	2.0744	.26940	.11745	.82972
#2	.79120	.16600	.13133	.14698	2.0514	.26729	.11730	.82345
#3	.79222	.16577	.13268	.14638	2.0627	.26863	.11721	.82329

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.8737	.06814	.07732	.39777	.88865	.32794	3.4335	
Stddev	.0062	.00032	.00082	.00050	.00601	.00194	.0280	
%RSD	.33213	.47390	1.0669	.12513	.67646	.59192	.81668	

#1	1.8723	.06784	.07826	.39761	.89548	.33001	3.4579	
#2	1.8683	.06811	.07670	.39737	.88634	.32616	3.4396	
#3	1.8805	.06848	.07700	.39833	.88414	.32765	3.4029	

Sample Name: S3 Acquired: 1/31/2025 16:39:17 Type: Cal
Method: EPA SFAM01.0(v60) 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	3115.0	65791.	12827.	2210.2	3579.0
Stddev	6.1	314.	88.	5.9	8.2
%RSD	.19601	.47707	.68325	.26900	.22773
#1	3120.1	65430.	12733.	2203.5	3588.4
#2	3116.8	66000.	12844.	2212.8	3574.7
#3	3108.2	65943.	12905.	2214.5	3574.0

Sample Name: S4 Acquired: 1/31/2025 16:43:19 Type: Cal
Method: EPA SFAM01.0(v60) 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	.32305	.26427	6.1571	.34304	.74359	1.7617	3.8267	1.9463
Stddev	.00129	.00280	.0347	.00199	.00247	.0254	.0096	.0130
%RSD	.39873	1.0581	.56274	.58004	.33264	1.4412	.25055	.66929

#1	.32206	.26399	6.1587	.34222	.74268	1.7329	3.8375	1.9614
#2	.32258	.26163	6.1217	.34160	.74170	1.7811	3.8236	1.9383
#3	.32450	.26720	6.1910	.34531	.74639	1.7709	3.8191	1.9393

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	6.9944	1.9781	2.6142	2.2462	1.6164	.73619	1.2799	.52422
Stddev	.0451	.0249	.0194	.0116	.0043	.00955	.0152	.00663
%RSD	.64436	1.2585	.74289	.51573	.26334	1.2976	1.1892	1.2645

#1	6.9958	1.9510	2.5932	2.2466	1.6193	.72559	1.2633	.51692
#2	6.9486	2.0000	2.6315	2.2344	1.6183	.74413	1.2932	.52986
#3	7.0387	1.9834	2.6178	2.2576	1.6115	.73885	1.2832	.52588

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	1.6057	.34483	.26282	.29147	4.1275	.54209	.24855	1.6752
Stddev	.0071	.00261	.00087	.00091	.0248	.00805	.00138	.0108
%RSD	.44034	.75809	.32924	.31251	.60139	1.4856	.55718	.64702

#1	1.6059	.34194	.26327	.29193	4.0994	.53323	.24826	1.6877
#2	1.5986	.34703	.26336	.29206	4.1464	.54898	.24733	1.6684
#3	1.6127	.34551	.26182	.29042	4.1368	.54405	.25006	1.6694

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8856	.14779	.15263	.81408	1.7456	.65922	6.5464
Stddev	.0178	.00057	.00023	.00462	.0050	.00950	.0114
%RSD	.45734	.38892	.15312	.56777	.28870	1.4415	.17374

#1	3.8828	.14771	.15286	.81550	1.7499	.64852	6.5518
#2	3.8694	.14726	.15264	.80891	1.7469	.66668	6.5541
#3	3.9046	.14840	.15240	.81782	1.7401	.66245	6.5334

Sample Name: S4 Acquired: 1/31/2025 16:43:19 Type: Cal
Method: EPA SFAM01.0(v60) 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	2788.1	62499.	12080.	2054.0	3237.8
Stddev	9.6	502.	70.	4.7	13.2
%RSD	.34255	.80356	.57849	.22849	.40718
#1	2790.3	63073.	12000.	2057.5	3238.4
#2	2796.4	62137.	12129.	2055.9	3250.7
#3	2777.6	62289.	12110.	2048.7	3224.4

Sample Name: S5 Acquired: 1/31/2025 16:47:27 Type: Cal
Method: EPA SFAM01.0(v60) 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	.69026	.50281	11.948	.72481	1.5874	4.0690	8.9911	3.4447
Stddev	.00157	.00316	.018	.00160	.0039	.0013	.0932	.0157
%RSD	.22695	.62854	.15030	.22023	.24417	.03304	1.0366	.45516
#1	.68959	.49936	11.931	.72484	1.5865	4.0682	9.0121	3.4375
#2	.68914	.50351	11.944	.72319	1.5840	4.0684	9.0721	3.4627
#3	.69205	.50556	11.967	.72639	1.5916	4.0706	8.8893	3.4339
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	13.370	4.4013	4.9631	4.3734	3.4252	1.6273	2.8389	1.1948
Stddev	.031	.0163	.0173	.0070	.0161	.0065	.0098	.0043
%RSD	.23238	.37066	.34787	.16041	.47075	.39994	.34342	.36176
#1	13.338	4.3959	4.9778	4.3677	3.4088	1.6207	2.8300	1.1905
#2	13.370	4.4196	4.9674	4.3712	3.4410	1.6273	2.8493	1.1947
#3	13.400	4.3883	4.9441	4.3812	3.4258	1.6337	2.8375	1.1991
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	3.1021	.70290	.56170	.57697	9.2326	1.2166	.49217	2.8609
Stddev	.0033	.00135	.00323	.00239	.0257	.0051	.00112	.0138
%RSD	.10604	.19248	.57549	.41508	.27888	.42191	.22714	.48103
#1	3.0989	.70139	.55869	.57471	9.2035	1.2118	.49104	2.8535
#2	3.1020	.70400	.56512	.57948	9.2419	1.2161	.49221	2.8768
#3	3.1054	.70332	.56128	.57672	9.2525	1.2220	.49327	2.8525
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.9994	.30067	.30960	1.5691	3.4924	1.5762	15.218	
Stddev	.0125	.00035	.00060	.0022	.0142	.0083	.027	
%RSD	.15659	.11600	.19388	.13925	.40742	.52856	.17652	
#1	7.9885	.30029	.30895	1.5671	3.4784	1.5673	15.222	
#2	7.9967	.30075	.31013	1.5687	3.5068	1.5775	15.244	
#3	8.0131	.30097	.30972	1.5715	3.4920	1.5838	15.190	

Sample Name: S5 Acquired: 1/31/2025 16:47:27 Type: Cal
Method: EPA SFAM01.0(v60) 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	2430.6	58748.	12893.	1894.0	2959.9
Stddev	1.9	78.	47.	1.4	2.1
%RSD	.07651	.13264	.36391	.07429	.06947
#1	2432.4	58838.	12895.	1893.3	2961.0
#2	2428.7	58704.	12844.	1893.2	2957.5
#3	2430.7	58702.	12938.	1895.7	2961.2

Sample Name: S6 Acquired: 1/31/2025 16:52:07 Type: Cal
Method: EPA SFAM01.0(v60) 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	10.560	7.0540	4.2215	1.9254	1.5996
Stddev	.051	.0328	.0394	.0129	.0091
%RSD	.48263	.46458	.93323	.67168	.56950

#1	10.580	7.0498	4.2665	1.9402	1.5896
#2	10.597	7.0887	4.2047	1.9198	1.6074
#3	10.501	7.0236	4.1932	1.9163	1.6018

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	56095.	12301.
Stddev	147.	96.
%RSD	.26134	.78292

#1	55933.	12409.
#2	56133.	12271.
#3	56218.	12223.

Sample Name: ICV006 Acquired: 1/31/2025 17:17:28 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9822586	1.066711	1.010652	.9330015	.9759196	F 2.138289
Stddev	.0003771	.007260	.002947	.0040719	.0050825	.008911
%RSD	.0383883	.6805857	.2915799	.4364254	.5207881	.4167255

#1	.9826849	1.068637	1.011319	.9376952	.9785304	2.130197
#2	.9821222	1.058682	1.007429	.9308937	.9700623	2.136830
#3	.9819687	1.072813	1.013209	.9304157	.9791660	2.147839

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4825508	.5184406	.5165063	9.551728	.5654049	.5150804
Stddev	.0001912	.0018402	.0024243	.018246	.0014050	.0022341
%RSD	.0396118	.3549469	.4693705	.1910207	.2484947	.4337296

#1	.4824942	.5191048	.5168413	9.541280	.5669817	.5157804
#2	.4827638	.5163606	.5139319	9.572797	.5642859	.5125801
#3	.4823943	.5198566	.5187457	9.541108	.5649471	.5168806

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5209667	9.991560	.5058778	F 5.179168	.5243344	.2375983
Stddev	.0023821	.010306	.0013232	.003956	.0017215	.0002367
%RSD	.4572428	.1031438	.2615620	.0763793	.3283272	.0996223

#1	.5215122	10.00051	.5067446	5.177829	.5236589	.2375207
#2	.5183592	9.99387	.5043547	5.183620	.5230530	.2378641
#3	.5230288	9.98029	.5065339	5.176056	.5262912	.2374101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.383659	.5261798	1.049919	F 8.517718	F .0058026	F .0193004
Stddev	.328504	.0012767	.008566	.023671	.0019503	.0003158
%RSD	3.500814	.2426314	.8158337	.2779024	33.61137	1.636455

#1	9.533471	.5247929	1.056979	8.491052	.0078587	.0196137
#2	9.006954	.5273061	1.040390	8.536248	.0039788	.0193054
#3	9.610551	.5264403	1.052388	8.525855	.0055703	.0189821

Sample Name: ICV006 Acquired: 1/31/2025 17:17:28 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000474	F -.000481	F .0060277	F -.000755	F -.000674	F .0004842
Stddev	.000191	.000912	.0009419	.000351	.000088	.0007077
%RSD	40.35201	189.6715	15.62624	46.43667	13.06549	146.1666

#1	-.000685	-.001399	.0060846	-.001093	-.000775	.0011443
#2	-.000311	.000425	.0050587	-.000778	-.000628	.0005714
#3	-.000426	-.000468	.0069399	-.000393	-.000618	-.000263

Elem	Sr4077
Units	ppm
Avg	F .0011655
Stddev	.0000224
%RSD	1.920796

#1	.0011910
#2	.0011560
#3	.0011494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.709	70656.87	13607.04	2396.590	3999.336
Stddev	11.761	168.28	59.51	8.189	13.986
%RSD	.3492286	.2381598	.4373685	.3416736	.3497086

#1	3362.536	70486.07	13583.29	2389.014	3994.340
#2	3381.169	70822.51	13674.76	2405.277	4015.134
#3	3359.420	70662.02	13563.07	2395.479	3988.535

Sample Name: ICB006 Acquired: 1/31/2025 17:21:25 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000982	.0014048	-.000240	.0002097	.0007064	-.004265	.0024687
Stddev	.0014500	.0010229	.000939	.0020037	.0010282	.000557	.0005469
%RSD	1476.645	72.81338	391.6789	955.5018	145.5705	13.05510	22.15124

#1	.0005239	.0018185	.000542	.0010375	.0014876	-.004504	.0026084
#2	.0012877	.0021560	-.001281	.0016669	.0010900	-.004664	.0018656
#3	-.001517	.0002399	.000019	-.002075	-.000459	-.003629	.0029322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000491	.0000117	-.002980	.0000623	-.000045	-.003156	-.000406
Stddev	.0000209	.0000045	.009639	.0003331	.000180	.000537	.004781
%RSD	42.58244	38.97476	323.4574	534.8323	399.7292	17.01416	1176.556

#1	.0000250	.0000139	-.013641	.0004045	-.000223	-.002555	-.003832
#2	.0000604	.0000064	.005118	-.000261	-.000051	-.003588	.005055
#3	.0000621	.0000147	-.000417	.000043	.000138	-.003324	-.002442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001770	.0122557	-.000116	-.000318	-.039517	.0014489	.0003953
Stddev	.0000830	.0023333	.000181	.000461	.348566	.0011415	.0005781
%RSD	46.91015	19.03820	155.0883	144.9556	882.0723	78.78329	146.2341

#1	.0002683	.0149388	.000050	-.000069	.315338	.0002214	-.000207
#2	.0001062	.0107026	-.000092	-.000850	-.381433	.0024785	.000946
#3	.0001564	.0111256	-.000308	-.000035	-.052455	.0016469	.000447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006036	.0002353	.0023614	-.000092	-.003716	.0027113	.0003049
Stddev	.034965	.0022680	.0007215	.000129	.001973	.0050194	.0006771
%RSD	579.2966	964.1013	30.55226	139.3720	53.09987	185.1292	222.0564

#1	-.046034	.0027780	.0019369	.000056	-.005313	-.000761	-.000429
#2	.009201	-.000493	.0019529	-.000179	-.004325	.000428	.000437
#3	.018726	-.001579	.0031945	-.000153	-.001510	.008466	.000906

Sample Name: ICB006 Acquired: 1/31/2025 17:21:25 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005464	-.000127	-.000009
Stddev	.0003369	.000528	.000036
%RSD	61.65996	415.2304	406.6464

#1	.0008115	-.000683	.000029
#2	.0001673	.000367	-.000013
#3	.0006604	-.000065	-.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.634	71329.39	13458.89	2415.809	4215.324
Stddev	13.150	191.36	24.38	9.790	15.225
%RSD	.3800918	.2682761	.1811541	.4052346	.3611801

#1	3455.470	71119.10	13430.86	2405.920	4211.624
#2	3474.361	71493.29	13470.56	2425.496	4232.058
#3	3449.069	71375.78	13475.24	2416.012	4202.290

Sample Name: ICSA006 Acquired: 1/31/2025 17:25:34 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021171	-.003725	.0017538	.0160488	.0077991	216.5302
Stddev	.0020339	.001539	.0018839	.0012738	.0005315	1.8875
%RSD	96.07016	41.32629	107.4137	7.936956	6.815474	.8716988

#1	-.000203	-.005241	.0010542	.0149562	.0080534	217.0352
#2	.002961	-.002164	.0003199	.0157425	.0081557	214.4416
#3	.003593	-.003769	.0038875	.0174479	.0071882	218.1139

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045252	-.000464	.0002466	228.3647	.0611873	.0008073
Stddev	.0008825	.000072	.0001129	1.1323	.0005416	.0002728
%RSD	19.50298	15.59136	45.80966	.4958370	.8851914	33.79473

#1	.0038017	-.000547	.0002423	228.0544	.0606024	.0006160
#2	.0055085	-.000433	.0001358	227.4198	.0612882	.0011198
#3	.0042654	-.000413	.0003616	229.6197	.0616714	.0006863

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005140	95.75845	.0096116	225.9772	.0032081	-.003093
Stddev	.002211	.45139	.0002978	1.3315	.0006016	.000199
%RSD	43.02294	.4713885	3.098060	.5892074	18.75307	6.439066

#1	-.002839	95.66345	.0094083	225.7205	.0038164	-.003300
#2	-.005332	95.36212	.0094731	224.7928	.0031944	-.003078
#3	-.007249	96.24978	.0099534	227.4184	.0026134	-.002903

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.147374	-.006674	-.006403	-.254217	.0080045	F .1242909
Stddev	.567737	.000795	.001430	.002695	.0021774	.0029804
%RSD	385.2365	11.91500	22.33576	1.059945	27.20251	2.397929

#1	-.199221	-.006793	-.008020	-.252579	.0072679	.1217562
#2	-.687408	-.005826	-.005302	-.257327	.0062910	.1235421
#3	.444509	-.007402	-.005888	-.252745	.0104547	.1275743

Sample Name: ICSA006 Acquired: 1/31/2025 17:25:34 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000211	.0158241	.0052122	-.004392	-.002176	.0043491
Stddev	.000533	.0061856	.0016824	.000742	.000349	.0006022
%RSD	252.5799	39.08956	32.27841	16.89657	16.06125	13.84546

#1	.000356	.0171200	.0068111	-.005236	-.002180	.0037682
#2	-.000288	.0212591	.0034572	-.003839	-.001824	.0043087
#3	-.000701	.0090933	.0053683	-.004102	-.002523	.0049705

Elem	Sr4077
Units	ppm
Avg	.0934777
Stddev	.0003301
%RSD	.3531723

#1	.0935520
#2	.0931168
#3	.0937644

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3079.622	64413.24	12745.28	2143.420	3452.823
Stddev	6.033	245.59	23.57	7.271	.828
%RSD	.1959140	.3812766	.1849052	.3392139	.0239764

#1	3086.529	64484.82	12745.43	2143.903	3452.692
#2	3076.950	64615.08	12721.63	2150.437	3453.709
#3	3075.385	64139.81	12768.77	2135.919	3452.069

Sample Name: ICSAB006 Acquired: 1/31/2025 17:41:34 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051486	.1026398	.0532430	.0651033	.5379053	227.7445
Stddev	.0018453	.0053739	.0009150	.0018421	.0037602	.2684
%RSD	1.754894	5.235712	1.718458	2.829461	.6990494	.1178415

#1	.1044272	.1043605	.0524308	.0640067	.5408968	227.9738
#2	.1037731	.1069426	.0542343	.0640732	.5336842	227.4493
#3	.1072456	.0966163	.0530641	.0672300	.5391349	227.8104

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5089985	.4997799	1.008776	240.1874	.6003782	.5079266
Stddev	.0037165	.0003284	.002029	1.1537	.0024699	.0012363
%RSD	.7301502	.0657193	.2010943	.4803353	.4113869	.2434041

#1	.5094144	.4998107	1.006461	239.9693	.6003485	.5066112
#2	.5124895	.4994372	1.010243	241.4345	.6028628	.5090646
#3	.5050916	.5000919	1.009625	239.1582	.5979233	.5081040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4930261	99.99812	.5159504	237.4410	1.019354	.1991699
Stddev	.0029366	.32616	.0044976	1.1047	.000592	.0001446
%RSD	.5956332	.3261710	.8717015	.4652625	.0580992	.0725958

#1	.4909130	100.0294	.5160784	237.1137	1.018677	.1993045
#2	.4963794	100.3075	.5203825	238.6723	1.019613	.1991880
#3	.4917860	99.6574	.5113901	236.5368	1.019773	.1990170

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.627170	.4932875	.9710396	-.294932	.0086113	F .1690773
Stddev	.133286	.0010677	.0074856	.046191	.0029973	.0018176
%RSD	21.25205	.2164429	.7708878	15.66171	34.80645	1.074999

#1	-.474049	.4921385	.9728241	-.340543	.0052585	.1683613
#2	-.717171	.4942491	.9774717	-.248181	.0095443	.1711438
#3	-.690290	.4934749	.9628230	-.296072	.0110311	.1677268

Sample Name: ICSAB006 Acquired: 1/31/2025 17:41:34 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000170	.0203847	.0079025	-.004021	-.003336	.0035793
Stddev	.000396	.0036640	.0030116	.001855	.000432	.0005126
%RSD	232.2718	17.97446	38.10874	46.13170	12.95499	14.32204

#1	-.000227	.0244093	.0112368	-.005403	-.003153	.0036543
#2	.000251	.0172425	.0053802	-.004747	-.003025	.0040502
#3	-.000535	.0195021	.0070906	-.001913	-.003829	.0030332

Elem	Sr4077
Units	ppm
Avg	F .1000205
Stddev	.0009041
%RSD	.9039185

#1	.0998395
#2	.1010014
#3	.0992206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3068.645	64187.95	13275.97	2163.611	3429.162
Stddev	1.391	188.35	18.68	12.943	1.338
%RSD	.0453336	.2934370	.1406841	.5982046	.0390055

#1	3067.897	64057.48	13260.76	2157.109	3430.471
#2	3070.250	64102.48	13296.82	2155.209	3427.797
#3	3067.787	64403.88	13270.33	2178.516	3429.217

Sample Name: CCV031 Acquired: 1/31/2025 17:54:59 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.773684	4.633970	24.28598	4.737344	4.771484	391.5748	10.04875
Stddev	.022476	.028321	.08067	.015201	.016870	2.5072	.12155
%RSD	.4708224	.6111632	.3321523	.3208709	.3535562	.6402887	1.209578
#1	4.764182	4.641445	24.28104	4.729894	4.768628	389.8839	10.15553
#2	4.799351	4.657803	24.36900	4.754833	4.789599	394.4554	10.07424
#3	4.757521	4.602661	24.20789	4.727307	4.756224	390.3851	9.91647
Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4843829	2.463182	398.8548	15.43414	2.463137	14.68958	403.9425
Stddev	.0030567	.009817	1.2759	.05690	.008523	.04101	1.8958
%RSD	.6310534	.3985660	.3198848	.3686480	.3460108	.2791453	.4693151
#1	.4819002	2.464635	400.2718	15.43177	2.463084	14.65615	406.0991
#2	.4877969	2.472191	398.4954	15.49218	2.471686	14.73533	403.1898
#3	.4834514	2.452718	397.7972	15.37846	2.454641	14.67725	402.5387
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.13922	401.0167	2.460796	1.263566	375.5350	2.444044	15.25669
Stddev	.04042	1.5197	.008267	.002335	.1223	.005012	.02678
%RSD	.2669682	.3789520	.3359401	.1848189	.0325577	.2050562	.1755482
#1	15.18136	402.7709	2.459119	1.265050	375.4239	2.438882	15.25936
#2	15.13552	400.1792	2.469772	1.264773	375.5152	2.444358	15.28203
#3	15.10078	400.1001	2.453495	1.260874	375.6660	2.448891	15.22866
Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.1526	4.797199	5.246359	4.793605	4.883878	4.847305	4.942266
Stddev	.9611	.020032	.019327	.017019	.028692	.035794	.014418
%RSD	.6155184	.4175714	.3683843	.3550448	.5874793	.7384286	.2917200
#1	157.2387	4.799980	5.228322	4.791540	4.889403	4.812674	4.942258
#2	155.8073	4.815694	5.266758	4.811563	4.909406	4.884158	4.956688
#3	155.4117	4.775921	5.243995	4.777712	4.852826	4.845082	4.927853

Sample Name: CCV031 Acquired: 1/31/2025 17:54:59 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.916270	5.055856	5.132947
Stddev	.013881	.027950	.051386
%RSD	.2823395	.5528188	1.001101

#1	4.901652	5.088067	5.191899
#2	4.929272	5.041485	5.109303
#3	4.917886	5.038015	5.097639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.352	59746.64	12784.79	1943.524	3080.472
Stddev	8.027	197.49	70.13	5.232	9.160
%RSD	.2973664	.3305410	.5485431	.2691968	.2973722

#1	2700.815	59594.27	12850.66	1940.364	3078.946
#2	2690.693	59675.88	12711.06	1940.644	3072.170
#3	2706.546	59969.76	12792.64	1949.563	3090.299

Sample Name: CCB031 Acquired: 1/31/2025 17:59:18 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002217	.0009000	-.000935	.0018474	.0004628	.0041961
Stddev	.003177	.0012023	.000973	.0018307	.0008170	.0108421
%RSD	143.2650	133.5957	104.0973	99.09387	176.5224	258.3848

#1	.001078	-.000486	-.000351	.0034420	.0013652	-.008312
#2	-.002469	.001664	-.002058	-.000152	.0002498	.009989
#3	-.005261	.001521	-.000395	.002252	-.000227	.010911

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001336	.0000607	.0000609	.0033113	.0003751	-.000322
Stddev	.000506	.0000669	.0000353	.0042079	.0001794	.000156
%RSD	37.88822	110.1325	58.06044	127.0775	47.82380	48.51027

#1	-.001136	.0000591	.0001014	.0018274	.0005772	-.000276
#2	-.000961	.0001284	.0000363	.0000464	.0003134	-.000496
#3	-.001912	-.000005	.0000449	.0080601	.0002347	-.000194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000939	.0048377	.0003035	.0252305	-.000086	-.000300
Stddev	.001337	.0018183	.0003992	.0143859	.000359	.000329
%RSD	142.3228	37.58672	131.5551	57.01799	419.3534	109.4612

#1	-.001396	.0056138	.0004304	.0102821	-.000248	.000064
#2	-.001988	.0027601	.0006238	.0264308	-.000334	-.000575
#3	.000566	.0061392	-.000144	.0389787	.000326	-.000390

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386588	-.001370	.0012021	-.208446	.0031453	F .0114640
Stddev	.2620667	.001848	.0014345	.049421	.0018805	.0002980
%RSD	109.8081	134.9317	119.3310	23.70906	59.78730	2.599555

#1	.1496260	-.002347	.0015299	-.264967	.0051569	.0117840
#2	.5336424	.000762	-.000368	-.173372	.0028473	.0114134
#3	.0327080	-.002524	.002444	-.186998	.0014316	.0111944

Sample Name: CCB031 Acquired: 1/31/2025 17:59:18 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002042	-.001434	.0009826	-.000384	.0005041	-.000804
Stddev	.0000701	.004301	.0041668	.000506	.0001070	.000774
%RSD	34.31139	299.9838	424.0542	131.9915	21.23212	96.20268

#1	.0001349	.001018	.0002454	-.000730	.0006201	-.001320
#2	.0002028	-.006400	-.002766	.000197	.0004091	.000085
#3	.0002750	.001081	.005469	-.000618	.0004832	-.001179

Elem	Sr4077
Units	ppm
Avg	.0001213
Stddev	.0000435
%RSD	35.86463

#1	.0001501
#2	.0001427
#3	.0000713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.176	72598.20	12866.94	2432.300	4232.979
Stddev	11.643	65.57	9.97	11.814	17.802
%RSD	.3335041	.0903152	.0774673	.4856940	.4205518

#1	3501.229	72525.16	12855.45	2436.102	4247.170
#2	3493.881	72651.97	12873.26	2441.745	4238.762
#3	3478.419	72617.47	12872.11	2419.054	4213.004

Sample Name: Q1151-08A Acquired: 1/31/2025 18:03:27 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1693923	-.003171	.7346001	.0684300	.0855658	27.39035
Stddev	.0018254	.003204	.0012952	.0013648	.0011874	.15797
%RSD	1.077610	101.0403	.1763165	1.994375	1.387716	.5767311

#1	.1673023	-.004258	.7360411	.0690972	.0853204	27.20873
#2	.1706740	-.005689	.7342264	.0668600	.0845202	27.49576
#3	.1702006	.000435	.7335328	.0693327	.0868567	27.46657

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5223301	.0541781	.0075463	15.67410	.1814409	.2476846
Stddev	.0036506	.0003153	.0000574	.06271	.0009392	.0005970
%RSD	.6989151	.5820160	.7609079	.4000977	.5176407	.2410495

#1	.5181180	.0544046	.0075011	15.60259	.1805813	.2481064
#2	.5242931	.0538180	.0076109	15.69997	.1824433	.2470015
#3	.5245793	.0543117	.0075269	15.71975	.1812980	.2479460

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5926653	50.97950	.9418615	11.91599	.2602129	.0148075
Stddev	.0020562	.25259	.0035327	.00996	.0001443	.0001021
%RSD	.3469391	.4954730	.3750722	.0835488	.0554429	.6895180

#1	.5940311	50.68810	.9385317	11.90655	.2600611	.0148376
#2	.5903005	51.11447	.9414859	11.91502	.2603482	.0148912
#3	.5936644	51.13593	.9455670	11.92639	.2602294	.0146937

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.55718	.0970663	1.243031	5.252953	4.797260	.1360606
Stddev	.25943	.0014315	.005733	.053356	.012294	.0019900
%RSD	.7507392	1.474725	.4612284	1.015737	.2562610	1.462555

#1	34.65967	.0954625	1.237523	5.194424	4.811410	.1337726
#2	34.74971	.0975221	1.248966	5.265553	4.791164	.1370207
#3	34.26215	.0982144	1.242604	5.298881	4.789206	.1373884

Sample Name: Q1151-08A Acquired: 1/31/2025 18:03:27 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ7A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119523	F 40.40055	F 22.86682	.0191341	.8543998	.0201799
Stddev	.0000681	.10635	.08364	.0012495	.0014597	.0008498
%RSD	.5694236	.2632315	.3657903	6.530045	.1708447	4.211133
#1	.0119777	40.52335	22.94655	.0179864	.8560720	.0191993
#2	.0120040	40.33944	22.77974	.0204651	.8533805	.0207002
#3	.0118752	40.33887	22.87418	.0189507	.8537468	.0206402

Elem	Sr4077
Units	ppm
Avg	.3532916
Stddev	.0021014
%RSD	.5947942
#1	.3508863
#2	.3542176
#3	.3547710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4151.321	86454.91	16519.83	2869.550	3941.061
Stddev	4.649	317.62	47.80	14.567	7.559
%RSD	.1119834	.3673853	.2893464	.5076543	.1917938
#1	4147.713	86821.40	16471.22	2884.077	3934.208
#2	4156.567	86283.86	16566.78	2854.942	3949.169
#3	4149.682	86259.47	16521.49	2869.630	3939.807

Sample Name: CCV032 Acquired: 1/31/2025 18:07:21 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.746165	4.657299	24.12692	4.695752	4.740783	389.4635	9.958834
Stddev	.010258	.038273	.00957	.006284	.002507	2.5780	.058067
%RSD	.2161360	.8217768	.0396655	.1338322	.0528873	.6619478	.5830696

#1	4.748083	4.624778	24.11720	4.690421	4.742022	392.1636	10.02572
#2	4.755329	4.699474	24.12721	4.694153	4.737898	389.1989	9.92943
#3	4.735083	4.647644	24.13634	4.702681	4.742430	387.0279	9.92135

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4837093	2.449252	395.3756	15.44960	2.450852	14.60910	400.9568
Stddev	.0025947	.002166	2.4981	.05699	.001836	.01118	2.9864
%RSD	.5364135	.0884208	.6318291	.3689024	.0749221	.0765344	.7448100

#1	.4807257	2.448194	397.8591	15.50226	2.451116	14.60239	404.1682
#2	.4854371	2.451743	392.8631	15.38909	2.448898	14.62201	398.2632
#3	.4849653	2.447819	395.4046	15.45745	2.452542	14.60291	400.4388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99315	399.3655	2.446880	1.258010	372.8843	2.443611	15.16777
Stddev	.08728	2.6971	.002850	.004489	1.2520	.000730	.09098
%RSD	.5821298	.6753400	.1164945	.3568185	.3357505	.0298684	.5998131

#1	15.08404	402.4106	2.446310	1.262494	372.1693	2.443225	15.24563
#2	14.91000	397.2777	2.444358	1.253516	372.1538	2.444453	15.06776
#3	14.98542	398.4080	2.449973	1.258019	374.3300	2.443156	15.18992

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3776	4.789698	5.207455	4.787911	4.839866	4.848499	4.922782
Stddev	1.0838	.010842	.008864	.003950	.006135	.025251	.005583
%RSD	.7020158	.2263561	.1702241	.0824980	.1267687	.5208034	.1134151

#1	155.5436	4.780144	5.199040	4.787149	4.844912	4.819456	4.917137
#2	153.4010	4.801481	5.206615	4.792186	4.833036	4.865259	4.922909
#3	154.1883	4.787468	5.216709	4.784398	4.841649	4.860780	4.928301

Sample Name: CCV032 Acquired: 1/31/2025 18:07:21 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.886894	5.002071	5.077647
Stddev	.003189	.037794	.006021
%RSD	.0652650	.7555641	.1185868

#1	4.885740	5.045071	5.077071
#2	4.884443	4.974118	5.083935
#3	4.890500	4.987024	5.071934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.442	59734.95	12733.66	1939.287	3100.012
Stddev	2.523	320.44	42.32	14.620	1.736
%RSD	.0927630	.5364295	.3323568	.7538981	.0560015

#1	2716.581	59411.51	12778.40	1928.673	3098.766
#2	2720.403	60052.29	12728.31	1955.964	3101.994
#3	2721.344	59741.05	12694.27	1933.225	3099.274

Sample Name: CCB032 Acquired: 1/31/2025 18:12:28 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002519	.0015814	-.000710	.0032222	.0005529	-.002952	.0026951
Stddev	.001377	.0012757	.001261	.0020697	.0008174	.000901	.0010084
%RSD	54.67128	80.67045	177.5033	64.23018	147.8378	30.51183	37.41535

#1	-.003957	.0015875	-.001862	.0009479	-.000085	-.002759	.0038564
#2	-.002388	.0028541	.000636	.0049949	.000270	-.003934	.0020415
#3	-.001212	.0003027	-.000905	.0037239	.001474	-.002164	.0021873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000507	.0000556	.0053823	.0003045	-.000109	-.001349	.0045798
Stddev	.0000099	.0001019	.0081769	.0001273	.000258	.002069	.0029358
%RSD	19.46023	183.3310	151.9227	41.81678	236.0671	153.3849	64.10222

#1	.0000394	-.000051	.0140256	.0001664	-.000326	-.002085	.0055427
#2	.0000579	.000151	.0043517	.0003300	-.000178	.000987	.0012835
#3	.0000546	.000067	-.002230	.0004172	.000176	-.002948	.0069133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001455	.0098749	-.000142	-.000354	-.316374	-.000361	.0017080
Stddev	.0001459	.0091596	.000216	.000402	.256341	.000833	.0025098
%RSD	100.3310	92.75692	152.3650	113.3611	81.02473	230.5926	146.9419

#1	-.000016	.0202301	-.000388	-.000754	-.325521	.000265	-.000841
#2	.000185	.0065619	.000011	.000050	-.055582	-.001307	.004177
#3	.000268	.0028327	-.000047	-.000359	-.568020	-.000042	.001788

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.052209	.0022521	.0073774	.0000562	-.000619	.0011095	-.000179
Stddev	.041257	.0009603	.0003741	.0000832	.002277	.0020814	.000313
%RSD	79.02221	42.64047	5.070385	148.1542	367.6292	187.5859	175.0756

#1	-.044286	.0018233	.0076755	-.000040	.001653	-.000873	-.000380
#2	-.015489	.0015809	.0074990	.000098	-.002902	.000924	.000182
#3	-.096854	.0033521	.0069577	.000110	-.000609	.003278	-.000339

Sample Name: CCB032 Acquired: 1/31/2025 18:12:28 Type: Unk
Method: EPA SFAM01.0(v60) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005023	-.000433	.0000790
Stddev	.0001857	.000345	.0000545
%RSD	36.97449	79.56806	69.02412

#1	.0004348	-.000828	.0000622
#2	.0007123	-.000194	.0000349
#3	.0003597	-.000277	.0001400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.656	70473.84	13772.06	2344.041	4091.918
Stddev	20.365	1665.16	48.18	53.638	23.628
%RSD	.6011422	2.362810	.3498510	2.288268	.5774238

#1	3392.400	68554.60	13782.33	2282.106	4102.058
#2	3365.339	71332.64	13814.28	2374.654	4064.913
#3	3405.231	71534.28	13719.57	2375.361	4108.783