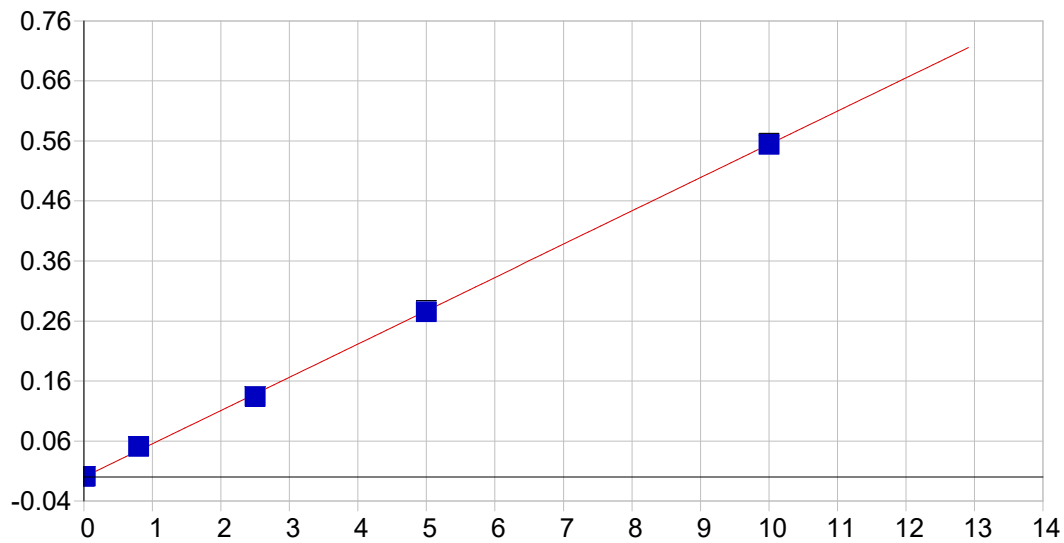


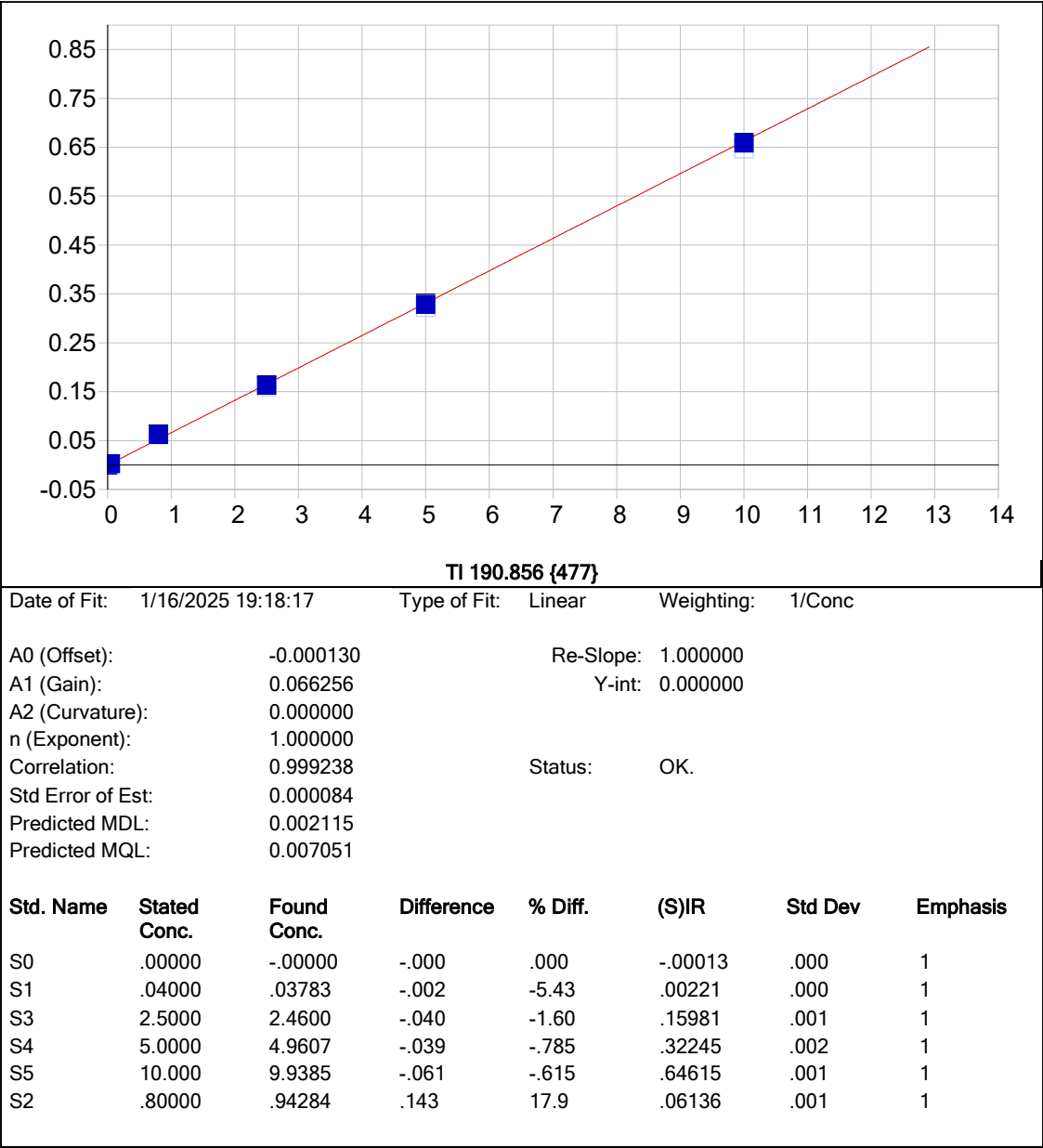


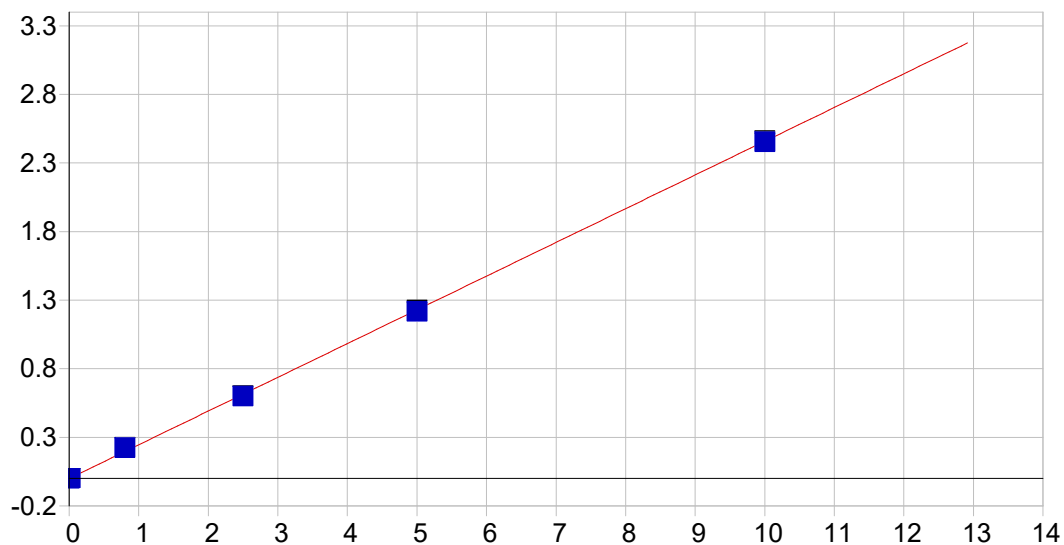
As 189.042 {479}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000216 Re-Slope: 1.000000
A1 (Gain): 0.055460 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999468 Status: OK.
Std Error of Est: 0.000042
Predicted MDL: 0.002783
Predicted MQL: 0.009275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02000	.02268	.003	13.4	.00104	.000	1
S3	2.5000	2.4200	-.080	-3.20	.13385	.000	1
S4	5.0000	4.9664	-.034	-.672	.27492	.002	1
S5	10.000	9.9967	-.003	-.033	.55361	.002	1
S2	.80000	.91425	.114	14.3	.05044	.000	1



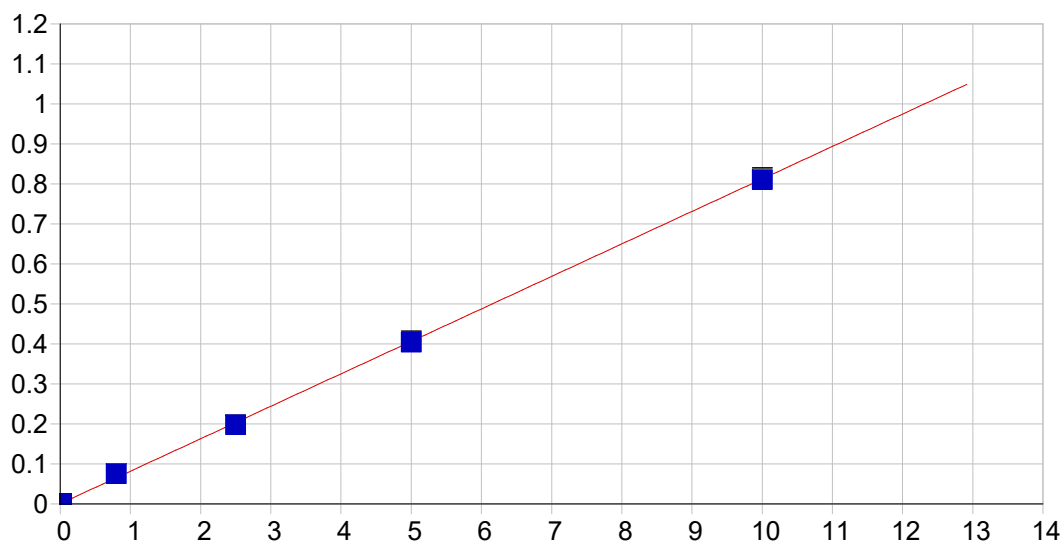


Pb 220.353 {453}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000101 Re-Slope: 1.000000
A1 (Gain): 0.245888 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999477 Status: OK.
Std Error of Est: 0.000144
Predicted MDL: 0.001233
Predicted MQL: 0.004111

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.01200	.01081	-.001	-9.92	.00250	.000	1
S3	2.5000	2.4443	-.056	-2.23	.60024	.001	1
S4	5.0000	4.9557	-.044	-.887	1.2171	.009	1
S5	10.000	9.9835	-.016	-.165	2.4520	.008	1
S2	.80000	.91774	.118	14.7	.22534	.001	1

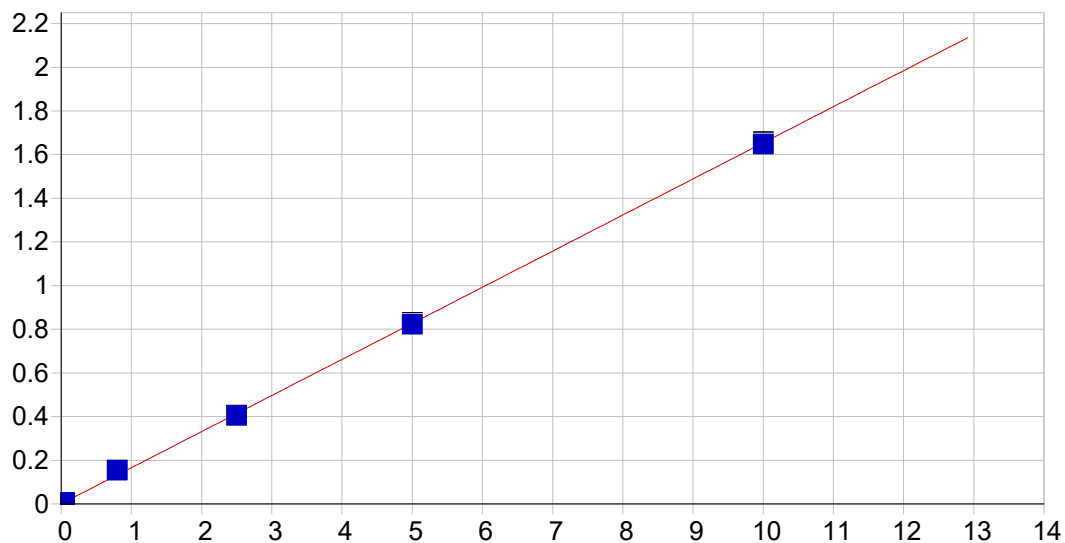


Se 196.090 {472}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000
A1 (Gain): 0.081190 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999416 Status: OK.
Std Error of Est: 0.000065
Predicted MDL: 0.002570
Predicted MQL: 0.008565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00046	.000	1
S1	.02000	.01936	-.001	-3.22	.00203	.000	1
S3	2.5000	2.4260	-.074	-2.96	.19737	.000	1
S4	5.0000	4.9742	-.026	-.515	.40421	.003	1
S5	10.000	9.9770	-.023	-.230	.81027	.005	1
S2	.80000	.92336	.123	15.4	.07541	.001	1

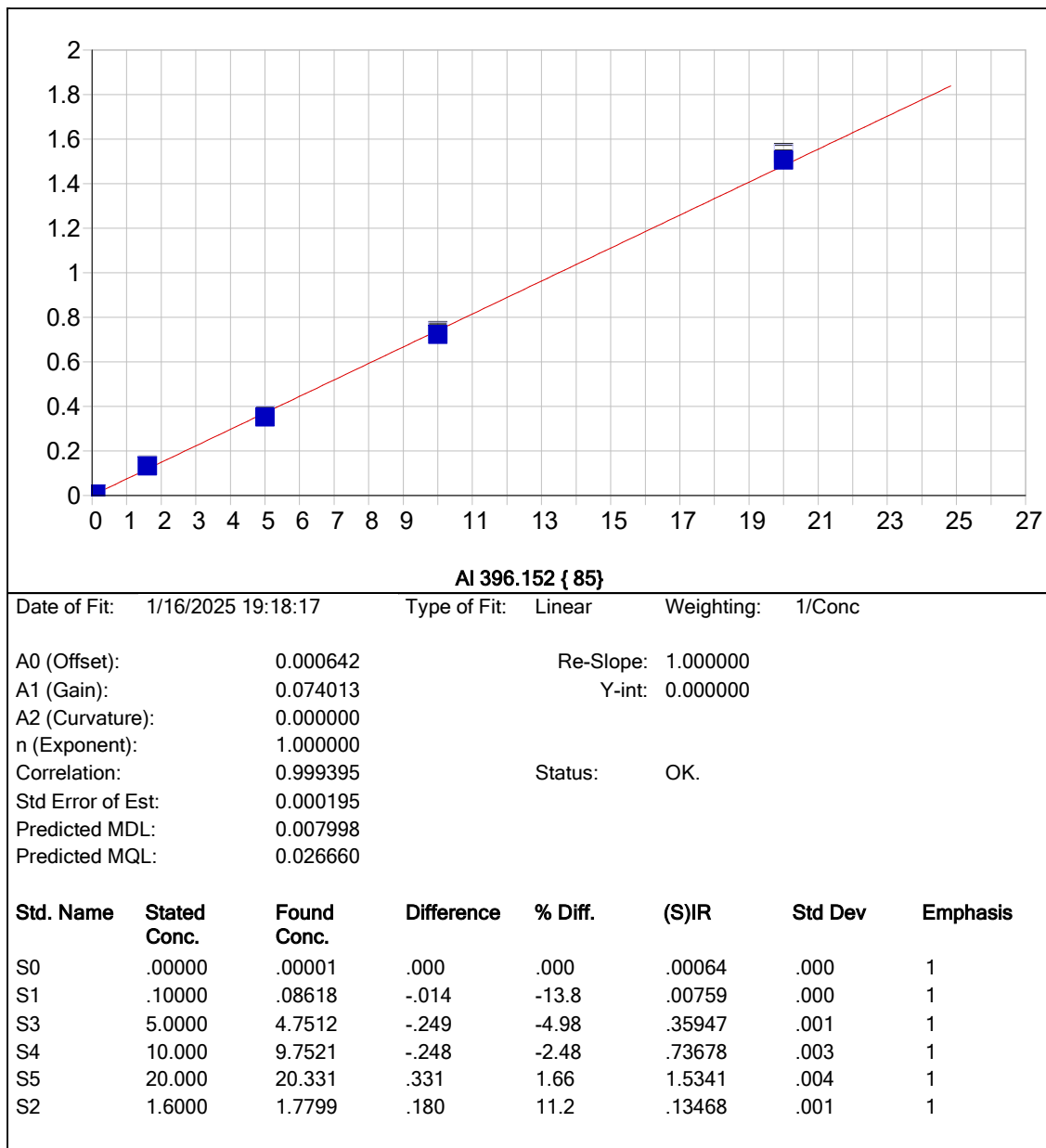


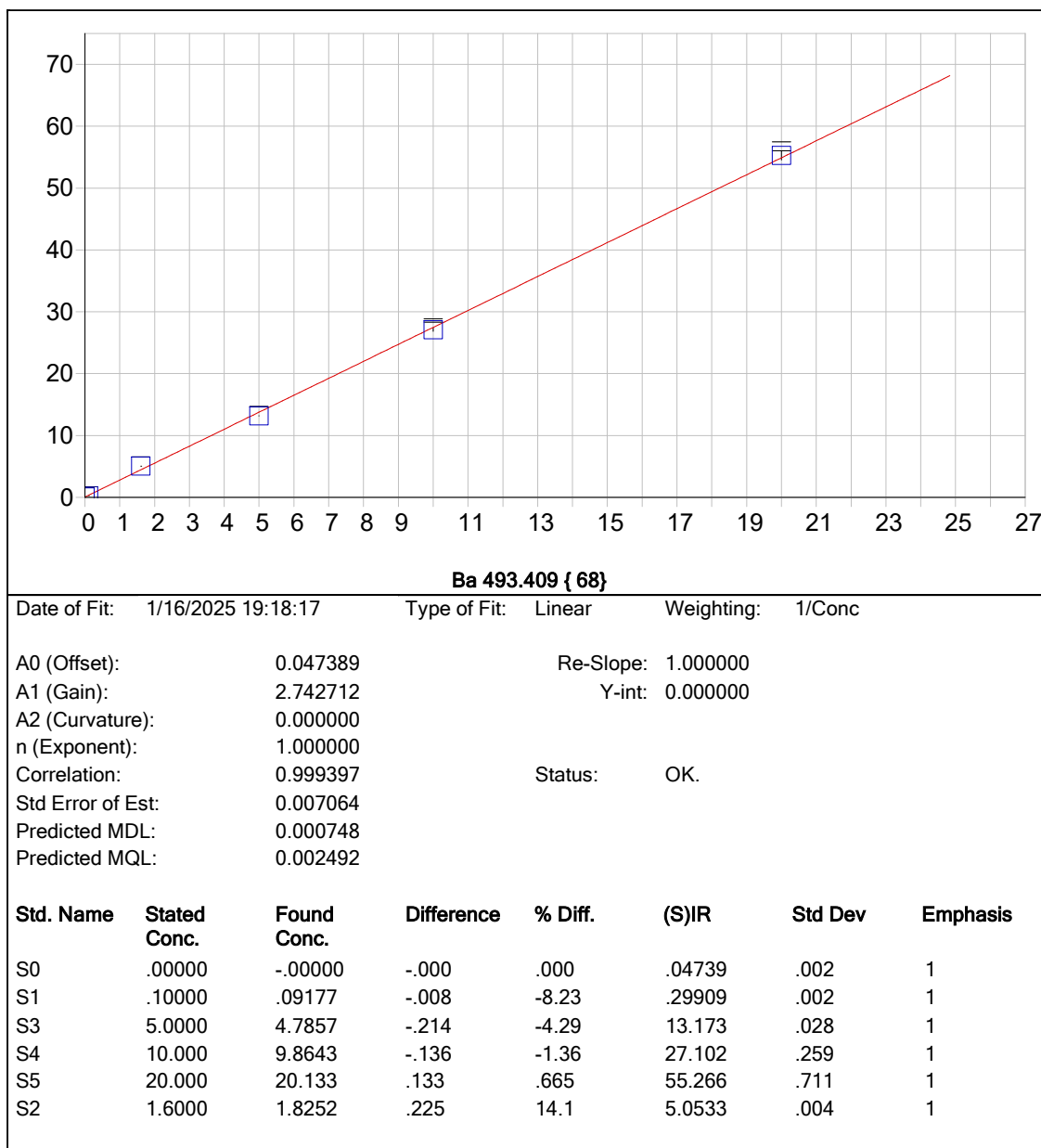
Sb 206.833 {463}

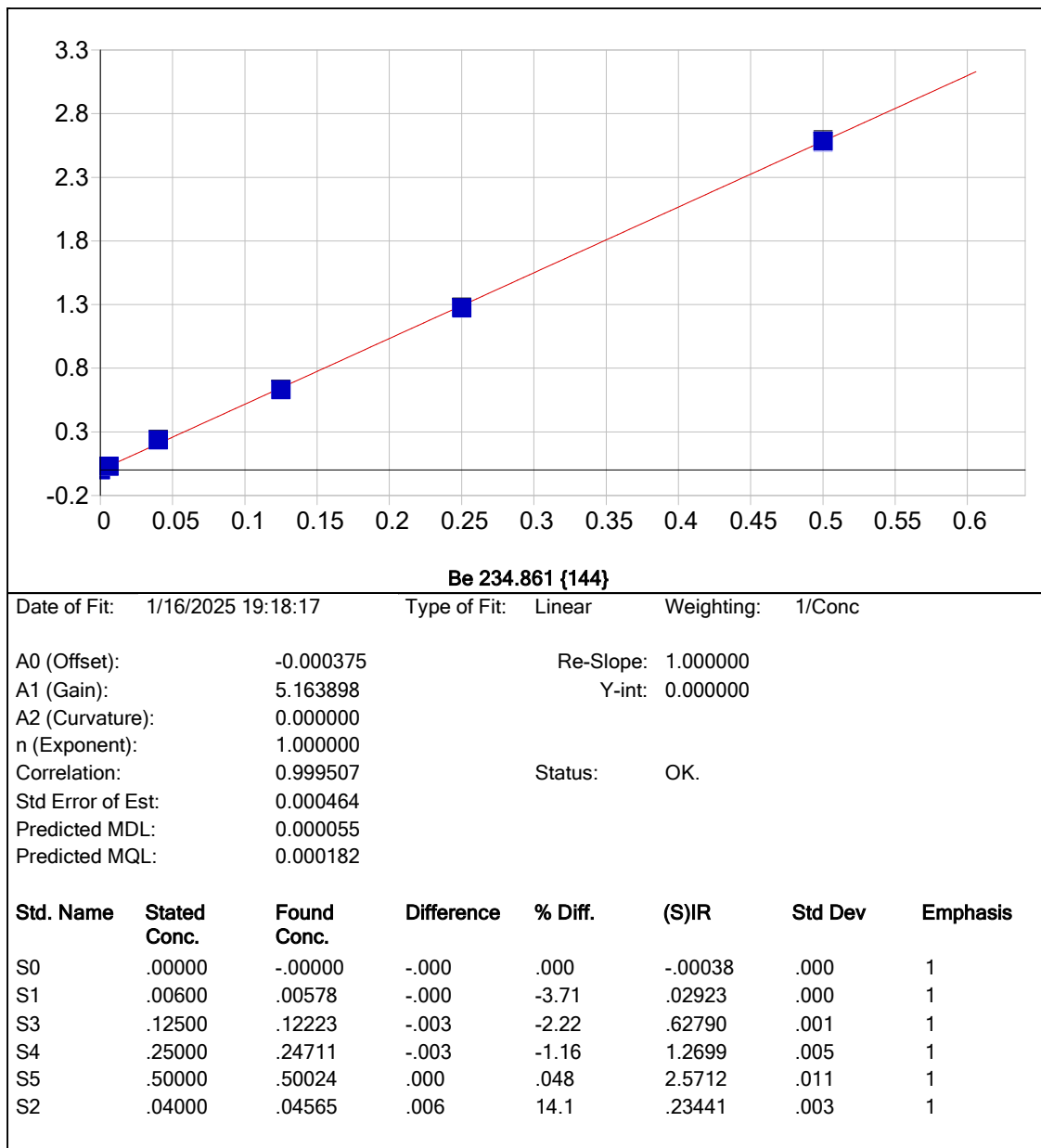
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

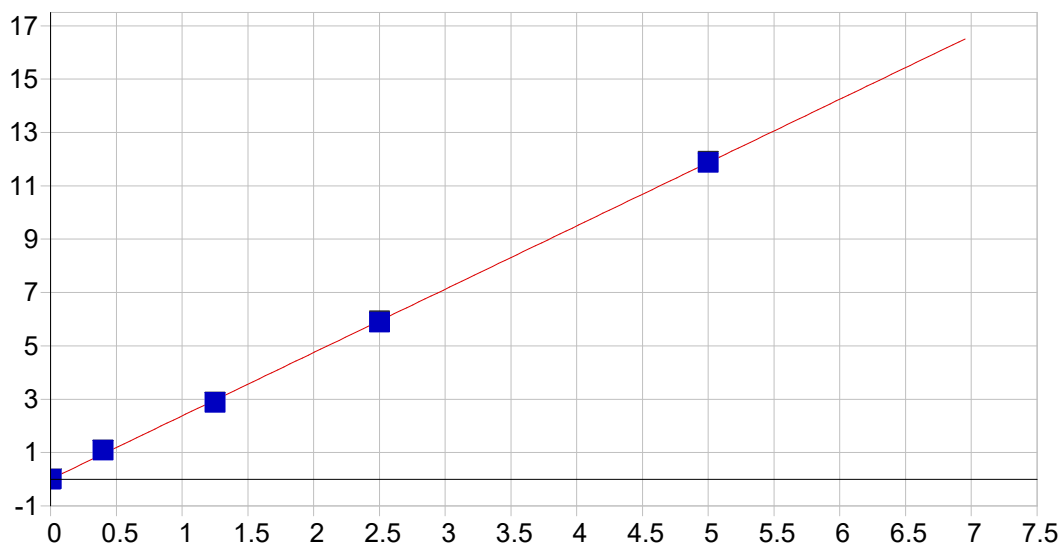
A0 (Offset): 0.000425 Re-Slope: 1.000000
A1 (Gain): 0.165351 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999423 Status: OK.
Std Error of Est: 0.000209
Predicted MDL: 0.001533
Predicted MQL: 0.005109

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.05000	.04805	-.002	-3.90	.00839	.000	1
S3	2.5000	2.4426	-.057	-2.29	.40544	.001	1
S4	5.0000	4.9704	-.030	-.592	.82453	.007	1
S5	10.000	9.9637	-.036	-.363	1.6524	.007	1
S2	.80000	.92523	.125	15.7	.15377	.001	1







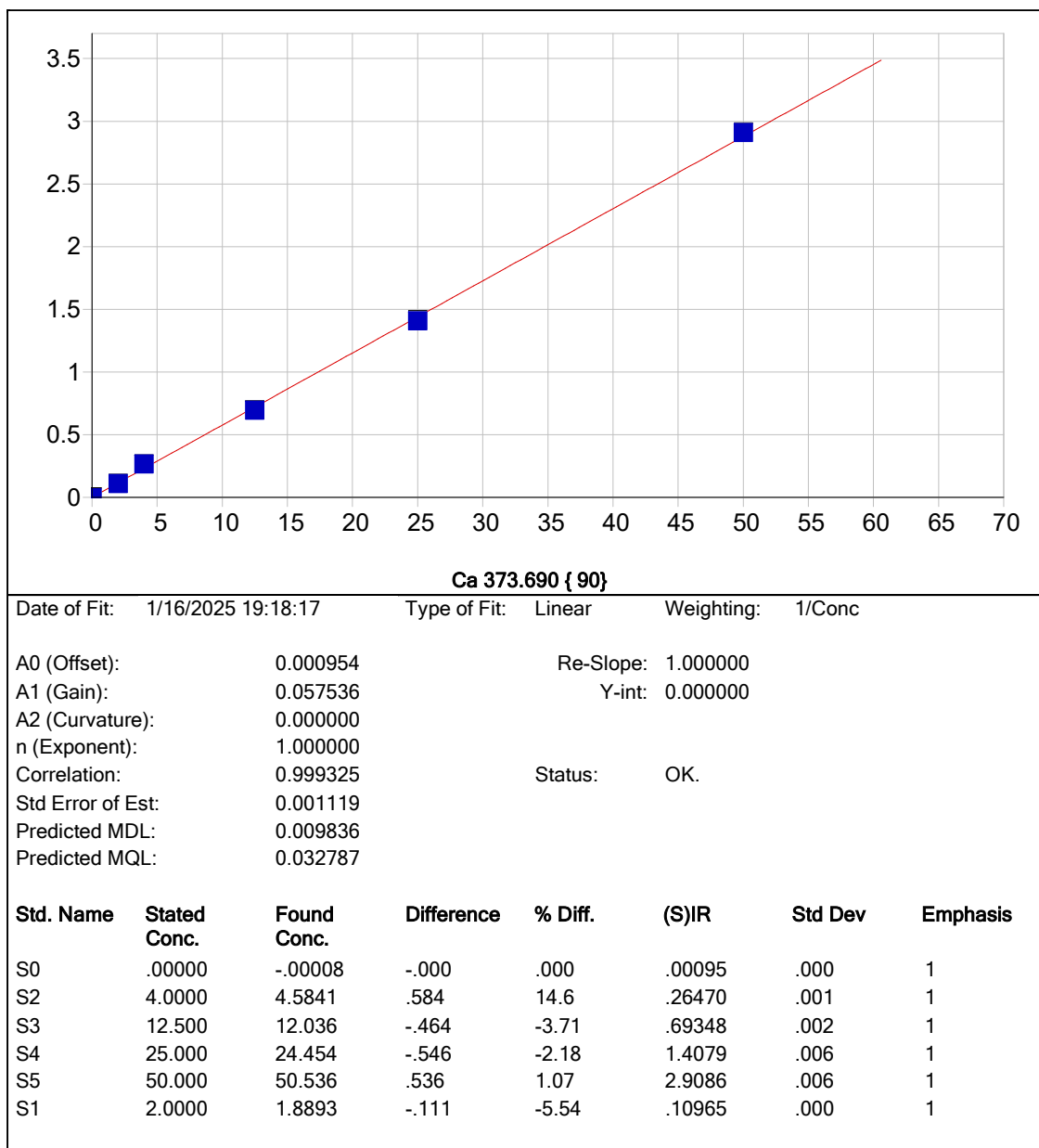


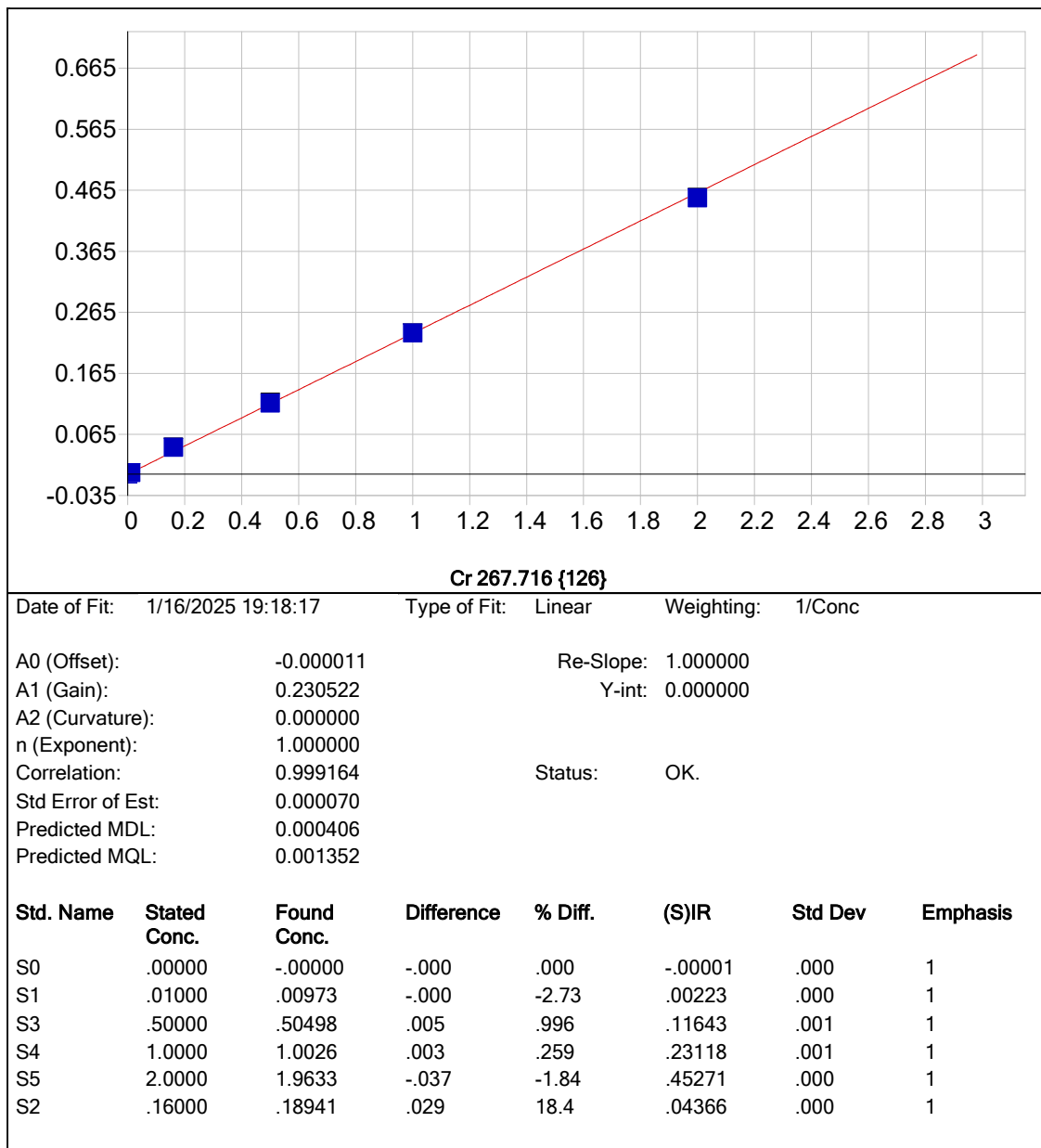
Cd 226.502 {449}

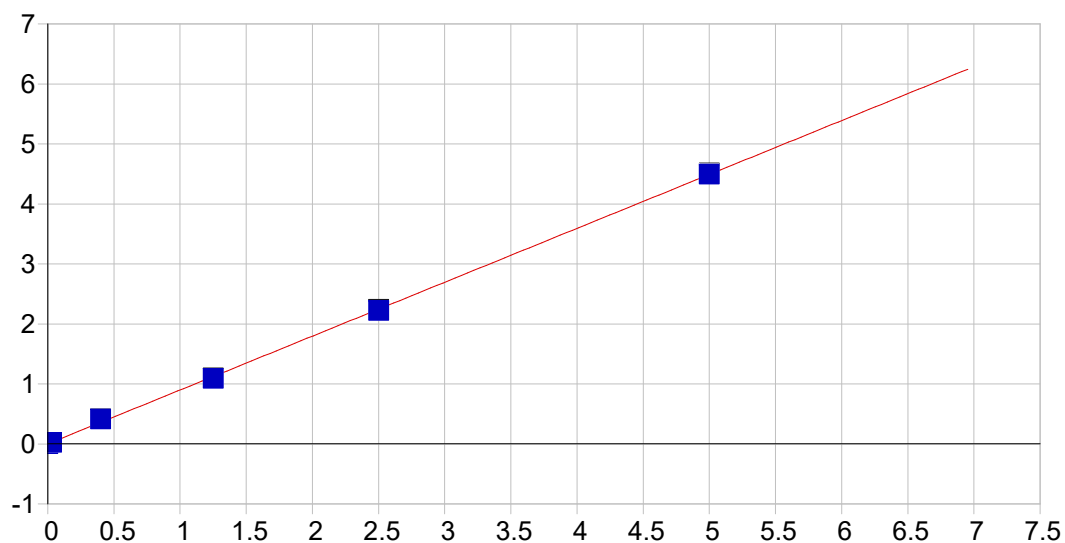
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000113 Re-Slope: 1.000000
A1 (Gain): 2.374410 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999507 Status: OK.
Std Error of Est: 0.000677
Predicted MDL: 0.000097
Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00011	.000	1
S1	.00600	.00576	-.000	-4.07	.01385	.000	1
S3	1.2500	1.2125	-.038	-3.00	2.8814	.008	1
S4	2.5000	2.4794	-.021	-.825	5.8920	.040	1
S5	5.0000	5.0027	.003	.055	11.888	.031	1
S2	.40000	.45565	.056	13.9	1.0828	.004	1





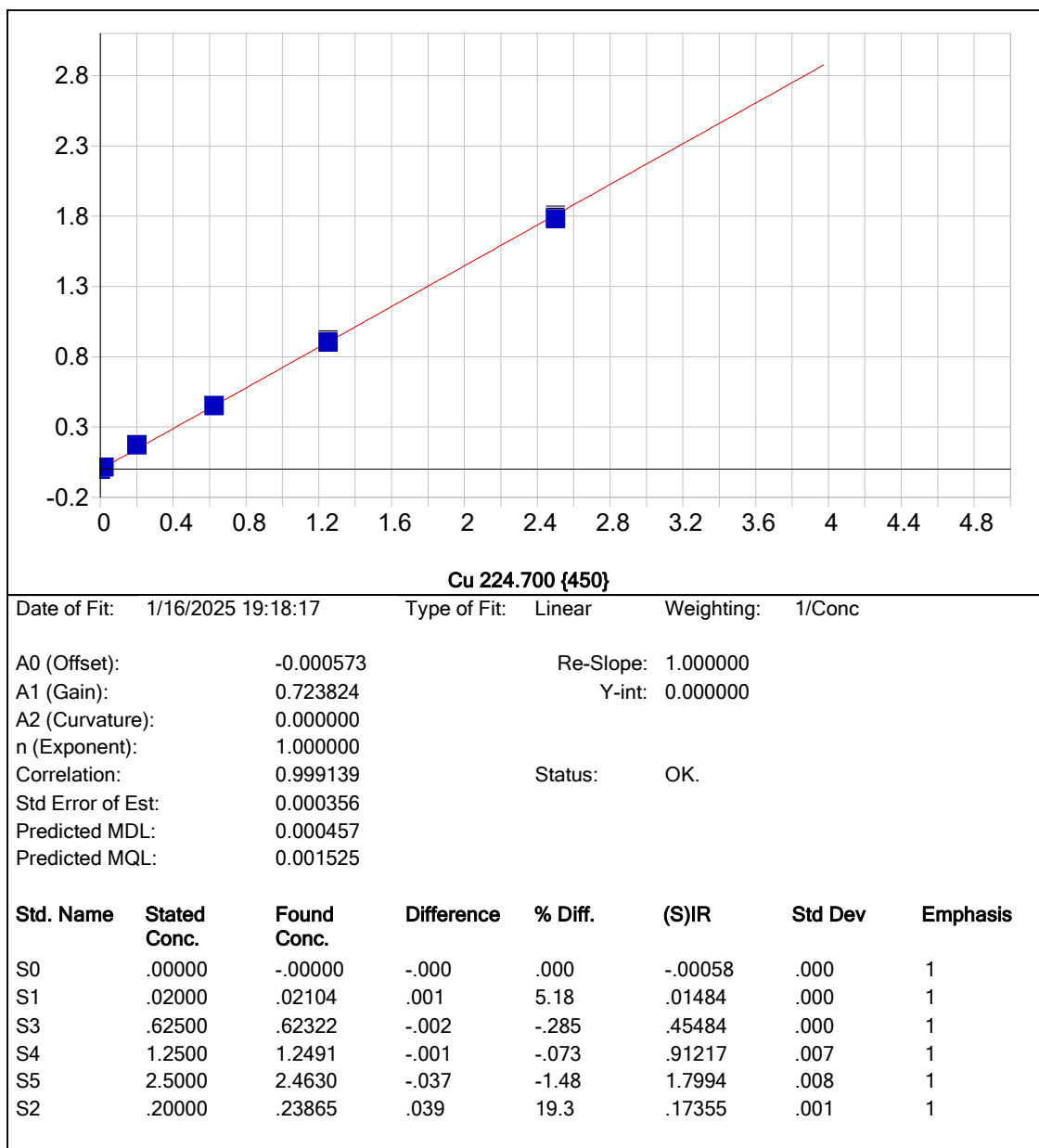


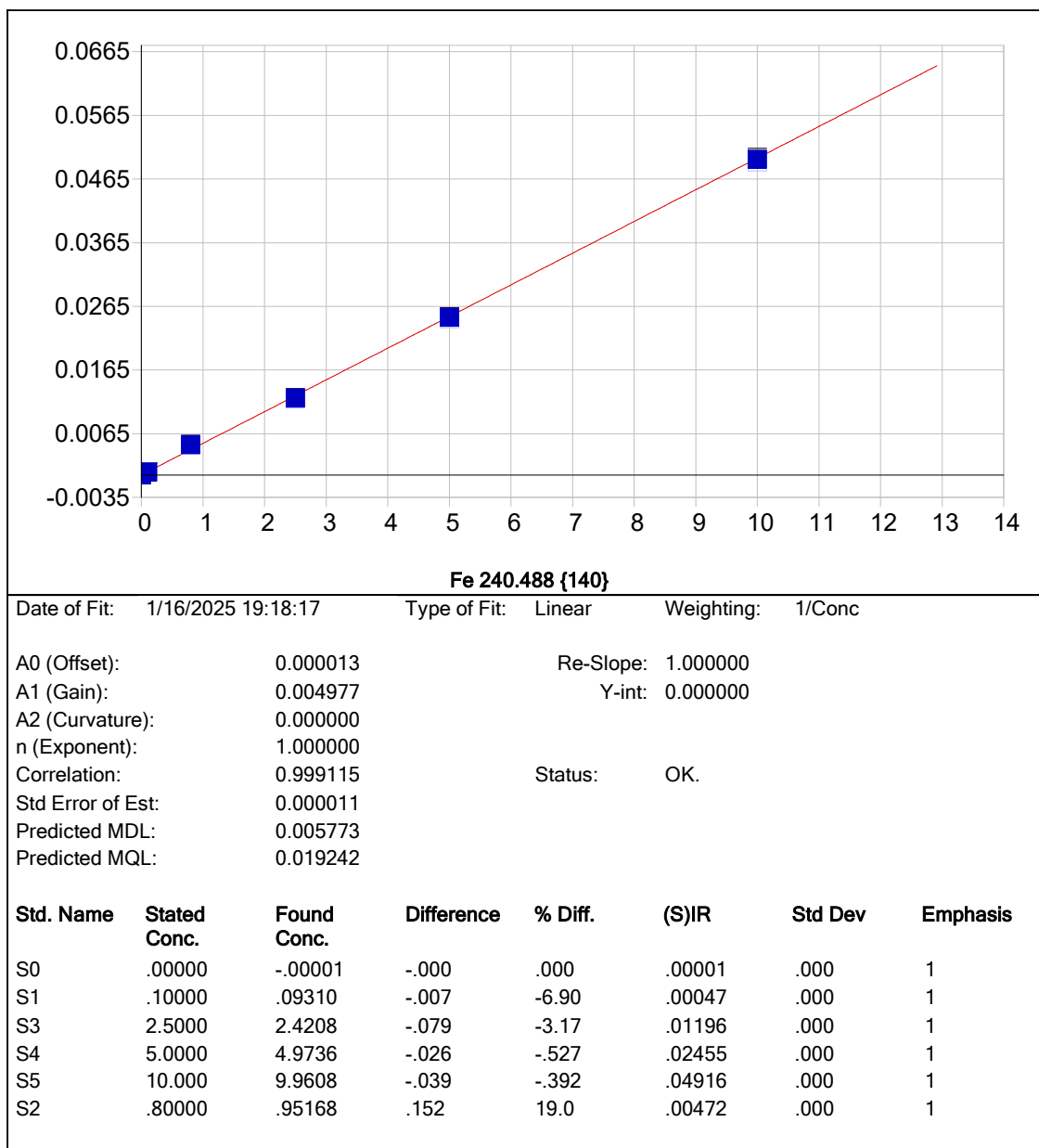
Co 228.616 {448}

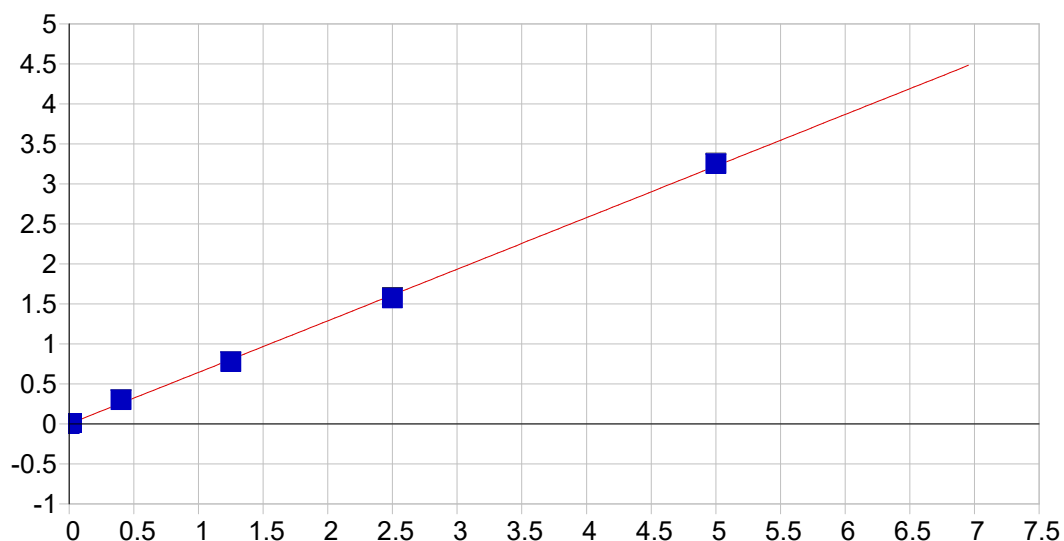
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000011 Re-Slope: 1.000000
A1 (Gain): 0.898106 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999467 Status: OK.
Std Error of Est: 0.000597
Predicted MDL: 0.000228
Predicted MQL: 0.000760

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.03000	.02838	-.002	-5.42	.02538	.000	1
S3	1.2500	1.2150	-.035	-2.80	1.0931	.003	1
S4	2.5000	2.4724	-.028	-1.10	2.2243	.016	1
S5	5.0000	5.0060	.006	.120	4.5035	.013	1
S2	.40000	.45815	.058	14.5	.41209	.001	1





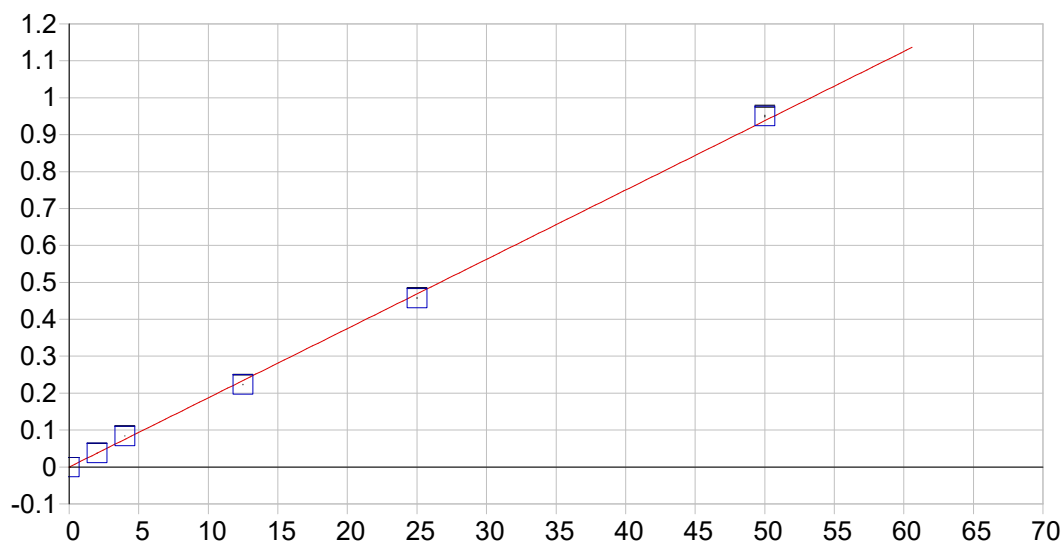


Mn 257.610 {131}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000072 Re-Slope: 1.000000
A1 (Gain): 0.644615 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999184 Status: OK.
Std Error of Est: 0.000432
Predicted MDL: 0.000354
Predicted MQL: 0.001179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02000	.01956	-.000	-2.20	.01254	.001	1
S3	1.2500	1.2026	-.047	-3.79	.77528	.002	1
S4	2.5000	2.4373	-.063	-2.51	1.5714	.007	1
S5	5.0000	5.0435	.044	.870	3.2517	.007	1
S2	.40000	.46704	.067	16.8	.30104	.001	1

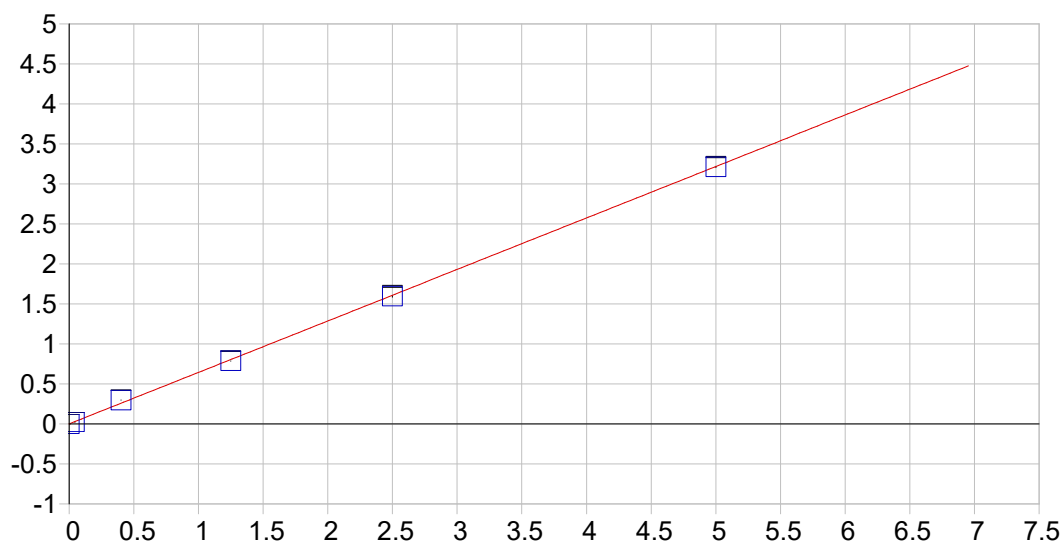


Mg 279.079 {121}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000242 Re-Slope: 1.000000
A1 (Gain): 0.018757 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999393 Status: OK.
Std Error of Est: 0.000346
Predicted MDL: 0.013761
Predicted MQL: 0.045871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	-.00024	.000	1
S2	4.0000	4.4948	.495	12.4	.08407	.000	1
S3	12.500	11.896	-.604	-4.83	.22290	.001	1
S4	25.000	24.414	-.586	-2.35	.45770	.001	1
S5	50.000	50.688	.688	1.38	.95053	.002	1
S1	2.0000	2.0076	.008	.379	.03742	.000	1

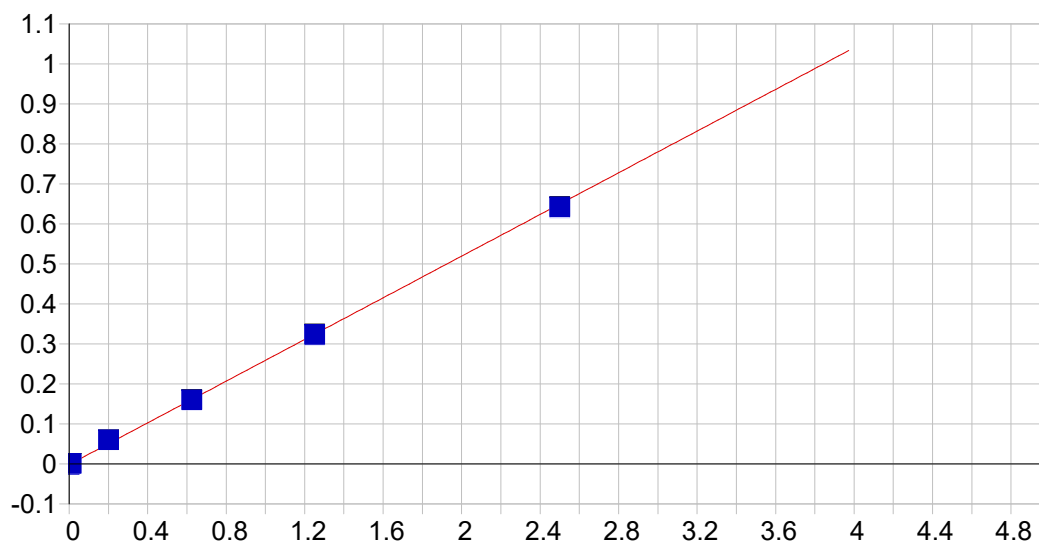


Ni 231.604 {446}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000078 Re-Slope: 1.000000
A1 (Gain): 0.643559 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999419 Status: OK.
Std Error of Est: 0.000515
Predicted MDL: 0.000354
Predicted MQL: 0.001181

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.04000	.03785	-.002	-5.38	.02443	.000	1
S3	1.2500	1.2214	-.029	-2.29	.78609	.003	1
S4	2.5000	2.4796	-.020	-.815	1.5959	.011	1
S5	5.0000	4.9888	-.011	-.224	3.2107	.008	1
S2	.40000	.46236	.062	15.6	.29764	.001	1

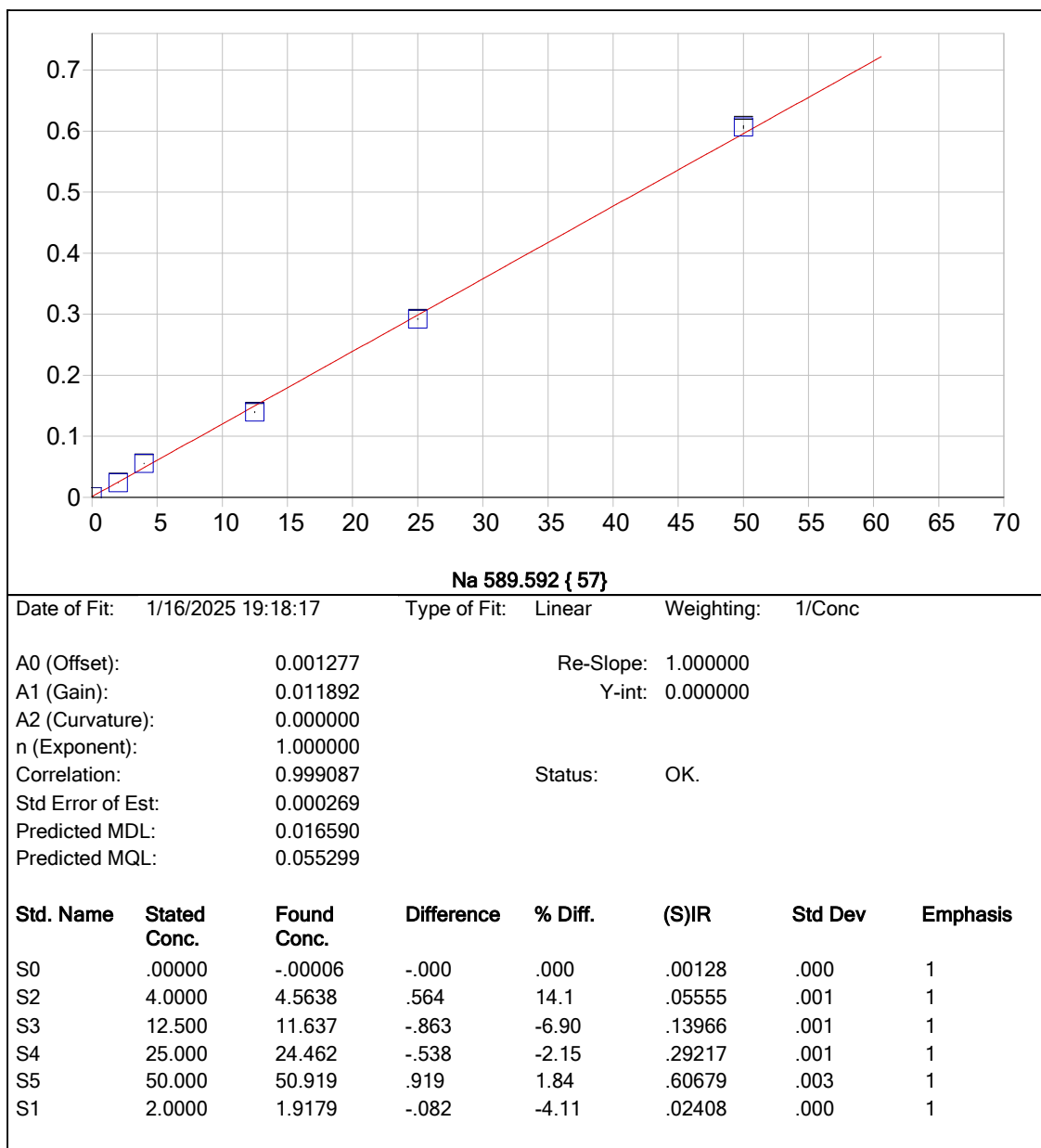


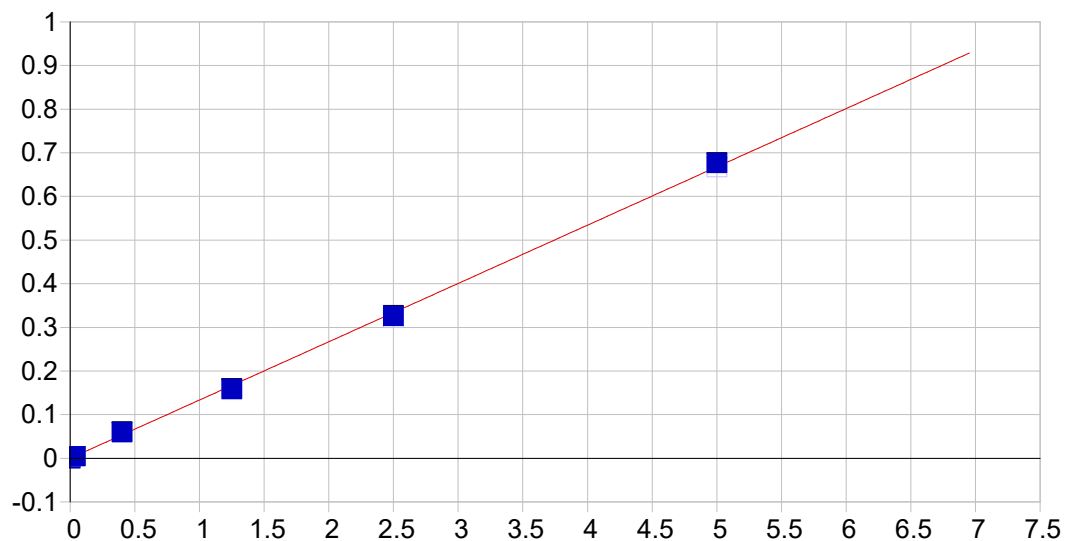
Ag 328.068 {103}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001584 Re-Slope: 1.000000
A1 (Gain): 0.260507 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999213 Status: OK.
Std Error of Est: 0.000085
Predicted MDL: 0.000462
Predicted MQL: 0.001539

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00158	.000	1
S1	.01000	.01021	.000	2.06	.00106	.000	1
S3	.62500	.62048	-.005	-.723	.15941	.001	1
S4	1.2500	1.2464	-.004	-.287	.32182	.002	1
S5	2.5000	2.4711	-.029	-1.16	.63956	.001	1
S2	.20000	.23684	.037	18.4	.05991	.000	1



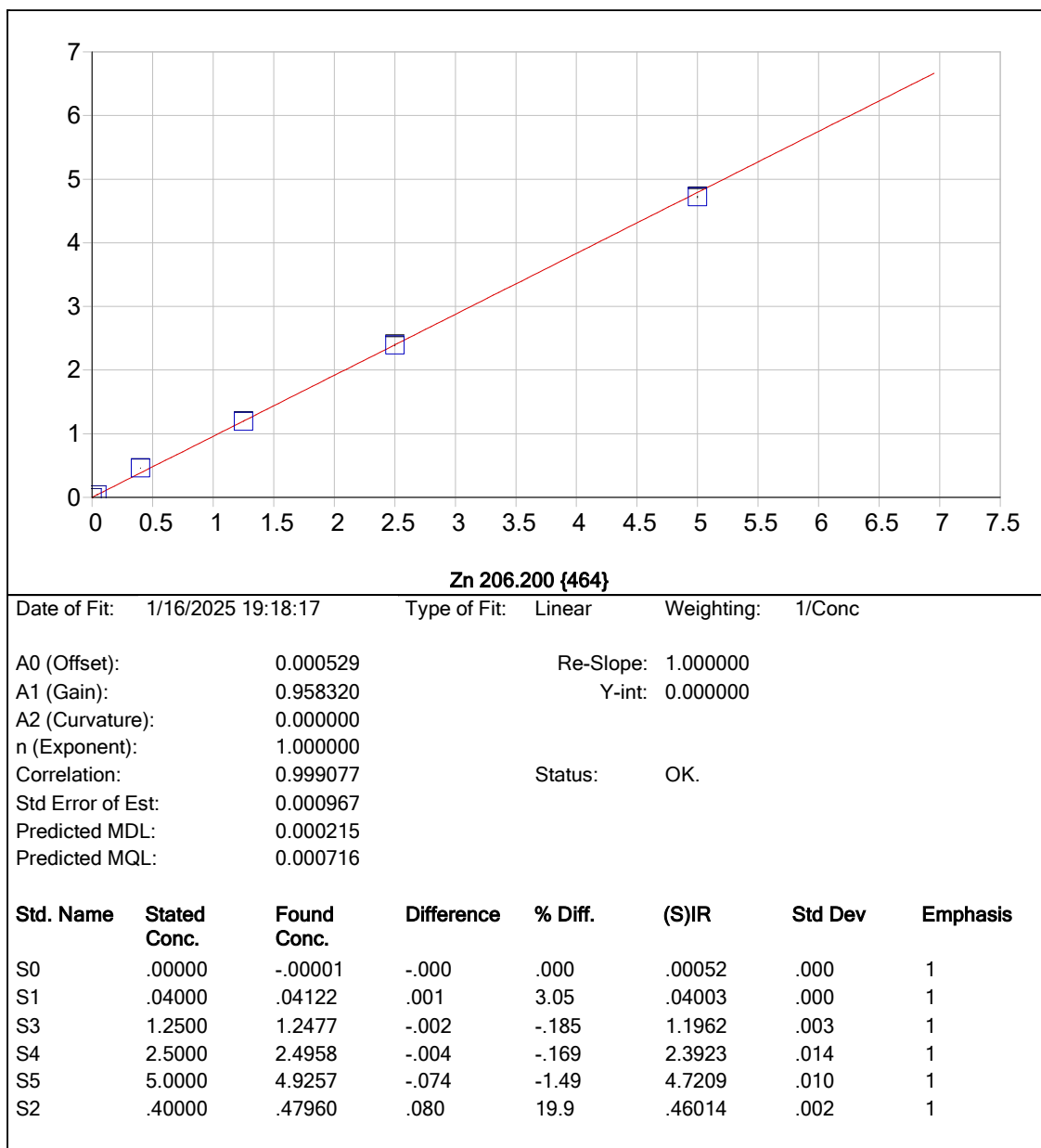


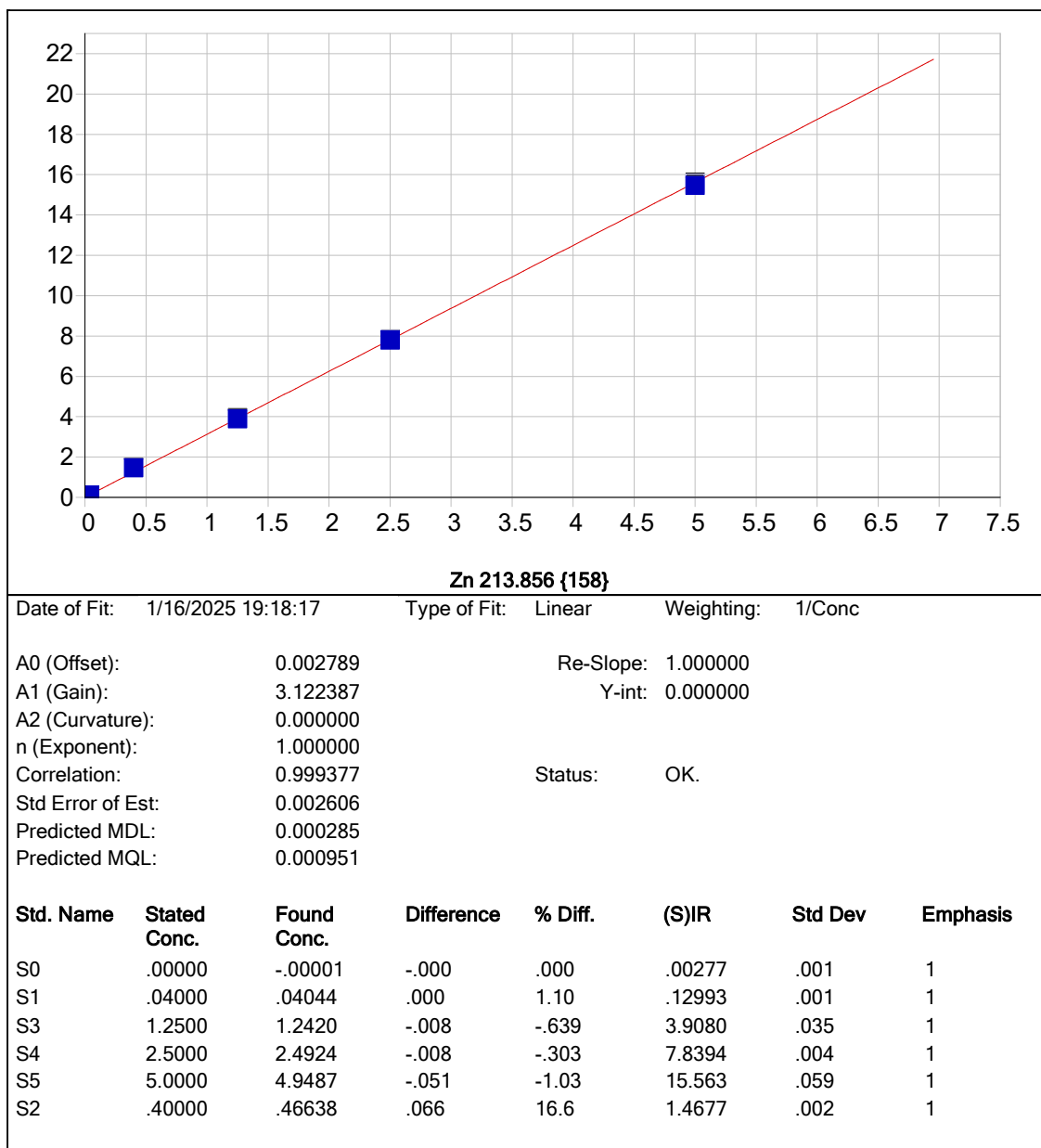
V 292.402 {115}

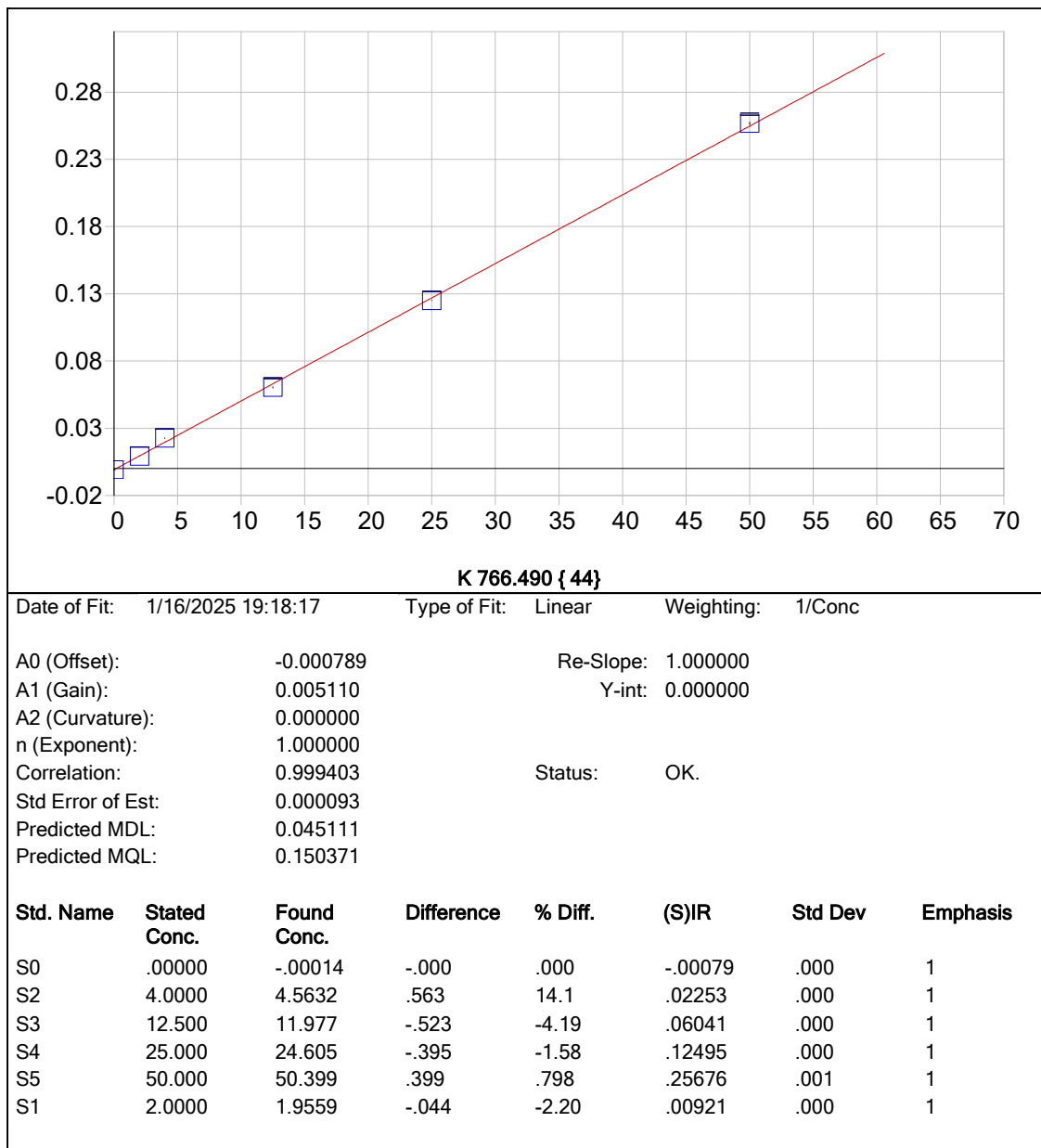
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

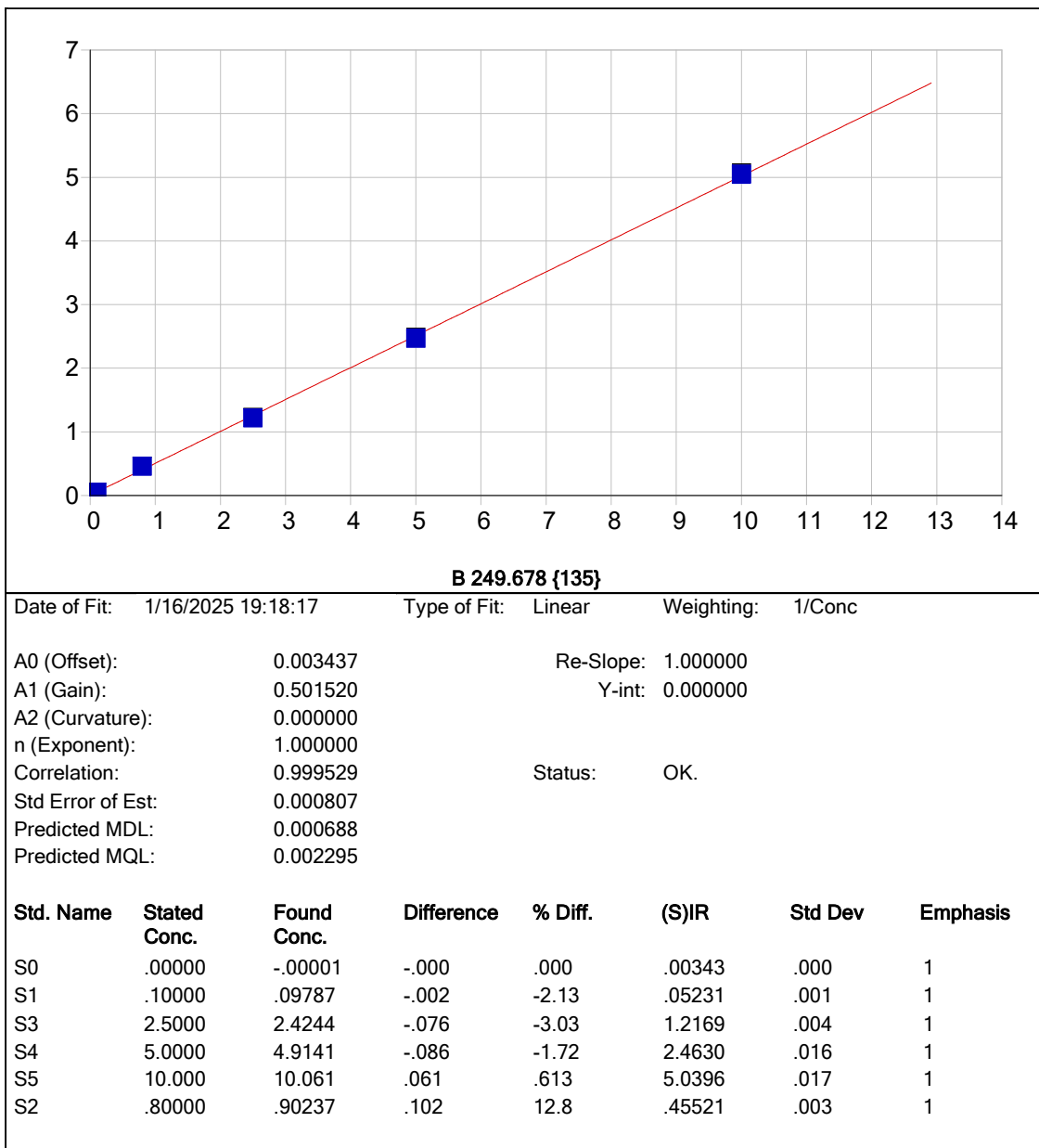
A0 (Offset): -0.000052 Re-Slope: 1.000000
A1 (Gain): 0.133550 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999397 Status: OK.
Std Error of Est: 0.000107
Predicted MDL: 0.001954
Predicted MQL: 0.006512

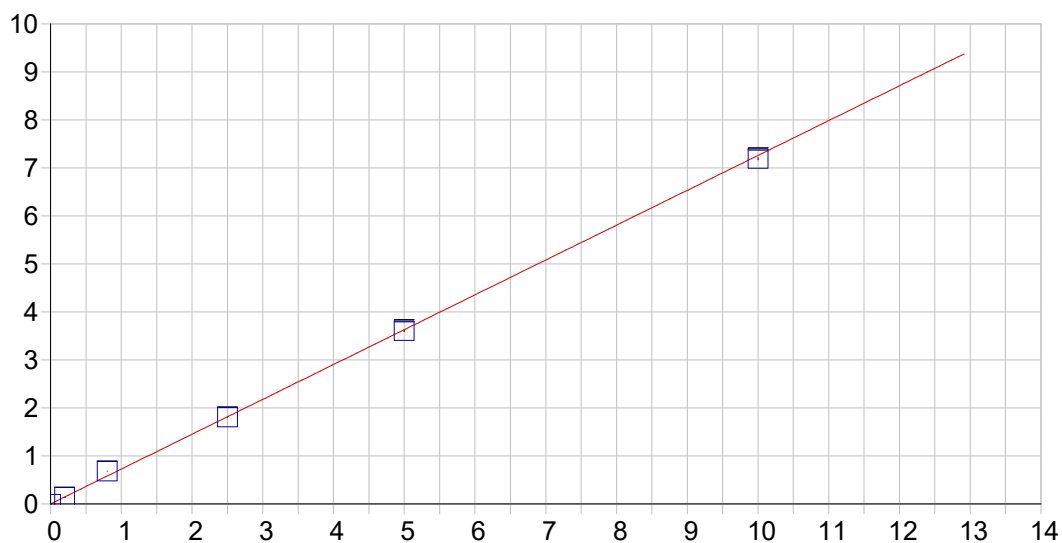
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00005	.000	1
S1	.04000	.03812	-.002	-4.71	.00484	.000	1
S3	1.2500	1.1919	-.058	-4.65	.15669	.000	1
S4	2.5000	2.4436	-.056	-2.26	.32142	.001	1
S5	5.0000	5.0684	.068	1.37	.66710	.000	1
S2	.40000	.44802	.048	12.0	.05900	.001	1









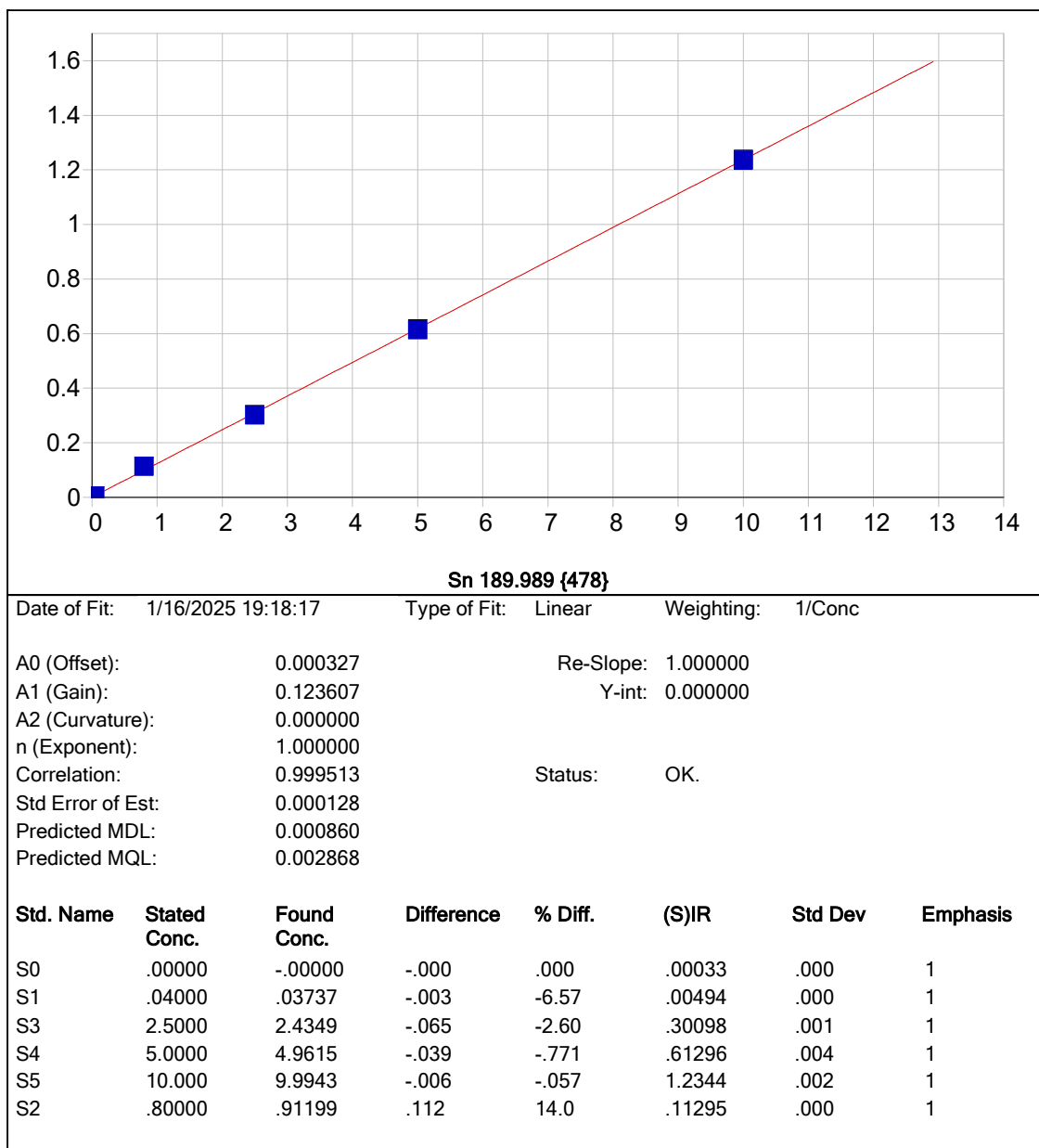


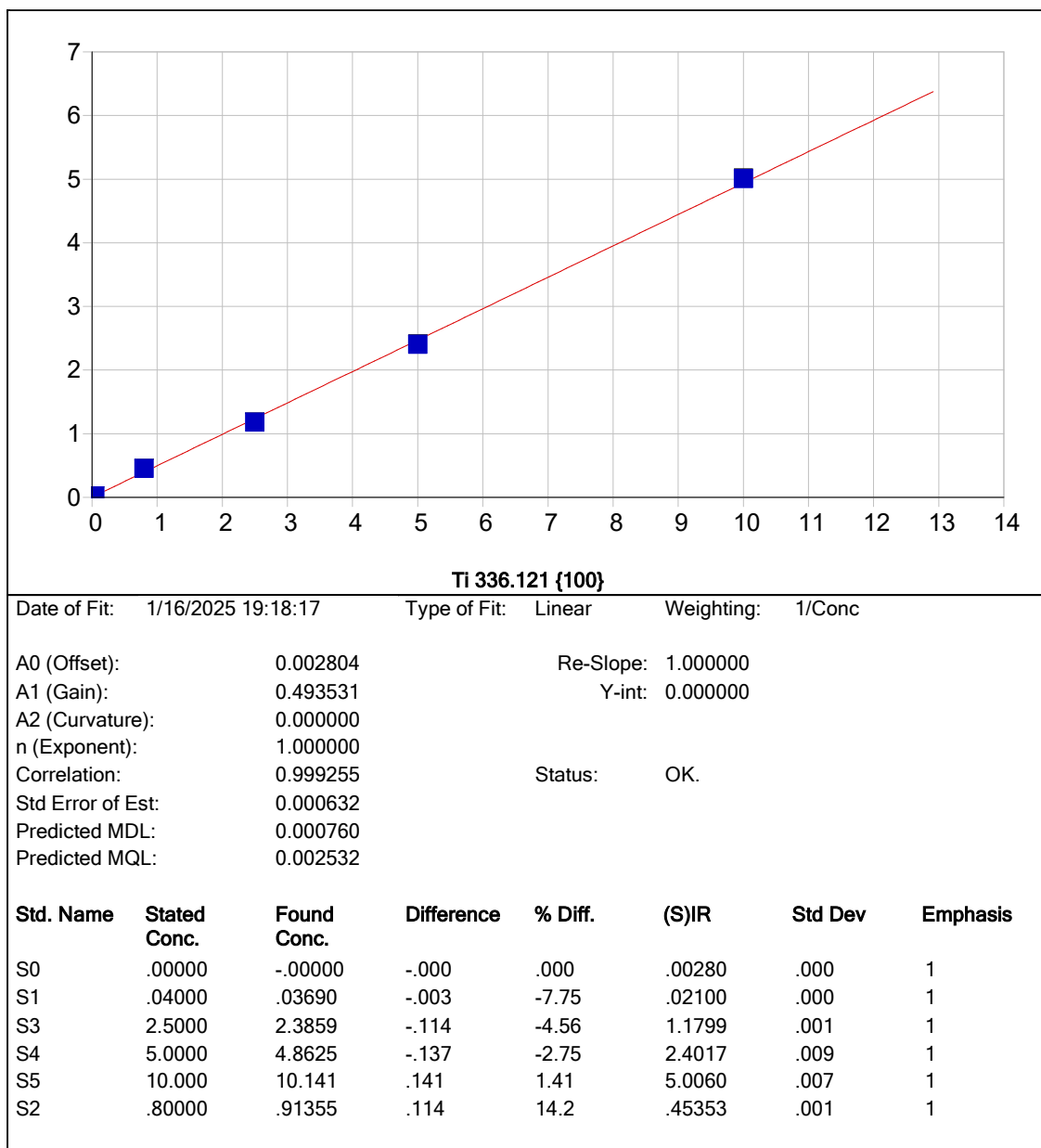
Mo 202.030 {467}

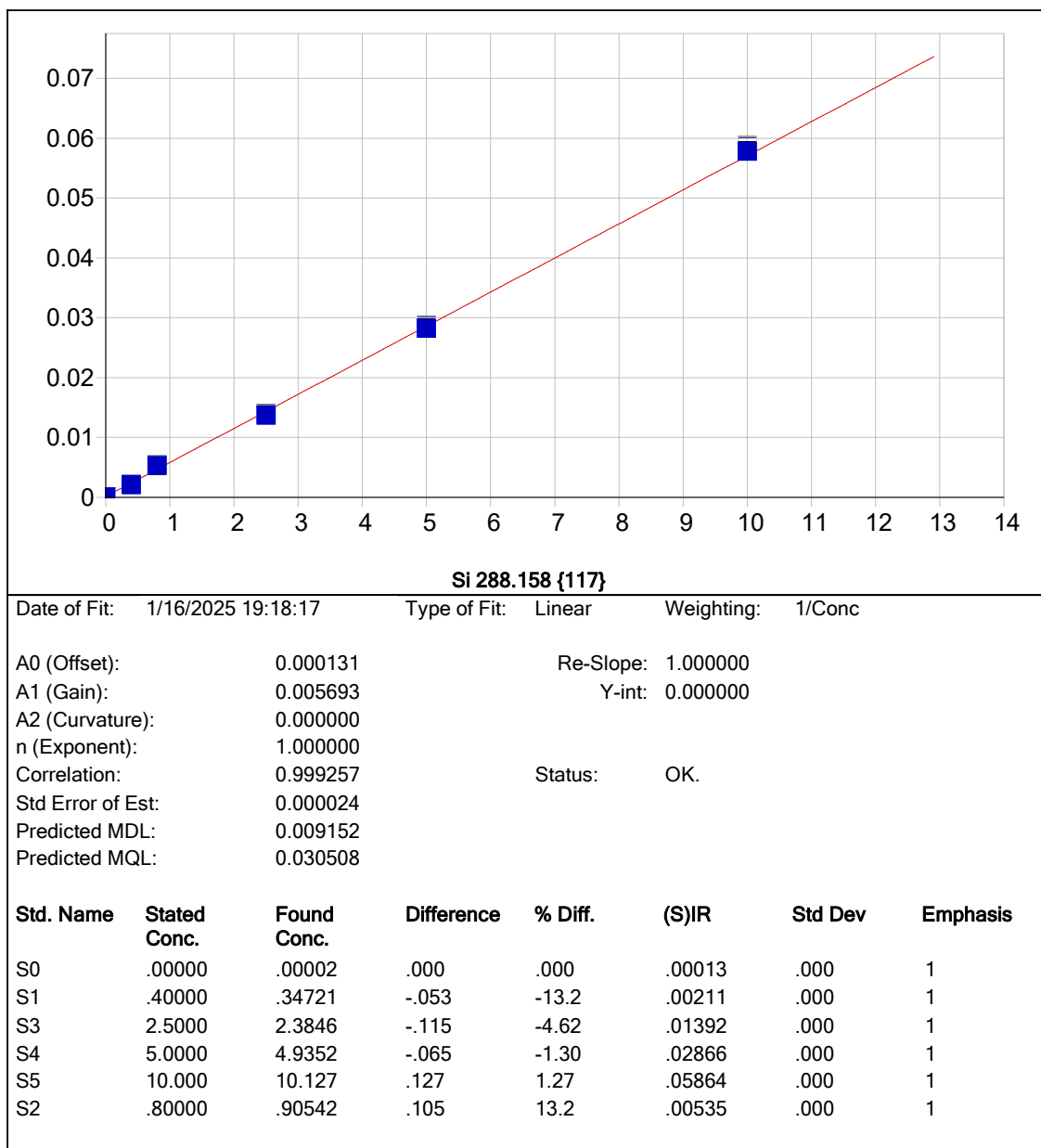
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

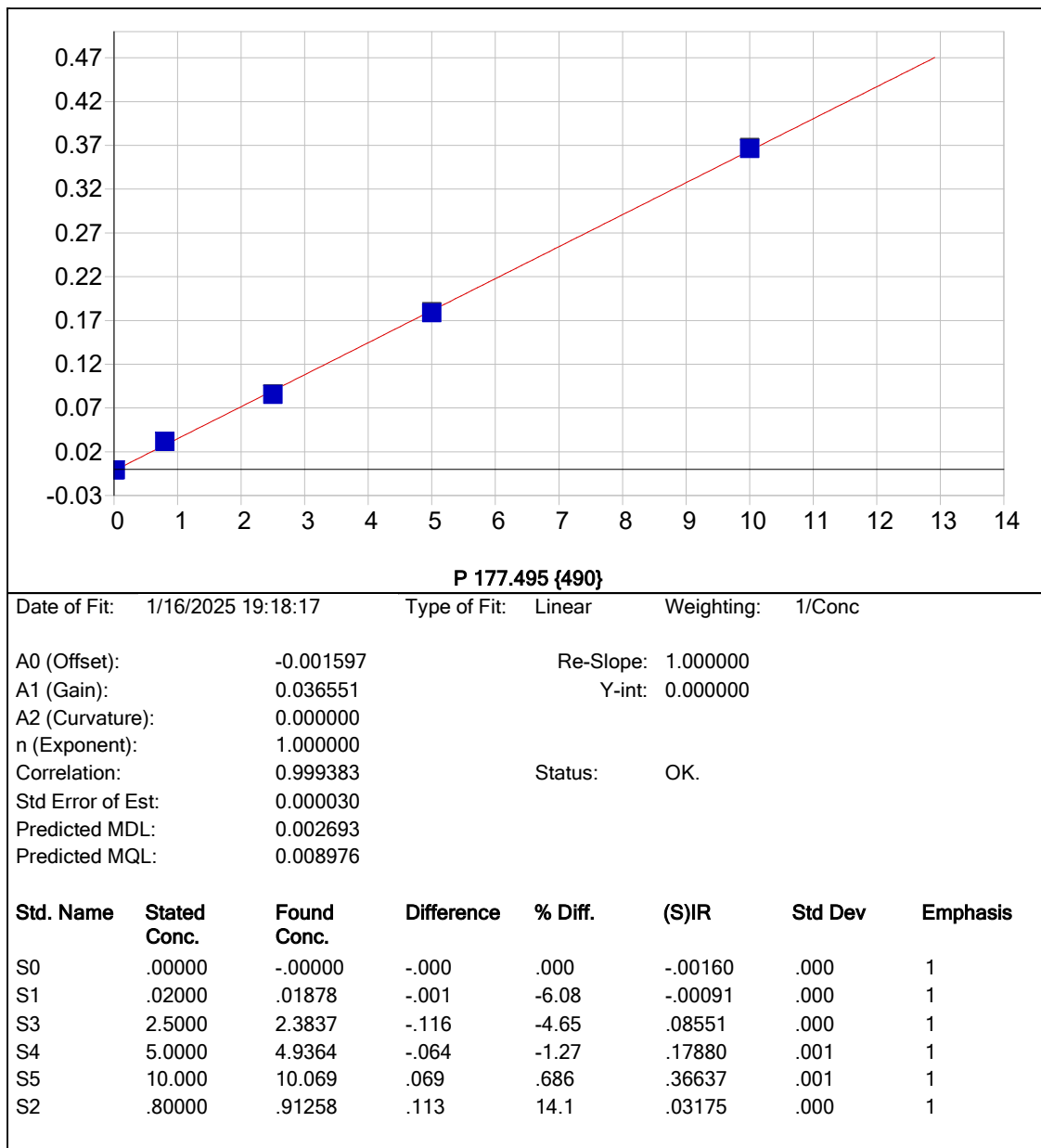
A0 (Offset): 0.000307 Re-Slope: 1.000000
A1 (Gain): 0.725908 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999297 Status: OK.
Std Error of Est: 0.002028
Predicted MDL: 0.000300
Predicted MQL: 0.001000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00029	.000	1
S1	.20000	.19485	-.005	-2.58	.14175	.000	1
S3	2.5000	2.4866	-.013	-.537	1.8053	.005	1
S4	5.0000	4.9724	-.028	-.552	3.6098	.023	1
S5	10.000	9.9054	-.095	-.946	7.1907	.024	1
S2	.80000	.94083	.141	17.6	.68326	.003	1



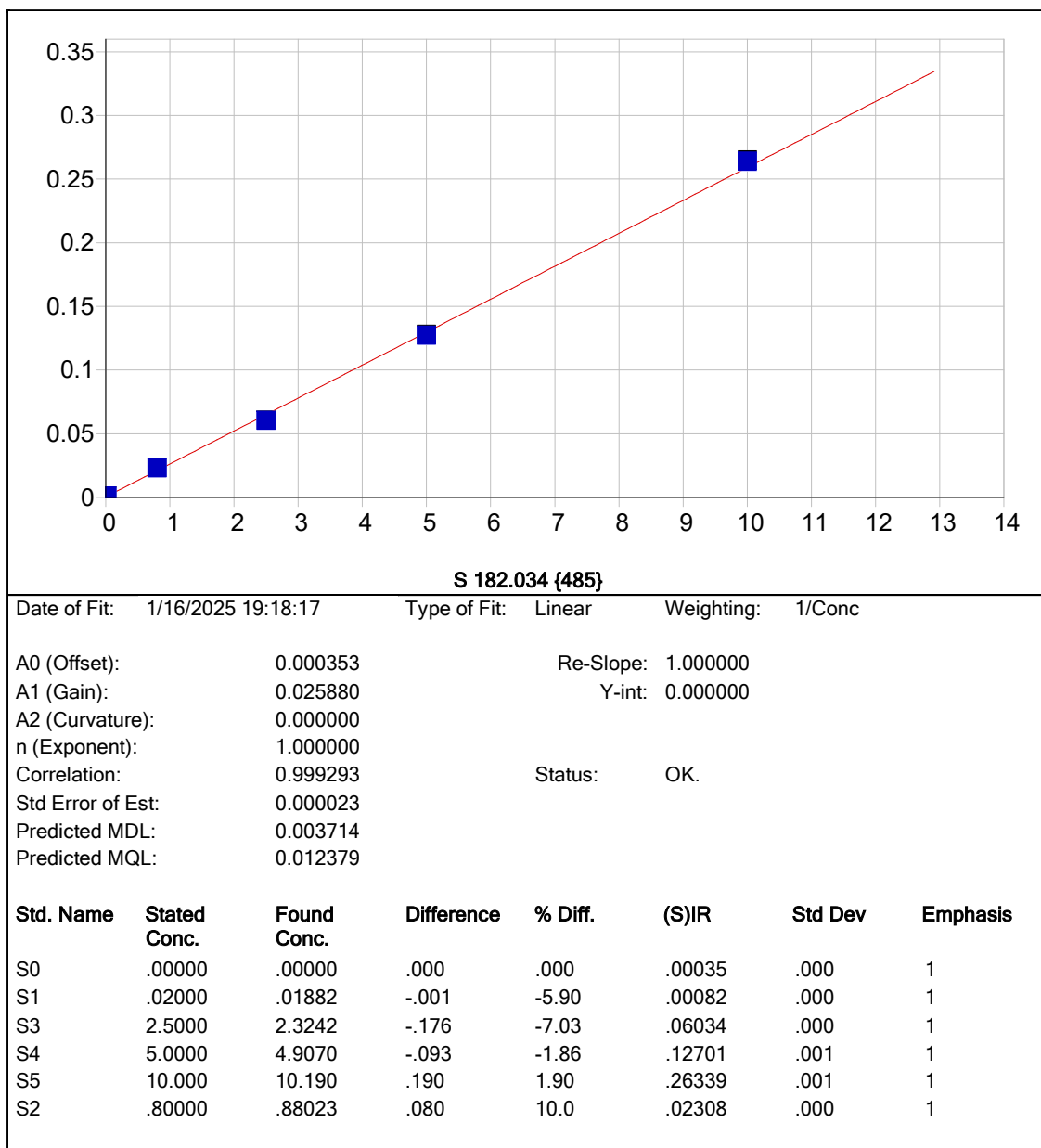


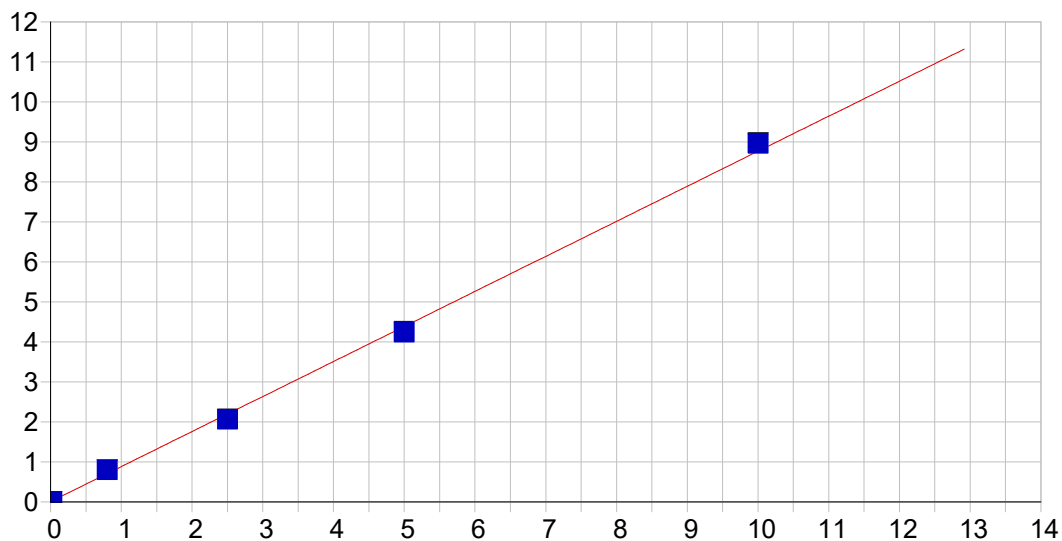




Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001597 Re-Slope: 1.000000
A1 (Gain): 0.036551 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999383 Status: OK.
Std Error of Est: 0.000030
Predicted MDL: 0.002693
Predicted MQL: 0.008976



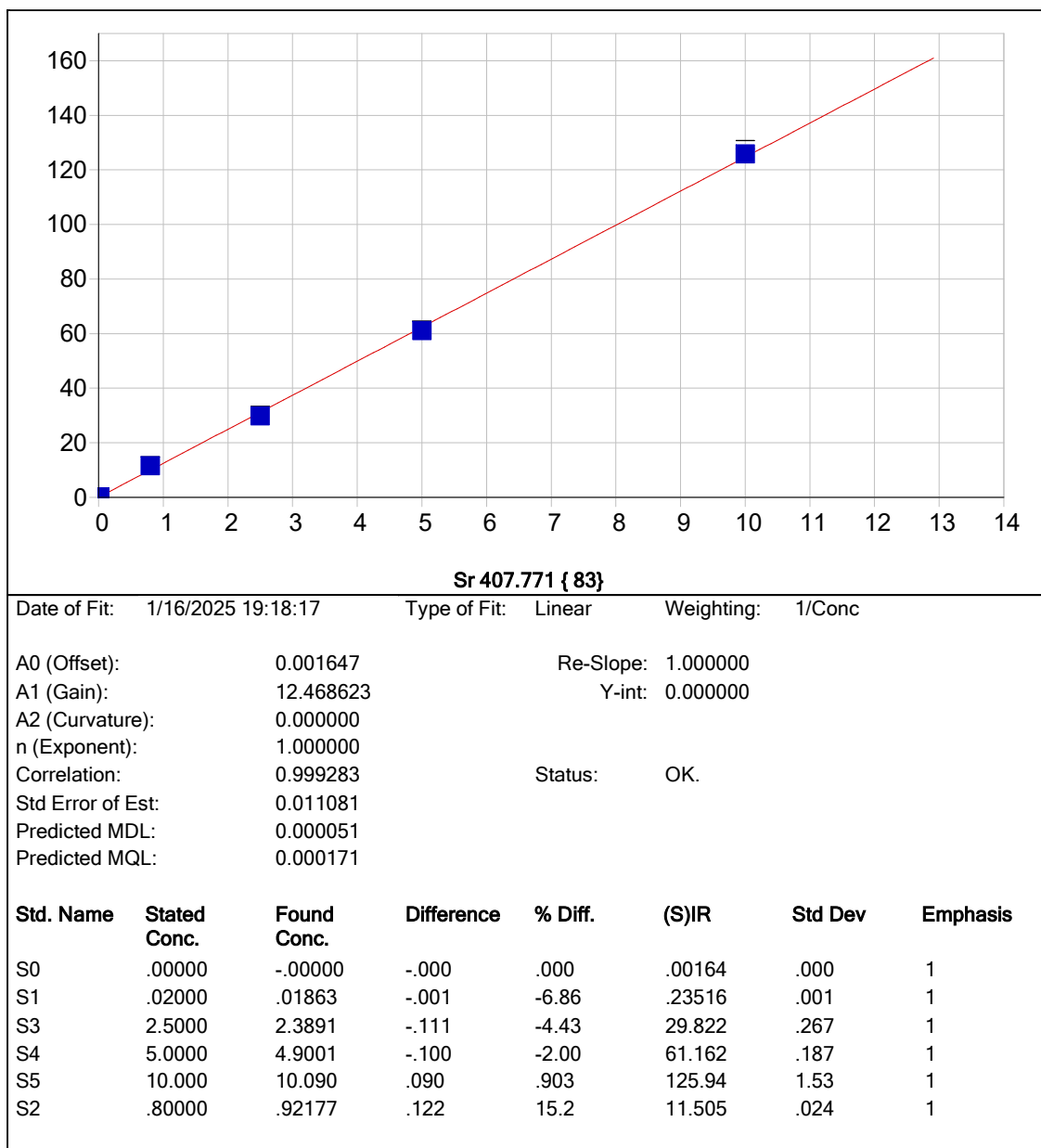


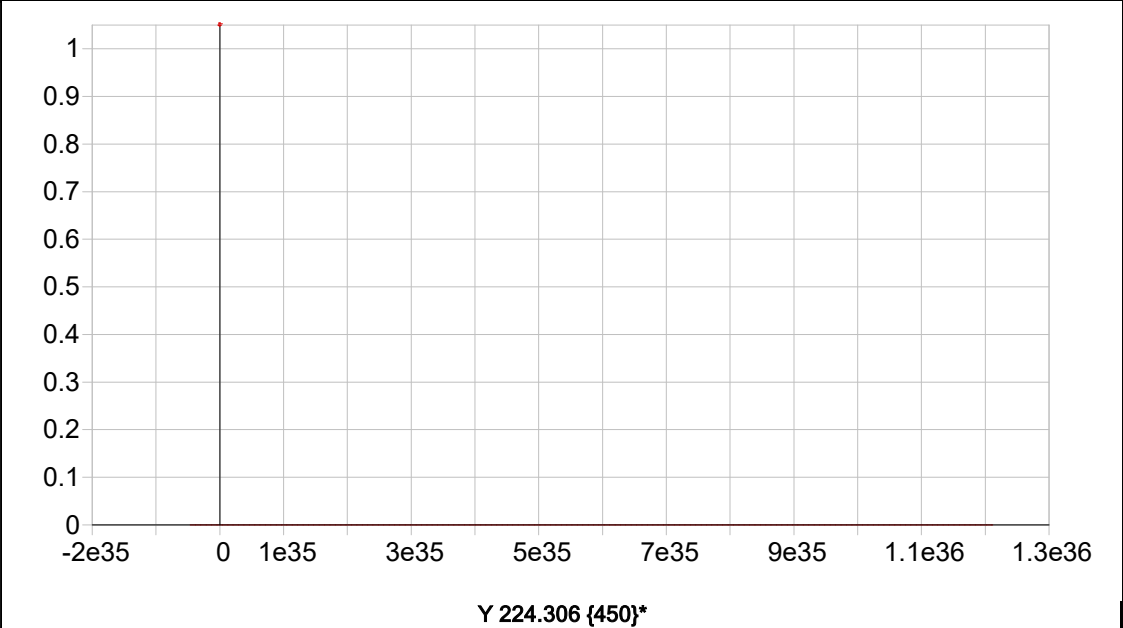
Li 670.784 { 50}

Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006851 Re-Slope: 1.000000
A1 (Gain): 0.875933 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999056 Status: OK.
Std Error of Est: 0.000893
Predicted MDL: 0.001249
Predicted MQL: 0.004165

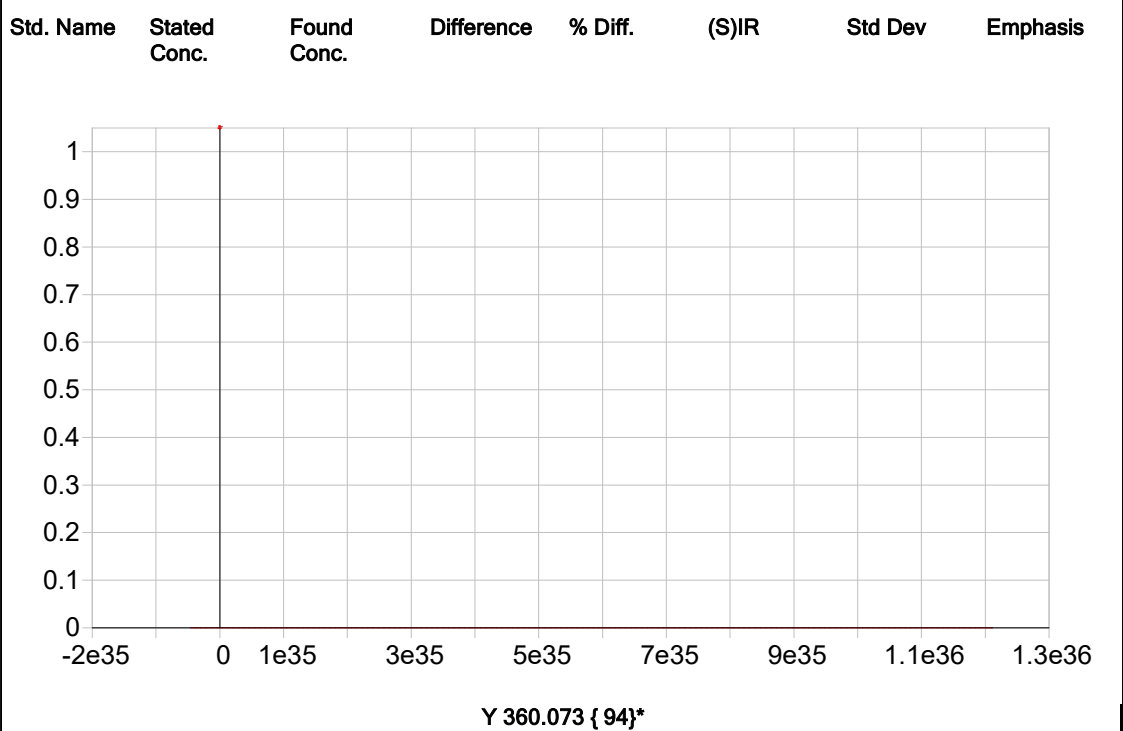
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00685	.001	1
S5	10.000	10.218	.218	2.18	8.9651	.016	1
S4	5.0000	4.8323	-.168	-3.35	4.2436	.021	1
S3	2.5000	2.3451	-.155	-6.20	2.0630	.006	1
S1	.02000	.01737	-.003	-13.1	.02238	.001	1
S2	.80000	.90720	.107	13.4	.80213	.002	1





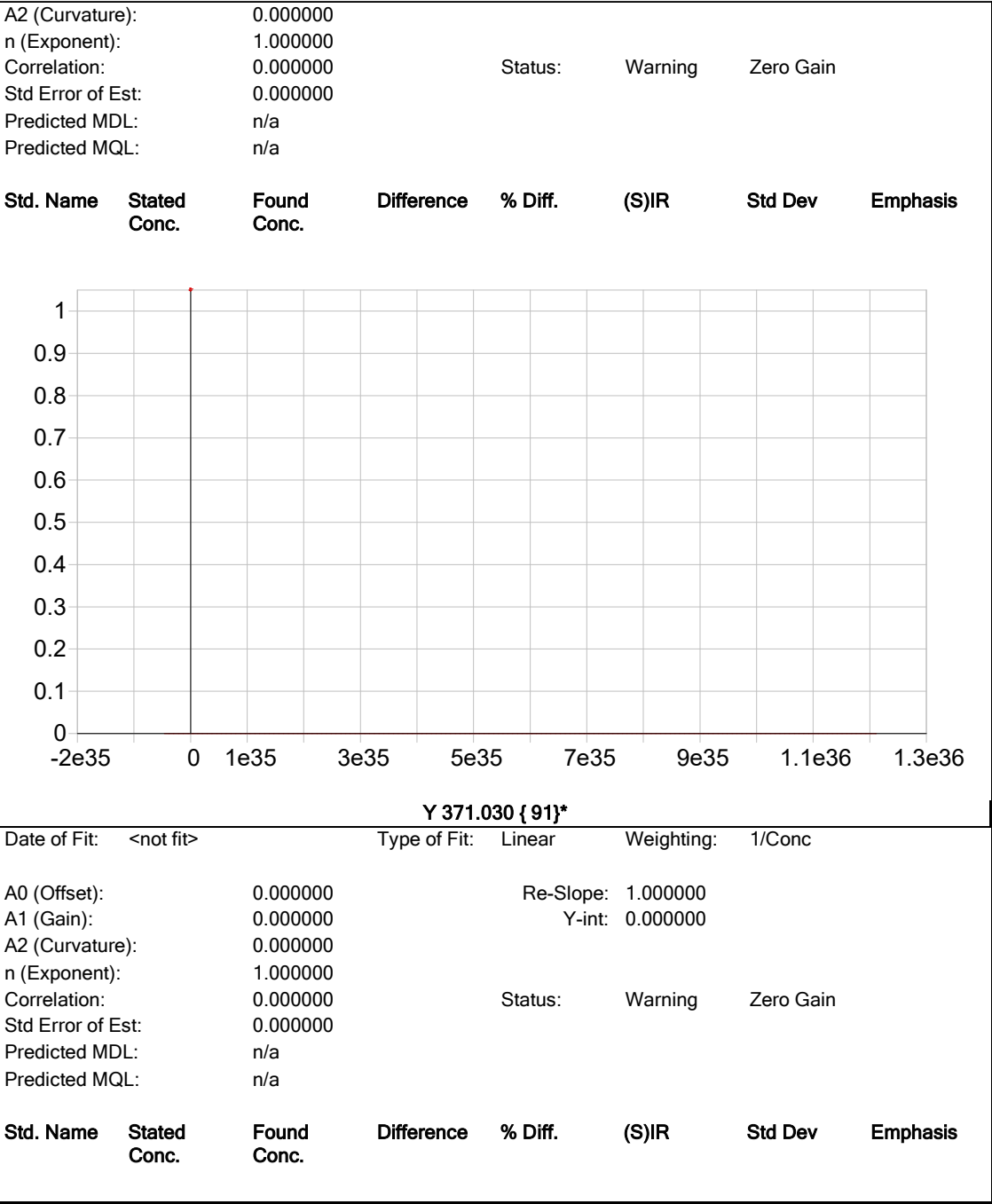
Date of Fit: 1/16/2025 19:18:17 Type of Fit: Linear Weighting: 1/Conc

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		



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



The plot shows a function that is zero for all values of the horizontal axis except at $x=0$, where it reaches a value of approximately 1.05. The horizontal axis is labeled $\ln 230.606 \{446\}^*$ and ranges from $-2e35$ to $1.3e36$. The vertical axis ranges from 0 to 1. A red dot marks the point $(0, 1.05)$.

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: 1/16/2025 18:47:44 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	-.00022	-.00013	-.00010	.00046	.00042	.00064	.04739	-.00038
Stddev	.00008	.00009	.00029	.00004	.00019	.00018	.00155	.00011
%RSD	38.809	67.995	290.71	8.8526	45.711	27.234	3.2733	28.832
#1	-.00017	-.00013	.00021	.00046	.00060	.00051	.04582	-.00026
#2	-.00031	-.00022	-.00015	.00050	.00022	.00058	.04743	-.00041
#3	-.00017	-.00004	-.00037	.00042	.00045	.00084	.04892	-.00047
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00011	.00095	-.00001	.00001	-.00058	.00001	-.00007	-.00024
Stddev	.00018	.00043	.00005	.00003	.00005	.00002	.00014	.00006
%RSD	162.11	45.730	419.23	309.65	8.1469	130.36	191.26	26.451
#1	.00032	.00131	.00002	.00004	-.00062	-.00001	.00007	-.00017
#2	.00002	.00047	.00002	-.00000	-.00053	.00002	-.00008	-.00030
#3	-.00001	.00107	-.00007	-.00001	-.00058	.00002	-.00021	-.00026
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00008	-.00158	.00128	-.00005	.00277	-.00079	.00343	.00029
Stddev	.00011	.00016	.00000	.00024	.00090	.00009	.00028	.00006
%RSD	142.40	10.045	.31869	467.22	32.360	11.966	8.2363	19.920
#1	.00020	-.00166	.00128	.00015	.00225	-.00069	.00374	.00029
#2	.00002	-.00140	.00128	-.00032	.00380	-.00088	.00338	.00023
#3	.00001	-.00169	.00127	.00001	.00225	-.00080	.00318	.00034
Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00033	.00280	.00013	-.00160	.00035	.00685	.00164	
Stddev	.00006	.00025	.00002	.00003	.00003	.00071	.00046	
%RSD	19.459	8.8935	15.203	2.0678	8.3824	10.429	27.955	
#1	.00031	.00254	.00012	-.00161	.00033	.00728	.00217	
#2	.00027	.00283	.00015	-.00162	.00034	.00725	.00142	
#3	.00040	.00304	.00012	-.00156	.00039	.00603	.00133	

Sample Name: S0 Acquired: 1/16/2025 18:47:44 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2789.4	54855.	10208.	1934.5	4212.6
Stddev	1.8	114.	34.	5.6	8.7
%RSD	.06588	.20830	.33526	.28954	.20677
#1	2790.5	54723.	10177.	1928.3	4221.9
#2	2787.2	54910.	10244.	1939.2	4211.2
#3	2790.3	54931.	10202.	1936.0	4204.7

Sample Name: S1 Acquired: 1/16/2025 18:52:12 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.00104	.00221	.00250	.00203	.00839	.00759	.29909	.02923
Stddev	.00004	.00013	.00022	.00014	.00005	.00024	.00175	.00005
%RSD	4.0935	5.9916	8.8979	6.7757	.53889	3.1727	.58676	.18016

#1	.00099	.00219	.00225	.00189	.00840	.00774	.29967	.02929
#2	.00106	.00235	.00256	.00203	.00842	.00732	.29712	.02918
#3	.00106	.00208	.00268	.00216	.00834	.00772	.30048	.02922

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01385	.10965	.00223	.02538	.01484	.00047	.01254	.03742
Stddev	.00016	.00012	.00011	.00002	.00027	.00002	.00051	.00027
%RSD	1.1634	.10833	4.7860	.09201	1.8328	4.0767	4.0973	.72686

#1	.01386	.10963	.00231	.02539	.01453	.00049	.01232	.03710
#2	.01400	.10955	.00227	.02536	.01495	.00046	.01218	.03759
#3	.01368	.10978	.00211	.02540	.01504	.00046	.01313	.03755

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02443	.00106	.02408	.00484	.12993	.00921	.05231	.14175
Stddev	.00018	.00007	.00018	.00005	.00093	.00011	.00058	.00046
%RSD	.75409	6.6497	.72978	1.0427	.71419	1.1968	1.1109	.32511

#1	.02450	.00100	.02427	.00489	.13099	.00932	.05287	.14197
#2	.02458	.00103	.02392	.00479	.12955	.00921	.05171	.14122
#3	.02423	.00114	.02406	.00483	.12926	.00910	.05234	.14205

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00494	.02100	.00211	-.00091	.00082	.02238	.23516	
Stddev	.00008	.00034	.00004	.00007	.00001	.00061	.00138	
%RSD	1.5590	1.6243	1.6798	7.4281	1.8202	2.7153	.58618	

#1	.00496	.02135	.00211	-.00092	.00083	.02306	.23561	
#2	.00501	.02066	.00215	-.00097	.00080	.02188	.23362	
#3	.00486	.02099	.00208	-.00084	.00082	.02222	.23626	

Sample Name: S1 Acquired: 1/16/2025 18:52:12 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2806.5	54221.	10100.	1963.7	4205.7
Stddev	6.6	120.	35.	4.6	7.2
%RSD	.23479	.22141	.34596	.23200	.17231
#1	2799.2	54085.	10082.	1963.2	4197.3
#2	2811.9	54313.	10140.	1968.5	4209.6
#3	2808.4	54265.	10078.	1959.5	4210.2

Sample Name: S2 Acquired: 1/16/2025 18:56:35 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.05044	.06136	.22534	.07541	.15377	.13468	5.0533	.23441
Stddev	.00037	.00055	.00063	.00053	.00059	.00069	.0043	.00284
%RSD	.73576	.89601	.28097	.70075	.38423	.50880	.08593	1.2135

#1	.05007	.06159	.22528	.07533	.15379	.13503	5.0583	.23740
#2	.05044	.06074	.22475	.07492	.15317	.13511	5.0508	.23174
#3	.05081	.06176	.22601	.07597	.15436	.13389	5.0507	.23408

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0828	.26470	.04366	.41209	.17355	.00472	.30104	.08407
Stddev	.0037	.00065	.00006	.00145	.00097	.00003	.00059	.00045
%RSD	.34638	.24503	.12829	.35301	.56119	.70504	.19530	.53864

#1	1.0817	.26539	.04361	.41157	.17272	.00468	.30170	.08457
#2	1.0797	.26461	.04372	.41097	.17330	.00474	.30083	.08393
#3	1.0870	.26410	.04367	.41373	.17462	.00473	.30058	.08370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29764	.05991	.05555	.05900	1.4677	.02253	.45521	.68326
Stddev	.00125	.00015	.00055	.00055	.0018	.00022	.00305	.00275
%RSD	.41893	.25244	.98188	.93425	.12383	.95970	.67023	.40183

#1	.29768	.06000	.05510	.05963	1.4697	.02231	.45797	.68175
#2	.29637	.05999	.05616	.05876	1.4672	.02274	.45193	.68160
#3	.29886	.05973	.05538	.05862	1.4661	.02255	.45573	.68643

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.11295	.45353	.00535	.03175	.02308	.80213	11.505	
Stddev	.00025	.00081	.00003	.00011	.00012	.00231	.024	
%RSD	.21859	.17962	.57571	.35490	.53431	.28822	.21156	

#1	.11275	.45433	.00536	.03174	.02315	.80312	11.532	
#2	.11288	.45270	.00532	.03187	.02294	.79948	11.487	
#3	.11323	.45355	.00538	.03165	.02315	.80378	11.495	

Sample Name: S2 Acquired: 1/16/2025 18:56:35 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2789.4	55263.	10061.	1964.1	4141.4
Stddev	9.0	216.	61.	6.0	12.0
%RSD	.32361	.39018	.60277	.30475	.28951
#1	2795.6	55303.	9990.9	1961.9	4145.7
#2	2793.6	55030.	10101.	1959.5	4150.7
#3	2779.1	55455.	10090.	1970.9	4127.9

Sample Name: S3 Acquired: 1/16/2025 19:00:44 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.13385	.15981	.60024	.19737	.40544	.35947	13.173	.62790
Stddev	.00007	.00066	.00127	.00037	.00108	.00115	.028	.00132
%RSD	.05073	.41478	.21145	.18621	.26743	.32047	.21406	.21010

#1	.13379	.15961	.59936	.19722	.40603	.36073	13.141	.62860
#2	.13392	.15926	.59965	.19711	.40419	.35846	13.186	.62871
#3	.13383	.16054	.60169	.19779	.40610	.35922	13.193	.62637

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8814	.69348	.11643	1.0931	.45484	.01196	.77528	.22290
Stddev	.0083	.00177	.00075	.0030	.00035	.00006	.00209	.00081
%RSD	.28617	.25482	.64768	.27710	.07700	.50090	.26957	.36520

#1	2.8779	.69280	.11647	1.0921	.45489	.01200	.77291	.22365
#2	2.8755	.69216	.11717	1.0908	.45447	.01198	.77684	.22302
#3	2.8909	.69549	.11566	1.0966	.45516	.01189	.77610	.22203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.78609	.15941	.13966	.15669	3.9080	.06041	1.2169	1.8053
Stddev	.00254	.00086	.00082	.00017	.0352	.00036	.0035	.0047
%RSD	.32282	.53698	.58381	.10565	.89955	.60144	.29029	.25872

#1	.78479	.16003	.13914	.15650	3.9356	.06051	1.2202	1.8057
#2	.78447	.15976	.14060	.15677	3.9199	.06072	1.2173	1.8005
#3	.78901	.15843	.13925	.15679	3.8684	.06001	1.2131	1.8098

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.30098	1.1799	.01392	.08551	.06034	2.0630	29.822	
Stddev	.00148	.0005	.00009	.00011	.00025	.0060	.267	
%RSD	.49119	.04582	.62809	.13390	.42229	.29121	.89555	

#1	.30001	1.1794	.01394	.08553	.06025	2.0560	30.106	
#2	.30026	1.1804	.01400	.08539	.06013	2.0661	29.576	
#3	.30268	1.1798	.01382	.08562	.06062	2.0667	29.784	

Sample Name: S3 Acquired: 1/16/2025 19:00:44 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2802.6	54955.	10008.	1917.8	4122.4
Stddev	5.1	466.	34.	17.6	9.1
%RSD	.18083	.84753	.33819	.91676	.22132
#1	2800.1	55022.	10012.	1911.6	4125.1
#2	2808.4	54460.	9971.9	1904.2	4129.9
#3	2799.2	55384.	10039.	1937.7	4112.2

Sample Name: S4 Acquired: 1/16/2025 19:04:56 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.27492	.32245	1.2171	.40421	.82453	.73678	27.102	1.2699
Stddev	.00218	.00207	.0086	.00318	.00662	.00296	.259	.0047
%RSD	.79252	.64250	.70211	.78630	.80318	.40234	.95408	.37179

#1	.27385	.32369	1.2119	.40210	.82061	.73531	26.919	1.2685
#2	.27349	.32359	1.2124	.40266	.82081	.73484	27.398	1.2660
#3	.27743	.32006	1.2269	.40786	.83218	.74020	26.990	1.2752

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8920	1.4079	.23118	2.2243	.91217	.02455	1.5714	.45770
Stddev	.0397	.0055	.00061	.0161	.00744	.00010	.0067	.00102
%RSD	.67393	.39214	.26236	.72252	.81521	.39444	.42686	.22393

#1	5.8710	1.4049	.23183	2.2160	.90706	.02467	1.5663	.45658
#2	5.8673	1.4046	.23063	2.2141	.90875	.02450	1.5689	.45792
#3	5.9378	1.4143	.23107	2.2428	.92070	.02450	1.5790	.45859

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5959	.32182	.29217	.32142	7.8394	.12495	2.4630	3.6098
Stddev	.0108	.00152	.00086	.00091	.0045	.00011	.0156	.0233
%RSD	.67571	.47118	.29602	.28462	.05718	.08948	.63155	.64639

#1	1.5902	.32354	.29310	.32037	7.8374	.12507	2.4635	3.5974
#2	1.5891	.32066	.29200	.32208	7.8363	.12485	2.4473	3.5953
#3	1.6083	.32127	.29140	.32179	7.8445	.12492	2.4784	3.6367

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.61296	2.4017	.02866	.17880	.12701	4.2436	61.162	
Stddev	.00371	.0088	.00007	.00075	.00073	.0211	.187	
%RSD	.60472	.36599	.24131	.41690	.57092	.49635	.30545	

#1	.61126	2.3961	.02869	.17855	.12639	4.2301	61.339	
#2	.61041	2.3973	.02858	.17822	.12683	4.2328	61.180	
#3	.61722	2.4118	.02870	.17964	.12781	4.2679	60.967	

Sample Name: S4 Acquired: 1/16/2025 19:04:56 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2715.1	53477.	9748.6	1866.7	3913.6
Stddev	15.9	208.	30.6	1.1	20.9
%RSD	.58475	.38818	.31353	.05858	.53307
#1	2720.1	53263.	9766.1	1866.4	3920.3
#2	2727.8	53488.	9766.3	1865.7	3930.2
#3	2697.3	53678.	9713.3	1867.8	3890.2

Sample Name: S5 Acquired: 1/16/2025 19:09:13 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	.55361	.64615	2.4520	.81027	1.6524	1.5341	55.266	2.5712
Stddev	.00184	.00140	.0083	.00461	.0071	.0039	.712	.0109
%RSD	.33320	.21699	.34023	.56944	.42712	.25713	1.2874	.42537

#1	.55258	.64468	2.4511	.80812	1.6498	1.5311	55.603	2.5633
#2	.55250	.64748	2.4442	.80713	1.6471	1.5327	54.449	2.5667
#3	.55573	.64630	2.4608	.81557	1.6604	1.5386	55.748	2.5837

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.888	2.9086	.45271	4.5035	1.7994	.04916	3.2517	.95053
Stddev	.031	.0055	.00042	.0134	.0080	.00026	.0068	.00231
%RSD	.26119	.19009	.09275	.29636	.44320	.52989	.21006	.24338

#1	11.889	2.9024	.45268	4.5003	1.7963	.04931	3.2513	.94795
#2	11.857	2.9103	.45314	4.4921	1.7935	.04932	3.2451	.95124
#3	11.919	2.9131	.45230	4.5182	1.8085	.04886	3.2587	.95241

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2107	.63956	.60679	.66710	15.563	.25676	5.0396	7.1907
Stddev	.0078	.00124	.00258	.00026	.059	.00079	.0175	.0236
%RSD	.24219	.19338	.42596	.03914	.37824	.30910	.34637	.32847

#1	3.2090	.63973	.60942	.66722	15.629	.25761	5.0299	7.1844
#2	3.2038	.64070	.60668	.66680	15.545	.25662	5.0291	7.1708
#3	3.2191	.63825	.60425	.66727	15.516	.25605	5.0597	7.2168

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.2344	5.0060	.05864	.36637	.26339	8.9651	125.94	
Stddev	.0024	.0066	.00011	.00088	.00087	.0160	1.53	
%RSD	.19656	.13284	.18990	.23983	.33138	.17886	1.2186	

#1	1.2340	5.0073	.05860	.36666	.26285	8.9648	126.67	
#2	1.2322	4.9988	.05877	.36538	.26292	8.9491	126.97	
#3	1.2370	5.0119	.05856	.36706	.26439	8.9812	124.18	

Sample Name: S5 Acquired: 1/16/2025 19:09:13 Type: Cal
Method: NON EPA-6010-200.7(v2611) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: 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	2662.5	52982.	9389.2	1812.0	3762.4
Stddev	7.8	148.	29.3	9.3	8.2
%RSD	.29174	.27923	.31233	.51559	.21879
#1	2661.8	52953.	9420.1	1812.1	3759.8
#2	2670.6	52850.	9386.0	1802.6	3771.7
#3	2655.1	53142.	9361.7	1821.3	3755.8

Sample Name: ICV01 Acquired: 1/16/2025 19:18:55 Type: Unk
Method: NON EPA-6010-200.7(v2612) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9886074	1.002109	.9653630	.9799905	.9483247	2.308930
Stddev	.0023553	.011476	.0011578	.0006226	.0007222	.018699
%RSD	.2382437	1.145135	.1199304	.0635365	.0761567	.8098367

#1	.9892242	1.006548	.9665412	.9804768	.9491319	2.300447
#2	.9905929	1.010703	.9642268	.9792887	.9477396	2.295977
#3	.9860050	.989077	.9653210	.9802060	.9481025	2.330366

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5013434	.4724298	.4843726	9.257740	.5076188	.4894661
Stddev	.0026088	.0016994	.0003538	.021239	.0006065	.0006546
%RSD	.5203668	.3597240	.0730318	.2294181	.1194778	.1337334

#1	.4998567	.4704675	.4846234	9.254170	.5070510	.4892532
#2	.4998178	.4733960	.4839680	9.238513	.5075476	.4889444
#3	.5043557	.4734259	.4845264	9.280538	.5082577	.4902006

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010880	9.642468	.4786560	5.463625	.4931437	.2495611
Stddev	.0004177	.027151	.0011895	.014051	.0010203	.0003971
%RSD	.0833504	.2815735	.2485121	.2571818	.2068884	.1591383

#1	.5012359	9.661248	.4779727	5.468385	.4927280	.2495954
#2	.5006165	9.611337	.4779657	5.447812	.4923969	.2499399
#3	.5014116	9.654818	.4800295	5.474678	.4943062	.2491479

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.131078	.4546857	.9884187	9.474524	2.670106	2.351374
Stddev	.007760	.0006033	.0022167	.062950	.011454	.002913
%RSD	.0849876	.1326781	.2242660	.6644148	.4289701	.1238711

#1	9.133733	.4540963	.9903204	9.537845	2.663408	2.354708
#2	9.137162	.4553019	.9889516	9.411952	2.683332	2.349323
#3	9.122339	.4546588	.9859841	9.473776	2.663579	2.350091

Sample Name: ICV01 Acquired: 1/16/2025 19:18:55 Type: Unk
Method: NON EPA-6010-200.7(v2612) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.306208	F 2.230234	F 1.879995	F .0094157	F -.006947	F -.002579
Stddev	.005411	.005809	.003393	.0010657	.004801	.000194
%RSD	.2346488	.2604591	.1804676	11.31791	69.10679	7.520345

#1	2.311898	2.231632	1.883791	.0086753	-.010157	-.002379
#2	2.305602	2.223854	1.878935	.0106370	-.001428	-.002593
#3	2.301126	2.235217	1.877258	.0089347	-.009256	-.002766

Elem	Sr4077
Units	ppm
Avg	F -.008473
Stddev	.000027
%RSD	.3238602

#1	-.008484
#2	-.008442
#3	-.008493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2818.457	54926.59	10313.29	1965.528	4164.964
Stddev	4.912	30.82	28.46	8.772	3.500
%RSD	.1742796	.0561155	.2759518	.4462717	.0840316

#1	2814.396	54929.75	10345.48	1955.605	4163.242
#2	2823.916	54955.70	10302.92	1968.730	4168.991
#3	2817.058	54894.30	10291.47	1972.248	4162.658

Sample Name: LLICV01 Acquired: 1/16/2025 19:27:49 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222158	.0371353	.0106465	.0196046	.0474413	.0967161	.0888729
Stddev	.0009405	.0013892	.0007237	.0036751	.0006795	.0053139	.0008606
%RSD	4.233528	3.740990	6.797690	18.74595	1.432243	5.494362	.9683452

#1	.0232965	.0358661	.0098140	.0203996	.0466848	.1028384	.0886659
#2	.0215826	.0369201	.0109998	.0155971	.0479997	.0940102	.0881347
#3	.0217684	.0386195	.0111258	.0228170	.0476395	.0932997	.0898182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055871	.0056494	1.872203	.0093735	.0280595	.0209338	.0925776
Stddev	.0000237	.0000264	.004007	.0002113	.0001801	.0004480	.0053530
%RSD	.4237544	.4663984	.2140044	2.254370	.6420008	2.140001	5.782131

#1	.0055793	.0056780	1.871266	.0092786	.0282343	.0208953	.0898385
#2	.0056137	.0056444	1.868748	.0092262	.0278745	.0205063	.0891484
#3	.0055683	.0056260	1.876595	.0096156	.0280698	.0213997	.0987458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191866	1.999462	.0375566	.0100743	1.843954	.0384330	.0409895
Stddev	.0004546	.011516	.0001742	.0002481	.025597	.0008867	.0005265
%RSD	2.369388	.5759500	.4637425	2.462318	1.388144	2.307102	1.284517

#1	.0191842	1.990678	.0374129	.0099809	1.844150	.0384693	.0412208
#2	.0196424	2.012500	.0377503	.0103555	1.869452	.0375287	.0413608
#3	.0187332	1.995208	.0375067	.0098865	1.818260	.0393010	.0403869

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885746	.0981581	.1949683	.0371896	.0370190	.3548171	.0180679
Stddev	.015816	.0003122	.0004410	.0005354	.0007720	.0086513	.0007386
%RSD	.8387354	.3180101	.2261787	1.439726	2.085393	2.438237	4.088111

#1	1.867783	.0983407	.1948450	.0366087	.0371785	.3587981	.0173275
#2	1.891869	.0977977	.1946021	.0376634	.0361797	.3607613	.0188047
#3	1.897585	.0983360	.1954578	.0372966	.0376987	.3448920	.0180714

Sample Name: LLICV01 Acquired: 1/16/2025 19:27:49 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0173870	.0182413	.0181119
Stddev	.0038738	.0019184	.0000910
%RSD	22.28016	10.51700	.5024211

#1	.0132162	.0160283	.0180327
#2	.0208724	.0192624	.0180916
#3	.0180723	.0194333	.0182113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.972	54646.54	10366.44	1918.874	4314.686
Stddev	5.066	400.50	38.32	7.858	9.506
%RSD	.1776265	.7328944	.3696720	.4094938	.2203086

#1	2846.187	54583.02	10338.51	1914.106	4304.915
#2	2855.619	54281.59	10350.68	1914.572	4323.902
#3	2854.109	55075.00	10410.13	1927.943	4315.242

Sample Name: ICB01 Acquired: 1/16/2025 19:32:08 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016394	.0008378	.0003683	-.001694	.0007771	-.005206	-.001394
Stddev	.0004437	.0024842	.0012899	.001103	.0006228	.003512	.000676
%RSD	27.06486	296.5035	350.2567	65.07371	80.13817	67.45965	48.44963

#1	.0016898	.0034442	-.000705	-.001745	.0012941	-.004115	-.000614
#2	.0011727	-.001503	.001799	-.002771	.0009514	-.002369	-.001771
#3	.0020558	.000572	.000011	-.000567	.0000858	-.009134	-.001798

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000167	-.000041	-.012348	-.000147	.0000225	-.000024	-.002661
Stddev	.0000186	.000134	.005757	.000043	.0000806	.000252	.005404
%RSD	111.7208	325.5496	46.62542	29.40238	358.0441	1031.746	203.0743

#1	.0000332	-.000126	-.018291	-.000187	.0000625	.000266	.003575
#2	-.000004	.000113	-.006797	-.000102	-.000070	-.000160	-.005966
#3	.000020	-.000110	-.011955	-.000151	.000075	-.000180	-.005592

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000330	-.000268	-.000267	-.000097	-.017534	.0009971	-.000501
Stddev	.000031	.009226	.000192	.000141	.015238	.0004666	.000161
%RSD	9.429217	3447.521	71.86848	145.9910	86.90408	46.79359	32.03517

#1	-.000325	.009202	-.000440	-.000201	-.035088	.0014357	-.000511
#2	-.000364	-.009230	-.000299	.000064	-.009793	.0005068	-.000336
#3	-.000302	-.000775	-.000061	-.000154	-.007721	.0010487	-.000656

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037085	.0019362	-.000295	-.000773	.0000683	.0106050	.0005609
Stddev	.008226	.0005991	.000149	.000324	.0004094	.0043100	.0008937
%RSD	22.18089	30.94361	50.61153	41.92163	599.7771	40.64145	159.3368

#1	-.030491	.0013334	-.000225	-.000502	-.000379	.0115818	.0014666
#2	-.046302	.0019438	-.000193	-.001132	.000160	.0058904	.0005365
#3	-.034462	.0025316	-.000466	-.000685	.000424	.0143427	-.000320

Sample Name: ICB01 Acquired: 1/16/2025 19:32:08 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003374	-.001234	-.000138
Stddev	.000620	.000597	.000062
%RSD	18.38448	48.39424	44.82757

#1	-.003086	-.000612	-.000199
#2	-.002950	-.001288	-.000076
#3	-.004086	-.001803	-.000139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.720	55566.48	10649.78	1938.751	4304.622
Stddev	1.211	309.11	14.96	13.023	4.969
%RSD	.0426601	.5562970	.1405134	.6717354	.1154225

#1	2837.714	55641.11	10644.38	1944.569	4299.058
#2	2840.064	55831.45	10666.69	1947.851	4306.191
#3	2838.381	55226.89	10638.26	1923.833	4308.616

Sample Name: CRI01 Acquired: 1/16/2025 19:36:29 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238199	.0384144	.0107840	.0179710	.0483773	.0901326	.0849902
Stddev	.0016569	.0012071	.0009839	.0017031	.0004770	.0034309	.0003517
%RSD	6.955885	3.142220	9.123515	9.477020	.9859788	3.806534	.4137625

#1	.0220503	.0396044	.0096594	.0191730	.0479313	.0863984	.0853028
#2	.0240750	.0384478	.0114858	.0160221	.0483205	.0931456	.0850583
#3	.0253344	.0371910	.0112069	.0187181	.0488802	.0908538	.0846094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056446	.0057209	1.827997	.0097476	.0283433	.0212336	.0864304
Stddev	.0000086	.0000569	.016895	.0004706	.0003098	.0001136	.0017493
%RSD	.1527945	.9939659	.9242388	4.827907	1.093138	.5351171	2.023961

#1	.0056539	.0057522	1.832645	.0101029	.0284509	.0213037	.0880462
#2	.0056369	.0056553	1.842082	.0092139	.0279940	.0212946	.0866724
#3	.0056430	.0057553	1.809265	.0099261	.0285851	.0211025	.0845728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188250	1.937736	.0378250	.0098910	1.749700	.0360974	.0411868
Stddev	.0001810	.013456	.0001279	.0002540	.001846	.0012468	.0001613
%RSD	.9614811	.6944417	.3381236	2.568168	.1055190	3.453936	.3916064

#1	.0190227	1.940531	.0377788	.0096289	1.748457	.0373485	.0410015
#2	.0186674	1.923102	.0377266	.0099082	1.751822	.0360889	.0412952
#3	.0187850	1.949576	.0379695	.0101360	1.748822	.0348550	.0412639

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.875907	.0970387	.1960944	.0376986	.0343385	.3415072	.0206779
Stddev	.028299	.0006044	.0005440	.0003424	.0006593	.0026053	.0005131
%RSD	1.508570	.6228274	.2774183	.9081598	1.920095	.7628842	2.481133

#1	1.843326	.0972218	.1959671	.0375077	.0350989	.3444795	.0210538
#2	1.894376	.0975305	.1956253	.0374942	.0339247	.3404234	.0208866
#3	1.890018	.0963640	.1966908	.0380938	.0339920	.3396188	.0200934

Sample Name: CRI01 Acquired: 1/16/2025 19:36:29 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0153282	.0167916	.0176455
Stddev	.0030556	.0007535	.0000976
%RSD	19.93473	4.487633	.5532996

#1	.0123141	.0175621	.0175777
#2	.0184237	.0160562	.0177574
#3	.0152467	.0167567	.0176014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.172	54617.17	10381.65	1924.075	4291.833
Stddev	4.557	151.89	16.27	8.920	4.932
%RSD	.1603817	.2781049	.1567233	.4635963	.1149248

#1	2835.975	54700.83	10363.32	1926.307	4286.511
#2	2844.481	54708.83	10387.25	1931.668	4296.251
#3	2843.061	54441.84	10394.38	1914.251	4292.736

Sample Name: ICSA01 Acquired: 1/16/2025 19:40:47 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057453	.0092092	.0069734	-.017905	-.002336	233.6967
Stddev	.0020411	.0031694	.0007902	.003300	.002784	.2244
%RSD	35.52687	34.41589	11.33198	18.43283	119.1807	.0960107

#1	.0068319	.0055709	.0063280	-.015313	.000380	233.4379
#2	.0070133	.0106859	.0078547	-.016780	-.002205	233.8159
#3	.0033908	.0113708	.0067374	-.021620	-.005183	233.8363

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047454	.0013275	-.001619	220.8554	.0566345	.0014440
Stddev	.0009582	.0000256	.000081	.4993	.0003764	.0001692
%RSD	20.19163	1.930539	4.992595	.2260568	.6645613	11.71519

#1	.0045715	.0013544	-.001613	220.3305	.0566358	.0016349
#2	.0038860	.0013034	-.001703	220.9115	.0562575	.0013125
#3	.0057786	.0013246	-.001542	221.3243	.0570102	.0013846

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207753	97.77702	.0038449	238.4753	.0023642	-.003328
Stddev	.0004462	.05532	.0002761	.6582	.0003314	.000193
%RSD	2.147904	.0565733	7.180654	.2760159	14.01594	5.809325

#1	.0211984	97.83907	.0039038	237.8507	.0022211	-.003487
#2	.0203091	97.73286	.0040868	238.4124	.0021284	-.003112
#3	.0208186	97.75914	.0035441	239.1627	.0027430	-.003383

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485025	.0097312	.0033507	.0274517	.0518062	-.000264
Stddev	.0089917	.0014851	.0002131	.0149750	.0008003	.000247
%RSD	18.53869	15.26121	6.359898	54.55038	1.544865	93.43032

#1	.0382585	.0113987	.0034019	.0435279	.0527015	-.000265
#2	.0521596	.0092437	.0031166	.0249288	.0515572	-.000017
#3	.0550895	.0085511	.0035335	.0138984	.0511600	-.000510

Sample Name: ICSA01 Acquired: 1/16/2025 19:40:47 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.003809	-0.002241	.0306748	.0057718	-0.018151	F -0.036352
Stddev	.000544	.000410	.0031474	.0022050	.000756	.001034
%RSD	14.29349	18.31352	10.26043	38.20296	4.165720	2.845628

#1	-0.003539	-0.001790	.0340255	.0040199	-0.017499	-0.037023
#2	-0.004436	-0.002341	.0302183	.0082478	-0.017973	-0.035160
#3	-0.003453	-0.002592	.0277807	.0050477	-0.018980	-0.036871

Elem	Sr4077
Units	ppm
Avg	-0.007945
Stddev	.000105
%RSD	1.323424

#1	-0.007824
#2	-0.008001
#3	-0.008011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.730	49221.96	10063.29	1749.062	3584.963
Stddev	8.136	105.85	36.85	2.902	7.740
%RSD	.3164907	.2150402	.3662018	.1659089	.2159137

#1	2568.039	49297.40	10097.58	1746.492	3579.781
#2	2579.871	49267.53	10067.97	1752.209	3593.861
#3	2564.281	49100.96	10024.33	1748.486	3581.247

Sample Name: ICSAB01 Acquired: 1/16/2025 19:45:02 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133536	.0977636	.0532615	.0306324	.5799962	232.2608
Stddev	.0026867	.0044695	.0011636	.0014185	.0049592	.3112
%RSD	2.370174	4.571736	2.184773	4.630588	.8550465	.1339867

#1	.1131866	.0973076	.0543590	.0321949	.5849962	231.9456
#2	.1161199	.1024435	.0520414	.0294257	.5750787	232.5678
#3	.1107544	.0935395	.0533839	.0302766	.5799136	232.2690

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4472967	.4664555	.9648644	219.5387	.5539463	.4897524
Stddev	.0000874	.0013461	.0047720	.2856	.0026937	.0023446
%RSD	.0195501	.2885720	.4945792	.1300722	.4862821	.4787301

#1	.4473017	.4669285	.9702985	219.7537	.5567795	.4924225
#2	.4472068	.4649368	.9613565	219.6476	.5536414	.4888049
#3	.4473815	.4675012	.9629384	219.2147	.5514180	.4880298

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921794	97.72628	.4431884	236.4392	.9683642	.2104217
Stddev	.0014291	.50157	.0022856	.5056	.0040484	.0009940
%RSD	.2903608	.5132440	.5157173	.2138436	.4180692	.4723636

#1	.4938137	98.23652	.4456515	236.6766	.9723732	.2115462
#2	.4915596	97.70849	.4427780	236.7824	.9642775	.2096606
#3	.4911648	97.23385	.4411359	235.8586	.9684419	.2100583

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0555507	.4460654	1.028427	.0152804	1.004875	1.059090
Stddev	.0139580	.0009565	.006717	.0195762	.003560	.002029
%RSD	25.12651	.2144216	.6531125	128.1134	.3542531	.1915666

#1	.0550452	.4460873	1.036160	-.007156	1.004111	1.061132
#2	.0418523	.4470108	1.024045	.028882	1.001758	1.057074
#3	.0697545	.4450982	1.025076	.024115	1.008754	1.059063

Sample Name: ICSAB01 Acquired: 1/16/2025 19:45:02 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.065419	.9649733	.9162091	F .0124803	F -.016875	F -.036845
Stddev	.005363	.0011068	.0125539	.0001862	.007073	.000356
%RSD	.5033250	.1146996	1.370202	1.491931	41.91528	.9658088

#1	1.071251	.9643510	.9255854	.0122654	-.019404	-.037238
#2	1.064306	.9662512	.9210952	.0125945	-.008885	-.036544
#3	1.060701	.9643177	.9019468	.0125809	-.022336	-.036752

Elem	Sr4077
Units	ppm
Avg	F -.007889
Stddev	.000461
%RSD	5.838643

#1	-.008391
#2	-.007791
#3	-.007485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.972	49238.51	10107.52	1746.021	3566.557
Stddev	2.983	153.44	27.37	12.554	11.355
%RSD	.1168264	.3116177	.2708104	.7190272	.3183827

#1	2549.993	49062.24	10091.22	1731.606	3553.469
#2	2555.958	49311.19	10139.12	1751.894	3573.787
#3	2552.964	49342.10	10092.22	1754.561	3572.415

Sample Name: CCV01 Acquired: 1/16/2025 19:49:04 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.765204	4.794443	4.753220	4.759676	4.752933	9.473893	9.355956
Stddev	.019388	.042397	.025810	.016600	.019602	.016169	.096185
%RSD	.4068665	.8842987	.5429951	.3487658	.4124178	.1706662	1.028066

#1	4.760533	4.788820	4.743440	4.765579	4.750535	9.465672	9.332307
#2	4.748578	4.755137	4.733730	4.740931	4.734640	9.492520	9.461760
#3	4.786501	4.839370	4.782491	4.772518	4.773624	9.463486	9.273801

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2393910	2.379501	23.70783	.9761183	2.386360	1.203112	4.855603
Stddev	.0019992	.011050	.06740	.0038816	.011095	.004981	.037147
%RSD	.8351206	.4643844	.2842775	.3976556	.4649445	.4140070	.7650332

#1	.2397108	2.376775	23.73231	.9749486	2.383630	1.202298	4.851815
#2	.2412110	2.370070	23.75957	.9729561	2.376884	1.198587	4.820495
#3	.2372511	2.391659	23.63162	.9804503	2.398565	1.208449	4.894499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.362966	23.72235	2.392313	1.212405	24.00081	2.372006	2.437433
Stddev	.008900	.05731	.010822	.004620	.16539	.003820	.015786
%RSD	.3766573	.2415777	.4523657	.3810442	.6890929	.1610294	.6476665

#1	2.357231	23.69070	2.390288	1.213955	23.96625	2.368283	2.427766
#2	2.373219	23.78850	2.382646	1.207209	23.85543	2.375916	2.428884
#3	2.358448	23.68784	2.404004	1.216050	24.18075	2.371821	2.455650

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.03378	4.849133	4.803639	4.796893	4.704922	5.211101	4.742992
Stddev	.24270	.037071	.020989	.027044	.011104	.041624	.018712
%RSD	1.009813	.7644832	.4369480	.5637853	.2360133	.7987568	.3945145

#1	24.02899	4.848714	4.798337	4.785082	4.705710	5.187891	4.746178
#2	23.79351	4.886411	4.785809	4.777764	4.715610	5.186257	4.722892
#3	24.27884	4.812273	4.826771	4.827834	4.693444	5.259155	4.759907

Sample Name: CCV01 Acquired: 1/16/2025 19:49:04 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.697507	4.687449	4.705052
Stddev	.027061	.011173	.053580
%RSD	.5760716	.2383594	1.138772

#1	4.709862	4.679882	4.720443
#2	4.666474	4.700282	4.749251
#3	4.716186	4.682183	4.645460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2756.728	53737.16	9878.789	1889.158	3977.018
Stddev	9.435	160.54	73.914	7.207	15.889
%RSD	.3422407	.2987496	.7482125	.3814903	.3995170

#1	2755.209	53699.36	9871.779	1890.401	3974.767
#2	2766.830	53913.23	9808.630	1895.663	3993.912
#3	2748.145	53598.90	9955.959	1881.411	3962.375

Sample Name: CCB01 Acquired: 1/16/2025 19:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007314	.0015632	-.000107	.0017020	-.000293	.0072523	-.000127
Stddev	.0004259	.0013229	.001622	.0013636	.000737	.0050965	.000515
%RSD	58.23461	84.62625	1521.587	80.12132	251.2866	70.27478	405.3253

#1	.0004875	.0025392	.000014	.0032446	.000089	.0016064	.000456
#2	.0004834	.0000576	-.001785	.0012038	.000174	.0115131	-.000315
#3	.0012232	.0020929	.001451	.0006574	-.001143	.0086373	-.000521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000517	.0001798	.0040451	-.000137	.0002715	.0001769	.0033975
Stddev	.0000333	.0001214	.0064641	.000123	.0001103	.0004763	.0050470
%RSD	64.36958	67.51603	159.8015	89.92162	40.64064	269.2361	148.5503

#1	.0000434	.0000762	-.002609	.000001	.0003690	-.000349	.0078705
#2	.0000883	.0001498	.010301	-.000176	.0001517	.000299	.0043962
#3	.0000233	.0003134	.004443	-.000235	.0002938	.000580	-.002074

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003470	.0123292	-.000149	-.000119	-.006970	.0012387	-.000188
Stddev	.0001681	.0129501	.000091	.000321	.009964	.0008445	.000227
%RSD	48.44423	105.0359	61.06772	269.2475	142.9535	68.17388	120.8930

#1	.0001985	.0010724	-.000200	.000218	-.017341	.0021091	-.000273
#2	.0003130	.0264822	-.000044	-.000421	-.006098	.0011843	-.000359
#3	.0005296	.0094330	-.000203	-.000154	.002529	.0004228	.000069

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013867	.0065482	.0001464	.0000327	.0005909	.0050595	.0024748
Stddev	.023407	.0001379	.0001530	.0002448	.0005765	.0067005	.0008926
%RSD	168.7950	2.105755	104.5154	748.2674	97.55597	132.4342	36.06619

#1	-.020368	.0066633	.0001894	.0001616	.0000559	.0127736	.0014457
#2	.012103	.0063954	-.000024	.0001861	.0012014	.0017188	.0029412
#3	-.033336	.0065860	.000273	-.000250	.0005154	.0006862	.0030376

Sample Name: CCB01 Acquired: 1/16/2025 19:53:16 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003444	-.001198	.0001688
Stddev	.004331	.000365	.0000366
%RSD	125.7461	30.46889	21.67624

#1	-.000009	-.001169	.0001685
#2	-.008309	-.001576	.0002056
#3	-.002014	-.000848	.0001324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.994	54958.32	10339.50	1955.803	4283.740
Stddev	2.808	191.54	179.62	1.993	10.858
%RSD	.0988872	.3485175	1.737226	.1018856	.2534726

#1	2841.213	55062.96	10205.05	1954.767	4290.843
#2	2841.987	54737.26	10269.96	1958.100	4289.137
#3	2836.782	55074.75	10543.50	1954.541	4271.241

Sample Name: Q1074-01 Acquired: 1/16/2025 19:57:37 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535012	-.036515	.2272059	-.055538	-.003651	82.44025
Stddev	.0009737	.002481	.0021463	.001333	.000896	.06965
%RSD	1.819938	6.794950	.9446468	2.400398	24.52930	.0844798

#1	.0545667	-.037009	.2290853	-.056317	-.004239	82.38634
#2	.0526578	-.033824	.2248671	-.053999	-.002620	82.41553
#3	.0532790	-.038712	.2276654	-.056298	-.004094	82.51888

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4897941	.0066452	.0080670	528.4240	.3773892	.1684478
Stddev	.0017507	.0001029	.0001749	.6616	.0007432	.0007534
%RSD	.3574250	1.548823	2.167699	.1251969	.1969202	.4472672

#1	.4878972	.0065650	.0082668	528.4112	.3765423	.1678486
#2	.4901375	.0067612	.0079419	527.7690	.3776930	.1682011
#3	.4913476	.0066094	.0079922	529.0919	.3779323	.1692936

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.207117	247.1290	2.356748	349.6354	.3160491	-.007130
Stddev	.006091	1.2889	.007781	.6661	.0013878	.000125
%RSD	.1899322	.5215297	.3301738	.1905106	.4390933	1.751332

#1	3.202866	245.6873	2.347861	349.2703	.3147231	-.007268
#2	3.204391	247.5302	2.360044	350.4042	.3159329	-.007097
#3	3.214096	248.1696	2.362339	349.2317	.3174913	-.007025

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.355494	.3461286	.6310956	43.88438	.1980454	.0362640
Stddev	.030327	.0016027	.0017824	.18060	.0010172	.0005634
%RSD	.6962894	.4630354	.2824320	.4115464	.5136217	1.553749

#1	4.320515	.3462316	.6324786	43.71076	.1969772	.0369094
#2	4.371551	.3476773	.6317241	43.87113	.1981565	.0360125
#3	4.374417	.3444769	.6290841	44.07124	.1990025	.0358701

Sample Name: Q1074-01 Acquired: 1/16/2025 19:57:37 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019731	8.462872	4.861861	F 10.22920	F 19.99168	.0470258
Stddev	.0016573	.010103	.020183	.05063	.05972	.0005628
%RSD	83.99402	.1193770	.4151345	.4949354	.2987368	1.196741

#1	.0020173	8.451208	4.841704	10.19994	19.94779	.0464717
#2	.0036080	8.468863	4.861810	10.20000	19.96757	.0475968
#3	.0002942	8.468545	4.882070	10.28766	20.05969	.0470088

Elem	Sr4077
Units	ppm
Avg	.0551242
Stddev	.0008159
%RSD	1.480124

#1	.0560282
#2	.0544424
#3	.0549020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.819	60833.06	12409.09	2135.151	3277.140
Stddev	3.237	183.37	23.76	9.065	5.468
%RSD	.1049975	.3014258	.1914792	.4245463	.1668550

#1	3082.950	61038.63	12425.84	2138.139	3279.170
#2	3085.988	60686.36	12381.89	2124.970	3281.304
#3	3079.519	60774.20	12419.52	2142.346	3270.948

Sample Name: Q1074-02 Acquired: 1/16/2025 20:01:50 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001887	-.007730	.0038146	.0030281	-.000369	.0827453	.1588536
Stddev	.001654	.001887	.0016268	.0006718	.000305	.0062853	.0003898
%RSD	87.69421	24.40899	42.64687	22.18583	82.65438	7.595994	.2453633

#1	-.003158	-.008963	.0052239	.0022988	-.000713	.0773787	.1592383
#2	-.002486	-.005558	.0020343	.0031639	-.000258	.0811972	.1588637
#3	-.000016	-.008668	.0041855	.0036216	-.000135	.0896600	.1584589

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0001654	75.68371	.0009966	.0164905	.0695692	.2100650
Stddev	.000068	.0000106	.31356	.0001128	.0000778	.0007211	.0027425
%RSD	174.6605	6.402892	.4143089	11.31831	.4719836	1.036529	1.305563

#1	-.000107	.0001614	75.90569	.0010875	.0164043	.0693937	.2103796
#2	.000028	.0001573	75.82045	.0008704	.0165556	.0689520	.2126367
#3	-.000037	.0001774	75.32500	.0010320	.0165115	.0703618	.2071788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4471933	22.93268	.0154588	-.000694	303.8625	.0002788	.1189193
Stddev	.0023956	.05658	.0004528	.000295	.6627	.0005373	.0004151
%RSD	.5357049	.2467362	2.929322	42.52671	.2180863	192.7273	.3490435

#1	.4489561	22.94339	.0155013	-.000368	303.8137	-.000147	.1186284
#2	.4481582	22.98315	.0149862	-.000942	303.2255	.000101	.1187349
#3	.4444657	22.87152	.0158889	-.000771	304.5482	.000882	.1193946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.043680	.0212711	.0012698	-.002360	-.001505	1.047929	.0092251
Stddev	.052206	.0000598	.0002877	.000565	.000581	.007852	.0033569
%RSD	1.715211	.2811957	22.66002	23.95500	38.61318	.7493151	36.38829

#1	3.023651	.0212081	.0010328	-.001879	-.000945	1.056792	.0098759
#2	3.102934	.0212782	.0015900	-.002983	-.001465	1.041840	.0122089
#3	3.004455	.0213271	.0011866	-.002218	-.002106	1.045154	.0055905

Sample Name: Q1074-02 Acquired: 1/16/2025 20:01:50 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.208035	-.013167	.0638585
Stddev	.010391	.001069	.0002089
%RSD	.8601766	8.117721	.3270598
#1	1.200322	-.011981	.0640069
#2	1.203931	-.013465	.0639489
#3	1.219851	-.014055	.0636197

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.569	53514.49	9996.858	1849.223	3710.506
Stddev	12.847	159.95	46.044	7.104	16.581
%RSD	.4923146	.2988875	.4605870	.3841387	.4468577
#1	2614.767	53359.78	9961.871	1846.212	3719.387
#2	2619.003	53504.46	9979.683	1844.120	3720.754
#3	2594.937	53679.21	10049.02	1857.336	3691.377

Sample Name: Q1076-01 Acquired: 1/16/2025 20:06:15 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035118	.0120860	24.36666	-.057220	.4139344	53.42214
Stddev	.0011914	.0017590	.01156	.001967	.0008815	.03919
%RSD	1.150986	14.55426	.0474334	3.437626	.2129630	.0733580

#1	.1037072	.0141099	24.36874	-.055117	.4142246	53.46270
#2	.1022348	.0112223	24.35420	-.057529	.4129443	53.41923
#3	.1045935	.0109258	24.37703	-.059014	.4146342	53.38449

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2637445	.0080085	-.007210	29.48980	.3148138	.0481917
Stddev	.0008152	.0000472	.000211	.08325	.0001283	.0002883
%RSD	.3090813	.5895339	2.933201	.2823118	.0407644	.5982970

#1	.2645664	.0080070	-.007437	29.58579	.3149618	.0483760
#2	.2637310	.0079621	-.007175	29.44637	.3147340	.0478594
#3	.2629362	.0080565	-.007018	29.43725	.3147455	.0483396

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.828114	293.6404	1.673046	23.21184	.1170418	-.003577
Stddev	.002719	1.2006	.005091	.00477	.0004875	.000297
%RSD	.0961267	.4088659	.3042902	.0205441	.4165333	8.298828

#1	2.831219	294.9418	1.678751	23.21436	.1175330	-.003515
#2	2.826964	293.4035	1.671422	23.20634	.1165580	-.003315
#3	2.826159	292.5759	1.668965	23.21483	.1170342	-.003899

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.348138	.3333658	1.282574	11.15399	.1846895	.0119163
Stddev	.041693	.0020073	.008947	.03935	.0010429	.0001518
%RSD	.9588634	.6021364	.6976136	.3527846	.5646579	1.274138

#1	4.392855	.3356211	1.289621	11.19548	.1858925	.0117415
#2	4.341225	.3317749	1.272508	11.14927	.1841352	.0119916
#3	4.310333	.3327014	1.285593	11.11721	.1840409	.0120157

Sample Name: Q1076-01 Acquired: 1/16/2025 20:06:15 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.48868	1.379509	4.115632	4.262277	1.809170	.0523197
Stddev	.01243	.001596	.030580	.002595	.007068	.0011907
%RSD	.1185541	.1157199	.7430175	.0608855	.3907027	2.275882

#1	10.50217	1.381285	4.139383	4.264251	1.817279	.0535524
#2	10.47767	1.378194	4.126384	4.259338	1.804310	.0511759
#3	10.48620	1.379048	4.081128	4.263243	1.805920	.0522309

Elem	Sr4077
Units	ppm
Avg	-.104540
Stddev	.000562
%RSD	.5378710

#1	-.105167
#2	-.104373
#3	-.104080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2908.702	56073.50	10933.57	1981.347	4031.781
Stddev	2.260	117.70	34.51	12.988	2.911
%RSD	.0776867	.2098964	.3156608	.6554935	.0722022

#1	2906.190	55989.91	10920.97	1977.653	4029.195
#2	2909.343	56208.09	10972.61	1995.782	4034.934
#3	2910.571	56022.49	10907.12	1970.607	4031.214

Sample Name: Q1076-02 Acquired: 1/16/2025 20:10:19 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003442	-.005907	2.948247	.0019079	.0047183	.0927483	.2528256
Stddev	.000594	.001888	.011871	.0010846	.0003899	.0080078	.0009834
%RSD	17.26975	31.97246	.4026558	56.84923	8.263439	8.633919	.3889580

#1	-.004049	-.003928	2.940988	.0007301	.0049283	.0939416	.2519732
#2	-.002860	-.007690	2.941806	.0021281	.0049583	.1000926	.2539015
#3	-.003418	-.006101	2.961946	.0028656	.0042684	.0842109	.2526022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0007480	19.91954	.0029477	.0044482	.0586371	.5028010
Stddev	.000009	.0001375	.05240	.0002215	.0001389	.0004366	.0021040
%RSD	28.54027	18.38887	.2630707	7.513436	3.122890	.7445441	.4184646

#1	-.000037	.0008414	19.87791	.0031684	.0045201	.0581492	.5050253
#2	-.000021	.0005900	19.90232	.0027255	.0045364	.0589908	.5025351
#3	-.000034	.0008125	19.97838	.0029491	.0042880	.0587712	.5008425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2968399	2.100301	.0060662	-.000328	332.7665	.0007591	.7511802
Stddev	.0008674	.022906	.0002425	.000101	4.3029	.0008056	.0009696
%RSD	.2922026	1.090586	3.996754	30.92986	1.293068	106.1301	.1290801

#1	.2958486	2.075420	.0059226	-.000356	336.4726	.0011596	.7504952
#2	.2972120	2.120512	.0063461	-.000215	333.7793	-.000168	.7507558
#3	.2974592	2.104970	.0059298	-.000411	328.0475	.001286	.7522897

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.708672	.0509815	.0004212	-.000546	-.000199	1.371455	.0163827
Stddev	.023053	.0002573	.0001709	.000437	.000379	.010431	.0019304
%RSD	1.349154	.5047340	40.58146	80.06490	190.9161	.7605451	11.78308

#1	1.690357	.0512571	.0004299	-.000149	-.000556	1.378975	.0146773
#2	1.734558	.0507475	.0005876	-.001015	-.000239	1.375842	.0159924
#3	1.701101	.0509398	.0002460	-.000474	.000199	1.359547	.0184784

Sample Name: Q1076-02 Acquired: 1/16/2025 20:10:19 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7704013	-.005280	.0682405
Stddev	.0018562	.000790	.0000674
%RSD	.2409400	14.95898	.0987990

#1	.7711699	-.005008	.0681627
#2	.7682843	-.006170	.0682770
#3	.7717498	-.004662	.0682817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.958	51358.86	10264.60	1816.094	3822.961
Stddev	9.242	109.41	10.58	7.188	13.059
%RSD	.3467936	.2130337	.1030828	.3957752	.3416014

#1	2673.763	51303.87	10276.80	1822.785	3831.694
#2	2665.775	51287.85	10259.22	1808.496	3829.241
#3	2655.334	51484.86	10257.80	1817.000	3807.948

Sample Name: Q1077-01 Acquired: 1/16/2025 20:14:43 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987469	.0037361	.2105461	-.056704	-.000677	91.36244	.3872841
Stddev	.0011578	.0024417	.0024079	.002813	.002848	.16085	.0006575
%RSD	1.172477	65.35427	1.143663	4.961372	420.7179	.1760552	.1697658

#1	.0985059	.0057088	.2109283	-.055193	-.002830	91.24771	.3868419
#2	.1000063	.0010053	.2127401	-.059950	.002552	91.29331	.3869707
#3	.0977286	.0044943	.2079700	-.054968	-.001752	91.54630	.3880396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088894	-.007281	47.62872	.3537569	.0580745	.3096779	307.5891
Stddev	.0000381	.000098	.17303	.0005899	.0001814	.0029627	1.1221
%RSD	.4286078	1.349812	.3632810	.1667576	.3123821	.9566980	.3647918

#1	.0089332	-.007391	47.44025	.3543538	.0582416	.3074560	308.4486
#2	.0088715	-.007253	47.66551	.3537428	.0578815	.3085361	307.9989
#3	.0088636	-.007200	47.78039	.3531742	.0581005	.3130416	306.3197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.156733	23.40421	.1039446	-.007626	5.652015	.5256680	.4015501
Stddev	.005003	.09679	.0007596	.000292	.020663	.0017124	.0015141
%RSD	.4325137	.4135785	.7307514	3.827983	.3655788	.3257638	.3770672

#1	1.150957	23.34350	.1044041	-.007524	5.675775	.5236971	.4032982
#2	1.159511	23.35330	.1030678	-.007398	5.638253	.5267917	.4006519
#3	1.159730	23.51584	.1043618	-.007955	5.642017	.5265152	.4007001

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17359	.2259341	.0051265	.0065645	1.959442	5.831406	5.569980
Stddev	.02339	.0036204	.0001889	.0004770	.006745	.029984	.004911
%RSD	.2298847	1.602409	3.684485	7.266738	.3442243	.5141745	.0881758

#1	10.19670	.2293828	.0052214	.0070658	1.953788	5.865451	5.571571
#2	10.17413	.2262560	.0049089	.0061162	1.957629	5.819837	5.564471
#3	10.14993	.2221636	.0052490	.0065114	1.966908	5.808931	5.573899

Sample Name: Q1077-01 Acquired: 1/16/2025 20:14:43 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.605734	.1077139	-.074432
Stddev	.006446	.0007847	.001510
%RSD	.1787591	.7285339	2.029018

#1	3.611354	.1077036	-.075811
#2	3.598698	.1085037	-.074666
#3	3.607149	.1069344	-.072818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.366	56338.93	11032.84	1984.774	3894.676
Stddev	2.843	121.04	60.88	9.677	8.681
%RSD	.0989021	.2148424	.5518156	.4875432	.2228859

#1	2873.885	56250.70	11099.79	1974.920	3885.747
#2	2877.419	56289.17	11017.95	1985.139	3903.084
#3	2871.794	56476.92	10980.79	1994.263	3895.197

Sample Name: Q1048-01 Acquired: 1/16/2025 20:18:47 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002562	-.008263	.0006613	.0046648	.0026725	16.92376
Stddev	.001435	.001200	.0004703	.0024304	.0004390	.00973
%RSD	56.00397	14.52326	71.11881	52.10165	16.42627	.0574731

#1	-.000931	-.006968	.0001182	.0066784	.0031233	16.92378
#2	-.003126	-.008483	.0009319	.0019650	.0026478	16.93347
#3	-.003628	-.009337	.0009338	.0053510	.0022464	16.91401

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000341	-.000045	-.000348	9.043874	.4686079	.0045079
Stddev	.000241	.000045	.000045	.033330	.0022577	.0000868
%RSD	70.67952	100.7018	13.02270	.3685413	.4817852	1.924583

#1	-.000618	.000007	-.000298	9.006608	.4666815	.0045698
#2	-.000181	-.000071	-.000359	9.054179	.4680501	.0045451
#3	-.000223	-.000071	-.000387	9.070835	.4710922	.0044087

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251606	2.256647	.0409998	2.642969	.0810683	-.000893
Stddev	.0002441	.007117	.0002515	.005171	.0005537	.000613
%RSD	.9702473	.3153712	.6133089	.1956695	.6829682	68.58748

#1	.0248930	2.256577	.0407361	2.641949	.0806861	-.001179
#2	.0253711	2.249566	.0412369	2.648574	.0808156	-.000190
#3	.0252176	2.263799	.0410265	2.638383	.0817032	-.001311

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2218.631	.0007987	2.326026	276.2537	6.046825	.0216184
Stddev	18.888	.0009281	.001581	2.0588	.036148	.0001058
%RSD	.8513246	116.1976	.0679669	.7452458	.5977932	.4892719

#1	2227.625	.0018627	2.326370	277.1159	6.024656	.0215055
#2	2196.927	.0001561	2.327406	273.9040	6.088537	.0217152
#3	2231.341	.0003773	2.324301	277.7412	6.027282	.0216344

Sample Name: Q1048-01 Acquired: 1/16/2025 20:18:47 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0410206	.0002833	1.188040	5.339415	F 1095.992	.0025524
Stddev	.0006387	.0008292	.009380	.026774	1.550	.0000939
%RSD	1.556890	292.6657	.7895058	.5014435	.1413974	3.677785
#1	.0415351	.0011904	1.194573	5.317833	1095.371	.0026198
#2	.0412208	-.000436	1.177292	5.331036	1094.849	.0024451
#3	.0403058	.000095	1.192255	5.369377	1097.756	.0025921

Elem	Sr4077
Units	ppm
Avg	.0333135
Stddev	.0001062
%RSD	.3188665
#1	.0332753
#2	.0332317
#3	.0334335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.728	46029.96	9960.175	1632.204	3247.558
Stddev	4.302	92.32	53.064	2.882	2.396
%RSD	.1774794	.2005689	.5327594	.1765926	.0737729
#1	2426.423	45988.13	9996.412	1630.299	3246.491
#2	2425.995	46135.79	9899.267	1630.793	3250.302
#3	2418.767	45965.95	9984.846	1635.520	3245.881

Sample Name: Q1049-01 Acquired: 1/16/2025 20:23:07 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737957	.0004860	.5623598	-.011932	.0097194	17.37085
Stddev	.0016609	.0025335	.0005105	.003595	.0028097	.02625
%RSD	2.250621	521.2742	.0907818	30.12827	28.90855	.1510956

#1	.0748911	-.001171	.5625665	-.016015	.0064917	17.36727
#2	.0718847	.003402	.5617783	-.010535	.0110481	17.34657
#3	.0746114	-.000773	.5627345	-.009245	.0116183	17.39870

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4652510	.0018380	.0001323	220.3544	.0637629	.0244676
Stddev	.0018119	.0001005	.0000999	.3494	.0003516	.0001052
%RSD	.3894492	5.465096	75.54290	.1585560	.5513686	.4300835

#1	.4647490	.0019011	.0002241	220.1361	.0641679	.0243548
#2	.4637430	.0018909	.0000259	220.1698	.0635843	.0245632
#3	.4672610	.0017222	.0001468	220.7574	.0635365	.0244849

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1797936	78.26208	5.664685	25.73673	.0453134	-.000874
Stddev	.0008621	.36087	.015244	.07223	.0003361	.000301
%RSD	.4794695	.4611032	.2691012	.2806643	.7417655	34.49331

#1	.1789506	77.87810	5.660820	25.77201	.0451606	-.000529
#2	.1797568	78.31394	5.651746	25.65363	.0456988	-.001089
#3	.1806735	78.59422	5.681489	25.78453	.0450809	-.001003

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	528.5254	.0451854	.8722411	39.72687	.1105694	.0056930
Stddev	9.3203	.0006608	.0032005	.24091	.0008064	.0005258
%RSD	1.763451	1.462383	.3669304	.6064076	.7293195	9.235180

#1	538.5138	.0449892	.8751541	39.45122	.1096766	.0051144
#2	527.0012	.0459221	.8688151	39.83233	.1112448	.0058233
#3	520.0611	.0446450	.8727541	39.89707	.1107868	.0061414

Sample Name: Q1049-01 Acquired: 1/16/2025 20:23:07 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186435	.5312543	F 29.77494	1.231103	F 22.46871	-.003386
Stddev	.0005111	.0012702	.10790	.002928	.06171	.000592
%RSD	2.741459	.2390989	.3623772	.2378093	.2746368	17.47102

#1	.0185007	.5305192	29.65435	1.227982	22.46876	-.003219
#2	.0192109	.5305226	29.80811	1.233788	22.40697	-.002895
#3	.0182191	.5327210	29.86236	1.231541	22.53038	-.004043

Elem	Sr4077
Units	ppm
Avg	3.216079
Stddev	.025587
%RSD	.7956022

#1	3.214152
#2	3.191509
#3	3.242575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.765	50151.32	10276.12	1736.600	3523.437
Stddev	4.987	96.20	54.40	2.881	6.881
%RSD	.1962106	.1918105	.5294066	.1659253	.1952855

#1	2546.029	50056.99	10213.31	1734.407	3530.879
#2	2542.985	50147.68	10308.40	1735.528	3517.307
#3	2536.281	50249.28	10306.66	1739.863	3522.123

Sample Name: Q1081-01 Acquired: 1/16/2025 20:30:46 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003537	-.003847	.0028443	.0032462	.0002047	.0064639	.0018069
Stddev	.002167	.001661	.0002583	.0003417	.0013150	.0026411	.0002254
%RSD	61.26399	43.18496	9.082571	10.52502	642.2179	40.85920	12.47255

#1	-.005907	-.003233	.0029837	.0035843	.0017225	.0093370	.0020587
#2	-.003048	-.002580	.0025462	.0029011	-.000594	.0041417	.0016240
#3	-.001657	-.005728	.0030030	.0032532	-.000515	.0059130	.0017380

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000099	-.000165	4.149910	.0004296	.0070783	.0098885	.2112403
Stddev	.000027	.000028	.034607	.0003545	.0000995	.0000923	.0039286
%RSD	27.69292	17.22746	.8339191	82.52527	1.405848	.9331801	1.859795

#1	-.000130	-.000133	4.115961	.0000308	.0069798	.0099938	.2070328
#2	-.000082	-.000177	4.148631	.0007093	.0070765	.0098499	.2118757
#3	-.000084	-.000185	4.185140	.0005488	.0071788	.0098218	.2148126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090970	2.024218	.0100109	-.000565	11.98812	.0011347	.0233346
Stddev	.0000481	.019845	.0001550	.000443	.05286	.0009176	.0001319
%RSD	.5290715	.9803768	1.547807	78.33902	.4409304	80.86574	.5651562

#1	.0090421	2.002954	.0098409	-.000306	11.94448	.0019453	.0231976
#2	.0091167	2.027455	.0100475	-.001076	12.04690	.0001386	.0234607
#3	.0091321	2.042245	.0101442	-.000313	11.97298	.0013201	.0233455

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8929051	.0065343	.0001806	-.000126	-.000461	5.321433	.0124120
Stddev	.0295350	.0006690	.0000798	.000636	.001003	.012349	.0015636
%RSD	3.307740	10.23846	44.15449	503.7066	217.7746	.2320633	12.59738

#1	.9104671	.0064035	.0002401	.000439	-.000755	5.334003	.0125796
#2	.9094420	.0059404	.0000900	-.000003	-.001284	5.320977	.0107713
#3	.8588062	.0072591	.0002118	-.000814	.000657	5.309318	.0138850

Sample Name: Q1081-01 Acquired: 1/16/2025 20:30:46 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5723322	-.003805	.0271201
Stddev	.0026799	.000564	.0001955
%RSD	.4682446	14.83344	.7206789
#1	.5695192	-.003853	.0269005
#2	.5726218	-.004344	.0271848
#3	.5748555	-.003218	.0272750

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.826	55183.18	10425.44	1918.124	4270.448
Stddev	6.983	209.40	13.19	6.985	6.999
%RSD	.2488920	.3794591	.1265198	.3641413	.1638995
#1	2798.641	55243.63	10440.52	1921.132	4266.367
#2	2812.588	54950.20	10419.76	1910.139	4278.530
#3	2806.250	55355.70	10416.04	1923.100	4266.447

Sample Name: Q1081-04 Acquired: 1/16/2025 20:35:04 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004021	-.004972	-.000142	.0008272	.0006930	-.003652	.0017281
Stddev	.001595	.001479	.000551	.0003732	.0010119	.009351	.0003517
%RSD	39.65385	29.74324	386.6301	45.11808	146.0111	256.0511	20.35418

#1	-.004727	-.006366	-.000167	.0005967	.0000583	.005320	.0021293
#2	-.002196	-.005130	.000420	.0006271	.0018600	-.002936	.0014728
#3	-.005141	-.003421	-.000680	.0012578	.0001609	-.013340	.0015821

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000178	-.000157	4.358222	.0047698	.0080099	.0056266	.0263944
Stddev	.000051	.000033	.018072	.0001133	.0002646	.0003153	.0038077
%RSD	28.53325	20.70513	.4146532	2.376146	3.303071	5.603176	14.42627

#1	-.000203	-.000120	4.372916	.0046783	.0082675	.0058241	.0225267
#2	-.000212	-.000178	4.363705	.0047346	.0080234	.0052630	.0301392
#3	-.000120	-.000174	4.338044	.0048966	.0077388	.0057927	.0265174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106184	2.039404	.0115495	-.000448	11.32868	.0020409	.0172111
Stddev	.0002647	.012597	.0003526	.000679	.08508	.0016357	.0005254
%RSD	2.492836	.6176822	3.053241	151.7735	.7510215	80.14530	3.052726

#1	.0108194	2.025170	.0118252	-.000398	11.38858	.0023418	.0167019
#2	.0103185	2.043931	.0111521	.000206	11.36617	.0002757	.0177513
#3	.0107173	2.049113	.0116711	-.001150	11.23130	.0035052	.0171800

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8975440	.0072373	.0005140	-.000870	-.000116	5.143089	.0291255
Stddev	.0489780	.0005718	.0000277	.000284	.000608	.035187	.0014431
%RSD	5.456890	7.901193	5.381503	32.66063	523.5605	.6841632	4.954597

#1	.9454008	.0070584	.0004884	-.001186	-.000743	5.160147	.0306670
#2	.8997143	.0067763	.0005433	-.000636	-.000074	5.166495	.0289028
#3	.8475170	.0078772	.0005104	-.000789	.000469	5.102624	.0278068

Sample Name: Q1081-04 Acquired: 1/16/2025 20:35:04 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5388672	-.004080	.0290764
Stddev	.0029791	.000835	.0000467
%RSD	.5528372	20.45994	.1606016
#1	.5395085	-.003818	.0291296
#2	.5414733	-.003408	.0290577
#3	.5356197	-.005015	.0290420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.318	55739.82	10416.74	1943.056	4370.128
Stddev	7.887	72.60	19.42	7.868	8.820
%RSD	.2766024	.1302483	.1864745	.4049480	.2018275
#1	2855.327	55686.42	10415.63	1935.732	4368.500
#2	2856.394	55710.55	10436.70	1942.061	4379.650
#3	2842.232	55822.48	10397.90	1951.374	4362.236

Sample Name: Q1048-01DLX2 Acquired: 1/16/2025 20:39:23 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871463	.1904593	.1007878	.2159993	.0833235	8.889927
Stddev	.0022158	.0052864	.0009331	.0007215	.0011907	.002390
%RSD	2.542593	2.775590	.9258462	.3340480	1.428959	.0268803

#1	.0850226	.1844698	.0997356	.2165655	.0825465	8.888931
#2	.0869724	.1924339	.1011128	.2151869	.0827297	8.888197
#3	.0894439	.1944741	.1015150	.2162455	.0846943	8.892654

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190318	.0190421	.0211858	4.827410	.2815450	.0236270
Stddev	.0001827	.0000704	.0000771	.018191	.0014467	.0001469
%RSD	.9600672	.3698191	.3639575	.3768271	.5138467	.6216799

#1	.0189400	.0191005	.0212610	4.830623	.2799122	.0234788
#2	.0192422	.0189639	.0211897	4.807826	.2820558	.0237725
#3	.0189132	.0190619	.0211069	4.843780	.2826669	.0236298

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426597	1.504090	.0416716	1.560570	.0954314	.0075490
Stddev	.0003662	.001627	.0004387	.013723	.0000794	.0001875
%RSD	.8585482	.1081714	1.052846	.8793448	.0832087	2.483899

#1	.0430809	1.503000	.0417700	1.564920	.0955119	.0076606
#2	.0424811	1.505961	.0411921	1.545199	.0954292	.0076538
#3	.0424169	1.503311	.0420529	1.571590	.0953531	.0073325

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1208.508	.0308399	1.183522	139.1060	3.321593	.0524872
Stddev	10.903	.0017665	.000958	.6733	.016349	.0004901
%RSD	.9021744	5.727994	.0809411	.4839914	.4922178	.9337554

#1	1219.167	.0325119	1.184492	138.4796	3.336076	.0524734
#2	1197.376	.0289920	1.183496	139.8180	3.303864	.0520041
#3	1208.982	.0310157	1.182577	139.0205	3.324840	.0529840

Sample Name: Q1048-01DLX2 Acquired: 1/16/2025 20:39:23 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933155	.0197445	.6885651	3.309865	F 610.9208	.0298137
Stddev	.0011792	.0002132	.0020887	.006880	1.6633	.0013528
%RSD	1.263679	1.080019	.3033480	.2078642	.2722647	4.537545
#1	.0935521	.0195346	.6909750	3.303243	609.0511	.0283687
#2	.0943585	.0199609	.6874449	3.316977	611.4753	.0300223
#3	.0920360	.0197379	.6872755	3.309376	612.2360	.0310501

Elem	Sr4077
Units	ppm
Avg	.0372025
Stddev	.0000196
%RSD	.0527612
#1	.0371971
#2	.0372243
#3	.0371862

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.261	48626.86	10238.38	1727.891	3486.591
Stddev	7.961	49.03	47.25	1.163	4.835
%RSD	.3121652	.1008216	.4615226	.0673166	.1386738
#1	2541.073	48678.13	10192.51	1728.004	3481.017
#2	2554.595	48580.44	10286.90	1726.675	3489.659
#3	2555.114	48622.00	10235.74	1728.993	3489.096

Sample Name: CCV02 Acquired: 1/16/2025 20:43:43 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.573259	4.707069	4.638476	4.539855	4.600267	9.324224	9.243798
Stddev	.000728	.020422	.005932	.016117	.014939	.018934	.110848
%RSD	.0159286	.4338586	.1278863	.3550108	.3247398	.2030596	1.199163

#1	4.572439	4.689363	4.633574	4.526317	4.584527	9.346066	9.338940
#2	4.573830	4.729410	4.645070	4.535564	4.602025	9.314136	9.122077
#3	4.573509	4.702434	4.636784	4.557683	4.614249	9.312471	9.270378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373188	2.321158	23.27911	.9717561	2.335587	1.170872	4.777113
Stddev	.0012432	.001902	.07349	.0015869	.002529	.001216	.029292
%RSD	.5238518	.0819273	.3157066	.1633049	.1082698	.1038890	.6131750

#1	.2386324	2.319046	23.35347	.9723159	2.332765	1.171732	4.786590
#2	.2371634	2.321692	23.20652	.9729873	2.337648	1.169481	4.744255
#3	.2361606	2.322735	23.27732	.9699652	2.336347	1.171404	4.800493

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.318446	23.26818	2.338624	1.208891	23.73871	2.335318	2.412781
Stddev	.011608	.05437	.002699	.000749	.12012	.014690	.012269
%RSD	.5006617	.2336786	.1153938	.0619823	.5060127	.6290479	.5085119

#1	2.331807	23.31549	2.335658	1.209113	23.83695	2.350641	2.426713
#2	2.310839	23.20878	2.339278	1.208056	23.60479	2.321355	2.408044
#3	2.312693	23.28027	2.340935	1.209505	23.77438	2.333957	2.403587

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.90633	4.805624	4.737601	4.684208	4.633717	5.132917	4.544924
Stddev	.10789	.028660	.003771	.009756	.016362	.043471	.008942
%RSD	.4512941	.5963784	.0795927	.2082788	.3531022	.8469064	.1967445

#1	23.87483	4.837842	4.733787	4.674675	4.652214	5.100261	4.535292
#2	23.81771	4.796062	4.737689	4.683775	4.627796	5.116232	4.546518
#3	24.02647	4.782967	4.741327	4.694173	4.621139	5.182259	4.552961

Sample Name: CCV02 Acquired: 1/16/2025 20:43:43 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.540628	4.591582	4.657260
Stddev	.016311	.023064	.049041
%RSD	.3592261	.5023209	1.053009

#1	4.522623	4.617729	4.686353
#2	4.554418	4.574124	4.684787
#3	4.544842	4.582894	4.600639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.212	53907.44	9951.922	1890.850	4113.637
Stddev	5.982	142.24	42.914	8.345	6.232
%RSD	.2107776	.2638594	.4312175	.4413579	.1514983

#1	2831.518	53886.83	9902.417	1881.559	4107.925
#2	2840.082	54058.86	9974.781	1893.279	4112.703
#3	2843.036	53776.63	9978.569	1897.711	4120.283

Sample Name: CCB02 Acquired: 1/16/2025 20:47:54 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019304	.0004833	-.000402	-.001569	.0001668	-.003553
Stddev	.0008550	.0004725	.000854	.001015	.0010241	.001018
%RSD	44.29213	97.77291	212.1434	64.71750	613.7941	28.64976

#1	.0023576	.0007654	.000180	-.002431	-.000774	-.004026
#2	.0024876	-.000062	-.000004	-.000450	.001258	-.002385
#3	.0009460	.000747	-.001382	-.001825	.000017	-.004249

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009873	.0000847	.0001802	-.005198	-.000078	.0000997
Stddev	.0004310	.0000299	.0001047	.010926	.000338	.0001546
%RSD	43.65573	35.23711	58.07769	210.1804	431.0493	155.0386

#1	.0013516	.0000825	.0000625	-.005077	.000174	.0000517
#2	.0005115	.0000561	.0002626	.005666	-.000462	.0002727
#3	.0010989	.0001156	.0002156	-.016184	.000053	-.000025

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000090	-.004829	.0000240	.0091217	.0000431	-.000422
Stddev	.0000869	.002399	.0004091	.0063558	.0002025	.000234
%RSD	971.0536	49.68530	1707.541	69.67841	470.1927	55.43863

#1	.0000744	-.003806	-.000204	.0084827	.0001795	-.000154
#2	-.000090	-.007570	.000496	.0031094	.0001394	-.000587
#3	.000042	-.003110	-.000220	.0157728	-.000190	-.000525

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2466098	.0015978	-.000335	.2044721	.0072057	.0003524
Stddev	.0078428	.0018235	.000277	.0481978	.0006810	.0002021
%RSD	3.180259	114.1262	82.77447	23.57181	9.451268	57.34286

#1	.2543672	.0016885	-.000321	.1582568	.0079706	.0004304
#2	.2386842	.0033741	-.000065	.2007259	.0069815	.0001229
#3	.2467779	-.000269	-.000619	.2544338	.0066650	.0005038

Sample Name: CCB02 Acquired: 1/16/2025 20:47:54 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000200	-.000026	.0151369	.0025422	F .0374158	.0027861
Stddev	.000659	.000672	.0048335	.0027567	.0061848	.0006336
%RSD	329.2530	2545.629	31.93213	108.4402	16.52992	22.74278

#1	-.000244	-.000177	.0130891	.0034615	.0433991	.0028557
#2	.000479	.000708	.0116643	.0047217	.0378008	.0021206
#3	-.000836	-.000610	.0206572	-.000557	.0310475	.0033821

Elem	Sr4077
Units	ppm
Avg	.0002113
Stddev	.0000025
%RSD	1.168326

#1	.0002124
#2	.0002085
#3	.0002130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.541	55733.02	10473.03	1978.900	4300.669
Stddev	3.702	46.54	40.95	5.674	3.425
%RSD	.1296272	.0835108	.3909769	.2867393	.0796473

#1	2852.519	55690.78	10505.97	1975.699	4297.079
#2	2859.670	55725.36	10427.18	1975.549	4303.902
#3	2854.435	55782.92	10485.94	1985.452	4301.026

Sample Name: LR1 Acquired: 1/16/2025 20:51:59 Type: Unk
Method: NON EPA-6010-200.7(v2613) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445149	.1043826	.0552078	-.168794	-.006192	1999.215	.0129894
Stddev	.0035680	.0064445	.0072656	.005467	.012003	19.206	.0014206
%RSD	8.015281	6.173903	13.16038	3.238664	193.8335	.9606791	10.93680

#1	.0411721	.0970495	.0635060	-.175105	.000875	2019.689	.0126709
#2	.0482720	.1091448	.0499895	-.165532	.000599	1996.362	.0145422
#3	.0441006	.1069535	.0521279	-.165745	-.020051	1981.596	.0117551

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094597	-.016626	1883.750	.0000108	.0258283	-.617995	1027.152
Stddev	.0002836	.002294	11.555	.0010243	.0008115	.012138	12.876
%RSD	2.998318	13.79833	.6133922	9452.828	3.141754	1.964112	1.253528

#1	.0094047	-.015369	1890.351	.0007660	.0252776	-.609086	1017.469
#2	.0092076	-.019274	1870.408	.0004216	.0254471	-.631820	1041.764
#3	.0097668	-.015235	1890.492	-.001155	.0267602	-.613080	1022.223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.091105	1686.653	.0081205	-.014044	2036.030	.0659782	.0180632
Stddev	.000581	12.582	.0007372	.002949	12.021	.0003961	.0016665
%RSD	.6378522	.7459478	9.078311	20.99656	.5904203	.6002887	9.225827

#1	-.091743	1677.916	.0072891	-.016386	2026.715	.0662071	.0197769
#2	-.090968	1680.969	.0083777	-.010733	2031.775	.0655209	.0179643
#3	-.090605	1701.074	.0086946	-.015013	2049.600	.0662067	.0164484

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1242.891	.6744082	-.008126	.0125591	-.038041	.1606838	.0670968
Stddev	1.496	.0184113	.000581	.0044297	.001618	.0042559	.0094145
%RSD	.1203612	2.729992	7.144735	35.27124	4.252000	2.648627	14.03115

#1	1244.337	.6658508	-.008330	.0160733	-.039573	.1591391	.0594571
#2	1241.350	.6955408	-.008577	.0075832	-.036350	.1574159	.0776143
#3	1242.986	.6618330	-.007471	.0140207	-.038200	.1654963	.0642191

Sample Name: LR1 Acquired: 1/16/2025 20:51:59 Type: Unk
Method: NON EPA-6010-200.7(v2613) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.211389	-.303369	-1.01597
Stddev	.009526	.002108	.01281
%RSD	4.506493	.6947473	1.261037

#1	-.200723	-.305211	-1.00634
#2	-.214394	-.301070	-1.03051
#3	-.219051	-.303826	-1.01105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.842	39705.76	8912.581	1380.095	2549.921
Stddev	4.367	74.29	32.217	2.087	5.288
%RSD	.2173778	.1870902	.3614833	.1511926	.2073847

#1	2009.756	39726.33	8919.775	1382.401	2555.554
#2	2012.680	39623.36	8940.594	1379.544	2549.147
#3	2004.091	39767.59	8877.375	1378.339	2545.063

Sample Name: LR2 Acquired: 1/16/2025 20:56:56 Type: Unk
Method: NON EPA-6010-200.7(v2613) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130225	-.012333	261.7955	.0115272	.0019461	.1149251	97.03538
Stddev	.0041715	.001211	.5861	.0023338	.0015306	.0149675	.54631
%RSD	32.03318	9.816788	.2238875	20.24634	78.64830	13.02371	.5629975

#1	.0113210	-.011135	261.4073	.0095627	.0019760	.1276390	96.52347
#2	.0099707	-.012308	261.5095	.0109118	.0034616	.1187069	96.97211
#3	.0177759	-.013555	262.4698	.0141071	.0004008	.0984294	97.61057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003248	-.004733	.2771960	.0108123	-.009637	272.4558	.0337777
Stddev	.000077	.000054	.0021901	.0001041	.000397	.3212	.0055811
%RSD	2.385738	1.131024	.7900847	.9624558	4.116931	.1179013	16.52303

#1	-.003280	-.004674	.2796142	.0107331	-.009179	272.6724	.0322645
#2	-.003159	-.004747	.2753460	.0107736	-.009839	272.6082	.0399593
#3	-.003304	-.004778	.2766277	.0109301	-.009891	272.0867	.0291092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.73109	.0449754	50.44478	.0032307	.4340192	-.012582	35.59722
Stddev	.38573	.0182260	.10641	.0004521	.0308249	.001811	.26124
%RSD	.9243281	40.52431	.2109379	13.99368	7.102192	14.39195	.7338865

#1	41.31089	.0569550	50.38424	.0033705	.4664251	-.014665	35.87519
#2	41.81327	.0539705	50.38244	.0027252	.4305664	-.011698	35.35676
#3	42.06912	.0240005	50.56764	.0035964	.4050661	-.011383	35.55971

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3987990	-.000569	-.009022	-.004941	-.036797	-.004707	3.055586
Stddev	.0072065	.000561	.000327	.001042	.000262	.008735	.017040
%RSD	1.807044	98.58201	3.628505	21.09155	.7115361	185.5860	.5576640

#1	.4059118	-.000109	-.009116	-.003741	-.036870	-.005631	3.070979
#2	.3989830	-.001194	-.009292	-.005625	-.036507	.004454	3.058503
#3	.3915023	-.000403	-.008658	-.005456	-.037015	-.012943	3.037276

Sample Name: LR2 Acquired: 1/16/2025 20:56:56 Type: Unk
Method: NON EPA-6010-200.7(v2613) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0112602	.0018942	.0013007
Stddev	.0044936	.0003642	.0000255
%RSD	39.90694	19.22902	1.958444

#1	.0159110	.0022698	.0012800
#2	.0109274	.0018702	.0013291
#3	.0069423	.0015425	.0012930

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.873	55728.12	10465.22	1921.895	4193.858
Stddev	8.647	184.91	10.86	6.333	7.052
%RSD	.3391174	.3318016	.1037485	.3294981	.1681562

#1	2556.898	55747.55	10465.57	1919.318	4200.211
#2	2552.506	55534.26	10454.19	1917.256	4195.093
#3	2540.216	55902.54	10475.90	1929.109	4186.270

Sample Name: CCV03 Acquired: 1/16/2025 21:01:15 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.684451	4.769964	4.716371	4.661982	4.704157	9.422283	9.326963
Stddev	.013996	.030505	.011970	.021656	.011873	.006320	.025125
%RSD	.2987697	.6395200	.2537910	.4645201	.2523999	.0670800	.2693767

#1	4.669339	4.736527	4.708526	4.637241	4.694547	9.419043	9.346399
#2	4.687050	4.796277	4.710438	4.671205	4.700494	9.429567	9.298592
#3	4.696966	4.777087	4.730148	4.677499	4.717430	9.418240	9.335899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2373160	2.354860	23.32394	.9715917	2.367937	1.210943	4.806202
Stddev	.0019378	.004539	.07546	.0007183	.004930	.003756	.032846
%RSD	.8165391	.1927381	.3235304	.0739288	.2082162	.3101921	.6834037

#1	.2375758	2.352406	23.30390	.9724157	2.366045	1.208014	4.796544
#2	.2352614	2.352077	23.26053	.9710977	2.364233	1.209638	4.842794
#3	.2391108	2.360097	23.40740	.9712617	2.373533	1.215178	4.779268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331762	23.37103	2.375348	1.211072	23.66573	2.344548	2.378504
Stddev	.008454	.08126	.004140	.000521	.16480	.003582	.012588
%RSD	.3625613	.3476930	.1743091	.0430019	.6963675	.1527777	.5292441

#1	2.333091	23.30914	2.373135	1.211097	23.67815	2.343913	2.364201
#2	2.322723	23.34091	2.372784	1.211579	23.82397	2.341326	2.383411
#3	2.339473	23.46305	2.380124	1.210539	23.49507	2.348405	2.387899

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.81786	4.812384	4.789826	4.757125	4.661764	5.143397	4.713895
Stddev	.16659	.036613	.011045	.010701	.001405	.020216	.011960
%RSD	.6994130	.7608175	.2305995	.2249391	.0301471	.3930543	.2537115

#1	23.73978	4.814393	4.779518	4.750483	4.662380	5.134082	4.703596
#2	24.00914	4.774807	4.788476	4.751423	4.660156	5.166592	4.711076
#3	23.70465	4.847951	4.801485	4.769469	4.662757	5.129518	4.727012

Sample Name: CCV03 Acquired: 1/16/2025 21:01:15 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.626462	4.613484	4.707086
Stddev	.001756	.004713	.046978
%RSD	.0379613	.1021594	.9980309

#1	4.626982	4.610597	4.725563
#2	4.624505	4.610931	4.653679
#3	4.627900	4.618922	4.742017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.741	54455.41	10014.47	1905.315	4042.949
Stddev	2.709	75.57	77.93	7.445	1.206
%RSD	.0969033	.1387742	.7781973	.3907522	.0298215

#1	2798.861	54401.36	9995.04	1911.676	4043.854
#2	2793.979	54423.12	10100.28	1897.127	4041.581
#3	2794.385	54541.77	9948.09	1907.144	4043.414

Sample Name: CCB03 Acquired: 1/16/2025 21:10:24 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016163	-.000940	.0036396	-.001103	-.000462	.0154244	.0009978
Stddev	.0010454	.000597	.0014006	.001427	.000964	.0037002	.0004454
%RSD	64.68083	63.52046	38.48277	129.3182	208.7933	23.98920	44.63672

#1	.0004739	-.000846	.0027833	-.001234	-.001490	.0193775	.0013077
#2	.0018498	-.000396	.0052560	-.002460	-.000318	.0120439	.0004874
#3	.0025252	-.001579	.0028796	.000384	.000423	.0148519	.0011983

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000480	-.000022	.0090215	-.000081	-.000118	.0037014	.0029597
Stddev	.0000422	.000016	.0018006	.000208	.000025	.0001951	.0016247
%RSD	87.88653	69.82647	19.95851	257.0310	21.36778	5.269941	54.89280

#1	.0000533	-.000005	.0071600	-.000274	-.000103	.0037552	.0027253
#2	.0000872	-.000029	.0107542	-.000108	-.000147	.0038640	.0046888
#3	.0000034	-.000034	.0091505	.000139	-.000104	.0034851	.0014650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008557	.0160467	.0006753	-.000160	.2104854	.0024735	.0002334
Stddev	.0003320	.0077996	.0000977	.000336	.0113446	.0008148	.0001244
%RSD	38.80130	48.60563	14.47230	210.3018	5.389735	32.94168	53.32477

#1	.0012066	.0073382	.0007336	-.000329	.2099903	.0032378	.0001056
#2	.0008140	.0184123	.0007299	-.000378	.1993965	.0016162	.0003542
#3	.0005465	.0223896	.0005625	.000227	.2220695	.0025665	.0002403

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368811	.0005453	.0001194	-.000305	-.000108	.0066744	.0028227
Stddev	.0193744	.0004593	.0004930	.000975	.000400	.0062869	.0020299
%RSD	14.15415	84.23403	412.7870	319.8322	371.6680	94.19435	71.91073

#1	.1217404	.0008576	-.000094	-.001373	.000210	.0057538	.0051658
#2	.1587146	.0000179	-.000231	-.000078	.000024	.0008985	.0017030
#3	.1301884	.0007603	.000683	.000537	-.000556	.0133707	.0015993

Sample Name: CCB03 Acquired: 1/16/2025 21:10:24 Type: Unk
Method: NON EPA-6010-200.7(v2490) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0041325	-.000278	.0000037
Stddev	.0030221	.000305	.0000321
%RSD	73.13036	109.8318	864.3108

#1	.0058991	-.000582	-.000016
#2	.0058554	.000029	.000041
#3	.0006429	-.000281	-.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2889.998	55811.75	10554.63	1965.951	4387.264
Stddev	7.899	316.61	72.32	5.096	8.424
%RSD	.2733285	.5672768	.6852288	.2591970	.1920063

#1	2894.426	55757.32	10481.21	1961.033	4395.065
#2	2894.689	56152.04	10625.80	1965.613	4388.396
#3	2880.878	55525.89	10556.88	1971.208	4378.332