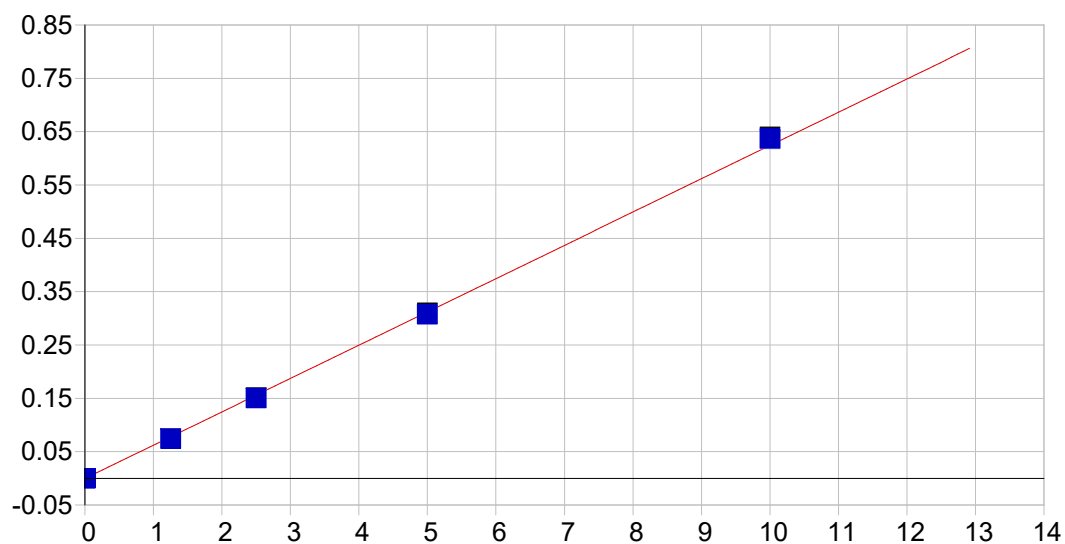


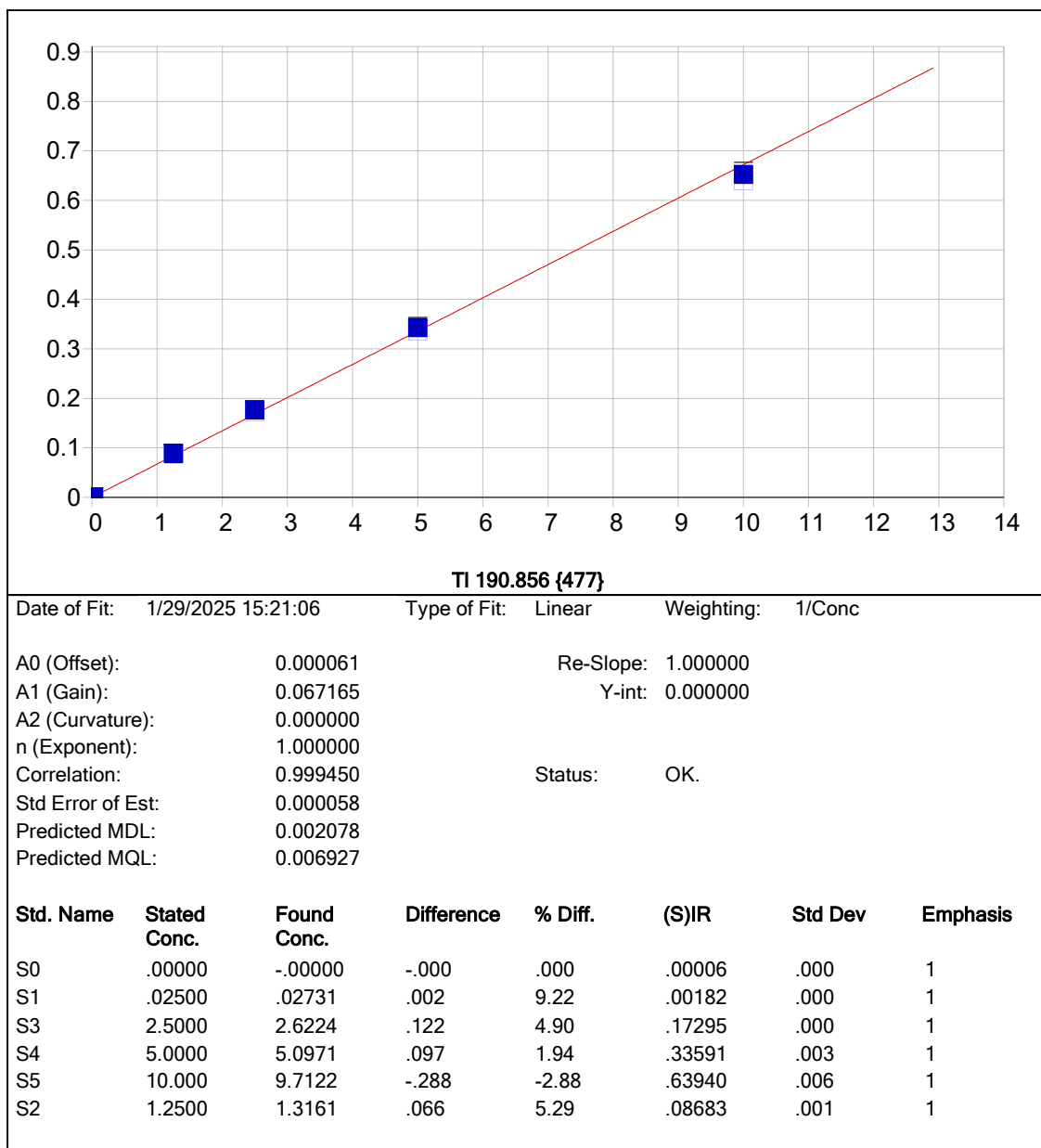


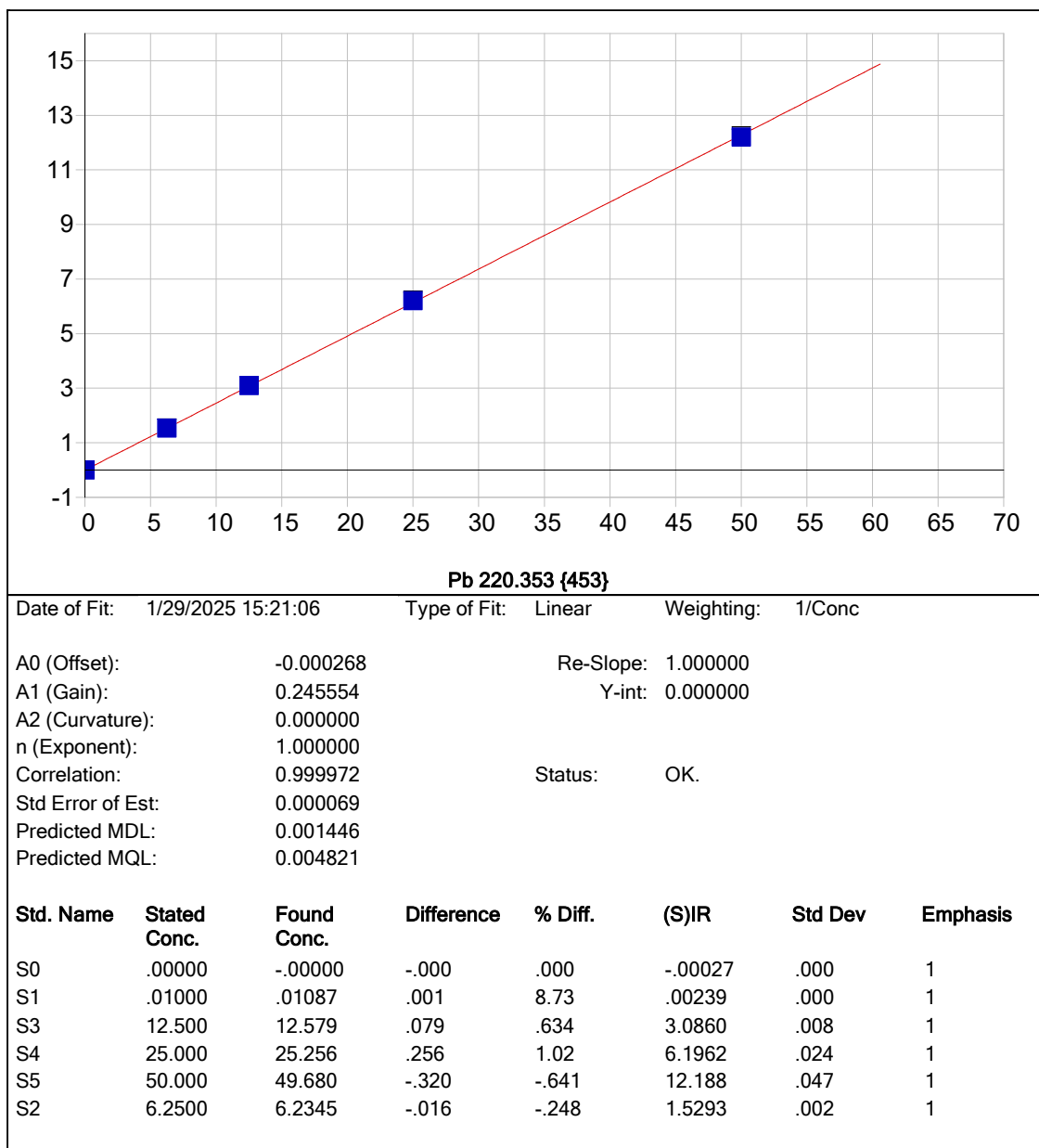
As 189.042 {479}

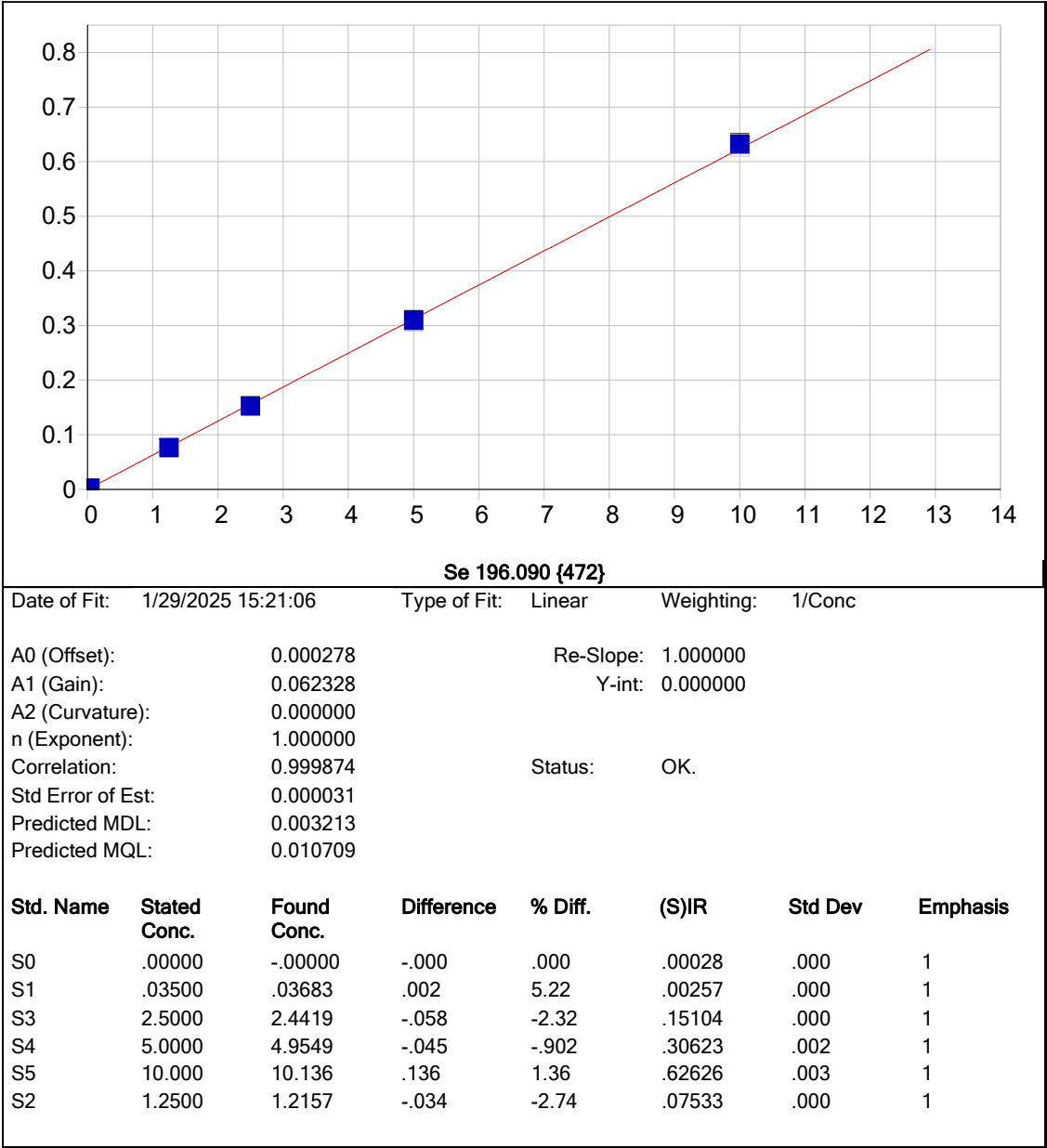
Date of Fit: 1/29/2025 15:21:06 Type of Fit: Linear Weighting: 1/Conc

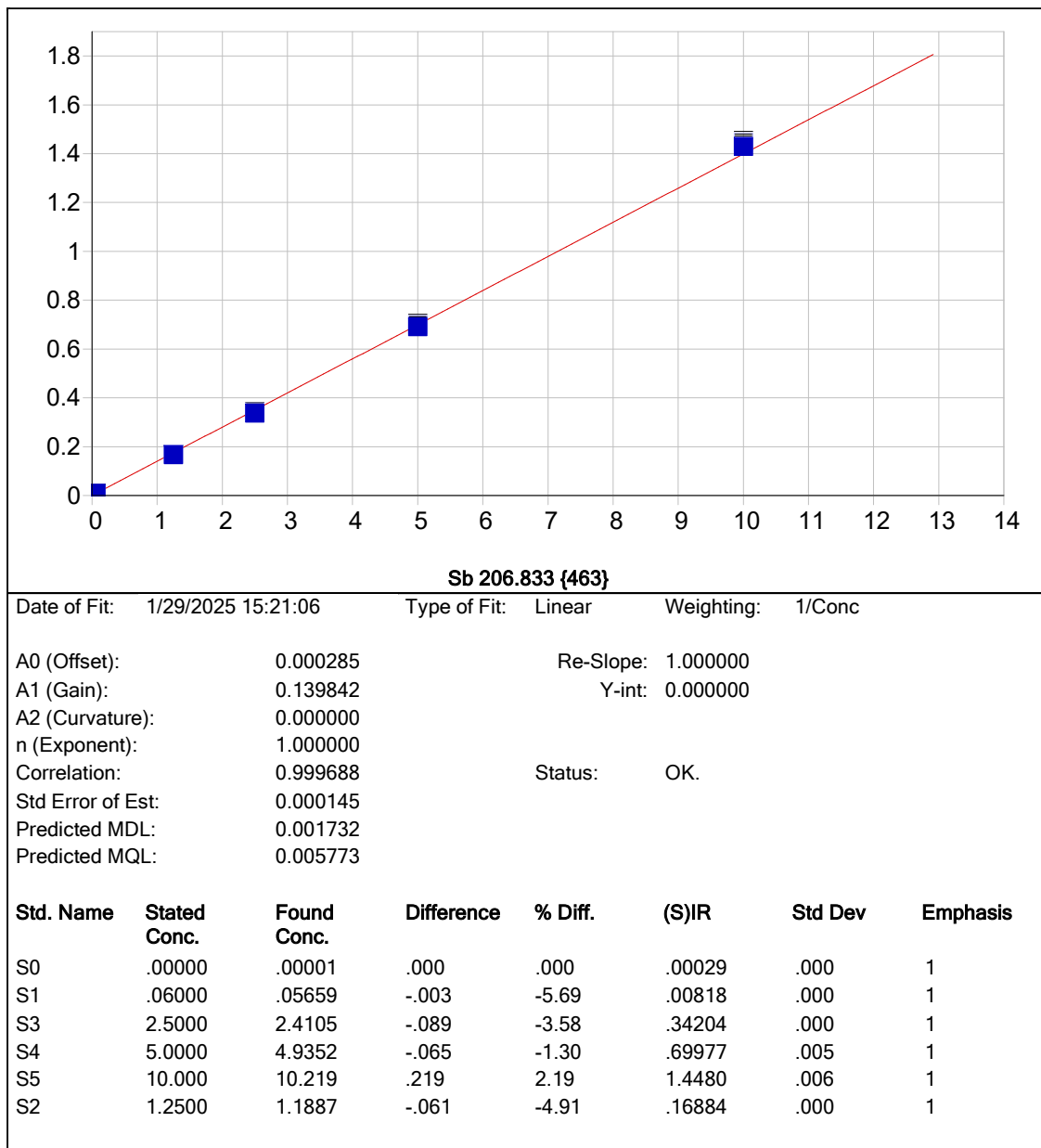
A0 (Offset): -0.000171 Re-Slope: 1.000000
A1 (Gain): 0.062425 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999707 Status: OK.
Std Error of Est: 0.000025
Predicted MDL: 0.002576
Predicted MQL: 0.008587

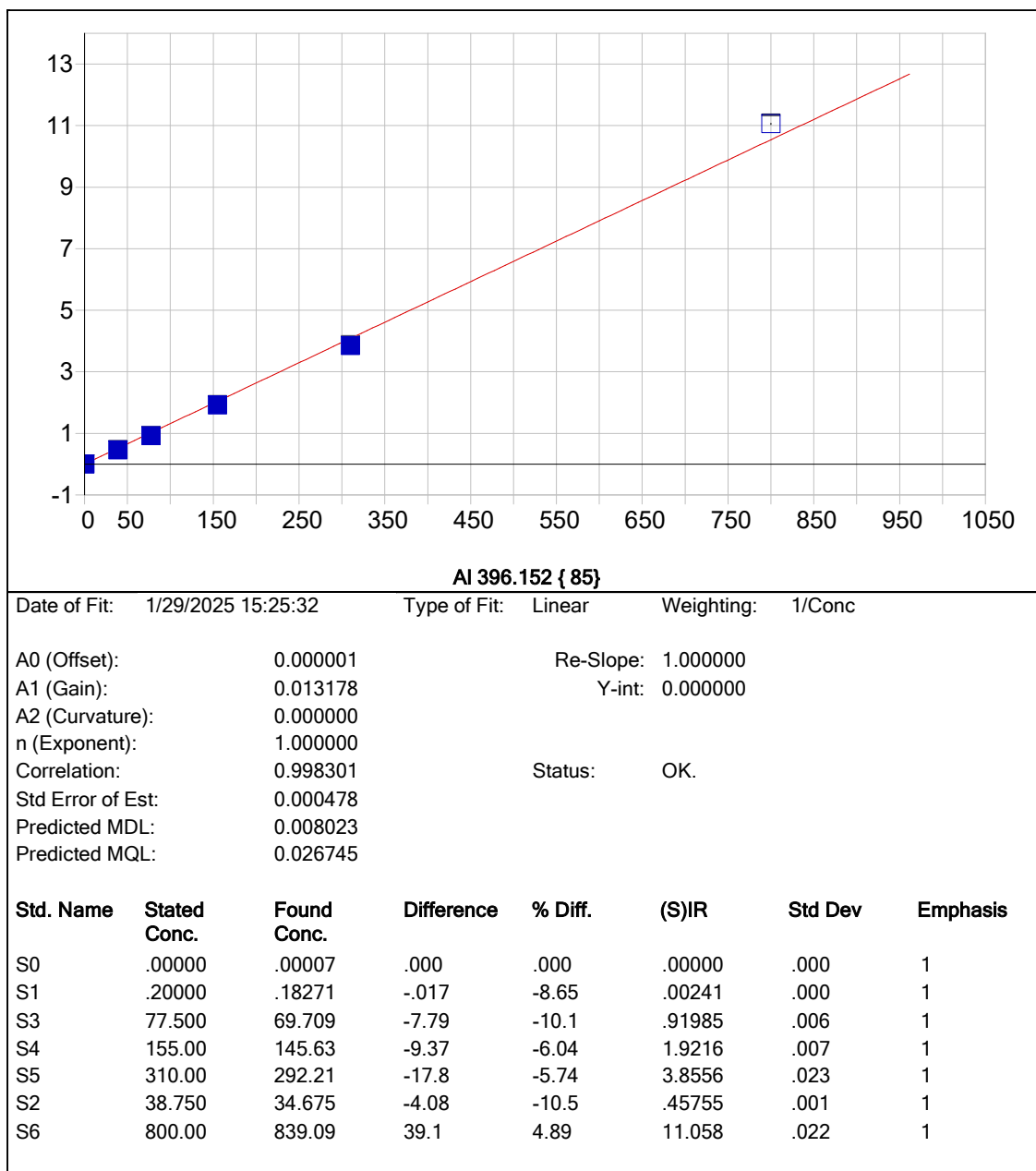
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.01046	.000	4.56	.00048	.000	1
S3	2.5000	2.4129	-.087	-3.48	.15018	.000	1
S4	5.0000	4.9336	-.066	-1.33	.30725	.002	1
S5	10.000	10.210	.210	2.10	.63609	.003	1
S2	1.2500	1.1928	-.057	-4.58	.07415	.000	1

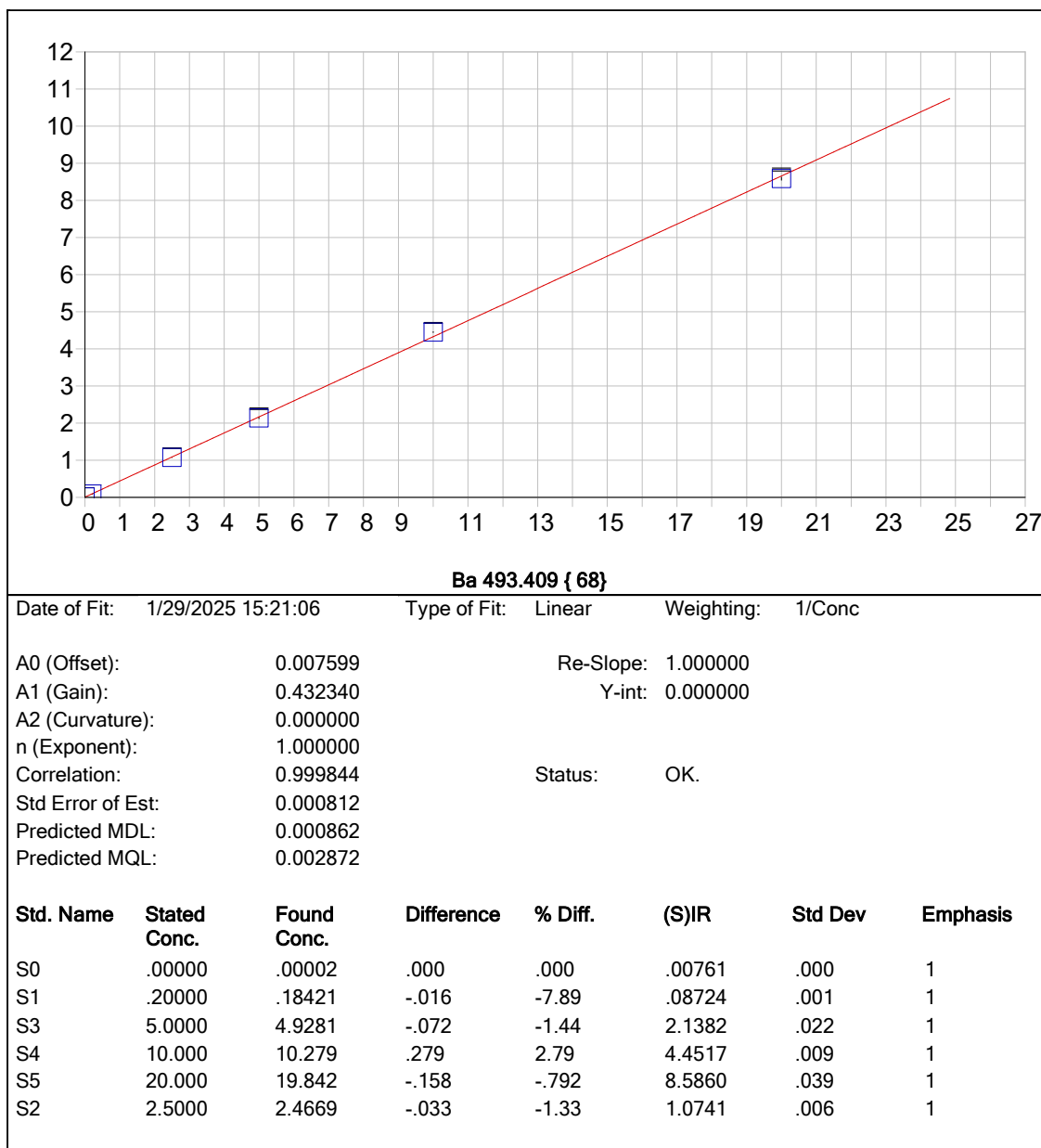


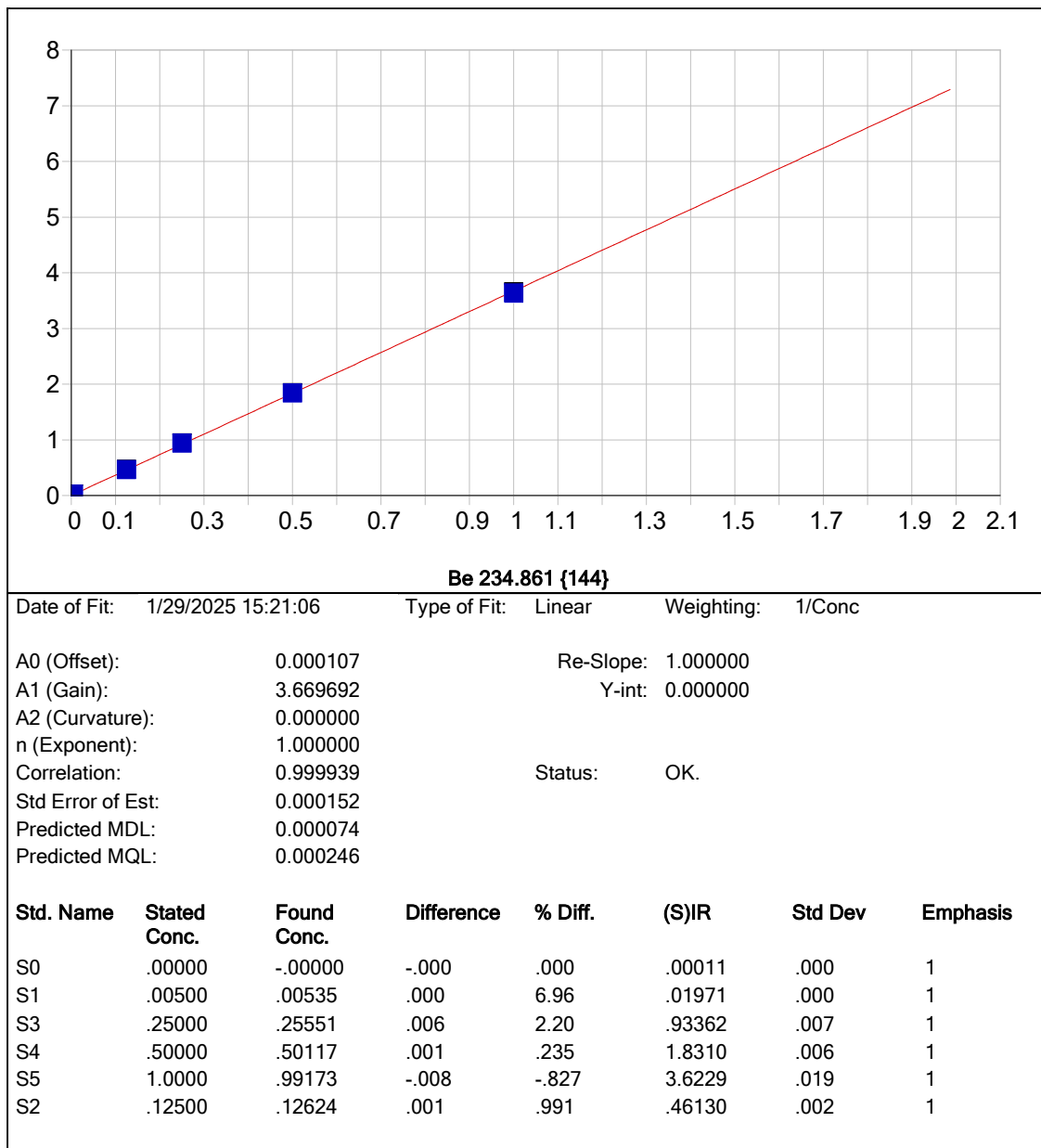


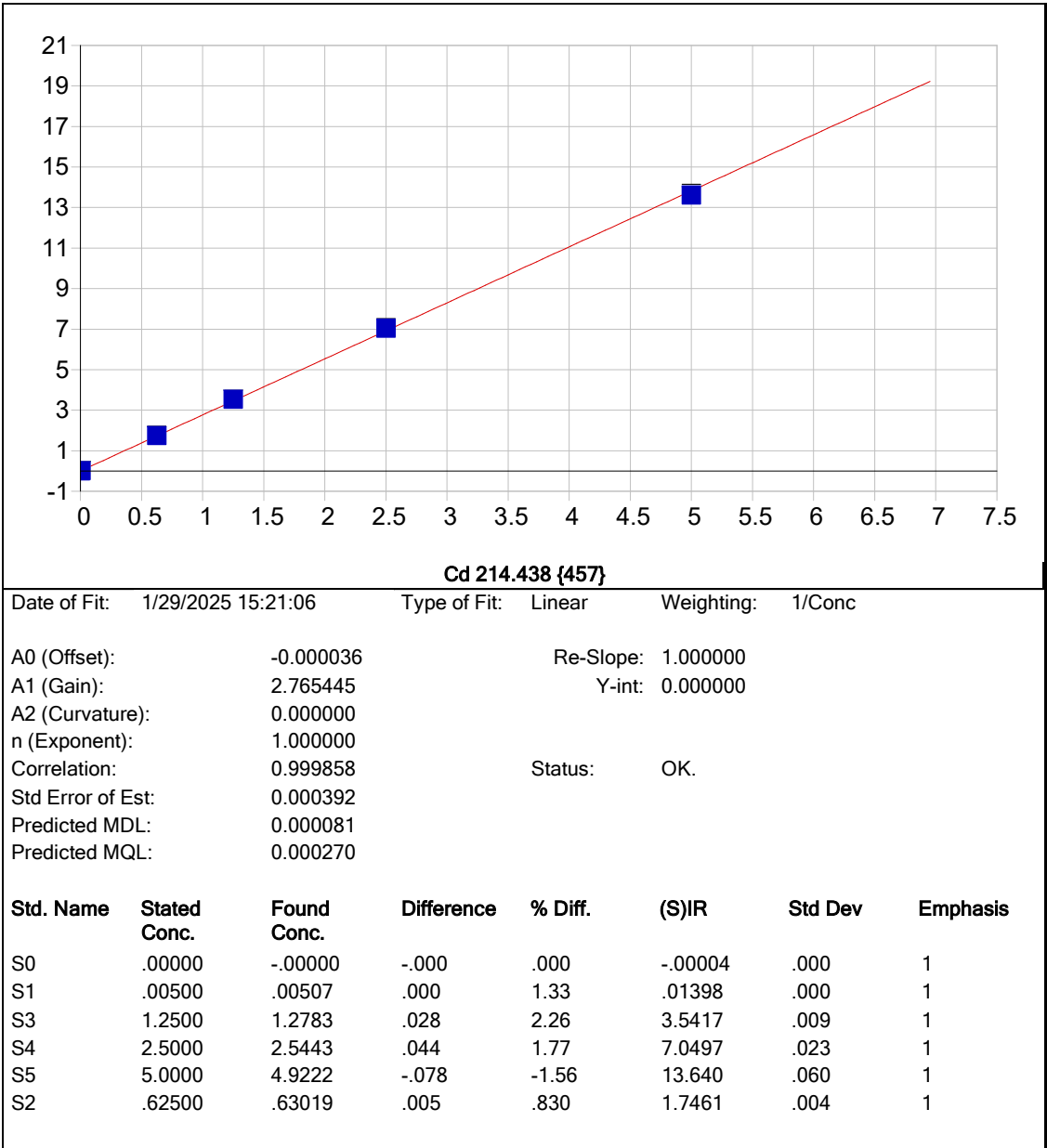


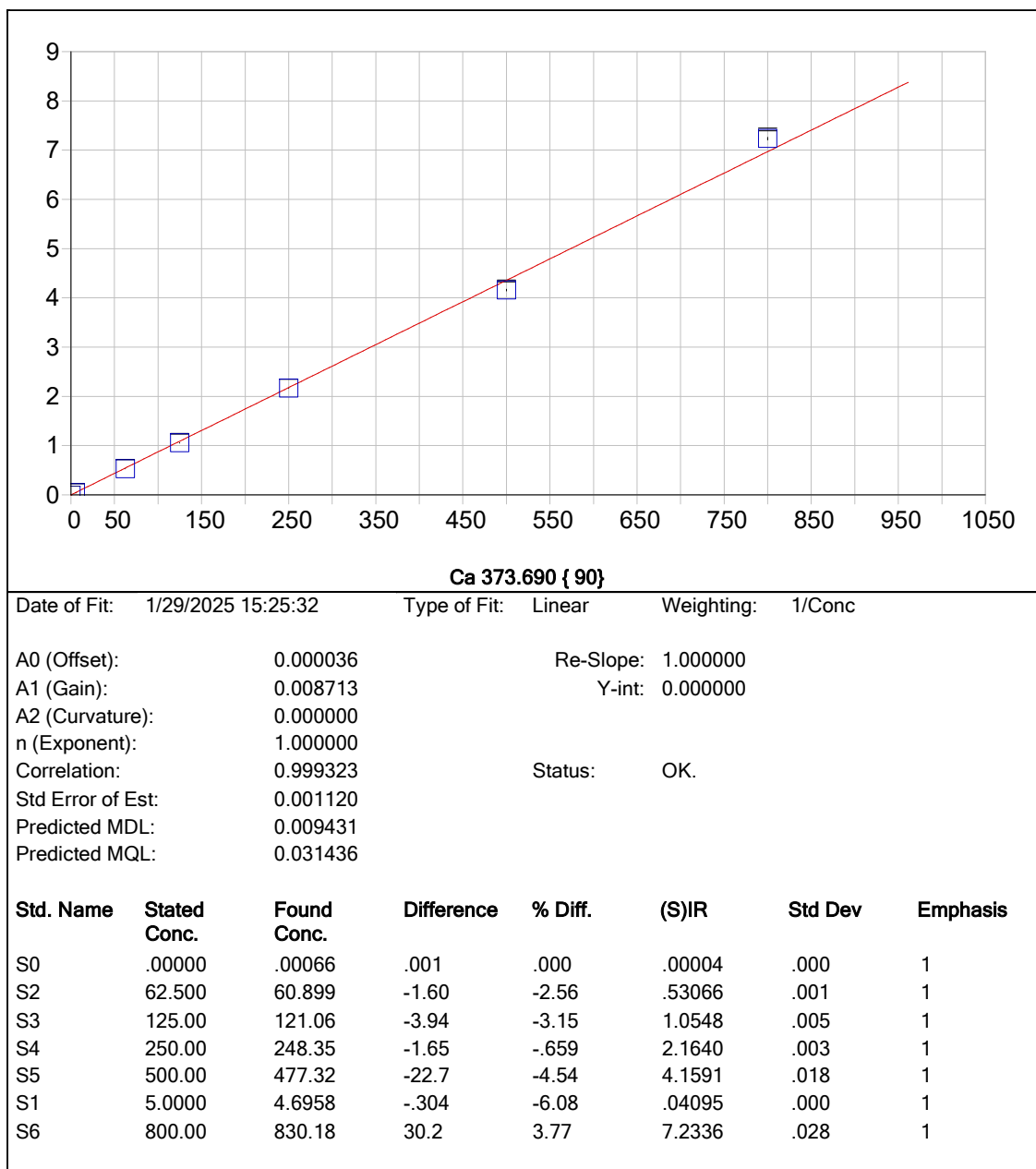


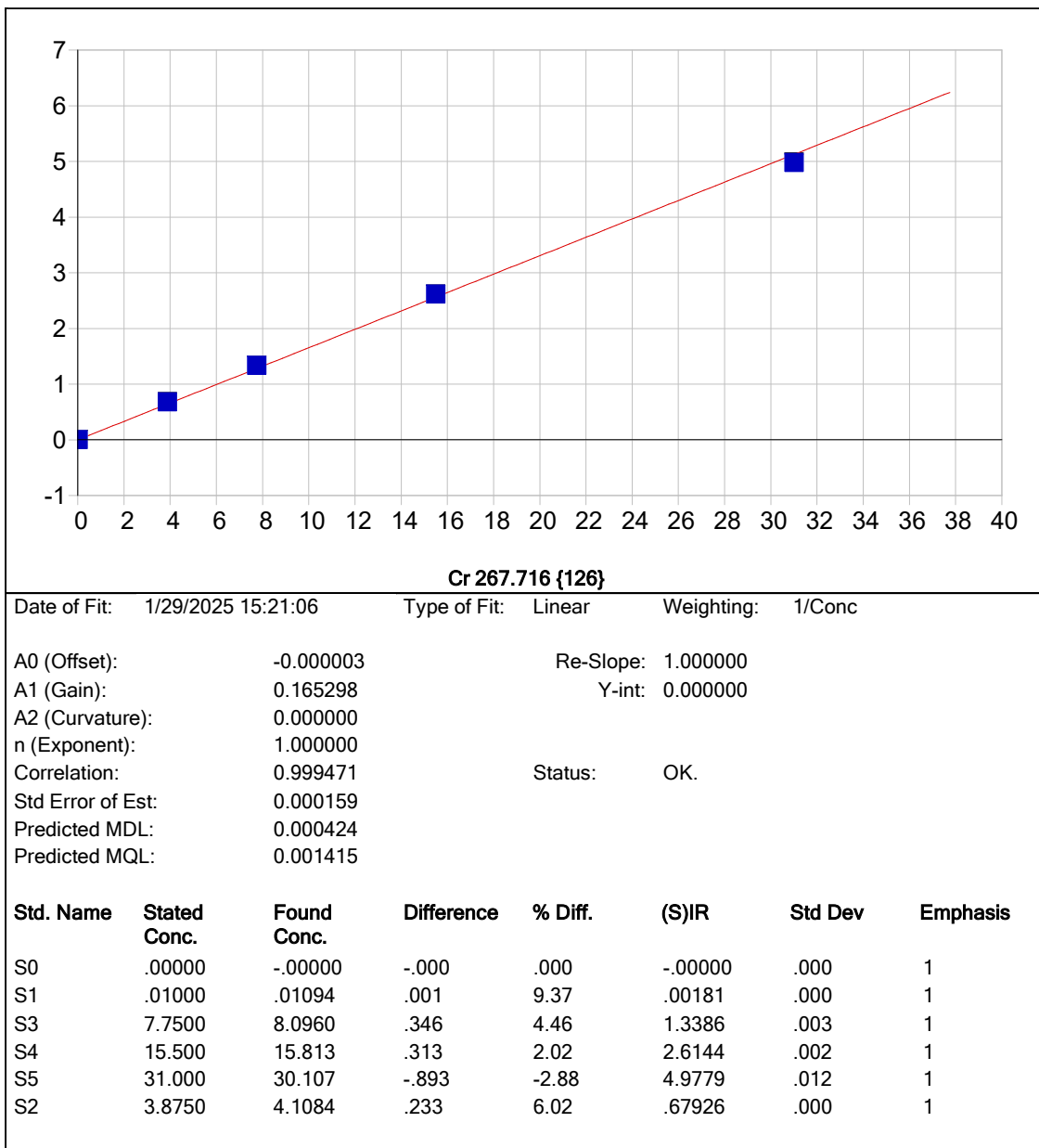


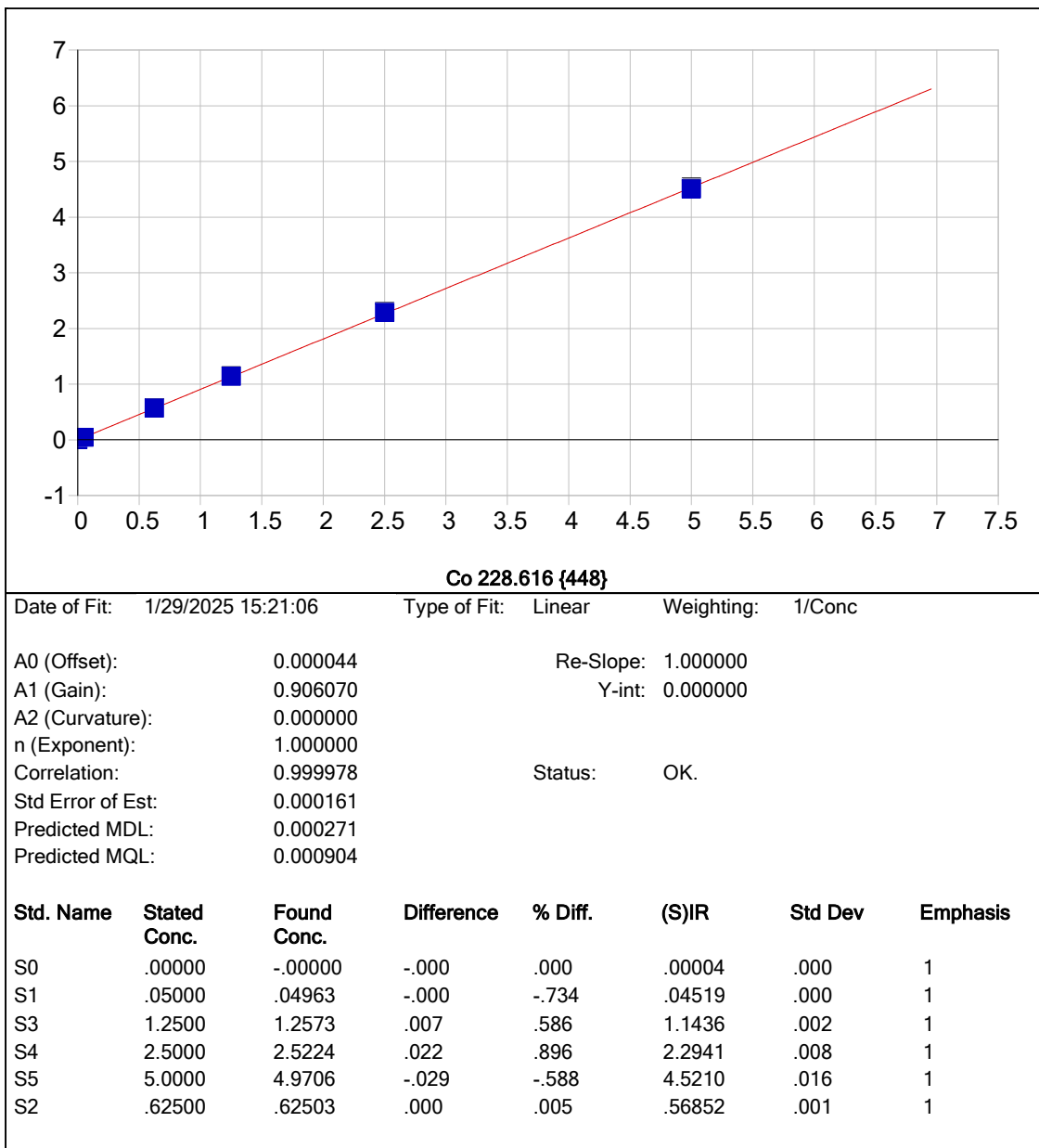


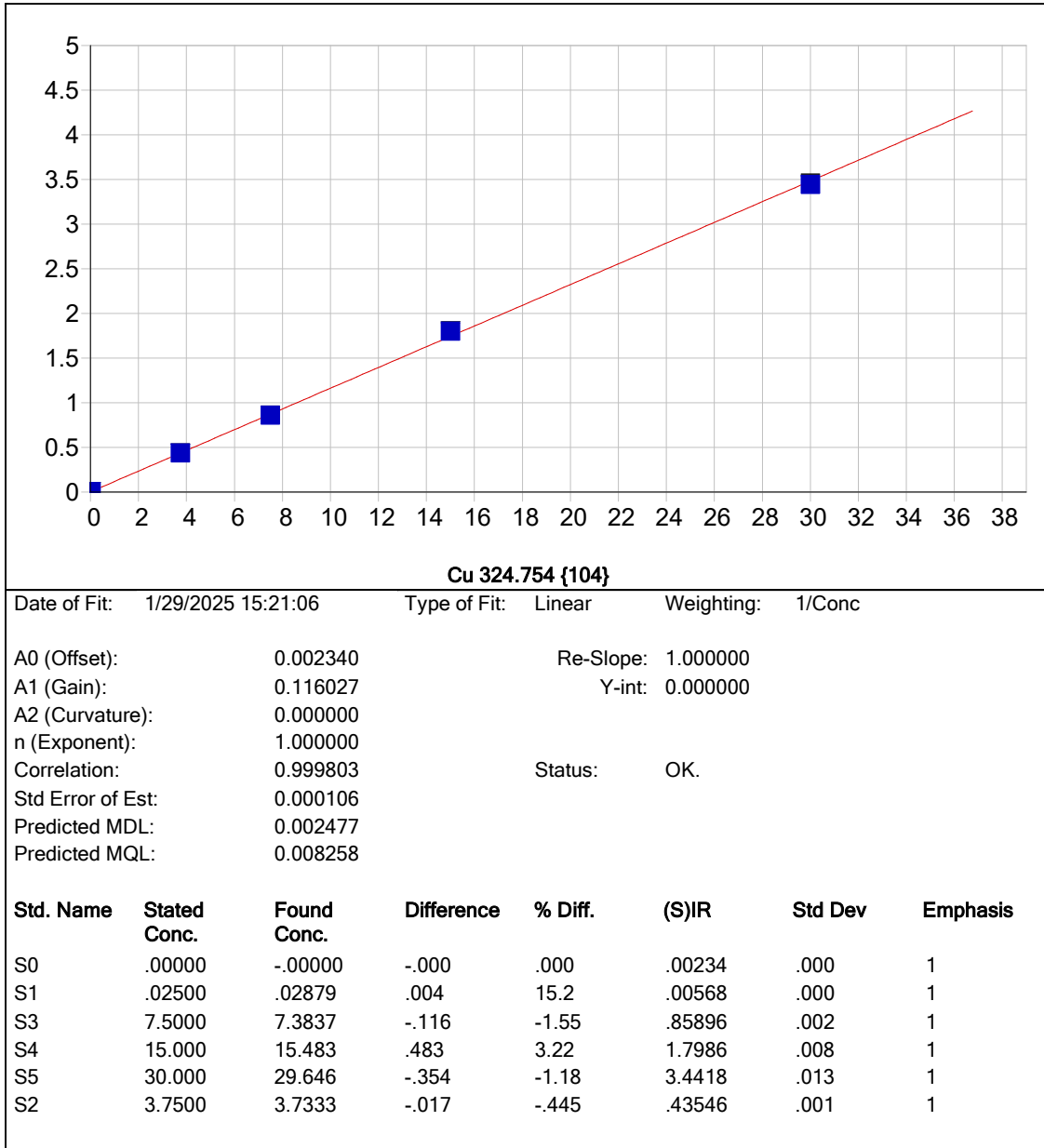


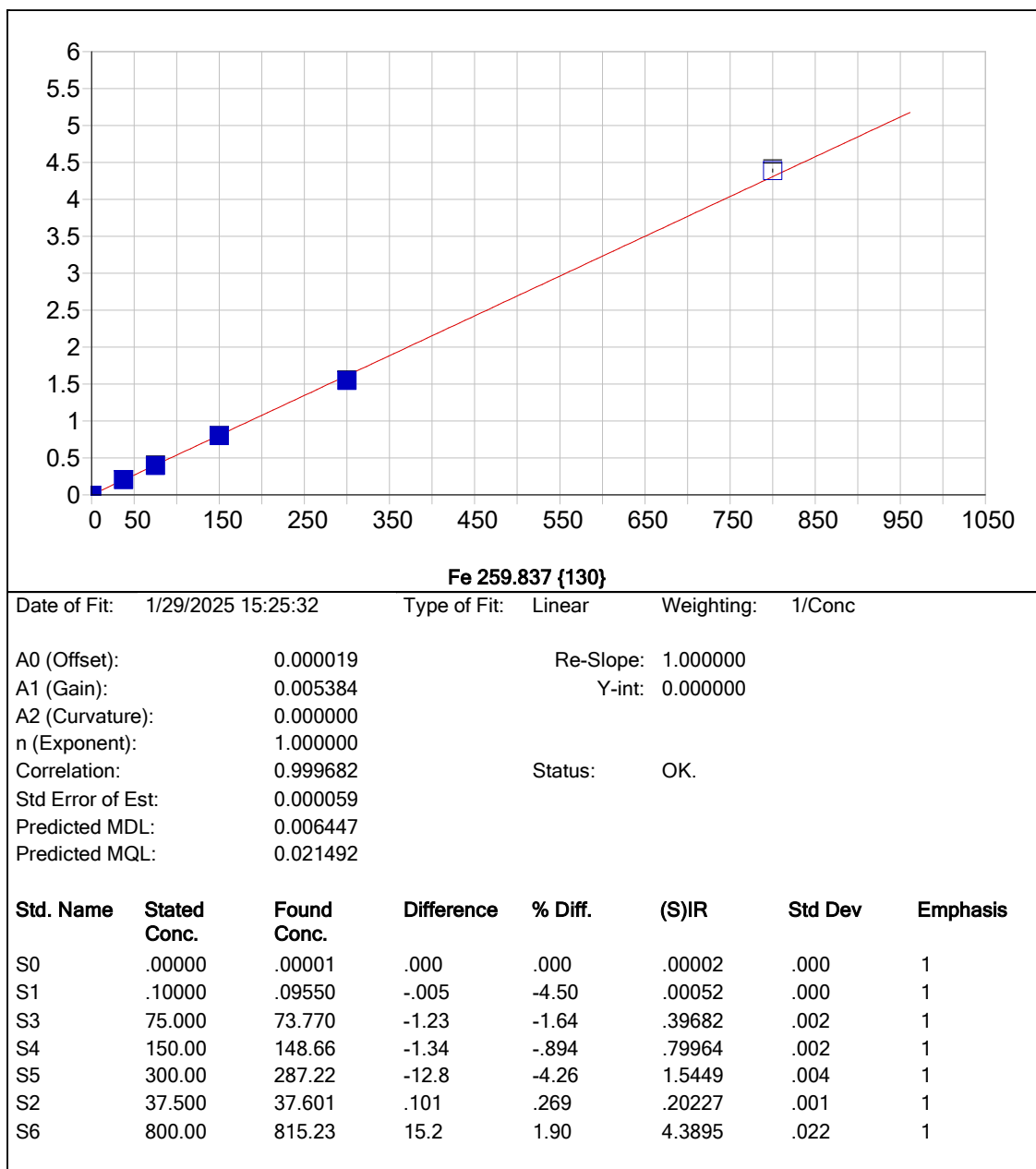


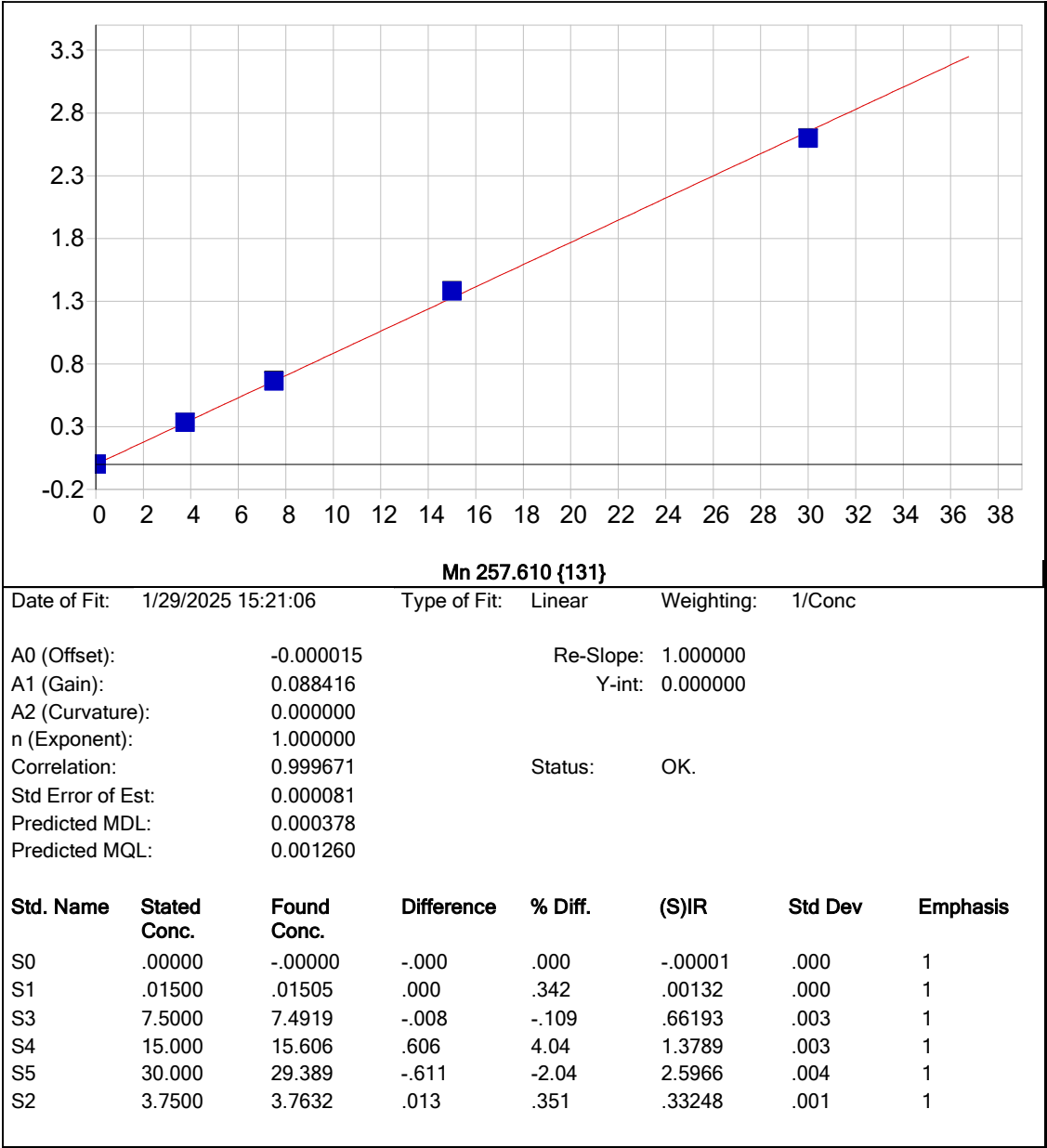


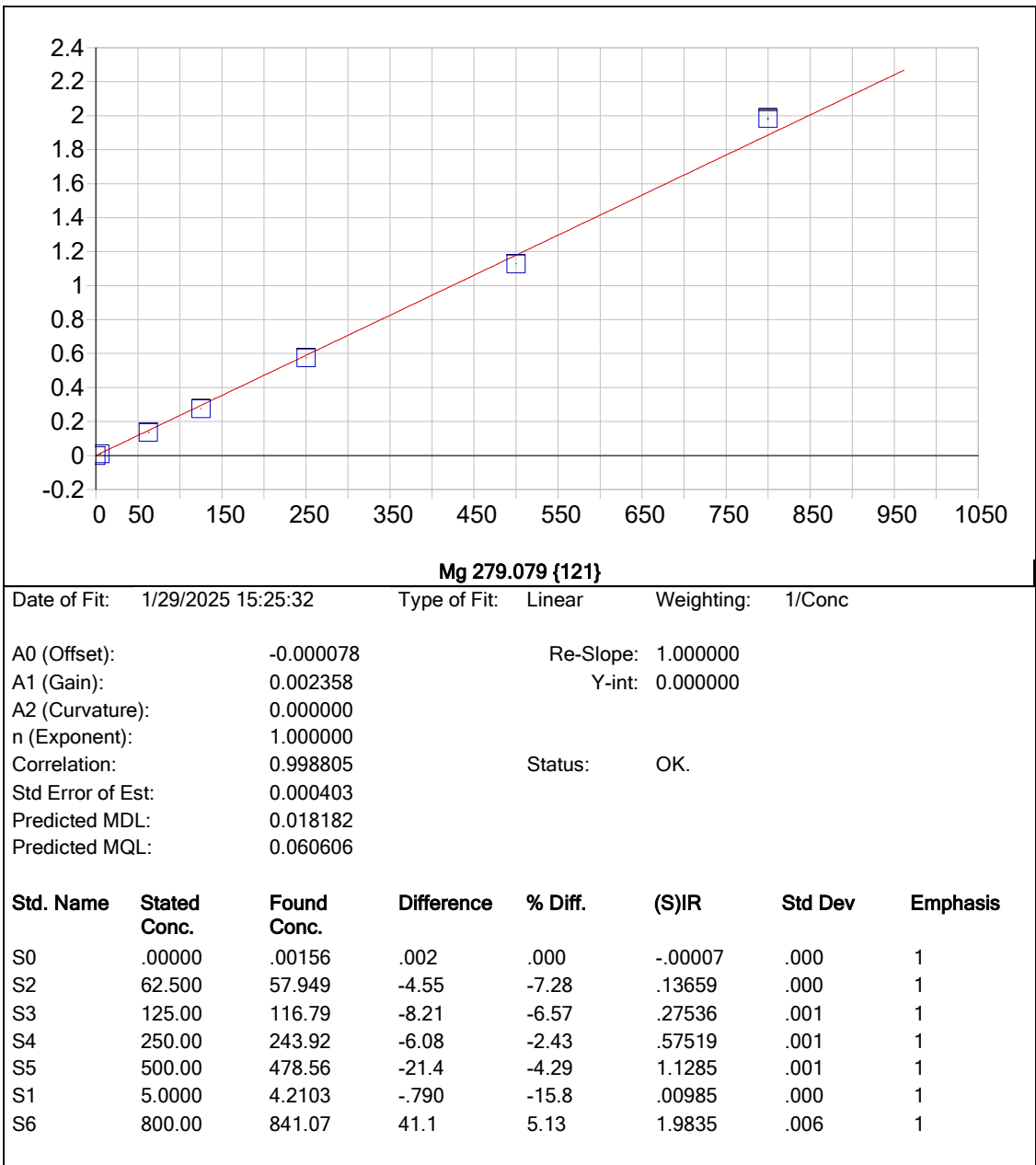


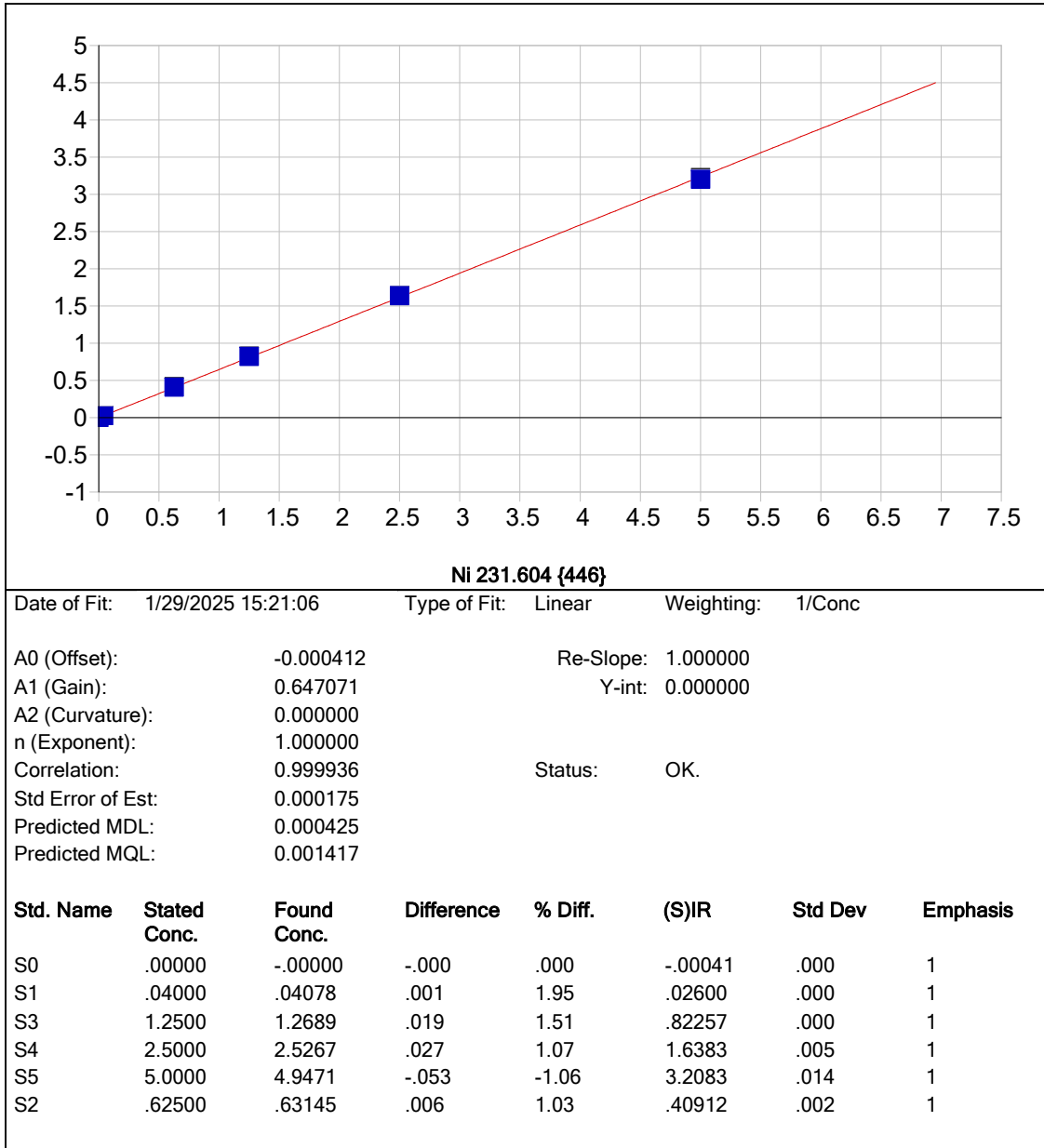


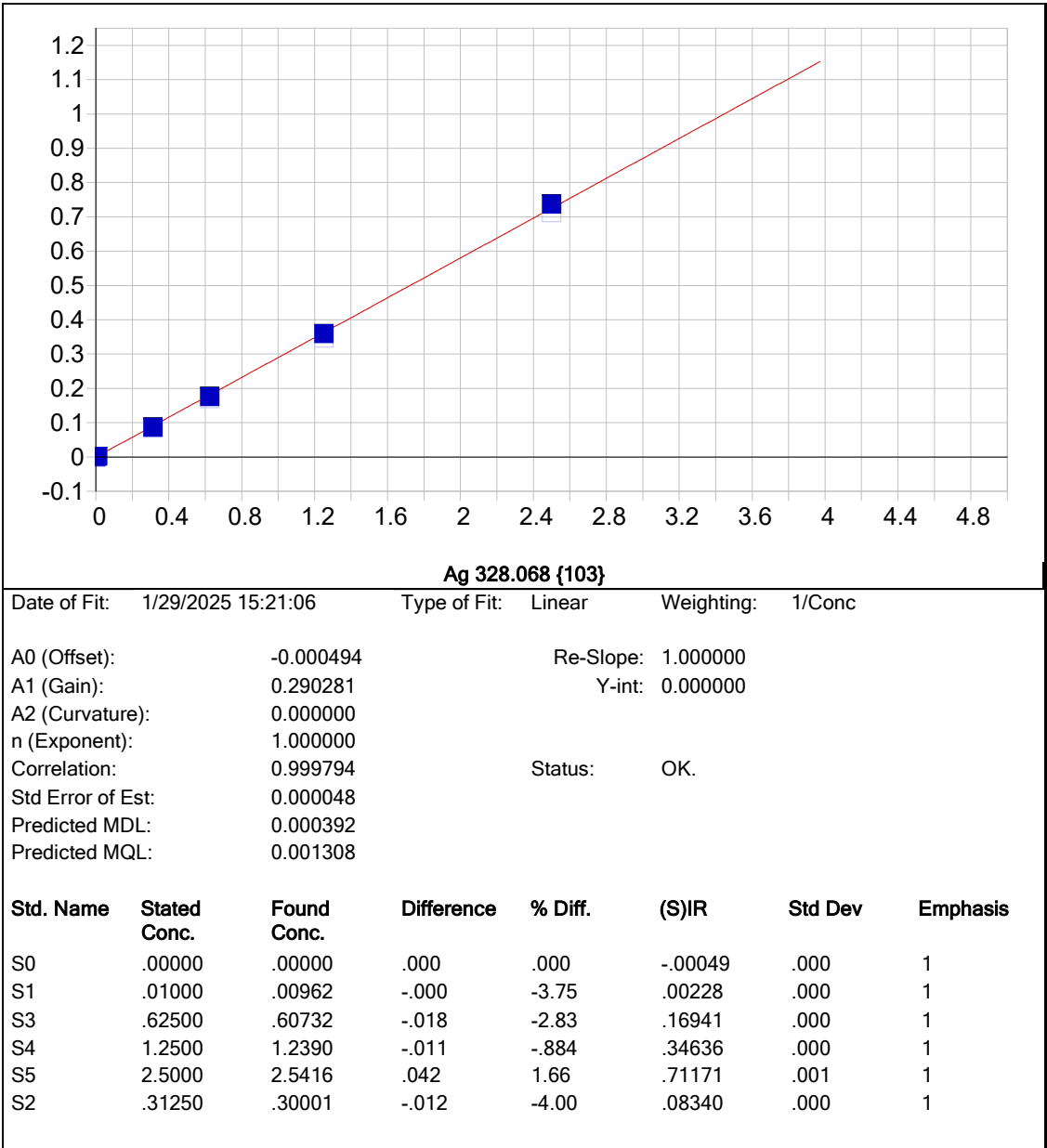






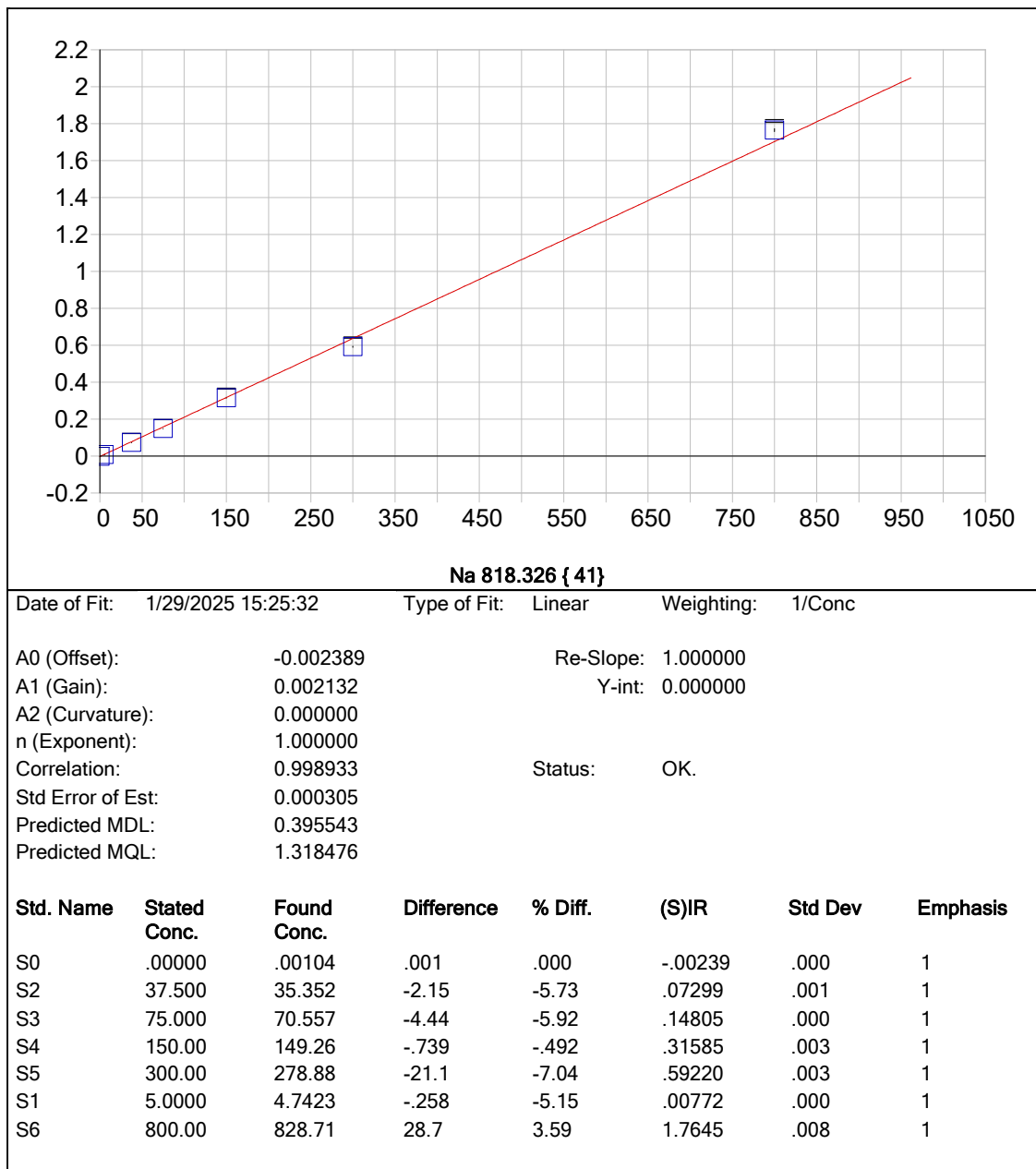


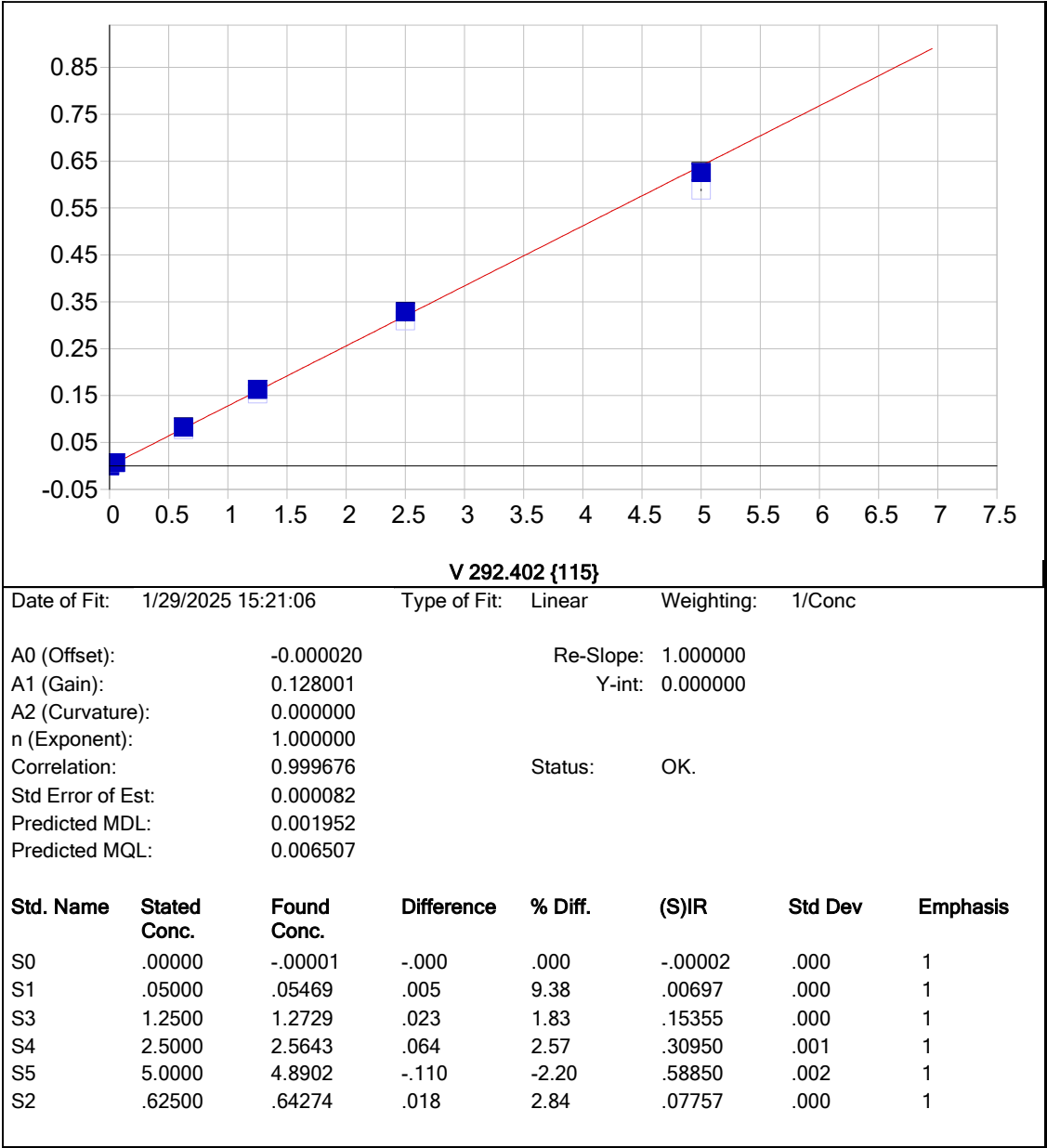


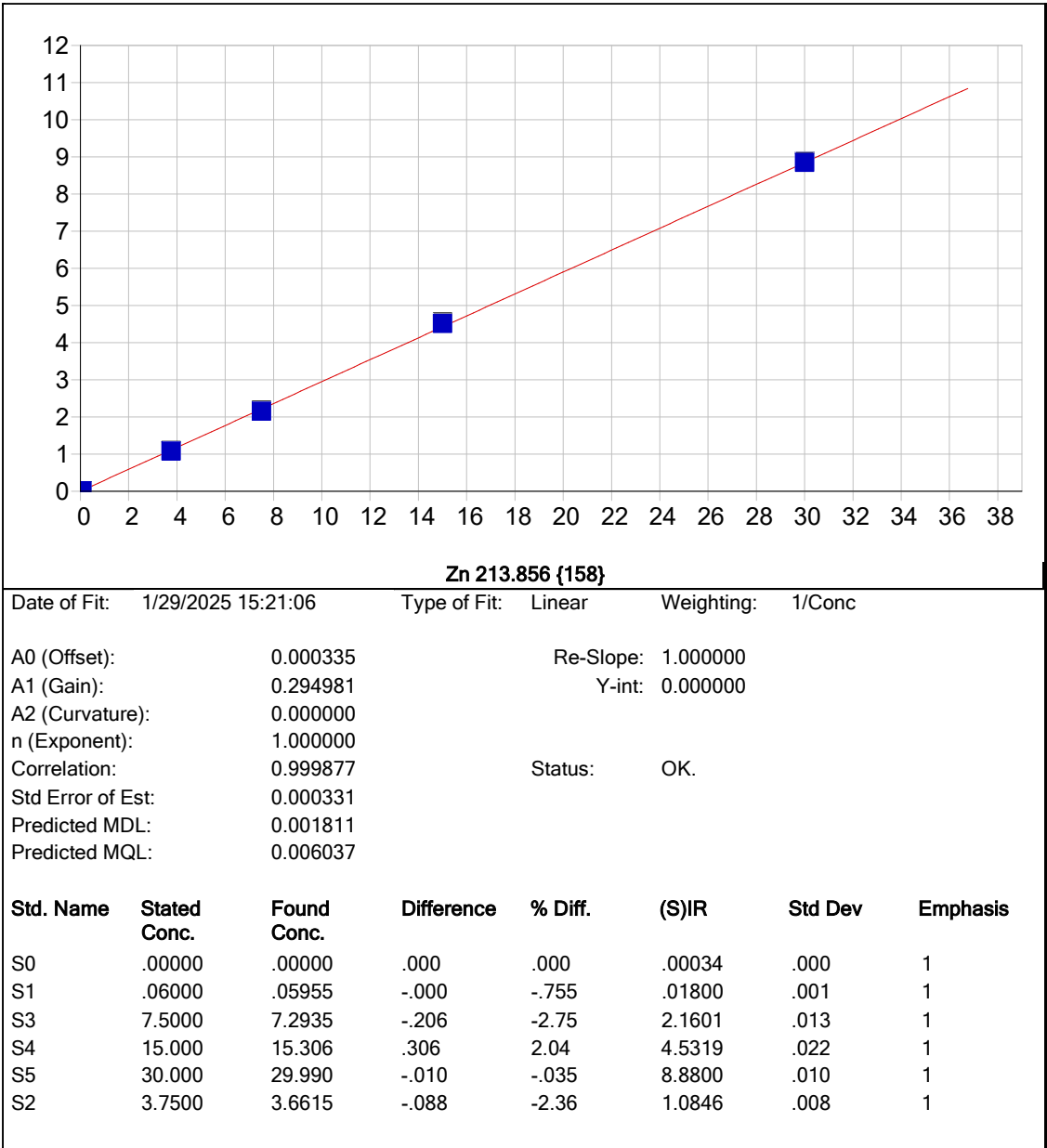


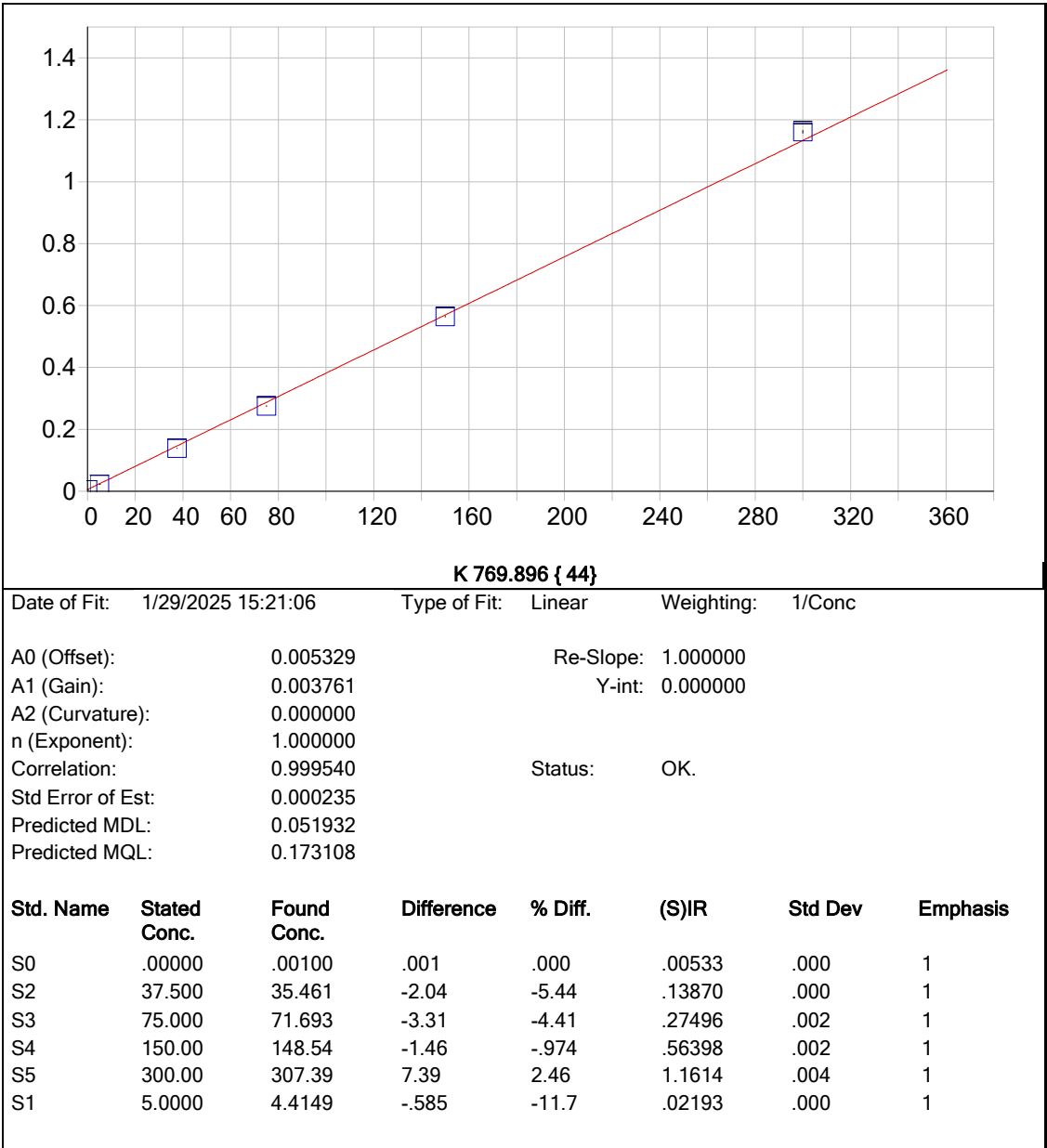
Date of Fit: 1/29/2025 15:21:06 Type of Fit: Linear Weighting: 1/Conc

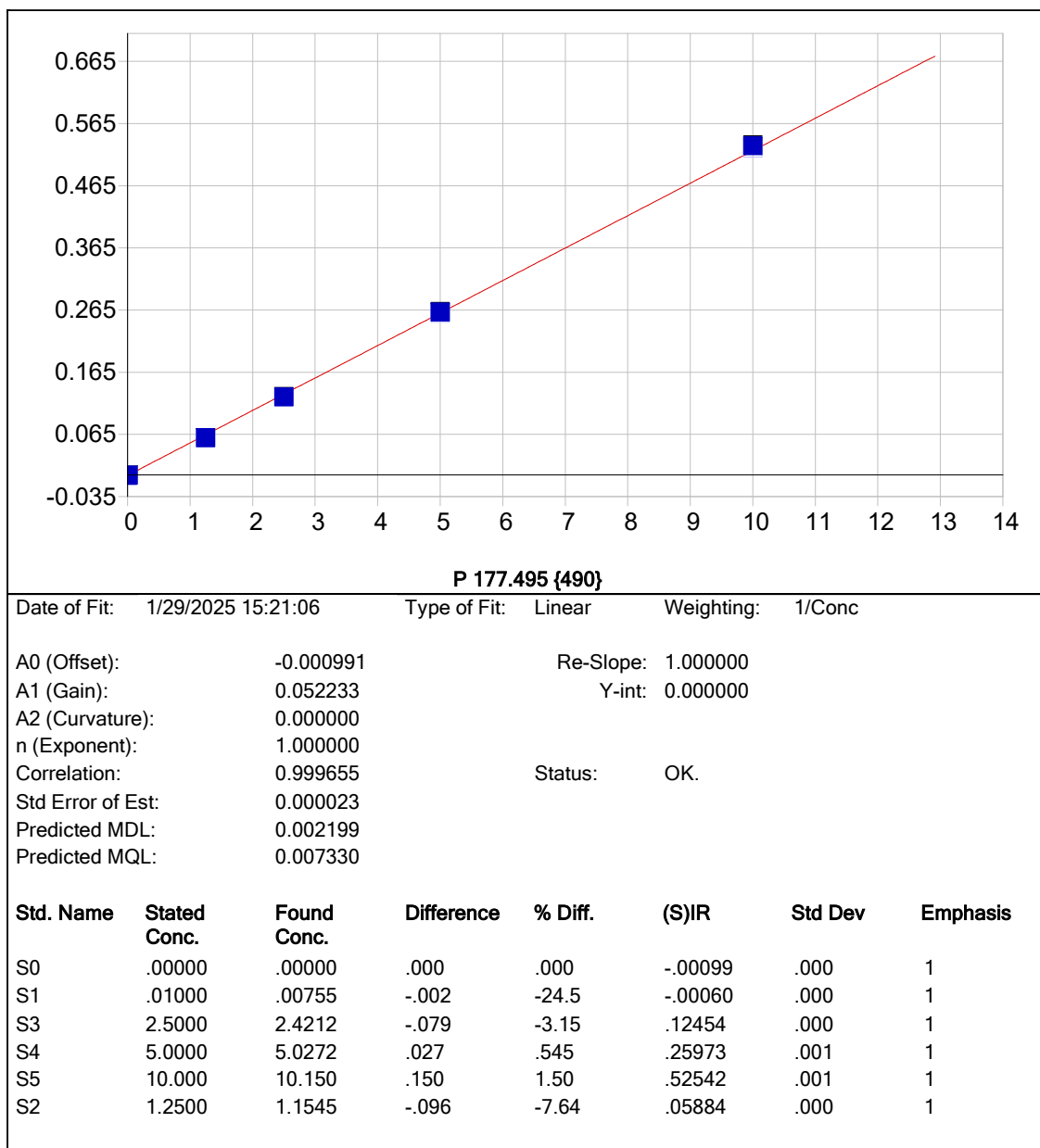
A0 (Offset): -0.000494 Re-Slope: 1.000000
A1 (Gain): 0.290281 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999794 Status: OK.
Std Error of Est: 0.000048
Predicted MDL: 0.000392
Predicted MQL: 0.001308

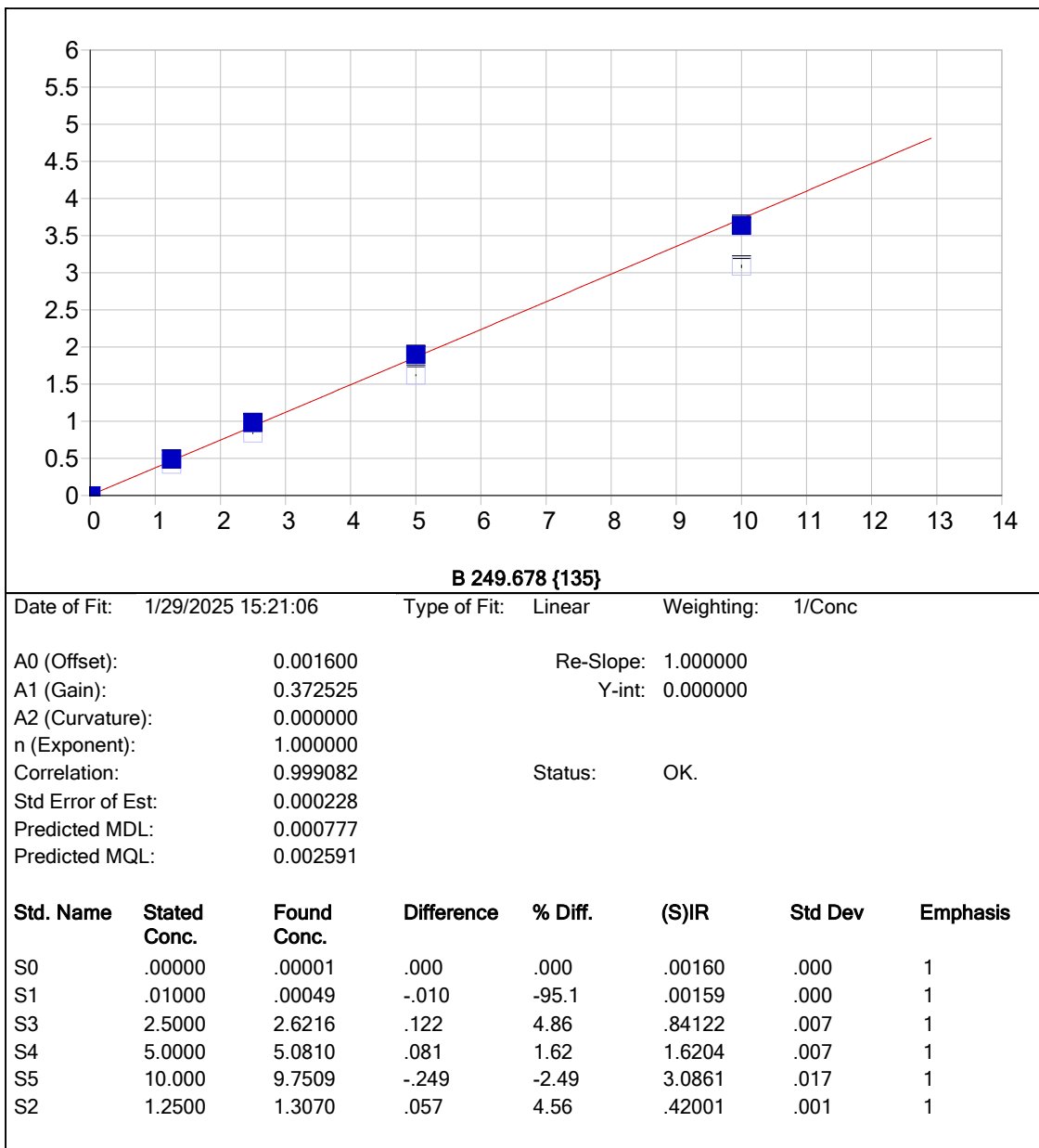


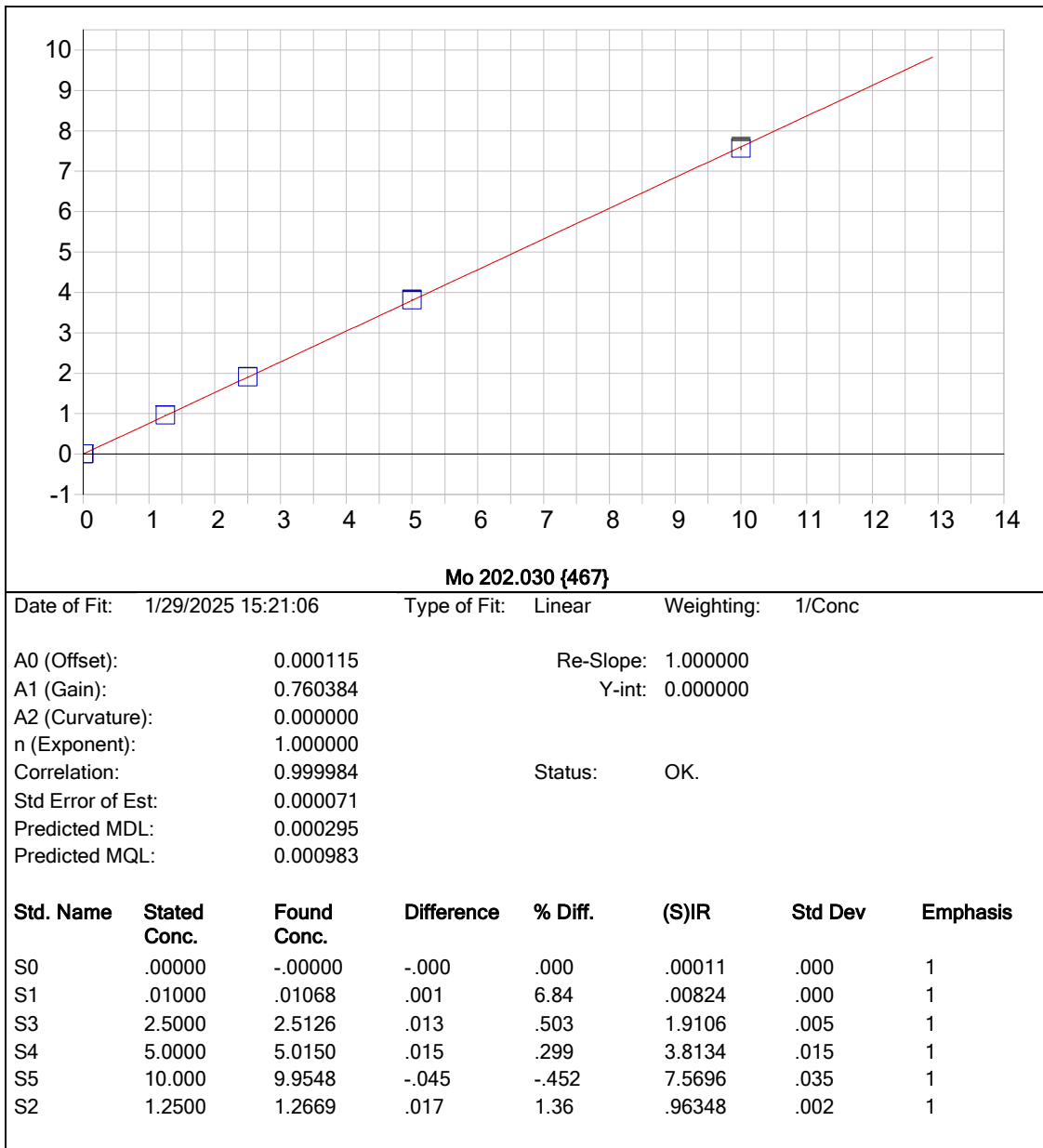


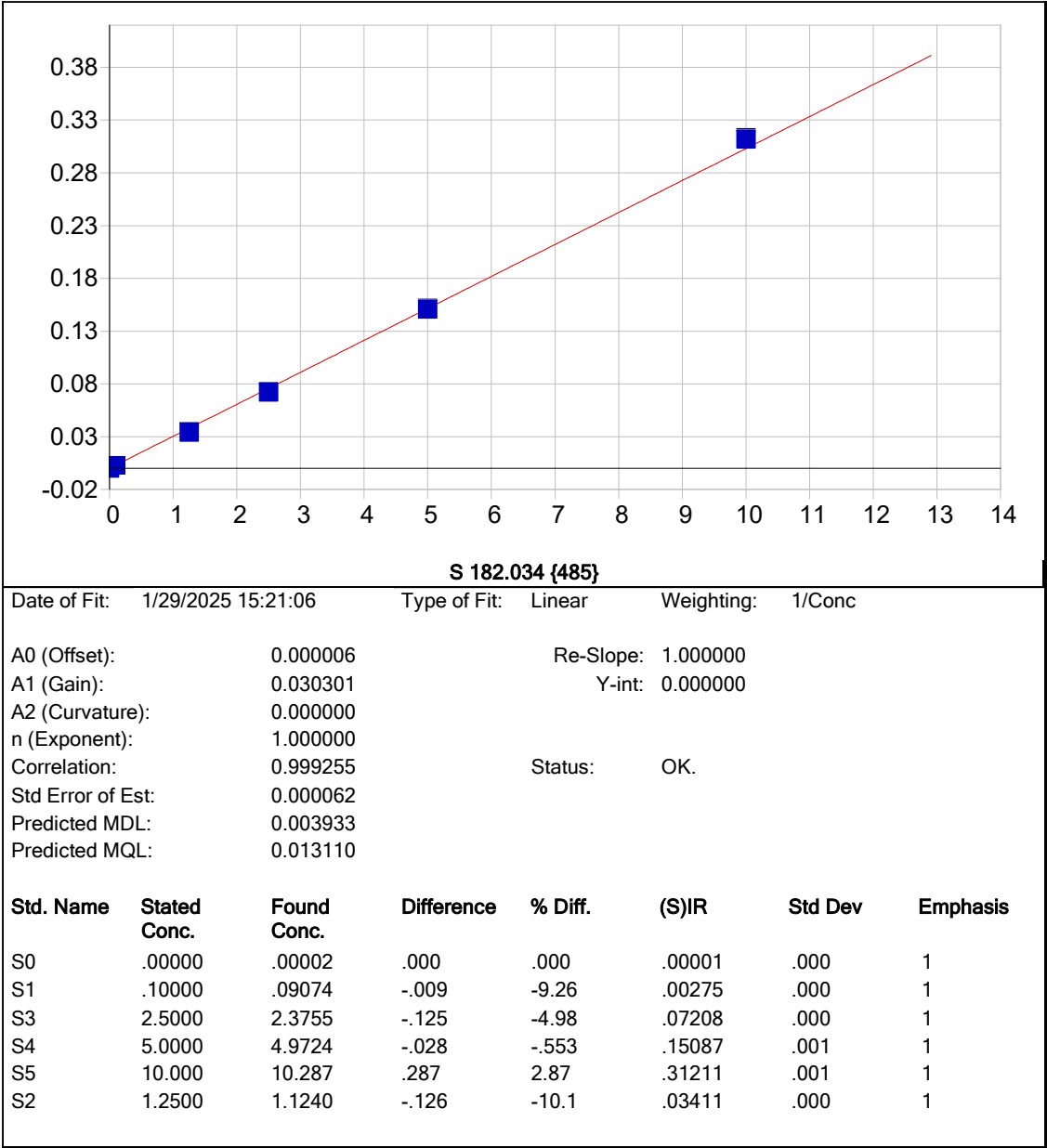


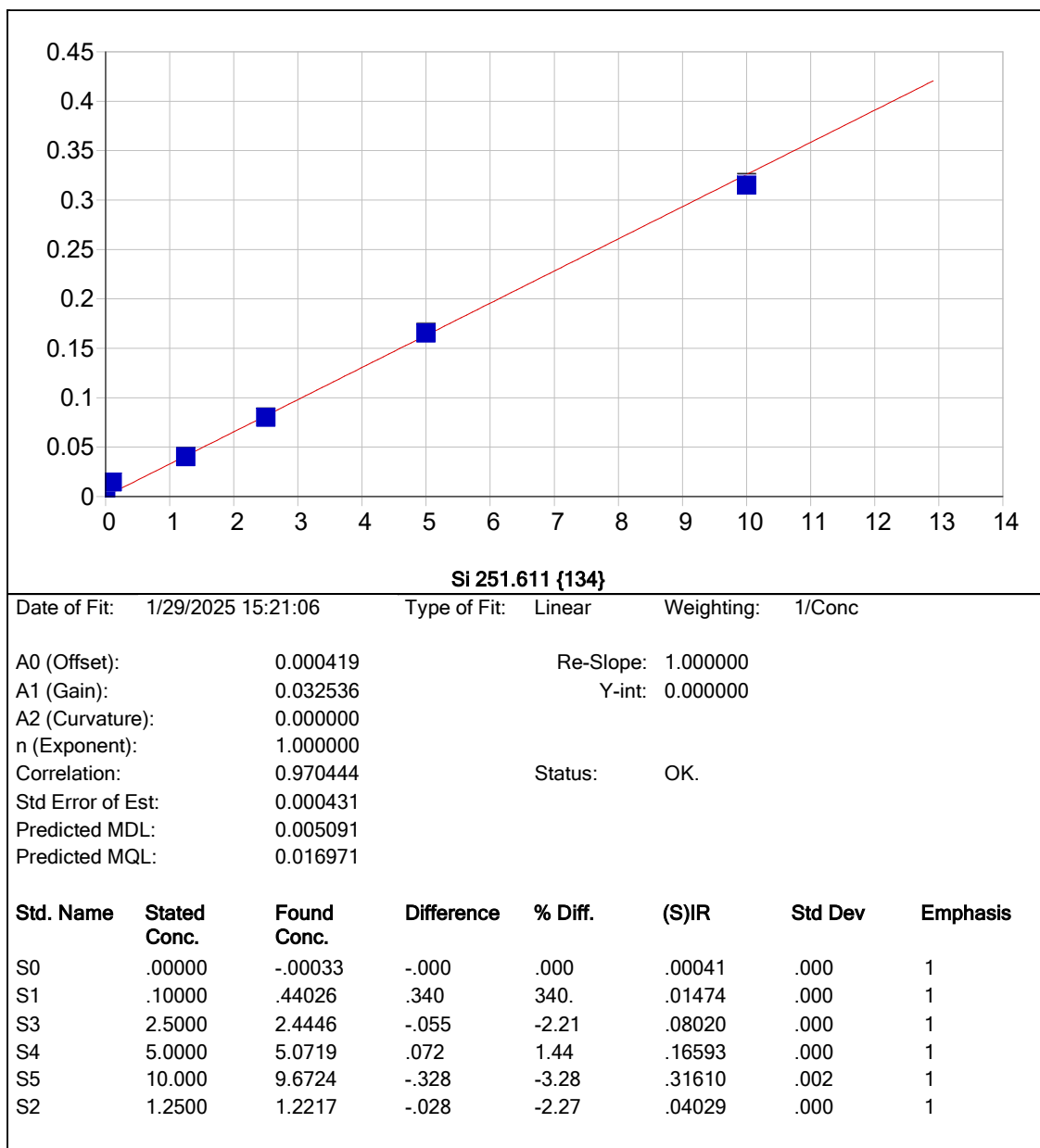


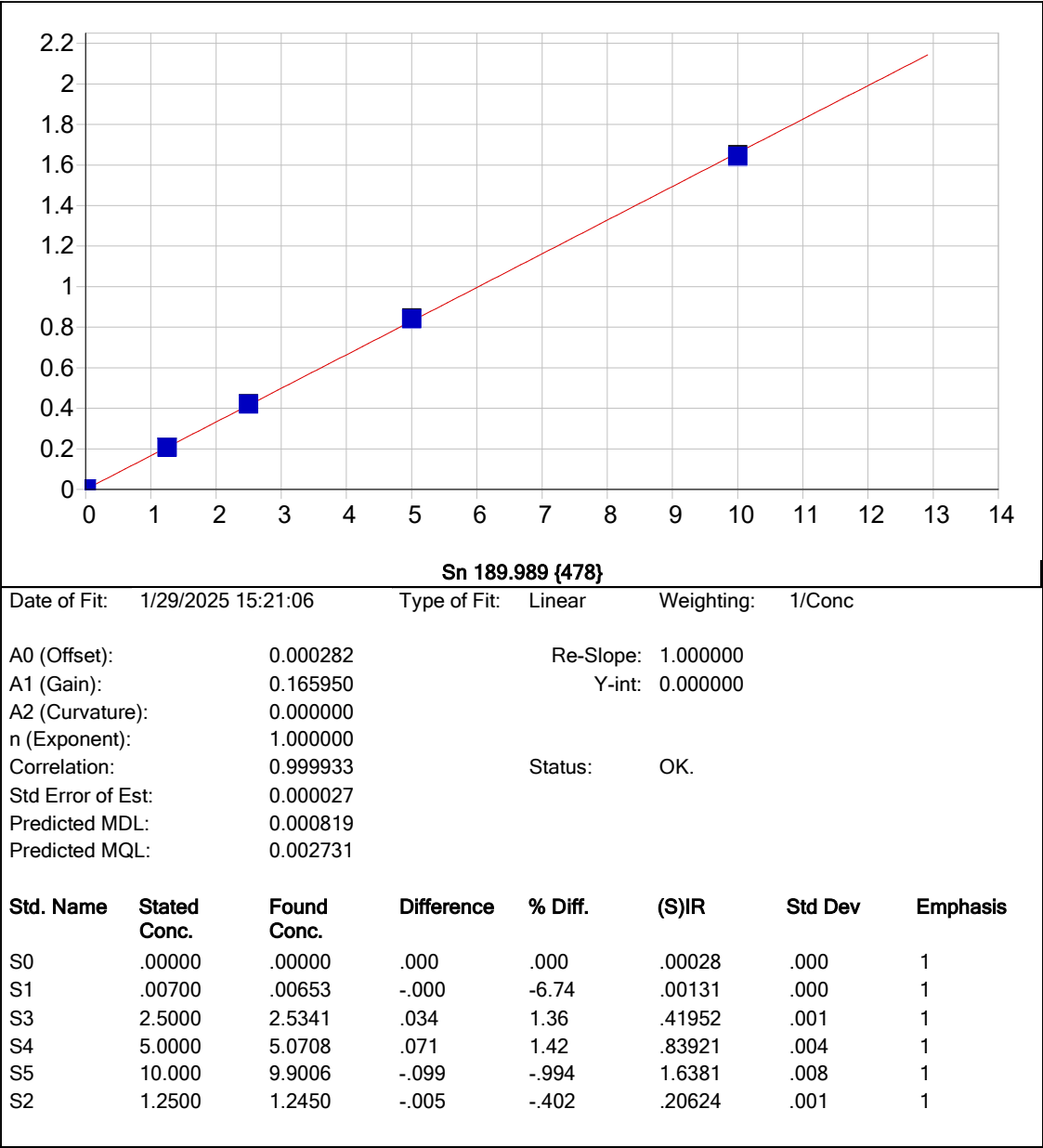


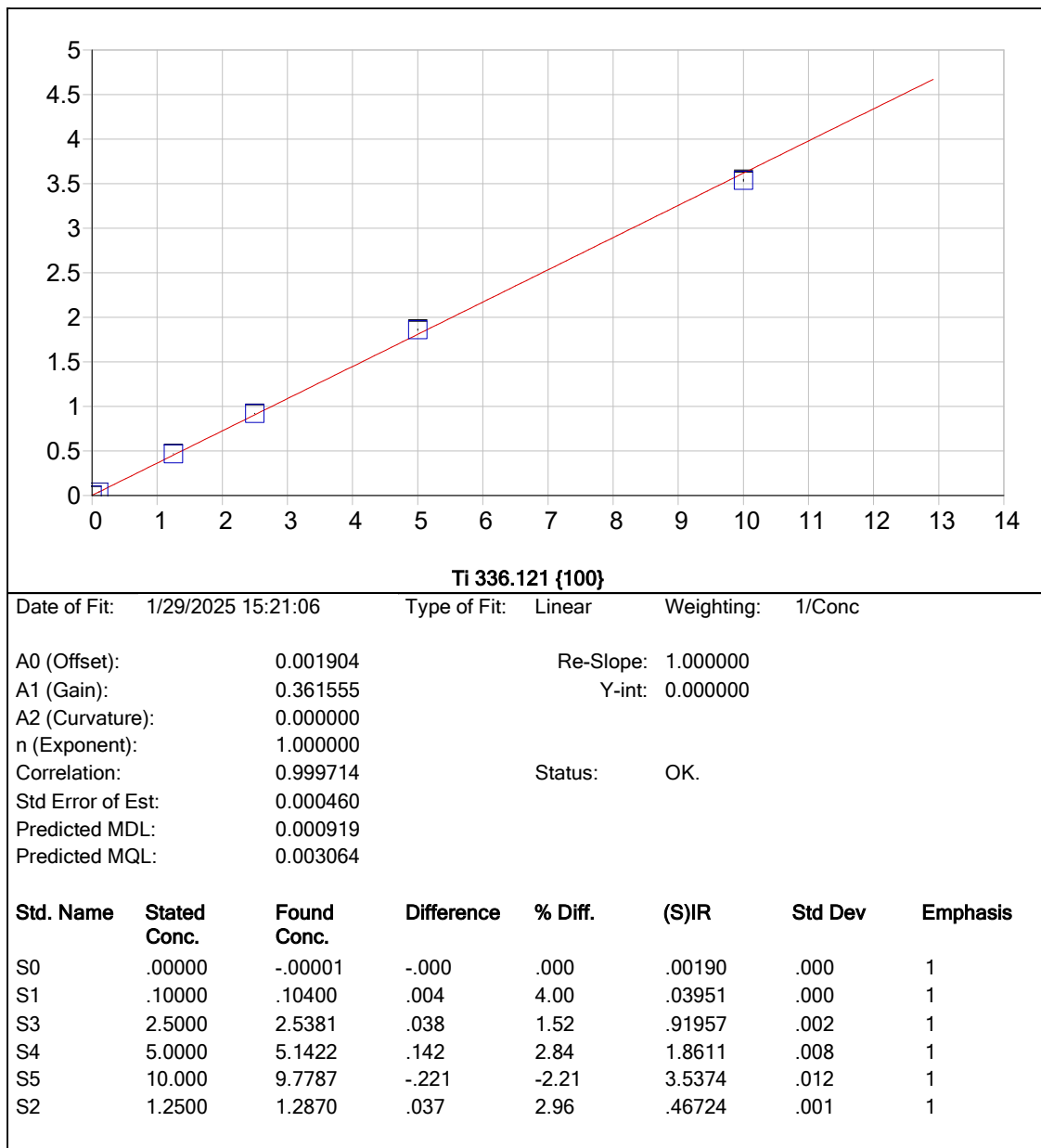


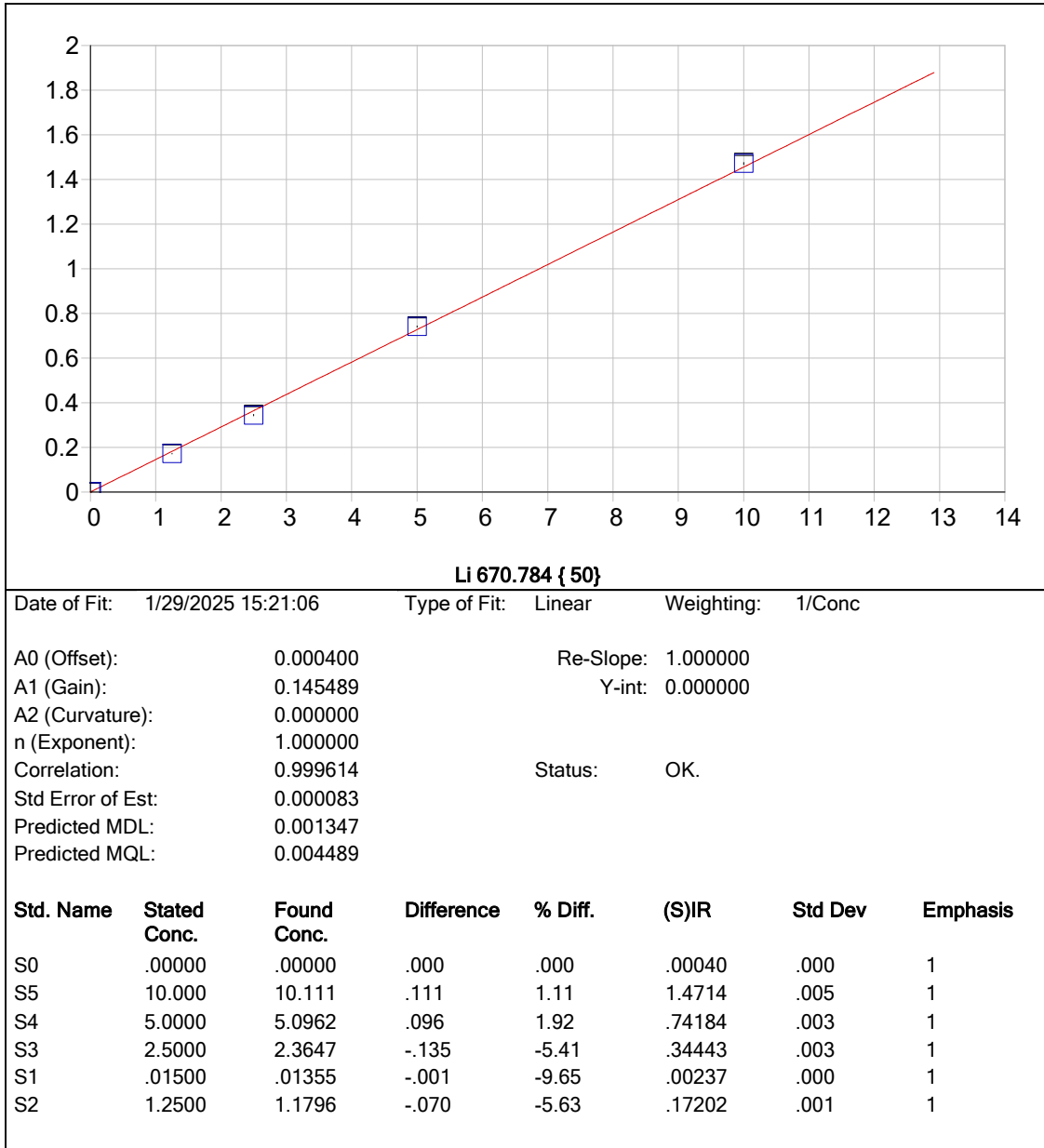


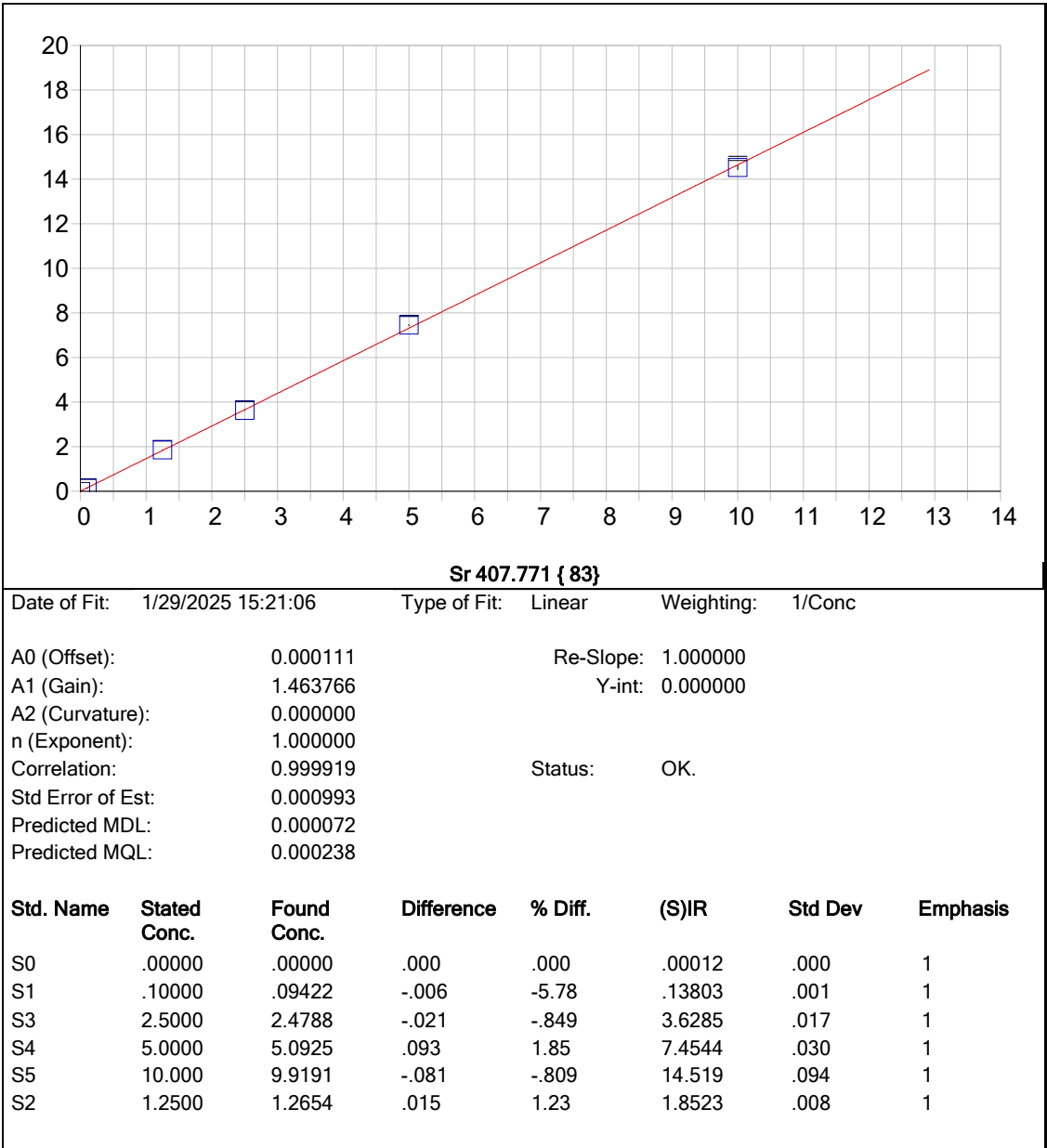






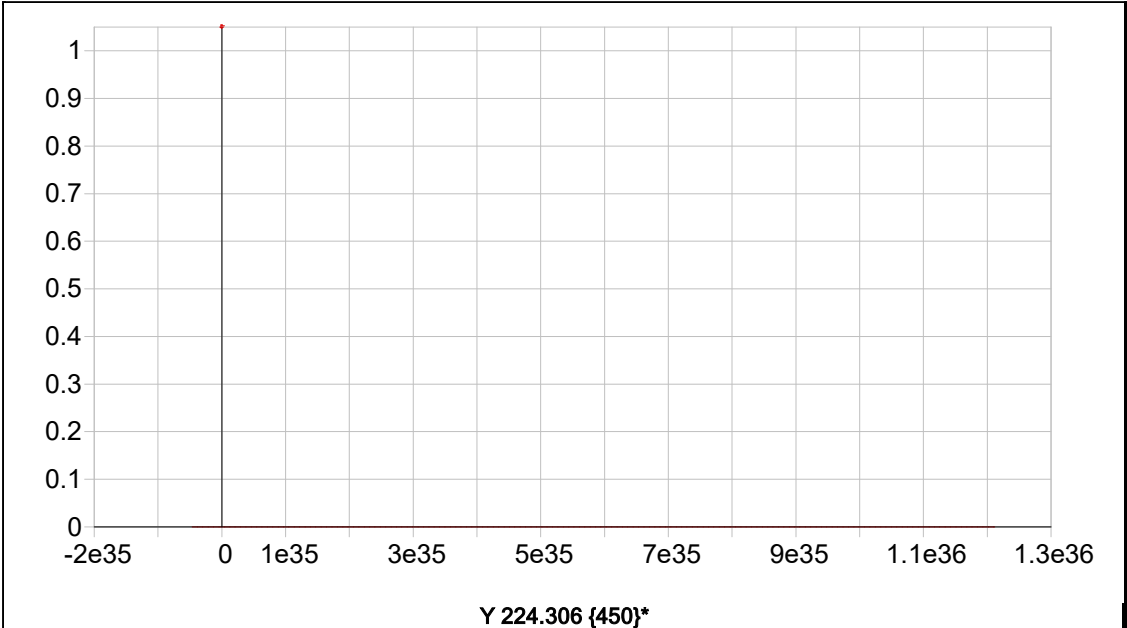






Date of Fit: 1/29/2025 15:21:06 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000111 Re-Slope: 1.000000
A1 (Gain): 1.463766 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999919 Status: OK.
Std Error of Est: 0.000993
Predicted MDL: 0.000072
Predicted MQL: 0.000238



Date of Fit: 1/29/2025 14:43:41 Type of Fit: Linear Weighting: 1/Conc

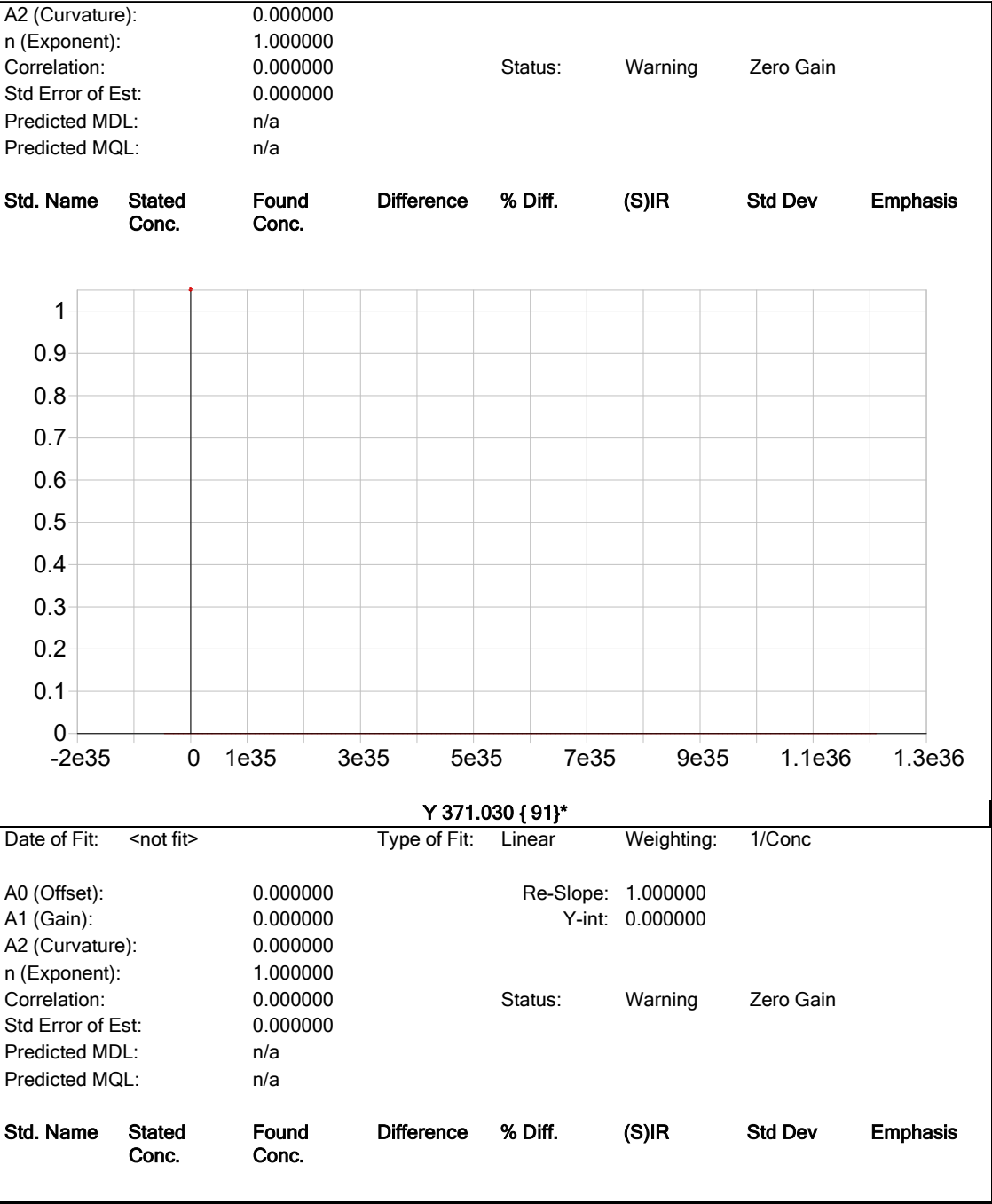
A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000



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

Sample Name: S0 Acquired: 1/29/2025 14:56:12 Type: Cal
Method: EPA SFAM01.0(v59) 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	-.00017	.00006	-.00027	.00028	.00029	.00000	.00761	.00011
Stddev	.00007	.00005	.00010	.00015	.00006	.00006	.00033	.00003
%RSD	41.217	84.285	36.550	55.700	21.255	2834.7	4.3132	30.545
#1	-.00021	.00009	-.00037	.00037	.00030	-.00003	.00772	.00012
#2	-.00021	.00009	-.00018	.00037	.00034	.00007	.00724	.00013
#3	-.00009	.00000	-.00025	.00010	.00022	-.00004	.00786	.00007
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	-.00004	.00004	-.00000	.00004	.00234	.00002	-.00001	-.00007
Stddev	.00003	.00004	.00002	.00020	.00031	.00001	.00002	.00001
%RSD	90.199	91.978	483.43	454.40	13.063	40.802	109.66	19.356
#1	-.00006	.00006	-.00002	.00018	.00265	.00002	.00000	-.00006
#2	-.00000	.00007	.00001	.00014	.00233	.00001	-.00003	-.00007
#3	-.00004	-.00000	.00000	-.00018	.00204	.00003	-.00002	-.00009
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	-.00041	-.00049	-.00239	-.00002	.00034	.00533	-.00099	.00160
Stddev	.00017	.00002	.00043	.00018	.00028	.00000	.00008	.00015
%RSD	42.163	4.8886	18.020	870.57	82.440	.00654	8.4921	9.1553
#1	-.00058	-.00051	-.00195	-.00013	.00046	.00533	-.00109	.00158
#2	-.00023	-.00051	-.00281	-.00012	.00002	.00533	-.00095	.00176
#3	-.00043	-.00047	-.00239	.00019	.00053	.00533	-.00094	.00147
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	.00011	.00001	.00041	.00028	.00190	.00040	.00012	
Stddev	.00017	.00016	.00004	.00003	.00028	.00013	.00006	
%RSD	147.91	2320.6	9.0902	10.948	14.895	32.698	50.886	
#1	-.00002	-.00017	.00039	.00030	.00192	.00044	.00006	
#2	.00006	.00006	.00045	.00030	.00161	.00051	.00011	
#3	.00031	.00013	.00038	.00025	.00217	.00026	.00018	

Sample Name: S0 Acquired: 1/29/2025 14:56:12 Type: Cal
Method: EPA SFAM01.0(v59) 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	3343.6	69827.	13258.	2338.9	4051.8
Stddev	25.1	2197.	109.	86.0	29.7
%RSD	.75178	3.1458	.82415	3.6779	.73222
#1	3352.8	67304.	13348.	2241.0	4064.7
#2	3363.0	70864.	13288.	2373.1	4072.9
#3	3315.2	71313.	13136.	2402.5	4017.9

Sample Name: S1 Acquired: 1/29/2025 15:00:28 Type: Cal
Method: EPA SFAM01.0(v59) 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	.00048	.00182	.00239	.00257	.00818	.00241	.08724	.01971
Stddev	.00019	.00006	.00010	.00020	.00007	.00009	.00102	.00022
%RSD	38.611	3.3558	4.2021	7.7950	.80053	3.6535	1.1744	1.0963

#1	.00027	.00189	.00235	.00234	.00816	.00232	.08609	.01946
#2	.00061	.00181	.00231	.00263	.00826	.00242	.08757	.01983
#3	.00057	.00177	.00250	.00273	.00813	.00250	.08806	.01984

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	.01398	.04095	.00181	.04519	.00568	.00052	.00132	.00985
Stddev	.00011	.00032	.00006	.00026	.00041	.00002	.00000	.00009
%RSD	.75118	.77427	3.5146	.57052	7.2164	4.3711	.09298	.89940

#1	.01388	.04061	.00178	.04540	.00564	.00050	.00131	.00975
#2	.01399	.04101	.00188	.04490	.00611	.00053	.00132	.00990
#3	.01409	.04123	.00176	.04527	.00529	.00054	.00132	.00991

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	.02600	.00228	.00772	.00697	.01800	.02193	-.00060	.00159
Stddev	.00031	.00008	.00050	.00020	.00068	.00020	.00006	.00021
%RSD	1.1911	3.3892	6.4102	2.9147	3.7756	.89278	9.3858	13.438

#1	.02633	.00222	.00732	.00717	.01879	.02192	-.00060	.00136
#2	.02598	.00237	.00758	.00698	.01759	.02214	-.00054	.00164
#3	.02571	.00226	.00827	.00676	.01763	.02175	-.00066	.00177

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	.00824	.00275	.01474	.00131	.03951	.00237	.13803
Stddev	.00016	.00001	.00026	.00010	.00024	.00006	.00138
%RSD	1.9621	.52399	1.7816	7.8587	.61200	2.7396	1.0013

#1	.00841	.00274	.01502	.00122	.03975	.00236	.13657
#2	.00809	.00276	.01471	.00143	.03950	.00244	.13820
#3	.00822	.00276	.01450	.00129	.03927	.00231	.13932

Sample Name: S1 Acquired: 1/29/2025 15:00:28 Type: Cal
Method: EPA SFAM01.0(v59) 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	3304.0	69989.	13082.	2337.6	3957.6
Stddev	1.1	129.	132.	8.4	2.3
%RSD	.03434	.18414	1.0070	.36092	.05752
#1	3303.7	70073.	12955.	2344.3	3955.3
#2	3305.3	70054.	13072.	2340.3	3959.8
#3	3303.1	69841.	13218.	2328.1	3957.7

Sample Name: S2 Acquired: 1/29/2025 15:04:43 Type: Cal
Method: EPA SFAM01.0(v59) 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	.07415	.08683	1.5293	.07533	.16884	.45755	1.0741	.46130
Stddev	.00016	.00054	.0017	.00038	.00024	.00146	.0057	.00202
%RSD	.21176	.62320	.10969	.49999	.14481	.31956	.53460	.43816

#1	.07430	.08647	1.5280	.07538	.16858	.45601	1.0680	.46241
#2	.07399	.08745	1.5289	.07494	.16890	.45773	1.0749	.46252
#3	.07415	.08657	1.5312	.07568	.16906	.45892	1.0794	.45897

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	1.7461	.53066	.67926	.56852	.43546	.20227	.33248	.13659
Stddev	.0036	.00141	.00036	.00112	.00122	.00081	.00130	.00040
%RSD	.20607	.26556	.05361	.19639	.27931	.40246	.39170	.29632

#1	1.7421	.52906	.67895	.56730	.43506	.20144	.33122	.13613
#2	1.7475	.53124	.67966	.56876	.43683	.20232	.33241	.13674
#3	1.7489	.53169	.67917	.56949	.43450	.20306	.33382	.13689

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	.40912	.08340	.07299	.07757	1.0846	.13870	.05884	.42001
Stddev	.00182	.00018	.00095	.00010	.0083	.00033	.00005	.00061
%RSD	.44571	.21613	1.2960	.12663	.76794	.23605	.09312	.14534

#1	.40704	.08358	.07406	.07752	1.0750	.13837	.05882	.42043
#2	.40993	.08339	.07260	.07751	1.0903	.13870	.05880	.42029
#3	.41041	.08322	.07230	.07769	1.0884	.13902	.05891	.41931

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	.96348	.03411	.04029	.20624	.46724	.17202	1.8523
Stddev	.00192	.00027	.00013	.00061	.00140	.00087	.0078
%RSD	.19944	.78002	.32056	.29760	.29875	.50322	.42338

#1	.96151	.03437	.04016	.20553	.46600	.17121	1.8450
#2	.96358	.03384	.04030	.20661	.46875	.17192	1.8515
#3	.96535	.03414	.04041	.20658	.46696	.17293	1.8606

Sample Name: S2 Acquired: 1/29/2025 15:04:43 Type: Cal
Method: EPA SFAM01.0(v59) 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	3203.8	66626.	13210.	2232.1	3628.8
Stddev	1.0	40.	69.	9.5	5.1
%RSD	.03155	.06048	.51886	.42703	.14154
#1	3204.5	66655.	13168.	2235.3	3634.3
#2	3204.2	66580.	13173.	2221.3	3624.2
#3	3202.6	66643.	13289.	2239.5	3627.9

Sample Name: S3 Acquired: 1/29/2025 15:08:39 Type: Cal
Method: EPA SFAM01.0(v59) 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	.15018	.17295	3.0860	.15104	.34204	.91985	2.1382	.93362
Stddev	.00026	.00034	.0076	.00039	.00048	.00564	.0217	.00694
%RSD	.17462	.19691	.24619	.25790	.13986	.61292	1.0149	.74382

#1	.15027	.17330	3.0908	.15061	.34199	.92430	2.1565	.92994
#2	.14988	.17262	3.0773	.15136	.34159	.92175	2.1440	.92929
#3	.15038	.17292	3.0901	.15115	.34255	.91351	2.1142	.94163

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	3.5417	1.0548	1.3386	1.1436	.85896	.39682	.66193	.27536
Stddev	.0091	.0051	.0029	.0021	.00189	.00182	.00348	.00082
%RSD	.25706	.48743	.22006	.18603	.21956	.45786	.52519	.29633

#1	3.5438	1.0593	1.3417	1.1440	.86113	.39849	.66439	.27592
#2	3.5318	1.0560	1.3359	1.1413	.85805	.39707	.66344	.27574
#3	3.5496	1.0492	1.3380	1.1454	.85770	.39489	.65795	.27443

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	.82257	.16941	.14805	.15355	2.1601	.27496	.12454	.84122
Stddev	.00044	.00021	.00048	.00034	.0129	.00157	.00021	.00742
%RSD	.05302	.12196	.32579	.22114	.59784	.57170	.17065	.88184

#1	.82283	.16937	.14810	.15389	2.1666	.27628	.12430	.83878
#2	.82280	.16963	.14754	.15321	2.1685	.27538	.12471	.83533
#3	.82206	.16922	.14850	.15355	2.1453	.27322	.12461	.84956

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	1.9106	.07208	.08020	.41952	.91957	.34443	3.6285
Stddev	.0046	.00022	.00021	.00065	.00218	.00320	.0168
%RSD	.23932	.31187	.26698	.15491	.23660	.92845	.46261

#1	1.9102	.07196	.07997	.41951	.92196	.34706	3.6475
#2	1.9063	.07194	.08023	.41888	.91770	.34536	3.6220
#3	1.9154	.07234	.08040	.42018	.91905	.34087	3.6159

Sample Name: S3 Acquired: 1/29/2025 15:08:39 Type: Cal
Method: EPA SFAM01.0(v59) 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	3093.8	65077.	12911.	2185.2	3420.0
Stddev	6.5	60.	84.	2.8	1.8
%RSD	.21163	.09216	.65340	.12940	.05360
#1	3098.2	65017.	12956.	2187.9	3421.7
#2	3096.8	65077.	12964.	2182.3	3420.0
#3	3086.2	65137.	12814.	2185.6	3418.1

Sample Name: S4 Acquired: 1/29/2025 15:12:36 Type: Cal
Method: EPA SFAM01.0(v59) 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	.30725	.33591	6.1962	.30623	.69977	1.9216	4.4517	1.8310
Stddev	.00197	.00257	.0239	.00175	.00450	.0071	.0088	.0065
%RSD	.64176	.76562	.38637	.57105	.64316	.37038	.19862	.35386

#1	.30587	.33535	6.1888	.30498	.69543	1.9178	4.4595	1.8297
#2	.30638	.33367	6.1769	.30549	.69947	1.9298	4.4533	1.8253
#3	.30951	.33872	6.2230	.30823	.70441	1.9172	4.4421	1.8380

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	7.0497	2.1640	2.6144	2.2941	1.7986	.79964	1.3789	.57519
Stddev	.0228	.0031	.0024	.0077	.0079	.00219	.0029	.00099
%RSD	.32412	.14243	.09257	.33792	.43802	.27350	.20846	.17143

#1	7.0474	2.1629	2.6119	2.2900	1.8068	.79798	1.3808	.57477
#2	7.0281	2.1675	2.6167	2.2893	1.7911	.80212	1.3803	.57631
#3	7.0736	2.1616	2.6147	2.3031	1.7979	.79882	1.3756	.57448

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	1.6383	.34636	.31585	.30950	4.5319	.56398	.25973	1.6204
Stddev	.0048	.00023	.00285	.00081	.0224	.00153	.00087	.0070
%RSD	.29402	.06740	.90291	.26195	.49512	.27055	.33684	.43138

#1	1.6374	.34626	.31887	.31008	4.5552	.56335	.25969	1.6256
#2	1.6341	.34663	.31320	.30857	4.5302	.56571	.25888	1.6125
#3	1.6436	.34620	.31549	.30984	4.5104	.56286	.26062	1.6232

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	3.8134	.15087	.16593	.83921	1.8611	.74184	7.4544	
Stddev	.0155	.00054	.00044	.00383	.0082	.00261	.0299	
%RSD	.40535	.35989	.26614	.45602	.44177	.35236	.40089	

#1	3.8044	.15049	.16639	.83786	1.8673	.74240	7.4219	
#2	3.8046	.15061	.16587	.83624	1.8518	.74413	7.4807	
#3	3.8313	.15149	.16551	.84353	1.8641	.73899	7.4606	

Sample Name: S4 Acquired: 1/29/2025 15:12:36 Type: Cal
Method: EPA SFAM01.0(v59) 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	2910.8	62779.	12719.	2087.3	3166.3
Stddev	6.8	119.	60.	3.8	4.6
%RSD	.23497	.18937	.47487	.18155	.14498
#1	2917.5	62915.	12711.	2083.0	3168.0
#2	2911.1	62698.	12783.	2088.8	3169.8
#3	2903.8	62722.	12663.	2090.1	3161.1

Sample Name: S5 Acquired: 1/29/2025 15:16:38 Type: Cal
Method: EPA SFAM01.0(v59) 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	.63609	.63940	12.188	.62626	1.4480	3.8556	8.5860	3.6229
Stddev	.00279	.00600	.047	.00264	.0057	.0227	.0387	.0189
%RSD	.43819	.93794	.38749	.42103	.39622	.58992	.45094	.52172

#1	.63463	.63355	12.172	.62396	1.4449	3.8294	8.6290	3.6089
#2	.63433	.63910	12.151	.62568	1.4445	3.8676	8.5539	3.6154
#3	.63930	.64554	12.242	.62914	1.4546	3.8699	8.5750	3.6444

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	13.640	4.1591	4.9779	4.5210	3.4418	1.5449	2.5966	1.1285
Stddev	.060	.0184	.0117	.0163	.0133	.0045	.0037	.0014
%RSD	.43985	.44137	.23503	.35964	.38617	.28926	.14407	.12029

#1	13.615	4.1415	4.9760	4.5145	3.4303	1.5495	2.5947	1.1299
#2	13.596	4.1781	4.9905	4.5090	3.4387	1.5447	2.6009	1.1286
#3	13.708	4.1575	4.9673	4.5395	3.4563	1.5405	2.5941	1.1272

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	3.2083	.71171	.59220	.58850	8.8800	1.1614	.52542	3.0861
Stddev	.0138	.00061	.00339	.00158	.0096	.0044	.00135	.0168
%RSD	.42950	.08509	.57187	.26810	.10761	.37563	.25671	.54269

#1	3.2051	.71237	.58886	.58756	8.8707	1.1661	.52612	3.0713
#2	3.1964	.71117	.59212	.58762	8.8795	1.1607	.52387	3.0826
#3	3.2234	.71159	.59563	.59032	8.8898	1.1574	.52628	3.1043

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	7.5696	.31211	.31610	1.6381	3.5374	1.4714	14.519	
Stddev	.0353	.00108	.00168	.0079	.0121	.0046	.094	
%RSD	.46628	.34543	.52995	.48358	.34280	.31472	.64565	

#1	7.5452	.31178	.31463	1.6374	3.5318	1.4756	14.576	
#2	7.5536	.31123	.31574	1.6306	3.5291	1.4722	14.411	
#3	7.6101	.31331	.31793	1.6464	3.5513	1.4665	14.570	

Sample Name: S5 Acquired: 1/29/2025 15:16:38 Type: Cal
Method: EPA SFAM01.0(v59) 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	2628.7	59032.	12208.	1910.3	2859.1
Stddev	10.1	22.	72.	3.1	11.2
%RSD	.38465	.03651	.59286	.16315	.39149
#1	2635.2	59052.	12266.	1910.5	2865.0
#2	2633.8	59036.	12231.	1913.3	2866.1
#3	2617.1	59009.	12127.	1907.1	2846.2

Sample Name: S6 Acquired: 1/29/2025 15:21:07 Type: Cal
Method: EPA SFAM01.0(v59) 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	11.058	7.2336	4.3895	1.9835	1.7645
Stddev	.022	.0278	.0220	.0058	.0085
%RSD	.19895	.38421	.50066	.29055	.47942

#1	11.057	7.2098	4.3695	1.9773	1.7713
#2	11.080	7.2269	4.3861	1.9843	1.7550
#3	11.036	7.2641	4.4130	1.9888	1.7672

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	54428.	12060.
Stddev	167.	33.
%RSD	.30660	.27646

#1	54600.	12086.
#2	54417.	12071.
#3	54267.	12022.

Sample Name: ICV005 Acquired: 1/29/2025 15:31:10 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9990606	1.030469	.9580774	.9667031	1.001295	2.351126
Stddev	.0056953	.015157	.0026986	.0058509	.002675	.013824
%RSD	.5700686	1.470855	.2816683	.6052408	.2671288	.5879655

#1	.9931768	1.016518	.9566313	.9619182	.998407	2.366601
#2	.9994582	1.028293	.9564101	.9649650	1.001790	2.346782
#3	1.004547	1.046596	.9611909	.9732261	1.003687	2.339997

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5624476	.4942479	.4877198	10.05475	.5347769	.4888557
Stddev	.0047080	.0010559	.0016726	.07615	.0026056	.0017389
%RSD	.8370527	.2136484	.3429412	.7573965	.4872352	.3557094

#1	.5669708	.4935556	.4864727	10.13007	.5372316	.4869830
#2	.5627976	.4937249	.4870662	10.05638	.5350562	.4891647
#3	.5575744	.4954633	.4896205	9.97779	.5320428	.4904194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4756728	9.288009	.5515622	5.781006	.4931815	.2258069
Stddev	.0016367	.065925	.0033645	.020225	.0006043	.0013151
%RSD	.3440858	.7097891	.6099988	.3498502	.1225252	.5824196

#1	.4738989	9.350894	.5544574	5.773981	.4927347	.2266075
#2	.4771244	9.293719	.5523581	5.803807	.4929407	.2265241
#3	.4759951	9.219415	.5478711	5.765231	.4938690	.2242890

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30212	.4966874	.9336785	9.526703	5.082850	F .0233640
Stddev	.20224	.0032236	.0025832	.083659	.022333	.0010429
%RSD	1.963078	.6490204	.2766645	.8781557	.4393753	4.463836

#1	10.14584	.5004097	.9308458	9.620429	5.068428	.0236183
#2	10.53054	.4948236	.9342860	9.500102	5.071547	.0242563
#3	10.22999	.4948289	.9359038	9.459579	5.108575	.0222175

Sample Name: ICV005 Acquired: 1/29/2025 15:31:10 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000211	4.816161	F .0079037	5.398317	F -.001064	4.922811
Stddev	.000108	.015554	.0045135	.023326	.000471	.037764
%RSD	51.00861	.3229611	57.10653	.4320922	44.24065	.7671158

#1	-.000172	4.803261	.0027166	5.379514	-.000526	4.952277
#2	-.000333	4.811789	.0109362	5.391018	-.001400	4.935916
#3	-.000129	4.833434	.0100582	5.424419	-.001266	4.880241

Elem	Sr4077
Units	ppm
Avg	F 5.811753
Stddev	.103623
%RSD	1.782987

#1	5.920689
#2	5.714421
#3	5.800150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.136	70529.07	13423.03	2381.597	3871.476
Stddev	7.221	327.79	15.82	2.196	4.040
%RSD	.2171694	.4647642	.1178380	.0921933	.1043572

#1	3326.349	70187.88	13427.61	2383.466	3872.239
#2	3331.673	70557.76	13436.06	2379.179	3875.080
#3	3317.385	70841.59	13405.43	2382.145	3867.109

Sample Name: ICB005 Acquired: 1/29/2025 15:35:11 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008439	-.000321	.0007344	-.002516	-.000155	-.001415	.0000541
Stddev	.0021898	.000949	.0011468	.004210	.000290	.003860	.0000561
%RSD	259.4984	295.3362	156.1652	167.3286	186.8017	272.8565	103.6724

#1	.0033594	-.001214	.0013350	-.007281	-.000319	-.004886	.0000638
#2	-.000636	-.000425	.0014562	.000701	.000180	-.002100	.0001048
#3	-.000192	.000675	-.000588	-.000969	-.000327	.002742	-.000006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000237	.0106732	.0000867	-.000103	.0001253	-.003270
Stddev	.000011	.0001170	.0047677	.0002905	.000109	.0024832	.003818
%RSD	23.67226	494.0466	44.66952	335.2024	105.7496	1982.395	116.7501

#1	-.000034	.0001487	.0160818	-.000242	-.000228	-.002585	-.005274
#2	-.000054	.0000053	.0088584	.000310	-.000062	.000668	-.005670
#3	-.000052	-.000083	.0070795	.000191	-.000021	.002292	.001133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.006895	.0001273	-.000167	-.144052	.0000414	.0005785
Stddev	.000356	.010181	.0005169	.000292	.230842	.0014554	.0008267
%RSD	1714.575	147.6590	405.9518	174.3023	160.2497	3515.988	142.8943

#1	-.000429	-.011799	-.000418	-.000476	.035190	-.000545	-.000331
#2	.000231	-.013695	.000611	-.000130	-.404531	-.001029	.000783
#3	.000135	.004810	.000189	.000104	-.062814	.001699	.001284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525499	-.000401	.0030494	-.000082	.0054814	.0023781	-.000119
Stddev	.0211642	.001618	.0001381	.000321	.0019289	.0054834	.000608
%RSD	40.27452	403.8744	4.528450	392.1341	35.18943	230.5779	512.1881

#1	.0761911	-.001458	.0031523	-.000001	.0054477	-.003186	.000047
#2	.0353680	-.001207	.0031033	.000191	.0074269	.002544	-.000792
#3	.0460906	.001463	.0028925	-.000435	.0035696	.007777	.000389

Sample Name: ICB005 Acquired: 1/29/2025 15:35:11 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004056	-.000064	.0000905
Stddev	.0011269	.000188	.0000491
%RSD	277.8177	293.0287	54.22499

#1	-.000670	.000137	.0001469
#2	.001578	-.000236	.0000579
#3	.000309	-.000093	.0000666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.712	72569.04	13440.39	2418.402	4126.671
Stddev	7.678	293.71	110.96	16.819	6.816
%RSD	.2262274	.4047375	.8255761	.6954544	.1651643

#1	3402.459	72235.83	13364.41	2401.373	4128.472
#2	3388.089	72790.39	13389.04	2418.831	4119.135
#3	3390.587	72680.91	13567.73	2435.003	4132.405

Sample Name: ICSA005 Acquired: 1/29/2025 15:41:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057793	.0031054	.0035286	.0240222	.0066356	224.9548
Stddev	.0027539	.0023666	.0001792	.0061843	.0004721	3.1704
%RSD	47.65011	76.21014	5.079024	25.74399	7.114860	1.409346

#1	.0034595	.0017694	.0033464	.0299022	.0067706	228.2456
#2	.0088227	.0058379	.0037047	.0175730	.0061106	221.9203
#3	.0050557	.0017089	.0035346	.0245914	.0070254	224.6985

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064678	-.000596	-.000158	238.0932	.0608726	.0010856
Stddev	.0010750	.000043	.000043	1.9821	.0002750	.0002135
%RSD	16.62037	7.227137	27.43365	.8324992	.4518249	19.66436

#1	.0071888	-.000601	-.000156	238.8002	.0607802	.0010241
#2	.0069822	-.000551	-.000116	235.8545	.0611819	.0009096
#3	.0052322	-.000636	-.000203	239.6249	.0606556	.0013231

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004185	98.33179	.0186281	232.7414	.0026951	-.002328
Stddev	.002299	.70391	.0003500	1.6901	.0002697	.000147
%RSD	54.93401	.7158497	1.878767	.7261843	10.00791	6.310000

#1	-.006718	98.54928	.0188776	233.1784	.0027974	-.002159
#2	-.002231	97.54480	.0182280	230.8757	.0028988	-.002427
#3	-.003606	98.90129	.0187786	234.1701	.0023892	-.002397

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.163871	-.004008	-.008741	-.075078	.0009837	F .1988006
Stddev	.306160	.003157	.002605	.034602	.0013667	.0045377
%RSD	186.8298	78.76847	29.80048	46.08866	138.9333	2.282531

#1	.094452	-.001884	-.005780	-.113895	.0025555	.2001760
#2	-.502044	-.002504	-.010681	-.047468	.0003207	.1937344
#3	-.084022	-.007635	-.009761	-.063870	.0000750	.2024915

Sample Name: ICSA005 Acquired: 1/29/2025 15:41:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000526	.0214723	.0056031	-.004040	-.002501	.0055373
Stddev	.0006628	.0019963	.0030023	.001631	.000569	.0001267
%RSD	1261.067	9.297170	53.58390	40.36887	22.74598	2.288362

#1	.0008146	.0208924	.0071832	-.005146	-.002144	.0055050
#2	-.000390	.0198301	.0074853	-.002167	-.002202	.0056770
#3	-.000267	.0236943	.0021406	-.004806	-.003157	.0054298

Elem	Sr4077
Units	ppm
Avg	F .1014649
Stddev	.0010411
%RSD	1.026091

#1	.1019634
#2	.1002683
#3	.1021631

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.033	63412.18	13041.63	2108.384	3300.914
Stddev	1.969	161.98	55.73	4.605	1.900
%RSD	.0660349	.2554350	.4273333	.2184351	.0575587

#1	2979.978	63405.38	13092.11	2103.990	3302.091
#2	2979.817	63577.45	12981.82	2107.987	3301.929
#3	2983.304	63253.71	13050.94	2113.175	3298.722

Sample Name: ICSAB005 Acquired: 1/29/2025 15:45:28 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961105	.0997608	.0534378	.0691383	.5769237	221.9573
Stddev	.0022726	.0008657	.0019882	.0028731	.0034307	1.4036
%RSD	2.364599	.8678192	3.720643	4.155518	.5946521	.6323901

#1	.0938583	.1007538	.0545979	.0676908	.5789263	223.5775
#2	.0960702	.0993645	.0545735	.0724473	.5729624	221.1106
#3	.0984031	.0991642	.0511420	.0672770	.5788825	221.1838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4952464	.5064060	.9837477	233.8816	.5995154	.4987010
Stddev	.0034023	.0005514	.0020330	.8585	.0004185	.0008707
%RSD	.6869919	.1088958	.2066597	.3670596	.0697983	.1745897

#1	.4981722	.5060239	.9822796	234.8630	.5992888	.4987744
#2	.4915129	.5061559	.9828953	233.2698	.5999982	.4977960
#3	.4960540	.5070382	.9860681	233.5120	.5992591	.4995327

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4850098	96.74679	.5081471	228.2457	.9955795	.1992657
Stddev	.0009009	.32068	.0030906	.7513	.0010581	.0003182
%RSD	.1857529	.3314584	.6082092	.3291826	.1062760	.1596633

#1	.4843089	97.11487	.5107776	228.9942	.9952975	.1995533
#2	.4860259	96.59765	.5047433	228.2513	.9967500	.1989239
#3	.4846945	96.52784	.5089206	227.4915	.9946911	.1993198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.130691	.4848134	.9584420	-.275210	.0060727	F .1807588
Stddev	.171914	.0022309	.0047669	.053868	.0024190	.0010988
%RSD	131.5423	.4601478	.4973539	19.57339	39.83416	.6078650

#1	-.308529	.4860035	.9557177	-.217855	.0080725	.1819961
#2	.034613	.4822399	.9556620	-.283042	.0067618	.1798969
#3	-.118157	.4861970	.9639462	-.324733	.0033840	.1803835

Sample Name: ICSAB005 Acquired: 1/29/2025 15:45:28 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	.0248077	-.000068	-.003963	-.004674	.0042103
Stddev	.000627	.0037848	.006270	.000501	.000673	.0008301
%RSD	630.7351	15.25666	9259.927	12.64200	14.38889	19.71552

#1	.000071	.0290348	.007042	-.004401	-.004782	.0032518
#2	.000425	.0217331	-.002436	-.004072	-.005286	.0046959
#3	-.000793	.0236552	-.004808	-.003417	-.003954	.0046831

Elem	Sr4077
Units	ppm
Avg	.0989680
Stddev	.0009041
%RSD	.9135033

#1	.0994054
#2	.0979284
#3	.0995702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3060.931	63560.55	12878.77	2126.991	3399.128
Stddev	4.259	175.46	10.38	6.364	.790
%RSD	.1391425	.2760515	.0806227	.2991949	.0232280

#1	3056.719	63358.31	12866.85	2122.762	3399.403
#2	3060.839	63651.19	12883.57	2123.901	3398.237
#3	3065.236	63672.16	12885.88	2134.310	3399.742

Sample Name: CCV028 Acquired: 1/29/2025 15:49:33 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.106231	4.965000	25.16854	5.143835	5.199633	405.4101
Stddev	.010631	.018986	.03707	.012946	.009543	2.4661
%RSD	.2082056	.3823904	.1472779	.2516889	.1835362	.6082890

#1	5.100450	4.958127	25.14548	5.136843	5.189592	407.8203
#2	5.099742	4.950407	25.14884	5.135889	5.200722	405.5181
#3	5.118500	4.986465	25.21130	5.158775	5.208585	402.8918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96322	.5162241	2.555079	413.1468	15.97342	2.560251
Stddev	.04592	.0037606	.002704	2.9092	.01044	.001207
%RSD	.4188510	.7284796	.1058365	.7041452	.0653500	.0471285

#1	10.91069	.5205648	2.552817	410.3555	15.96209	2.559181
#2	10.98318	.5139480	2.554345	416.1610	15.98265	2.560014
#3	10.99578	.5141596	2.558074	412.9240	15.97552	2.561559

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.81434	408.8166	15.97336	409.4044	2.552075	1.334014
Stddev	.06592	2.0364	.07254	1.5681	.004292	.002457
%RSD	.4168624	.4981311	.4541116	.3830212	.1681779	.1842081

#1	15.78600	406.4705	15.89142	407.5968	2.548284	1.335790
#2	15.76732	410.1271	15.99928	410.3993	2.551207	1.335043
#3	15.88969	409.8522	16.02937	410.2171	2.556735	1.331210

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	413.6875	2.580286	16.04027	163.7206	5.142794	F 5.572764
Stddev	1.7070	.004600	.04001	1.0645	.029720	.024418
%RSD	.4126215	.1782628	.2494656	.6501640	.5778934	.4381713

#1	413.5458	2.584060	16.01520	162.4936	5.118302	5.600787
#2	412.0559	2.575163	16.01920	164.2728	5.134222	5.561452
#3	415.4609	2.581635	16.08642	164.3956	5.175858	5.556054

Sample Name: CCV028 Acquired: 1/29/2025 15:49:33 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079681	5.189158	F 6.514212	5.093894	5.200003	5.453585
Stddev	.011658	.004821	.031187	.011251	.010499	.049589
%RSD	.2294998	.0929026	.4787575	.2208815	.2019104	.9092995

#1	5.069662	5.185065	6.539903	5.089401	5.189865	5.397660
#2	5.076905	5.187936	6.479512	5.085583	5.199314	5.470897
#3	5.092476	5.194472	6.523220	5.106698	5.210830	5.492198

Elem	Sr4077
Units	ppm
Avg	F 5.626155
Stddev	.053139
%RSD	.9445042

#1	5.620416
#2	5.681931
#3	5.576118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2765.010	59820.67	12488.23	1964.820	2975.489
Stddev	10.066	116.39	76.25	2.988	7.762
%RSD	.3640601	.1945701	.6105773	.1520658	.2608737

#1	2776.293	59878.95	12402.70	1961.371	2984.088
#2	2761.786	59686.65	12512.92	1966.447	2973.378
#3	2756.950	59896.40	12549.08	1966.641	2969.000

Sample Name: CCB028 Acquired: 1/29/2025 15:53:51 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021815	.0018599	.0007598	.0014983	-.000514	.0093605	.0005395
Stddev	.0015411	.0014459	.0012506	.0020784	.002103	.0044132	.0001797
%RSD	70.64563	77.73949	164.5853	138.7185	408.9715	47.14682	33.30148

#1	.0008758	.0034347	.0022035	.0036248	-.000164	.0045335	.0004947
#2	.0017872	.0015528	.0000632	.0013983	.001392	.0131887	.0003865
#3	.0038815	.0005923	.0000127	-.000528	-.002770	.0103594	.0007373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000049	.0000394	.0122853	.0001827	.0000156	-.001537	.0076877
Stddev	.000054	.0000379	.0068434	.0002331	.0002706	.000535	.0034188
%RSD	110.6052	95.96721	55.70414	127.5489	1737.221	34.78844	44.47054

#1	-.000015	.0000483	.0056074	.0002769	-.000166	-.001048	.0092253
#2	-.000111	-.000002	.0192831	-.000083	-.000114	-.002108	.0037701
#3	-.000021	.000072	.0119655	.000354	.000327	-.001455	.0100677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001270	.0188466	-.000175	.0000214	.0299063	.0011106	.0000325
Stddev	.0002549	.0078177	.000296	.0001196	.2377015	.0006864	.0006413
%RSD	200.6651	41.48047	169.2967	559.3378	794.8215	61.80556	1971.023

#1	-.000148	.0208362	-.000278	.0001489	-.197814	.0016400	-.000373
#2	.000173	.0254773	-.000406	.0000035	.276467	.0003351	-.000301
#3	.000356	.0102264	.000159	-.000088	.011066	.0013568	.000772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942873	-.001280	.0054925	.0000876	.0059609	.0014401	-.000191
Stddev	.0278586	.000792	.0003645	.0001493	.0037390	.0038794	.000380
%RSD	29.54654	61.85363	6.636351	170.4256	62.72598	269.3851	198.8116

#1	.1020913	-.002075	.0053288	.0002389	.0039164	.0059191	.000015
#2	.1174116	-.001273	.0052384	.0000836	.0036899	-.000741	-.000629
#3	.0633589	-.000492	.0059101	-.000060	.0102763	-.000858	.000041

Sample Name: CCB028 Acquired: 1/29/2025 15:53:51 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008864	.0007086	.0000882
Stddev	.0003290	.0009410	.0000880
%RSD	37.11425	132.8057	99.76392

#1	.0011328	.0001854	-.000013
#2	.0005128	.0017950	.000129
#3	.0010134	.0001454	.000149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.218	72622.83	13529.11	2431.064	4091.355
Stddev	6.574	274.68	88.17	5.183	2.454
%RSD	.1946130	.3782274	.6516734	.2131896	.0599864

#1	3373.962	72703.06	13585.01	2436.862	4089.090
#2	3385.790	72848.46	13427.48	2429.451	4093.963
#3	3374.902	72316.97	13574.86	2426.880	4091.012

Sample Name: Q1136-02 Acquired: 1/29/2025 15:58:00 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153133	.0029970	.0050894	-.004850	-.002604	31.07541
Stddev	.0008638	.0017222	.0012616	.000060	.000248	.10745
%RSD	5.640586	57.46476	24.78902	1.230892	9.521662	.3457558

#1	.0161779	.0010444	.0051716	-.004783	-.002715	31.08915
#2	.0153117	.0042999	.0063079	-.004869	-.002778	30.96175
#3	.0144504	.0036466	.0037887	-.004898	-.002320	31.17532

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376117	.0025540	.0015093	51.17705	.0297309	.1126255
Stddev	.0005110	.0000205	.0001048	.07150	.0000738	.0003275
%RSD	1.358590	.8022116	6.946504	.1397019	.2481043	.2907949

#1	.0381876	.0025642	.0016170	51.23373	.0296666	.1129624
#2	.0374347	.0025304	.0014075	51.09673	.0297146	.1123083
#3	.0372127	.0025674	.0015034	51.20069	.0298114	.1126057

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197466	11.58207	2.282116	23.18116	.1059449	-.002937
Stddev	.0007050	.02877	.005575	.04572	.0003199	.000158
%RSD	.5887161	.2484325	.2442992	.1972140	.3019291	5.393663

#1	.1193918	11.57855	2.287318	23.20380	.1055756	-.002796
#2	.1192895	11.55522	2.276231	23.12854	.1061287	-.002907
#3	.1205585	11.61244	2.282800	23.21113	.1061305	-.003108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.760222	.0243054	.5084607	12.91822	.6329755	.2887731
Stddev	.152769	.0003075	.0030588	.03776	.0045437	.0010080
%RSD	5.534660	1.265106	.6015760	.2922817	.7178296	.3490448

#1	2.715903	.0239516	.5089764	12.93361	.6381013	.2886267
#2	2.930250	.0245082	.5051768	12.87520	.6294430	.2898463
#3	2.634512	.0244564	.5112288	12.94586	.6313823	.2878465

Sample Name: Q1136-02 Acquired: 1/29/2025 15:58:00 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000959	F 327.8339	F 21.18949	-.002491	.0109164	.0249730
Stddev	.0001848	.2513	.03463	.000242	.0001648	.0003093
%RSD	192.7179	.0766552	.1634198	9.713579	1.509276	1.238672

#1	.0001423	328.0892	21.22934	-.002574	.0110841	.0249078
#2	.0002531	327.5868	21.17240	-.002680	.0107548	.0253097
#3	-.000108	327.8259	21.16673	-.002218	.0109101	.0247014

Elem	Sr4077
Units	ppm
Avg	.2956309
Stddev	.0011462
%RSD	.3877199

#1	.2968437
#2	.2945655
#3	.2954835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7298.725	157105.9	30320.25	5243.303	3738.736
Stddev	21.600	483.2	68.46	24.317	9.181
%RSD	.2959405	.3075347	.2257933	.4637800	.2455701

#1	7318.782	157255.4	30387.55	5264.027	3745.154
#2	7301.535	157496.7	30322.50	5249.350	3742.834
#3	7275.857	156565.7	30250.69	5216.533	3728.219

Sample Name: Q1136-03 Acquired: 1/29/2025 16:01:59 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149272	.0032718	.0070963	-.003786	-.002895	31.30768
Stddev	.0009618	.0015072	.0019157	.000605	.000462	.14055
%RSD	6.443632	46.06613	26.99612	15.98667	15.95944	.4489219

#1	.0144294	.0015348	.0067492	-.003798	-.003168	31.17539
#2	.0160359	.0042336	.0091618	-.003175	-.003156	31.29242
#3	.0143162	.0040469	.0053778	-.004386	-.002362	31.45524

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0364753	.0025335	.0015179	50.81248	.0295408	.1117600
Stddev	.0010216	.0000216	.0000825	.08176	.0001014	.0003118
%RSD	2.800825	.8520933	5.434208	.1609079	.3434048	.2790062

#1	.0355097	.0025573	.0014910	50.74527	.0296577	.1117868
#2	.0363713	.0025152	.0016105	50.78866	.0294883	.1114357
#3	.0375449	.0025280	.0014522	50.90350	.0294764	.1120576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1189654	11.59444	2.251447	22.90463	.1052959	-.002762
Stddev	.0015697	.04338	.004841	.03677	.0005193	.000085
%RSD	1.319434	.3741176	.2150268	.1605567	.4931894	3.074794

#1	.1174930	11.56680	2.246257	22.93887	.1050470	-.002751
#2	.1187863	11.57209	2.252243	22.86576	.1049478	-.002852
#3	.1206169	11.64444	2.255841	22.90928	.1058928	-.002683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.848472	.0242785	.5118017	13.08315	.6237633	.2879888
Stddev	.074559	.0015884	.0025901	.06596	.0030243	.0011064
%RSD	2.617510	6.542573	.5060828	.5041934	.4848414	.3841724

#1	2.815819	.0252612	.5121112	13.02814	.6271609	.2889830
#2	2.795809	.0224460	.5090707	13.06504	.6213655	.2881864
#3	2.933786	.0251285	.5142232	13.15628	.6227636	.2867969

Sample Name: Q1136-03 Acquired: 1/29/2025 16:01:59 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003053	F 326.7778	F 20.83910	-.002469	.0109334	.0251447
Stddev	.0000675	.6466	.07977	.001901	.0001683	.0003497
%RSD	22.11984	.1978731	.3827689	77.00483	1.539126	1.390761

#1	.0002705	326.4483	20.91744	-.000331	.0110220	.0249111
#2	.0002623	326.3624	20.84188	-.003106	.0110389	.0255468
#3	.0003832	327.5228	20.75798	-.003970	.0107393	.0249762

Elem	Sr4077
Units	ppm
Avg	.2952264
Stddev	.0015225
%RSD	.5156879

#1	.2936512
#2	.2953380
#3	.2966899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7197.481	156152.3	30316.68	5122.422	3715.663
Stddev	36.309	325.9	159.93	13.121	22.096
%RSD	.5044623	.2086812	.5275394	.2561576	.5946698

#1	7234.744	156399.5	30221.48	5134.005	3738.077
#2	7195.489	155783.0	30227.24	5108.172	3715.013
#3	7162.209	156274.2	30501.32	5125.091	3693.899

Sample Name: Q1136-02LX5 Acquired: 1/29/2025 16:05:57 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061721	.0013295	.0038430	-.002684	-.000690	11.10259
Stddev	.0006695	.0003954	.0014811	.001827	.000437	.04356
%RSD	10.84813	29.74264	38.53986	68.04523	63.39449	.3922986

#1	.0069044	.0016513	.0034357	-.000766	-.001058	11.09307
#2	.0055912	.0008881	.0026082	-.004403	-.000206	11.06459
#3	.0060206	.0014491	.0054852	-.002884	-.000806	11.15012

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119751	.0009296	.0004155	18.25253	.0116935	.0227015
Stddev	.0007946	.0000064	.0000623	.04910	.0002355	.0001950
%RSD	6.635218	.6913535	15.00337	.2690193	2.013568	.8587945

#1	.0117074	.0009339	.0003974	18.22891	.0115317	.0228370
#2	.0128689	.0009328	.0003642	18.21970	.0119636	.0227895
#3	.0113490	.0009223	.0004849	18.30898	.0115852	.0224781

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446559	4.242455	.8238035	8.166453	.0215420	-.000996
Stddev	.0018919	.019698	.0048790	.020418	.0000995	.000128
%RSD	4.236591	.4643127	.5922527	.2500280	.4617918	12.89933

#1	.0466005	4.230366	.8213893	8.148675	.0214383	-.000948
#2	.0445456	4.231815	.8206023	8.161932	.0215512	-.000898
#3	.0428215	4.265185	.8294189	8.188754	.0216366	-.001141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046580	.0091656	.1801557	4.475365	.1364607	.1090021
Stddev	.155505	.0009035	.0021409	.002441	.0009777	.0005437
%RSD	14.85844	9.857839	1.188335	.0545429	.7164661	.4987660

#1	.883211	.0084397	.1776895	4.475961	.1367621	.1096289
#2	1.063728	.0088796	.1815352	4.472681	.1353678	.1087179
#3	1.192800	.0101775	.1812425	4.477453	.1372523	.1086594

Sample Name: Q1136-02LX5 Acquired: 1/29/2025 16:05:57 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004150	F 65.46945	7.650868	-.001098	.0045245	.0091357
Stddev	.0002212	.19812	.009348	.000158	.0006532	.0002352
%RSD	53.30526	.3026197	.1221822	14.37452	14.43676	2.574038

#1	.0006705	65.57182	7.650619	-.001048	.0046697	.0091668
#2	.0002888	65.24108	7.660338	-.000971	.0050929	.0088865
#3	.0002858	65.59544	7.641647	-.001274	.0038109	.0093537

Elem	Sr4077
Units	ppm
Avg	.1053583
Stddev	.0004823
%RSD	.4577392

#1	.1051716
#2	.1049972
#3	.1059060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4192.431	89840.93	16965.68	2967.726	3995.087
Stddev	3.990	186.88	118.67	6.688	7.268
%RSD	.0951708	.2080155	.6994732	.2253432	.1819133

#1	4190.027	89852.77	16930.43	2975.425	3986.966
#2	4197.037	89648.41	16868.64	2963.364	4000.979
#3	4190.229	90021.62	17097.99	2964.388	3997.315

Sample Name: Q1136-04 Acquired: 1/29/2025 16:09:59 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503951	.0788905	.0528370	.0878469	.0852065	33.69555
Stddev	.0020990	.0033333	.0005532	.0015460	.0012385	.13352
%RSD	4.165072	4.225251	1.046969	1.759871	1.453570	.3962497

#1	.0509426	.0754483	.0522556	.0892855	.0841948	33.54860
#2	.0521662	.0791202	.0533568	.0862122	.0848369	33.72861
#3	.0480766	.0821031	.0528987	.0880429	.0865877	33.80943

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.786568	.0478759	.1012649	52.60154	.222327	1.081557
Stddev	.013017	.0001202	.0007390	.18485	.0006263	.005445
%RSD	.7285971	.2510283	.7297388	.3514224	.2818266	.5034723

#1	1.771738	.0479500	.1008581	52.39379	.2215115	1.078779
#2	1.796104	.0479404	.1008187	52.66296	.2226400	1.078061
#3	1.791860	.0477372	.1021179	52.74786	.2225466	1.087832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3451935	12.81183	2.794195	23.79175	1.085772	.0319151
Stddev	.0029502	.03023	.012826	.05095	.004212	.0001450
%RSD	.8546506	.2359310	.4590310	.2141391	.3879615	.4543657

#1	.3431578	12.77943	2.779614	23.73412	1.082909	.0317798
#2	.3438458	12.81680	2.799237	23.81034	1.083799	.0320682
#3	.3485768	12.83927	2.803735	23.83080	1.090609	.0318971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.856198	.4676936	.9527194	13.34606	.6743956	.2857381
Stddev	.022757	.0006586	.0089259	.06035	.0052642	.0006667
%RSD	.7967443	.1408244	.9368852	.4522016	.7805743	.2333327

#1	2.879033	.4680049	.9426588	13.29855	.6731765	.2862509
#2	2.856041	.4681388	.9596885	13.41396	.6698479	.2859790
#3	2.833521	.4669370	.9558109	13.32566	.6801623	.2849844

Sample Name: Q1136-04 Acquired: 1/29/2025 16:09:59 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8F7S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006431	F 314.0590	F 21.18055	-.000418	.0104394	.0268924
Stddev	.0001279	1.1677	.03381	.001539	.0000316	.0003294
%RSD	19.88574	.3718147	.1596080	368.4065	.3030824	1.224809

#1	.0006101	313.4582	21.16184	-.000520	.0104257	.0265673
#2	.0005349	313.3140	21.21957	.001170	.0104168	.0272259
#3	.0007842	315.4048	21.16023	-.001903	.0104755	.0268841

Elem	Sr4077
Units	ppm
Avg	.3089301
Stddev	.0018101
%RSD	.5859130

#1	.3068559
#2	.3101898
#3	.3097446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7354.686	155649.6	30987.77	5177.977	3815.781
Stddev	27.974	588.6	31.97	27.038	21.359
%RSD	.3803505	.3781564	.1031750	.5221789	.5597462

#1	7386.862	156274.3	30987.09	5208.907	3836.598
#2	7341.058	155569.1	31020.08	5166.200	3816.826
#3	7336.138	155105.3	30956.15	5158.825	3793.919

Sample Name: Q1151-01DLX20 Acquired: 1/29/2025 16:13:53 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317233	.0187045	.1073728	.0132739	.0490555	.7271002
Stddev	.0005279	.0003207	.0009819	.0021647	.0026300	.0081165
%RSD	1.664013	1.714738	.9144672	16.30763	5.361205	1.116286

#1	.0320988	.0187048	.1074132	.0142570	.0470749	.7185702
#2	.0319514	.0190251	.1063713	.0107921	.0480520	.7347279
#3	.0311198	.0183837	.1083338	.0147725	.0520394	.7280024

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160429	.0008033	.0003438	4.292522	25.61671	F 6.133567
Stddev	.0001850	.0000815	.0000623	.018369	.08224	.023482
%RSD	1.153119	10.14729	18.12453	.4279361	.3210401	.3828408

#1	.0160358	.0007656	.0002829	4.273792	25.65887	6.124181
#2	.0158616	.0007475	.0003410	4.310508	25.52194	6.116230
#3	.0162314	.0008969	.0004074	4.293265	25.66932	6.160290

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667054	6.800204	.1110795	.6277432	F 5.186416	.0003535
Stddev	.0017333	.047832	.0008056	.0130387	.017616	.0002216
%RSD	1.039722	.7033941	.7252033	2.077078	.3396648	62.69897

#1	.1653690	6.765114	.1103948	.6211309	5.179465	.0006082
#2	.1686638	6.854687	.1108766	.6427633	5.173336	.0002481
#3	.1660833	6.780810	.1119671	.6193354	5.206448	.0002043

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.941499	.1137196	.1873524	.0050285	.1364766	.0502275
Stddev	.205327	.0016990	.0033557	.0372403	.0011344	.0007821
%RSD	10.57572	1.494004	1.791090	740.5798	.8312144	1.557149

#1	1.897932	.1138181	.1849497	.0337766	.1351923	.0510228
#2	2.165113	.1119735	.1911864	-.037040	.1368956	.0494593
#3	1.761451	.1153672	.1859212	.018349	.1373419	.0502005

Sample Name: Q1151-01DLX20 Acquired: 1/29/2025 16:13:53 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.177277	8.135086	.4162888	.0161244	.0198408	-.000002
Stddev	.012342	.024440	.0050137	.0001724	.0004357	.000137
%RSD	.3884370	.3004303	1.204378	1.069250	2.196207	6809.203

#1	3.172255	8.128730	.4154840	.0162942	.0193721	.000156
#2	3.168238	8.114452	.4117262	.0159495	.0202335	-.000090
#3	3.191338	8.162077	.4216563	.0161295	.0199169	-.000073

Elem	Sr4077
Units	ppm
Avg	.0408825
Stddev	.0001139
%RSD	.2786286

#1	.0407904
#2	.0410099
#3	.0408472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3339.428	71791.36	13491.01	2379.898	4156.673
Stddev	8.951	72.42	72.00	11.548	11.110
%RSD	.2680448	.1008758	.5336683	.4852203	.2672833

#1	3331.002	71742.53	13421.37	2383.876	4147.402
#2	3348.825	71756.99	13565.15	2366.887	4168.988
#3	3338.456	71874.57	13486.51	2388.930	4153.629

Sample Name: Q1151-02DLX5 Acquired: 1/29/2025 16:18:01 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224758	-.000810	.5971860	.0115847	.0081355	9.462948
Stddev	.0024467	.001575	.0020974	.0021431	.0021699	.030229
%RSD	10.88596	194.4647	.3512099	18.49981	26.67218	.3194482

#1	.0197104	.000129	.5980643	.0115201	.0101001	9.466875
#2	.0233577	-.002628	.5947922	.0094746	.0058064	9.491022
#3	.0243593	.000070	.5987014	.0137595	.0084998	9.430948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0661240	.0009110	.0011463	7.093154	5.905280	2.425917
Stddev	.0006479	.0000286	.0000241	.020439	.004827	.003968
%RSD	.9798166	3.135135	2.103216	.2881494	.0817374	.1635766

#1	.0653866	.0009216	.0011708	7.070211	5.901729	2.425022
#2	.0666019	.0008787	.0011453	7.109416	5.903336	2.422473
#3	.0663835	.0009327	.0011227	7.099837	5.910776	2.430256

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2892964	26.62786	.2033433	4.166160	2.371819	-.000252
Stddev	.0006401	.08223	.0009601	.014595	.003918	.000181
%RSD	.2212603	.3088037	.4721664	.3503179	.1651734	71.78642

#1	.2885799	26.59233	.2022484	4.159261	2.372627	-.000191
#2	.2898116	26.72187	.2040418	4.156294	2.367561	-.000456
#3	.2894978	26.56936	.2037396	4.182926	2.375270	-.000110

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.196632	.0610559	.4401800	2.097294	2.377979	.0898778
Stddev	.240318	.0015574	.0010872	.012758	.007362	.0009760
%RSD	3.339312	2.550789	.2469952	.6082864	.3095696	1.085962

#1	7.273524	.0624930	.4394549	2.097933	2.375897	.0904604
#2	7.389094	.0612736	.4396549	2.109719	2.371883	.0904219
#3	6.927278	.0594011	.4414301	2.084228	2.386158	.0887509

Sample Name: Q1151-02DLX5 Acquired: 1/29/2025 16:18:01 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3606916	F 21.85227	2.844516	.0176235	.2410962	.0168747
Stddev	.0008366	.05251	.011298	.0005364	.0011921	.0005481
%RSD	.2319455	.2402844	.3971755	3.043693	.4944378	3.247767
#1	.3615035	21.84000	2.835545	.0171122	.2411807	.0168306
#2	.3607390	21.80698	2.840799	.0175764	.2398642	.0163501
#3	.3598323	21.90982	2.857204	.0181819	.2422438	.0174435

Elem	Sr4077
Units	ppm
Avg	.1014745
Stddev	.0005048
%RSD	.4974959
#1	.1012602
#2	.1020511
#3	.1011122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.137	71796.13	14046.30	2373.854	3944.941
Stddev	6.522	272.26	102.58	14.119	6.412
%RSD	.1947416	.3792176	.7302711	.5947864	.1625474
#1	3341.699	71524.57	13976.93	2362.578	3945.068
#2	3351.833	72069.09	14164.13	2389.690	3951.290
#3	3353.879	71794.74	13997.84	2369.294	3938.467

Sample Name: Q1159-01 Acquired: 1/29/2025 16:21:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1345382	-.010367	.1231950	.0403097	.0098205	73.13456	1.798778
Stddev	.0013687	.000558	.0013984	.0029662	.0008761	.50057	.010019
%RSD	1.017311	5.377754	1.135068	7.358495	8.921597	.6844480	.5570061

#1	.1360255	-.010070	.1236131	.0370828	.0107771	73.66754	1.805782
#2	.1342573	-.010021	.1243365	.0409287	.0090571	73.06177	1.803251
#3	.1333317	-.011010	.1216352	.0429175	.0096272	72.67437	1.787302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026583	.0017184	22.27083	.1952257	.1653853	.2239371	173.2333
Stddev	.0000451	.0000459	.19102	.0024537	.0015786	.0015289	1.3082
%RSD	1.697215	2.671079	.8576924	1.256853	.9545085	.6827404	.7551608

#1	.0026840	.0016717	22.48630	.1980584	.1671895	.2256148	174.7433
#2	.0026846	.0017634	22.20389	.1938607	.1647078	.2226223	172.4440
#3	.0026062	.0017201	22.12229	.1937580	.1642585	.2235742	172.5125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.440970	38.65893	.3214922	-.000022	.2511353	.1862940	.4268455
Stddev	.063989	.38102	.0024806	.000099	.2107686	.0007294	.0040460
%RSD	.7580805	.9855839	.7715939	438.7883	83.92630	.3915492	.9478836

#1	8.510926	39.08995	.3239007	.000090	.2005117	.1856736	.4299225
#2	8.426590	38.36702	.3216308	-.000092	.0702886	.1870976	.4283516
#3	8.385394	38.51982	.3189453	-.000066	.4826056	.1861110	.4222625

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.036655	1.779237	.3342442	.0079744	.1837722	1.662993	.0010931
Stddev	.019587	.015803	.0041147	.0003961	.0030388	.010012	.0009043
%RSD	1.889447	.8881622	1.231036	4.967571	1.653568	.6020750	82.73204

#1	1.059092	1.794920	.3386280	.0079648	.1872687	1.657749	.0000709
#2	1.027902	1.779471	.3304657	.0083753	.1822798	1.656692	.0014195
#3	1.022970	1.763318	.3336388	.0075832	.1817682	1.674539	.0017889

Sample Name: Q1159-01 Acquired: 1/29/2025 16:21:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6816669	.0711779	.2264513
Stddev	.0018240	.0009501	.0015161
%RSD	.2675822	1.334788	.6695165

#1	.6795918	.0710901	.2278055
#2	.6823927	.0721689	.2267349
#3	.6830164	.0702748	.2248133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.073	74041.19	14909.50	2451.886	3811.544
Stddev	21.052	739.89	65.86	29.961	24.593
%RSD	.6059685	.9993002	.4417128	1.221953	.6452164

#1	3452.066	73189.53	14838.27	2419.098	3785.040
#2	3476.134	74408.21	14968.18	2458.722	3815.966
#3	3494.018	74525.82	14922.05	2477.838	3833.625

Sample Name: Q1151-01DLX40 Acquired: 1/29/2025 16:25:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187640	.0109963	.0560347	.0092146	.0211938	.4041072	.0090349
Stddev	.0004042	.0016361	.0012381	.0027796	.0012099	.0033516	.0006644
%RSD	2.153985	14.87901	2.209583	30.16553	5.708592	.8293723	7.353784

#1	.0183222	.0123765	.0571743	.0073133	.0212683	.4032520	.0090659
#2	.0191151	.0091889	.0547173	.0079258	.0199484	.4012661	.0083555
#3	.0188547	.0114233	.0562126	.0124047	.0223647	.4078035	.0096832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003664	.0001103	2.330600	13.53656	3.145471	.0891927	3.714706
Stddev	.0000721	.0000537	.005931	.06103	.011125	.0023206	.014884
%RSD	19.68381	48.72896	.2544785	.4508573	.3536910	2.601769	.4006658

#1	.0003479	.0001111	2.330699	13.46889	3.149227	.0918664	3.713616
#2	.0003054	.0000562	2.336481	13.55339	3.132954	.0880092	3.730105
#3	.0004460	.0001636	2.324621	13.58742	3.154232	.0877024	3.700398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608194	.3501130	2.673387	.0003170	1.030325	.0600911	.1017161
Stddev	.0003767	.0065209	.009986	.0001786	.267136	.0012291	.0006484
%RSD	.6193150	1.862516	.3735502	56.34592	25.92739	2.045394	.6374662

#1	.0612364	.3498135	2.678408	.0003394	1.148080	.0587265	.1024408
#2	.0607179	.3567786	2.661887	.0004833	.724542	.0604354	.1011908
#3	.0605038	.3437471	2.679867	.0001282	1.218352	.0611112	.1015167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383791	.0677831	.0256588	1.621930	4.160503	.2168949	.0080175
Stddev	.0370318	.0006292	.0004953	.002120	.026184	.0008647	.0007108
%RSD	96.48958	.9281890	1.930387	.1307360	.6293404	.3986843	8.865129

#1	.0379783	.0674987	.0254993	1.623450	4.187748	.2176663	.0086469
#2	.0015493	.0673464	.0252629	1.619508	4.135529	.2170583	.0081588
#3	.0756097	.0685043	.0262143	1.622832	4.158232	.2159602	.0072466

Sample Name: Q1151-01DLX40 Acquired: 1/29/2025 16:25:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0AZ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0105669	.0004129	.0222259
Stddev	.0003084	.0005358	.0001163
%RSD	2.918777	129.7745	.5233569

#1	.0109172	.0006745	.0222352
#2	.0103363	.0007675	.0223373
#3	.0104470	-.000203	.0221052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.928	71088.64	13894.46	2349.035	4183.440
Stddev	9.629	240.63	20.84	16.889	14.724
%RSD	.2847127	.3384891	.1499736	.7189895	.3519672

#1	3370.863	71356.25	13916.71	2342.476	4169.907
#2	3386.526	70890.10	13891.26	2336.410	4199.120
#3	3388.397	71019.59	13875.41	2368.220	4181.293

Sample Name: Q1159-02 Acquired: 1/29/2025 16:29:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1332916	-.008115	.1241497	.0390520	.0104564	73.31936	1.815188
Stddev	.0022437	.003194	.0020063	.0026989	.0015296	.13492	.003306
%RSD	1.683272	39.36173	1.616031	6.911054	14.62833	.1840165	.1821311

#1	.1316711	-.004829	.1262752	.0418528	.0087586	73.35870	1.817508
#2	.1323513	-.008305	.1238852	.0364681	.0117271	73.43023	1.816653
#3	.1358524	-.011209	.1222888	.0388352	.0108834	73.16914	1.811402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026891	.0017957	22.39426	.1948245	.1655866	.2269862	173.7950
Stddev	.0001535	.0000573	.06063	.0005559	.0009019	.0015656	.4200
%RSD	5.708195	3.193321	.2707388	.2853225	.5446574	.6897116	.2416801

#1	.0027382	.0018549	22.43003	.1952290	.1665949	.2252458	173.8842
#2	.0028120	.0017404	22.42851	.1941906	.1648567	.2282797	174.1633
#3	.0025170	.0017919	22.32426	.1950538	.1653083	.2274331	173.3375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.547086	39.02682	.3210292	.0000818	-.021327	.1925470	.4237105
Stddev	.018885	.07396	.0013079	.0003503	.165116	.0019752	.0037276
%RSD	.2209565	.1895234	.4074192	428.0148	774.1982	1.025822	.8797611

#1	8.544439	39.07596	.3224795	.0001676	-.183422	.1943838	.4232525
#2	8.567155	39.06274	.3199390	.0003813	-.027214	.1904577	.4276459
#3	8.529663	38.94175	.3206691	-.000303	.146653	.1927996	.4202330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038283	1.793097	.3356644	.0085572	.1819520	1.881504	.0008747
Stddev	.015807	.007598	.0023185	.0001743	.0034081	.017314	.0006804
%RSD	1.522410	.4237169	.6907053	2.036676	1.873073	.9202142	77.78547

#1	1.050367	1.797864	.3382919	.0085774	.1821039	1.865954	.0012053
#2	1.044087	1.784336	.3347953	.0083737	.1784705	1.900161	.0013268
#3	1.020394	1.797092	.3339061	.0087205	.1852816	1.878397	.0000922

Sample Name: Q1159-02 Acquired: 1/29/2025 16:29:56 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6911790	.0723408	.2272967
Stddev	.0008851	.0005012	.0003243
%RSD	.1280508	.6927918	.1426642

#1	.6921987	.0725685	.2269232
#2	.6906097	.0726878	.2275053
#3	.6907286	.0717663	.2274618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.706	74078.34	14765.81	2491.224	3819.523
Stddev	9.312	220.51	48.65	8.570	10.019
%RSD	.2662400	.2976685	.3294990	.3440216	.2623000

#1	3487.084	74078.68	14804.52	2491.671	3808.983
#2	3504.470	73857.66	14711.19	2482.439	3828.922
#3	3501.562	74298.68	14781.72	2499.562	3820.664

Sample Name: Q1159-01LX5 Acquired: 1/29/2025 16:33:55 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279216	-.000110	.0261435	.0065358	.0010576	15.08716	.3639199
Stddev	.0002771	.002720	.0005407	.0036036	.0008637	.01812	.0010852
%RSD	.9924418	2471.147	2.068169	55.13619	81.66438	.1200781	.2982016

#1	.0276386	.002730	.0260613	.0041233	.0001171	15.09504	.3627905
#2	.0281924	-.002693	.0256486	.0048059	.0018151	15.06644	.3640144
#3	.0279339	-.000367	.0267206	.0106782	.0012406	15.10000	.3649547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005779	.0002057	4.653275	.0420364	.0333367	.0488310	36.44546
Stddev	.0000310	.0000233	.021649	.0001666	.0002551	.0014570	.07372
%RSD	5.362842	11.33144	.4652403	.3962448	.7652469	2.983708	.2022632

#1	.0005919	.0001909	4.632043	.0418802	.0336035	.0487312	36.50610
#2	.0005994	.0002326	4.675318	.0420172	.0333113	.0474265	36.46687
#3	.0005424	.0001937	4.652463	.0422117	.0330952	.0503353	36.36341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.761334	8.019258	.0656501	-.000500	.0326023	.0437304	.0862960
Stddev	.002824	.036007	.0000984	.000410	.2736923	.0010148	.0009154
%RSD	.1603167	.4490008	.1499041	82.04253	839.4875	2.320548	1.060706

#1	1.758134	7.987159	.0657231	-.000526	-.099770	.0445519	.0861383
#2	1.763476	8.058193	.0655382	-.000078	-.149739	.0440433	.0872800
#3	1.762391	8.012423	.0656888	-.000897	.347315	.0425961	.0854698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1995205	.3576457	.0630225	.0018730	.0430623	.7778326	-.000241
Stddev	.0034329	.0016931	.0006494	.0001855	.0044145	.0028200	.000837
%RSD	1.720562	.4734081	1.030421	9.903475	10.25135	.3625475	347.0602

#1	.1974933	.3565762	.0623347	.0016860	.0481529	.7749590	.000269
#2	.2034841	.3567631	.0631076	.0020569	.0402895	.7805958	-.001207
#3	.1975842	.3595978	.0636251	.0018762	.0407444	.7779430	.000214

Sample Name: Q1159-01LX5 Acquired: 1/29/2025 16:33:55 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1472591	.0148808	.0466970
Stddev	.0002732	.0010703	.0001165
%RSD	.1855379	7.192142	.2493707

#1	.1473897	.0140609	.0465939
#2	.1474425	.0144900	.0468233
#3	.1469451	.0160916	.0466738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3478.687	72252.00	13844.90	2442.941	4084.368
Stddev	5.406	259.66	71.78	14.891	6.106
%RSD	.1554021	.3593872	.5184823	.6095590	.1494912

#1	3472.473	72446.43	13880.73	2444.690	4077.865
#2	3481.282	71957.12	13762.25	2427.252	4085.259
#3	3482.306	72352.46	13891.70	2456.880	4089.979

Sample Name: Q1159-03 Acquired: 1/29/2025 16:38:00 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1989204	.0721886	.1586515	.2090398	.1820507	75.13967	5.519214
Stddev	.0012356	.0020713	.0014387	.0039625	.0022335	.42569	.088679
%RSD	.6211361	2.869326	.9068333	1.895588	1.226875	.5665296	1.606729

#1	.1976060	.0698360	.1601376	.2114475	.1827368	75.03786	5.543283
#2	.2000580	.0729914	.1572654	.2112054	.1795546	75.60704	5.420986
#3	.1990973	.0737383	.1585514	.2044663	.1838607	74.77412	5.593375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933429	.0981251	21.87760	.6036258	1.119101	.6882171	171.6394
Stddev	.0004915	.0010430	.03871	.0026362	.010214	.0039767	.4100
%RSD	.5265741	1.062885	.1769366	.4367203	.9127070	.5778318	.2388546

#1	.0938591	.0991475	21.91326	.6065531	1.128486	.6872993	171.8532
#2	.0928805	.0970627	21.88312	.6028848	1.108222	.6925725	171.8983
#3	.0932891	.0981651	21.83643	.6014394	1.120596	.6847795	171.1667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.269824	37.92954	1.274786	.0707116	.2919342	1.142171	1.311123
Stddev	.026451	.13104	.013424	.0009065	.1509470	.004531	.010927
%RSD	.2853414	.3454787	1.053069	1.281940	51.70582	.3966679	.8333774

#1	9.267612	38.08074	1.285816	.0714425	.2532445	1.138259	1.315679
#2	9.297311	37.85889	1.259839	.0709951	.1640977	1.141118	1.319034
#3	9.244549	37.84899	1.278704	.0696973	.4584602	1.147135	1.298655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007179	1.743936	.3264262	.0077095	.1770812	2.600234	.0008911
Stddev	.008007	.018528	.0047247	.0002250	.0047845	.017727	.0010068
%RSD	.7950061	1.062443	1.447386	2.918952	2.701842	.6817640	112.9916

#1	1.000545	1.761382	.3248346	.0075526	.1825618	2.585378	-.000041
#2	1.016074	1.724488	.3317411	.0079673	.1737383	2.595466	.001959
#3	1.004919	1.745938	.3227029	.0076086	.1749436	2.619858	.000756

Sample Name: Q1159-03 Acquired: 1/29/2025 16:38:00 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8C9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6848287	.0709029	.2237726
Stddev	.0039212	.0005327	.0017554
%RSD	.5725808	.7513310	.7844509

#1	.6807523	.0705935	.2227825
#2	.6851600	.0705972	.2257994
#3	.6885737	.0715180	.2227359

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.130	74783.27	14845.48	2498.132	3894.601
Stddev	20.817	286.07	107.69	15.656	30.436
%RSD	.5862209	.3825270	.7253787	.6267221	.7814970

#1	3533.563	74468.35	14768.89	2480.968	3869.746
#2	3574.123	75027.07	14968.61	2501.796	3928.547
#3	3545.704	74854.38	14798.95	2511.631	3885.510

Sample Name: Q1159-04 Acquired: 1/29/2025 16:42:04 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887378	-.011760	.0787777	.0693282	.0165920	121.9645	.3674591
Stddev	.0022932	.002327	.0018034	.0038167	.0006506	1.0064	.0024645
%RSD	2.584289	19.79146	2.289271	5.505237	3.921170	.8251620	.6706778

#1	.0911409	-.011266	.0794296	.0716241	.0158409	120.9884	.3650328
#2	.0865731	-.014295	.0801645	.0714381	.0169536	121.9065	.3673845
#3	.0884995	-.009719	.0767389	.0649223	.0169814	122.9987	.3699600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002061	.0044174	22.85970	.2406294	.1510998	.3629217	288.8741
Stddev	.0000574	.0000237	.14685	.0008478	.0008404	.0045191	1.6275
%RSD	27.85674	.5370632	.6423988	.3523202	.5562145	1.245186	.5633941

#1	.0002536	.0043903	22.72364	.2411317	.1505256	.3593829	287.2934
#2	.0002225	.0044344	22.84011	.2396506	.1507092	.3613700	288.7842
#3	.0001423	.0044277	23.01537	.2411060	.1520644	.3680121	290.5447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.856474	69.45780	.5787482	-.001581	.1586748	.1877630	.8447507
Stddev	.019841	.23025	.0026737	.000255	.1504231	.0028125	.0072577
%RSD	.5144842	.3315005	.4619886	16.15163	94.79962	1.497916	.8591536

#1	3.837738	69.21319	.5770728	-.001681	.1412538	.1874028	.8371684
#2	3.854423	69.48987	.5773400	-.001771	.3170498	.1851479	.8454506
#3	3.877260	69.67034	.5818317	-.001290	.0177207	.1907383	.8516331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.636893	4.628483	.5552343	.0078159	.1170053	3.369085	.0015378
Stddev	.003790	.020881	.0122962	.0001650	.0051089	.017887	.0003214
%RSD	.1041987	.4511315	2.214600	2.110623	4.366362	.5309281	20.90182

#1	3.634817	4.616401	.5424110	.0076416	.1225796	3.374185	.0017620
#2	3.641267	4.616455	.5563666	.0078366	.1125459	3.349201	.0011695
#3	3.634596	4.652594	.5669251	.0079696	.1158905	3.383868	.0016817

Sample Name: Q1159-04 Acquired: 1/29/2025 16:42:04 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2520343	.2451030	.2154560
Stddev	.0031067	.0020283	.0018797
%RSD	1.232661	.8275084	.8724049

#1	.2495242	.2429598	.2135534
#2	.2555089	.2453568	.2155029
#3	.2510698	.2469924	.2173118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3445.026	74137.83	14975.68	2432.202	3706.353
Stddev	17.442	173.85	65.16	10.918	12.966
%RSD	.5062929	.2344890	.4350867	.4489023	.3498216

#1	3454.745	74246.64	14900.73	2444.213	3710.549
#2	3455.443	74229.52	15007.47	2429.514	3716.700
#3	3424.890	73937.34	15018.84	2422.878	3691.809

Sample Name: Q1159-05 Acquired: 1/29/2025 16:46:01 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.256717	-.021119	.2933137	.0894242	.0383522	17.47713
Stddev	.003641	.000248	.0003109	.0017594	.0016715	.07660
%RSD	.2897251	1.174566	.1059982	1.967506	4.358164	.4382918

#1	1.252528	-.021315	.2930750	.0897451	.0401157	17.40520
#2	1.258495	-.021200	.2932008	.0910011	.0381496	17.46853
#3	1.259127	-.020840	.2936653	.0875264	.0367912	17.55767

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2465302	.0006597	.0070313	303.5352	.0233365	.2057084
Stddev	.0014390	.0001525	.0001416	1.9324	.0001904	.0003957
%RSD	.5837104	23.11815	2.013833	.6366232	.8160572	.1923707

#1	.2450057	.0007862	.0069185	305.7422	.0231441	.2058010
#2	.2467198	.0007026	.0069852	302.7163	.0235249	.2052746
#3	.2478650	.0004904	.0071902	302.1471	.0233405	.2060496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6357874	335.3643	5.291124	86.32386	.8198033	-.001542
Stddev	.0034018	.9827	.020346	.35949	.0018325	.000145
%RSD	.5350502	.2930364	.3845346	.4164378	.2235309	9.431751

#1	.6386451	334.2462	5.271712	85.96757	.8203824	-.001656
#2	.6366924	335.7557	5.289370	86.68645	.8177512	-.001378
#3	.6320246	336.0911	5.312290	86.31755	.8212763	-.001591

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0789373	-.000262	.3997445	6.031671	8.785172	.5555663
Stddev	.1228436	.000756	.0019542	.041413	.035136	.0057771
%RSD	155.6217	289.1233	.4888719	.6865925	.3999446	1.039858

#1	-.026121	-.001134	.3974895	6.077656	8.798267	.5542468
#2	.048928	.000135	.4007993	5.997317	8.745370	.5505631
#3	.214005	.000214	.4009448	6.020040	8.811881	.5618890

Sample Name: Q1159-05 Acquired: 1/29/2025 16:46:01 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8D3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176206	F 148.8798	2.253039	-.001275	.0674164	.0308626
Stddev	.0005230	.4595	.025577	.000908	.0014263	.0003879
%RSD	2.968210	.3086108	1.135239	71.18077	2.115596	1.256726

#1	.0178769	148.9528	2.223514	-.001490	.0677750	.0313099
#2	.0179660	148.3882	2.267138	-.000279	.0686292	.0306188
#3	.0170189	149.2984	2.268464	-.002056	.0658451	.0306592

Elem	Sr4077
Units	ppm
Avg	3.750075
Stddev	.028509
%RSD	.7602258

#1	3.749366
#2	3.721926
#3	3.778931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.983	74428.86	14738.65	2429.649	3453.599
Stddev	7.727	193.58	102.68	6.510	10.038
%RSD	.2255925	.2600862	.6966882	.2679283	.2906595

#1	3420.926	74382.17	14721.65	2422.598	3444.688
#2	3433.892	74262.90	14645.53	2435.430	3464.474
#3	3420.129	74641.52	14848.77	2430.918	3451.635

Sample Name: Q1159-06 Acquired: 1/29/2025 16:50:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501549	-.001240	.1224121	.0374812	.0075337	68.62378	.2786039
Stddev	.0021631	.003235	.0006409	.0044340	.0013166	.55767	.0024726
%RSD	4.312808	260.8047	.5235320	11.82998	17.47626	.8126516	.8875100

#1	.0517200	.002486	.1222881	.0351506	.0074955	69.26766	.2814569
#2	.0476866	-.003328	.1218423	.0346985	.0062366	68.29384	.2770808
#3	.0510580	-.002880	.1231059	.0425945	.0088690	68.30984	.2772740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007501	.0013262	11.36348	.0459947	.0614190	.3675516	140.7550
Stddev	.0000717	.0000858	.06465	.0002159	.0005908	.0018699	.8272
%RSD	9.556740	6.467776	.5689162	.4694046	.9618876	.5087346	.5877157

#1	.0006674	.0012471	11.43813	.0458904	.0615190	.3654069	141.7099
#2	.0007929	.0013141	11.32630	.0458507	.0607846	.3684085	140.3001
#3	.0007902	.0014173	11.32601	.0462429	.0619534	.3688396	140.2551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6125545	52.68390	.1649776	-.001030	.5003016	.0175115	.7279208
Stddev	.0023178	.21520	.0012326	.000298	.1801363	.0006896	.0057294
%RSD	.3783777	.4084760	.7471187	28.96343	36.00553	3.938028	.7870883

#1	.6143350	52.93196	.1642469	-.000925	.5696077	.0169213	.7284984
#2	.6099338	52.57256	.1642853	-.000798	.6354913	.0173436	.7219244
#3	.6133946	52.54717	.1664007	-.001367	.2958058	.0182695	.7333394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.953129	2.934455	.2694166	.0216714	7.937990	4.289885	-.000420
Stddev	.101298	.025796	.0050015	.0001838	.067173	.024270	.000453
%RSD	2.562472	.8790612	1.856404	.8481026	.8462264	.5657504	107.7185

#1	4.069037	2.931643	.2747413	.0218113	7.918953	4.293313	.000084
#2	3.881562	2.910181	.2686909	.0214633	7.882390	4.312258	-.000552
#3	3.908788	2.961542	.2648177	.0217396	8.012628	4.264083	-.000793

Sample Name: Q1159-06 Acquired: 1/29/2025 16:50:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: YE8E2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1338812	.1732689	.0887259
Stddev	.0008944	.0016405	.0006002
%RSD	.6680438	.9467989	.6764925

#1	.1346043	.1751632	.0894023
#2	.1341582	.1723177	.0882567
#3	.1328811	.1723257	.0885188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.878	72344.57	14367.31	2416.732	3864.416
Stddev	20.907	240.22	56.19	5.721	29.720
%RSD	.6144053	.3320534	.3910789	.2367054	.7690565

#1	3408.460	72109.34	14428.78	2411.159	3869.607
#2	3420.429	72334.87	14318.61	2416.449	3891.197
#3	3379.747	72589.50	14354.53	2422.589	3832.442

Sample Name: PB166301BL Acquired: 1/29/2025 16:54:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014722	.0005788	-.000162	-.000209	-.000888	.0034935	-.001386
Stddev	.0016262	.0011777	.000134	.000890	.001241	.0022699	.000364
%RSD	110.4589	203.4647	82.83515	425.0691	139.7520	64.97396	26.29039

#1	.0027938	.0002126	-.000271	.000632	.000318	.0011899	-.000981
#2	.0019666	.0018960	-.000012	-.000119	-.000820	.0035624	-.001687
#3	-.000344	-.000372	-.000203	-.001141	-.002162	.0057281	-.001490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000065	.0000037	.0006040	.0000265	-.000088	.0016828	.0012867
Stddev	.000059	.0000537	.0043221	.0004206	.000046	.0018395	.0020630
%RSD	90.61835	1444.386	715.6025	1588.415	52.76473	109.3091	160.3251

#1	.000002	-.000058	-.001006	-.000379	-.000137	-.000152	.0033567
#2	-.000109	.000031	.005500	-.000003	-.000080	.001673	.0012727
#3	-.000086	.000039	-.002682	.000461	-.000046	.003527	-.000769

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0163660	.0000343	.0002192	-.051921	.0018158	.0001182
Stddev	.000310	.0152790	.0001385	.0000848	.164522	.0005337	.0029826
%RSD	3612.855	93.35854	403.4249	38.68333	316.8716	29.39162	2524.196

#1	.000119	.0173273	.0001412	.0002970	.115684	.0024221	-.002983
#2	.000218	.0006290	.0000839	.0002317	-.213176	.0016084	.000371
#3	-.000362	.0311416	-.000122	.0001288	-.058270	.0014170	.002966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082991	-.000544	-.001887	.0000723	.0140713	.0020464	-.000790
Stddev	.043761	.000712	.000507	.0002118	.0010214	.0025711	.000608
%RSD	52.73033	130.8203	26.84248	292.7730	7.258593	125.6384	76.93164

#1	-.035963	-.000722	-.001303	.0003136	.0152476	.0042574	-.001421
#2	-.090493	.000240	-.002201	-.000014	.0134097	-.000775	-.000209
#3	-.122516	-.001150	-.002158	-.000083	.0135565	.002657	-.000741

Sample Name: PB166301BL Acquired: 1/29/2025 16:54:14 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008493	-.001151	-.000035
Stddev	.0003171	.001222	.000020
%RSD	37.33305	106.1694	57.37050

#1	.0006801	-.001257	-.000054
#2	.0012151	.000120	-.000036
#3	.0006527	-.002318	-.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3434.646	72163.04	13392.38	2452.905	4175.397
Stddev	2.399	126.32	41.20	7.232	6.759
%RSD	.0698387	.1750503	.3076184	.2948397	.1618852

#1	3432.762	72068.35	13349.34	2444.568	4172.126
#2	3437.346	72114.30	13396.36	2457.486	4183.170
#3	3433.830	72306.47	13431.45	2456.662	4170.895

Sample Name: PB166301BS Acquired: 1/29/2025 16:58:23 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204015	.0533871	.0204333	.0696364	.1149056	.3743441	.3857782
Stddev	.0020603	.0011946	.0011372	.0008329	.0006655	.0071780	.0057485
%RSD	10.09856	2.237617	5.565605	1.196045	.5791292	1.917494	1.490119

#1	.0213022	.0526877	.0214121	.0686946	.1154593	.3661194	.3804609
#2	.0180443	.0547665	.0207022	.0702761	.1141673	.3793454	.3918779
#3	.0218581	.0527072	.0191858	.0699384	.1150900	.3775674	.3849958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103759	.0101741	9.603222	.0220295	.0993005	.0540444	.2034108
Stddev	.0000124	.0000791	.108865	.0003788	.0000607	.0017744	.0058525
%RSD	.1199413	.7774273	1.133626	1.719663	.0611091	3.283175	2.877188

#1	.0103898	.0101047	9.511716	.0222531	.0993062	.0543044	.2059993
#2	.0103657	.0102602	9.723617	.0222433	.0992371	.0556744	.2075227
#3	.0103721	.0101574	9.574333	.0215921	.0993581	.0521543	.1967104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309728	8.624251	.0806772	.0196446	9.472246	.1064658	.1198823
Stddev	.0005916	.062660	.0001685	.0003003	.397996	.0019069	.0014560
%RSD	1.909907	.7265507	.2088680	1.528595	4.201704	1.791039	1.214505

#1	.0302907	8.577438	.0808069	.0193709	9.275993	.1082080	.1194766
#2	.0312824	8.695434	.0807380	.0199658	9.210491	.1067609	.1214981
#3	.0313453	8.599879	.0804867	.0195969	9.930253	.1044287	.1186722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.211476	.0164769	-.001202	.0211628	.1814764	.8716308	.0134407
Stddev	.112971	.0013291	.001173	.0000983	.0039241	.0045356	.0009027
%RSD	1.226418	8.066280	97.62356	.4642728	2.162291	.5203641	6.716086

#1	9.086019	.0169538	-.001973	.0210897	.1849568	.8670806	.0144690
#2	9.305155	.0149752	.000148	.0211243	.1822487	.8716603	.0127792
#3	9.243254	.0175017	-.001781	.0212745	.1772236	.8761517	.0130739

Sample Name: PB166301BS Acquired: 1/29/2025 16:58:23 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS301 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2080600	.0292012	.1964681
Stddev	.0013034	.0011893	.0027596
%RSD	.6264287	4.072850	1.404620

#1	.2073680	.0293204	.1937806
#2	.2095634	.0303265	.1992946
#3	.2072486	.0279568	.1963290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.142	70595.31	13609.37	2370.478	4008.387
Stddev	5.275	680.25	56.62	20.041	3.913
%RSD	.1570865	.9635915	.4160270	.8454342	.0976280

#1	3359.037	70920.25	13559.92	2384.715	4005.895
#2	3362.912	69813.52	13597.07	2347.560	4012.897
#3	3352.477	71052.15	13671.13	2379.157	4006.369

Sample Name: CCV029 Acquired: 1/29/2025 17:02:27 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.138618	4.871049	24.74611	5.106162	5.195191	400.1911	10.57906
Stddev	.004666	.033871	.01247	.017924	.017703	8.0587	.28465
%RSD	.0908082	.6953495	.0504108	.3510250	.3407505	2.013715	2.690697

#1	5.134306	4.834905	24.73613	5.086391	5.180835	391.0433	10.27558
#2	5.137977	4.902061	24.74211	5.110749	5.189766	406.2419	10.84012
#3	5.143572	4.876181	24.76010	5.121347	5.214971	403.2881	10.62148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	496.3027	2.491449	406.6289	15.75585	2.507844	15.12346	406.6988
Stddev	.0042664	.002536	8.4825	.36069	.003415	.06353	6.8989
%RSD	.8596333	.1017761	2.086056	2.289268	.1361807	.4200955	1.696324

#1	491.4756	2.490737	399.2950	15.35606	2.506132	15.05011	399.0782
#2	497.8637	2.494265	415.9184	16.05687	2.505624	15.15972	412.5191
#3	499.5687	2.489346	404.6731	15.85461	2.511777	15.16057	408.4992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.54516	402.4020	2.497105	1.316177	388.2909	2.490063	15.86578
Stddev	.28424	6.4836	.002375	.028090	1.2989	.013804	.43350
%RSD	1.828485	1.611228	.0951015	2.134229	.3345215	.5543536	2.732288

#1	15.24168	395.1436	2.495763	1.285061	387.0067	2.479007	15.42721
#2	15.80514	407.6198	2.495705	1.339666	388.2620	2.485647	16.29403
#3	15.58867	404.4427	2.499847	1.323804	389.6041	2.505534	15.87611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	164.3148	4.982163	5.396442	5.038787	5.040049	4.890863	4.985871
Stddev	2.9331	.013057	.056849	.013319	.011868	.024028	.009646
%RSD	1.785031	.2620662	1.053458	.2643236	.2354655	.4912817	.1934705

#1	161.0852	4.968407	5.330805	5.028852	5.037419	4.864580	4.975107
#2	166.8129	4.983700	5.430076	5.033587	5.053011	4.911702	4.988773
#3	165.0463	4.994384	5.428445	5.053921	5.029717	4.896306	4.993733

Sample Name: CCV029 Acquired: 1/29/2025 17:02:27 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.007080	5.401779	5.385030
Stddev	.019205	.110489	.104220
%RSD	.3835628	2.045422	1.935372

#1	4.985420	5.283238	5.280026
#2	5.013790	5.501902	5.488449
#3	5.022030	5.420196	5.386615

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.424	59931.80	12834.65	1943.987	3008.578
Stddev	6.399	1073.69	39.64	48.667	3.297
%RSD	.2312185	1.791527	.3088727	2.503474	.1095744

#1	2769.802	61101.51	12868.05	1994.675	3008.553
#2	2772.293	58991.06	12845.06	1897.630	3011.888
#3	2760.177	59702.84	12790.84	1939.657	3005.295

Sample Name: CCB029 Acquired: 1/29/2025 17:06:45 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005161	.0004822	.0004229	-.000197	.0002698	.0028082	-.000049
Stddev	.0008616	.0014907	.0017112	.000885	.0025665	.0040995	.001067
%RSD	166.9242	309.1627	404.6330	448.9100	951.1562	145.9824	2165.134

#1	-.000444	.0007864	-.000202	-.000552	.0003166	.0025719	-.001215
#2	.000772	.0017973	-.000888	-.000850	.0028127	-.001168	.000188
#3	.001221	-.001137	.002359	.000811	-.002320	.007021	.000879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.000009	.0126753	.0002820	-.000264	.0006676	.0012756
Stddev	.000066	.000085	.0057133	.0002602	.000113	.0003769	.0067152
%RSD	261.6348	986.6360	45.07415	92.25884	42.80054	56.45544	526.4178

#1	.000045	.000086	.0070665	.0000092	-.000232	.0009174	-.004984
#2	-.000084	-.000080	.0184876	.0005274	-.000390	.0002341	.008369
#3	-.000036	-.000032	.0124718	.0003095	-.000170	.0008513	.000442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	.0111232	-.000005	-.000039	.0764491	.0011841	.0005432
Stddev	.000074	.0019353	.000534	.000074	.4911489	.0017759	.0012147
%RSD	170.6646	17.39868	11081.35	188.9181	642.4519	149.9798	223.6179

#1	-.000063	.0093486	.000050	.000004	.4575309	.0031458	.0016268
#2	.000039	.0131867	-.000564	-.000125	-.477836	-.000314	.0007726
#3	-.000106	.0108343	.000500	.000004	.249652	.000720	-.000770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886969	-.001276	.0023639	.0002095	.0066403	-.000141	-.000272
Stddev	.0223749	.000301	.0004744	.0003216	.0024157	.000466	.000051
%RSD	25.22620	23.55349	20.06705	153.5475	36.37993	329.2323	18.63826

#1	.1068021	-.001365	.0021266	-.000140	.0094218	-.000597	-.000330
#2	.0636823	-.000941	.0029100	.000493	.0054320	.000333	-.000242
#3	.0956064	-.001523	.0020550	.000276	.0050671	-.000160	-.000243

Sample Name: CCB029 Acquired: 1/29/2025 17:06:45 Type: Unk
Method: EPA SFAM01.0(v59) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000046	.0007411	.0000052
Stddev	.000410	.0005966	.0000571
%RSD	897.9000	80.50076	1098.683

#1	.000298	.0012986	-.000054
#2	.000065	.0001119	.000010
#3	-.000500	.0008127	.000060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3363.619	72843.87	13860.85	2396.212	4111.113
Stddev	6.179	153.73	10.39	4.343	10.825
%RSD	.1837010	.2110445	.0749355	.1812621	.2633219

#1	3369.820	72678.29	13852.73	2400.212	4122.495
#2	3357.462	72982.07	13857.25	2391.592	4100.947
#3	3363.575	72871.24	13872.55	2396.831	4109.896