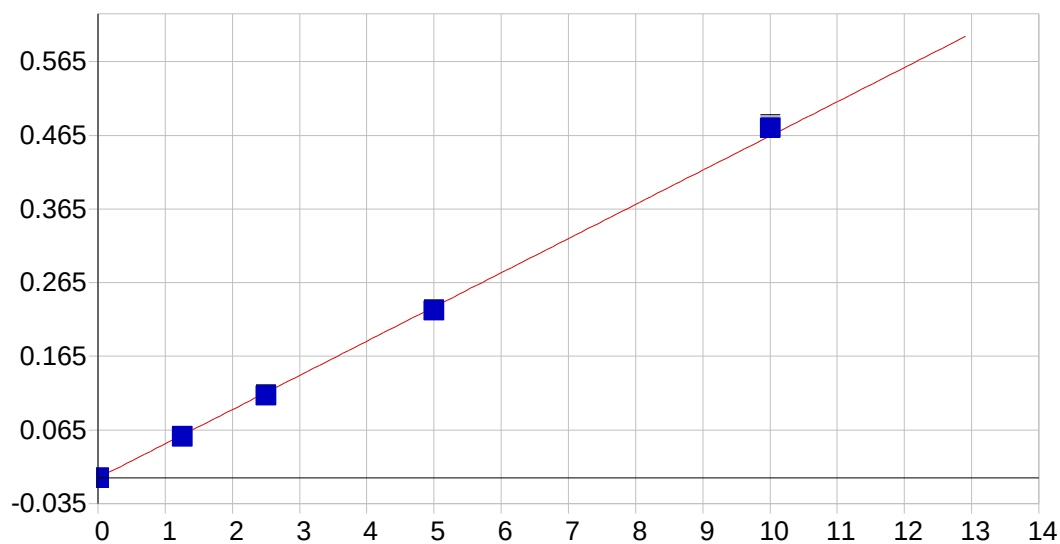


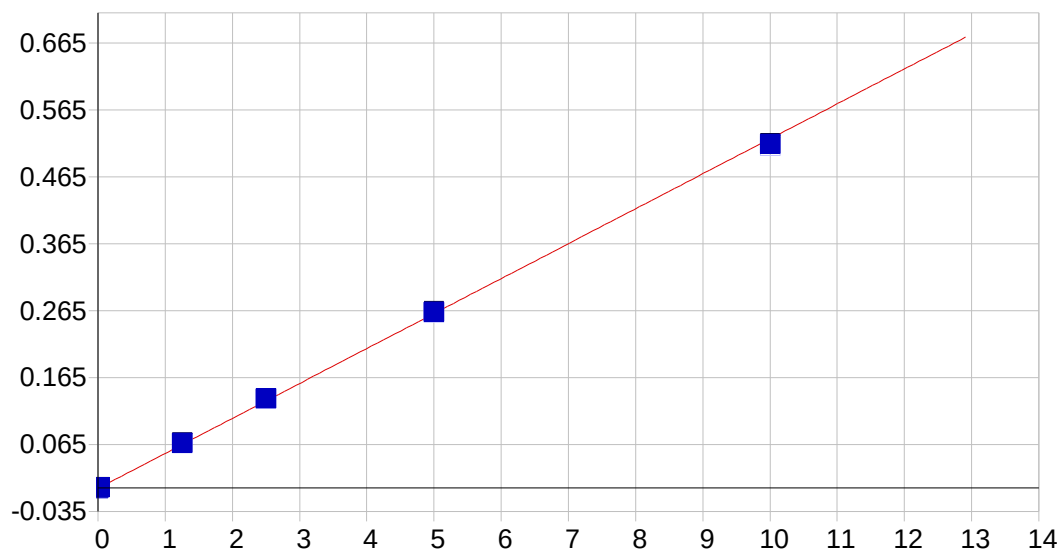


As 189.042 {479}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000222 Re-Slope: 1.000000
 A1 (Gain): 0.046437 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003263
 Predicted MQL: 0.010878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.01000	.00763	-.002	-23.7	.00013	.000	1
S2	1.2500	1.2056	-.044	-3.55	.05599	.000	1
S3	2.5000	2.4143	-.086	-3.43	.11234	.001	1
S4	5.0000	4.8894	-.111	-2.21	.22772	.001	1
S5	10.000	10.243	.243	2.43	.47722	.002	1

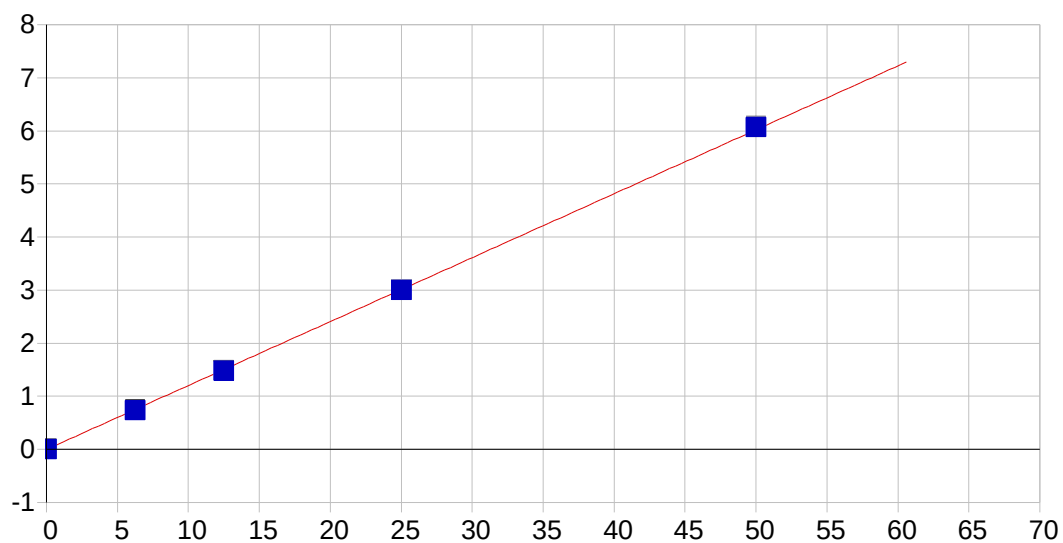


TI 190.856 {477}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000386 Re-Slope: 1.000000
 A1 (Gain): 0.052218 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001954
 Predicted MQL: 0.006515

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.02500	.02561	.001	2.45	.00093	.000	1
S2	1.2500	1.2936	.044	3.49	.06677	.000	1
S3	2.5000	2.5633	.063	2.53	.13268	.000	1
S4	5.0000	5.0459	.046	.917	.26152	.001	1
S5	10.000	9.8466	-.153	-1.53	.51063	.002	1

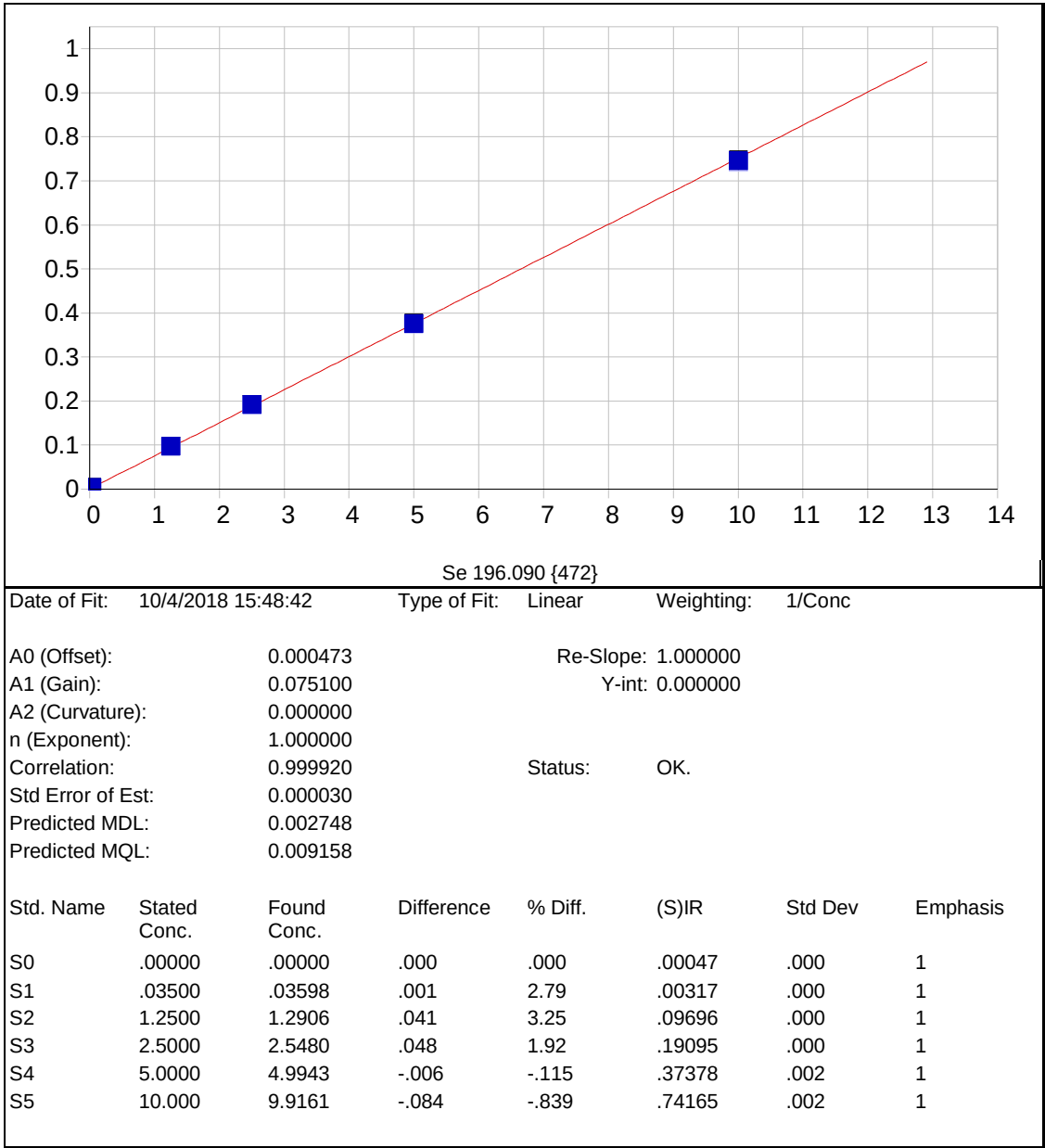


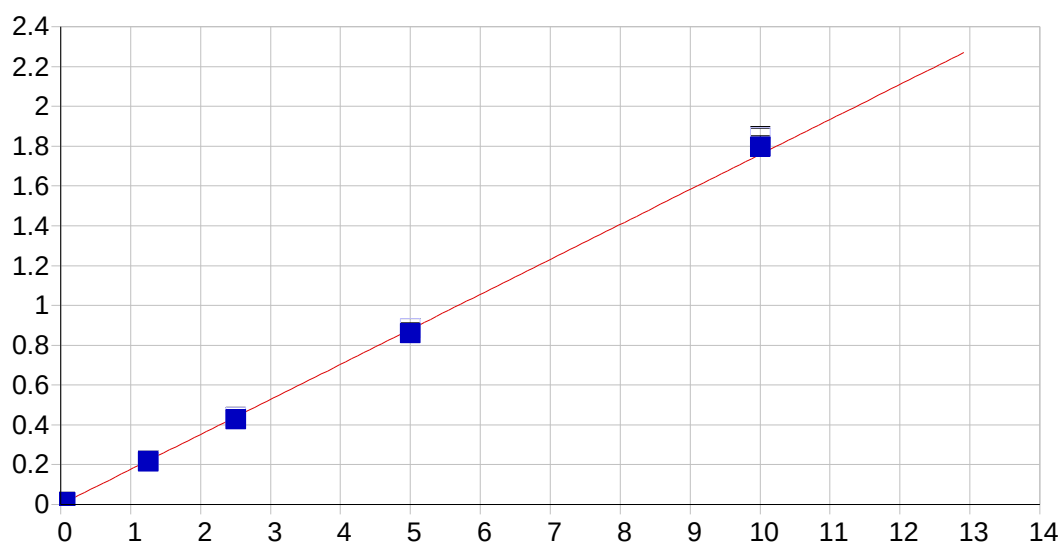
Pb 220.353 {453}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.120405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001761
 Predicted MQL: 0.005870

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01148	.001	14.8	.00106	.000	1
S2	6.2500	6.1392	-.111	-1.77	.73991	.002	1
S3	12.500	12.302	-.198	-1.59	1.4829	.002	1
S4	25.000	24.921	-.079	-.316	3.0044	.006	1
S5	50.000	50.387	.387	.774	6.0748	.010	1



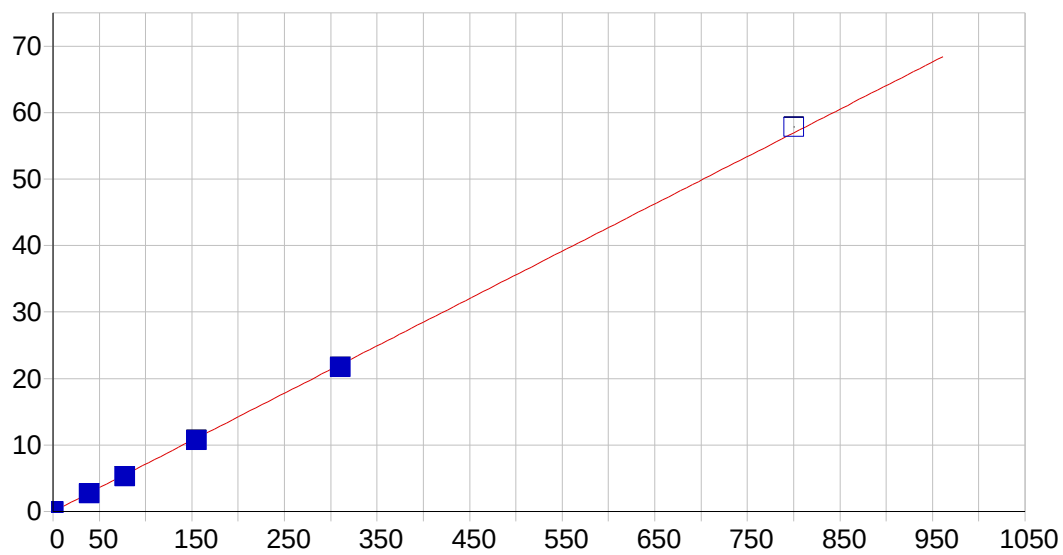


Sb 206.833 {463}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000609 Re-Slope: 1.000000
 A1 (Gain): 0.175765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999733 Status: OK.
 Std Error of Est: 0.000172
 Predicted MDL: 0.001483
 Predicted MQL: 0.004943

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00061	.000	1
S1	.06000	.06207	.002	3.44	.01152	.000	1
S2	1.2500	1.2154	-.035	-2.77	.22021	.000	1
S3	2.5000	2.4195	-.081	-3.22	.43784	.001	1
S4	5.0000	4.8949	-.105	-2.10	.88490	.001	1
S5	10.000	10.218	.218	2.18	1.8445	.005	1

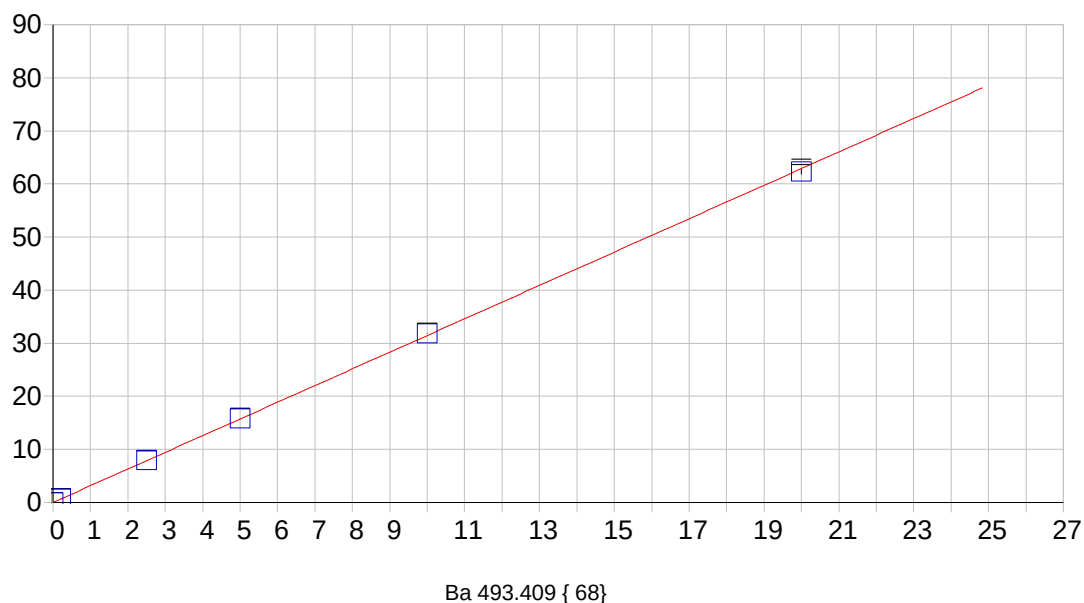


AI 396.152 { 85}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004069 Re-Slope: 1.000000
 A1 (Gain): 0.071170 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999811 Status: OK.
 Std Error of Est: 0.000862
 Predicted MDL: 0.014240
 Predicted MQL: 0.047467

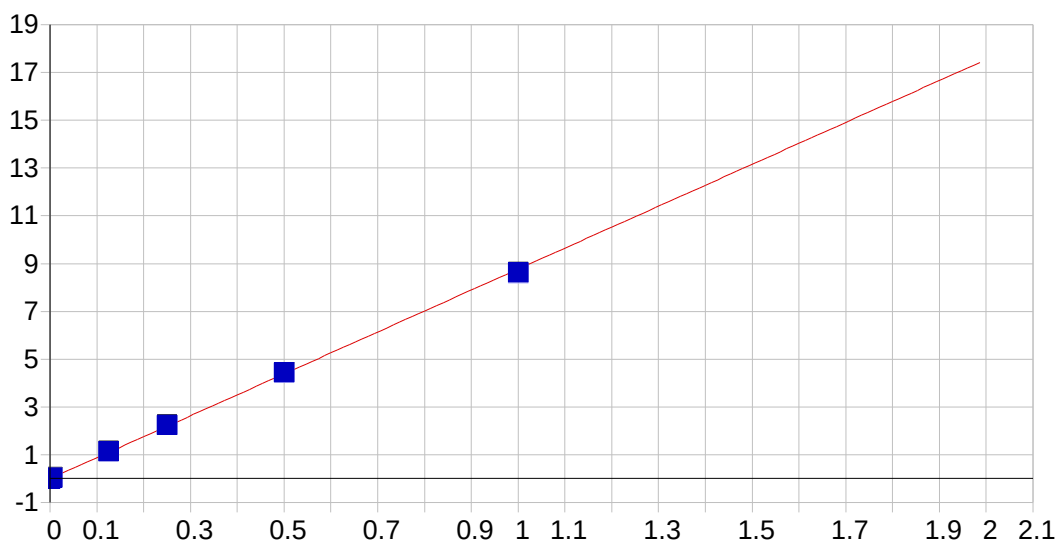
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00407	.000	1
S1	.20000	.18866	-.011	-5.67	.01752	.001	1
S2	38.750	38.069	-.681	-1.76	2.7160	.017	1
S3	77.500	74.491	-3.01	-3.88	5.3107	.005	1
S4	155.00	150.65	-4.35	-2.81	10.736	.021	1
S5	310.00	305.33	-4.67	-1.51	21.755	.033	1
S6	800.00	812.73	12.7	1.59	57.846	.028	1



Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016184 Re-Slope: 1.000000
 A1 (Gain): 3.143476 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.003426
 Predicted MDL: 0.001016
 Predicted MQL: 0.003388

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01614	.003	1
S1	.20000	.20999	.010	5.00	.67628	.001	1
S2	2.5000	2.5095	.010	.380	7.9048	.019	1
S3	5.0000	5.0346	.035	.691	15.842	.020	1
S4	10.000	10.126	.126	1.26	31.846	.037	1
S5	20.000	19.820	-.180	-.898	62.321	.555	1

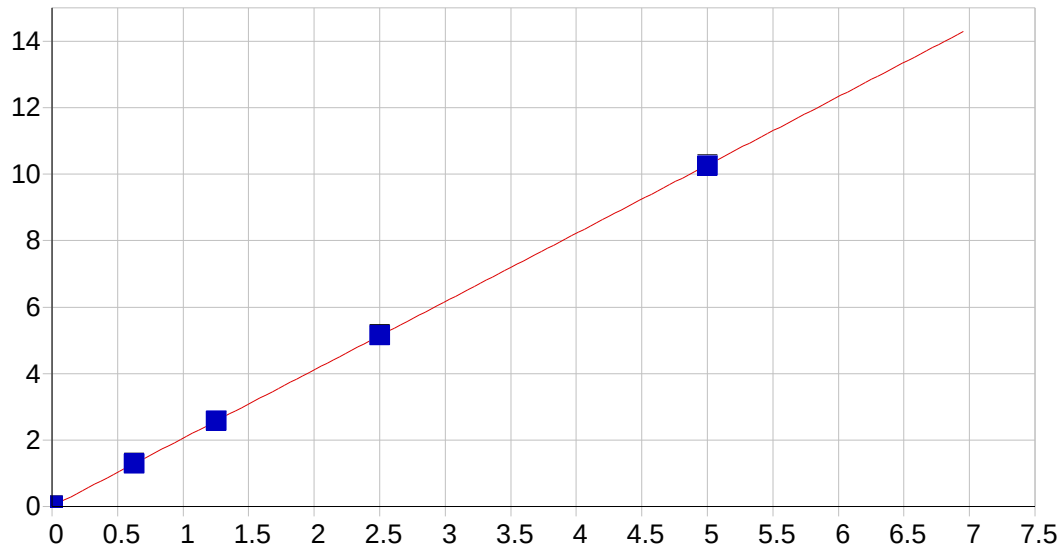


Be 234.861 {144}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002859 Re-Slope: 1.000000
 A1 (Gain): 8.772593 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999787 Status: OK.
 Std Error of Est: 0.000677
 Predicted MDL: 0.000062
 Predicted MQL: 0.000207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00286	.000	1
S1	.00500	.00532	.000	6.47	.04380	.001	1
S2	.12500	.13029	.005	4.23	1.1353	.008	1
S3	.25000	.25585	.006	2.34	2.2320	.010	1
S4	.50000	.50660	.007	1.32	4.4221	.010	1
S5	1.0000	.98194	-.018	-1.81	8.5729	.031	1

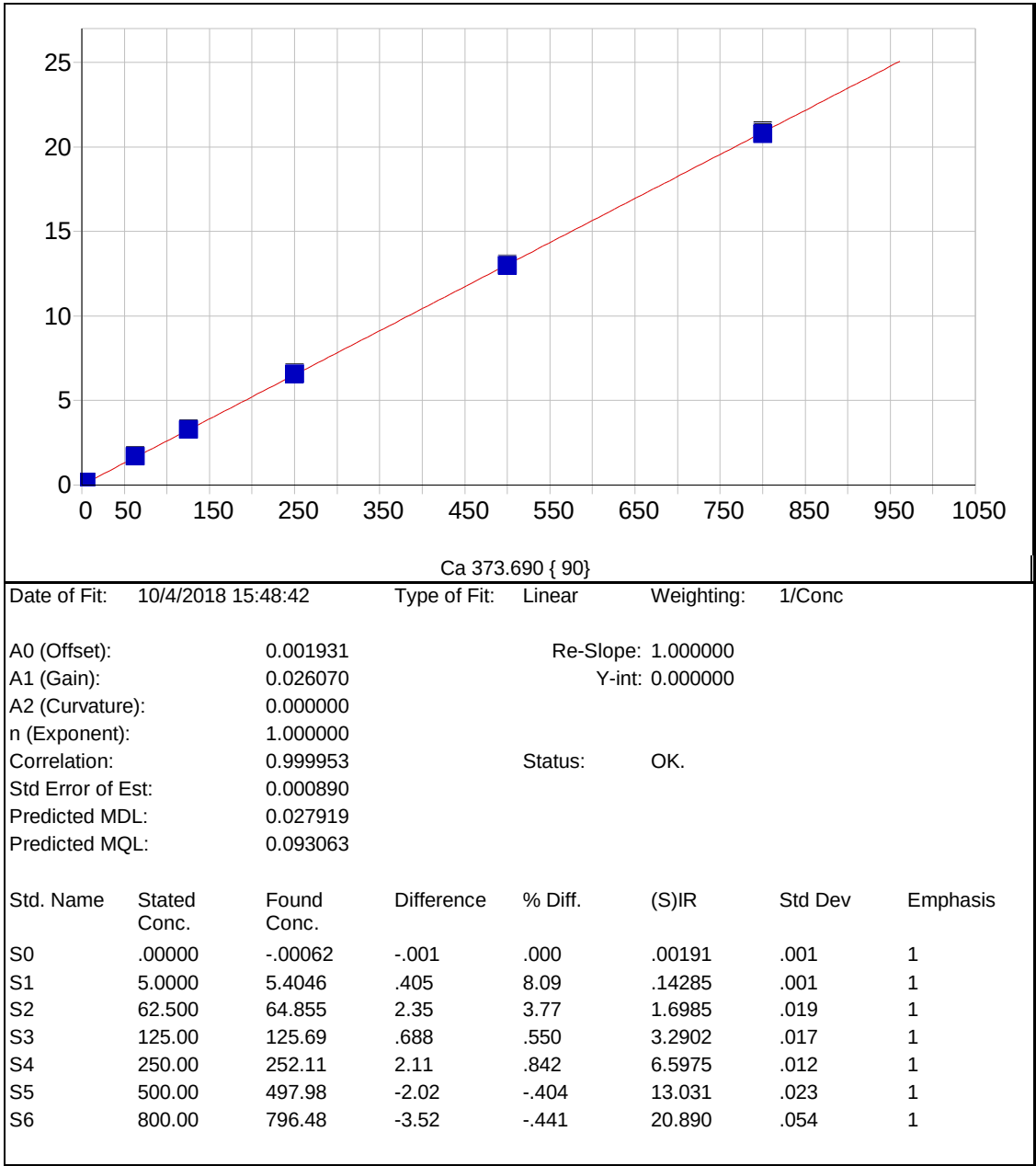


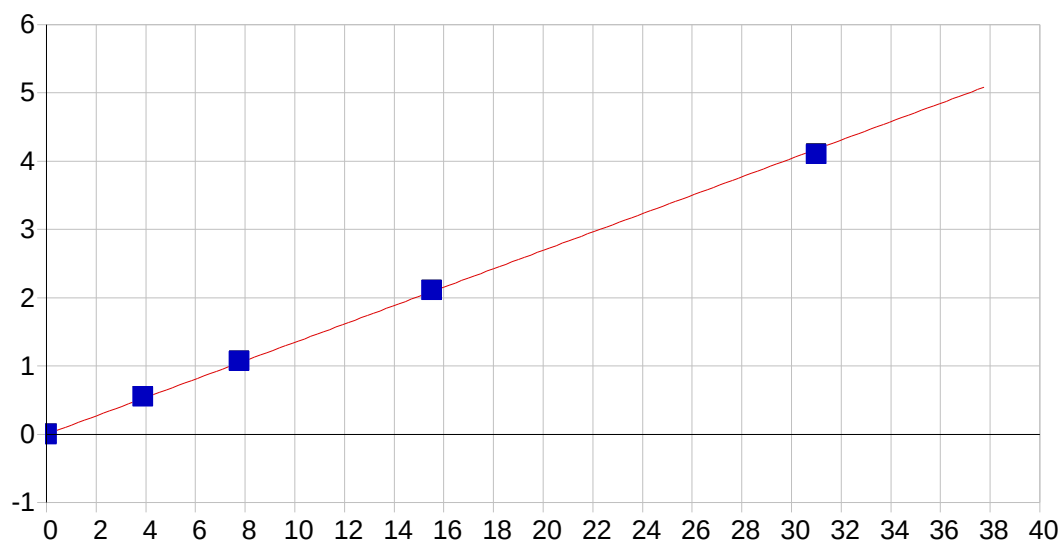
Cd 214.438 {457}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000161 Re-Slope: 1.000000
 A1 (Gain): 2.055526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000082
 Predicted MQL: 0.000272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00500	.00533	.000	6.65	.01113	.000	1
S2	.62500	.63032	.005	.851	1.2984	.005	1
S3	1.2500	1.2547	.005	.377	2.5845	.004	1
S4	2.5000	2.5037	.004	.146	5.1571	.014	1
S5	5.0000	4.9860	-.014	-.280	10.270	.015	1



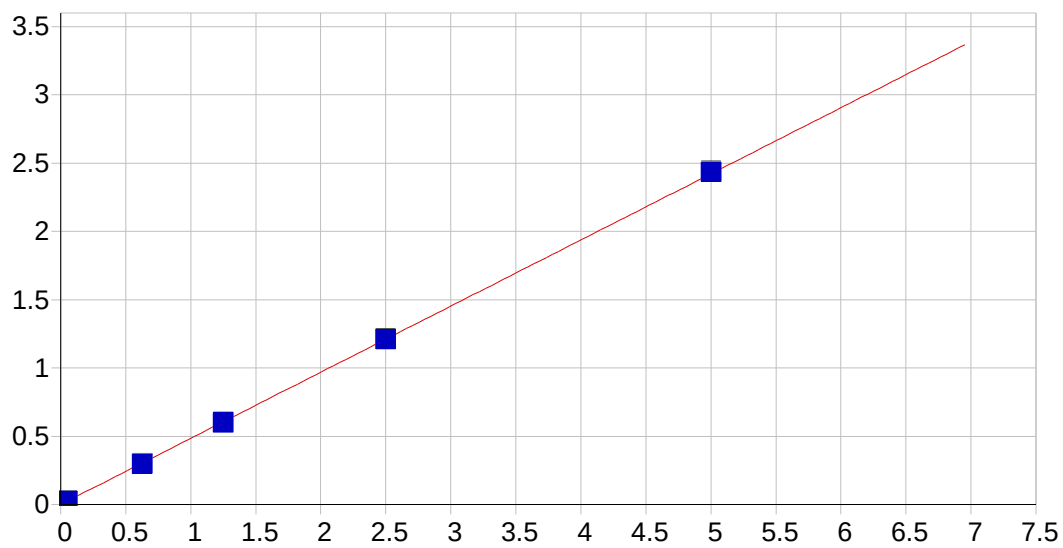


Cr 267.716 {126}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000009 Re-Slope: 1.000000
 A1 (Gain): 0.134675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999761 Status: OK.
 Std Error of Est: 0.000087
 Predicted MDL: 0.000530
 Predicted MQL: 0.001766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01162	.002	16.2	.00156	.000	1
S2	3.8750	4.0815	.207	5.33	.55059	.001	1
S3	7.7500	7.9508	.201	2.59	1.0726	.001	1
S4	15.500	15.649	.149	.959	2.1112	.001	1
S5	31.000	30.442	-.558	-1.80	4.1072	.005	1

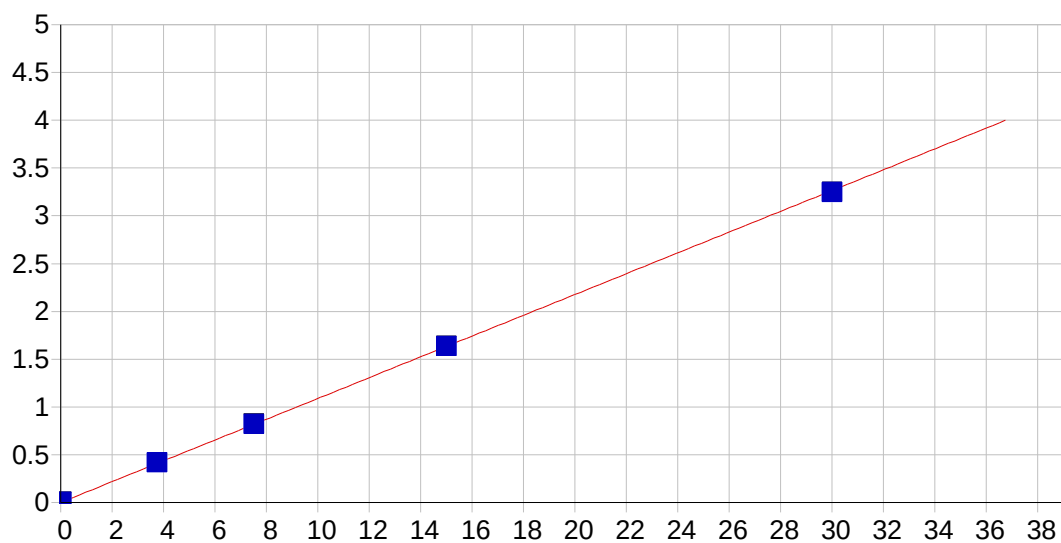


Co 228.616 {448}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000142 Re-Slope: 1.000000
 A1 (Gain): 0.484280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000078
 Predicted MDL: 0.000294
 Predicted MQL: 0.000981

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.05000	.05028	.000	.563	.02458	.000	1
S2	.62500	.61754	-.007	-1.19	.29980	.001	1
S3	1.2500	1.2384	-.012	-.927	.60108	.001	1
S4	2.5000	2.4935	-.007	-.261	1.2101	.003	1
S5	5.0000	5.0253	.025	.506	2.4386	.004	1

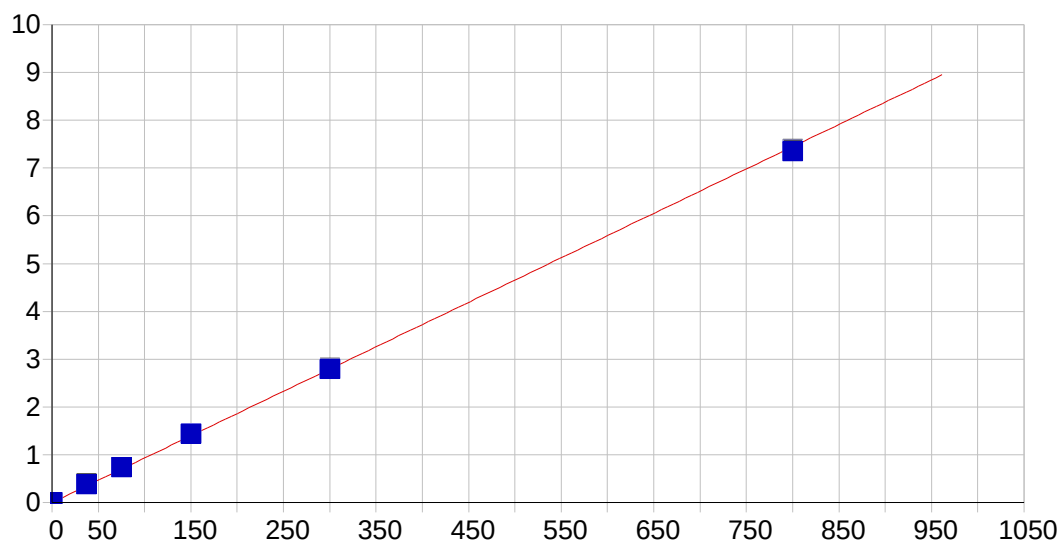


Cu 324.754 {104}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000666 Re-Slope: 1.000000
 A1 (Gain): 0.108789 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.004743
 Predicted MQL: 0.015810

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00066	.000	1
S1	.02500	.03117	.006	24.7	.00405	.001	1
S2	3.7500	3.8292	.079	2.11	.41698	.001	1
S3	7.5000	7.5481	.048	.641	.82131	.003	1
S4	15.000	15.027	.027	.177	1.6344	.002	1
S5	30.000	29.840	-.160	-.533	3.2449	.001	1

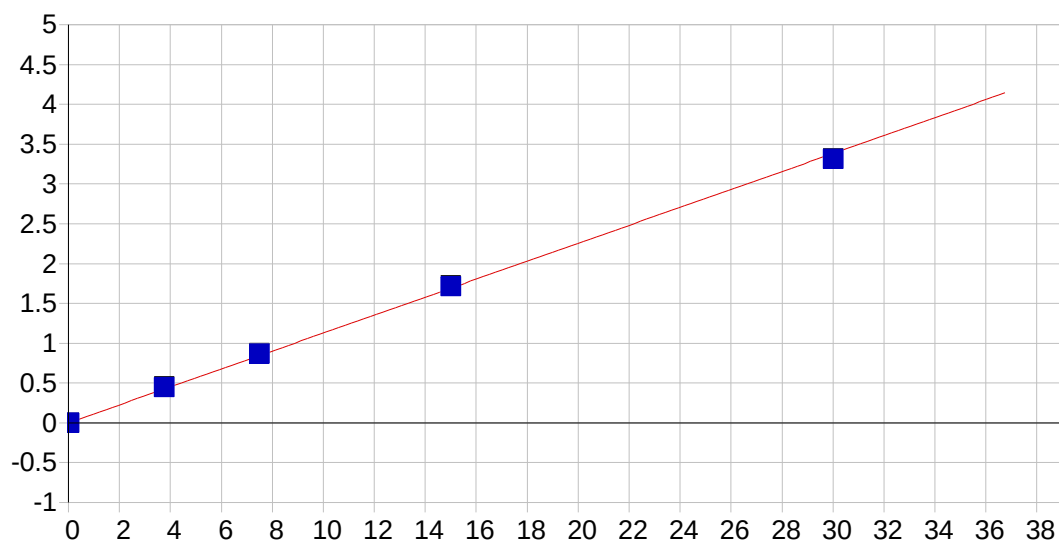


Fe 259.837 {130}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.009309 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999736 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.025264
 Predicted MQL: 0.084212

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00027	.000	1
S1	.10000	.12348	.023	23.5	.00144	.000	1
S2	37.500	40.749	3.25	8.66	.38147	.004	1
S3	75.000	78.382	3.38	4.51	.73366	.005	1
S4	150.00	154.50	4.50	3.00	1.4460	.004	1
S5	300.00	299.90	-.102	-.034	2.8069	.006	1
S6	800.00	788.93	-11.1	-1.38	7.3782	.011	1

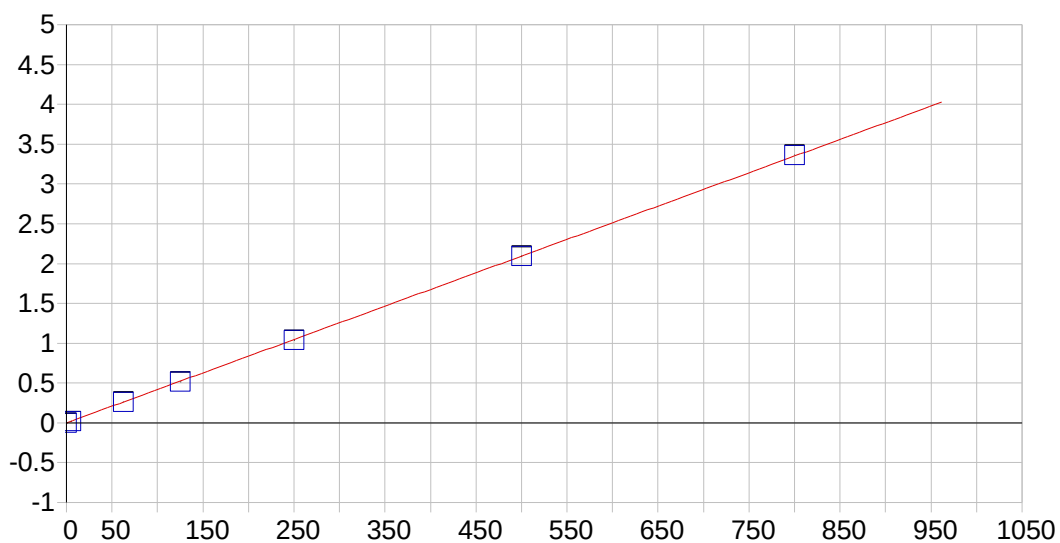


Mn 257.610 {131}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.112742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999731 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.001818
 Predicted MQL: 0.006061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01500	.01770	.003	18.0	.00188	.000	1
S2	3.7500	3.9326	.183	4.87	.44336	.007	1
S3	7.5000	7.7097	.210	2.80	.86929	.008	1
S4	15.000	15.208	.208	1.39	1.7149	.004	1
S5	30.000	29.397	-.603	-2.01	3.3149	.006	1

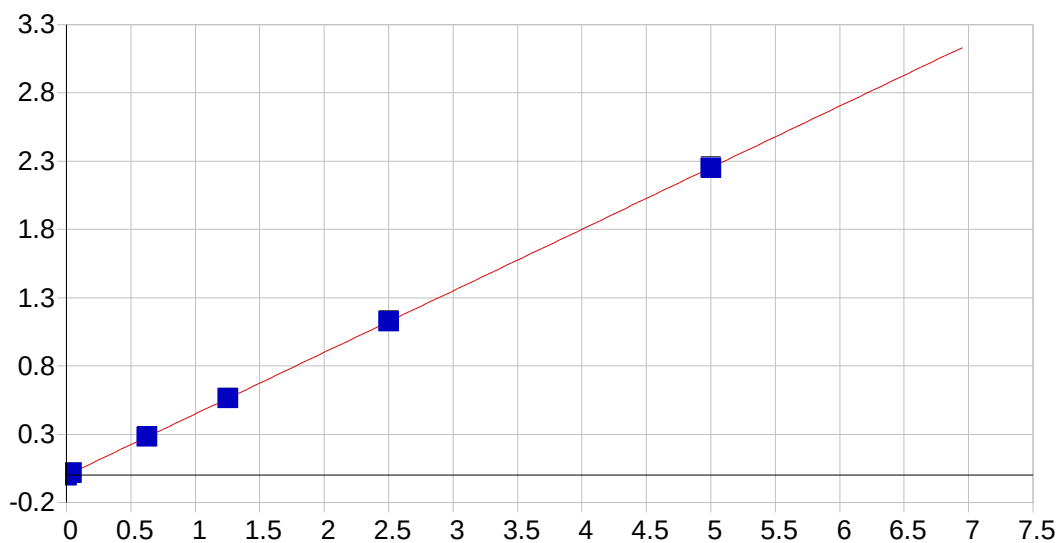


Mg 279.079 {121}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.004188 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.068441
 Predicted MQL: 0.228138

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00017	.000	1
S1	5.0000	5.1004	.100	2.01	.02119	.000	1
S2	62.500	62.578	.078	.124	.26191	.003	1
S3	125.00	123.19	-1.81	-1.45	.51576	.003	1
S4	250.00	248.65	-1.35	-.540	1.0412	.001	1
S5	500.00	499.79	-.210	-.042	2.0930	.004	1
S6	800.00	803.19	3.19	.399	3.3637	.006	1

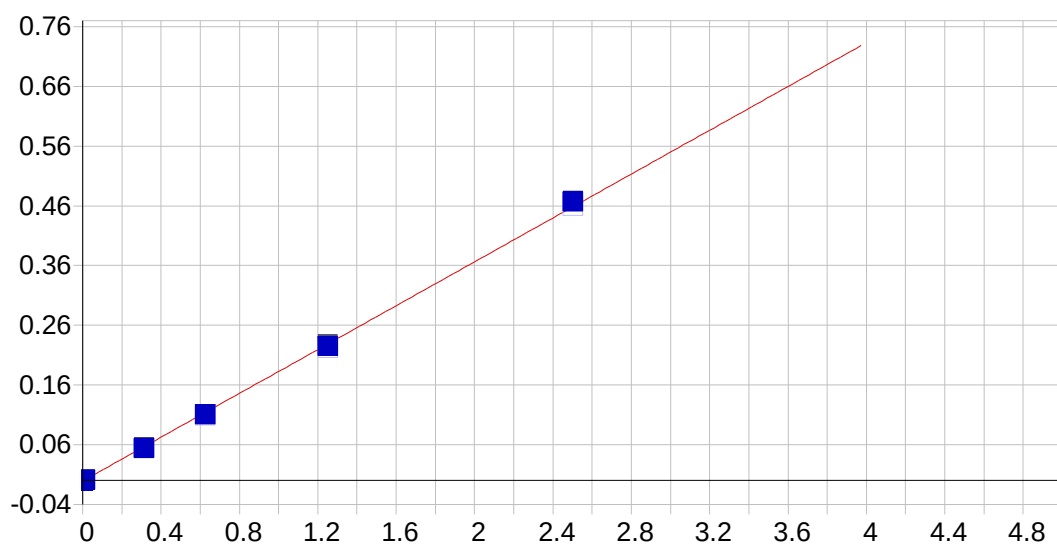


Ni 231.604 {446}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001356 Re-Slope: 1.000000
 A1 (Gain): 0.450775 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999990 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000404
 Predicted MQL: 0.001346

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00136	.000	1
S1	.04000	.04258	.003	6.45	.01785	.000	1
S2	.62500	.62872	.004	.596	.28263	.001	1
S3	1.2500	1.2493	-.001	-.056	.56295	.001	1
S4	2.5000	2.5002	.000	.008	1.1280	.004	1
S5	5.0000	4.9942	-.006	-.116	2.2545	.004	1

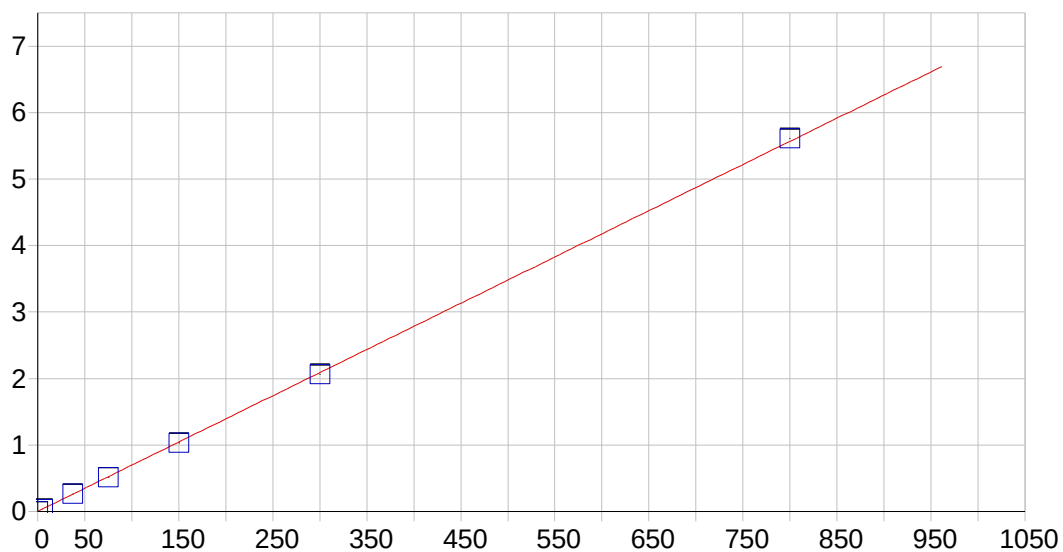


Ag 328.068 {103}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000844 Re-Slope: 1.000000
 A1 (Gain): 0.183537 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000552
 Predicted MQL: 0.001839

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00084	.000	1
S1	.01000	.00988	.000	-1.16	.00096	.000	1
S2	.31250	.30185	-.011	-3.41	.05368	.000	1
S3	.62500	.60702	-.018	-2.88	.10882	.000	1
S4	1.2500	1.2314	-.019	-1.49	.22167	.002	1
S5	2.5000	2.5474	.047	1.89	.45971	.001	1

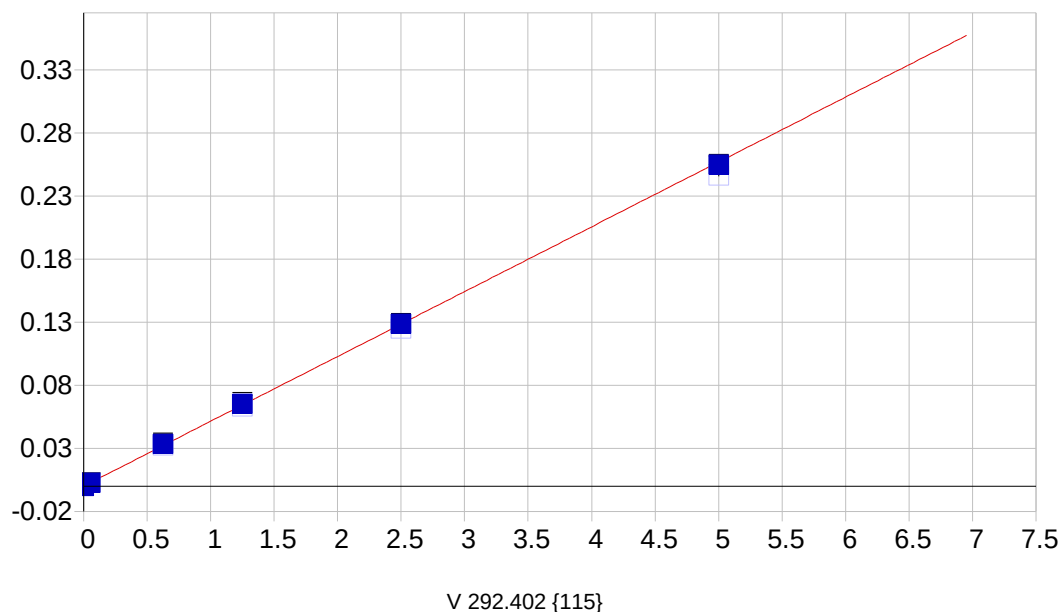


Na 818.326 { 41}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000992 Re-Slope: 1.000000
 A1 (Gain): 0.006959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.312438
 Predicted MQL: 1.041461

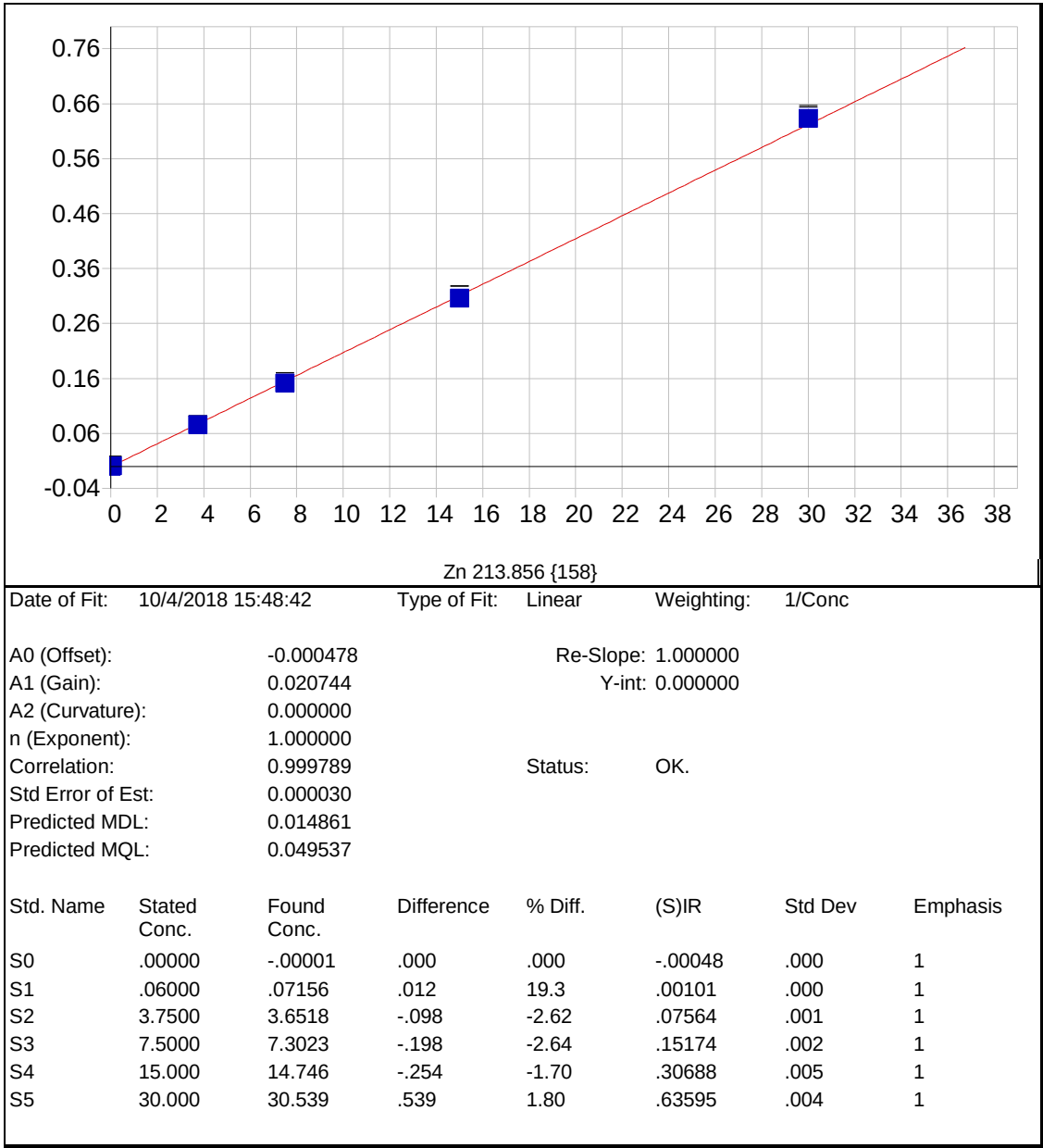
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00099	.001	1
S1	5.0000	5.1368	.137	2.74	.03674	.001	1
S2	37.500	37.840	.340	.906	.26431	.000	1
S3	75.000	73.678	-1.32	-1.76	.51371	.002	1
S4	150.00	148.25	-1.75	-1.17	1.0326	.003	1
S5	300.00	296.25	-3.75	-1.25	2.0625	.005	1
S6	800.00	806.35	6.35	.794	5.6123	.008	1

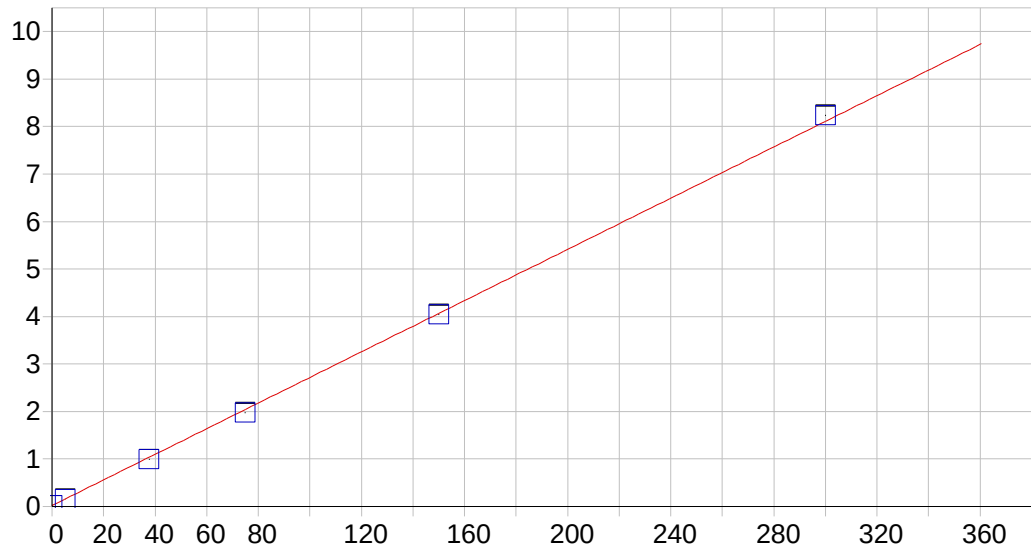


Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000103 Re-Slope: 1.000000
 A1 (Gain): 0.051348 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.006838
 Predicted MQL: 0.022794

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.05000	.05076	.001	1.52	.00271	.000	1
S2	.62500	.64805	.023	3.69	.03232	.001	1
S3	1.2500	1.2660	.016	1.28	.06299	.001	1
S4	2.5000	2.5055	.006	.220	.12452	.000	1
S5	5.0000	4.9547	-.045	-.907	.24605	.001	1



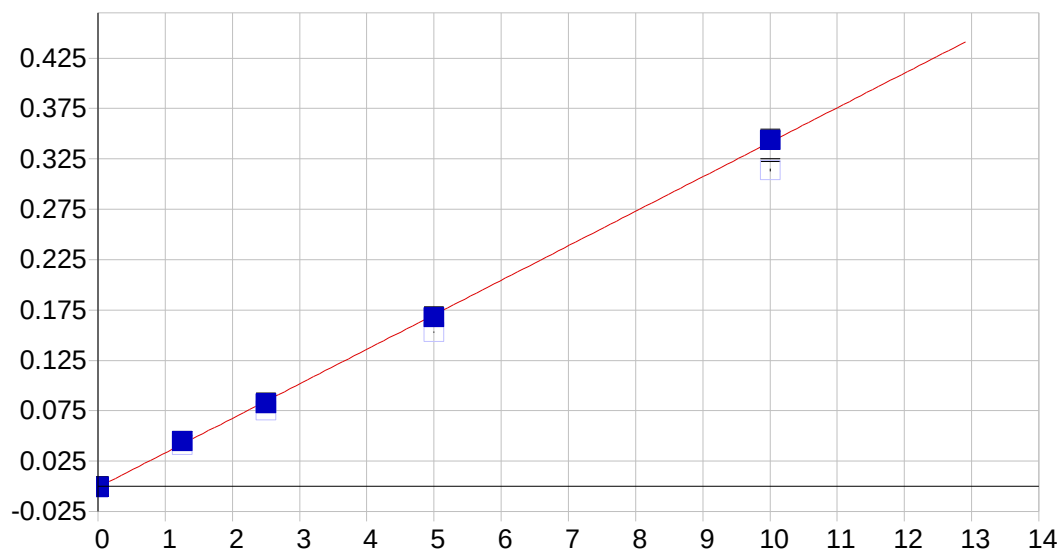


K 769.896 { 44}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.020292	Re-Slope: 1.000000
A1 (Gain):	0.026969	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999815	Status: OK.
Std Error of Est:	0.001070	
Predicted MDL:	0.072958	
Predicted MQL:	0.243193	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.02030	.000	1
S1	5.0000	4.9248	-.075	-1.50	.15311	.003	1
S2	37.500	36.122	-1.38	-3.67	.99448	.004	1
S3	75.000	72.567	-2.43	-3.24	1.9774	.008	1
S4	150.00	149.15	-.846	-.564	4.0429	.007	1
S5	300.00	304.73	4.73	1.58	8.2387	.012	1

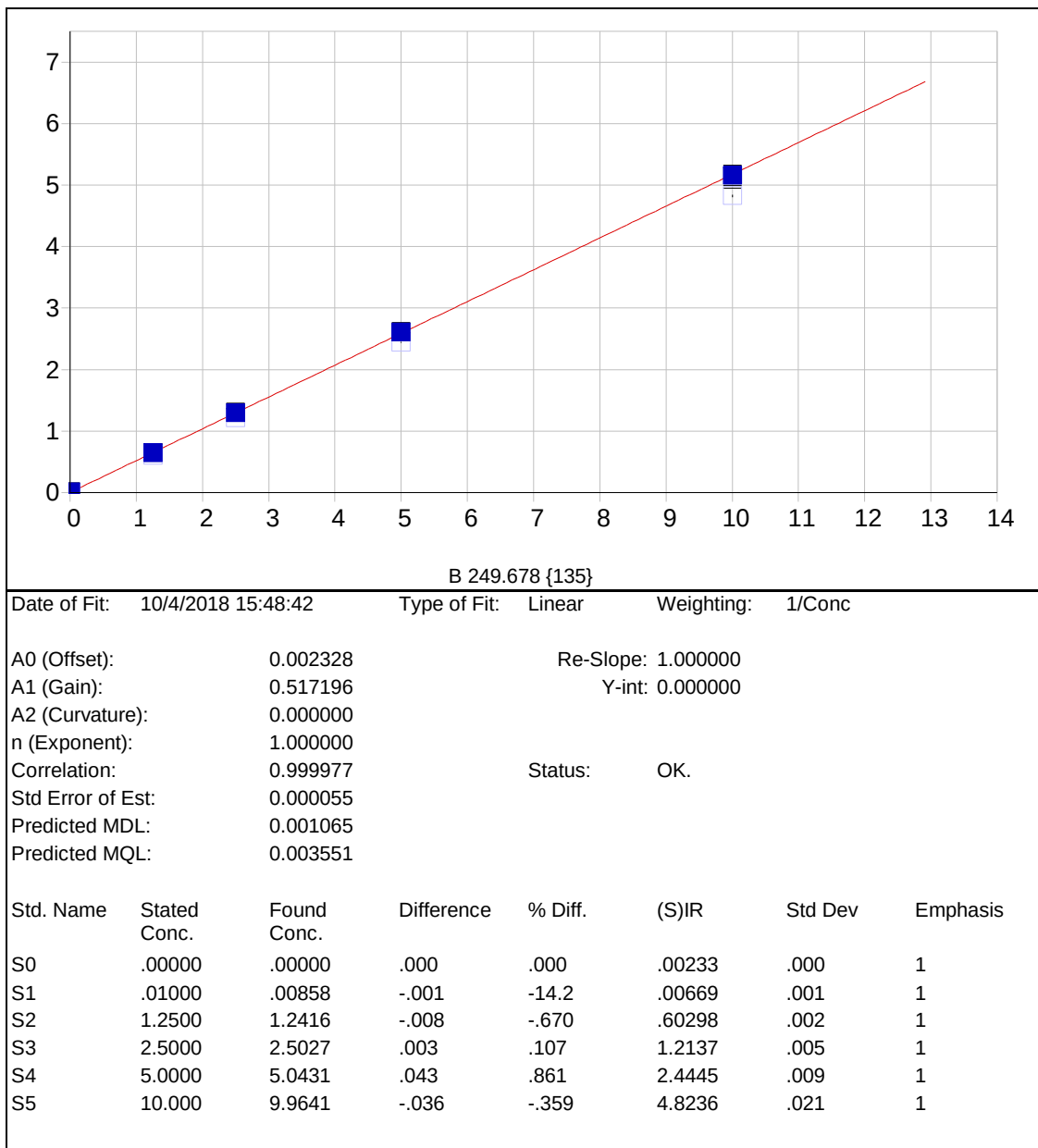


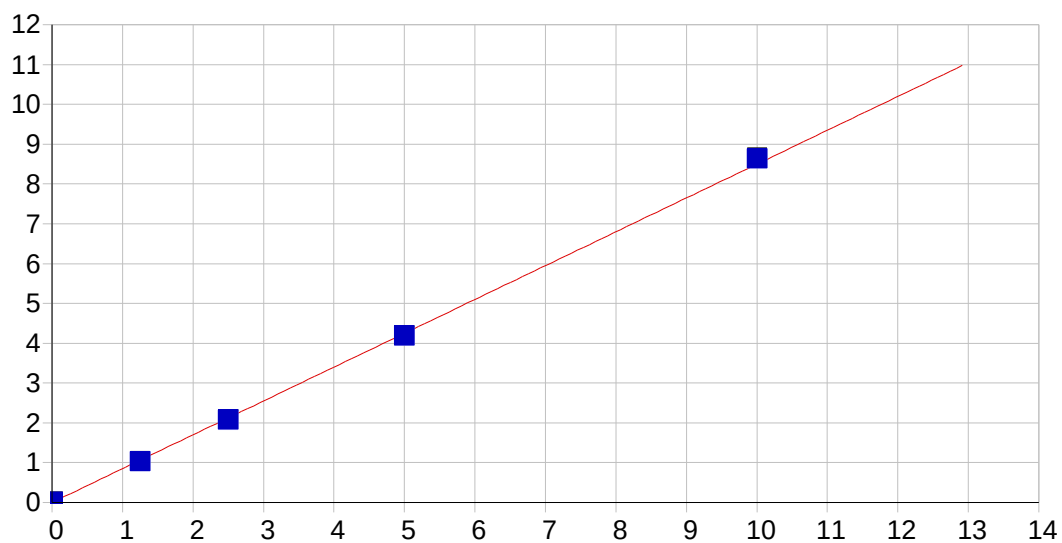
P 177.495 {490}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001057 Re-Slope: 1.000000
 A1 (Gain): 0.034260 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999739 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.002404
 Predicted MQL: 0.008015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00106	.000	1
S1	.01000	.00904	-.001	-9.57	-.00077	.000	1
S2	1.2500	1.3296	.080	6.37	.04080	.000	1
S3	2.5000	2.4364	-.064	-2.55	.07503	.000	1
S4	5.0000	4.9271	-.073	-1.46	.15297	.001	1
S5	10.000	10.058	.058	.579	.31398	.001	1



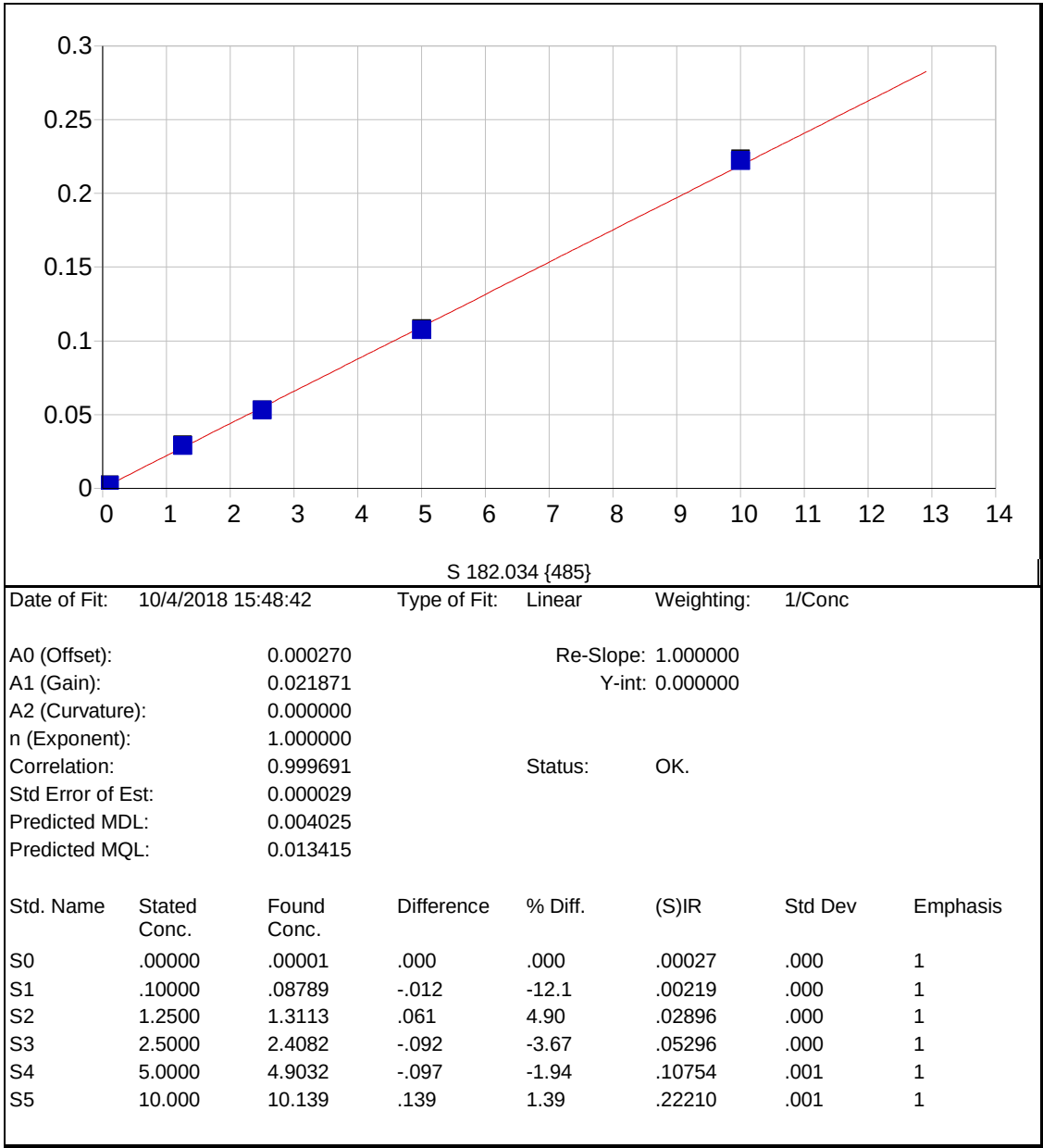


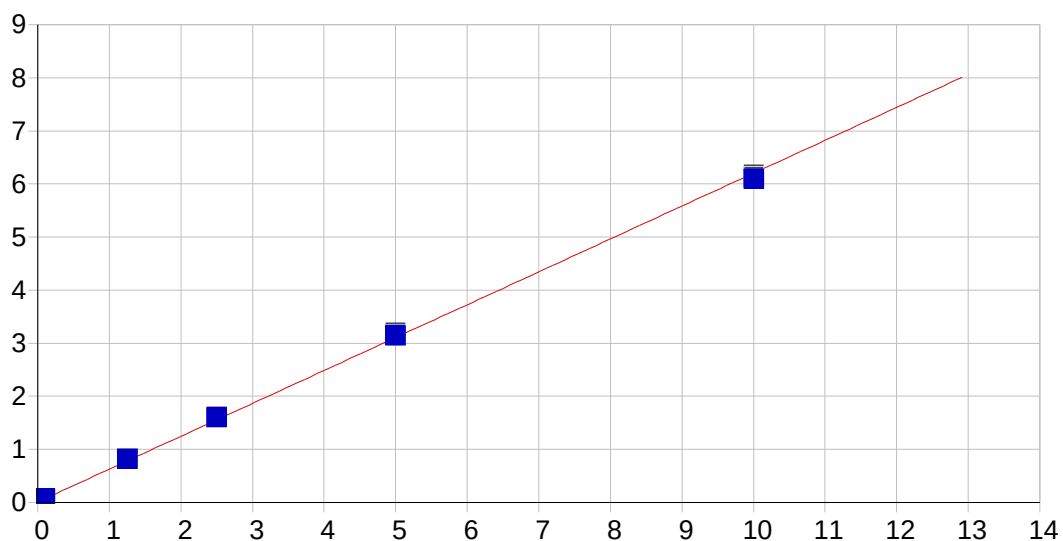
Mo 202.030 {467}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000640 Re-Slope: 1.000000
 A1 (Gain): 0.849748 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999841 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.000270
 Predicted MQL: 0.000901

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.01000	.01005	.000	.484	.00918	.000	1
S2	1.2500	1.2212	-.029	-2.30	1.0383	.001	1
S3	2.5000	2.4394	-.061	-2.43	2.0734	.007	1
S4	5.0000	4.9248	-.075	-1.50	4.1853	.007	1
S5	10.000	10.165	.165	1.65	8.6376	.020	1



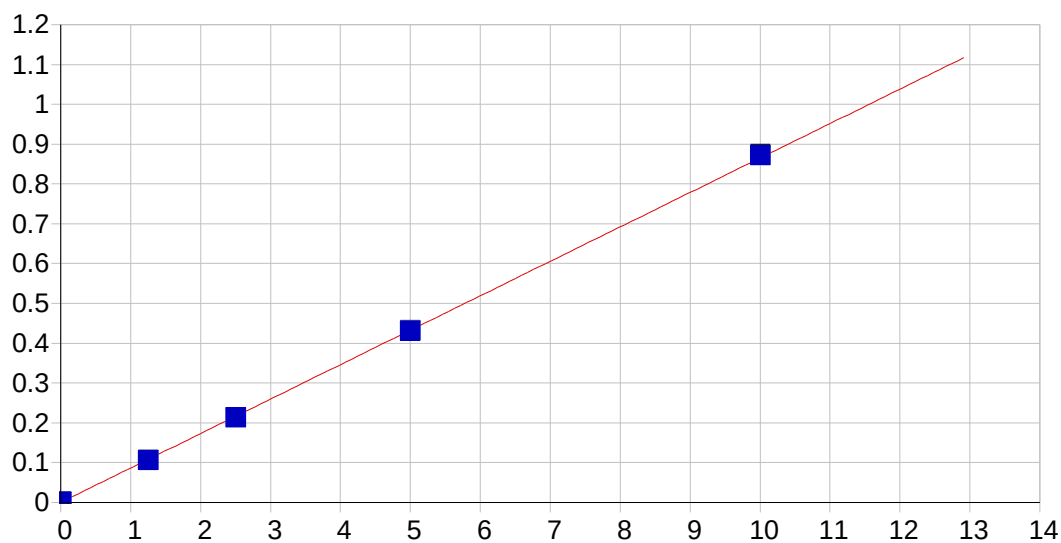


Si 251.611 {134}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008142 Re-Slope: 1.000000
 A1 (Gain): 0.619479 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999790 Status: OK.
 Std Error of Est: 0.000681
 Predicted MDL: 0.001034
 Predicted MQL: 0.003447

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00814	.000	1
S1	.10000	.10101	.001	1.01	.07093	.002	1
S2	1.2500	1.3063	.056	4.50	.82372	.005	1
S3	2.5000	2.5642	.064	2.57	1.6093	.005	1
S4	5.0000	5.0575	.058	1.15	3.1666	.023	1
S5	10.000	9.8210	-.179	-1.79	6.1428	.029	1

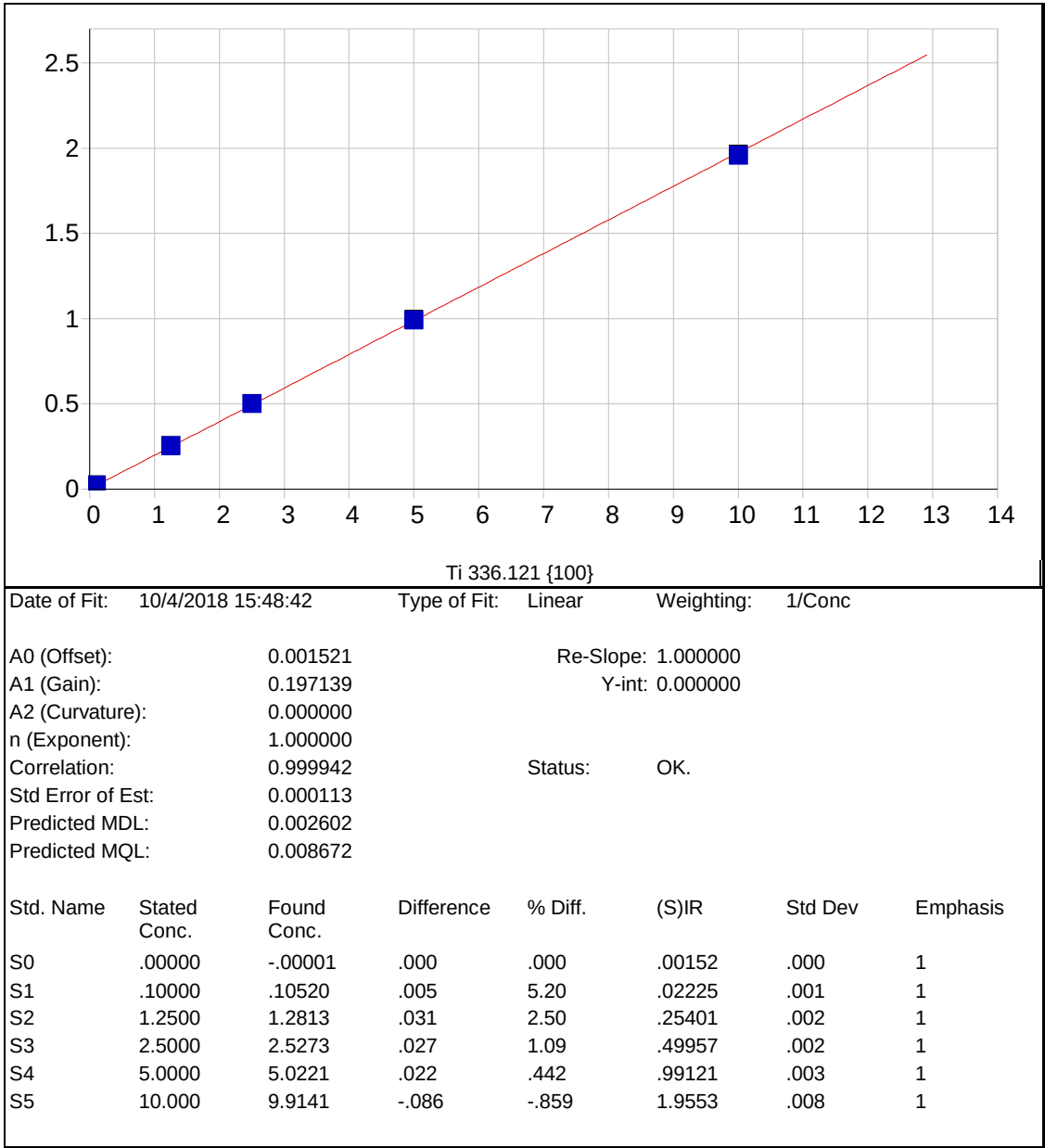


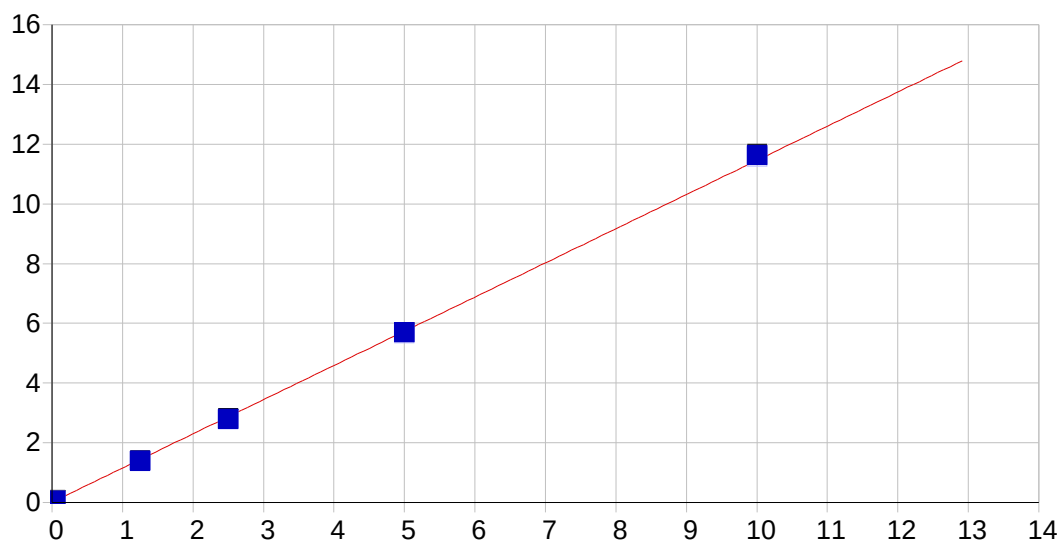
Sn 189.989 {478}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000160 Re-Slope: 1.000000
 A1 (Gain): 0.086498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001007
 Predicted MQL: 0.003357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.00700	.00658	.000	-6.06	.00071	.000	1
S2	1.2500	1.2216	-.028	-2.27	.10559	.000	1
S3	2.5000	2.4605	-.040	-1.58	.21251	.000	1
S4	5.0000	4.9867	-.013	-.267	.43054	.001	1
S5	10.000	10.082	.082	.816	.87029	.002	1



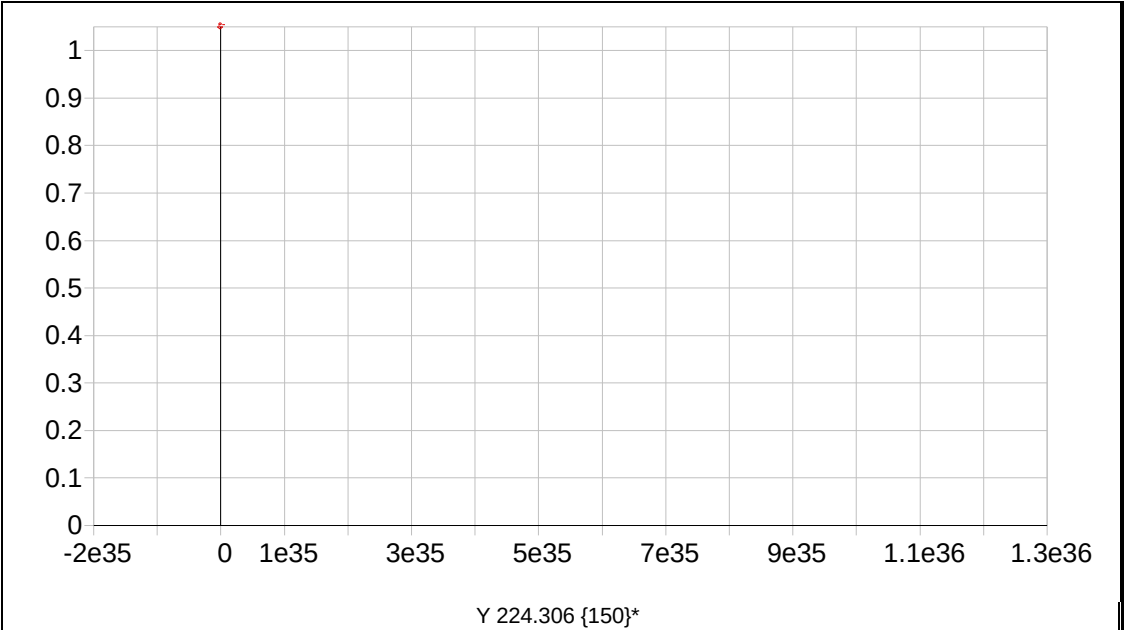


Li 670.784 { 50}

Date of Fit: 10/4/2018 15:48:42 Type of Fit: Linear Weighting: 1/Conc

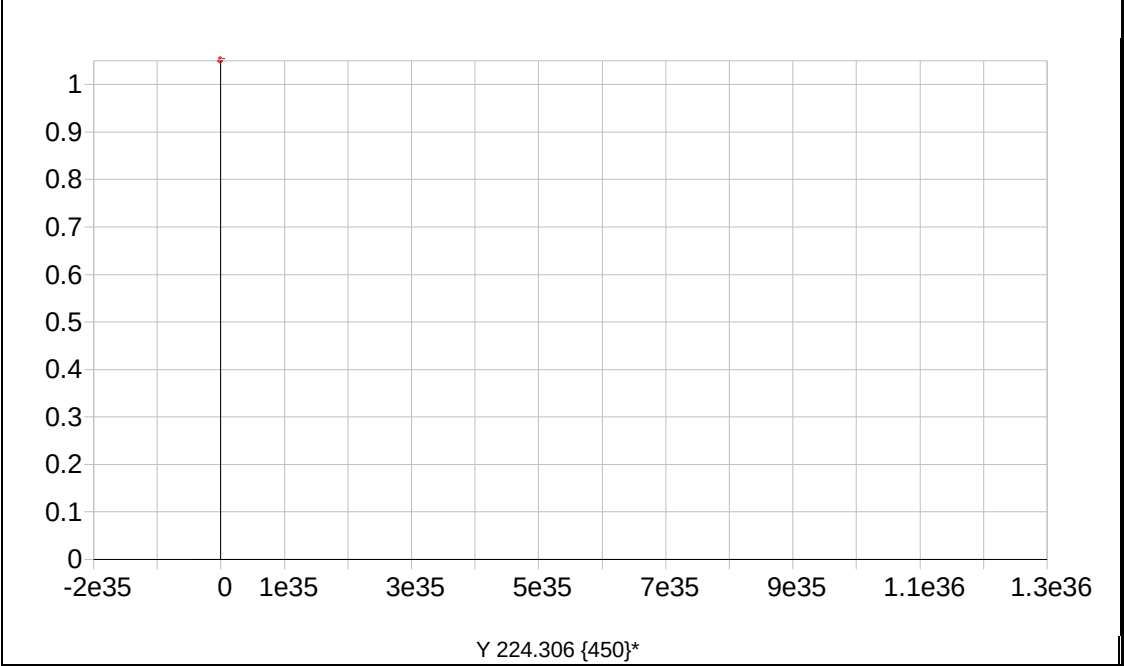
A0 (Offset): 0.009511 Re-Slope: 1.000000
 A1 (Gain): 1.144660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000783
 Predicted MDL: 0.001968
 Predicted MQL: 0.006559

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00952	.002	1
S5	10.000	10.154	.154	1.54	11.569	.031	1
S4	5.0000	4.9595	-.040	-.809	5.6543	.011	1
S3	2.5000	2.4345	-.066	-2.62	2.7801	.007	1
S2	1.2500	1.2041	-.046	-3.67	1.3797	.005	1
S1	.05000	.04746	-.003	-5.08	.06372	.002	1

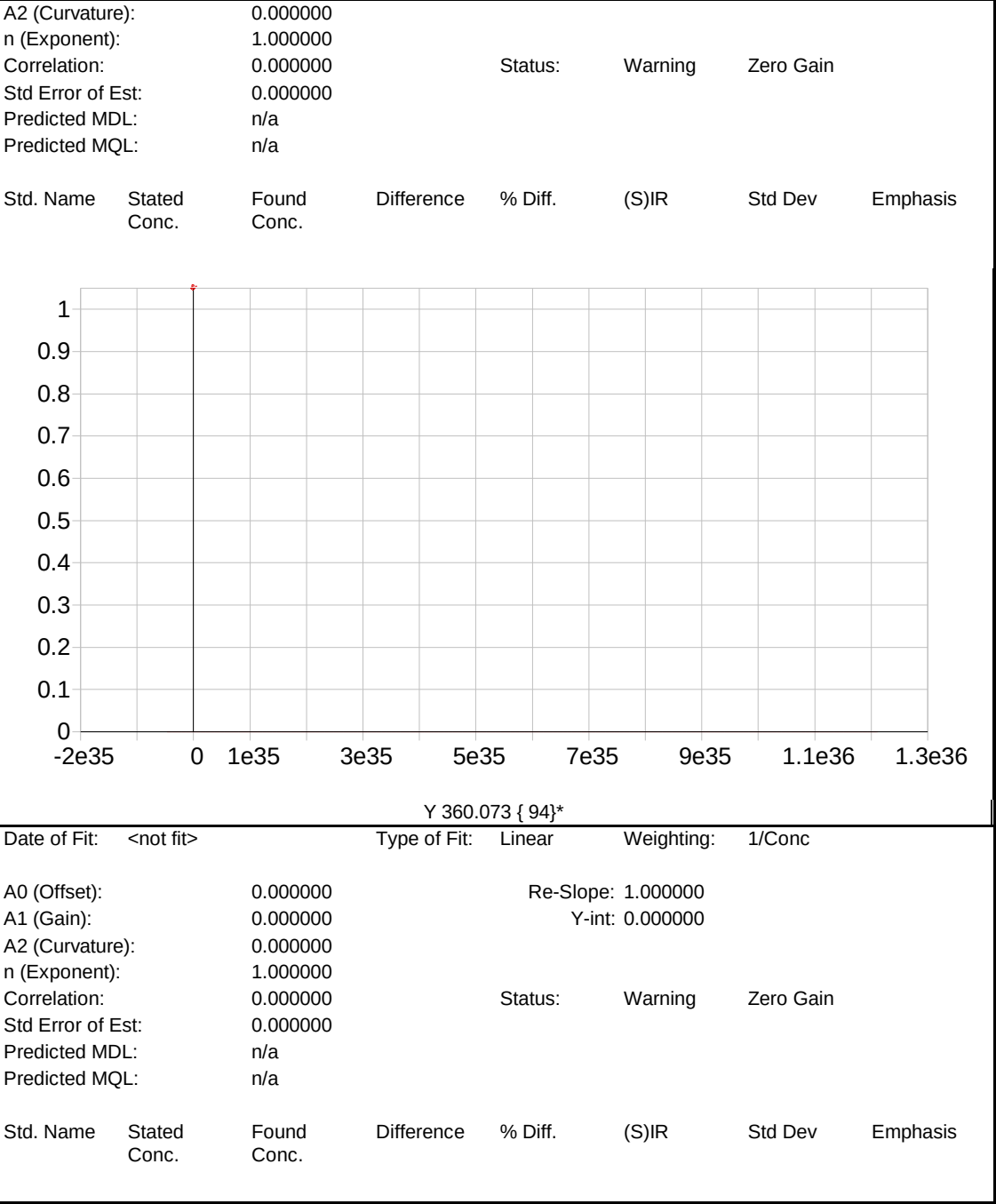


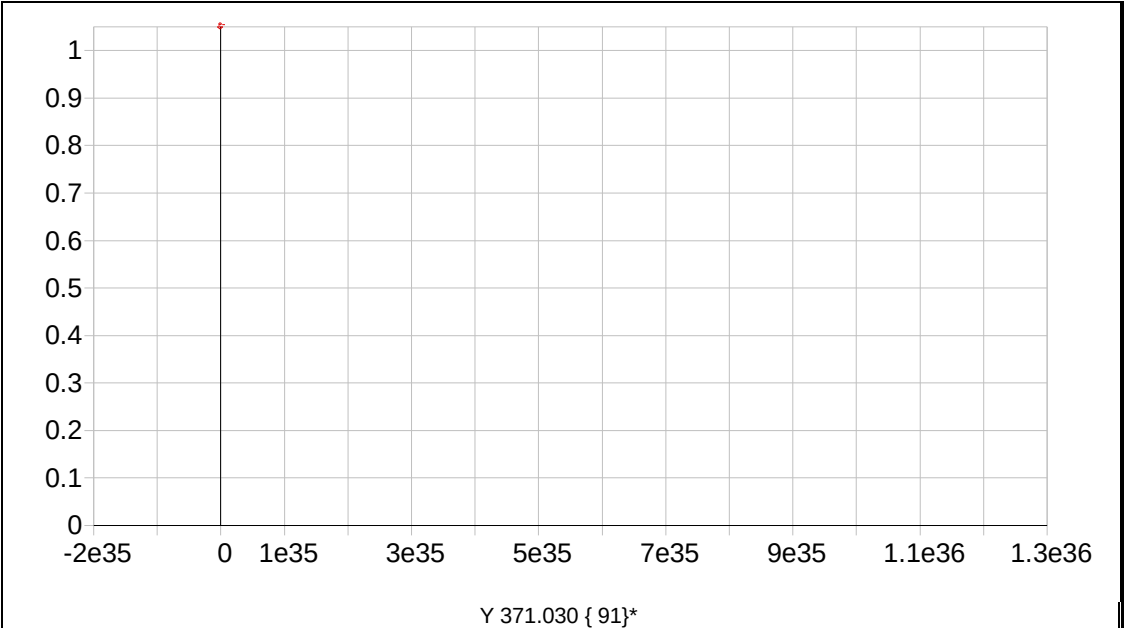
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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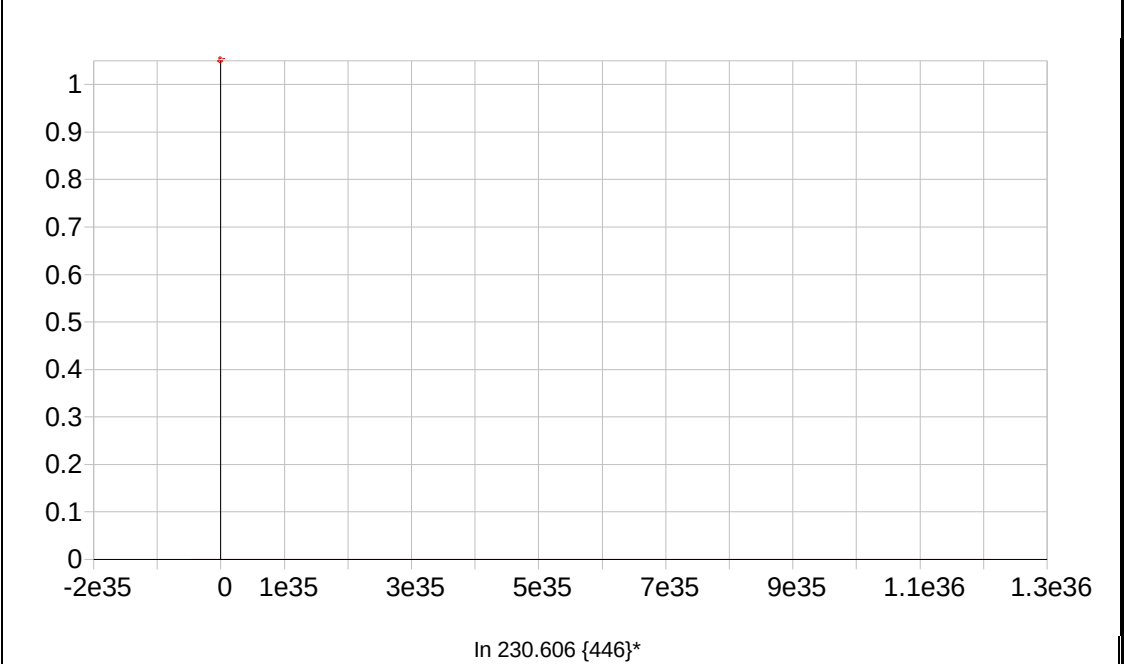
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



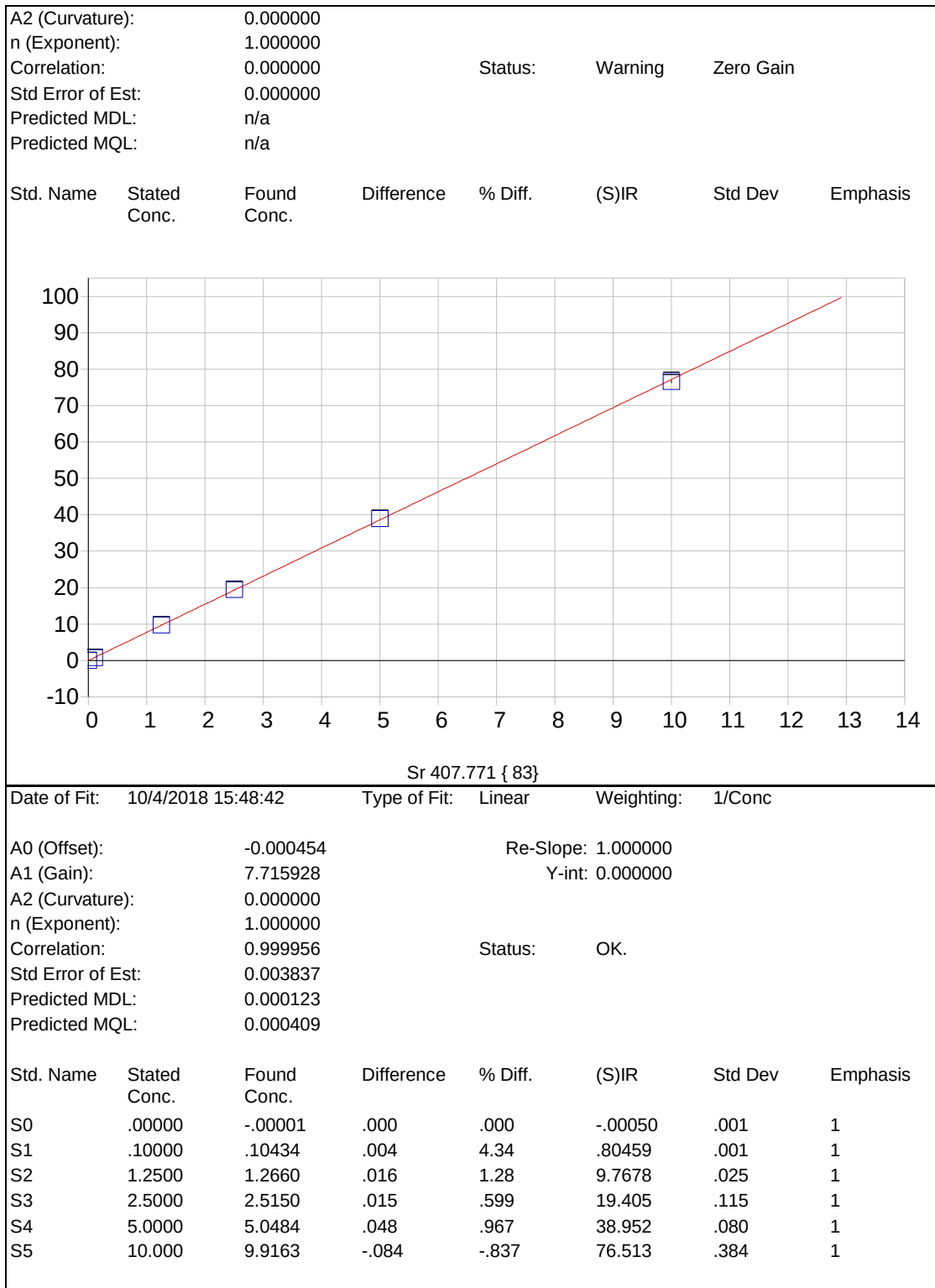


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 10/4/2018 14:38:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	-.00022	-.00039	-.00033	.00047	.00061	.00407	.01614	-.00286
Stddev	.00012	.00007	.00013	.00015	.00019	.00038	.00262	.00041
%RSD	55.365	17.401	37.969	31.890	31.588	9.3369	16.254	14.318

#1	-.00035	-.00045	-.00028	.00059	.00053	.00399	.01451	-.00334
#2	-.00020	-.00032	-.00047	.00052	.00083	.00374	.01917	-.00268
#3	-.00011	-.00039	-.00024	.00030	.00047	.00449	.01476	-.00258

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	.00016	.00191	-.00001	.00014	.00066	.00027	-.00011	-.00017
Stddev	.00007	.00062	.00005	.00008	.00021	.00010	.00027	.00019
%RSD	41.226	32.257	550.39	56.867	31.225	38.031	242.36	112.96

#1	.00009	.00158	-.00005	.00021	.00043	.00037	-.00005	-.00027
#2	.00022	.00263	-.00003	.00016	.00077	.00017	.00012	-.00030
#3	.00018	.00153	.00005	.00005	.00080	.00027	-.00041	.00005

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	-.00136	-.00084	.00099	.00010	-.00048	.02030	-.00106	.00233
Stddev	.00007	.00006	.00063	.00027	.00011	.00024	.00009	.00015
%RSD	5.1559	7.2727	63.496	257.55	23.445	1.1586	8.4753	6.4112

#1	-.00130	-.00091	.00132	.00002	-.00060	.02004	-.00095	.00245
#2	-.00134	-.00080	.00027	.00040	-.00039	.02050	-.00110	.00237
#3	-.00144	-.00081	.00139	-.00011	-.00045	.02037	-.00112	.00216

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	.00064	.00027	.00814	.00016	.00152	.00952	-.00050	
Stddev	.00028	.00010	.00022	.00005	.00031	.00175	.00085	
%RSD	44.082	37.218	2.6851	29.233	20.369	18.414	168.12	

#1	.00032	.00035	.00825	.00019	.00157	.00833	.00002	
#2	.00085	.00030	.00789	.00018	.00180	.01153	-.00148	
#3	.00076	.00016	.00828	.00011	.00119	.00869	-.00005	

Sample Name: S0 Acquired: 10/4/2018 14:38:42 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2498.7	2780.5	55955.	5248.5	5172.0
Stddev	28.4	2.3	208.	21.2	3.0
%RSD	1.1357	.08139	.37215	.40341	.05705
#1	2506.9	2779.9	55956.	5229.2	5171.8
#2	2467.1	2778.5	55747.	5271.2	5169.1
#3	2522.1	2783.0	56163.	5245.2	5175.0

Sample Name: S1 Acquired: 10/4/2018 14:42:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	.00013	.00093	.00106	.00317	.01152	.01752	.67628	.04380
Stddev	.00007	.00011	.00010	.00010	.00024	.00135	.00098	.00104
%RSD	50.557	11.398	9.3805	3.0477	2.1191	7.7059	.14436	2.3707

#1	.00017	.00083	.00113	.00310	.01160	.01620	.67673	.04265
#2	.00006	.00104	.00094	.00313	.01124	.01745	.67516	.04408
#3	.00017	.00092	.00110	.00328	.01171	.01890	.67696	.04468

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	.01113	.14285	.00156	.02458	.00405	.00144	.00188	.02119
Stddev	.00016	.00084	.00005	.00009	.00051	.00009	.00013	.00023
%RSD	1.4536	.58474	3.1893	.35949	12.576	6.0698	7.0052	1.0846

#1	.01131	.14379	.00158	.02467	.00464	.00137	.00196	.02120
#2	.01099	.14219	.00159	.02449	.00371	.00153	.00196	.02141
#3	.01110	.14255	.00150	.02458	.00380	.00141	.00173	.02095

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	.01785	.00096	.03674	.00271	.00101	.15311	-.00077	.00669
Stddev	.00014	.00002	.00121	.00030	.00015	.00316	.00009	.00066
%RSD	.76692	1.6904	3.2835	10.935	14.414	2.0659	12.017	9.9063

#1	.01771	.00094	.03613	.00243	.00103	.15291	-.00086	.00729
#2	.01799	.00097	.03596	.00302	.00085	.15005	-.00078	.00679
#3	.01784	.00097	.03813	.00267	.00114	.15637	-.00067	.00598

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	.00918	.00219	.07093	.00071	.02225	.06372	.80459	
Stddev	.00006	.00004	.00156	.00003	.00051	.00203	.00118	
%RSD	.67982	1.9412	2.1968	4.0812	2.2933	3.1864	.14659	

#1	.00911	.00220	.06987	.00070	.02177	.06607	.80391	
#2	.00924	.00214	.07020	.00073	.02278	.06249	.80391	
#3	.00917	.00223	.07272	.00068	.02221	.06262	.80596	

Sample Name: S1 Acquired: 10/4/2018 14:42:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2524.4	2795.1	56633.	5283.4	5239.9
Stddev	6.3	3.6	78.	37.6	1.5
%RSD	.24802	.13009	.13846	.71212	.02848
#1	2525.9	2796.5	56613.	5278.1	5238.6
#2	2517.6	2797.9	56567.	5323.4	5239.5
#3	2529.8	2791.0	56720.	5248.7	5241.5

Sample Name: S2 Acquired: 10/4/2018 14:46:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	.05599	.06677	.73991	.09696	.22021	2.7160	7.9048	1.1353
Stddev	.00030	.00049	.00179	.00011	.00048	.0167	.0186	.0077
%RSD	.53109	.73508	.24129	.11413	.21691	.61629	.23552	.67896

#1	.05633	.06621	.73819	.09683	.21972	2.6995	7.8950	1.1292
#2	.05581	.06713	.73977	.09703	.22067	2.7329	7.9262	1.1440
#3	.05582	.06697	.74175	.09702	.22025	2.7157	7.8931	1.1328

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	1.2984	1.6985	.55059	.29980	.41698	.38147	.44336	.26191
Stddev	.0046	.0193	.00079	.00111	.00145	.00432	.00688	.00332
%RSD	.35394	1.1358	.14423	.36865	.34742	1.1330	1.5516	1.2673

#1	1.2955	1.6776	.55013	.29855	.41603	.37666	.43550	.25813
#2	1.2961	1.7156	.55013	.30023	.41865	.38270	.44833	.26325
#3	1.3037	1.7023	.55151	.30063	.41626	.38503	.44623	.26434

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	.28263	.05368	.26431	.03232	.07564	.99448	.04080	.60298
Stddev	.00069	.00013	.00036	.00095	.00063	.00404	.00012	.00183
%RSD	.24320	.24126	.13625	2.9416	.82886	.40596	.30290	.30297

#1	.28249	.05378	.26406	.03144	.07492	.99511	.04067	.60100
#2	.28203	.05354	.26473	.03220	.07604	.99817	.04082	.60460
#3	.28338	.05374	.26415	.03333	.07596	.99017	.04091	.60335

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	1.0383	.02896	.82372	.10559	.25401	1.3797	9.7678	
Stddev	.0011	.00016	.00480	.00037	.00235	.0048	.0248	
%RSD	.10353	.54671	.58218	.34765	.92631	.34781	.25364	

#1	1.0371	.02881	.81882	.10533	.25133	1.3758	9.7798	
#2	1.0390	.02893	.82840	.10543	.25570	1.3851	9.7843	
#3	1.0389	.02913	.82394	.10601	.25502	1.3782	9.7393	

Sample Name: S2 Acquired: 10/4/2018 14:46:59 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2468.5	2704.0	55867.	5266.6	4986.8
Stddev	7.6	2.7	356.	21.7	8.6
%RSD	.30853	.09838	.63789	.41206	.17296
#1	2462.9	2703.0	55607.	5262.4	4991.7
#2	2477.2	2707.0	56273.	5247.4	4991.9
#3	2465.5	2702.0	55722.	5290.1	4976.9

Sample Name: S3 Acquired: 10/4/2018 14:50:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	.11234	.13268	1.4829	.19095	.43784	5.3107	15.842	2.2320
Stddev	.00090	.00031	.0023	.00046	.00102	.0050	.020	.0095
%RSD	.79718	.23731	.15517	.24197	.23203	.09376	.12841	.42653

#1	.11213	.13248	1.4804	.19090	.43812	5.3057	15.825	2.2305
#2	.11156	.13250	1.4835	.19051	.43671	5.3157	15.837	2.2233
#3	.11332	.13304	1.4849	.19143	.43869	5.3109	15.865	2.2422

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5845	3.2902	1.0726	.60108	.82131	.73366	.86929	.51576
Stddev	.0036	.0168	.0013	.00079	.00282	.00509	.00765	.00299
%RSD	.13805	.51156	.12174	.13190	.34336	.69387	.87993	.58000

#1	2.5828	3.2758	1.0711	.60023	.81815	.72965	.86359	.51237
#2	2.5821	3.3087	1.0731	.60123	.82356	.73939	.87798	.51803
#3	2.5886	3.2862	1.0736	.60179	.82222	.73195	.86630	.51688

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	.56295	.10882	.51371	.06299	.15174	1.9774	.07503	1.2137
Stddev	.00081	.00040	.00162	.00122	.00207	.0085	.00022	.0047
%RSD	.14336	.36637	.31598	1.9290	1.3654	.42878	.28980	.38664

#1	.56211	.10838	.51185	.06226	.15033	1.9757	.07484	1.2109
#2	.56304	.10917	.51449	.06440	.15411	1.9699	.07497	1.2111
#3	.56372	.10891	.51480	.06232	.15076	1.9866	.07526	1.2191

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	2.0734	.05296	1.6093	.21251	.49957	2.7801	19.405	
Stddev	.0074	.00017	.0055	.00046	.00200	.0071	.115	
%RSD	.35839	.31171	.33894	.21574	.40111	.25649	.59311	

#1	2.0741	.05307	1.6079	.21213	.49729	2.7824	19.460	
#2	2.0657	.05277	1.6046	.21238	.50037	2.7721	19.273	
#3	2.0805	.05304	1.6153	.21302	.50104	2.7857	19.482	

Sample Name: S3 Acquired: 10/4/2018 14:50:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2406.4	2609.6	55409.	5224.0	4742.8
Stddev	1.1	6.8	82.	21.6	1.4
%RSD	.04584	.25924	.14779	.41275	.02979
#1	2407.6	2608.5	55316.	5219.2	4743.9
#2	2405.4	2616.9	55472.	5247.6	4743.1
#3	2406.4	2603.5	55438.	5205.2	4741.2

Sample Name: S4 Acquired: 10/4/2018 14:54:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	.22772	.26152	3.0044	.37378	.88490	10.736	31.846	4.4221
Stddev	.00098	.00099	.0059	.00157	.00056	.021	.037	.0095
%RSD	.43172	.37921	.19508	.42131	.06283	.19997	.11632	.21509

#1	.22686	.26099	3.0012	.37306	.88426	10.725	31.818	4.4241
#2	.22750	.26090	3.0009	.37269	.88522	10.723	31.830	4.4305
#3	.22879	.26266	3.0112	.37559	.88521	10.761	31.888	4.4118

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	5.1571	6.5975	2.1112	1.2101	1.6344	1.4460	1.7149	1.0412
Stddev	.0138	.0124	.0015	.0032	.0019	.0043	.0043	.0007
%RSD	.26707	.18856	.07021	.26844	.11547	.29495	.25144	.07068

#1	5.1499	6.5974	2.1117	1.2087	1.6339	1.4442	1.7130	1.0404
#2	5.1484	6.5851	2.1123	1.2078	1.6328	1.4430	1.7118	1.0419
#3	5.1729	6.6100	2.1095	1.2138	1.6365	1.4509	1.7198	1.0412

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	1.1280	.22167	1.0326	.12452	.30688	4.0429	.15297	2.4445
Stddev	.0039	.00203	.0026	.00010	.00542	.0066	.00067	.0088
%RSD	.34109	.91721	.24724	.08431	1.7654	.16411	.43997	.35960

#1	1.1265	.21932	1.0306	.12442	.30555	4.0358	.15273	2.4360
#2	1.1251	.22287	1.0318	.12451	.30225	4.0439	.15245	2.4535
#3	1.1324	.22282	1.0355	.12463	.31283	4.0489	.15373	2.4442

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	4.1853	.10754	3.1666	.43054	.99121	5.6543	38.952	
Stddev	.0066	.00051	.0229	.00111	.00303	.0106	.080	
%RSD	.15695	.47842	.72433	.25699	.30551	.18733	.20505	

#1	4.1807	.10749	3.1530	.43042	.98913	5.6442	38.955	
#2	4.1825	.10706	3.1930	.42950	.98981	5.6534	39.031	
#3	4.1928	.10808	3.1536	.43170	.99468	5.6653	38.871	

Sample Name: S4 Acquired: 10/4/2018 14:54:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2305.0	2471.2	54579.	5137.5	4456.0
Stddev	13.8	2.5	156.	14.8	8.2
%RSD	.60008	.09929	.28565	.28850	.18303
#1	2303.6	2468.4	54751.	5135.0	4450.1
#2	2319.4	2473.2	54539.	5124.2	4465.3
#3	2291.9	2471.9	54447.	5153.5	4452.6

Sample Name: S5 Acquired: 10/4/2018 14:58:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	.47722	.51063	6.0748	.74165	1.8445	21.755	62.321	8.5729
Stddev	.00216	.00156	.0098	.00218	.0049	.033	.555	.0309
%RSD	.45275	.30572	.16191	.29357	.26363	.15293	.89005	.36064

#1	.47655	.51101	6.0699	.73921	1.8400	21.718	62.121	8.5447
#2	.47548	.50891	6.0685	.74338	1.8439	21.782	61.894	8.5681
#3	.47964	.51197	6.0862	.74237	1.8496	21.766	62.948	8.6060

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	10.270	13.031	4.1072	2.4386	3.2449	2.8069	3.3149	2.0930
Stddev	.015	.023	.0049	.0042	.0013	.0058	.0061	.0035
%RSD	.14877	.17603	.11808	.17185	.04033	.20735	.18269	.16785

#1	10.254	13.007	4.1028	2.4377	3.2441	2.8092	3.3096	2.0892
#2	10.271	13.032	4.1065	2.4349	3.2442	2.8003	3.3136	2.0961
#3	10.285	13.053	4.1124	2.4431	3.2464	2.8113	3.3215	2.0937

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	2.2545	.45971	2.0625	.24605	.63595	8.2387	.31398	4.8236
Stddev	.0038	.00095	.0049	.00075	.00418	.0116	.00119	.0207
%RSD	.16668	.20752	.23895	.30534	.65682	.14109	.38031	.42828

#1	2.2506	.46008	2.0585	.24518	.64056	8.2270	.31327	4.8086
#2	2.2550	.45862	2.0611	.24641	.63487	8.2388	.31331	4.8152
#3	2.2581	.46042	2.0680	.24655	.63242	8.2502	.31535	4.8472

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	8.6376	.22210	6.1428	.87029	1.9553	11.569	76.513	
Stddev	.0203	.00102	.0290	.00215	.0079	.031	.384	
%RSD	.23535	.45766	.47225	.24733	.40363	.26984	.50222	

#1	8.6141	.22096	6.1443	.86855	1.9469	11.534	76.627	
#2	8.6483	.22244	6.1131	.86963	1.9625	11.595	76.085	
#3	8.6503	.22291	6.1711	.87270	1.9564	11.576	76.828	

Sample Name: S5 Acquired: 10/4/2018 14:58:35 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	2159.8	2271.0	53215.	5108.7	4129.9
Stddev	2.5	4.2	103.	20.5	6.1
%RSD	.11649	.18557	.19414	.40205	.14727
#1	2157.1	2274.4	53334.	5130.9	4131.5
#2	2160.3	2272.4	53158.	5104.9	4134.9
#3	2162.0	2266.3	53152.	5090.3	4123.1

Sample Name: S6 Acquired: 10/4/2018 15:02:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	57.846	20.890	7.3782	3.3637	5.6123
Stddev	.028	.054	.0112	.0061	.0082
%RSD	.04773	.25654	.15217	.18147	.14569

#1	57.876	20.873	7.3866	3.3663	5.6072
#2	57.842	20.950	7.3825	3.3680	5.6217
#3	57.821	20.846	7.3654	3.3567	5.6079

Int. Std.	Y_3710
Units	Cts/S
Avg	4908.6
Stddev	22.3
%RSD	.45383

#1	4898.2
#2	4893.4
#3	4934.2

Sample Name: ICV Acquired: 10/4/2018 15:06:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9366780	1.031261	.9386502	.9978540	.9160160	2.338938	.5085700
Stddev	.0002370	.003893	.0022409	.0014499	.0026174	.011467	.0012349
%RSD	.0252996	.3775162	.2387323	.1452983	.2857354	.4902776	.2428152

#1	.9366606	1.035754	.9412263	.9965797	.9185644	2.326138	.5099174
#2	.9369232	1.028905	.9375727	.9975509	.9133347	2.342402	.5083006
#3	.9364503	1.029123	.9371517	.9994315	.9161487	2.348274	.5074921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4938117	.4950371	10.26017	.5329607	.4920267	.5258295	5.433830
Stddev	.0031043	.0006976	.03464	.0003932	.0012783	.0012568	.011144
%RSD	.6286444	.1409166	.3375801	.0737770	.2598122	.2390041	.2050897

#1	.4960510	.4954706	10.22023	.5325370	.4909559	.5266500	5.436973
#2	.4951161	.4942324	10.28196	.5330314	.4916822	.5264558	5.421452
#3	.4902681	.4954083	10.27831	.5333138	.4934420	.5243826	5.443065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5168707	5.750305	.5072196	.4711398	9.867088	.5335701	.9787353
Stddev	.0031148	.117568	.0012494	.0011545	.345307	.0073127	.0106682
%RSD	.6026273	2.044544	.2463145	.2450491	3.499588	1.370530	1.089995

#1	.5136792	5.881603	.5069389	.4699431	10.02862	.5333018	.9664340
#2	.5199027	5.714531	.5061345	.4712295	10.10203	.5263953	.9854511
#3	.5170301	5.654779	.5085854	.4722469	9.47062	.5410134	.9843207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.597695	5.037492	5.119460	4.842922	5.397930	4.760769	4.933197
Stddev	.018088	.015839	.024170	.003748	.014455	.022810	.004082
%RSD	.1884665	.3144236	.4721247	.0773996	.2677933	.4791138	.0827481

#1	9.600265	5.033788	5.138719	4.847220	5.392285	4.780775	4.937886
#2	9.614361	5.023833	5.127324	4.841217	5.414356	4.765601	4.930431
#3	9.578459	5.054855	5.092337	4.840329	5.387149	4.735931	4.931275

Sample Name: ICV Acquired: 10/4/2018 15:06:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.261362	.0165423	.0121479
Stddev	.006948	.0011184	.0000701
%RSD	.1320620	6.760978	.5773732

#1	5.261501	.0163434	.0122270
#2	5.254345	.0155366	.0121233
#3	5.268240	.0177468	.0120933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.733	2791.440	56332.49	5278.381	5240.620
Stddev	6.231	5.326	16.45	34.297	13.016
%RSD	.2479656	.1908126	.0292094	.6497718	.2483672

#1	2510.533	2785.619	56321.93	5248.853	5225.591
#2	2519.766	2792.630	56324.08	5270.291	5248.271
#3	2507.901	2796.071	56351.45	5316.001	5247.998

Sample Name: ICB Acquired: 10/4/2018 15:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	-.000926	-.001615	.0001867	-.002180	-.001195	-.008975	-.002170
Stddev	.002180	.000498	.0020952	.001638	.001081	.002351	.001111
%RSD	235.4383	30.81073	1122.231	75.16320	90.49095	26.19594	51.22301

#1	.001294	-.001672	-.001574	-.003905	-.002416	-.007027	-.000986
#2	-.003063	-.001091	-.000370	-.001989	-.000360	-.011587	-.002333
#3	-.001008	-.002081	.002504	-.000645	-.000809	-.008313	-.003190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0001013	-.002053	.0002174	-.000051	.0073289	-.019794
Stddev	.000018	.0000138	.021993	.0003623	.000142	.0032479	.020872
%RSD	52.70137	13.57166	1071.098	166.6800	278.7731	44.31631	105.4495

#1	-.000015	.0000878	-.025204	-.000199	-.000004	.0099190	-.007736
#2	-.000036	.0001010	.018562	.000464	.000062	.0036849	-.007750
#3	-.000050	.0001153	.000482	.000386	-.000210	.0083827	-.043895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010315	.0460639	.0003107	-.000692	-.144212	-.001233	.0044551
Stddev	.0016500	.0134877	.0002067	.000366	.198435	.003643	.0143806
%RSD	159.9620	29.28041	66.51356	52.83173	137.5995	295.5367	322.7899

#1	.0013143	.0603158	.0005488	-.000978	-.154571	-.005274	.0189730
#2	.0025217	.0443766	.0001785	-.000819	.059199	-.000222	.0041765
#3	-.000742	.0334992	.0002047	-.000280	-.337266	.001798	-.009784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840640	.0005120	.0037118	.0002035	-.005652	.0009597	.0024167
Stddev	.0370291	.0002345	.0015470	.0001055	.001421	.0011342	.0006647
%RSD	44.04873	45.80954	41.67654	51.85392	25.14733	118.1881	27.50557

#1	.0539710	.0007747	.0020051	.0001134	-.007007	.0022440	.0024225
#2	.0728052	.0004376	.0041088	.0003196	-.004172	.0000955	.0017491
#3	.1254157	.0003237	.0050216	.0001775	-.005776	.0005395	.0030785

Sample Name: ICB Acquired: 10/4/2018 15:20:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) 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	-.002228	.0045432	.0001261
Stddev	.001486	.0007654	.0000696
%RSD	66.70213	16.84622	55.23287

#1	-.001135	.0050846	.0002003
#2	-.001629	.0036676	.0001159
#3	-.003921	.0048775	.0000621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.282	2780.023	55925.01	5256.813	5199.208
Stddev	8.414	5.792	149.20	16.691	16.586
%RSD	.3366596	.2083588	.2667936	.3175153	.3190026

#1	2501.972	2774.873	56090.70	5244.280	5182.823
#2	2506.021	2786.294	55883.07	5250.400	5215.987
#3	2489.851	2778.903	55801.27	5275.760	5198.814

Sample Name: ICSA Acquired: 10/4/2018 15:32:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007384	.0052050	.0019074	-.016232	.0022238	241.7293	.0053804
Stddev	.002655	.0022635	.0021525	.003992	.0016446	1.2008	.0012638
%RSD	35.96037	43.48745	112.8520	24.59220	73.95691	.4967691	23.48818

#1	-.008801	.0078184	.0014231	-.015481	.0012912	240.3435	.0050740
#2	-.009030	.0038645	.0000383	-.020546	.0041227	242.3811	.0042980
#3	-.004321	.0039322	.0042607	-.012669	.0012574	242.4632	.0067692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008246	-.000321	255.0008	.0512344	.0024206	-.002515	105.0871
Stddev	.0000259	.000014	1.7982	.0007149	.0002305	.000389	.9211
%RSD	3.144727	4.493723	.7051826	1.395409	9.521503	15.45122	.8765297

#1	.0008064	-.000306	252.9519	.0514923	.0026291	-.002769	104.1451
#2	.0008130	-.000334	256.3170	.0517846	.0024598	-.002708	105.9858
#3	.0008543	-.000323	255.7334	.0504263	.0021731	-.002068	105.1303

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123577	258.4552	-.000201	-.000642	.1993186	.0027609	-.001915
Stddev	.0008428	2.0686	.000314	.000392	.2341934	.0070389	.012570
%RSD	6.819788	.8003593	156.2357	61.17217	117.4970	254.9485	656.2788

#1	.0116569	256.1227	-.000000	-.000997	.1123529	.0101082	.005260
#2	.0121234	260.0671	-.000564	-.000220	.4645541	.0020972	.005424
#3	.0132929	259.1758	-.000040	-.000707	.0210487	-.003923	-.016430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117279	.0033798	-.000817	.0014336	.0064540	-.002201	-.003018
Stddev	.069451	.0015654	.001859	.0002123	.0001346	.000744	.001766
%RSD	59.21872	46.31679	227.6154	14.80743	2.086191	33.81064	58.51095

#1	-.170382	.0021269	-.001273	.0013139	.0065956	-.002978	-.004200
#2	-.142770	.0028779	.001228	.0013082	.0063277	-.001495	-.000988
#3	-.038684	.0051346	-.002405	.0016787	.0064386	-.002131	-.003866

Sample Name: ICSA Acquired: 10/4/2018 15:32:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006301	.0104389	.1039642
Stddev	.002390	.0013072	.0003136
%RSD	37.93714	12.52205	.3016353

#1	-.008177	.0089357	.1036029
#2	-.007117	.0110721	.1041239
#3	-.003609	.0113089	.1041658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.530	2604.598	54142.86	5162.829	4636.936
Stddev	4.391	2.202	152.12	29.664	9.291
%RSD	.1849086	.0845310	.2809559	.5745655	.2003613

#1	2370.117	2602.985	53972.32	5183.975	4640.435
#2	2378.898	2607.106	54191.68	5175.593	4643.969
#3	2374.576	2603.703	54264.56	5128.920	4626.404

Sample Name: ICSAB Acquired: 10/4/2018 15:36:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0885834	.1105875	.0475477	.0367243	.6099798	243.9043	.5410065
Stddev	.0042232	.0014074	.0022903	.0043274	.0045556	.2115	.0014711
%RSD	4.767512	1.272629	4.816874	11.78346	.7468376	.0867134	.2719274

#1	.0926172	.1089936	.0493615	.0390907	.6140643	243.8178	.5403090
#2	.0841933	.1111102	.0483076	.0393523	.6050669	243.7497	.5400139
#3	.0889396	.1116588	.0449740	.0317297	.6108081	244.1453	.5426967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5154041	1.022628	257.2632	.6077051	.5149356	.5323528	106.0700
Stddev	.0002145	.001896	.1630	.0014528	.0005797	.0018535	.4847
%RSD	.0416242	.1853902	.0633564	.2390591	.1125828	.3481774	.4569197

#1	.5151602	1.024231	257.2299	.6061060	.5154160	.5343330	106.1487
#2	.5154884	1.020535	257.4403	.6089436	.5142917	.5306593	106.5105
#3	.5155636	1.023119	257.1195	.6080659	.5150990	.5320662	105.5509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5374864	260.5306	1.038647	.2361163	.2539659	.5319092	1.023086
Stddev	.0052336	1.0048	.002324	.0001229	.2976509	.0066141	.022549
%RSD	.9737166	.3856592	.2237572	.0520542	117.2011	1.243466	2.204020

#1	.5410981	260.4246	1.040369	.2360791	.0805833	.5369839	1.032760
#2	.5398767	261.5842	1.036003	.2362536	.0836554	.5343146	.997314
#3	.5314845	259.5831	1.039568	.2360163	.5976589	.5244290	1.039184

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.121888	.0182100	-.002431	.0025630	.0111429	-.000064	-.003334
Stddev	.075640	.0034065	.001439	.0003629	.0078734	.000871	.002006
%RSD	62.05643	18.70699	59.19966	14.15742	70.65896	1371.222	60.16207

#1	-.203978	.0186358	-.003063	.0029752	.0179895	-.001023	-.001263
#2	-.106676	.0213837	-.000784	.0024220	.0025394	.000152	-.003472
#3	-.055011	.0146106	-.003446	.0022918	.0128997	.000680	-.005267

Sample Name: ICSAB Acquired: 10/4/2018 15:36:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002902	.0096896	.1049323
Stddev	.001642	.0007831	.0002664
%RSD	56.58191	8.081618	.2538885

#1	-.001008	.0096477	.1046560
#2	-.003933	.0089283	.1049535
#3	-.003763	.0104928	.1051875

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.004	2613.838	54204.66	5221.000	4669.283
Stddev	12.326	5.652	232.10	21.041	.931
%RSD	.5177008	.2162363	.4281946	.4030150	.0199363

#1	2389.588	2613.385	54331.88	5241.024	4668.521
#2	2386.545	2619.702	54345.33	5222.905	4669.007
#3	2366.880	2608.425	53936.76	5199.070	4670.321

Sample Name: CCV046 Acquired: 10/4/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856312	4.890048	24.67749	4.738711	4.878613	406.0895	10.17680
Stddev	.009669	.011902	.09535	.012015	.007035	1.5868	.01965
%RSD	.1990994	.2433844	.3863708	.2535530	.1442088	.3907428	.1930407

#1	4.850367	4.880650	24.59478	4.744091	4.870497	404.4346	10.16515
#2	4.851100	4.886063	24.65590	4.724946	4.882978	407.5980	10.19948
#3	4.867468	4.903431	24.78178	4.747096	4.882364	406.2359	10.16578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4992539	2.481394	408.4820	15.35363	2.516618	15.10159	410.5803
Stddev	.0025852	.011024	2.6199	.01330	.010243	.01562	2.1089
%RSD	.5178137	.4442592	.6413761	.0866197	.4070064	.1034347	.5136441

#1	.4967018	2.472214	405.4923	15.36487	2.506518	15.08982	408.3044
#2	.5018709	2.478347	410.3768	15.33895	2.516337	15.11931	412.4684
#3	.4991889	2.493621	409.5770	15.35707	2.526998	15.09563	410.9680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.97706	407.5474	2.520545	1.268202	405.0406	2.489313	14.90648
Stddev	.10483	3.0443	.011306	.012725	2.6828	.016996	.02769
%RSD	.6999498	.7469725	.4485672	1.003418	.6623463	.6827732	.1857414

#1	14.85827	404.2052	2.509115	1.254038	401.9678	2.469689	14.87785
#2	15.05662	410.1617	2.520795	1.271899	406.9171	2.498912	14.93312
#3	15.01628	408.2754	2.531724	1.278671	406.2369	2.499339	14.90848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1464	4.997304	4.993524	4.856454	4.996128	5.014907	4.990292
Stddev	.4072	.015750	.029330	.011253	.018662	.018097	.036811
%RSD	.2641553	.3151627	.5873568	.2317123	.3735212	.3608660	.7376583

#1	153.6763	4.982467	4.963779	4.851986	4.987499	4.994148	4.956390
#2	154.3760	4.995614	5.022420	4.848121	4.983341	5.027360	4.985038
#3	154.3870	5.013830	4.994374	4.869255	5.017542	5.023214	5.029448

Sample Name: CCV046 Acquired: 10/4/2018 15:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV046 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.009785	5.132036	5.060654
Stddev	.027337	.020960	.007099
%RSD	.5456715	.4084109	.1402766

#1	4.978662	5.110729	5.053989
#2	5.029910	5.152630	5.059853
#3	5.020784	5.132747	5.068119

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.732	2389.891	53208.42	5060.647	4201.572
Stddev	1.970	4.359	123.37	16.408	17.410
%RSD	.0884255	.1823823	.2318660	.3242327	.4143634

#1	2229.783	2392.932	53350.86	5068.142	4218.070
#2	2225.855	2391.842	53135.05	5041.830	4203.272
#3	2227.558	2384.897	53139.36	5071.970	4183.375

Sample Name: CCB046 Acquired: 10/4/2018 16:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001085	.0006486	.0009602	-.001087	-.000953	-.001716	-.000604
Stddev	.001148	.0018642	.0008321	.002173	.000891	.007940	.000544
%RSD	105.8288	287.4329	86.66271	199.8477	93.50023	462.6541	90.06684

#1	-.001315	.0023172	.0011033	-.003537	.000047	.003957	-.000165
#2	.000161	-.001363	.0000658	-.000331	-.001663	.001684	-.001213
#3	-.002100	.000992	.0017115	.000606	-.001245	-.010790	-.000434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000109	.0000470	-.013021	.0001709	-.000034	.0048782	-.019999
Stddev	.0000445	.0000127	.025511	.0002305	.000148	.0028957	.009651
%RSD	406.9670	27.03280	195.9292	134.8959	438.7699	59.35968	48.25908

#1	.0000200	.0000344	-.002055	.0003765	-.000188	.0035813	-.025788
#2	.0000501	.0000469	.005174	-.000078	-.000021	.0081956	-.025351
#3	-.000037	.0000598	-.042181	.000214	.000108	.0028576	-.008857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006764	-.041106	.0001391	-.000478	-.205276	-.006309	-.000846
Stddev	.0007452	.038230	.0001265	.000628	.170434	.003724	.007657
%RSD	110.1671	93.00253	90.99263	131.3228	83.02710	59.02409	905.3158

#1	.0006027	.000411	.0000539	-.001124	-.138653	-.010603	-.008718
#2	-.000029	-.074855	.0002845	-.000442	-.078215	-.004337	.006576
#3	.001456	-.048874	.0000788	.000131	-.398958	-.003985	-.000395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210987	.0008411	.0001407	-.000206	-.006584	.0002220	-.000026
Stddev	.0502030	.0008490	.0005622	.000062	.000272	.0000816	.001133
%RSD	237.9434	100.9411	399.4651	30.22602	4.137291	36.75494	4297.318

#1	-.026239	.0018109	-.000336	-.000252	-.006435	.0002731	.000248
#2	.073745	.0004805	.000761	-.000135	-.006419	.0002649	.000944
#3	.015791	.0002319	-.000002	-.000229	-.006898	.0001279	-.001271

Sample Name: CCB046 Acquired: 10/4/2018 16:00:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB046 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002179	.0020936	.0001372
Stddev	.001745	.0005464	.0000336
%RSD	80.09054	26.09720	24.48664

#1	-.004139	.0014683	.0001079
#2	-.001608	.0024791	.0001739
#3	-.000791	.0023333	.0001299

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.758	2755.611	55469.35	5206.110	5226.593
Stddev	6.651	5.666	69.21	19.236	5.814
%RSD	.2672454	.2056117	.1247775	.3694808	.1112474

#1	2496.205	2756.647	55491.31	5210.810	5219.885
#2	2483.410	2760.688	55524.91	5184.960	5230.185
#3	2486.658	2749.499	55391.82	5222.560	5229.710

Sample Name: PB113509BL Acquired: 10/4/2018 16:04:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003073	-.000454	-.000269	-.001453	-.000997	.0021797	.0007705
Stddev	.0017645	.001061	.000976	.000335	.000535	.0054243	.0006386
%RSD	574.2150	233.8019	362.1687	23.03546	53.64742	248.8612	82.87210

#1	.0023220	.000525	-.000296	-.001421	-.000453	.0084420	.0009661
#2	-.000437	-.000305	.000719	-.001803	-.001522	-.000849	.0000571
#3	-.000963	-.001582	-.001232	-.001136	-.001016	-.001054	.0012885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0001326	.0058751	.0001495	.0000717	.0009059	-.004864
Stddev	.000046	.0000895	.0093078	.0004278	.0001494	.0018635	.012211
%RSD	145.2182	67.48350	158.4267	286.1616	208.3647	205.7090	251.0524

#1	-.000081	.0000315	-.002403	-.000115	.0001467	.0004991	.009033
#2	-.000026	.0001649	.004078	.000643	-.000100	-.000721	-.013878
#3	.000011	.0002015	.015950	-.000079	.000169	.002939	-.009747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012326	-.027391	.0000133	-.000095	-.179059	-.001118	.0042193
Stddev	.0012191	.042062	.0000379	.000079	.173223	.007499	.0129339
%RSD	98.90957	153.5648	284.8424	83.25292	96.74073	671.0195	306.5407

#1	.0025009	-.026630	.0000386	-.000043	-.285653	.001128	.0190681
#2	.0000695	.014286	.0000315	-.000185	-.272336	-.009483	-.004591
#3	.0011273	-.069828	-.000030	-.000055	.020814	.005002	-.001819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0371253	.0014077	-.002349	.0000130	-.002432	.0004265	-.000560
Stddev	.0560103	.0015800	.000068	.0003760	.003071	.0003816	.000610
%RSD	150.8681	112.2350	2.881863	2899.012	126.2763	89.45547	108.8889

#1	-.026534	.0018259	-.002272	-.000360	.001111	.0005892	.000131
#2	.078843	.0027365	-.002399	.000007	-.004073	-.000009	-.000787
#3	.059067	-.000339	-.002377	.000392	-.004333	.000700	-.001024

Sample Name: PB113509BL Acquired: 10/4/2018 16:04:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003358	.0001582	.0000860
Stddev	.0015741	.0008451	.0000526
%RSD	468.7650	534.3887	61.11916

#1	.0020849	-.000653	.0000450
#2	-.000967	.001034	.0001453
#3	-.000111	.000094	.0000678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.328	2769.223	55570.57	5224.083	5264.911
Stddev	2.688	1.046	84.09	12.787	6.530
%RSD	.1078166	.0377871	.1513257	.2447716	.1240365

#1	2496.230	2768.019	55609.92	5210.370	5261.359
#2	2490.924	2769.911	55474.02	5235.680	5272.447
#3	2492.829	2769.739	55627.77	5226.200	5260.926

Sample Name: PB113509BS Acquired: 10/4/2018 16:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204680	.0487609	.0192411	.0672980	.1142799	.3576513
Stddev	.0039476	.0010762	.0014865	.0008439	.0006943	.0108071
%RSD	19.28686	2.207091	7.725512	1.254020	.6075078	3.021690

#1	.0165005	.0497309	.0209574	.0673535	.1144439	.3518882
#2	.0205079	.0476032	.0183632	.0681129	.1135184	.3701184
#3	.0243955	.0489487	.0184027	.0664277	.1148775	.3509473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3918323	.0098291	.0096269	9.984439	.0222374	.0913490
Stddev	.0003475	.0001214	.0001224	.047141	.0001471	.0002464
%RSD	.0886973	1.234754	1.271059	.4721451	.6615668	.2696939

#1	.3915259	.0099007	.0095584	9.941921	.0221554	.0910761
#2	.3917609	.0096890	.0095540	10.03513	.0221496	.0914160
#3	.3922099	.0098976	.0097681	9.97626	.0224073	.0915550

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532119	.1963575	.0333842	9.433666	.0775796	.0186043
Stddev	.0002702	.0211447	.0012353	.127504	.0003924	.0004829
%RSD	.5077416	10.76849	3.700324	1.351589	.5058170	2.595381

#1	.0533646	.2189726	.0340743	9.327772	.0771393	.0190666
#2	.0528999	.1770800	.0319580	9.575197	.0777071	.0186433
#3	.0533711	.1930200	.0341202	9.398027	.0778924	.0181032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.353529	.1042071	.1363332	9.135115	F .5514062	F .0282790
Stddev	.307223	.0014949	.0059480	.056751	.0010804	.0004985
%RSD	3.284565	1.434549	4.362843	.6212385	.1959258	1.762713

#1	9.361918	.1027215	.1296167	9.104630	.5508069	.0286734
#2	9.656471	.1057111	.1384481	9.100122	.5507583	.0277187
#3	9.042198	.1041887	.1409347	9.200594	.5526534	.0284449

Sample Name: PB113509BS Acquired: 10/4/2018 16:08:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0384091	.5492324	.1868409	F .0124731	.1925245	.0893627
Stddev	.0003303	.0048804	.0027881	.0011397	.0013771	.0008188
%RSD	.8599771	.8885933	1.492218	9.136931	.7153071	.9162994

#1	.0387360	.5440473	.1899529	.0111736	.1920180	.0888007
#2	.0384157	.5499131	.1859988	.0133024	.1914723	.0903022
#3	.0380755	.5537367	.1845709	.0129433	.1940832	.0889853

Elem	Sr4077
Units	ppm
Avg	.1941932
Stddev	.0007337
%RSD	.3778406

#1	.1950327
#2	.1936744
#3	.1938726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.295	2782.339	55917.61	5257.040	5279.033
Stddev	3.729	2.742	209.84	11.702	7.363
%RSD	.1487340	.0985525	.3752739	.2225978	.1394758

#1	2505.343	2781.247	55679.85	5247.480	5287.312
#2	2504.947	2780.311	55996.03	5253.550	5273.219
#3	2511.595	2785.459	56076.95	5270.090	5276.568

Sample Name: PB113512BL Acquired: 10/4/2018 16:13:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000492	.0003413	.0000307	-.000792	-.001104	-.002679	-.000467
Stddev	.000983	.0003713	.0011484	.000833	.000410	.008727	.000109
%RSD	199.7843	108.7887	3739.026	105.1732	37.13137	325.7369	23.42949

#1	-.000408	.0006174	-.000400	-.001515	-.001561	.006577	-.000386
#2	.000446	.0004873	.001332	.000119	-.000769	-.003857	-.000424
#3	-.001515	-.000081	-.000840	-.000979	-.000982	-.010757	-.000591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	.0000554	-.014874	.0002246	.0001025	.0055256	-.003981
Stddev	.000024	.0000589	.038975	.0002099	.0001006	.0035005	.008869
%RSD	50.03510	106.3038	262.0270	93.42607	98.19609	63.35112	222.7803

#1	-.000023	-.000013	-.051809	.0003074	.0000138	.0079799	-.004169
#2	-.000049	.000089	.025861	-.000014	.0002118	.0015171	-.012755
#3	-.000071	.000090	-.018675	.000380	.0000817	.0070799	.004980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006372	-.025825	.0005225	-.000310	-.301949	.0035257	.0029889
Stddev	.0013269	.053356	.0001888	.000323	.155938	.0030928	.0013883
%RSD	208.2402	206.6039	36.13383	104.3809	51.64381	87.72257	46.44955

#1	.0000548	-.087434	.0006208	.000029	-.314694	.0002330	.0021959
#2	-.000299	.005424	.0006419	-.000616	-.140030	.0063696	.0021788
#3	.002156	.004533	.0003048	-.000342	-.451124	.0039746	.0045920

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310941	.0015116	-.002265	.0000370	-.003955	.0002365	-.000970
Stddev	.0615955	.0006212	.000764	.0000702	.002250	.0011392	.000831
%RSD	198.0939	41.09576	33.75348	189.5691	56.90017	481.6833	85.75153

#1	-.029129	.0008041	-.001517	.0001111	-.003083	-.000680	-.000326
#2	.028436	.0017629	-.003045	.0000287	-.006510	-.000122	-.000675
#3	.093976	.0019678	-.002232	-.000029	-.002271	.001512	-.001908

Sample Name: PB113512BL Acquired: 10/4/2018 16:13:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005305	.0003791	.0000953
Stddev	.0022457	.0014789	.0000306
%RSD	423.2926	390.1160	32.14052

#1	.0020160	-.000056	.0000601
#2	.0016285	-.000833	.0001097
#3	-.002053	.002027	.0001161

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.324	2768.592	55681.21	5232.927	5246.201
Stddev	12.986	7.747	267.23	37.332	13.273
%RSD	.5197881	.2798061	.4799346	.7134021	.2529948

#1	2486.619	2760.409	55419.14	5216.250	5242.312
#2	2512.293	2775.812	55953.32	5206.840	5260.984
#3	2496.060	2769.556	55671.16	5275.690	5235.307

Sample Name: J5216-01 Acquired: 10/4/2018 16:21:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103010	.0023778	.0040035	-.003308	-.001790	.0243781	.0365255
Stddev	.0027082	.0009645	.0007576	.001811	.001099	.0099507	.0007329
%RSD	26.29063	40.56245	18.92271	54.74889	61.40378	40.81812	2.006536

#1	.0071762	.0027120	.0038436	-.001597	-.002554	.0332975	.0359188
#2	.0119690	.0012907	.0033386	-.005204	-.002285	.0261913	.0363178
#3	.0117577	.0031307	.0048283	-.003122	-.000530	.0136455	.0373398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001067	-.000016	26.53395	.0006119	-.000812	.0023445	.0041778
Stddev	.0000440	.000060	.11747	.0001800	.000127	.0010768	.0174985
%RSD	41.26956	365.4741	.4427201	29.41684	15.66936	45.92952	418.8413

#1	.0000949	-.000066	26.65656	.0007816	-.000726	.0021609	.0118198
#2	.0001554	.000050	26.52290	.0006312	-.000958	.0013713	.0165556
#3	.0000698	-.000033	26.42240	.0004231	-.000752	.0035014	-.015842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136286	6.006902	.0023328	-.000182	25.64717	.0013551	.0068649
Stddev	.0014238	.109514	.0004104	.000209	.24308	.0032241	.0180134
%RSD	10.44703	1.823128	17.59305	115.0844	.9477722	237.9281	262.3989

#1	.0125167	5.880857	.0027706	-.000302	25.47203	.0001564	.0018991
#2	.0152333	6.061117	.0019567	-.000303	25.92468	.0050068	.0268404
#3	.0131357	6.078733	.0022711	.000060	25.54478	-.001098	-.008145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.651512	.0508465	.1951215	.0059770	8.692277	7.942117	-.002588
Stddev	.078317	.0004672	.0011324	.0002018	.007958	.007059	.000448
%RSD	2.953678	.9187485	.5803470	3.375723	.0915528	.0888744	17.32129

#1	2.686418	.0503280	.1961896	.0060818	8.699293	7.949795	-.003098
#2	2.706307	.0509768	.1952407	.0061048	8.683630	7.935909	-.002258
#3	2.561811	.0512347	.1939343	.0057444	8.693909	7.940648	-.002407

Sample Name: J5216-01 Acquired: 10/4/2018 16:21:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKL4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009564	.0210529	.2523642
Stddev	.0003921	.0002884	.0003601
%RSD	40.99980	1.369810	.1427037

#1	.0007065	.0213406	.2526704
#2	.0014084	.0207638	.2524546
#3	.0007545	.0210543	.2519674

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.255	2897.529	58453.68	5483.407	5535.282
Stddev	4.006	5.953	276.67	14.450	14.632
%RSD	.1522550	.2054347	.4733126	.2635267	.2643331

#1	2634.912	2904.052	58529.11	5466.740	5550.894
#2	2626.973	2896.143	58684.80	5491.050	5533.069
#3	2631.881	2892.392	58147.11	5492.430	5521.883

Sample Name: PB113512BS Acquired: 10/4/2018 16:27:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178629	.0471216	.0176929	.0676785	.1151721	.3760353
Stddev	.0033135	.0025538	.0003314	.0008566	.0020951	.0064105
%RSD	18.54970	5.419575	1.872994	1.265641	1.819086	1.704763

#1	.0149839	.0473130	.0180752	.0685632	.1157612	.3686718
#2	.0171200	.0444775	.0174868	.0668531	.1169095	.3790626
#3	.0214848	.0495743	.0175167	.0676193	.1128455	.3803715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3943084	.0098114	.0095214	9.995035	.0218241	.0908862
Stddev	.0012722	.0001780	.0000186	.087073	.0000342	.0002362
%RSD	.3226296	1.813765	.1952768	.8711607	.1564788	.2598481

#1	.3954012	.0099387	.0095358	10.06313	.0218542	.0908204
#2	.3946122	.0096081	.0095004	9.89693	.0218310	.0911483
#3	.3929119	.0098876	.0095281	10.02504	.0217869	.0906899

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526837	.1966704	.0329480	9.458447	.0773802	.0187322
Stddev	.0056528	.0245014	.0014018	.135840	.0004816	.0007576
%RSD	10.72976	12.45810	4.254517	1.436179	.6223505	4.044513

#1	.0591949	.1990160	.0342035	9.602131	.0768720	.0194065
#2	.0498242	.2199147	.0332050	9.441090	.0774387	.0179124
#3	.0490319	.1710806	.0314355	9.332119	.0778299	.0188777

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.235248	.1018477	.1159617	9.122487	F .5471246	F .0262876
Stddev	.177750	.0052018	.0052571	.054395	.0044677	.0012818
%RSD	1.924695	5.107466	4.533513	.5962701	.8165742	4.876224

#1	9.397603	.0991926	.1220211	9.175533	.5436317	.0274822
#2	9.045324	.1078413	.1126154	9.125092	.5455832	.0249334
#3	9.262818	.0985093	.1132486	9.066837	.5521588	.0264470

Sample Name: PB113512BS Acquired: 10/4/2018 16:27:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0384581	.5539627	.1889646	F .0117444	.1907470	.0901548
Stddev	.0003250	.0071772	.0007187	.0005732	.0016652	.0013154
%RSD	.8451791	1.295612	.3803330	4.880893	.8729835	1.459021

#1	.0380902	.5511458	.1883292	.0116348	.1891494	.0901355
#2	.0385782	.5486213	.1888199	.0123646	.1906194	.0914796
#3	.0387061	.5621211	.1897446	.0112339	.1924724	.0888491

Elem	Sr4077
Units	ppm
Avg	.1950464
Stddev	.0007501
%RSD	.3845490

#1	.1956718
#2	.1952527
#3	.1942148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.969	2771.374	55793.13	5226.073	5304.134
Stddev	14.350	8.722	376.94	21.680	13.848
%RSD	.5747095	.3147077	.6755996	.4148335	.2610887

#1	2497.553	2761.325	55618.53	5201.040	5288.617
#2	2482.336	2775.819	55535.15	5238.580	5315.238
#3	2511.018	2776.978	56225.71	5238.600	5308.548

Sample Name: J5216-02 Acquired: 10/4/2018 16:31:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249793	.0010151	.0051364	-.002314	-.002265	.0549518	.0624779
Stddev	.0003322	.0014003	.0006631	.001178	.000742	.0120801	.0007517
%RSD	1.330054	137.9484	12.90989	50.91506	32.74725	21.98312	1.203163

#1	.0249516	-.000590	.0056797	-.003526	-.001743	.0428501	.0616692
#2	.0253245	.001989	.0043975	-.002242	-.001938	.0670102	.0626091
#3	.0246617	.001646	.0053320	-.001173	-.003114	.0549950	.0631553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000532	.0000118	48.46399	.0005707	-.000786	.0025106	.0272117
Stddev	.0000273	.0000810	.13871	.0003190	.000196	.0032468	.0265768
%RSD	51.36567	685.2923	.2862101	55.90045	24.99106	129.3247	97.66677

#1	.0000238	-.000063	48.40784	.0005924	-.000889	-.000849	.0228388
#2	.0000579	.000098	48.62197	.0008783	-.000909	.005632	.0557037
#3	.0000779	.000001	48.36216	.0002414	-.000559	.002748	.0030926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394605	9.773917	.0019773	-.000162	46.87934	.0088909	.0220475
Stddev	.0016371	.034865	.0000523	.000203	.13005	.0040912	.0107917
%RSD	4.148694	.3567184	2.643804	125.0920	.2774210	46.01568	48.94758

#1	.0393693	9.770819	.0020048	-.000151	46.73966	.0090773	.0337853
#2	.0378710	9.810228	.0020101	.000035	46.99693	.0128858	.0125552
#3	.0411413	9.740704	.0019170	-.000370	46.90144	.0047097	.0198019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.235598	.1406966	.3679714	.0135302	23.90967	16.78030	-.002377
Stddev	.083000	.0006822	.0021498	.0002609	.06605	.00292	.000736
%RSD	1.007826	.4848705	.5842227	1.928676	.2762296	.0173753	30.97668

#1	8.177108	.1414786	.3704535	.0134753	23.84107	16.78364	-.001622
#2	8.199091	.1403875	.3667046	.0138142	23.91511	16.77827	-.003093
#3	8.330595	.1402237	.3667560	.0133010	23.97283	16.77898	-.002418

Sample Name: J5216-02 Acquired: 10/4/2018 16:31:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKL5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012949	.0191779	.4551165
Stddev	.0026150	.0015127	.0008199
%RSD	201.9394	7.887697	.1801459

#1	.0027623	.0174500	.4544271
#2	-.001724	.0202631	.4548994
#3	.002847	.0198206	.4560231

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2641.922	2885.291	59053.48	5548.002	5521.132
Stddev	15.938	21.860	211.57	32.958	23.549
%RSD	.6032809	.7576289	.3582668	.5940575	.4265177

#1	2647.365	2906.978	59270.07	5530.632	5546.228
#2	2623.976	2885.633	58847.32	5527.363	5517.648
#3	2654.427	2863.262	59043.04	5586.012	5499.519

Sample Name: J5216-03 Acquired: 10/4/2018 16:35:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100777	.0000244	.0039205	-.001391	-.002445	.0140979	.0337510
Stddev	.0008395	.0008072	.0011156	.000780	.000939	.0026507	.0008006
%RSD	8.330062	3311.932	28.45448	56.07620	38.41621	18.80235	2.372169

#1	.0091775	-.000576	.0044731	-.002261	-.002948	.0154940	.0345577
#2	.0108391	-.000293	.0026365	-.000753	-.001361	.0110409	.0329566
#3	.0102165	.000942	.0046519	-.001160	-.003026	.0157588	.0337387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000320	.0000257	27.35584	.0003602	-.000755	.0028863	.0178133
Stddev	.0000216	.0000879	.13061	.0006280	.000389	.0026501	.0072145
%RSD	67.43644	342.2657	.4774616	174.3380	51.58885	91.81480	40.50055

#1	.0000142	-.000075	27.46611	-.000140	-.001050	.0045117	.0122922
#2	.0000559	.000068	27.21160	.000155	-.000900	-.000172	.0259764
#3	.0000258	.000085	27.38982	.001065	-.000313	.004319	.0151714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080243	5.979691	.0022123	.0002601	26.01761	.0073585	.0231341
Stddev	.0007639	.113331	.0003070	.0002023	.51876	.0053305	.0049059
%RSD	9.520391	1.895270	13.87595	77.78978	1.993873	72.44001	21.20636

#1	.0077931	6.083249	.0025216	.0004858	25.85428	.0012044	.0242436
#2	.0088771	5.997198	.0022074	.0000951	25.60018	.0105353	.0273902
#3	.0074026	5.858624	.0019077	.0001993	26.59838	.0103358	.0177684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.805815	.0549514	.2013653	.0067401	8.948450	8.150529	-.002001
Stddev	.062747	.0032633	.0018467	.0002089	.008132	.034574	.000423
%RSD	2.236337	5.938582	.9171083	3.099785	.0908760	.4241933	21.15248

#1	2.827990	.0581952	.2012070	.0069790	8.940214	8.126647	-.001670
#2	2.734991	.0549900	.1996028	.0065915	8.956473	8.134764	-.001855
#3	2.854464	.0516689	.2032861	.0066497	8.948664	8.190176	-.002478

Sample Name: J5216-03 Acquired: 10/4/2018 16:35:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005667	.0186384	.2579825
Stddev	.0018988	.0011832	.0012686
%RSD	335.0414	6.347913	.4917497

#1	.0026113	.0175643	.2585139
#2	-.001141	.0184441	.2588989
#3	.000230	.0199066	.2565345

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2609.269	2880.125	58076.98	5429.003	5539.941
Stddev	10.255	5.838	127.18	30.981	13.077
%RSD	.3930183	.2026973	.2189783	.5706512	.2360526

#1	2610.580	2882.694	58129.98	5446.830	5549.623
#2	2598.421	2884.238	57931.88	5446.950	5545.136
#3	2618.805	2873.444	58169.09	5393.230	5525.065

Sample Name: J5213-01 Acquired: 10/4/2018 16:39:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAJW5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123764	.0028508	.0064241	-.001859	-.001865	1.424212	.0598052
Stddev	.0033959	.0013744	.0011663	.002681	.000500	.014607	.0008532
%RSD	27.43817	48.20925	18.15561	144.1702	26.79235	1.025609	1.426572

#1	.0103036	.0043693	.0066138	-.000368	-.001436	1.423764	.0588996
#2	.0162954	.0016922	.0074839	-.000256	-.001745	1.439038	.0599222
#3	.0105302	.0024909	.0051745	-.004954	-.002414	1.409834	.0605939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002120	.0000117	28.37202	.0012384	.0002340	.0058055	1.964703
Stddev	.0000344	.0000581	.25380	.0006748	.0000697	.0009695	.056581
%RSD	16.24417	498.2093	.8945288	54.48947	29.76972	16.70037	2.879877

#1	.0001762	.0000739	28.26812	.0018198	.0002442	.0051866	1.931544
#2	.0002148	.0000023	28.66128	.0013972	.0002981	.0069229	2.030035
#3	.0002449	-.000041	28.18667	.0004984	.0001598	.0053070	1.932530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591635	6.748966	.0024251	-.000116	26.22245	.0105075	.0129896
Stddev	.0049921	.073845	.0003157	.000132	.22810	.0028514	.0175242
%RSD	3.136462	1.094160	13.01759	113.8782	.8698557	27.13658	134.9093

#1	.1563814	6.690788	.0021023	-.000257	25.99641	.0073876	-.005580
#2	.1649267	6.832041	.0027332	-.000095	26.45255	.0129784	.029237
#3	.1561823	6.724068	.0024398	.000004	26.21840	.0111566	.015311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.111829	.1540899	.1992169	.0056647	8.794117	11.12715	-.003211
Stddev	.057765	.0018277	.0007141	.0001536	.011341	.03552	.000203
%RSD	1.856304	1.186119	.3584297	2.711364	.1289622	.3191844	6.310278

#1	3.055272	.1542327	.1984095	.0057885	8.789571	11.08859	-.003039
#2	3.109485	.1558420	.1997656	.0054928	8.807026	11.13433	-.003434
#3	3.170731	.1521950	.1994755	.0057127	8.785755	11.15853	-.003160

Sample Name: J5213-01 Acquired: 10/4/2018 16:39:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAJW5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0457927	.0251023	.2742714
Stddev	.0025260	.0016706	.0007634
%RSD	5.516259	6.655248	.2783265

#1	.0477481	.0259688	.2733900
#2	.0466894	.0231764	.2747021
#3	.0429406	.0261616	.2747221

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.551	2871.408	57972.85	5438.801	5513.965
Stddev	12.090	3.484	282.59	21.191	7.227
%RSD	.4648860	.1213256	.4874462	.3896296	.1310760

#1	2601.639	2870.857	57729.00	5445.393	5515.220
#2	2587.955	2875.134	57907.00	5415.098	5520.482
#3	2612.060	2868.232	58282.55	5455.913	5506.192

Sample Name: J5213-02 Acquired: 10/4/2018 16:43:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAJY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270701	.0023745	.0064223	-.003389	-.001791	1.150471	.0794124
Stddev	.0019897	.0008933	.0018275	.000796	.000663	.027959	.0004285
%RSD	7.350023	37.62158	28.45464	23.49203	37.03090	2.430220	.5395856

#1	.0254373	.0016895	.0057065	-.003910	-.001035	1.124249	.0798871
#2	.0292862	.0033849	.0050612	-.003785	-.002273	1.179892	.0790540
#3	.0264867	.0020491	.0084993	-.002472	-.002065	1.147271	.0792962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002299	-.000041	50.89615	.0009617	-.000089	.0063478	1.837769
Stddev	.0000573	.000058	.16378	.0005591	.000276	.0025500	.034007
%RSD	24.90614	141.9758	.3217976	58.13408	309.8070	40.17205	1.850452

#1	.0002328	-.000098	50.72394	.0007550	-.000208	.0090667	1.876751
#2	.0001712	.000018	51.04995	.0005354	.000226	.0059670	1.822377
#3	.0002856	-.000042	50.91456	.0015947	-.000285	.0040095	1.814180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016617	10.57499	.0019368	-.000023	48.08174	.0120941	.0285601
Stddev	.0004970	.06072	.0002734	.000282	.40000	.0020154	.0107966
%RSD	.4889128	.5741562	14.11848	1218.723	.8319194	16.66435	37.80318

#1	.1019870	10.55619	.0021980	-.000042	48.35158	.0131107	.0189694
#2	.1019086	10.64289	.0016526	.000268	47.62219	.0133988	.0402533
#3	.1010896	10.52591	.0019596	-.000295	48.27147	.0097729	.0264575

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.834357	.2297329	.3796033	.0130130	24.12388	20.02861	-.002691
Stddev	.109922	.0015913	.0018554	.0002047	.06007	.07340	.000469
%RSD	1.244254	.6926771	.4887601	1.573155	.2489988	.3664969	17.41133

#1	8.914912	.2281244	.3776586	.0130072	24.13717	19.96494	-.002158
#2	8.879028	.2313064	.3813541	.0128113	24.05827	20.01199	-.002876
#3	8.709133	.2297677	.3797973	.0132206	24.17618	20.10890	-.003039

Sample Name: J5213-02 Acquired: 10/4/2018 16:43:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAJY0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0479107	.0236911	.4796388
Stddev	.0014694	.0006894	.0031627
%RSD	3.066967	2.910014	.6593874

#1	.0494106	.0244591	.4816651
#2	.0478477	.0234887	.4759945
#3	.0464738	.0231255	.4812568

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.689	2842.778	57801.81	5440.181	5456.651
Stddev	17.365	8.504	181.42	16.323	7.684
%RSD	.6708129	.2991270	.3138695	.3000437	.1408189

#1	2602.461	2845.882	57898.09	5457.324	5458.117
#2	2569.181	2833.158	57592.54	5424.825	5448.340
#3	2594.425	2849.293	57914.79	5438.395	5463.497

Sample Name: J5213-03 Acquired: 10/4/2018 16:47:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAJZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128139	.0028505	.0052986	-.001594	-.002267	.8938809	.0471261
Stddev	.0001960	.0006242	.0004110	.001591	.000228	.0067550	.0011514
%RSD	1.529827	21.89701	7.756619	99.84860	10.04872	.7556888	2.443262

#1	.0128359	.0023397	.0057115	-.000325	-.002460	.8888619	.0464630
#2	.0126079	.0026656	.0052946	-.001077	-.002324	.9015612	.0484556
#3	.0129981	.0035462	.0048896	-.003379	-.002016	.8912197	.0464596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001798	-.000039	28.41975	.0007549	-.000174	.0051962	1.220119
Stddev	.0000201	.000070	.22368	.0004046	.000156	.0033062	.016394
%RSD	11.20861	176.6790	.7870736	53.59289	89.36506	63.62722	1.343658

#1	.0001604	-.000117	28.42794	.0008677	-.000344	.0086851	1.211725
#2	.0001783	.000018	28.19209	.0010911	-.000037	.0047940	1.239011
#3	.0002007	-.000020	28.63923	.0003059	-.000142	.0021095	1.209622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037357	6.602495	.0018704	-.000099	26.22540	.0062763	.0064901
Stddev	.0012194	.115582	.0002364	.000375	.02044	.0023623	.0088271
%RSD	1.175530	1.750578	12.63774	379.3294	.0779213	37.63880	136.0089

#1	.1043577	6.603470	.0018469	-.000483	26.21087	.0073171	-.002781
#2	.1045186	6.486429	.0016466	-.000078	26.24877	.0079394	.014793
#3	.1023307	6.717586	.0021176	.000265	26.21657	.0035723	.007459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.083066	.1122698	.2060818	.0060805	9.089708	10.40132	-.002000
Stddev	.069850	.0022668	.0008344	.0002055	.018671	.08550	.000705
%RSD	2.265593	2.019016	.4048913	3.378949	.2054109	.8220171	35.23985

#1	3.141637	.1119138	.2054880	.0058467	9.068942	10.38771	-.001616
#2	3.005759	.1102021	.2057215	.0062325	9.095070	10.32345	-.001571
#3	3.101802	.1146935	.2070358	.0061622	9.105112	10.49281	-.002813

Sample Name: J5213-03 Acquired: 10/4/2018 16:47:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAJZ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0337195	.0220621	.2710690
Stddev	.0018205	.0010529	.0010097
%RSD	5.398829	4.772314	.3725036

#1	.0351209	.0223124	.2704902
#2	.0316620	.0229672	.2722349
#3	.0343758	.0209066	.2704819

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.097	2865.824	58163.46	5410.608	5516.466
Stddev	14.165	6.746	131.72	34.610	12.802
%RSD	.5418640	.2354120	.2264685	.6396715	.2320759

#1	2600.145	2867.603	58026.28	5416.370	5512.234
#2	2613.682	2871.504	58175.16	5441.976	5530.849
#3	2628.465	2858.367	58288.94	5373.479	5506.316

Sample Name: CCV047 Acquired: 10/4/2018 16:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.902082	4.841367	24.32229	4.751595	4.929818	407.3573	10.30313
Stddev	.008956	.010936	.02569	.015474	.002015	.5750	.01299
%RSD	.1826919	.2258820	.1056041	.3256591	.0408642	.1411615	.1260564

#1	4.901447	4.834230	24.30162	4.766734	4.928797	407.2989	10.31599
#2	4.911338	4.835914	24.31421	4.752246	4.932139	406.8137	10.29001
#3	4.893460	4.853957	24.35105	4.735806	4.928519	407.9593	10.30337

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4990828	2.436797	407.6332	15.47423	2.481792	15.26554	408.2959
Stddev	.0026815	.001464	1.0308	.03232	.003524	.04586	1.4711
%RSD	.5372767	.0600668	.2528622	.2088896	.1420056	.3004469	.3602931

#1	.4996389	2.436870	406.7863	15.47049	2.478487	15.26795	407.1498
#2	.4961669	2.435298	407.3325	15.50826	2.481387	15.21851	407.7832
#3	.5014427	2.438223	408.7809	15.44393	2.485501	15.31015	409.9547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90178	405.0203	2.493840	1.271542	405.1715	2.492390	14.80818
Stddev	.06406	1.3889	.003120	.003588	.7091	.011159	.12605
%RSD	.4298713	.3429274	.1251227	.2821495	.1750051	.4477364	.8512101

#1	14.82897	405.2302	2.494064	1.271052	404.8319	2.490563	14.67331
#2	14.92689	403.5384	2.490613	1.275350	404.6961	2.482257	14.82823
#3	14.94947	406.2924	2.496842	1.268225	405.9865	2.504350	14.92300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.2568	4.977181	4.985548	4.883559	4.954219	5.043376	4.924363
Stddev	.3100	.027132	.025868	.004192	.004135	.021243	.010327
%RSD	.1996538	.5451319	.5188611	.0858362	.0834686	.4212045	.2097210

#1	155.2688	4.948220	4.988781	4.880340	4.958941	5.064788	4.919097
#2	154.9410	4.981313	4.958215	4.882037	4.952476	5.022306	4.917729
#3	155.5606	5.002010	5.009647	4.888299	4.951241	5.043033	4.936261

Sample Name: CCV047 Acquired: 10/4/2018 16:53:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV047 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.018910	5.166387	5.096693
Stddev	.011500	.005845	.012119
%RSD	.2291301	.1131408	.2377751

#1	5.022153	5.172546	5.110017
#2	5.006137	5.160916	5.093734
#3	5.028440	5.165698	5.086328

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.452	2360.438	52664.72	5044.753	4235.468
Stddev	7.059	3.573	292.26	23.802	7.284
%RSD	.3185022	.1513781	.5549366	.4718116	.1719648

#1	2217.529	2357.443	52671.03	5019.866	4227.255
#2	2208.916	2359.478	52369.36	5067.296	4238.008
#3	2222.911	2364.394	52953.77	5047.096	4241.143

Sample Name: CCB047 Acquired: 10/4/2018 16:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	.0016869	.0016193	-.000734	-.000303	.0001379
Stddev	.002382	.0009270	.0007730	.001743	.001259	.0044519
%RSD	1761.761	54.95366	47.73779	237.4552	415.7965	3228.589

#1	.002610	.0012897	.0009551	-.000771	.000172	.0034103
#2	-.001659	.0010246	.0024678	.001027	.000650	.0019351
#3	-.001356	.0027463	.0014349	-.002459	-.001730	-.004932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000483	-.000045	.0000702	.0090366	.0001397	-.000021
Stddev	.000370	.000055	.0001041	.0183003	.0004981	.000137
%RSD	76.67212	123.2116	148.3141	202.5122	356.5218	644.7752

#1	-.000155	.000016	.0000160	.0025048	.0004490	-.000080
#2	-.000410	-.000058	.0001903	-.005101	.0004050	.000135
#3	-.000884	-.000092	.0000044	.029707	-.000435	-.000119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024988	-.025701	.0006412	.0295186	.0001532	-.000043
Stddev	.0029373	.003522	.0002562	.0475553	.0003835	.000222
%RSD	117.5492	13.70426	39.96191	161.1032	250.3747	519.3286

#1	-.000565	-.027649	.0006214	.0357393	.0003904	-.000242
#2	.005291	-.021636	.0003954	-.020841	-.000289	.000196
#3	.002771	-.027820	.0009067	.073657	.000358	-.000083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.181761	.0033226	.0012145	.1077789	.0016565	F .0102036
Stddev	.100227	.0040314	.0189418	.0304325	.0013803	.0006521
%RSD	55.14222	121.3307	1559.579	28.23604	83.32091	6.390627

#1	-.291038	.0018902	.0202203	.0726429	.0031852	.0109357
#2	-.094118	.0002031	.0010858	.1258300	.0012827	.0099899
#3	-.160126	.0078746	-.017663	.1248637	.0005017	.0096851

Sample Name: CCB047 Acquired: 10/4/2018 16:57:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v678) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB047 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001853	-.005718	.0021941	.0009508	.0011043	.0053891
Stddev	.0003094	.001363	.0001166	.0003011	.0021716	.0013213
%RSD	166.9386	23.83859	5.312049	31.66902	196.6407	24.51847

#1	.0004878	-.004454	.0023271	.0006110	-.000370	.0062030
#2	-.000131	-.005537	.0021098	.0010571	.000085	.0060998
#3	.000199	-.007162	.0021454	.0011843	.003598	.0038646

Elem	Sr4077
Units	ppm
Avg	.0001274
Stddev	.0000388
%RSD	30.44965

#1	.0001618
#2	.0000853
#3	.0001351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.012	2761.321	55594.87	5223.973	5303.286
Stddev	16.020	1.771	42.60	28.780	5.994
%RSD	.6428563	.0641241	.0766221	.5509170	.1130304

#1	2509.767	2760.260	55643.39	5253.680	5300.993
#2	2487.632	2763.365	55577.65	5196.220	5310.088
#3	2478.638	2760.337	55563.59	5222.020	5298.776