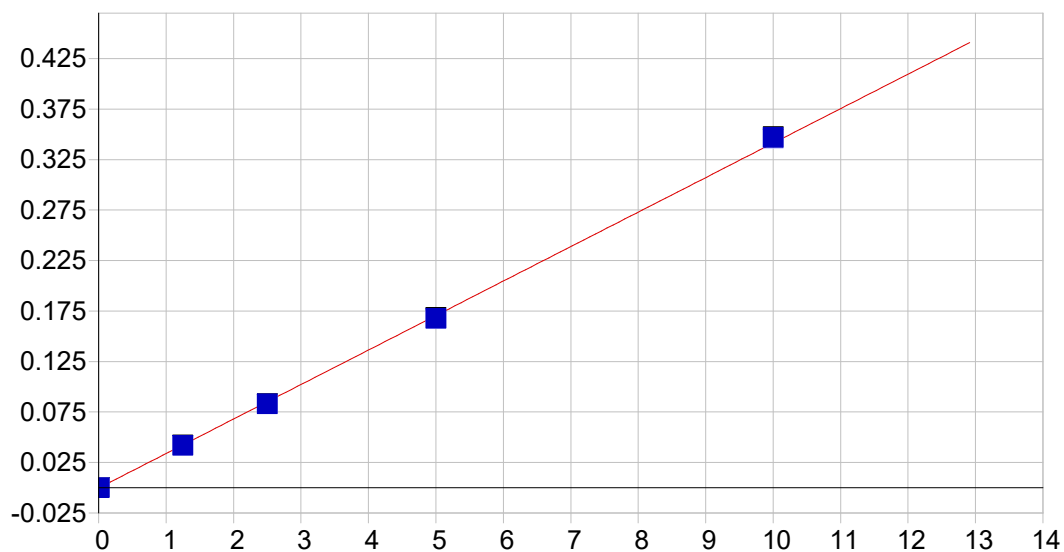


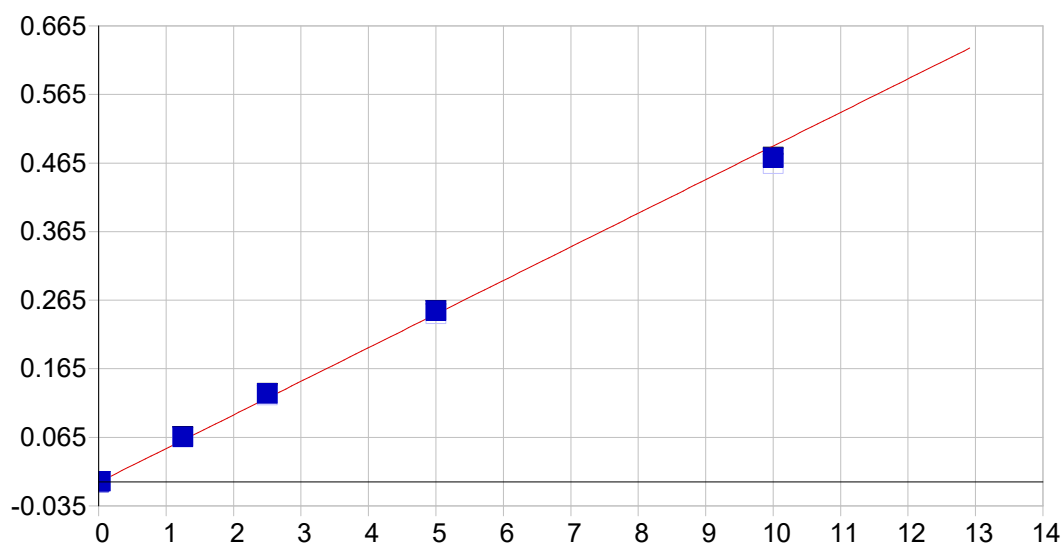


As 189.042 {479}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000284	Re-Slope:	1.000000
A1 (Gain):	0.034157	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.004408		
Predicted MQL:	0.014692		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00028	.000	1
S1	.01000	.01285	.003	28.5	.00015	.000	1
S2	1.2500	1.2374	-.013	-1.01	.04188	.000	1
S3	2.5000	2.4360	-.064	-2.56	.08272	.000	1
S4	5.0000	4.9167	-.083	-1.67	.16725	.001	1
S5	10.000	10.157	.157	1.57	.34585	.001	1

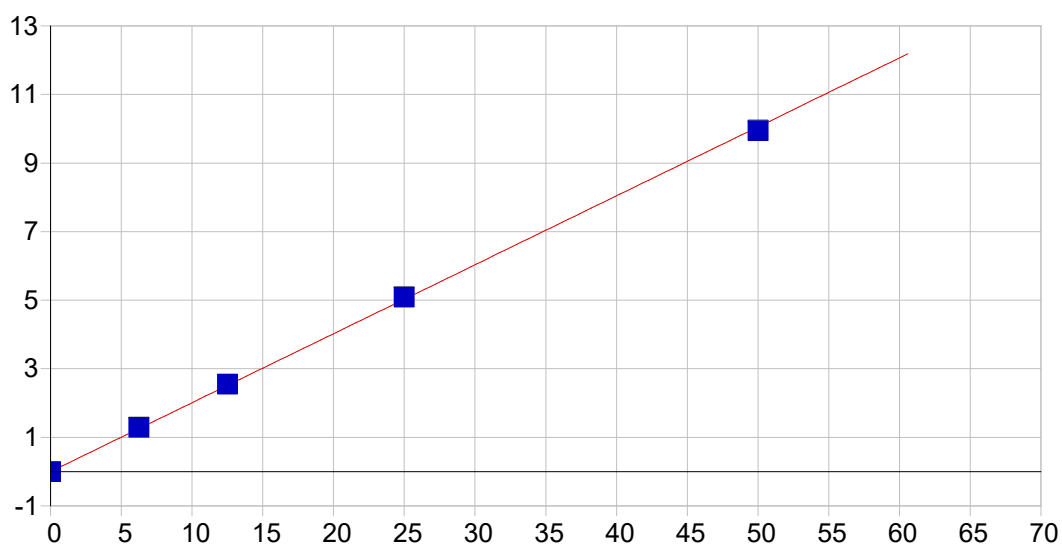


TI 190.856 {477}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000418 Re-Slope: 1.000000
 A1 (Gain): 0.049020 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999156 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002813
 Predicted MQL: 0.009377

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00042	.000	1
S1	.02500	.02890	.004	15.6	.00095	.000	1
S2	1.2500	1.3538	.104	8.30	.06481	.000	1
S3	2.5000	2.6371	.137	5.49	.12659	.000	1
S4	5.0000	5.0993	.099	1.99	.24503	.000	1
S5	10.000	9.6560	-.344	-3.44	.46388	.001	1

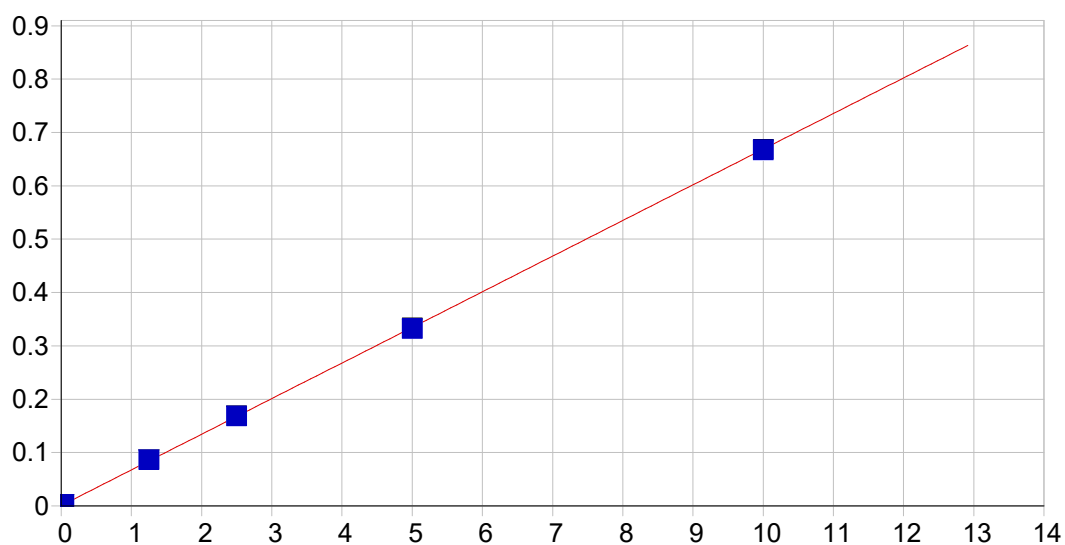


Pb 220.353 {453}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000260 Re-Slope: 1.000000
 A1 (Gain): 0.201104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.001680
 Predicted MQL: 0.005600

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.01000	.01043	.000	4.27	.00184	.000	1
S2	6.2500	6.3958	.146	2.33	1.2862	.005	1
S3	12.500	12.644	.144	1.16	2.5431	.004	1
S4	25.000	25.283	.283	1.13	5.0852	.005	1
S5	50.000	49.427	-.573	-1.15	9.9417	.017	1

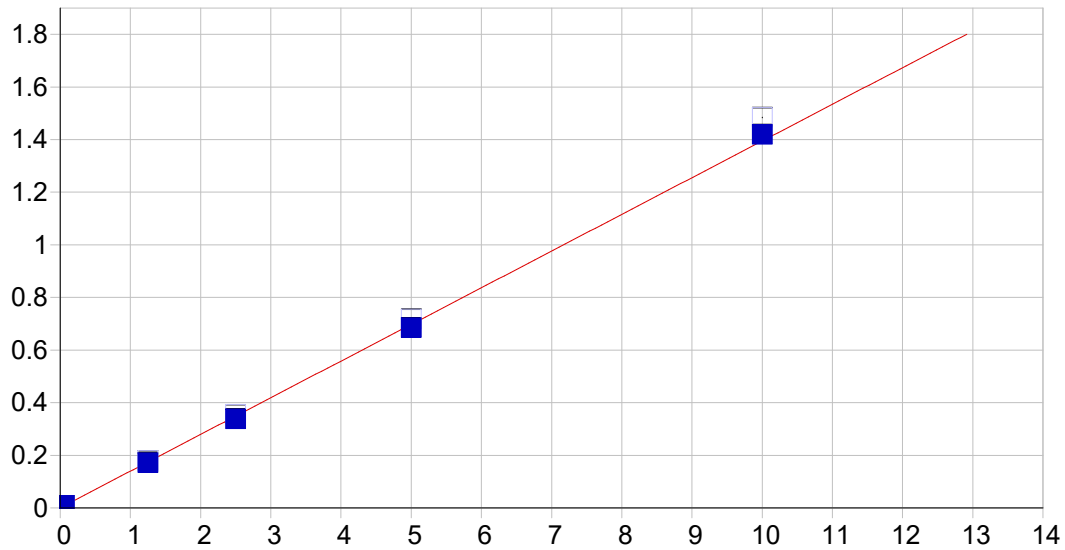


Se 196.090 {472}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000694	Re-Slope:	1.000000
A1 (Gain):	0.066797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999961	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.003275		
Predicted MQL:	0.010918		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00069	.000	1
S1	.03500	.03710	.002	6.01	.00317	.000	1
S2	1.2500	1.2864	.036	2.91	.08640	.000	1
S3	2.5000	2.5105	.011	.421	.16795	.000	1
S4	5.0000	4.9684	-.032	-.631	.33169	.001	1
S5	10.000	9.9825	-.017	-.175	.66573	.001	1

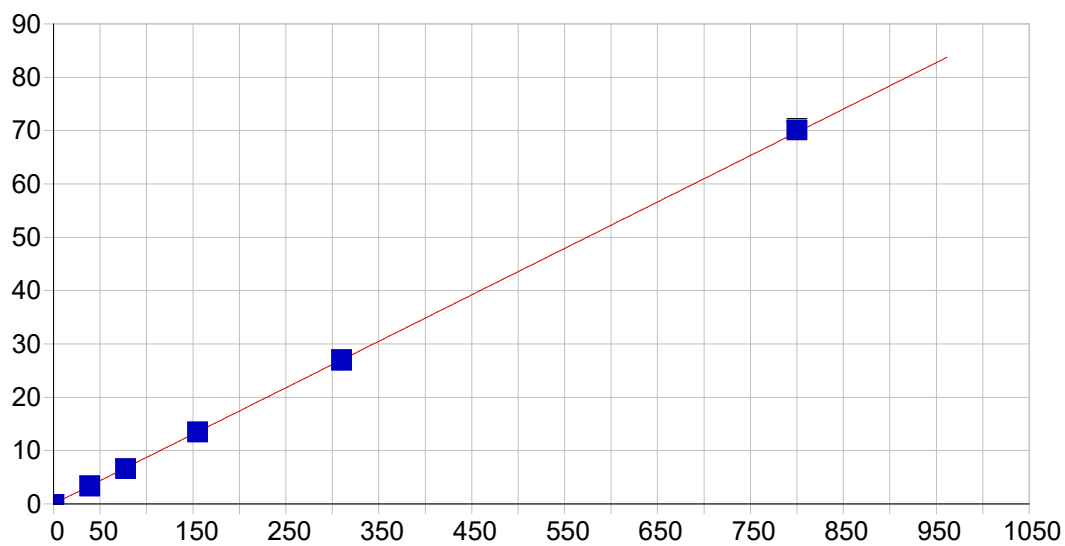


Sb 206.833 {463}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000346 Re-Slope: 1.000000
 A1 (Gain): 0.139423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.001764
 Predicted MQL: 0.005882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.06000	.06401	.004	6.69	.00928	.000	1
S2	1.2500	1.2280	-.022	-1.76	.17958	.000	1
S3	2.5000	2.4258	-.074	-2.97	.35460	.001	1
S4	5.0000	4.9125	-.087	-1.75	.71736	.001	1
S5	10.000	10.180	.180	1.80	1.4838	.001	1

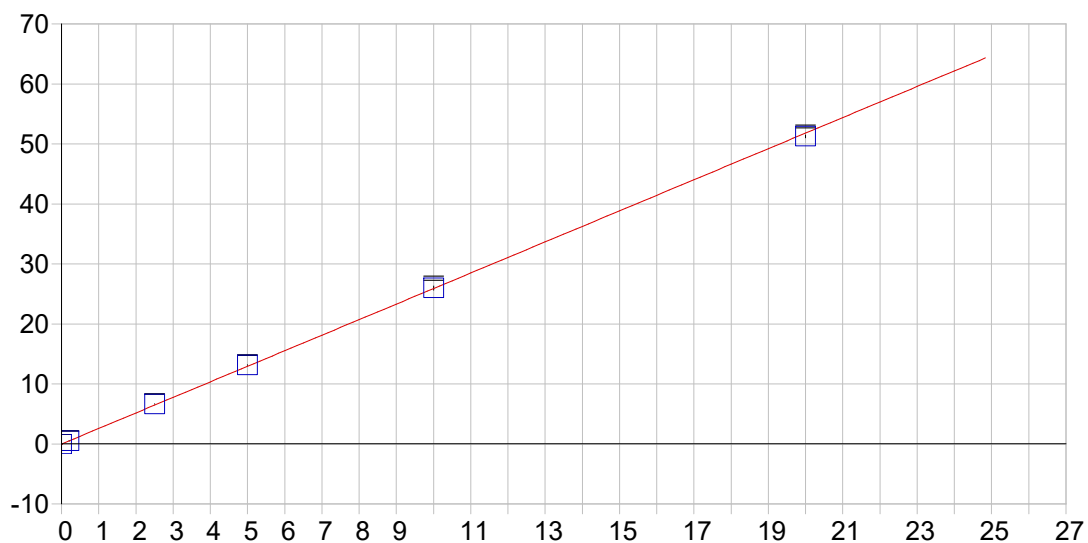


AI 396.152 { 85}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001336 Re-Slope: 1.000000
 A1 (Gain): 0.087097 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000450
 Predicted MDL: 0.005570
 Predicted MQL: 0.018565

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00134	.000	1
S1	.20000	.20941	.009	4.71	.01988	.000	1
S2	38.750	38.109	-.641	-1.66	3.3272	.013	1
S3	77.500	75.626	-1.87	-2.42	6.6016	.035	1
S4	155.00	153.97	-1.03	-.666	13.439	.052	1
S5	310.00	308.82	-1.18	-.380	26.953	.110	1
S6	800.00	804.72	4.72	.590	70.134	.252	1

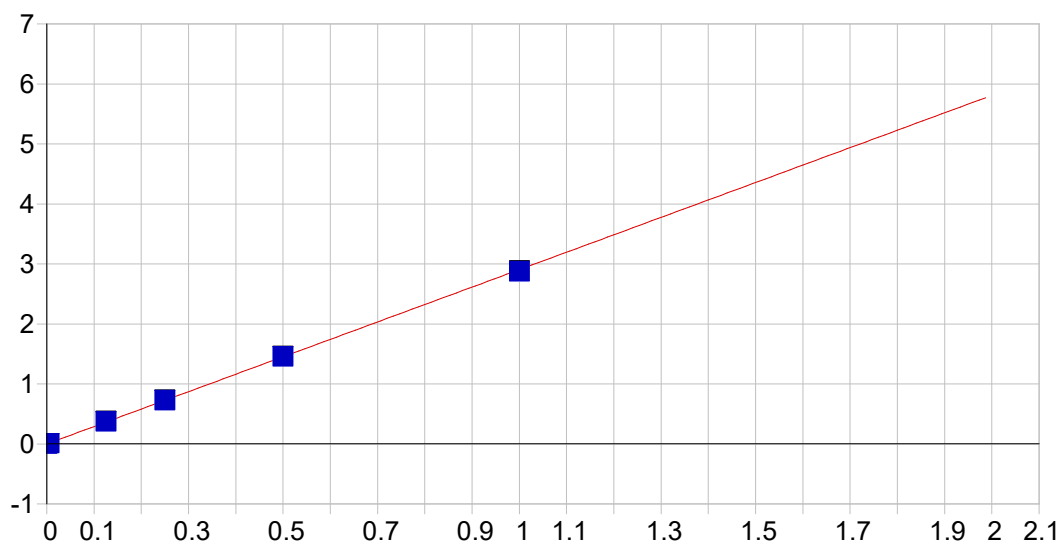


Ba 493.409 { 68}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.017720 Re-Slope: 1.000000
 A1 (Gain): 2.590937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.003539
 Predicted MDL: 0.000419
 Predicted MQL: 0.001396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.01776	.000	1
S1	.20000	.20711	.007	3.55	.51889	.001	1
S2	2.5000	2.5770	.077	3.08	6.6591	.021	1
S3	5.0000	5.0838	.084	1.68	13.154	.055	1
S4	10.000	10.036	.036	.355	25.984	.341	1
S5	20.000	19.797	-.203	-1.02	51.274	.241	1

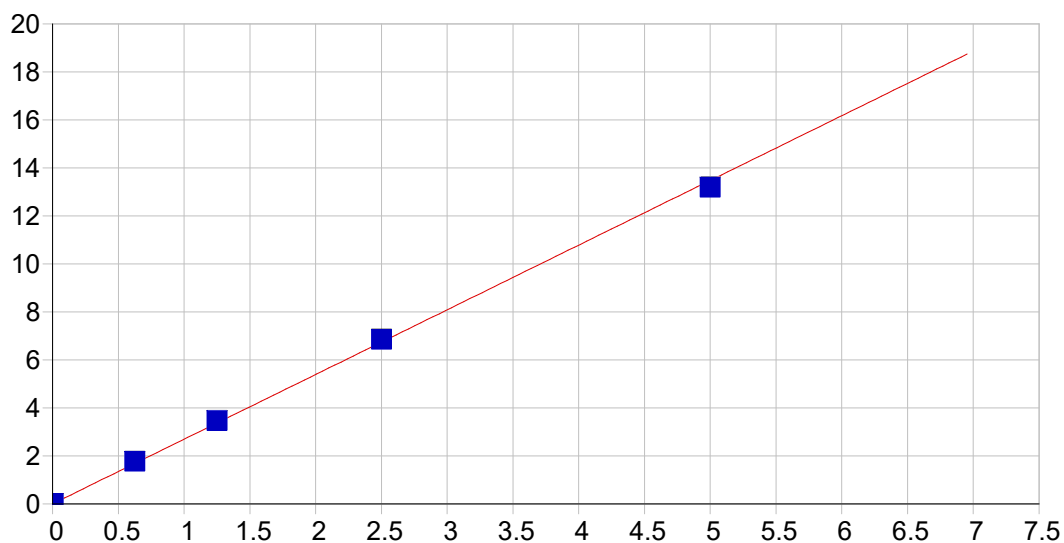


Be 234.861 {144}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000504	Re-Slope:	1.000000
A1 (Gain):	2.904633	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000132		
Predicted MDL:	0.000061		
Predicted MQL:	0.000203		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00051	.000	1
S1	.00500	.00544	.000	8.78	.01529	.000	1
S2	.12500	.12900	.004	3.20	.37300	.005	1
S3	.25000	.25163	.002	.651	.72797	.002	1
S4	.50000	.50291	.003	.582	1.4554	.005	1
S5	1.0000	.99102	-.009	-.898	2.8684	.012	1

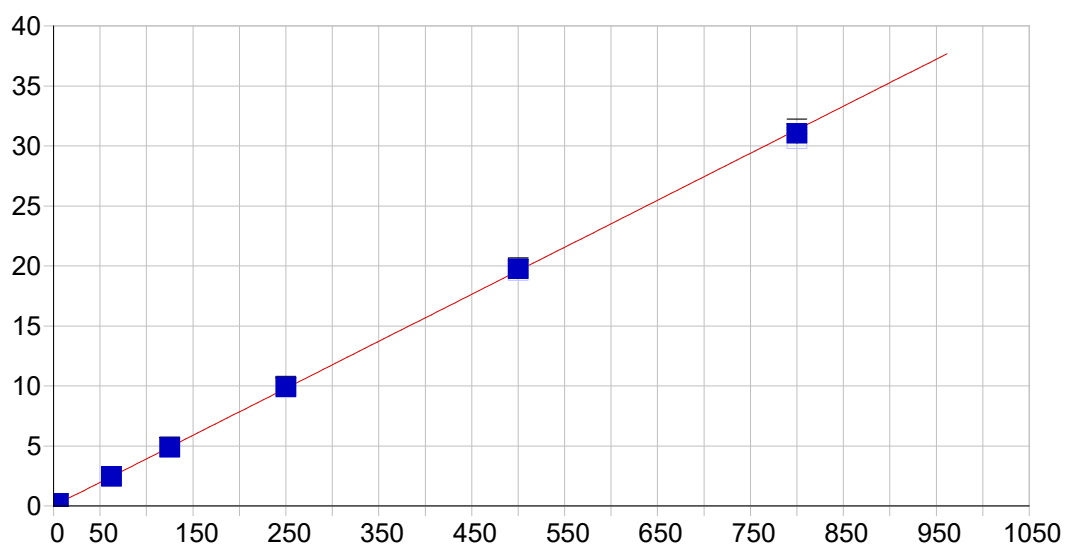


Cd 214.438 {457}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000642	Re-Slope:	1.000000
A1 (Gain):	2.695646	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999702	Status:	OK.
Std Error of Est:	0.000553		
Predicted MDL:	0.000088		
Predicted MQL:	0.000294		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00064	.000	1
S1	.00500	.00558	.001	11.7	.01570	.000	1
S2	.62500	.65524	.030	4.84	1.7695	.008	1
S3	1.2500	1.2871	.037	2.97	3.4753	.001	1
S4	2.5000	2.5402	.040	1.61	6.8586	.002	1
S5	5.0000	4.8919	-.108	-2.16	13.208	.017	1

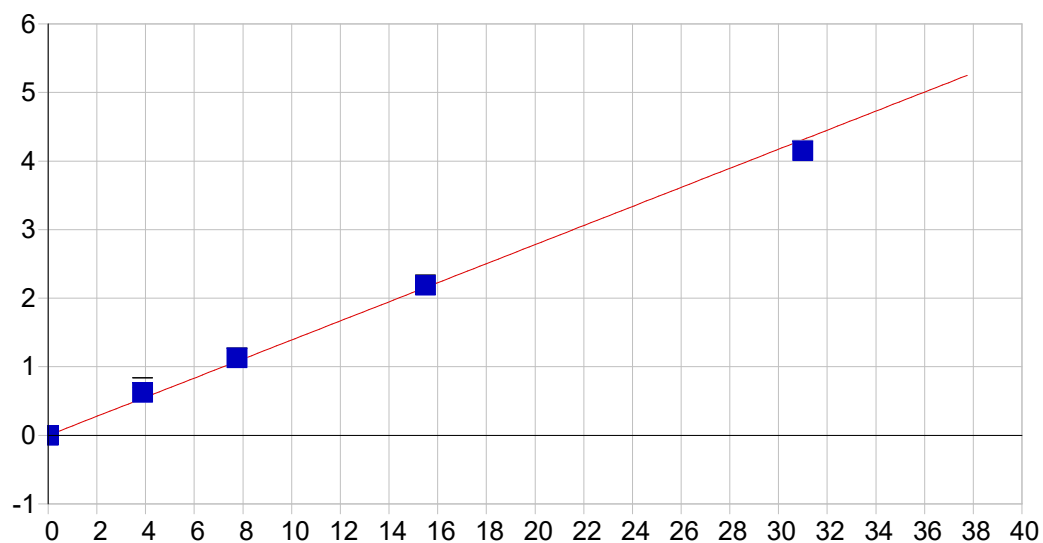


Ca 373.690 { 90}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001464 Re-Slope: 1.000000
 A1 (Gain): 0.039182 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.001588
 Predicted MDL: 0.011159
 Predicted MQL: 0.037196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00066	-.001	.000	.00144	.000	1
S1	5.0000	5.6344	.634	12.7	.22217	.000	1
S2	62.500	62.261	-.239	-.382	2.4191	.002	1
S3	125.00	124.75	-.251	-.201	4.8456	.017	1
S4	250.00	253.06	3.06	1.23	9.8294	.045	1
S5	500.00	504.49	4.49	.898	19.593	.065	1
S6	800.00	792.25	-7.75	-.968	30.577	.361	1

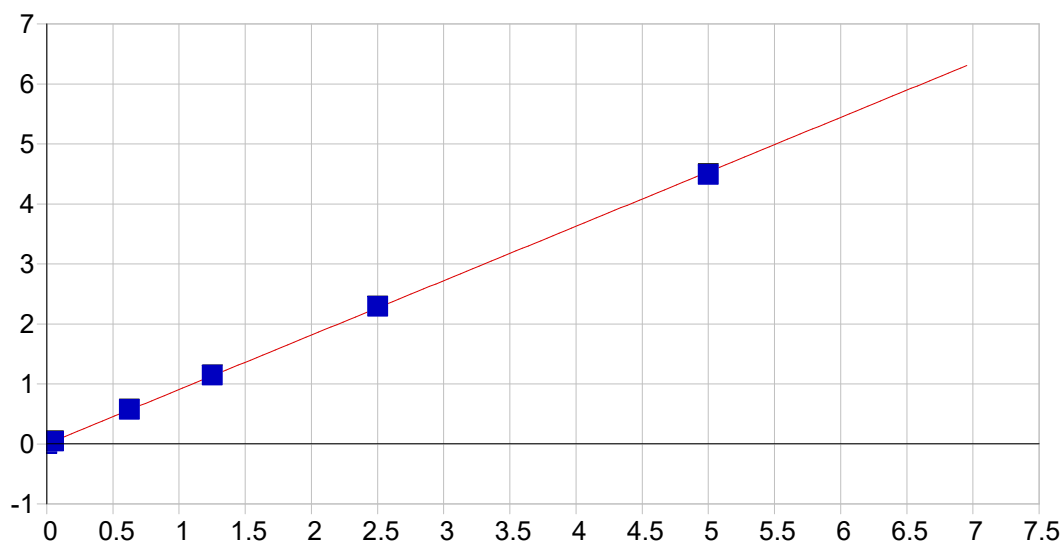


Cr 267.716 {126}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000038	Re-Slope:	1.000000
A1 (Gain):	0.139067	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998668	Status:	OK.
Std Error of Est:	0.000212		
Predicted MDL:	0.000451		
Predicted MQL:	0.001503		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01219	.002	21.9	.00166	.000	1
S2	3.8750	4.4722	.597	15.4	.62257	.070	1
S3	7.7500	8.0997	.350	4.51	1.1277	.001	1
S4	15.500	15.720	.220	1.42	2.1889	.004	1
S5	31.000	29.830	-1.17	-3.77	4.1538	.004	1

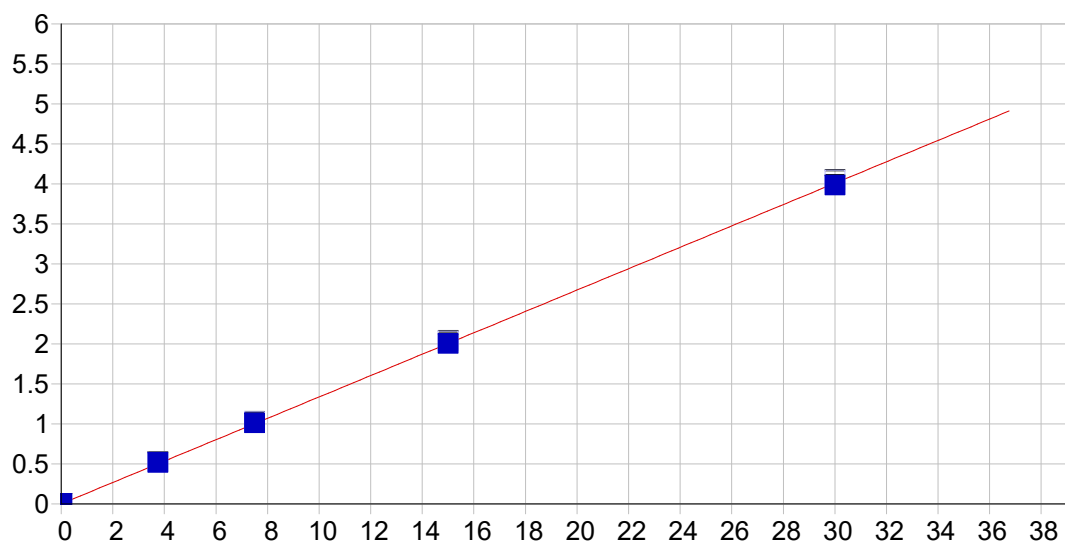


Co 228.616 {448}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.906934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000273
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.05000	.05258	.003	5.15	.04789	.000	1
S2	.62500	.63359	.009	1.37	.57557	.001	1
S3	1.2500	1.2634	.013	1.07	1.1477	.001	1
S4	2.5000	2.5267	.027	1.07	2.2952	.001	1
S5	5.0000	4.9487	-.051	-1.03	4.4954	.009	1

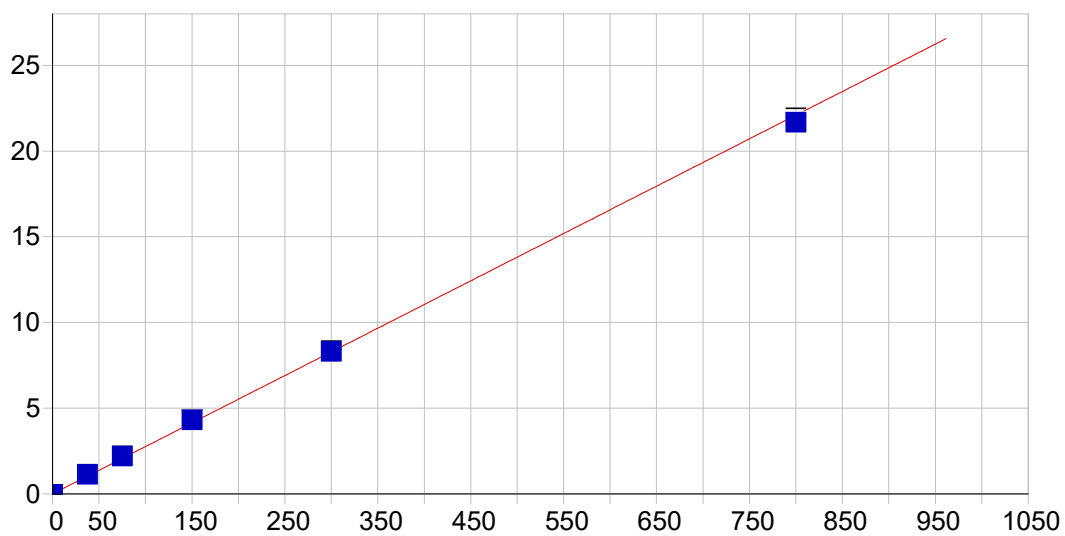


Cu 324.754 {104}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000791 Re-Slope: 1.000000
 A1 (Gain): 0.133610 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.001803
 Predicted MQL: 0.006010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00079	.000	1
S1	.02500	.02431	-.001	-2.78	.00471	.000	1
S2	3.7500	3.8701	.120	3.20	.52591	.002	1
S3	7.5000	7.5779	.078	1.04	1.0293	.002	1
S4	15.000	15.002	.002	.013	2.0374	.007	1
S5	30.000	29.801	-.199	-.664	4.0468	.008	1

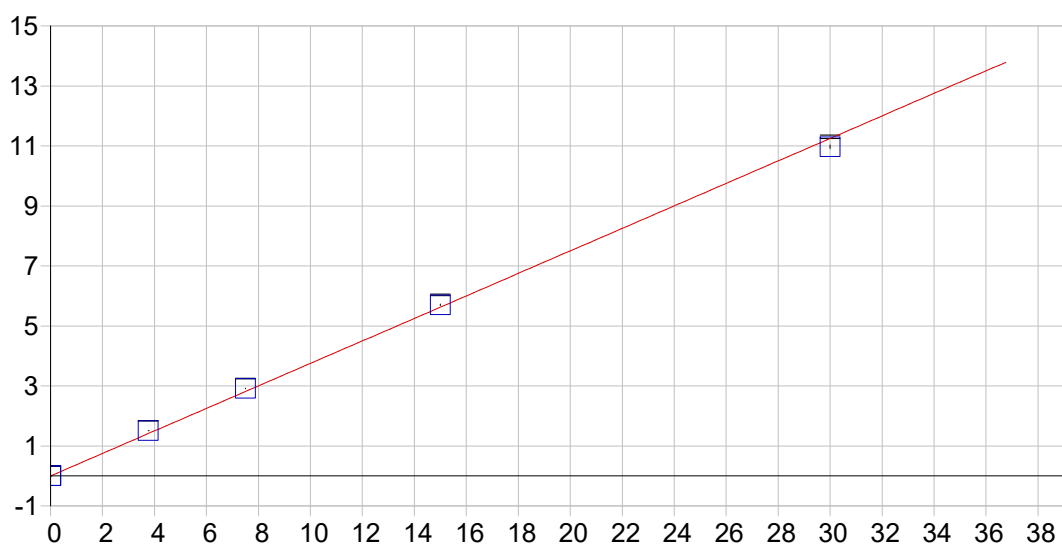


Fe 259.837 {130}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000182 Re-Slope: 1.000000
 A1 (Gain): 0.027618 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999570 Status: OK.
 Std Error of Est: 0.000354
 Predicted MDL: 0.005345
 Predicted MQL: 0.017817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00018	.000	1
S1	.10000	.11711	.017	17.1	.00353	.000	1
S2	37.500	41.108	3.61	9.62	1.1377	.001	1
S3	75.000	79.518	4.52	6.02	2.2006	.008	1
S4	150.00	156.37	6.37	4.25	4.3273	.019	1
S5	300.00	300.50	.501	.167	8.3165	.036	1
S6	800.00	784.97	-15.0	-1.88	21.707	.223	1

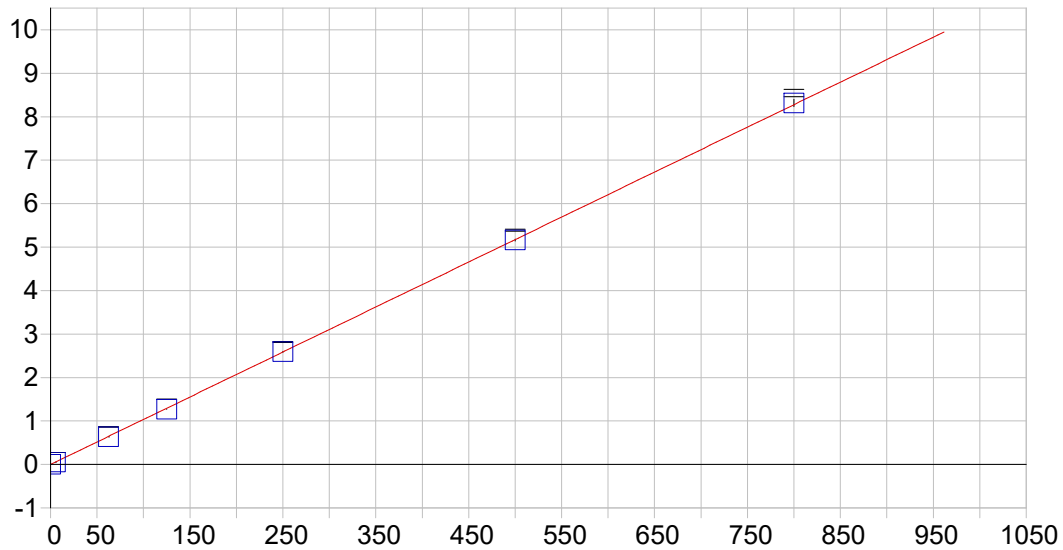


Mn 257.610 {131}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000057	Re-Slope:	1.000000
A1 (Gain):	0.375021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999546	Status:	OK.
Std Error of Est:	0.000402		
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	.00006	.000	1
S1	.01500	.01836	.003	22.4	.00694	.000	1
S2	3.7500	4.0210	.271	7.23	1.5080	.003	1
S3	7.5000	7.7657	.266	3.54	2.9123	.010	1
S4	15.000	15.205	.205	1.37	5.7024	.023	1
S5	30.000	29.254	-.746	-2.49	10.971	.058	1

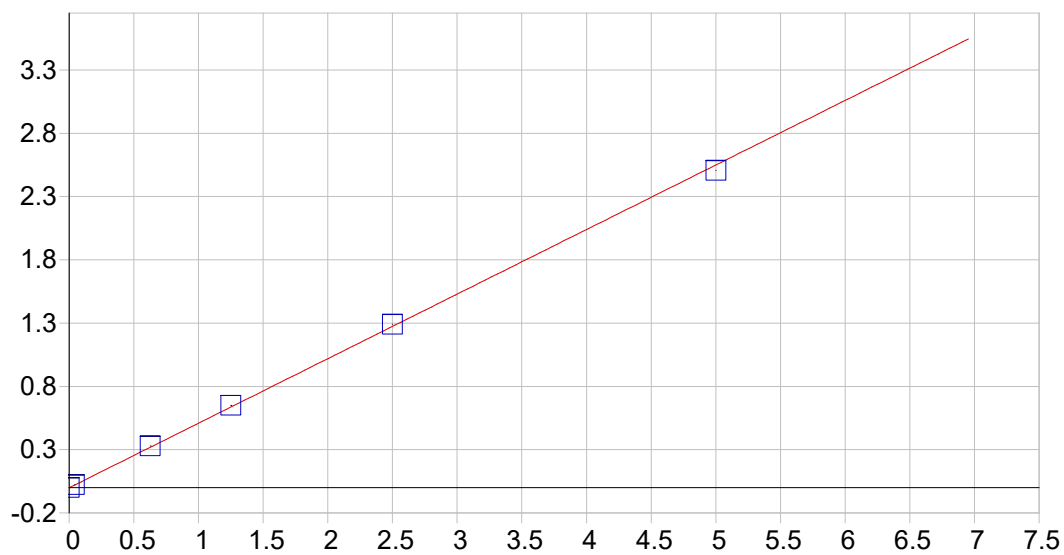


Mg 279.079 {121}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000136 Re-Slope: 1.000000
 A1 (Gain): 0.010348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000274
 Predicted MDL: 0.017173
 Predicted MQL: 0.057244

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	-.00014	.000	1
S1	5.0000	5.3456	.346	6.91	.05518	.000	1
S2	62.500	61.431	-1.07	-1.71	.63554	.001	1
S3	125.00	122.78	-2.22	-1.77	1.2704	.004	1
S4	250.00	250.24	.237	.095	2.5892	.013	1
S5	500.00	499.02	-.978	-.196	5.1636	.020	1
S6	800.00	803.68	3.68	.460	8.3161	.084	1

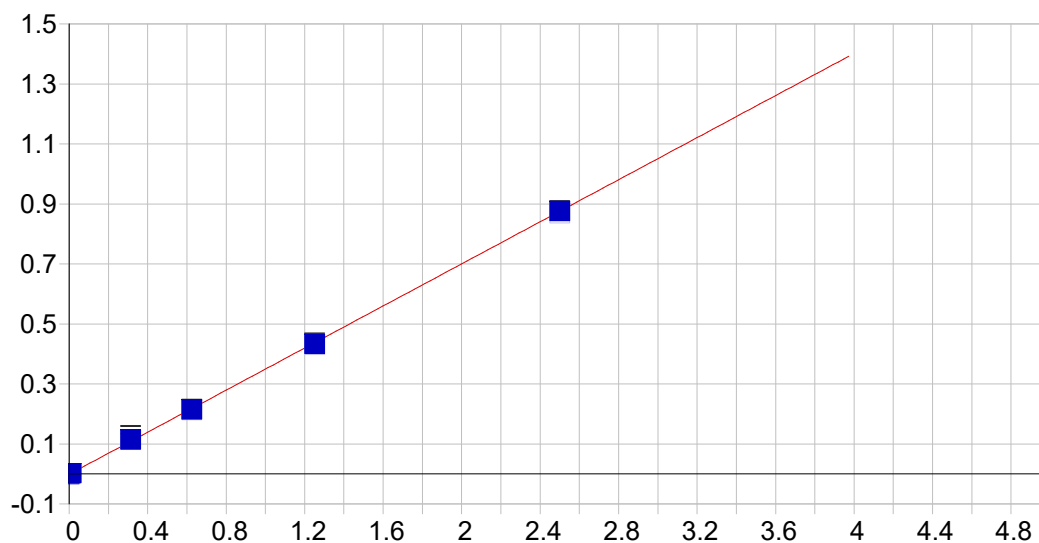


Ni 231.604 {446}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001148 Re-Slope: 1.000000
 A1 (Gain): 0.510096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796 Status: OK.
 Std Error of Est: 0.000245
 Predicted MDL: 0.000459
 Predicted MQL: 0.001530

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00115	.000	1
S1	.04000	.04554	.006	13.8	.02208	.000	1
S2	.62500	.64625	.021	3.40	.32850	.001	1
S3	1.2500	1.2753	.025	2.02	.64936	.000	1
S4	2.5000	2.5323	.032	1.29	1.2906	.001	1
S5	5.0000	4.9157	-.084	-1.69	2.5063	.001	1

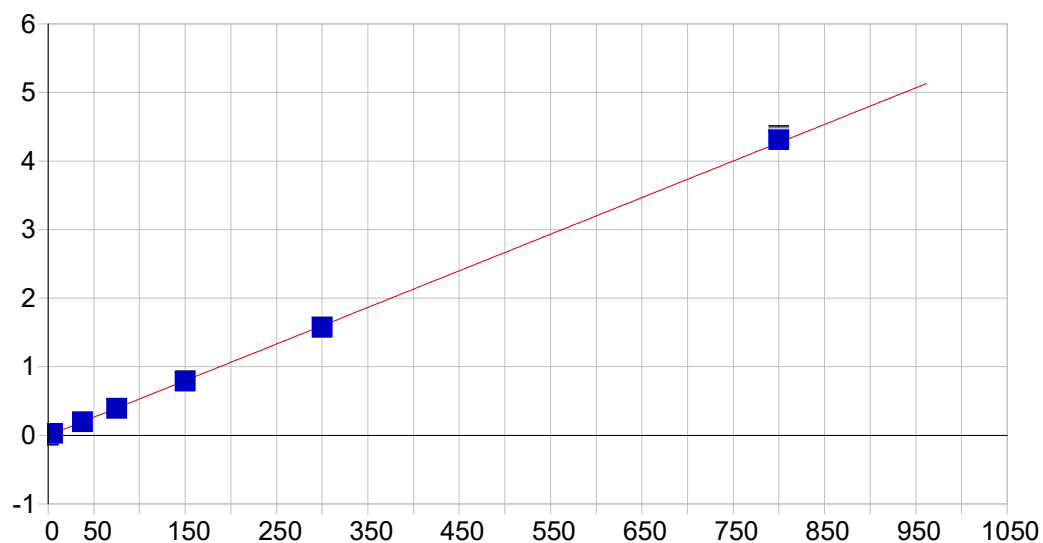


Ag 328.068 {103}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001292 Re-Slope: 1.000000
 A1 (Gain): 0.350695 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999864 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.000331
 Predicted MQL: 0.001103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00129	.000	1
S1	.01000	.01110	.001	11.0	.00257	.000	1
S2	.31250	.32931	.017	5.38	.11326	.013	1
S3	.62500	.61514	-.010	-1.58	.21256	.001	1
S4	1.2500	1.2403	-.010	-.774	.42993	.003	1
S5	2.5000	2.5016	.002	.065	.86851	.001	1

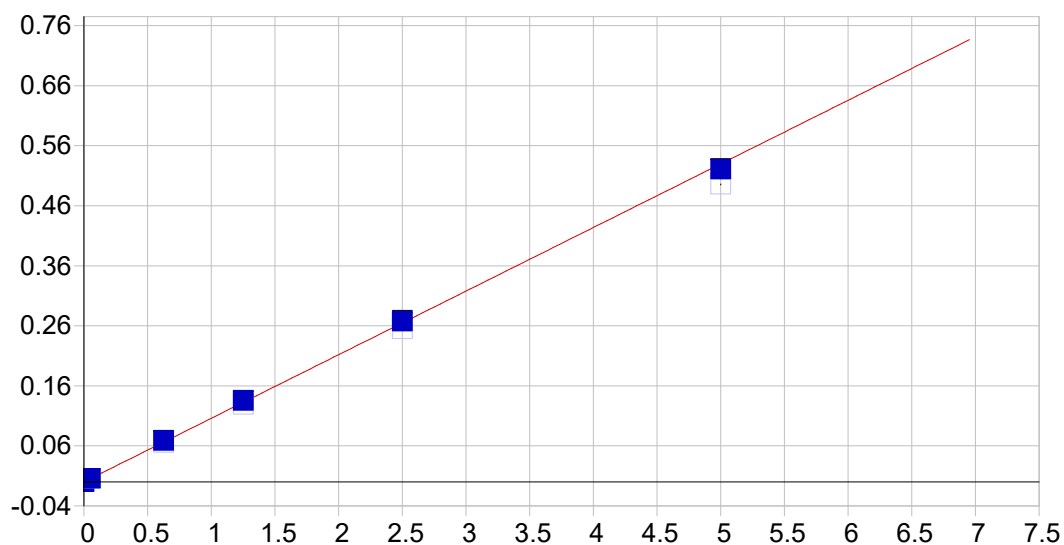


Na 818.326 { 41}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002912	Re-Slope:	1.000000
A1 (Gain):	0.005338	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999916	Status:	OK.
Std Error of Est:	0.000214		
Predicted MDL:	0.172380		
Predicted MQL:	0.574600		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	-.00291	.000	1
S1	5.0000	5.3626	.363	7.25	.02572	.000	1
S2	37.500	37.403	-.097	-.258	.19765	.000	1
S3	75.000	73.611	-1.39	-1.85	.39182	.002	1
S4	150.00	148.35	-1.65	-1.10	.79258	.003	1
S5	300.00	294.98	-5.02	-1.67	1.5789	.004	1
S6	800.00	807.80	7.80	.975	4.3284	.042	1

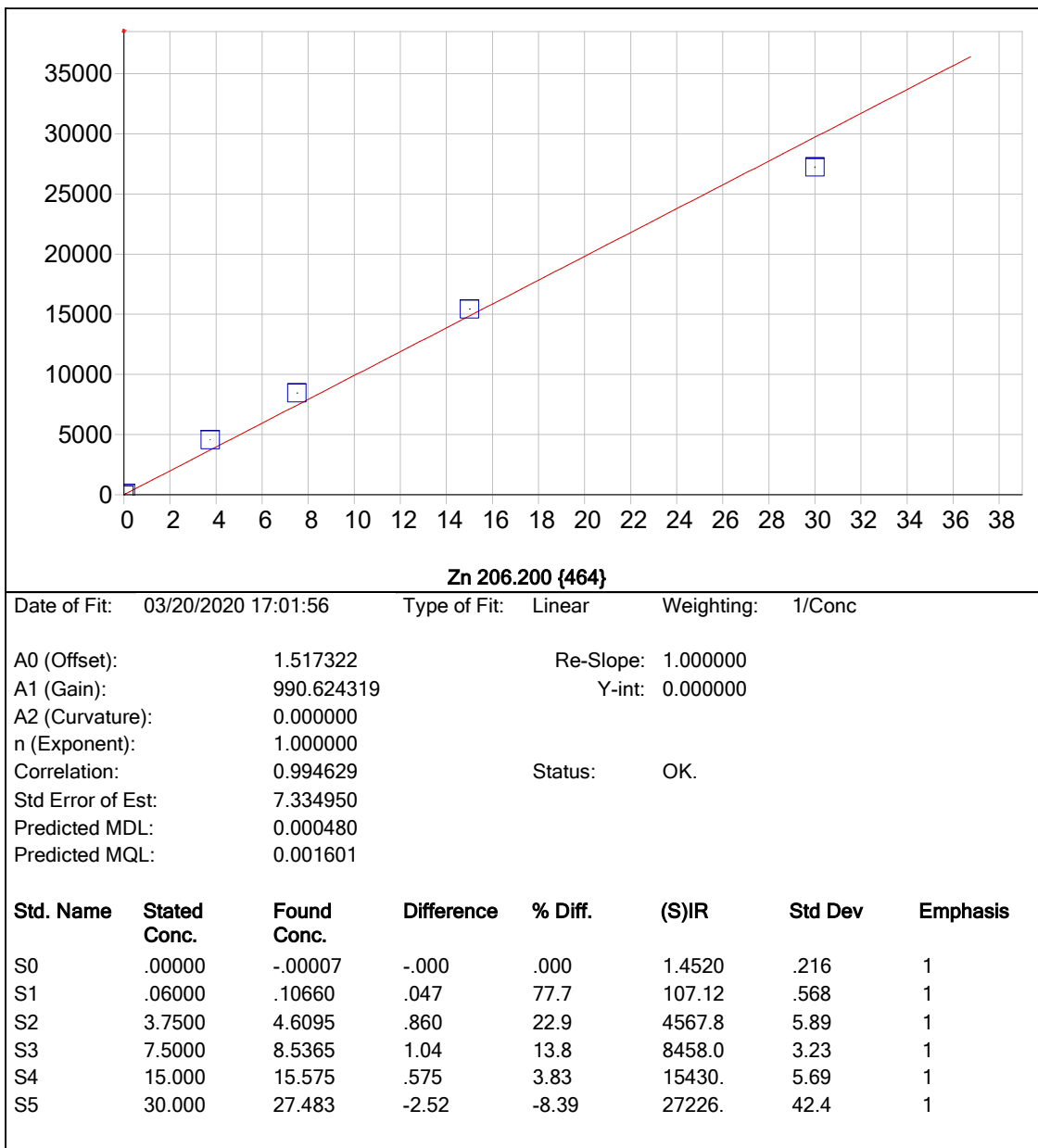


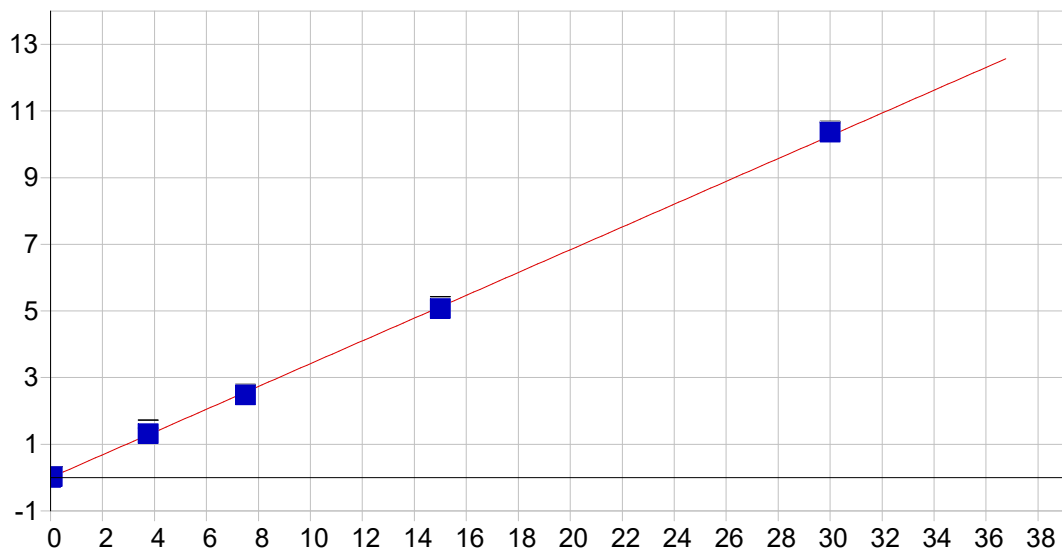
V 292.402 {115}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000033	Re-Slope:	1.000000
A1 (Gain):	0.105941	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999790	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.001920		
Predicted MQL:	0.006400		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00003	.000	1
S1	.05000	.05377	.004	7.54	.00565	.000	1
S2	.62500	.65079	.026	4.13	.06574	.000	1
S3	1.2500	1.2768	.027	2.15	.12889	.001	1
S4	2.5000	2.5265	.027	1.06	.25493	.002	1
S5	5.0000	4.9169	-.083	-1.66	.49548	.001	1



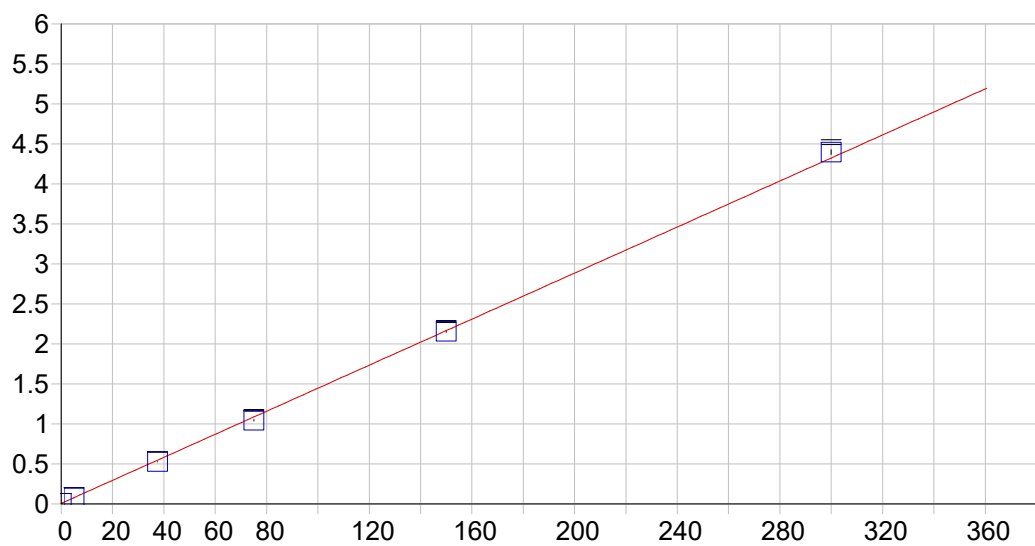


Zn 213.856 {158}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000249 Re-Slope: 1.000000
 A1 (Gain): 0.341880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.002115
 Predicted MQL: 0.007049

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00025	.001	1
S1	.06000	.07295	.013	21.6	.02475	.001	1
S2	3.7500	3.8344	.084	2.25	1.3128	.119	1
S3	7.5000	7.2514	-.249	-3.32	2.4830	.021	1
S4	15.000	14.841	-.159	-1.06	5.0820	.057	1
S5	30.000	30.310	.310	1.03	10.379	.021	1

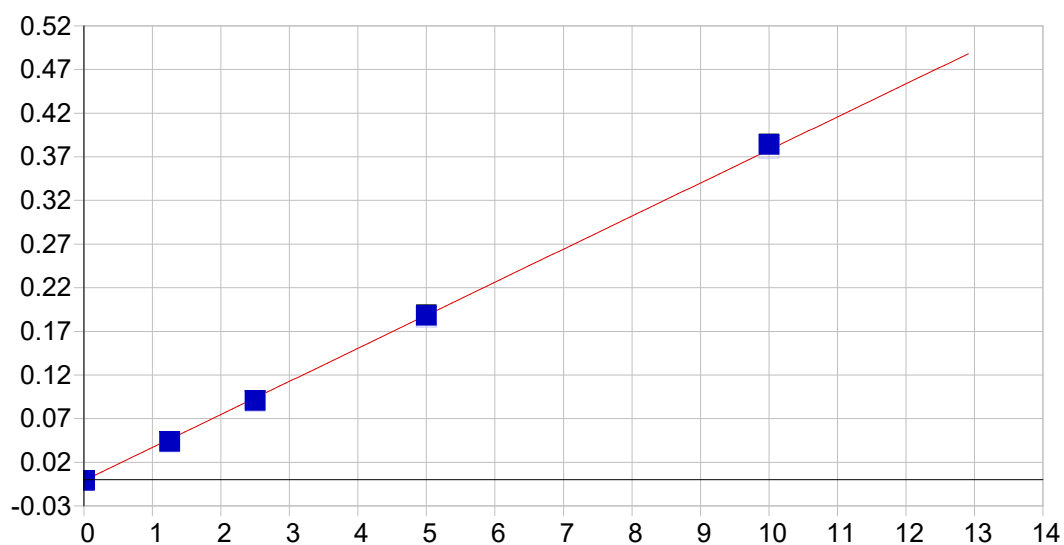


K 769.896 { 44 }

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007073 Re-Slope: 1.000000
 A1 (Gain): 0.014391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000619
 Predicted MDL: 0.055251
 Predicted MQL: 0.184172

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	.00708	.001	1
S1	5.0000	4.8940	-.106	-2.12	.07750	.001	1
S2	37.500	36.125	-1.37	-3.67	.52695	.002	1
S3	75.000	72.175	-2.82	-3.77	1.0457	.009	1
S4	150.00	149.28	-.723	-.482	2.1553	.013	1
S5	300.00	305.03	5.03	1.68	4.3967	.030	1

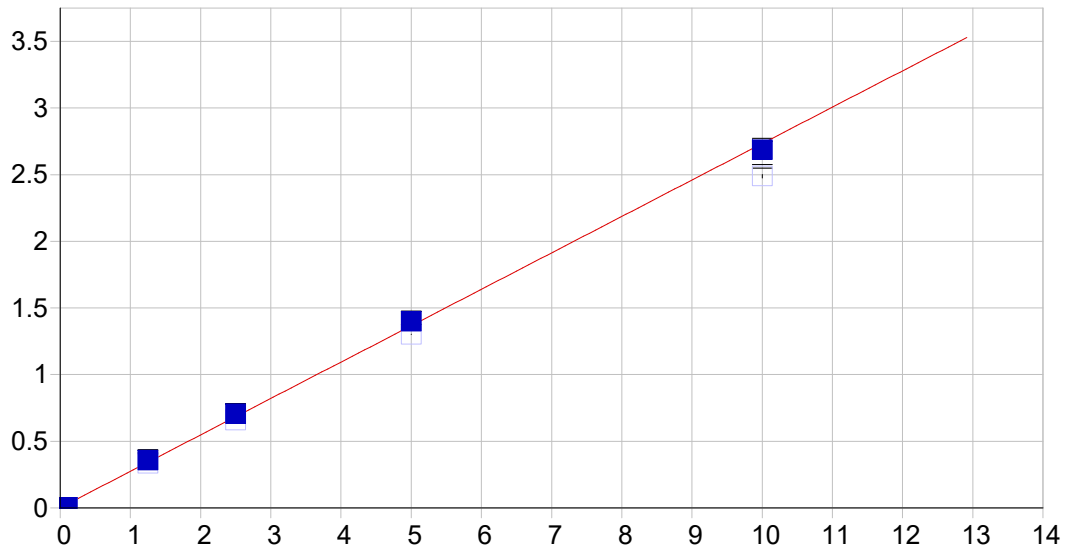


P 177.495 {490}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000975 Re-Slope: 1.000000
 A1 (Gain): 0.037882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999738 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003058
 Predicted MQL: 0.010193

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00097	.000	1
S1	.01000	.00974	-.000	-2.64	-.00061	.000	1
S2	1.2500	1.1769	-.073	-5.85	.04308	.000	1
S3	2.5000	2.4182	-.082	-3.27	.08957	.000	1
S4	5.0000	4.9930	-.007	-.141	.18605	.001	1
S5	10.000	10.162	.162	1.62	.37974	.001	1

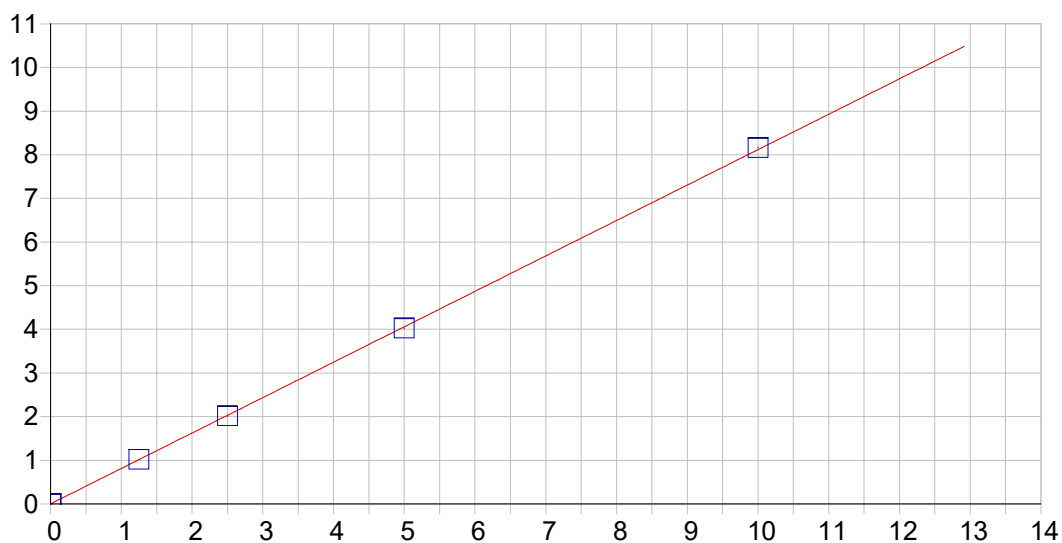


B 249.678 {135}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001208 Re-Slope: 1.000000
 A1 (Gain): 0.273177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997221 Status: OK.
 Std Error of Est: 0.001006
 Predicted MDL: 0.000756
 Predicted MQL: 0.002520

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00123	.000	1
S1	.10000	.01108	-.089	-88.9	.00418	.000	1
S2	1.2500	1.3094	.059	4.75	.33412	.004	1
S3	2.5000	2.5828	.083	3.31	.65719	.001	1
S4	5.0000	5.1224	.122	2.45	1.3014	.001	1
S5	10.000	9.8311	-.169	-1.69	2.4886	.013	1

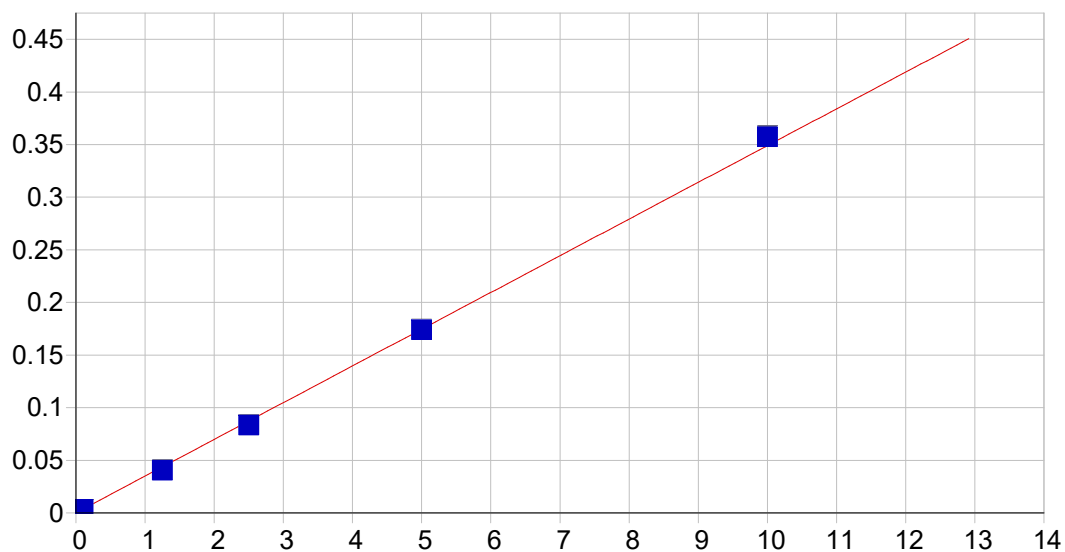


Mo 202.030 {467}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000374	Re-Slope:	1.000000
A1 (Gain):	0.811668	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000088		
Predicted MDL:	0.000304		
Predicted MQL:	0.001012		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.01000	.01052	.001	5.23	.00892	.000	1
S2	1.2500	1.2545	.004	.357	1.0186	.000	1
S3	2.5000	2.4806	-.019	-.776	2.0138	.001	1
S4	5.0000	4.9610	-.039	-.779	4.0271	.007	1
S5	10.000	10.053	.053	.534	8.1604	.008	1

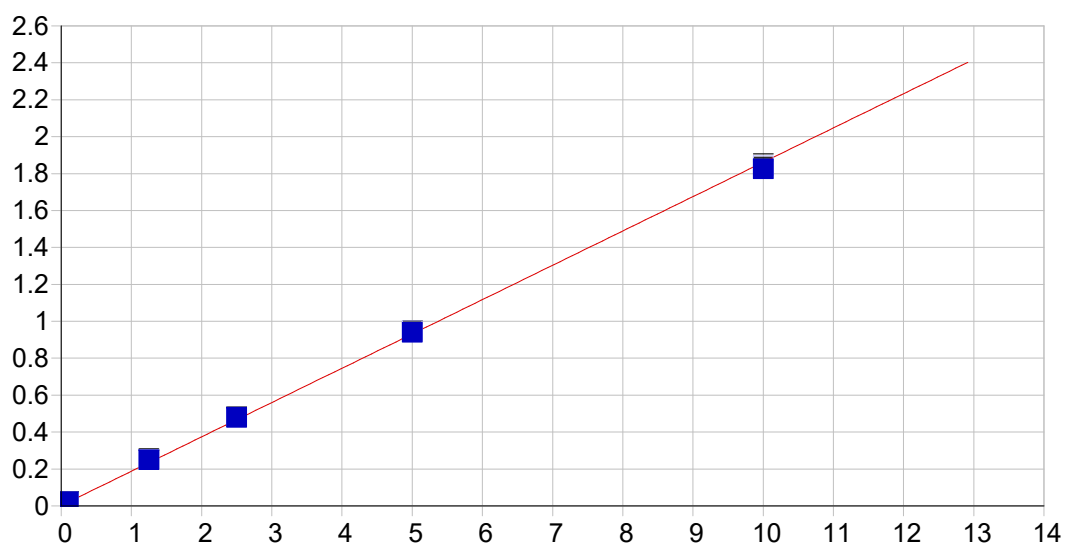


S 182.034 {485}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000130	Re-Slope:	1.000000
A1 (Gain):	0.034891	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999505	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.004007		
Predicted MQL:	0.013356		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00013	.000	1
S1	.10000	.09108	-.009	-8.92	.00331	.000	1
S2	1.2500	1.1582	-.092	-7.34	.04063	.000	1
S3	2.5000	2.3838	-.116	-4.65	.08349	.000	1
S4	5.0000	4.9774	-.023	-.452	.17416	.001	1
S5	10.000	10.239	.239	2.39	.35813	.000	1

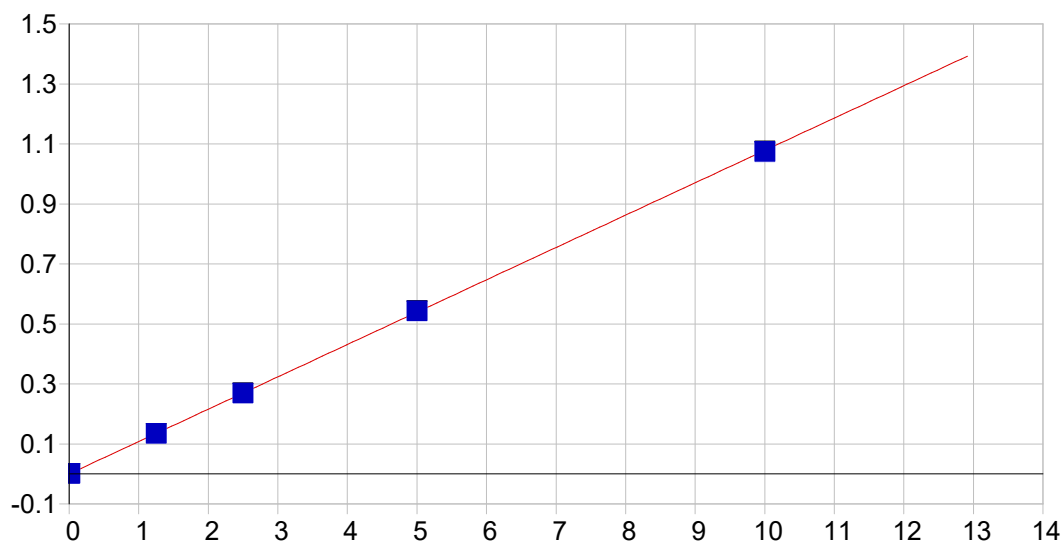


Si 251.611 {134}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001959 Re-Slope: 1.000000
 A1 (Gain): 0.185917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999687 Status: OK.
 Std Error of Est: 0.000249
 Predicted MDL: 0.001003
 Predicted MQL: 0.003343

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00196	.000	1
S1	.10000	.10932	.009	9.32	.02235	.000	1
S2	1.2500	1.3343	.084	6.74	.25208	.003	1
S3	2.5000	2.5590	.059	2.36	.48183	.001	1
S4	5.0000	5.0405	.041	.810	.94730	.001	1
S5	10.000	9.8070	-.193	-1.93	1.8417	.010	1

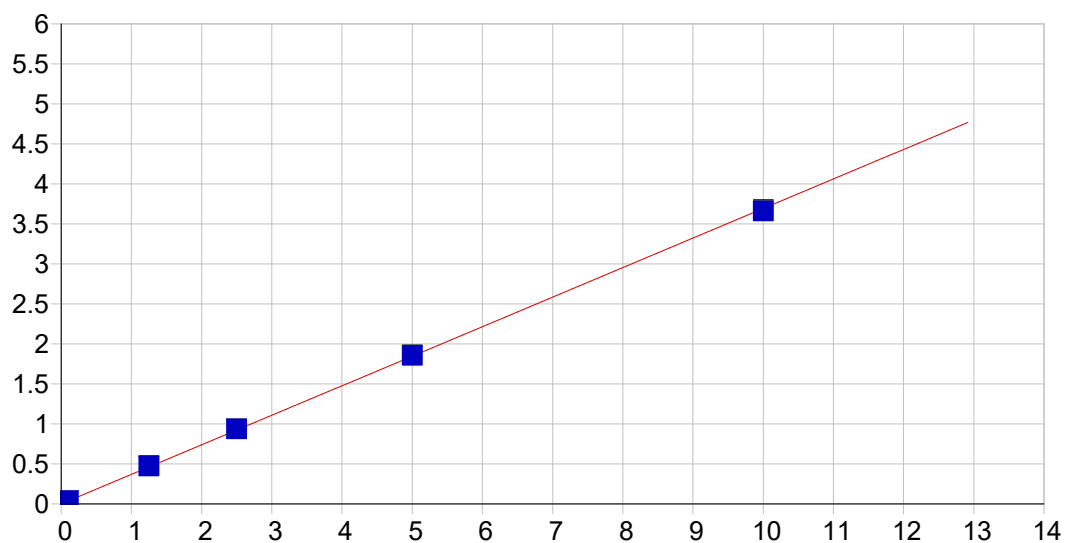


Sn 189.989 {478}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.107821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000008
 Predicted MDL: 0.001239
 Predicted MQL: 0.004130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.00700	.00771	.001	10.2	.00087	.000	1
S2	1.2500	1.2472	-.003	-.225	.13425	.000	1
S3	2.5000	2.4976	-.002	-.095	.26880	.001	1
S4	5.0000	5.0393	.039	.787	.54229	.001	1
S5	10.000	9.9651	-.035	-.349	1.0723	.002	1

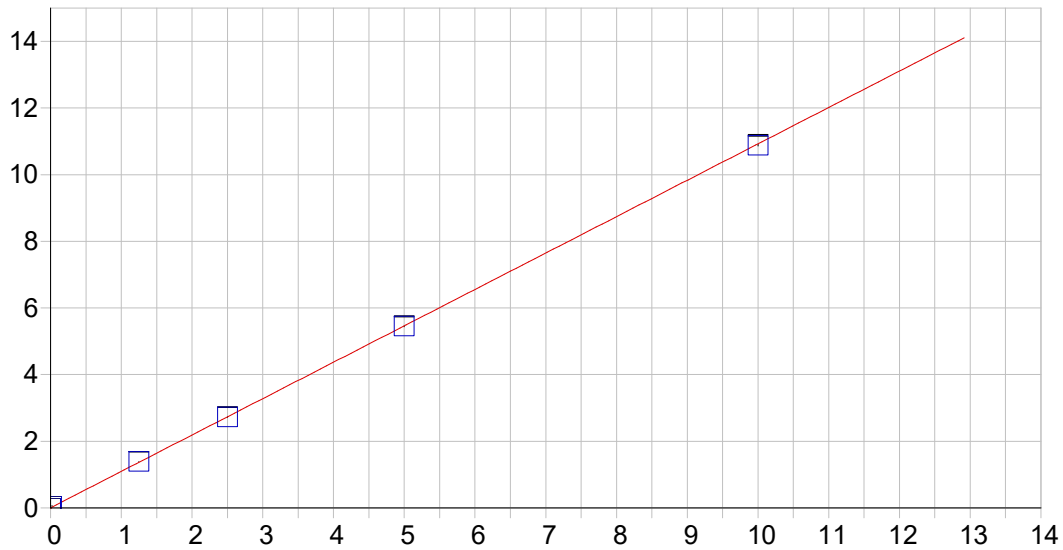


Ti 336.121 {100}

Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000170 Re-Slope: 1.000000
 A1 (Gain): 0.369318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.000818
 Predicted MQL: 0.002726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00017	.000	1
S1	.10000	.10549	.005	5.49	.03912	.000	1
S2	1.2500	1.2801	.030	2.41	.47279	.002	1
S3	2.5000	2.5325	.032	1.30	.93515	.002	1
S4	5.0000	5.0201	.020	.402	1.8535	.007	1
S5	10.000	9.9118	-.088	-.882	3.6595	.014	1

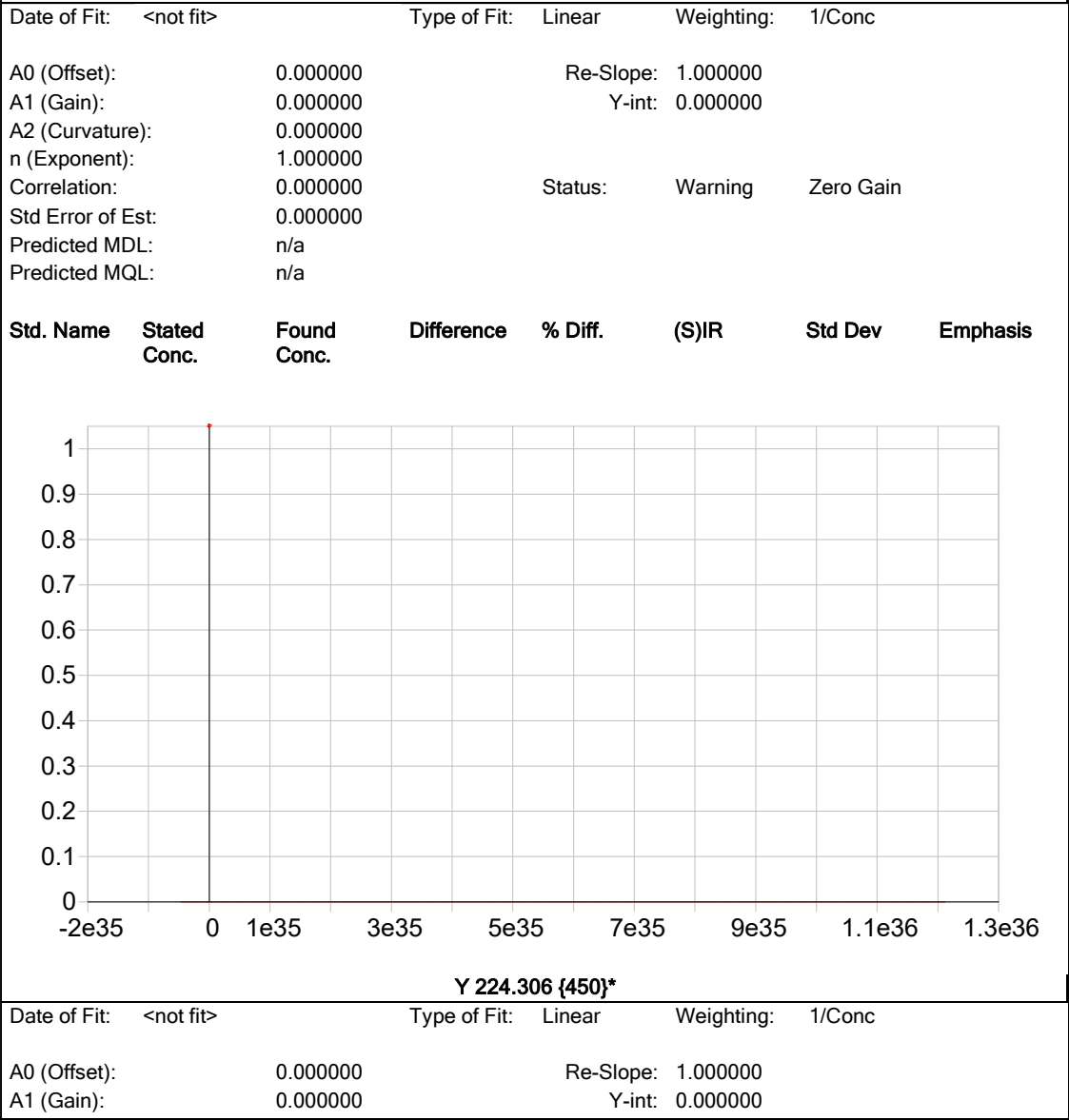
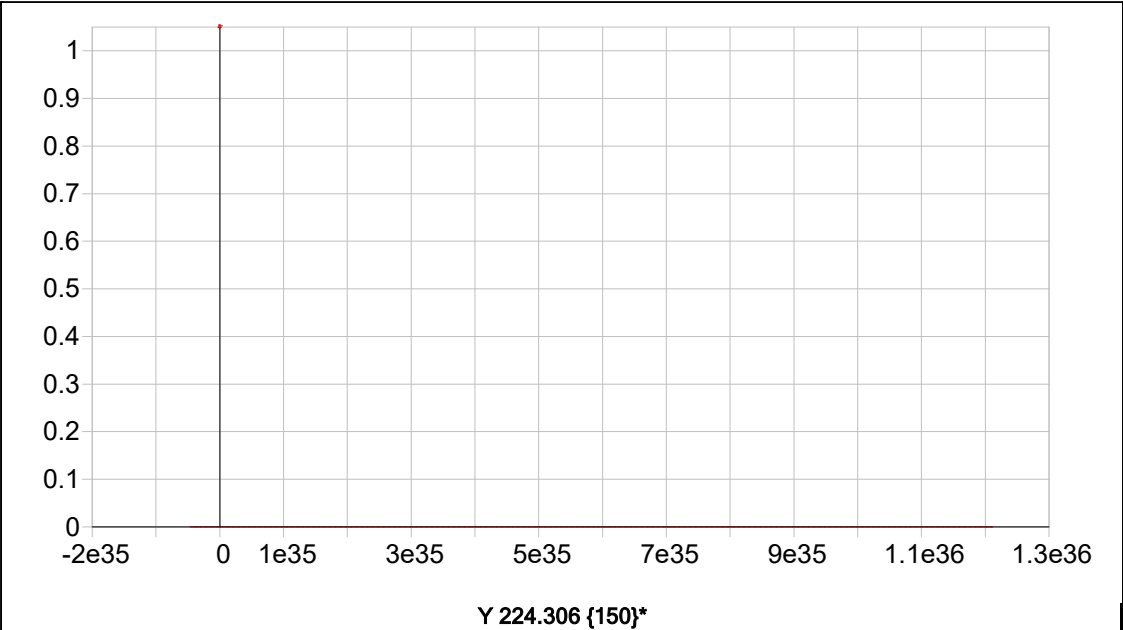


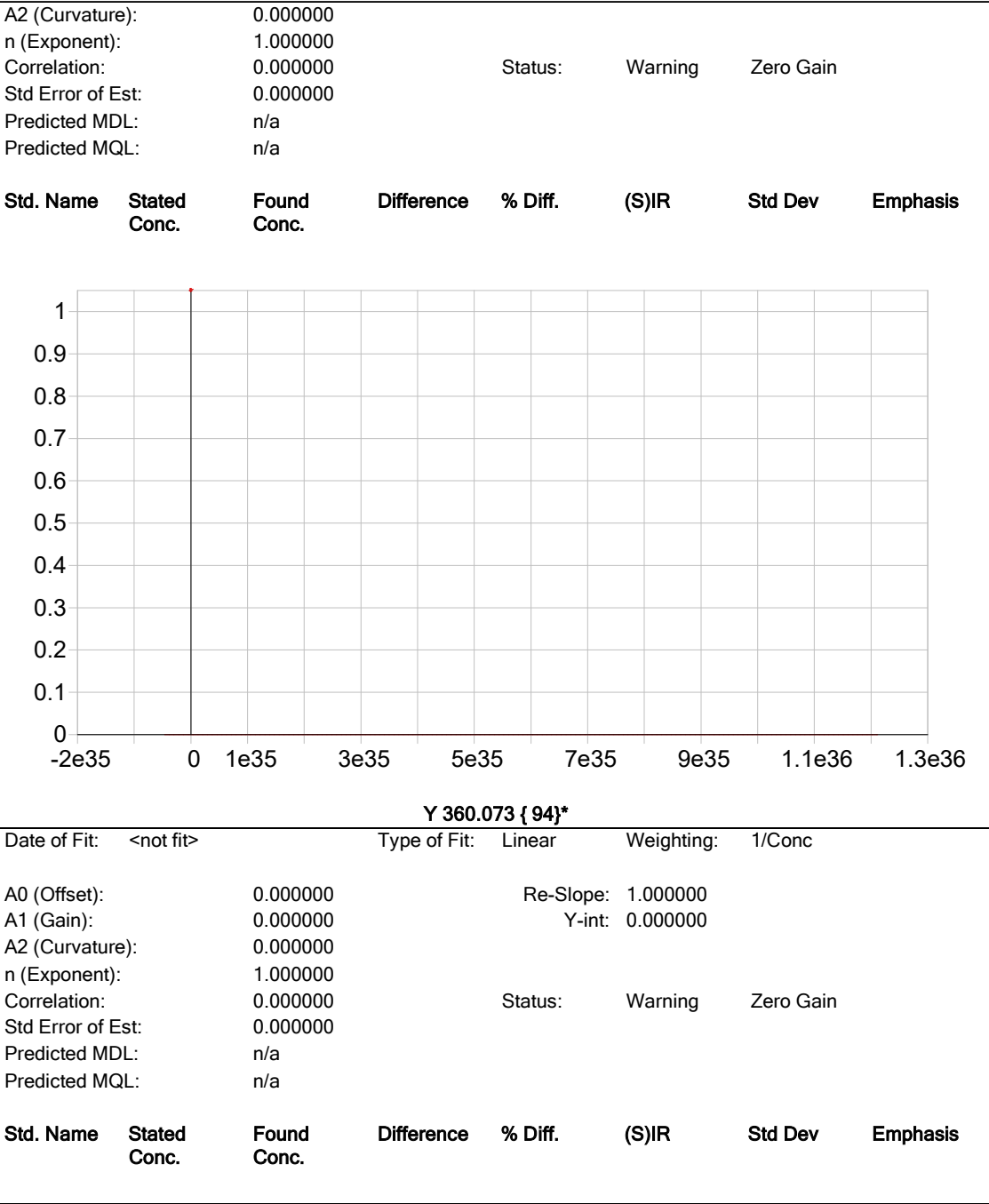
Li 670.784 { 50}

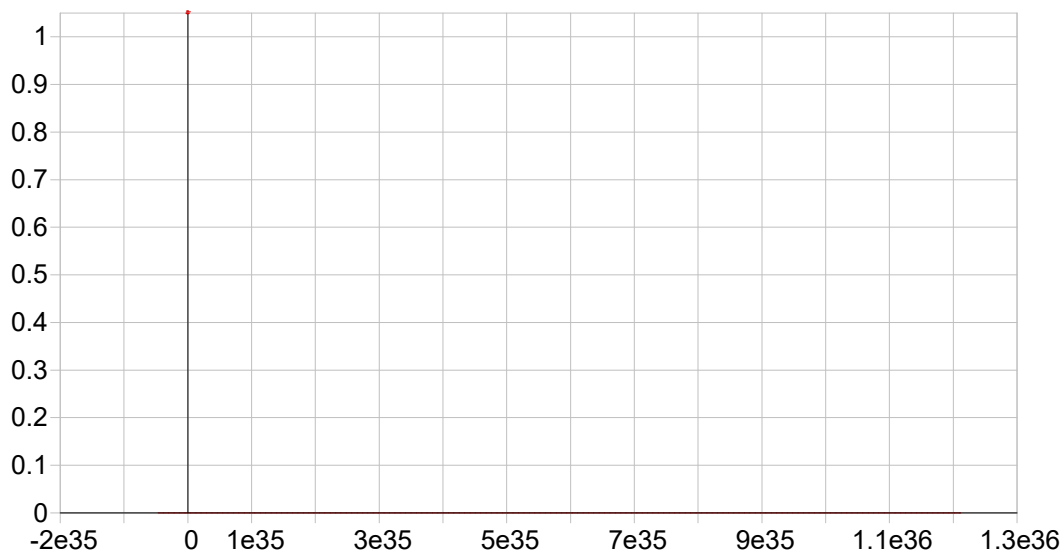
Date of Fit: 03/20/2020 17:01:56 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003493 Re-Slope: 1.000000
 A1 (Gain): 1.092189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997772 Status: OK.
 Std Error of Est: 0.001500
 Predicted MDL: 0.000904
 Predicted MQL: 0.003013

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.00345	.000	1
S5	10.000	9.9626	-.037	-.374	10.885	.020	1
S4	5.0000	4.9891	-.011	-.219	5.4525	.013	1
S3	2.5000	2.4946	-.005	-.215	2.7281	.006	1
S2	1.2500	1.2684	.018	1.47	1.3888	.003	1
S1	.01500	.05036	.035	236.	.05849	.001	1



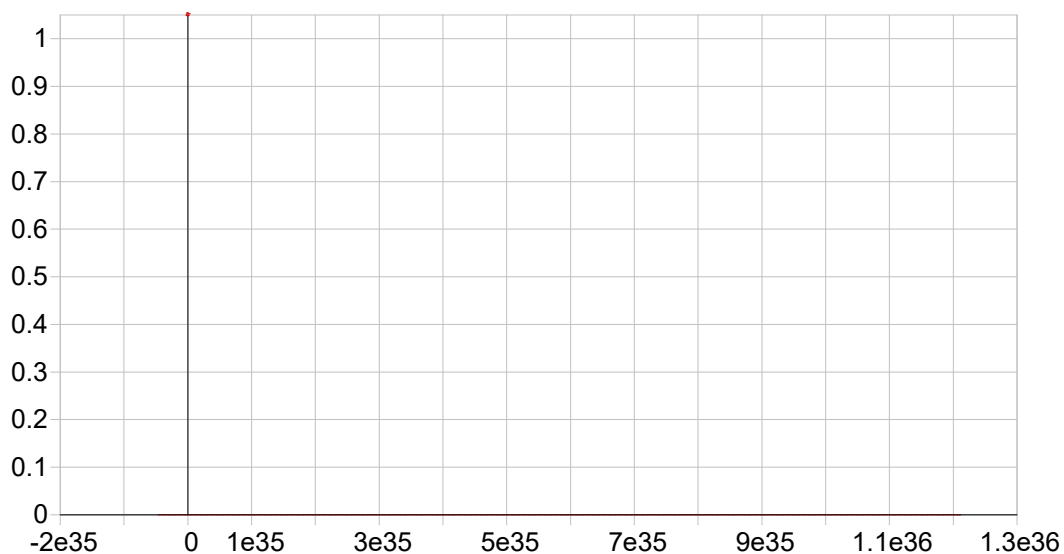




Y 371.030 { 91}*

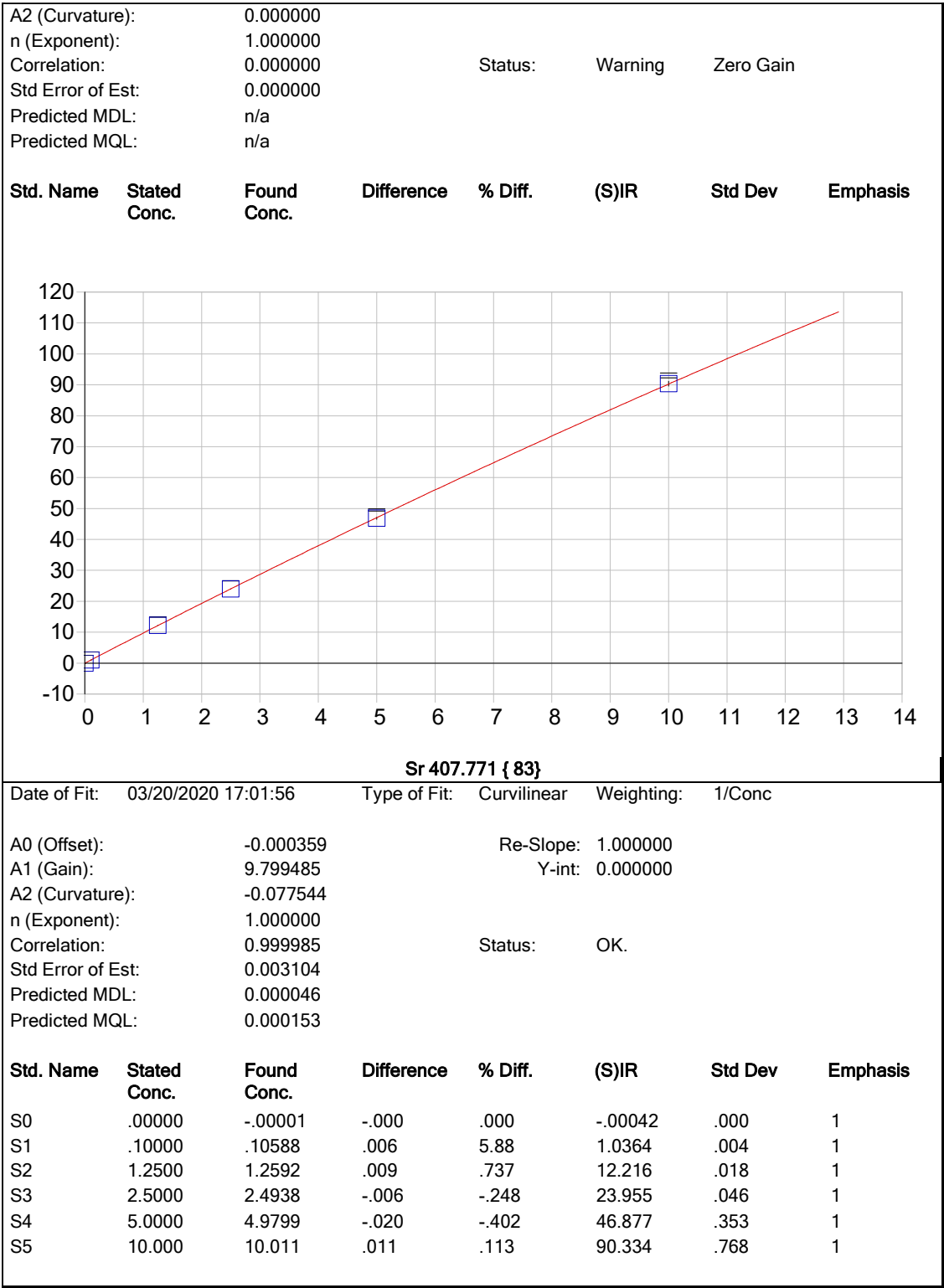
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		



Sample Name: S0 Acquired: 03/20/2020 14:58:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 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	-.00028	-.00042	-.00026	.00069	.00035	.00134	-.01776	-.00051
Stddev	.00004	.00014	.00030	.00010	.00014	.00030	.00020	.00014
%RSD	14.929	33.581	114.99	14.751	39.063	22.368	1.1312	28.010

#1	-.00028	-.00049	-.00059	.00060	.00034	.00114	-.01753	-.00040
#2	-.00024	-.00051	-.00000	.00067	.00021	.00168	-.01790	-.00067
#3	-.00033	-.00026	-.00019	.00081	.00048	.00119	-.01784	-.00046

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00064	.00144	-.00004	.00004	.00079	.00018	.00006	-.00014
Stddev	.00001	.00020	.00003	.00009	.00004	.00011	.00010	.00005
%RSD	2.3019	13.675	82.804	215.65	4.7990	58.541	187.48	33.722

#1	.00065	.00133	-.00007	-.00000	.00083	.00010	-.00004	-.00012
#2	.00062	.00166	-.00003	-.00002	.00078	.00015	.00016	-.00010
#3	.00064	.00131	-.00001	.00015	.00076	.00030	.00005	-.00019

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00115	-.00129	-.00291	-.00003	-.00025	.00708	-.00097	.00123
Stddev	.00003	.00008	.00017	.00022	.00061	.00065	.00006	.00015
%RSD	2.6412	6.5243	5.9574	654.68	241.74	9.1496	6.0374	11.873

#1	-.00113	-.00120	-.00289	-.00023	-.00043	.00635	-.00101	.00112
#2	-.00114	-.00135	-.00275	.00021	-.00076	.00758	-.00091	.00140
#3	-.00119	-.00133	-.00310	-.00008	.00043	.00731	-.00101	.00117

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00037	.00013	.00196	.00006	.00017	.00345	-.00042	
Stddev	.00007	.00012	.00016	.00006	.00005	.00024	.00033	
%RSD	19.727	93.249	8.3838	114.07	31.205	6.9618	79.429	

#1	.00043	.00001	.00185	-.00001	.00011	.00328	-.00024	
#2	.00029	.00025	.00214	.00011	.00017	.00335	-.00021	
#3	.00040	.00013	.00188	.00007	.00022	.00373	-.00080	

Sample Name: S0 Acquired: 03/20/2020 14:58:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1367.6	1982.9	45127.	12090.	2767.0
Stddev	7.6	7.4	252.	33.	4.8
%RSD	.55914	.37155	.55766	.27648	.17495
#1	1363.7	1980.1	44906.	12121.	2761.6
#2	1362.6	1977.4	45074.	12096.	2768.5
#3	1376.4	1991.3	45401.	12054.	2770.9

Sample Name: S1 Acquired: 03/20/2020 15:02:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00015	.00095	.00184	.00317	.00928	.01988	.51889	.01529
Stddev	.00013	.00013	.00017	.00004	.00020	.00018	.00144	.00027
%RSD	83.969	13.918	9.4716	1.3532	2.1139	.91333	.27785	1.7698
#1	.00008	.00108	.00202	.00316	.00905	.01981	.51766	.01499
#2	.00008	.00095	.00167	.00322	.00941	.01973	.51853	.01535
#3	.00030	.00081	.00183	.00313	.00937	.02008	.52048	.01552
Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01570	.22217	.00166	.04789	.00471	.00353	.00694	.05518
Stddev	.00011	.00012	.00005	.00024	.00017	.00010	.00017	.00034
%RSD	.67564	.05231	3.1773	.50747	3.7141	2.7012	2.4296	.61670
#1	.01575	.22231	.00172	.04797	.00454	.00342	.00704	.05481
#2	.01558	.22213	.00163	.04808	.00469	.00360	.00675	.05525
#3	.01577	.22209	.00163	.04762	.00489	.00357	.00704	.05548
Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02208	.00257	.02572	.00565	.02475	.07750	-.00061	.00418
Stddev	.00010	.00004	.00025	.00017	.00051	.00133	.00006	.00031
%RSD	.46903	1.5008	.96768	3.0345	2.0443	1.7116	9.1460	7.3108
#1	.02212	.00253	.02586	.00556	.02461	.07789	-.00057	.00414
#2	.02196	.00258	.02543	.00555	.02433	.07603	-.00058	.00389
#3	.02216	.00261	.02586	.00585	.02531	.07859	-.00067	.00450
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00892	.00331	.02235	.00087	.03912	.05849	1.0364	
Stddev	.00008	.00010	.00015	.00013	.00012	.00065	.0039	
%RSD	.86874	3.0198	.66998	15.186	.31079	1.1177	.37310	
#1	.00883	.00339	.02252	.00101	.03915	.05876	1.0405	
#2	.00896	.00320	.02223	.00075	.03899	.05897	1.0358	
#3	.00896	.00333	.02231	.00084	.03922	.05775	1.0328	

Sample Name: S1 Acquired: 03/20/2020 15:02:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.1	1981.0	45243.	12158.	2780.0
Stddev	12.0	10.2	157.	34.	6.4
%RSD	.87204	.51626	.34616	.27688	.23015
#1	1374.7	1978.0	45326.	12176.	2775.0
#2	1359.0	1972.5	45062.	12179.	2777.8
#3	1382.5	1992.3	45340.	12119.	2787.2

Sample Name: S2 Acquired: 03/20/2020 15:06:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04188	.06481	1.2862	.08640	.17958	3.3272	6.6591	.37300
Stddev	.00021	.00023	.0053	.00018	.00020	.0125	.0206	.00513
%RSD	.49737	.36236	.41557	.20735	.10976	.37656	.30981	1.3742

#1	.04204	.06478	1.2852	.08660	.17975	3.3409	6.6828	.37862
#2	.04164	.06460	1.2814	.08636	.17962	3.3245	6.6451	.37181
#3	.04196	.06506	1.2920	.08625	.17936	3.3163	6.6494	.36858

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.7695	2.4191	.62257	.57557	.52591	1.1377	1.5080	.63554
Stddev	.0082	.0019	.07007	.00144	.00235	.0011	.0027	.00051
%RSD	.46339	.07952	11.255	.24981	.44692	.09894	.18046	.08080

#1	1.7714	2.4207	.70348	.57480	.52660	1.1389	1.5110	.63554
#2	1.7605	2.4170	.58250	.57468	.52329	1.1368	1.5058	.63502
#3	1.7766	2.4196	.58173	.57723	.52784	1.1373	1.5072	.63605

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32850	.11326	.19765	.06574	1.3128	.52695	.04308	.33412
Stddev	.00097	.01278	.00024	.00030	.1194	.00170	.00009	.00400
%RSD	.29607	11.282	.11997	.45388	9.0932	.32214	.20074	1.1981

#1	.32906	.12797	.19766	.06557	1.4486	.52847	.04308	.33855
#2	.32738	.10689	.19788	.06556	1.2654	.52512	.04299	.33306
#3	.32906	.10491	.19741	.06608	1.2244	.52726	.04316	.33076

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0186	.04063	.25208	.13425	.47279	1.3888	12.216
Stddev	.0002	.00011	.00346	.00031	.00237	.0025	.018
%RSD	.01671	.27447	1.3741	.23447	.50110	.18289	.15037

#1	1.0186	.04058	.25607	.13443	.47101	1.3914	12.218
#2	1.0188	.04056	.25023	.13389	.47187	1.3863	12.197
#3	1.0184	.04076	.24993	.13444	.47548	1.3887	12.234

Sample Name: S2 Acquired: 03/20/2020 15:06:39 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.3	1854.3	40397.	11772.	2500.3
Stddev	114.2	3.2	3945.	40.	5.3
%RSD	9.4944	.17142	9.7668	.34122	.21062
#1	1071.4	1850.6	35852.	11734.	2497.2
#2	1255.1	1856.2	42394.	11814.	2506.4
#3	1280.6	1856.0	42944.	11770.	2497.4

Sample Name: S3 Acquired: 03/20/2020 15:10:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08272	.12659	2.5431	.16795	.35460	6.6016	13.154	.72797
Stddev	.00027	.00021	.0041	.00014	.00065	.0353	.055	.00154
%RSD	.32982	.16929	.15994	.08322	.18443	.53541	.42006	.21106

#1	.08245	.12676	2.5394	.16811	.35469	6.6290	13.193	.72915
#2	.08299	.12635	2.5474	.16787	.35521	6.5617	13.091	.72624
#3	.08272	.12667	2.5425	.16786	.35391	6.6141	13.179	.72853

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4753	4.8456	1.1277	1.1477	1.0293	2.2006	2.9123	1.2704
Stddev	.0010	.0173	.0008	.0009	.0016	.0079	.0102	.0043
%RSD	.02848	.35695	.07010	.07512	.15440	.35768	.35158	.33956

#1	3.4743	4.8536	1.1280	1.1467	1.0277	2.2030	2.9162	1.2723
#2	3.4762	4.8258	1.1283	1.1483	1.0295	2.1918	2.9007	1.2654
#3	3.4755	4.8574	1.1268	1.1480	1.0308	2.2069	2.9201	1.2734

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.64936	.21256	.39182	.12889	2.4830	1.0457	.08957	.65719
Stddev	.00047	.00085	.00208	.00082	.0210	.0087	.00008	.00114
%RSD	.07314	.39984	.53149	.63510	.84552	.83247	.09047	.17409

#1	.64953	.21198	.39313	.12830	2.4592	1.0529	.08962	.65850
#2	.64882	.21354	.38942	.12854	2.4986	1.0360	.08961	.65640
#3	.64972	.21216	.39293	.12982	2.4914	1.0483	.08948	.65668

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0138	.08349	.48183	.26880	.93515	2.7281	23.955
Stddev	.0014	.00017	.00117	.00080	.00243	.0061	.046
%RSD	.06799	.20444	.24261	.29595	.25943	.22268	.18996

#1	2.0152	.08336	.48304	.26968	.93589	2.7342	23.982
#2	2.0137	.08368	.48071	.26856	.93244	2.7221	23.903
#3	2.0125	.08342	.48175	.26815	.93712	2.7280	23.981

Sample Name: S3 Acquired: 03/20/2020 15:10:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.7	1800.7	41622.	11718.	2380.1
Stddev	5.6	3.2	79.	53.	1.1
%RSD	.45534	.17675	.18955	.45316	.04565
#1	1231.1	1797.1	41704.	11679.	2378.9
#2	1220.7	1802.8	41614.	11778.	2380.7
#3	1222.3	1802.3	41547.	11695.	2380.8

Sample Name: S4 Acquired: 03/20/2020 15:14:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.16725	.24503	5.0852	.33169	.71736	13.439	25.984	1.4554
Stddev	.00101	.00006	.0054	.00121	.00105	.052	.341	.0047
%RSD	.60331	.02591	.10644	.36494	.14594	.38986	1.3106	.32568

#1	.16713	.24508	5.0809	.33193	.71758	13.438	25.958	1.4608
#2	.16631	.24505	5.0835	.33038	.71622	13.491	26.336	1.4517
#3	.16832	.24496	5.0913	.33276	.71828	13.387	25.657	1.4539

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8586	9.8294	2.1889	2.2952	2.0374	4.3273	5.7024	2.5892
Stddev	.0018	.0455	.0037	.0007	.0074	.0193	.0235	.0129
%RSD	.02655	.46266	.17000	.03154	.36266	.44641	.41196	.49884

#1	6.8607	9.8063	2.1874	2.2952	2.0330	4.3173	5.6876	2.5799
#2	6.8573	9.8818	2.1931	2.2960	2.0459	4.3496	5.7295	2.6040
#3	6.8579	9.8002	2.1861	2.2945	2.0331	4.3151	5.6902	2.5839

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2906	.42993	.79258	.25493	5.0820	2.1553	.18605	1.3014
Stddev	.0005	.00272	.00295	.00165	.0573	.0133	.00075	.0011
%RSD	.03911	.63336	.37275	.64742	1.1267	.61453	.40498	.08328

#1	1.2911	.42879	.79243	.25487	5.0413	2.1549	.18688	1.3016
#2	1.2901	.42797	.79561	.25661	5.0572	2.1688	.18542	1.3002
#3	1.2905	.43304	.78971	.25332	5.1475	2.1423	.18583	1.3024

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.0271	.17416	.94730	.54229	1.8535	5.4525	46.877	
Stddev	.0074	.00051	.00136	.00054	.0072	.0134	.353	
%RSD	.18383	.29266	.14320	.10039	.38806	.24533	.75339	

#1	4.0310	.17411	.94785	.54239	1.8461	5.4440	46.988	
#2	4.0186	.17369	.94575	.54170	1.8605	5.4679	47.162	
#3	4.0317	.17470	.94829	.54277	1.8540	5.4455	46.482	

Sample Name: S4 Acquired: 03/20/2020 15:14:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1161.6	1703.6	40404.	11484.	2220.6
Stddev	8.3	2.1	52.	67.	.7
%RSD	.71863	.12507	.12827	.57935	.03127
#1	1166.1	1702.5	40434.	11480.	2220.7
#2	1166.8	1706.0	40434.	11420.	2219.9
#3	1152.0	1702.3	40344.	11552.	2221.2

Sample Name: S5 Acquired: 03/20/2020 15:18:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.34585	.46388	9.9417	.66573	1.4838	26.953	51.274	2.8684
Stddev	.00110	.00083	.0173	.00069	.0013	.110	.241	.0123
%RSD	.31897	.17858	.17402	.10366	.08889	.40647	.46996	.42703

#1	.34613	.46440	9.9472	.66507	1.4827	27.078	51.429	2.8801
#2	.34463	.46292	9.9223	.66645	1.4853	26.874	51.396	2.8557
#3	.34678	.46431	9.9555	.66568	1.4836	26.906	50.996	2.8694

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.208	19.593	4.1538	4.4954	4.0468	8.3165	10.971	5.1636
Stddev	.017	.065	.0044	.0089	.0084	.0357	.058	.0203
%RSD	.12711	.33288	.10603	.19786	.20762	.42962	.52650	.39274

#1	13.189	19.657	4.1549	4.4938	4.0561	8.3506	11.030	5.1842
#2	13.213	19.527	4.1489	4.4875	4.0397	8.2793	10.915	5.1437
#3	13.222	19.596	4.1575	4.5050	4.0445	8.3197	10.968	5.1629

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5063	.86851	1.5789	.49548	10.379	4.3967	.37974	2.4886
Stddev	.0011	.00147	.0040	.00090	.021	.0295	.00078	.0126
%RSD	.04319	.16913	.25401	.18183	.19848	.67186	.20507	.50576

#1	2.5062	.86806	1.5828	.49605	10.367	4.4290	.37930	2.5012
#2	2.5053	.86731	1.5748	.49444	10.367	4.3711	.37929	2.4761
#3	2.5075	.87015	1.5790	.49594	10.403	4.3900	.38064	2.4885

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.1604	.35813	1.8417	1.0723	3.6595	10.885	90.334	
Stddev	.0075	.00032	.0104	.0016	.0144	.020	.768	
%RSD	.09224	.08923	.56767	.14768	.39441	.18319	.85062	

#1	8.1576	.35813	1.8525	1.0708	3.6695	10.907	91.133	
#2	8.1689	.35781	1.8316	1.0720	3.6430	10.871	89.601	
#3	8.1546	.35845	1.8410	1.0740	3.6660	10.876	90.267	

Sample Name: S5 Acquired: 03/20/2020 15:18:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.1	1553.4	39106.	11326.	2049.6
Stddev	1.2	1.3	10.	81.	2.4
%RSD	.10887	.08488	.02594	.71084	.11608
#1	1074.1	1554.9	39104.	11242.	2050.9
#2	1071.8	1552.6	39117.	11402.	2051.0
#3	1073.4	1552.7	39097.	11336.	2046.8

Sample Name: S6 Acquired: 03/20/2020 15:22:33 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	70.134	30.577	21.707	8.3161	4.3284
Stddev	.252	.361	.223	.0838	.0416
%RSD	.35898	1.1792	1.0288	1.0076	.96085

#1	70.194	30.855	21.569	8.2701	4.3032
#2	70.351	30.169	21.965	8.4128	4.3764
#3	69.858	30.705	21.588	8.2654	4.3055

Int. Std.	Y_3710
Units	Cts/S
Avg	10886.
Stddev	119.
%RSD	1.0972

#1	10882.
#2	10769.
#3	11008.

Sample Name: ICV Acquired: 03/20/2020 15:26:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9319251	1.053349	.9651562	1.006680	.9454884	2.307816
Stddev	.0052672	.005800	.0036020	.004718	.0001137	.017113
%RSD	.5652003	.5506558	.3732017	.4686440	.0120277	.7415364

#1	.9292810	1.059564	.9669905	1.007014	.9453886	2.303650
#2	.9285036	1.052405	.9674719	1.001805	.9456122	2.293170
#3	.9379905	1.048079	.9610063	1.011222	.9454644	2.326628

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5112503	.4993707	.5095485	10.27345	.5394893	.4917948
Stddev	.0023561	.0032309	.0003391	.04137	.0020359	.0006976
%RSD	.4608405	.6469890	.0665413	.4027273	.3773847	.1418401

#1	.5113310	.5016455	.5096635	10.28788	.5372646	.4918609
#2	.5088549	.4956725	.5098151	10.22679	.5399434	.4910666
#3	.5135649	.5007940	.5091669	10.30567	.5412599	.4924570

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4696395	10.68110	.5200808	5.548116	.5038289	.2380498
Stddev	.0025455	.05411	.0039377	.040176	.0001669	.0012626
%RSD	.5420077	.5066257	.7571339	.7241410	.0331208	.5303994

#1	.4697087	10.63394	.5184183	5.573271	.5037627	.2370721
#2	.4670601	10.66920	.5172470	5.501781	.5040188	.2376020
#3	.4721496	10.74018	.5245771	5.569296	.5037054	.2394753

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.552285	.5062294	1.076908	F 8.941621	F -.000154	F .0774818
Stddev	.120760	.0023363	.008540	.095430	.002482	.0006989
%RSD	1.264202	.4615042	.7930497	1.067255	1606.823	.9019756

#1	9.659938	.5051463	1.074198	8.928132	-.001937	.0776299
#2	9.575211	.5046312	1.070051	8.853654	-.001207	.0767208
#3	9.421705	.5089106	1.086475	9.043078	.002681	.0780948

Sample Name: ICV Acquired: 03/20/2020 15:26:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0505916	F .0029919	F .0575581	F .0508688	F .0523187	F .0037142
Stddev	.0001395	.0008795	.0006951	.0003350	.0013168	.0003924
%RSD	.2756758	29.39729	1.207642	.6585631	2.516904	10.56570
#1	.0506691	.0019869	.0583446	.0507039	.0530283	.0038422
#2	.0504305	.0036212	.0570262	.0506482	.0531285	.0032738
#3	.0506750	.0033675	.0573036	.0512543	.0507993	.0040267

Elem	Sr4077
Units	ppm
Avg	F .0013186
Stddev	.0000560
%RSD	4.243479
#1	.0012873
#2	.0012853
#3	.0013832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.542	1997.367	44810.17	12194.72	2763.291
Stddev	1.361	5.115	141.03	48.05	5.822
%RSD	.0994200	.2561032	.3147332	.3939985	.2107058
#1	1369.985	1992.321	44943.99	12148.80	2756.572
#2	1367.283	2002.549	44662.89	12244.65	2766.854
#3	1368.357	1997.232	44823.63	12190.73	2766.446

Sample Name: ICB Acquired: 03/20/2020 15:30:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000844	.0049748	.0004220	-.001001	.0007142	.0021111	.0003668
Stddev	.003053	.0012769	.0016846	.000937	.0008746	.0031887	.0003545
%RSD	361.4728	25.66696	399.1565	93.63405	122.4570	151.0452	96.64389

#1	.000080	.0064044	.0012837	-.002052	.0010436	.0039284	.0001228
#2	-.004253	.0045720	-.001519	-.000700	-.000277	.0039756	.0002041
#3	.001639	.0039478	.001502	-.000251	.001376	-.001571	.0007733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000004	.0001132	-.003879	.0004476	-.000082	.0007541	-.000627
Stddev	.0000582	.0000021	.007810	.0001652	.000335	.0008311	.001026
%RSD	13123.62	1.821749	201.3425	36.91356	409.4568	110.2114	163.7070

#1	.0000668	.0001143	-.001764	.0004244	-.000234	.0003790	-.001752
#2	-.000023	.0001108	-.012529	.0002952	-.000314	.0017066	-.000384
#3	-.000042	.0001144	.002656	.0006232	.000302	.0001767	.000256

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000891	.0103551	.0004285	-.000037	.3090119	-.001231	.0011202
Stddev	.0000348	.0034095	.0001113	.000168	.0615148	.001204	.0019514
%RSD	39.03727	32.92545	25.96758	454.2262	19.90694	97.84066	174.2043

#1	.0000521	.0067553	.0004749	-.000061	.3364832	-.002611	.0009164
#2	.0001212	.0135353	.0005091	-.000191	.2385483	-.000689	.0031655
#3	.0000940	.0107746	.0003016	.000141	.3520044	-.000393	-.000721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452834	.0033212	.0084519	.0002373	.0003913	-.000132	.0013746
Stddev	.0735165	.0024074	.0007943	.0002809	.0008398	.000137	.0008358
%RSD	162.3477	72.48628	9.398085	118.3930	214.6071	103.9103	60.80510

#1	-.017636	.0005582	.0087181	-.000036	.0010428	-.000169	.0020877
#2	.126094	.0044384	.0090790	.000222	-.000556	.000020	.0015812
#3	.027392	.0049670	.0075587	.000526	.000688	-.000247	.0004548

Sample Name: ICB Acquired: 03/20/2020 15:30:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000200	.0020592	-.000019
Stddev	.000850	.0007500	.000038
%RSD	424.4444	36.42199	197.6593

#1	.000366	.0028938	-.000063
#2	-.001177	.0018421	-.000004
#3	.000210	.0014417	.000009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.174	2015.579	45390.51	12193.61	2789.007
Stddev	10.949	5.203	394.90	76.37	8.966
%RSD	.7956364	.2581254	.8700012	.6263119	.3214821

#1	1388.372	2018.175	45807.79	12109.45	2788.817
#2	1367.195	2009.589	45022.64	12212.88	2780.138
#3	1372.955	2018.974	45341.11	12258.50	2798.067

Sample Name: ICSA Acquired: 03/20/2020 15:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056336	-.002869	-.003659	.0055954	.0035863	223.0423
Stddev	.0021026	.005782	.005743	.0057951	.0030627	12.1251
%RSD	37.32254	201.5258	156.9669	103.5701	85.40136	5.436227

#1	.0033952	.000755	.002392	.0118257	.0048231	225.9873
#2	.0059384	.000175	-.004334	.0003658	.0058372	233.4236
#3	.0075672	-.009538	-.009034	.0045946	.0000985	209.7160

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055398	.0008399	.0005483	236.4530	.0480057	.0005213
Stddev	.0002152	.0000674	.0002687	12.3806	.0008456	.0002785
%RSD	3.884184	8.029464	49.01357	5.235968	1.761431	53.42381

#1	.0056341	.0008089	.0005804	240.2295	.0470709	.0008164
#2	.0056918	.0009172	.0002649	246.5057	.0487172	.0004845
#3	.0052936	.0007935	.0007995	222.6240	.0482290	.0002630

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007794	96.66875	.0105615	232.9969	.0013645	-.006344
Stddev	.0013029	5.24294	.0007005	12.5364	.0003957	.000310
%RSD	167.1720	5.423614	6.633000	5.380513	28.99907	4.880401

#1	.0022219	98.08102	.0109571	236.4126	.0013056	-.005991
#2	-.000312	101.0609	.0109746	243.4715	.0017863	-.006468
#3	.000428	90.8643	.0097526	219.1066	.0010015	-.006572

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.061084	.0025563	.0062626	.0656175	.0074176	F .1035416
Stddev	.118082	.0011636	.0006445	.0111969	.0058894	.0058169
%RSD	193.3096	45.51946	10.29169	17.06395	79.39699	5.617887

#1	-.181427	.0014492	.0067820	.0784597	.0006561	.1042376
#2	.054599	.0024505	.0055413	.0604922	.0101690	.1089791
#3	-.056425	.0037692	.0064645	.0579006	.0114278	.0974080

Sample Name: ICSA Acquired: 03/20/2020 15:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001138	.0003873	-.002980	-.000655	.0001102	.0038557
Stddev	.000778	.0022009	.001132	.002238	.0011013	.0001116
%RSD	68.31318	568.3297	38.00528	341.7228	999.4716	2.894403

#1	-.001901	.0005939	-.003661	-.002877	-.000316	.0037270
#2	-.000347	-.001910	-.001672	-.000686	.001361	.0039256
#3	-.001167	.002478	-.003606	.001598	-.000715	.0039144

Elem	Sr4077
Units	ppm
Avg	.0907601
Stddev	.0047659
%RSD	5.251087

#1	.0922936
#2	.0945704
#3	.0854162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.444	1801.722	41023.54	11985.68	2343.774
Stddev	8.097	6.176	262.33	583.44	9.304
%RSD	.6564866	.3427910	.6394624	4.867831	.3969804

#1	1241.375	1795.703	41326.28	11771.64	2333.104
#2	1225.190	1801.417	40881.22	11539.48	2348.025
#3	1233.767	1808.044	40863.13	12645.91	2350.194

Sample Name: ICSAB Acquired: 03/20/2020 15:46:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1067382	.1051418	.0471388	.0522403	.5718514	228.7124
Stddev	.0016570	.0022476	.0028332	.0038009	.0049953	1.3806
%RSD	1.552363	2.137657	6.010426	7.275748	.8735257	.6036617

#1	.1085876	.1025600	.0440453	.0548545	.5768593	227.8481
#2	.1062383	.1062041	.0496074	.0539861	.5718262	230.3047
#3	.1053887	.1066614	.0477638	.0478801	.5668688	227.9845

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012935	.4763142	.9836704	242.9116	.5564478	.4842686
Stddev	.0030409	.0030214	.0041123	.8025	.0104680	.0030270
%RSD	.6066145	.6343202	.4180587	.3303494	1.881214	.6250620

#1	.4990719	.4760997	.9854238	242.2449	.5510245	.4843496
#2	.5047592	.4794371	.9866155	243.8022	.5685146	.4872543
#3	.5000492	.4734058	.9789720	242.6876	.5498042	.4812020

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4478451	99.11174	.4972300	239.3092	.9740767	.1921144
Stddev	.0016249	.30270	.0007690	.9364	.0038333	.0033067
%RSD	.3628214	.3054117	.1546597	.3912824	.3935305	1.721214

#1	.4488532	98.84152	.4969885	238.5321	.9753679	.1905034
#2	.4487114	99.43885	.4980908	240.3488	.9770976	.1959178
#3	.4459706	99.05484	.4966107	239.0466	.9697645	.1899218

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.146134	.4854569	1.123914	.1347071	.0062082	F .1061119
Stddev	.122565	.0039370	.029249	.0257507	.0034377	.0005787
%RSD	83.87138	.8109851	2.602443	19.11606	55.37418	.5453721

#1	-.011820	.4832218	1.099533	.1099783	.0047406	.1067439
#2	-.251915	.4900027	1.156346	.1327725	.0037478	.1059839
#3	-.174668	.4831462	1.115865	.1613706	.0101362	.1056080

Sample Name: ICSAB Acquired: 03/20/2020 15:46:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001085	.0003901	-.000388	-.003285	-.001638	.0049474
Stddev	.000570	.0068031	.001149	.000946	.000853	.0008229
%RSD	52.48113	1743.782	295.9934	28.81065	52.03635	16.63314

#1	-.001571	.0055263	-.001508	-.003093	-.002602	.0040051
#2	-.001226	.0029696	-.000445	-.004312	-.000980	.0055242
#3	-.000458	-.007325	.000788	-.002449	-.001333	.0053131

Elem	Sr4077
Units	ppm
Avg	.0935924
Stddev	.0000722
%RSD	.0771315

#1	.0935889
#2	.0935221
#3	.0936663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.846	1789.031	40463.00	11576.18	2326.683
Stddev	19.884	9.318	696.45	36.18	9.768
%RSD	1.647602	.5208173	1.721205	.3125777	.4198170

#1	1215.943	1781.324	40813.35	11539.19	2320.087
#2	1184.041	1786.383	39660.94	11577.86	2322.058
#3	1220.554	1799.386	40914.71	11611.50	2337.905

Sample Name: CCV021 Acquired: 03/20/2020 15:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.742138	4.691733	23.93480	4.672894	4.758113	397.9276	9.670656
Stddev	.012347	.011007	.02577	.024599	.007626	1.5358	.014514
%RSD	.2603701	.2346143	.1076728	.5264201	.1602711	.3859586	.1500863

#1	4.729611	4.700918	23.93911	4.700906	4.763003	398.8121	9.673039
#2	4.742506	4.679532	23.90714	4.662966	4.762010	396.1542	9.683831
#3	4.754297	4.694750	23.95814	4.654811	4.749326	398.8165	9.655098

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4936468	2.419793	413.3023	14.84818	2.436586	14.67433	402.2130
Stddev	.0025719	.005582	.8514	.03815	.003120	.06152	.9726
%RSD	.5209950	.2306650	.2060055	.2569284	.1280488	.4192575	.2418058

#1	.4941638	2.419598	414.2171	14.85946	2.438405	14.60385	402.9534
#2	.4908557	2.414312	412.5330	14.87941	2.432984	14.70182	401.1115
#3	.4959209	2.425470	413.1568	14.80566	2.438370	14.71731	402.5740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45766	403.9542	2.429593	1.217198	394.7883	2.412483	14.46696
Stddev	.02528	.9788	.003485	.003470	.9922	.009457	.07651
%RSD	.1748475	.2423045	.1434207	.2850592	.2513261	.3920003	.5288917

#1	14.48039	404.5872	2.432548	1.218040	395.6370	2.423349	14.39461
#2	14.43044	402.8268	2.425750	1.213385	393.6974	2.407989	14.45923
#3	14.46216	404.4487	2.430480	1.220169	395.0305	2.406111	14.54705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.0085	4.936727	5.102248	4.748804	4.932704	4.844894	4.868088
Stddev	.6168	.003638	.028950	.002022	.007621	.024892	.002827
%RSD	.4139146	.0736839	.5673929	.0425780	.1545095	.5137694	.0580755

#1	149.3851	4.938997	5.120556	4.746475	4.935261	4.858407	4.869291
#2	148.2967	4.932532	5.068873	4.750115	4.938718	4.816168	4.864859
#3	149.3437	4.938653	5.117316	4.749821	4.924133	4.860107	4.870115

Sample Name: CCV021 Acquired: 03/20/2020 15:50:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV021 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.858214	4.876244	4.824304
Stddev	.022773	.005661	.016501
%RSD	.4687452	.1161007	.3420298

#1	4.831940	4.871771	4.828126
#2	4.872275	4.874352	4.838557
#3	4.870427	4.882609	4.806227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.909	1649.243	39417.68	11378.43	2093.094
Stddev	4.717	1.320	20.81	26.96	5.007
%RSD	.4189345	.0800255	.0527873	.2369137	.2392352

#1	1131.241	1648.039	39396.60	11350.48	2089.992
#2	1124.202	1650.654	39418.25	11404.27	2098.871
#3	1122.283	1649.037	39438.20	11380.54	2090.419

Sample Name: CCB021 Acquired: 03/20/2020 15:54:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009478	.0025985	.0009921	-.001361	-.000930	.0127028	.0001696
Stddev	.0008884	.0025227	.0011168	.001031	.000569	.0057207	.0003350
%RSD	93.73380	97.08263	112.5684	75.75167	61.22567	45.03452	197.5355

#1	-.000048	.0000504	-.000049	-.001804	-.000640	.0176469	.0003205
#2	.001658	.0050950	.000853	-.002097	-.000564	.0140246	-.000214
#3	.001234	.0026502	.002172	-.000183	-.001586	.0064370	.000403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000015	.0000660	.0073713	.0000390	-.000110	.0008539	.0112618
Stddev	.0000716	.0000499	.0096033	.0004509	.000161	.0011886	.0041427
%RSD	4852.140	75.70529	130.2799	1155.441	145.4713	139.1952	36.78525

#1	-.000066	.0000455	.0142783	.0001109	.000053	.0021053	.0154754
#2	.000077	.0000295	-.003595	-.000443	-.000116	-.000260	.0071939
#3	-.000007	.0001229	.011431	.000450	-.000268	.000716	.0111162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005948	.0063993	-.000157	.0001350	.2553299	-.000316	-.000649
Stddev	.0005259	.0057129	.000333	.0004123	.0482229	.002362	.001295
%RSD	88.42808	89.27407	211.5966	305.4116	18.88650	748.3503	199.5886

#1	.0009546	.0121500	.000099	-.000284	.2996820	.002350	-.001652
#2	.0008386	.0007248	-.000038	.000540	.2623106	-.002147	.000813
#3	-.000009	.0063232	-.000534	.000149	.2039971	-.001149	-.001108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596163	.0003737	.0118973	.0004340	-.002090	.0000831	.0011927
Stddev	.0167019	.0005269	.0003485	.0001722	.000714	.0011187	.0004736
%RSD	28.01568	141.0272	2.929633	39.67690	34.16948	1345.484	39.70637

#1	.0551330	-.000197	.0115972	.0005653	-.002824	.0013702	.0017387
#2	.0781022	.000841	.0122796	.0004977	-.002046	-.000465	.0009454
#3	.0456136	.000477	.0118150	.0002391	-.001398	-.000656	.0008940

Sample Name: CCB021 Acquired: 03/20/2020 15:54:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001489	.0023340	.0000967
Stddev	.0005808	.0003148	.0000133
%RSD	390.1732	13.48885	13.80125

#1	-.000481	.0019734	.0001113
#2	.000663	.0025546	.0000938
#3	.000265	.0024739	.0000850

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.727	1982.265	45109.42	12290.30	2741.720
Stddev	4.240	32.218	144.94	103.27	49.643
%RSD	.3088776	1.625333	.3213047	.8402842	1.810639

#1	1377.196	2000.888	45273.85	12205.48	2779.625
#2	1372.227	1945.062	45054.17	12260.13	2685.528
#3	1368.760	2000.844	45000.22	12405.30	2760.006

Sample Name: L1787-01A Acquired: 03/20/2020 16:02:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AA3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472061	-.010390	.2079562	.0522813	.0960029	69.61477	.6112128
Stddev	.0033359	.002470	.0020548	.0019412	.0020860	.06381	.0010360
%RSD	7.066783	23.77531	.9880933	3.712939	2.172814	.0916592	.1694998

#1	.0509228	-.011349	.2101347	.0534698	.0961452	69.54885	.6120974
#2	.0444712	-.007584	.2076810	.0533328	.0980140	69.61925	.6114679
#3	.0462242	-.012236	.2060528	.0500412	.0938494	69.67623	.6100731

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089350	.0038382	31.20180	.0984041	.1045976	.4311516	248.1390
Stddev	.0001457	.0000762	.05971	.0003268	.0003372	.0021238	.2274
%RSD	1.630243	1.986187	.1913601	.3320980	.3224120	.4925861	.0916334

#1	.0090469	.0038635	31.13586	.0987203	.1043599	.4301805	247.9793
#2	.0089878	.0037526	31.25221	.0980676	.1044493	.4335873	248.3994
#3	.0087703	.0038986	31.21731	.0984242	.1049836	.4296870	248.0385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.477904	13.87004	.1865541	-.013708	.0799890	.1531547	1.176056
Stddev	.008810	.01254	.0011349	.000244	.1059104	.0026571	.013515
%RSD	.2533187	.0903771	.6083489	1.780210	132.4063	1.734908	1.149138

#1	3.473573	13.88192	.1873033	-.013447	.0685597	.1562225	1.165280
#2	3.488041	13.87125	.1852483	-.013931	-.019743	.1516595	1.191219
#3	3.472096	13.85694	.1871106	-.013746	.191150	.1515821	1.171670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.409318	2.583240	.2831855	.0035416	2.451249	20.92321	.0091652
Stddev	.016470	.008310	.0014148	.0002869	.003503	.11741	.0005026
%RSD	.2222921	.3216902	.4995998	8.101417	.1428910	.5611554	5.483904

#1	7.420875	2.576856	.2815553	.0038557	2.453465	20.87732	.0089010
#2	7.390459	2.580229	.2839084	.0034757	2.453070	21.05663	.0097449
#3	7.416620	2.592636	.2840927	.0032933	2.447211	20.83567	.0088499

Sample Name: L1787-01A Acquired: 03/20/2020 16:02:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AA3A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2030308	.0762387	.1273413
Stddev	.0011527	.0003409	.0003173
%RSD	.5677701	.4470783	.2492077

#1	.2021526	.0759464	.1275152
#2	.2043361	.0761566	.1275337
#3	.2026036	.0766131	.1269750

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.577	2212.951	49900.20	13876.94	2677.555
Stddev	12.887	2.249	216.97	60.77	2.729
%RSD	.8645957	.1016195	.4348081	.4378878	.1019027

#1	1503.996	2214.611	50146.05	13914.72	2675.465
#2	1478.297	2210.392	49735.51	13806.84	2676.559
#3	1489.438	2213.850	49819.04	13909.25	2680.642

Sample Name: L1994-14A Acquired: 03/20/2020 16:06:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0DD5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234266	.0012700	.0043830	.0559016	-.001450	-.006573	.0946792
Stddev	.0063205	.0033539	.0006288	.0022060	.001271	.003134	.0002680
%RSD	26.97979	264.0787	14.34720	3.946142	87.71444	47.67136	.2830897

#1	.0278903	-.002580	.0051083	.0574576	.000005	-.003910	.0945175
#2	.0161943	.002829	.0039894	.0568702	-.002006	-.010026	.0949886
#3	.0261953	.003561	.0040514	.0533771	-.002348	-.005784	.0945315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000055	.0004766	23.79565	-.002370	.0028581	.0447972	18.09918
Stddev	.0000416	.0001106	.02306	.000221	.0003103	.0014188	.06229
%RSD	760.2798	23.19896	.0969163	9.311565	10.85769	3.167176	.3441783

#1	-.000038	.0003895	23.78658	-.002311	.0028132	.0456171	18.08534
#2	.000009	.0006010	23.77850	-.002614	.0025727	.0431588	18.04498
#3	.000045	.0004394	23.82187	-.002185	.0031884	.0456155	18.16723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.936451	11.57494	.0055562	-.000557	71.52341	.0023605	.0159823
Stddev	.011787	.06492	.0005233	.000247	.21266	.0005921	.0028831
%RSD	.2994281	.5608886	9.418497	44.30235	.2973307	25.08624	18.03922

#1	3.937895	11.56597	.0057863	-.000821	71.27989	.0016806	.0190398
#2	3.924009	11.51498	.0049573	-.000332	71.67252	.0026371	.0133130
#3	3.947449	11.64389	.0059251	-.000518	71.61782	.0027637	.0155942

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.400431	.0203788	.0346390	-.000557	7.959450	6.517629	-.000191
Stddev	.076478	.0037621	.0001553	.000133	.024419	.065981	.000807
%RSD	2.249072	18.46086	.4483046	23.81136	.3067872	1.012343	423.4726

#1	3.364325	.0174233	.0347758	-.000685	7.932149	6.540457	.000700
#2	3.348691	.0190994	.0346710	-.000421	7.979205	6.443266	-.000397
#3	3.488278	.0246138	.0344702	-.000565	7.966996	6.569165	-.000874

Sample Name: L1994-14A Acquired: 03/20/2020 16:06:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0DD5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000474	-.001329	.2181399
Stddev	.000345	.000606	.0006347
%RSD	72.93169	45.57478	.2909544

#1	-.000274	-.001588	.2187319
#2	-.000873	-.001762	.2174697
#3	-.000274	-.000637	.2182180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.330	2042.362	45912.83	12539.51	2786.583
Stddev	52.889	3.793	1167.09	14.15	4.583
%RSD	3.787693	.1857077	2.541973	.1128519	.1644740

#1	1374.077	2046.543	45302.67	12554.66	2791.705
#2	1456.709	2041.400	47258.52	12537.22	2785.173
#3	1358.203	2039.143	45177.29	12526.63	2782.870

Sample Name: L1794-14A Acquired: 03/20/2020 16:18:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAWC1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1121522	-.008699	5.185236	.0459742	.1105344	71.20539	5.121731
Stddev	.0026334	.004203	.007703	.0009346	.0008514	.15464	.007938
%RSD	2.348030	48.31704	.1485522	2.032788	.7702321	.2171724	.1549774

#1	.1091330	-.012449	5.176709	.0456081	.1099074	71.38035	5.130847
#2	.1139744	-.009493	5.191690	.0470364	.1115036	71.14880	5.116344
#3	.1133494	-.004156	5.187308	.0452781	.1101922	71.08702	5.118003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159049	.0166461	48.23016	.0995872	.1250317	.4841116	156.6482
Stddev	.0001233	.0002057	.11010	.0006022	.0002239	.0006489	.3505
%RSD	.7752430	1.235939	.2282724	.6047017	.1790630	.1340348	.2237746

#1	.0160448	.0165775	48.33796	.0997462	.1251201	.4835779	157.0084
#2	.0158583	.0168773	48.11791	.0989215	.1247771	.4848338	156.3083
#3	.0158118	.0164834	48.23461	.1000940	.1251978	.4839230	156.6279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12134	26.69770	.1637386	-.005713	-.117840	.2306534	1.866693
Stddev	.01850	.13352	.0008881	.000152	.203466	.0029552	.013034
%RSD	.1827533	.5001263	.5423766	2.669391	172.6629	1.281220	.6982522

#1	10.13794	26.85123	.1647051	-.005540	.011890	.2340141	1.872671
#2	10.10140	26.63320	.1629586	-.005828	-.352339	.2294853	1.875666
#3	10.12469	26.60867	.1635520	-.005770	-.013071	.2284609	1.851742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.470280	1.840120	.1807503	.0007684	1.259094	30.23473	.0166924
Stddev	.016257	.005789	.0002161	.0001299	.003908	.11725	.0013790
%RSD	.2971785	.3146130	.1195428	16.90188	.3103783	.3877973	8.261436

#1	5.488263	1.833492	.1806593	.0006856	1.260606	30.33127	.0182203
#2	5.465951	1.842679	.1805946	.0007016	1.254656	30.26866	.0163165
#3	5.456626	1.844188	.1809970	.0009181	1.262020	30.10426	.0155402

Sample Name: L1794-14A Acquired: 03/20/2020 16:18:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAWC1A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7943028	.0373090	.0546180
Stddev	.0006036	.0003859	.0000310
%RSD	.0759848	1.034245	.0566904

#1	.7936774	.0377537	.0545880
#2	.7948818	.0370619	.0546499
#3	.7943493	.0371116	.0546162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1513.205	2215.933	50961.79	14186.84	2604.014
Stddev	13.199	1.176	49.70	45.82	1.403
%RSD	.8722316	.0530772	.0975170	.3229789	.0538893

#1	1504.625	2217.247	50928.47	14137.81	2605.596
#2	1506.587	2214.978	51018.91	14194.13	2602.921
#3	1528.403	2215.575	50937.99	14228.58	2603.525

Sample Name: CCV022 Acquired: 03/20/2020 16:22:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.761914	4.694582	23.86338	4.701636	4.791142	391.6918	9.687187
Stddev	.031690	.009687	.02000	.008511	.022112	.8955	.039846
%RSD	.6654962	.2063530	.0838248	.1810299	.4615124	.2286111	.4113229

#1	4.789290	4.705274	23.86053	4.693643	4.816620	391.4395	9.693208
#2	4.727198	4.692083	23.84495	4.700679	4.776961	390.9496	9.723679
#3	4.769255	4.686388	23.88465	4.710585	4.779844	392.6864	9.644673

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888585	2.411696	409.4877	14.77749	2.428753	14.61021	399.0364
Stddev	.0021562	.002922	.5122	.03291	.000834	.04514	.6403
%RSD	.4410712	.1211489	.1250867	.2226896	.0343589	.3089550	.1604491

#1	.4913221	2.408838	409.7400	14.73976	2.428128	14.56238	399.6461
#2	.4879388	2.414677	408.8983	14.80023	2.429701	14.61616	398.3695
#3	.4873147	2.411574	409.8248	14.79250	2.428430	14.65207	399.0935

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37798	400.1100	2.428694	1.212253	392.0053	2.410569	14.39433
Stddev	.02267	.6629	.003886	.002968	.4671	.000912	.03200
%RSD	.1577020	.1656846	.1600026	.2448047	.1191655	.0378446	.2223233

#1	14.39409	400.6189	2.425151	1.208856	391.7173	2.409688	14.35743
#2	14.35205	399.3603	2.428082	1.213557	392.5443	2.410511	14.41448
#3	14.38780	400.3507	2.432850	1.214345	391.7544	2.411509	14.41108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.8809	4.947548	5.035360	4.771837	4.943442	4.797449	4.874843
Stddev	.1955	.012895	.012105	.009409	.011677	.018991	.000502
%RSD	.1313379	.2606366	.2404093	.1971857	.2362130	.3958518	.0102989

#1	149.1029	4.960791	5.049318	4.782280	4.930262	4.818028	4.875371
#2	148.8054	4.935031	5.029034	4.764018	4.947570	4.793718	4.874372
#3	148.7344	4.946823	5.027728	4.769213	4.952494	4.780600	4.874785

Sample Name: CCV022 Acquired: 03/20/2020 16:22:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.816473	4.872323	4.804308
Stddev	.023353	.012328	.019840
%RSD	.4848615	.2530226	.4129700

#1	4.794614	4.861166	4.807984
#2	4.813728	4.870245	4.822054
#3	4.841077	4.885558	4.782887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.071	1625.205	39161.62	11398.38	2071.941
Stddev	.887	5.369	136.03	26.15	4.472
%RSD	.0793631	.3303433	.3473568	.2294296	.2158364

#1	1116.537	1619.234	39295.66	11368.18	2067.092
#2	1116.582	1629.634	39165.52	11413.54	2075.903
#3	1118.094	1626.747	39023.68	11413.42	2072.828

Sample Name: CCB022 Acquired: 03/20/2020 16:33:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034225	.0007003	.0008310	-.004260	.0008349	-.002951	-.000352
Stddev	.0036404	.0022111	.0010944	.004023	.0021618	.002888	.000288
%RSD	106.3667	315.7523	131.6910	94.43493	258.9240	97.86461	81.77170

#1	.0010586	-.001844	.0020478	-.006132	.0033185	-.001432	-.000684
#2	.0015942	.001793	-.000073	.000358	-.000624	-.001140	-.000197
#3	.0076146	.002152	.000518	-.007005	-.000190	-.006281	-.000175

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	.0000019	.0063500	.0000014	-.000112	-.000333	.0002027
Stddev	.000033	.0000949	.0010133	.0006073	.000275	.000793	.0026257
%RSD	77.76221	4944.176	15.95715	42370.85	244.7770	238.2871	1295.648

#1	-.000030	.0001067	.0052573	.0003485	-.000430	-.000169	.0032051
#2	-.000081	-.000078	.0072586	.0003557	.000038	-.001195	-.001664
#3	-.000018	-.000023	.0065340	-.000700	.000054	.000366	-.000933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000634	.0004739	.0001634	.0002157	.2886498	.0005483	-.000042
Stddev	.0002989	.0044438	.0007301	.0001316	.1006856	.0001509	.000313
%RSD	471.4818	937.6768	446.8044	60.98589	34.88158	27.52630	743.2179

#1	-.000102	-.003792	-.000358	.0000645	.1992397	.0005052	.000244
#2	.000409	.000137	.000998	.0003043	.2689967	.0007160	.000006
#3	-.000116	.005076	-.000149	.0002783	.3977129	.0004236	-.000377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107961	.0003438	.0030637	-.000040	-.001494	-.000324	-.000046
Stddev	.0244584	.0014670	.0005340	.000065	.000239	.000392	.000985
%RSD	226.5480	426.6879	17.42836	161.2397	16.01460	120.9932	2156.796

#1	.0192710	-.000017	.0032111	.000035	-.001354	-.000200	.000472
#2	.0298900	.001957	.0024715	-.000080	-.001358	-.000009	.000573
#3	-.016773	-.000909	.0035085	-.000076	-.001770	-.000763	-.001182

Sample Name: CCB022 Acquired: 03/20/2020 16:33:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1118) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000411	.0008179	-.000008
Stddev	.0001717	.0008146	.000052
%RSD	417.9423	99.59921	620.7981

#1	-.000064	.0015778	-.000013
#2	.000239	-.000042	-.000058
#3	-.000052	.000918	.000046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.104	1970.014	44459.11	12273.29	2747.883
Stddev	12.385	5.335	425.22	10.81	2.418
%RSD	.9248377	.2707866	.9564234	.0880436	.0879919

#1	1325.050	1971.922	43969.19	12271.45	2747.531
#2	1343.844	1974.131	44732.16	12263.53	2750.458
#3	1348.419	1963.988	44675.99	12284.90	2745.661