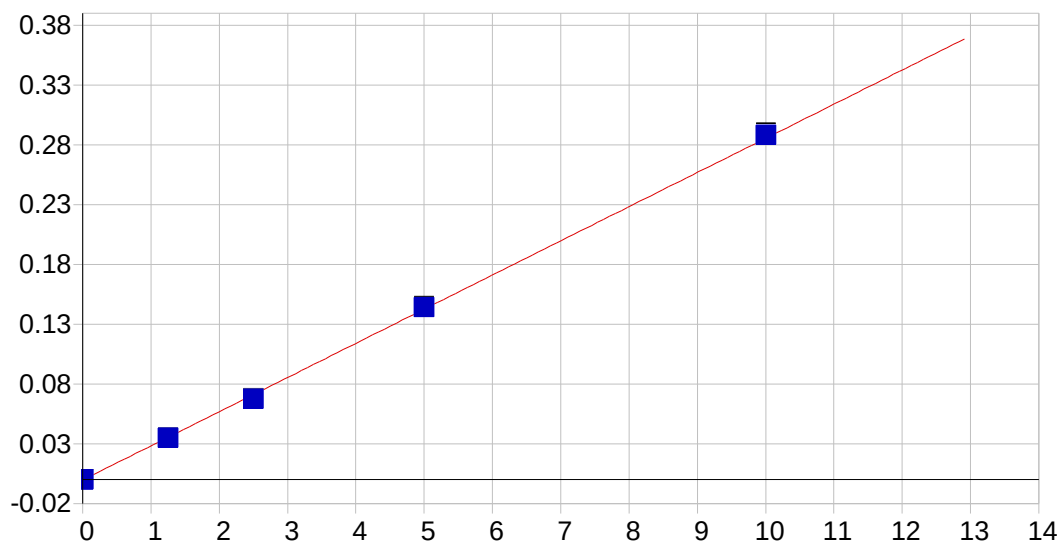


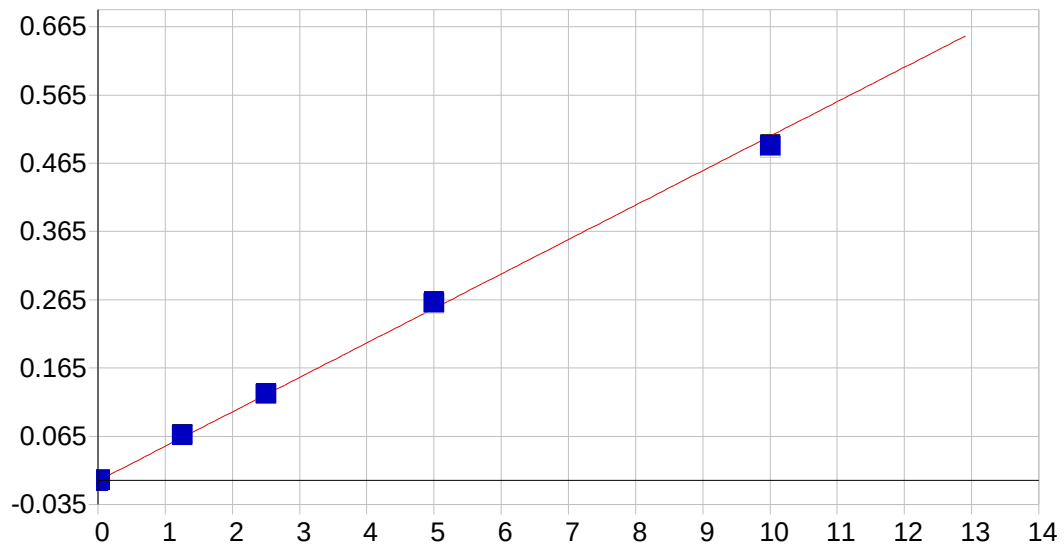


As 189.042 {479}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.028564 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004467
 Predicted MQL: 0.014891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.01000	.01279	.003	27.9	.00014	.000	1
S2	1.2500	1.2288	-.021	-1.69	.03496	.000	1
S3	2.5000	2.3722	-.128	-5.11	.06770	.000	1
S4	5.0000	5.0510	.051	1.02	.14439	.001	1
S5	10.000	10.095	.095	.952	.28881	.001	1

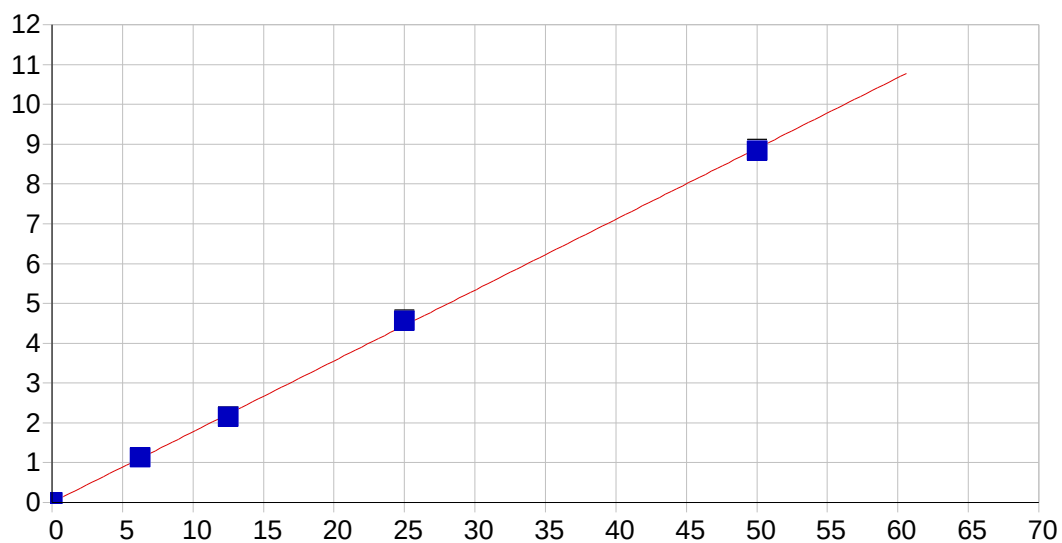


TI 190.856 {477}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000275 Re-Slope: 1.000000
 A1 (Gain): 0.050497 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999465 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.002709
 Predicted MQL: 0.009030

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00028	.000	1
S1	.02500	.02732	.002	9.29	.00109	.000	1
S2	1.2500	1.3314	.081	6.51	.06657	.000	1
S3	2.5000	2.5274	.027	1.09	.12658	.000	1
S4	5.0000	5.1731	.173	3.46	.25942	.001	1
S5	10.000	9.7159	-.284	-2.84	.48729	.002	1

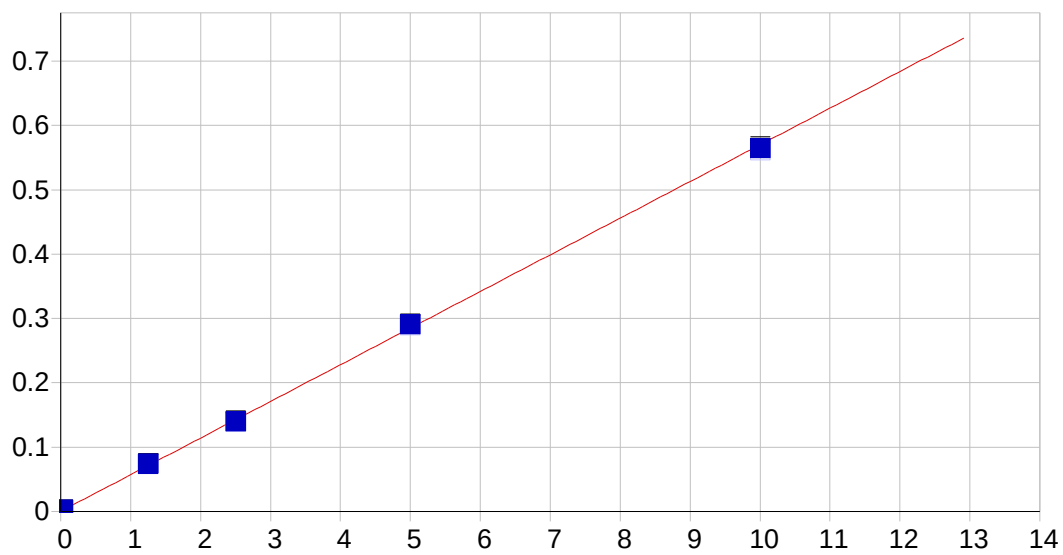


Pb 220.353 {453}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.177805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.002020
 Predicted MQL: 0.006732

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.01000	.00968	.000	-3.16	.00202	.000	1
S2	6.2500	6.3317	.082	1.31	1.1276	.003	1
S3	12.500	12.080	-.420	-3.36	2.1513	.012	1
S4	25.000	25.640	.640	2.56	4.5654	.018	1
S5	50.000	49.698	-.302	-.604	8.8491	.030	1

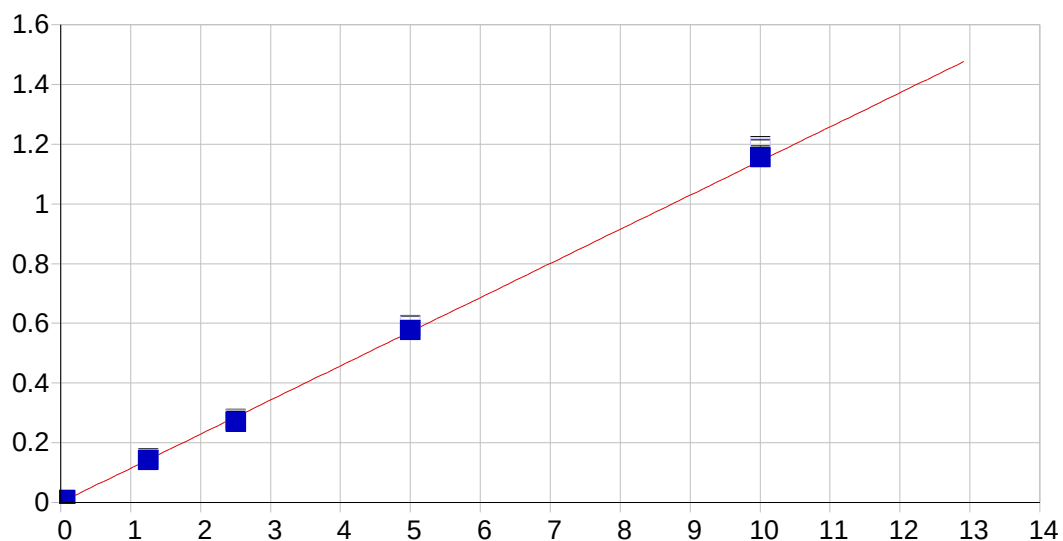


Se 196.090 {472}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000209	Re-Slope: 1.000000
A1 (Gain):	0.056965	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999842	Status: OK.
Std Error of Est:	0.000032	
Predicted MDL:	0.003622	
Predicted MQL:	0.012074	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.03500	.03846	.003	9.88	.00240	.000	1
S2	1.2500	1.2950	.045	3.60	.07365	.000	1
S3	2.5000	2.4538	-.046	-1.85	.13932	.001	1
S4	5.0000	5.1005	.100	2.01	.28942	.000	1
S5	10.000	9.8972	-.103	-1.03	.56133	.003	1

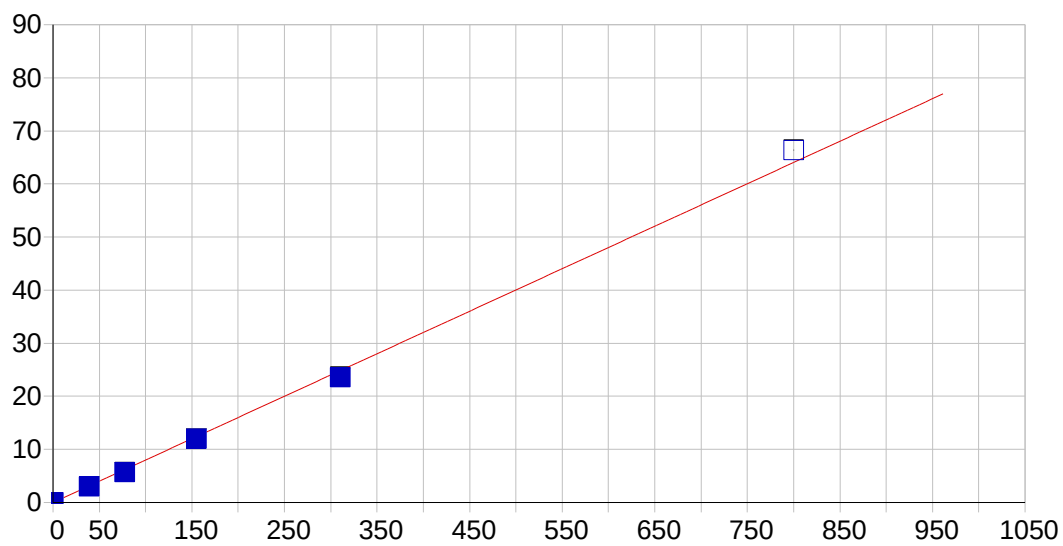


Sb 206.833 {463}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.114317 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999762 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.002053
 Predicted MQL: 0.006843

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.06000	.06372	.004	6.20	.00754	.000	1
S2	1.2500	1.2381	-.012	-.951	.14569	.000	1
S3	2.5000	2.3620	-.138	-5.52	.27806	.001	1
S4	5.0000	5.0366	.037	.731	.59159	.002	1
S5	10.000	10.110	.110	1.10	1.1871	.005	1

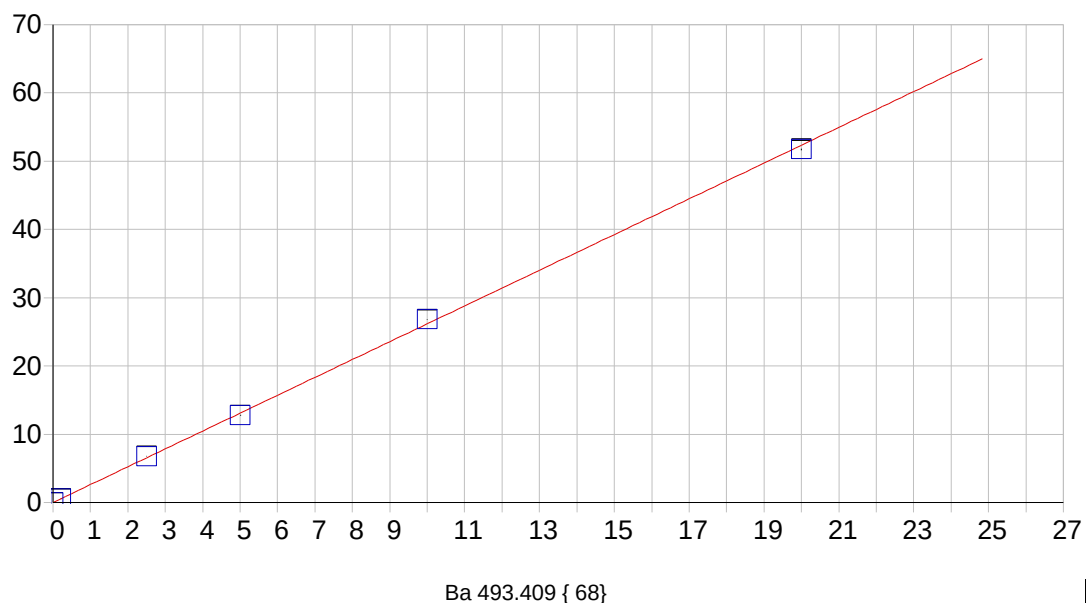


AI 396.152 { 85}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002869 Re-Slope: 1.000000
 A1 (Gain): 0.080011 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999019 Status: OK.
 Std Error of Est: 0.002206
 Predicted MDL: 0.015879
 Predicted MQL: 0.052930

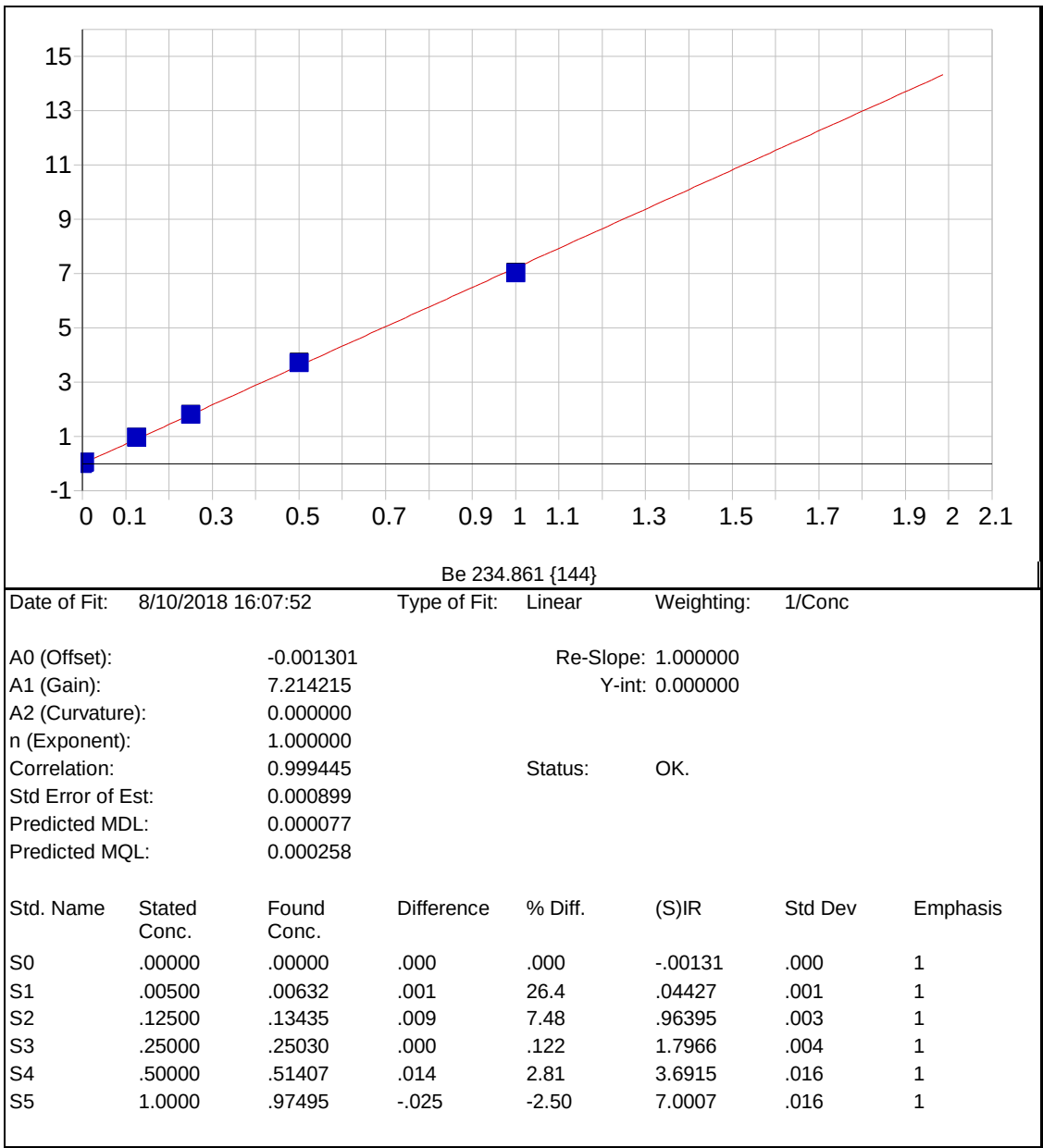
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00287	.000	1
S1	.20000	.21525	.015	7.62	.02011	.001	1
S2	38.750	37.491	-1.26	-3.25	3.0055	.009	1
S3	77.500	70.682	-6.82	-8.80	5.6640	.020	1
S4	155.00	149.61	-5.39	-3.48	11.985	.008	1
S5	310.00	294.14	-15.9	-5.12	23.560	.109	1
S6	800.00	829.34	29.3	3.67	66.359	.054	1

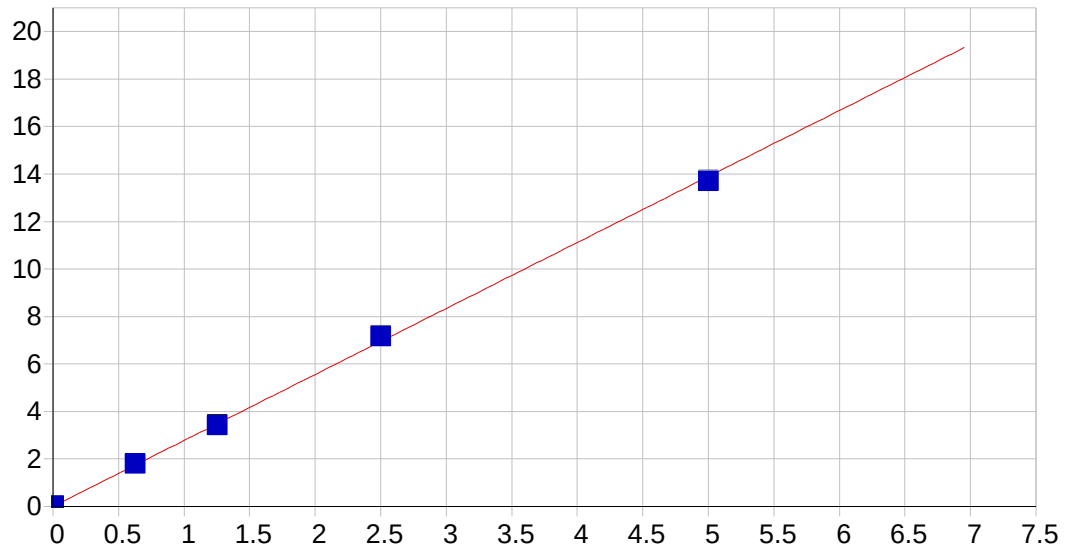


Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004004 Re-Slope: 1.000000
 A1 (Gain): 2.616898 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.006015
 Predicted MDL: 0.000976
 Predicted MQL: 0.003253

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00393	.003	1
S1	.20000	.22377	.024	11.9	.58960	.004	1
S2	2.5000	2.5918	.092	3.67	6.7866	.021	1
S3	5.0000	4.8816	-.118	-2.37	12.779	.018	1
S4	10.000	10.241	.241	2.41	26.803	.047	1
S5	20.000	19.762	-.238	-1.19	51.719	.147	1



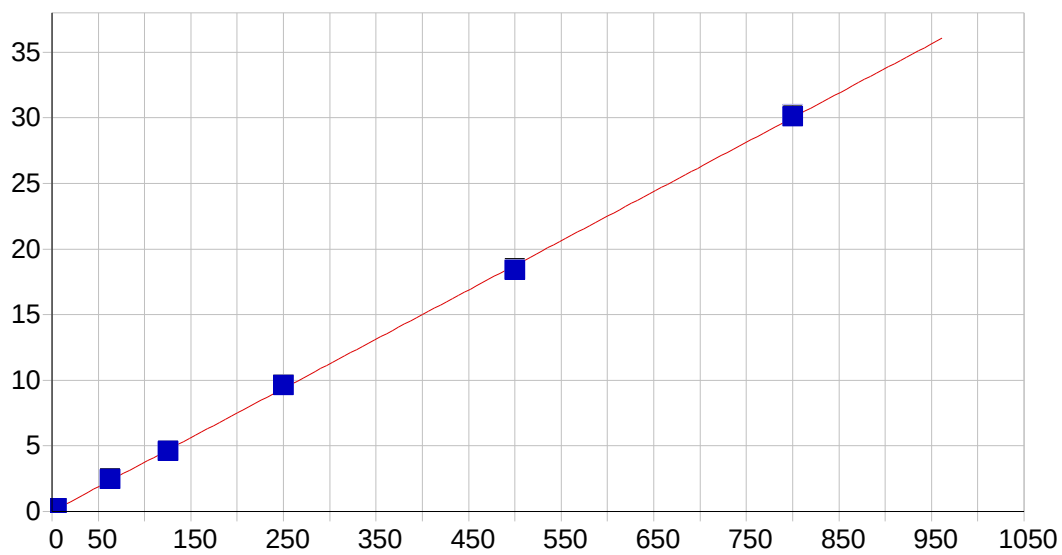


Cd 214.438 {457}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001732 Re-Slope: 1.000000
 A1 (Gain): 2.779154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000519
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S1	.00500	.00561	.001	12.2	.01734	.000	1
S2	.62500	.64613	.021	3.38	1.8010	.006	1
S3	1.2500	1.2274	-.023	-1.81	3.4200	.018	1
S4	2.5000	2.5762	.076	3.05	7.1756	.030	1
S5	5.0000	4.9247	-.075	-1.51	13.717	.032	1

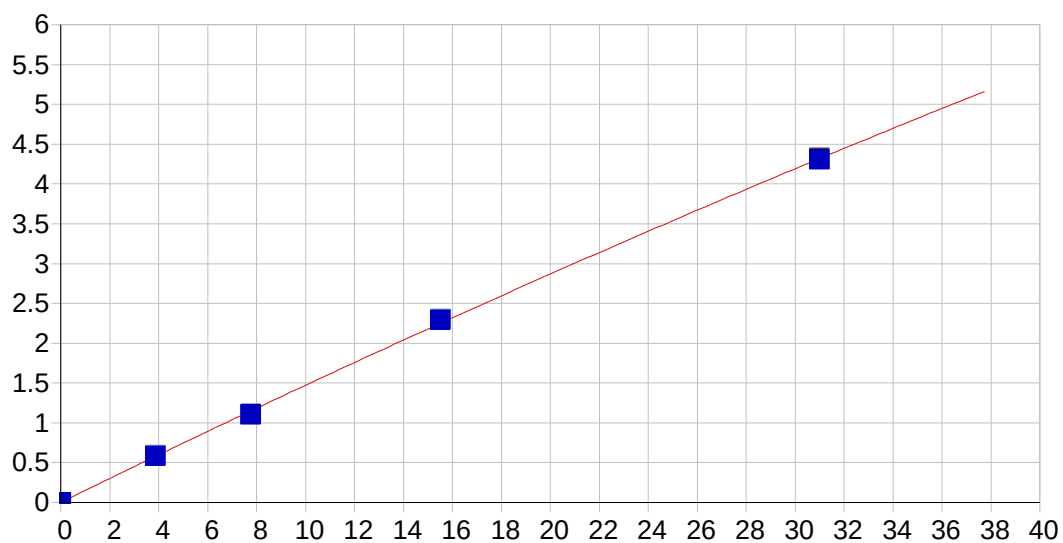


Ca 373.690 { 90}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001913 Re-Slope: 1.000000
 A1 (Gain): 0.037509 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.002443
 Predicted MDL: 0.025355
 Predicted MQL: 0.084517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00073	-.001	.000	.00189	.000	1
S1	5.0000	5.5057	.506	10.1	.20845	.000	1
S2	62.500	65.832	3.33	5.33	2.4796	.012	1
S3	125.00	123.04	-1.96	-1.57	4.6338	.003	1
S4	250.00	256.07	6.07	2.43	9.6403	.015	1
S5	500.00	490.12	-9.88	-1.98	18.453	.054	1
S6	800.00	801.93	1.93	.241	30.260	.016	1

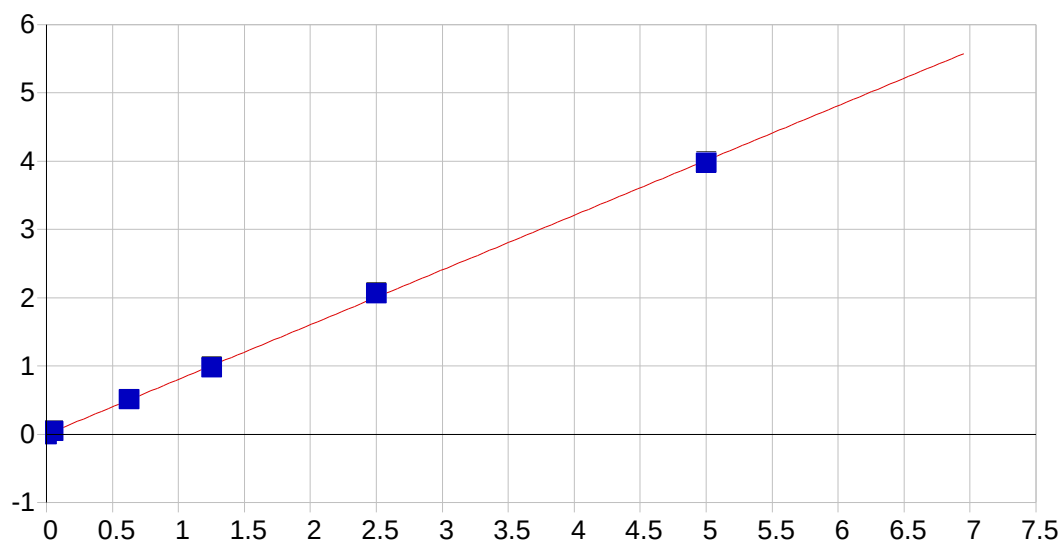


Cr 267.716 {126}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.150910 Y-int: 0.000000
 A2 (Curvature): -0.000375
 n (Exponent): 1.000000
 Correlation: 0.999836 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000604
 Predicted MQL: 0.002015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01153	.002	15.3	.00178	.000	1
S2	3.8750	3.9376	.063	1.61	.58948	.001	1
S3	7.7500	7.4639	-.286	-3.69	1.1076	.002	1
S4	15.500	15.828	.328	2.12	2.2989	.002	1
S5	31.000	30.894	-.106	-.343	4.3129	.011	1

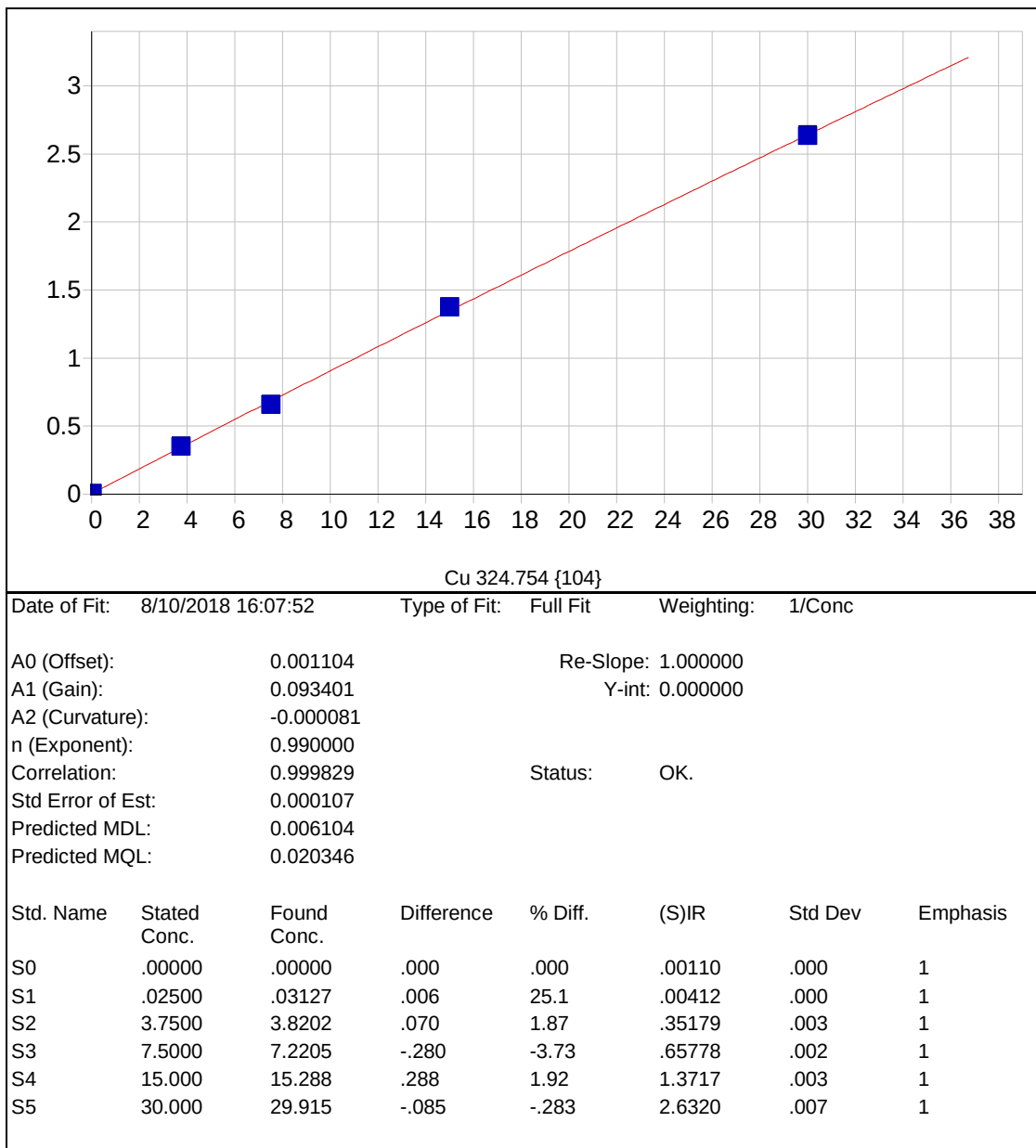


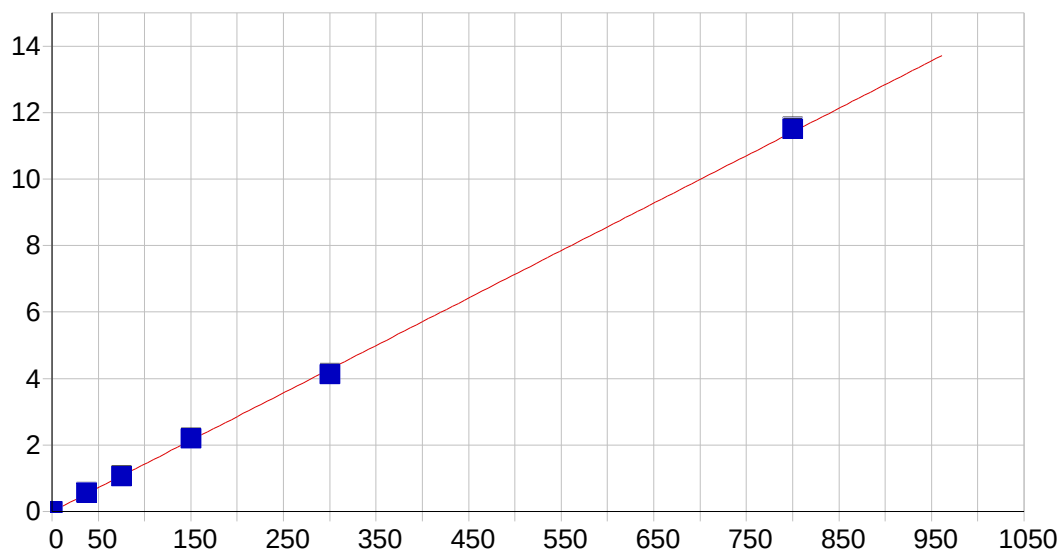
Co 228.616 {448}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.802185 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000418
 Predicted MDL: 0.000308
 Predicted MQL: 0.001028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.05000	.05339	.003	6.78	.04295	.000	1
S2	.62500	.63552	.011	1.68	.51077	.002	1
S3	1.2500	1.2165	-.033	-2.68	.97782	.005	1
S4	2.5000	2.5680	.068	2.72	2.0639	.009	1
S5	5.0000	4.9516	-.048	-.968	3.9800	.013	1



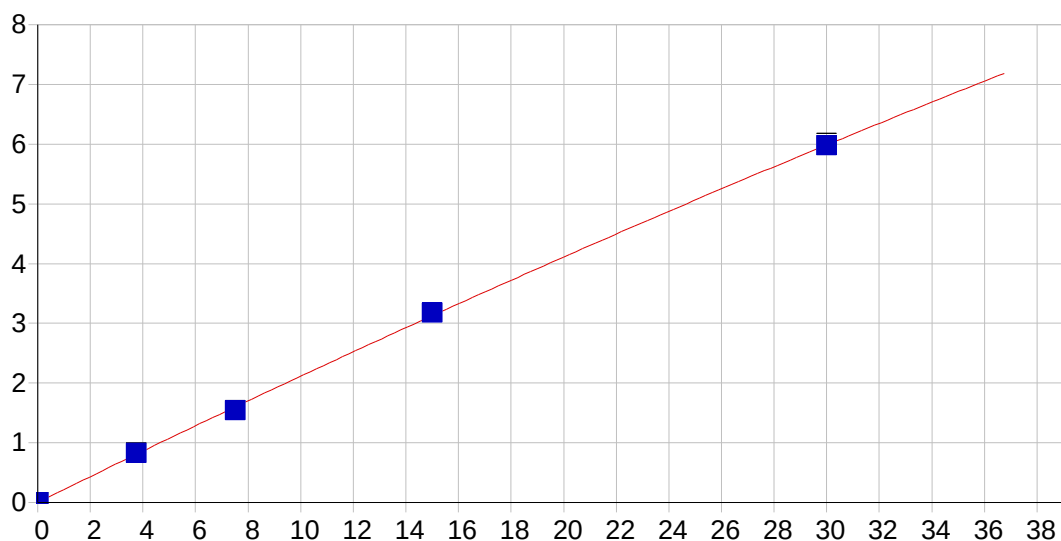


Fe 259.837 {130}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000298 Re-Slope: 1.000000
 A1 (Gain): 0.014269 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999740 Status: OK.
 Std Error of Est: 0.000143
 Predicted MDL: 0.021719
 Predicted MQL: 0.072397

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00030	.000	1
S1	.10000	.08481	-.015	-15.2	.00154	.000	1
S2	37.500	39.850	2.35	6.27	.57176	.005	1
S3	75.000	74.061	-.939	-1.25	1.0628	.002	1
S4	150.00	153.46	3.46	2.30	2.2014	.003	1
S5	300.00	288.74	-11.3	-3.75	4.1431	.017	1
S6	800.00	806.41	6.41	.802	11.558	.015	1

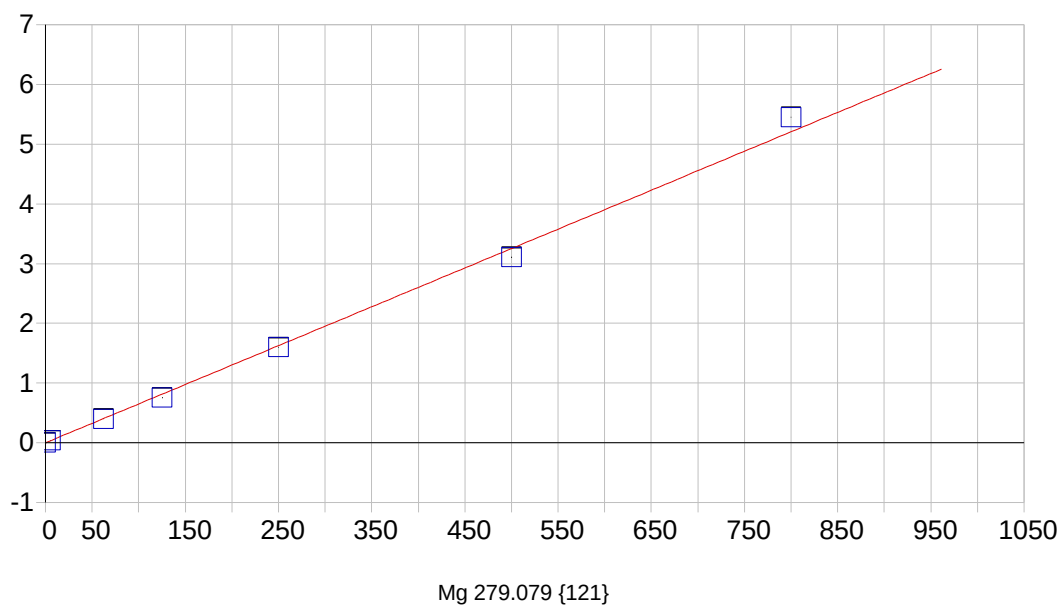


Mn 257.610 {131}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000280 Re-Slope: 1.000000
 A1 (Gain): 0.217392 Y-int: 0.000000
 A2 (Curvature): -0.000595
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.001414
 Predicted MQL: 0.004715

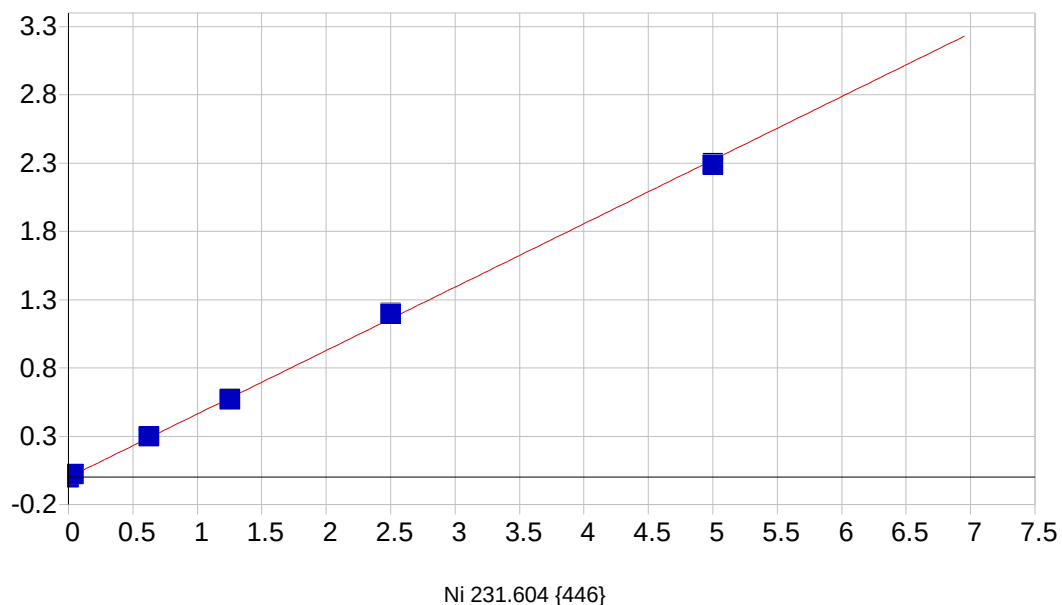
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.01500	.01599	.001	6.62	.00376	.000	1
S2	3.7500	3.8588	.109	2.90	.83048	.008	1
S3	7.5000	7.2190	-.281	-3.75	1.5390	.003	1
S4	15.000	15.236	.236	1.57	3.1751	.003	1
S5	30.000	29.935	-.065	-.215	5.9766	.042	1



Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000242 Re-Slope: 1.000000
 A1 (Gain): 0.006507 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998972 Status: OK.
 Std Error of Est: 0.001030
 Predicted MDL: 0.059586
 Predicted MQL: 0.198620

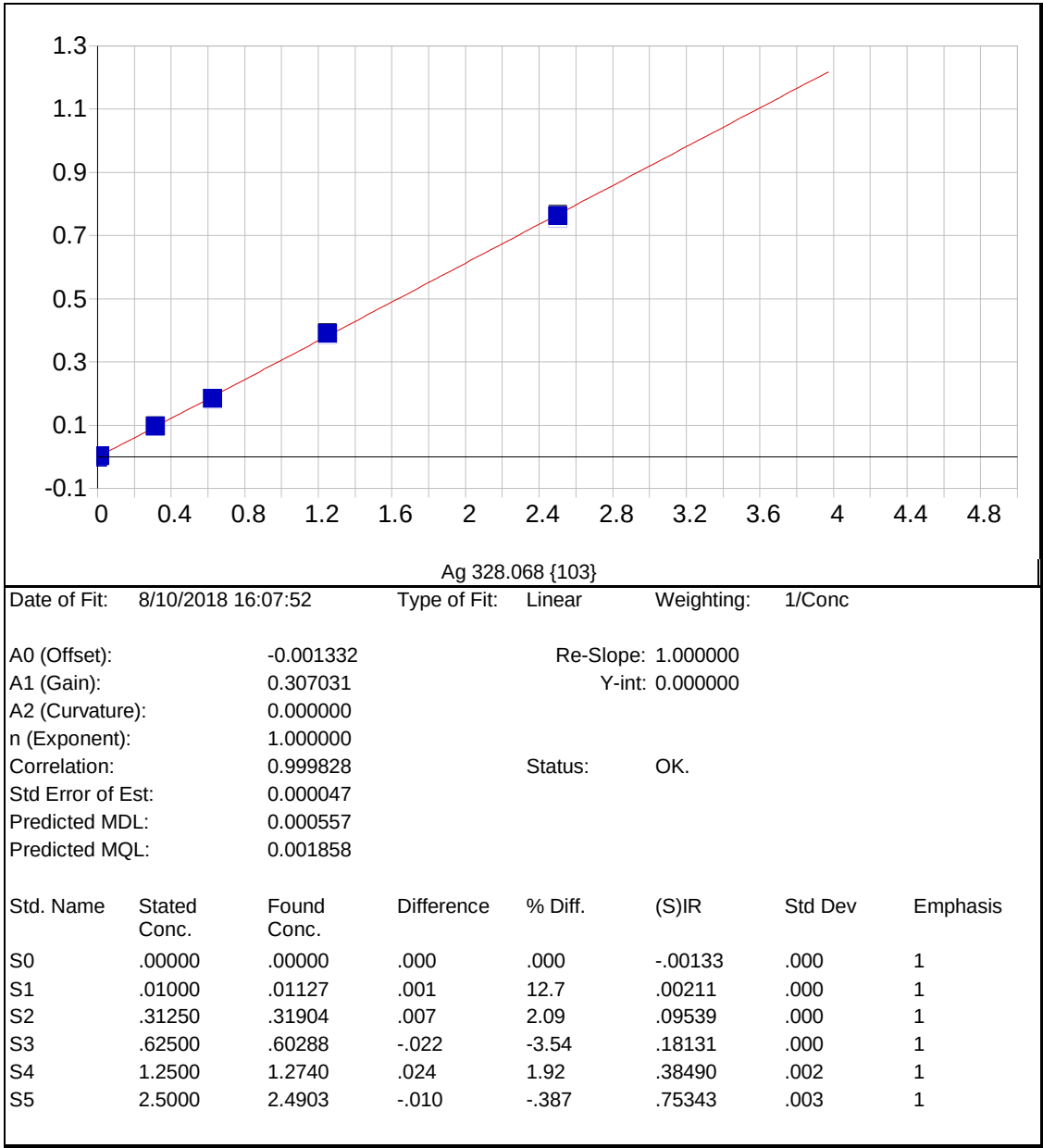
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	-.00024	.000	1
S1	5.0000	5.3121	.312	6.24	.03432	.000	1
S2	62.500	61.300	-1.20	-1.92	.39861	.004	1
S3	125.00	115.89	-9.11	-7.29	.75381	.002	1
S4	250.00	245.22	-4.78	-1.91	1.5953	.004	1
S5	500.00	477.28	-22.7	-4.54	3.1052	.010	1
S6	800.00	837.49	37.5	4.69	5.4490	.004	1

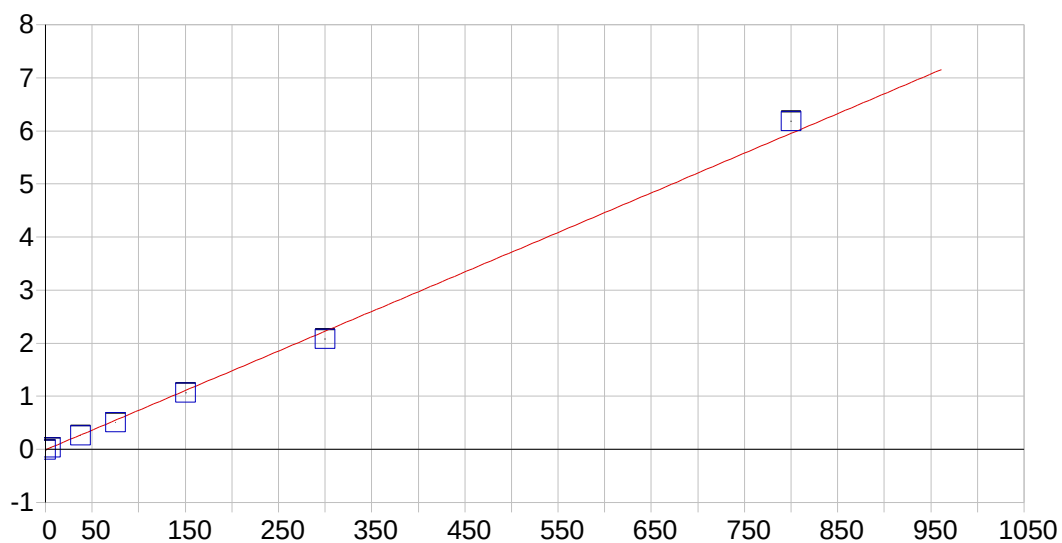


Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001413 Re-Slope: 1.000000
 A1 (Gain): 0.464755 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999743 Status: OK.
 Std Error of Est: 0.000251
 Predicted MDL: 0.000541
 Predicted MQL: 0.001803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00142	.000	1
S1	.04000	.04447	.004	11.2	.01926	.000	1
S2	.62500	.64482	.020	3.17	.29887	.001	1
S3	1.2500	1.2261	-.024	-1.91	.56962	.003	1
S4	2.5000	2.5738	.074	2.95	1.1972	.005	1
S5	5.0000	4.9258	-.074	-1.48	2.2926	.008	1



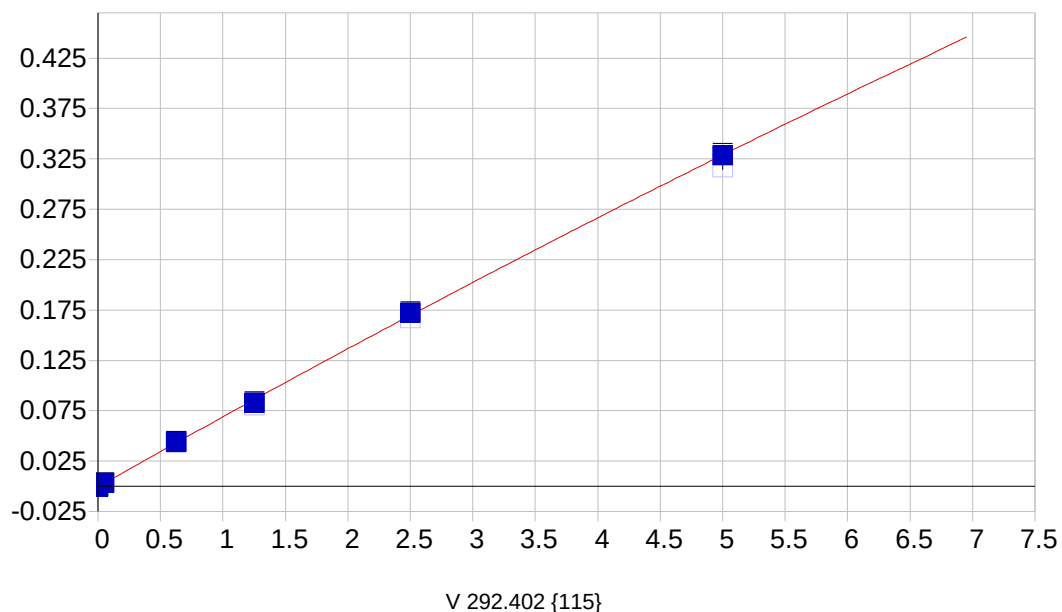


Na 818.326 { 41}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008915 Re-Slope: 1.000000
 A1 (Gain): 0.007450 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998835 Status: OK.
 Std Error of Est: 0.001113
 Predicted MDL: 0.344863
 Predicted MQL: 1.149544

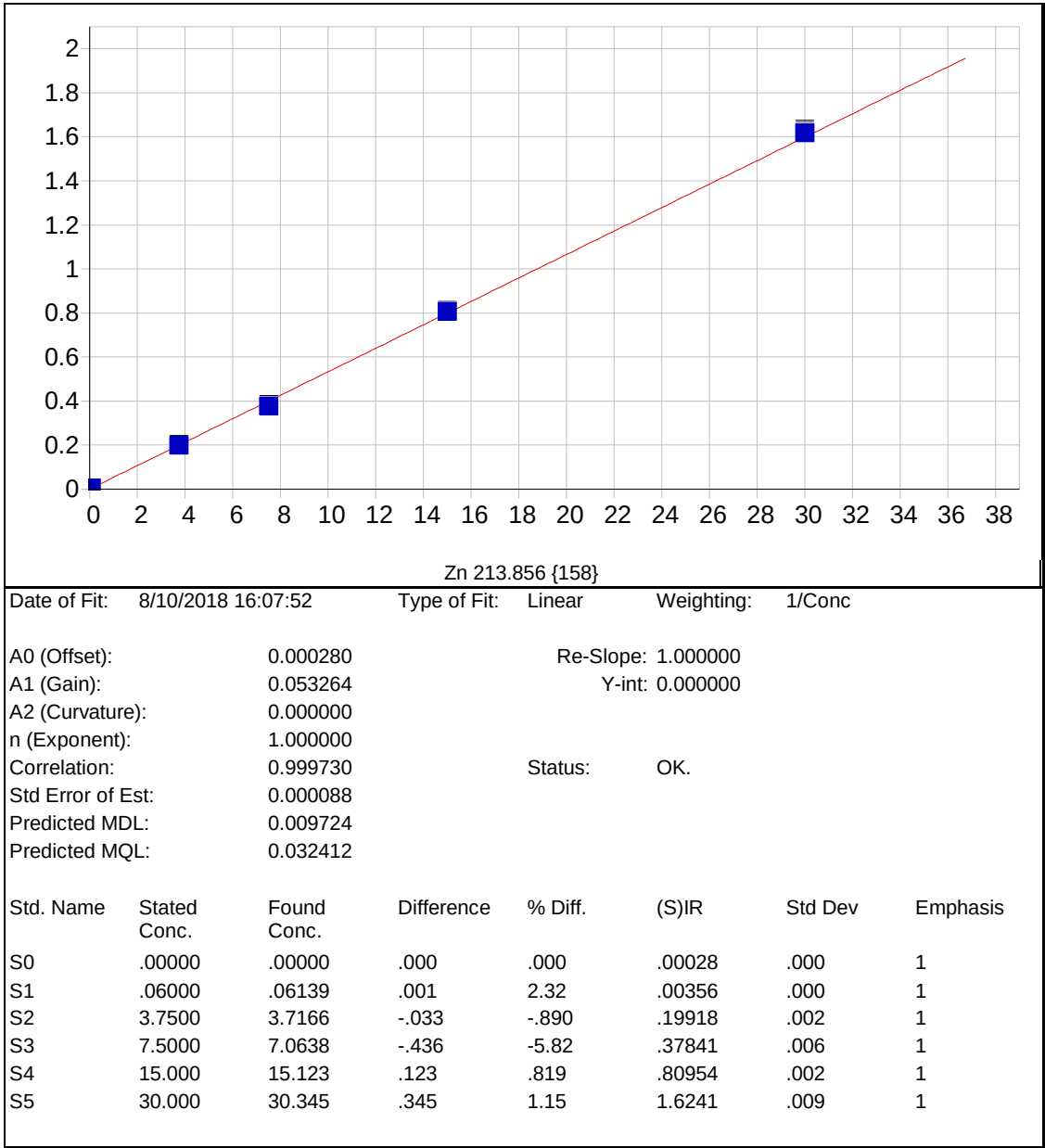
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	-.00891	.001	1
S1	5.0000	5.4315	.431	8.63	.03155	.001	1
S2	37.500	36.730	-.770	-2.05	.26472	.003	1
S3	75.000	69.086	-5.91	-7.89	.50576	.003	1
S4	150.00	144.54	-5.46	-3.64	1.0679	.003	1
S5	300.00	280.56	-19.4	-6.48	2.0812	.010	1
S6	800.00	831.15	31.1	3.89	6.1829	.012	1

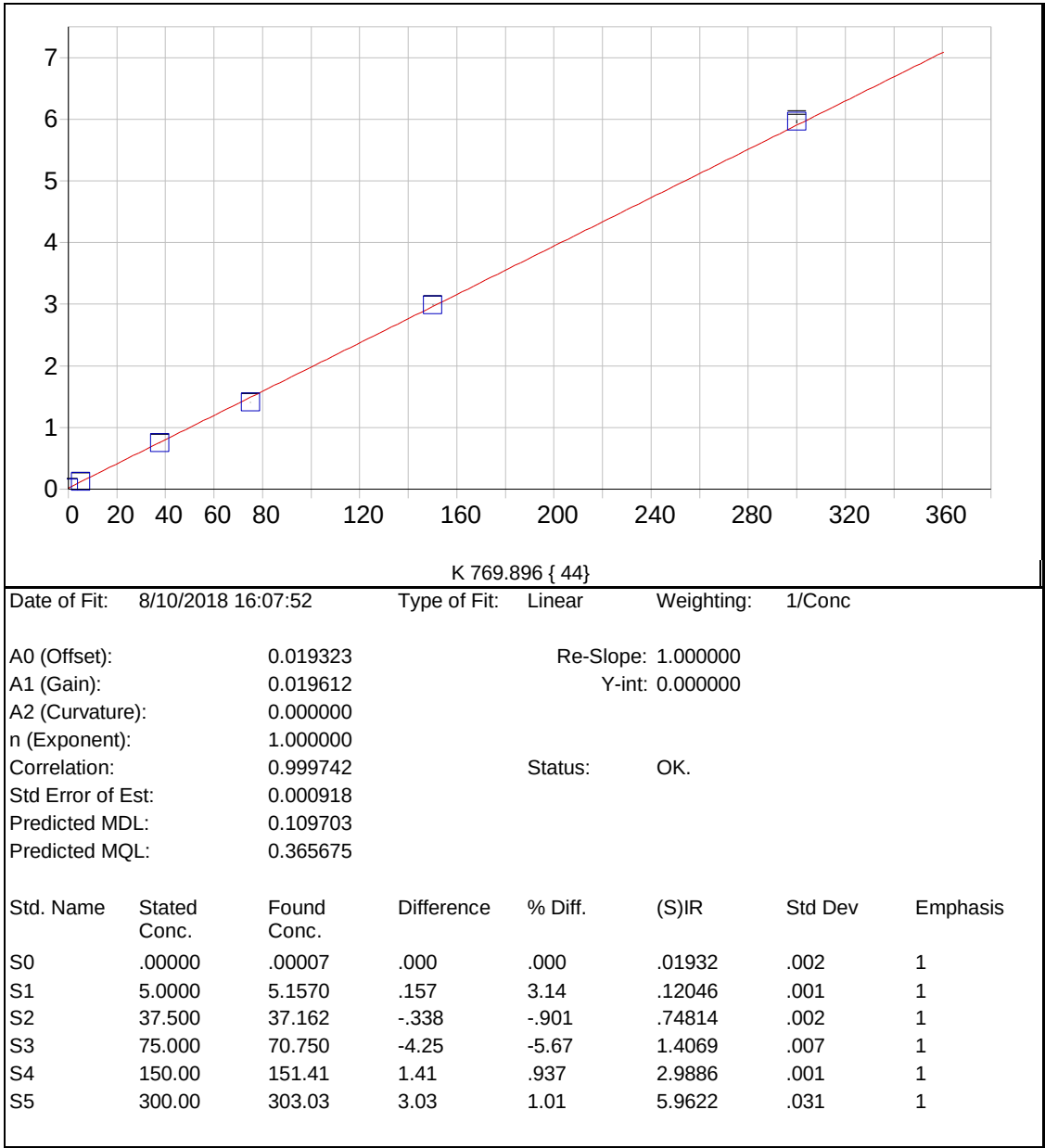


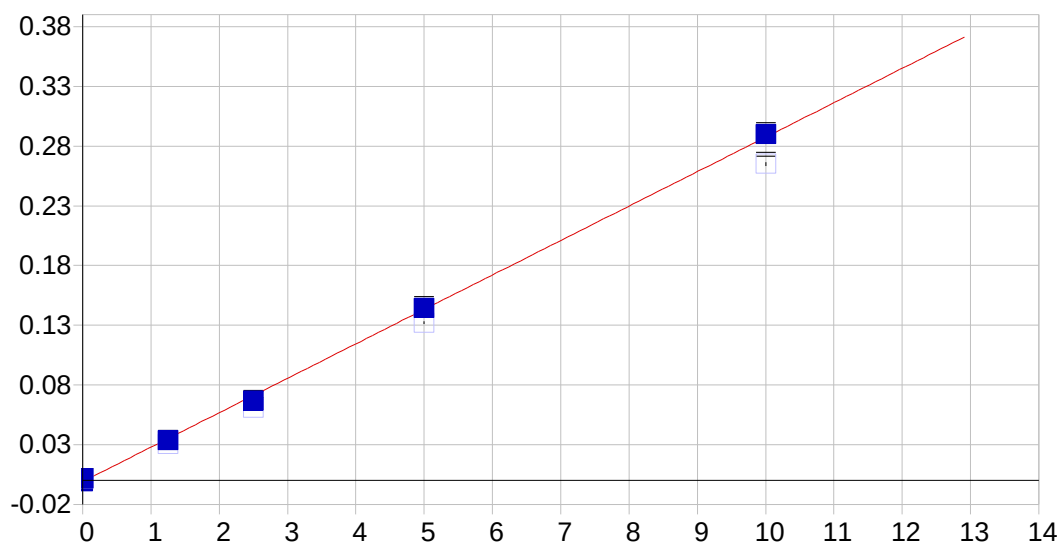
Date of Fit: 8/10/2018 16:07:52 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000349 Re-Slope: 1.000000
 A1 (Gain): 0.070189 Y-int: 0.000000
 A2 (Curvature): -0.000867
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.006666
 Predicted MQL: 0.022219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.05000	.05100	.001	2.01	.00322	.000	1
S2	.62500	.64242	.017	2.79	.04294	.000	1
S3	1.2500	1.2027	-.047	-3.78	.07992	.001	1
S4	2.5000	2.5392	.039	1.57	.16649	.001	1
S5	5.0000	4.9897	-.010	-.207	.31671	.002	1







Date of Fit: 8/10/2018 16:07:52

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000838

Re-Slope: 1.000000

A1 (Gain): 0.028827

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.980773

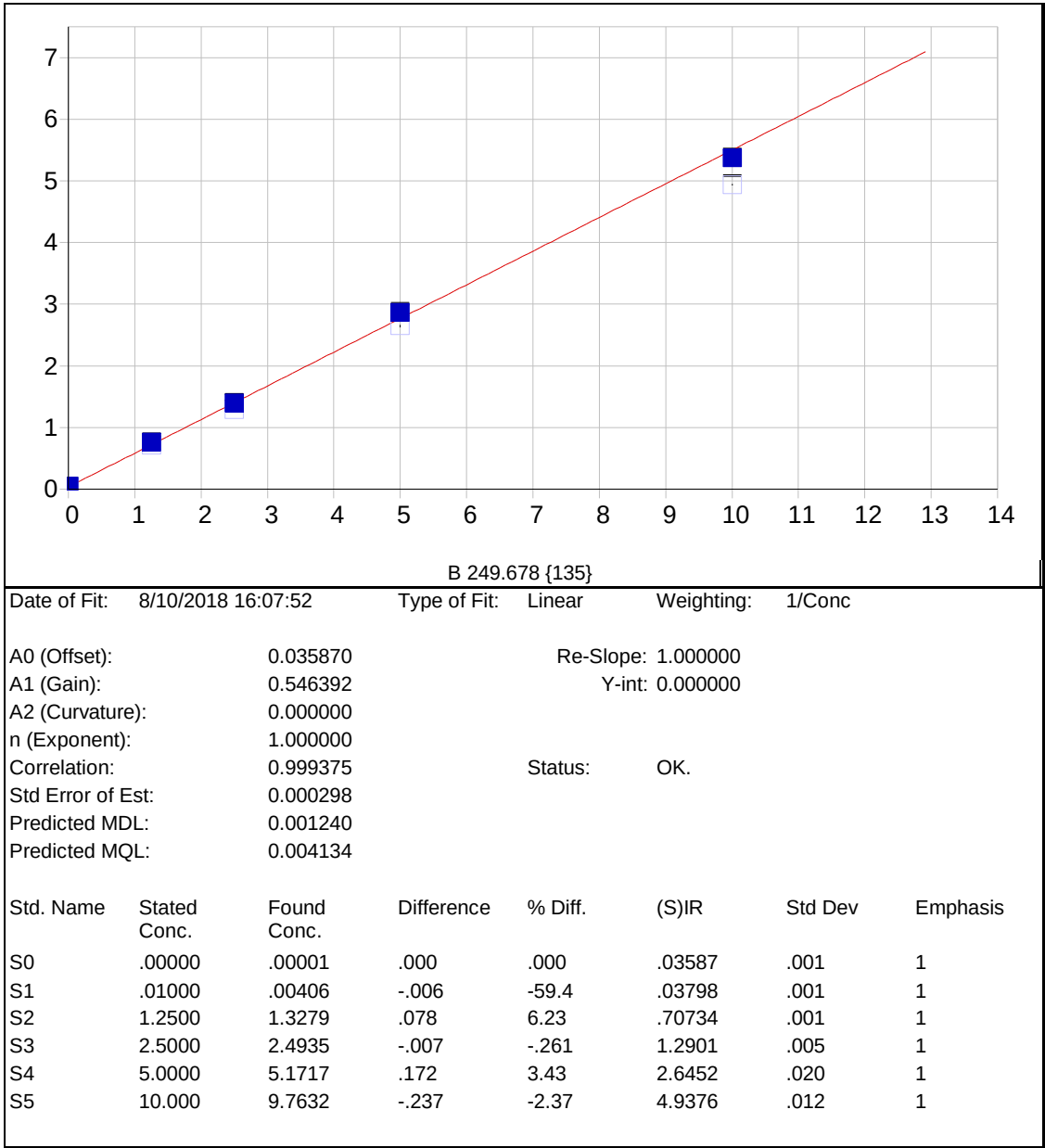
Status: OK.

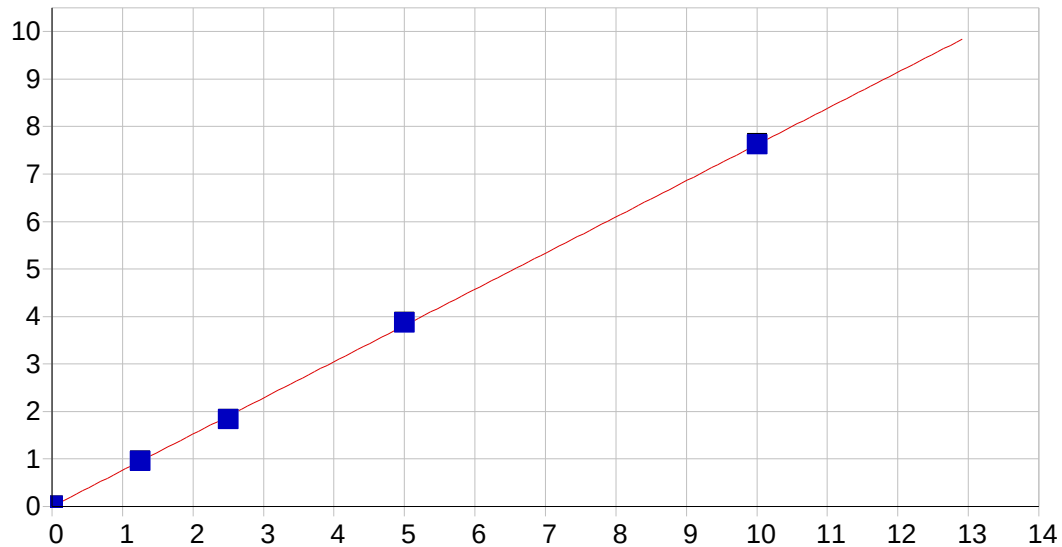
Std Error of Est: 0.000088

Predicted MDL: 0.003465

Predicted MQL: 0.011549

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00084	.000	1
S1	.01000	.08789	.078	779.	.00168	.000	1
S2	1.2500	1.1963	-.054	-4.30	.03054	.000	1
S3	2.5000	2.3463	-.154	-6.15	.06058	.001	1
S4	5.0000	5.0449	.045	.899	.13216	.001	1
S5	10.000	10.083	.083	.828	.26496	.002	1



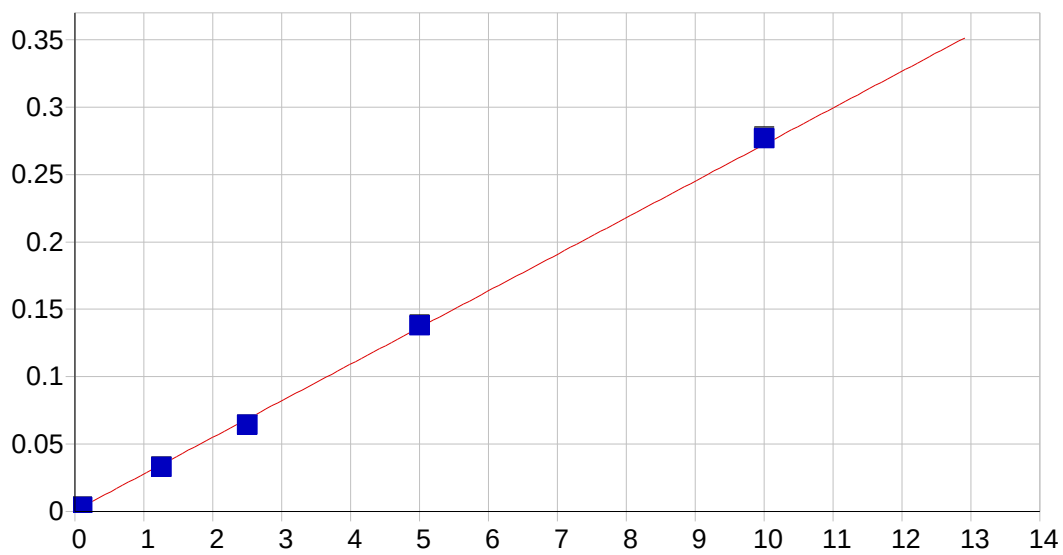


Mo 202.030 {467}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000
 A1 (Gain): 0.762029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000207
 Predicted MDL: 0.000308
 Predicted MQL: 0.001025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.01080	.001	8.02	.00869	.000	1
S2	1.2500	1.2536	.004	.288	.95569	.003	1
S3	2.5000	2.4074	-.093	-3.70	1.8349	.005	1
S4	5.0000	5.0837	.084	1.67	3.8742	.008	1
S5	10.000	10.004	.004	.045	7.6238	.024	1

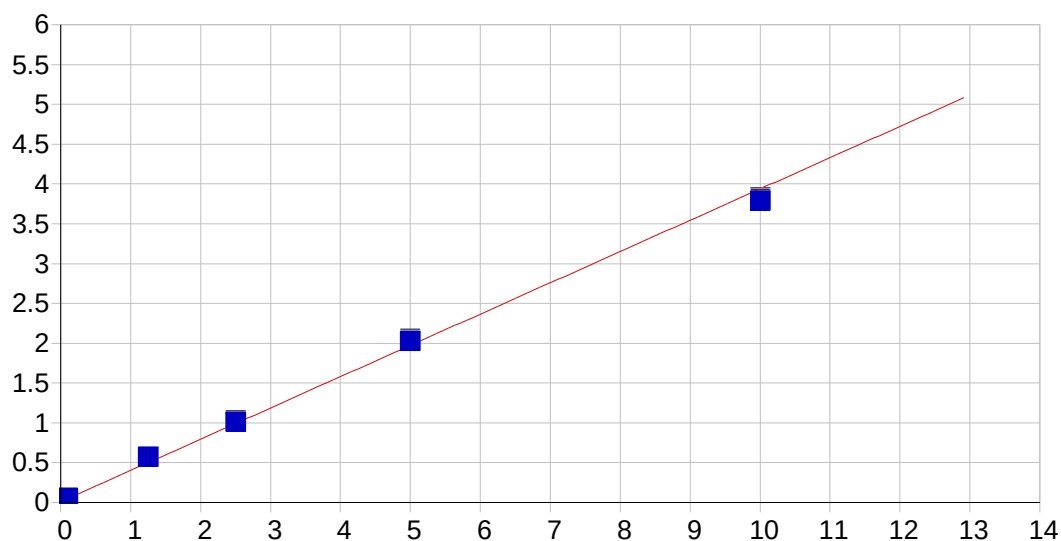


S 182.034 {485}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000669 Re-Slope: 1.000000
 A1 (Gain): 0.027164 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999532 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.004741
 Predicted MQL: 0.015803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00067	.000	1
S1	.10000	.09642	-.004	-3.58	.00329	.000	1
S2	1.2500	1.1876	-.062	-4.99	.03294	.000	1
S3	2.5000	2.3357	-.164	-6.57	.06414	.000	1
S4	5.0000	5.0585	.059	1.17	.13813	.000	1
S5	10.000	10.172	.172	1.72	.27707	.001	1

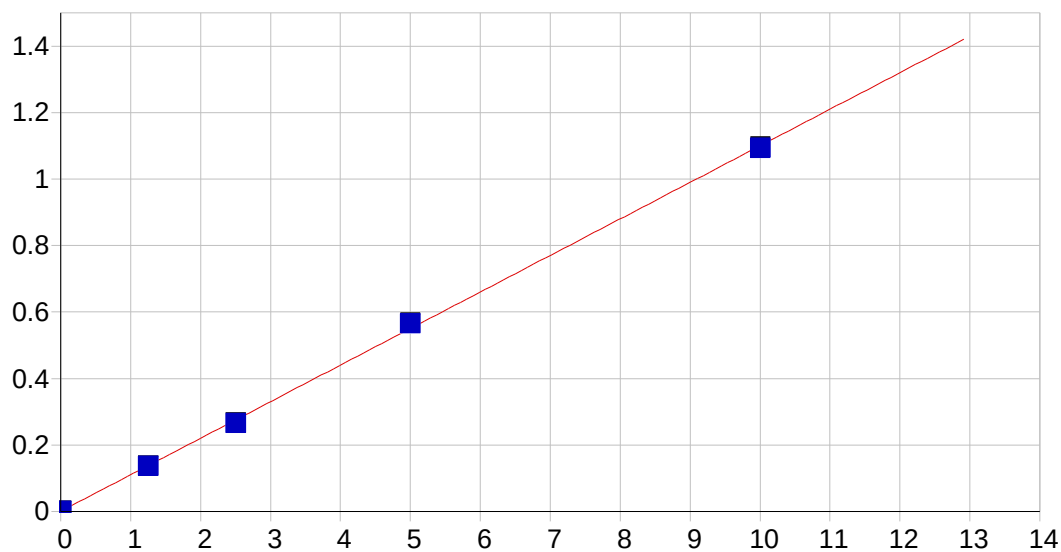


Si 251.611 {134}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009004 Re-Slope: 1.000000
 A1 (Gain): 0.392807 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998822 Status: OK.
 Std Error of Est: 0.001023
 Predicted MDL: 0.001524
 Predicted MQL: 0.005080

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00899	.000	1
S1	.10000	.10779	.008	7.79	.05148	.000	1
S2	1.2500	1.4318	.182	14.5	.57545	.003	1
S3	2.5000	2.5535	.053	2.14	1.0201	.003	1
S4	5.0000	5.1279	.128	2.56	2.0394	.016	1
S5	10.000	9.6291	-.371	-3.71	3.8236	.009	1

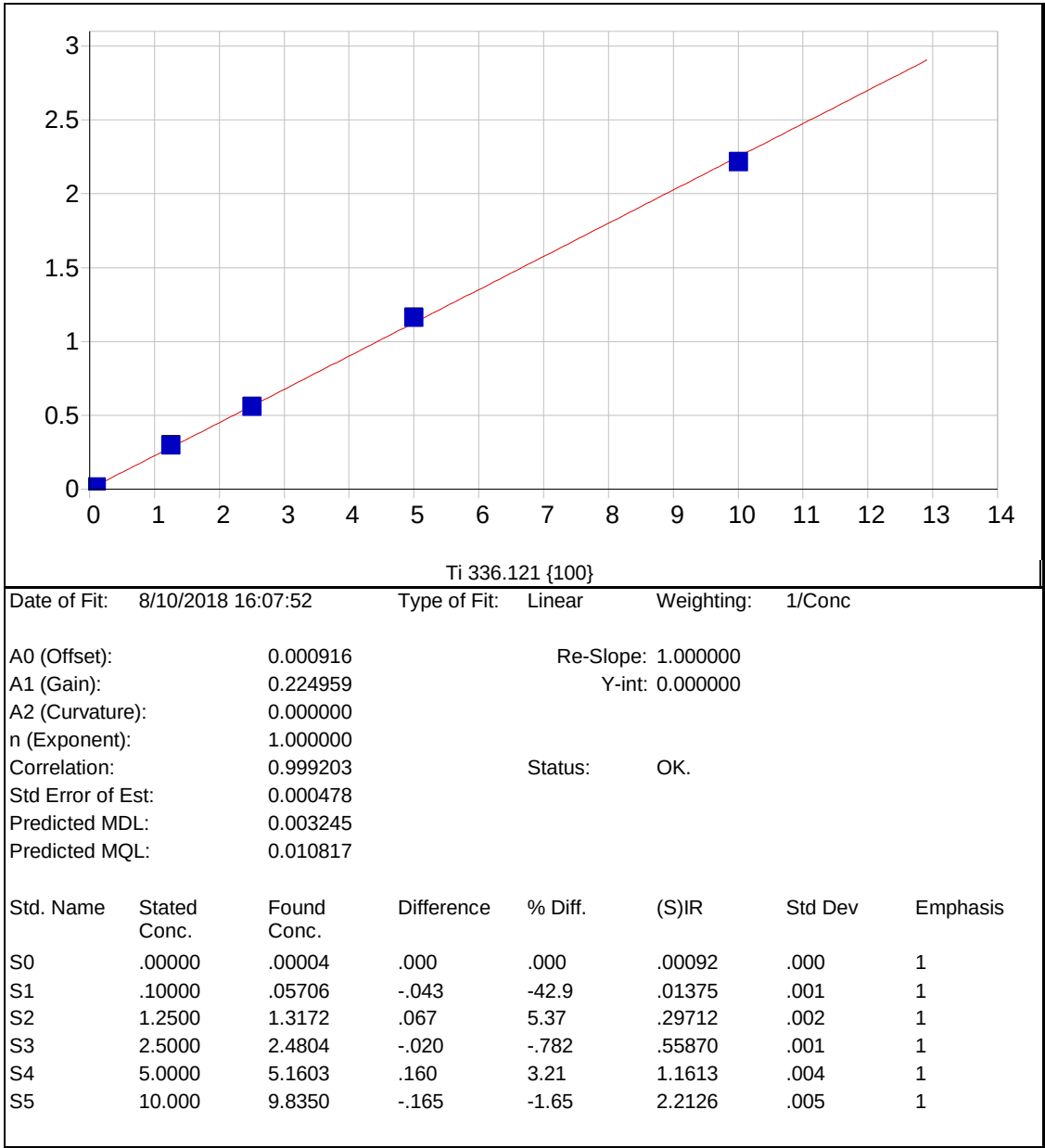


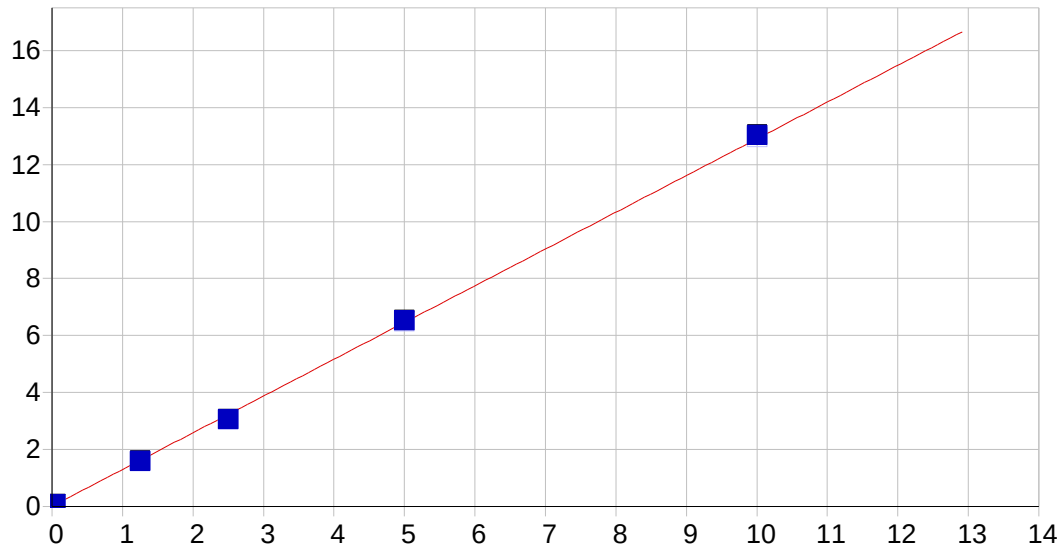
Sn 189.989 {478}

Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000519 Re-Slope: 1.000000
 A1 (Gain): 0.109958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999816 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.001179
 Predicted MQL: 0.003930

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00052	.000	1
S1	.00700	.00723	.000	3.27	.00128	.000	1
S2	1.2500	1.2456	-.004	-.354	.13718	.000	1
S3	2.5000	2.4155	-.084	-3.38	.26551	.001	1
S4	5.0000	5.1371	.137	2.74	.56417	.002	1
S5	10.000	9.9516	-.048	-.484	1.0923	.003	1



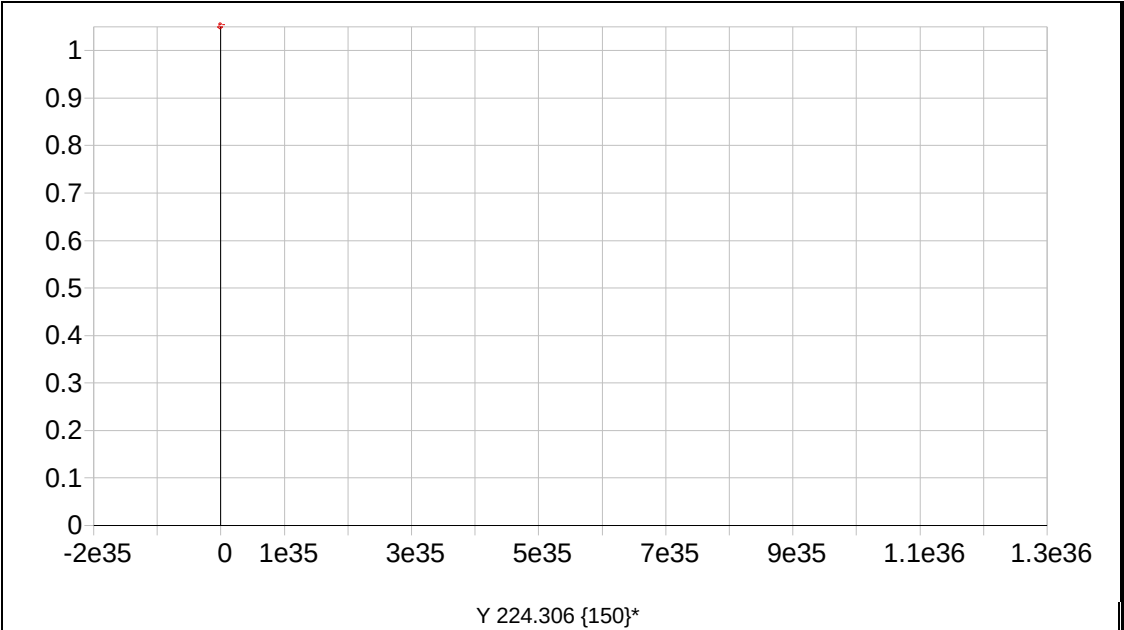


Li 670.784 { 50}

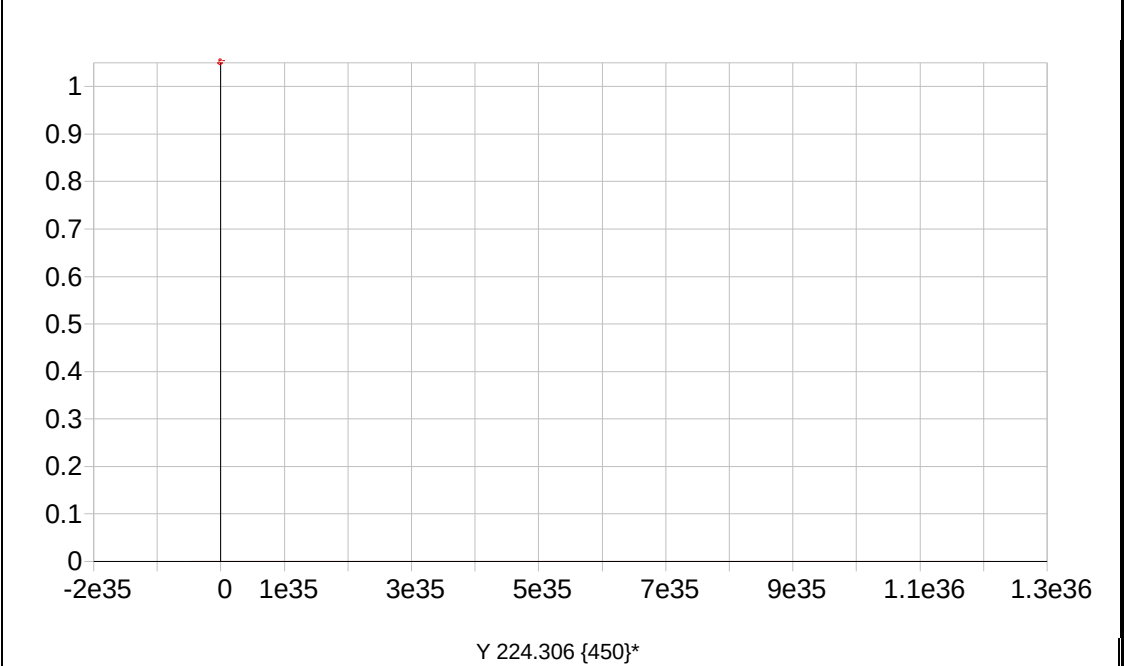
Date of Fit: 8/10/2018 16:07:52 Type of Fit: Linear Weighting: 1/Conc

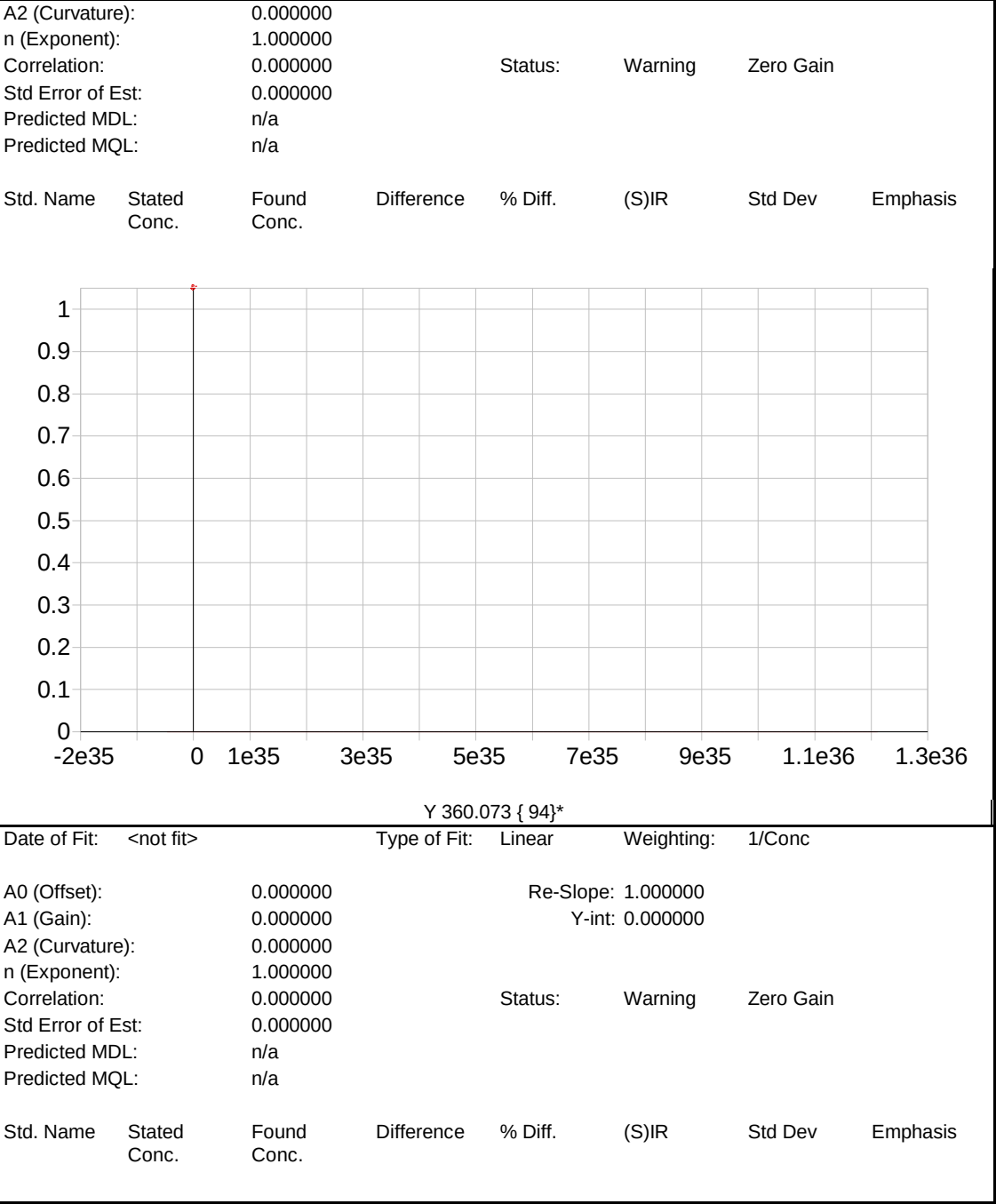
A0 (Offset): 0.009821 Re-Slope: 1.000000
 A1 (Gain): 1.289415 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754 Status: OK.
 Std Error of Est: 0.001067
 Predicted MDL: 0.002096
 Predicted MQL: 0.006988

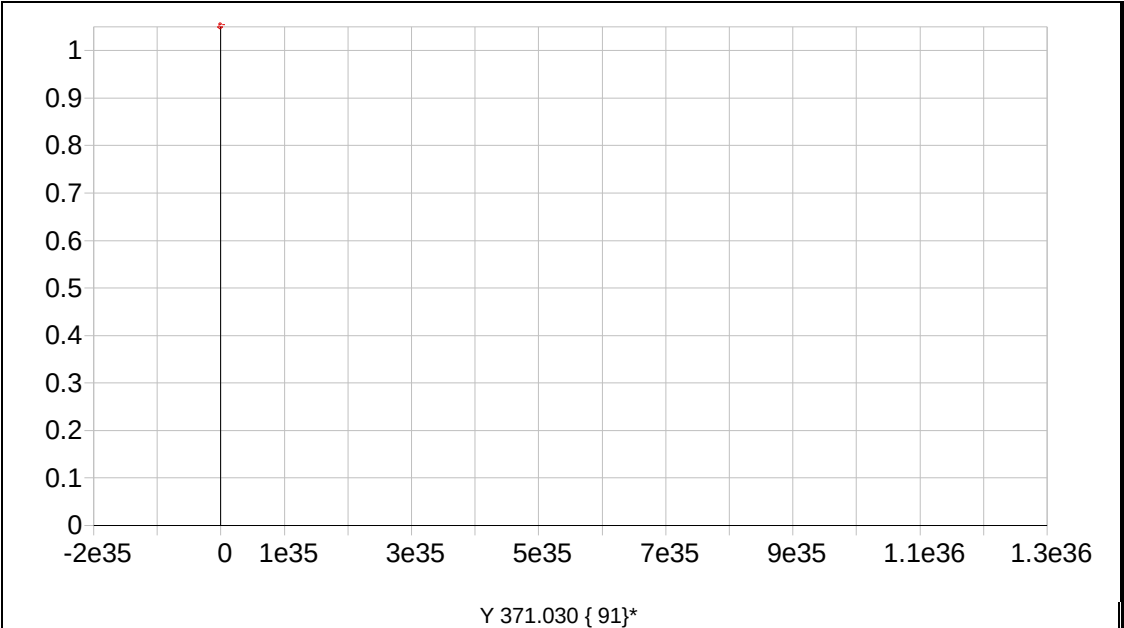
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00982	.000	1
S5	10.000	10.098	.098	.981	12.958	.022	1
S4	5.0000	5.0572	.057	1.14	6.4944	.016	1
S3	2.5000	2.3662	-.134	-5.35	3.0428	.003	1
S2	1.2500	1.2287	-.021	-1.71	1.5850	.004	1
S1	.05000	.04978	.000	-.440	.07388	.002	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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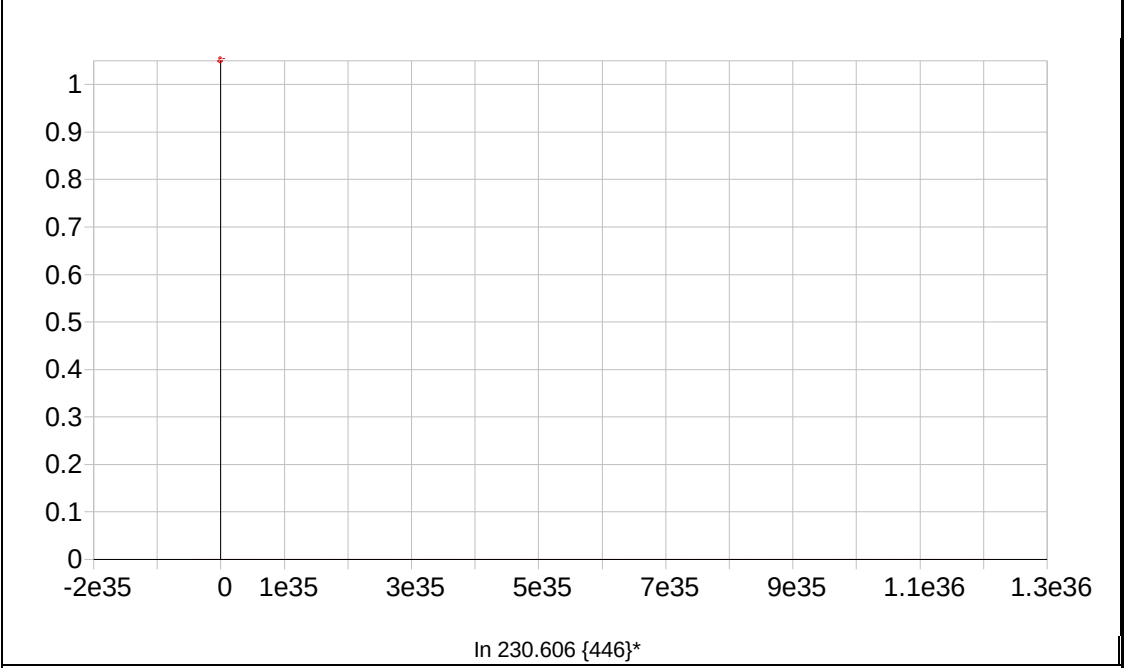




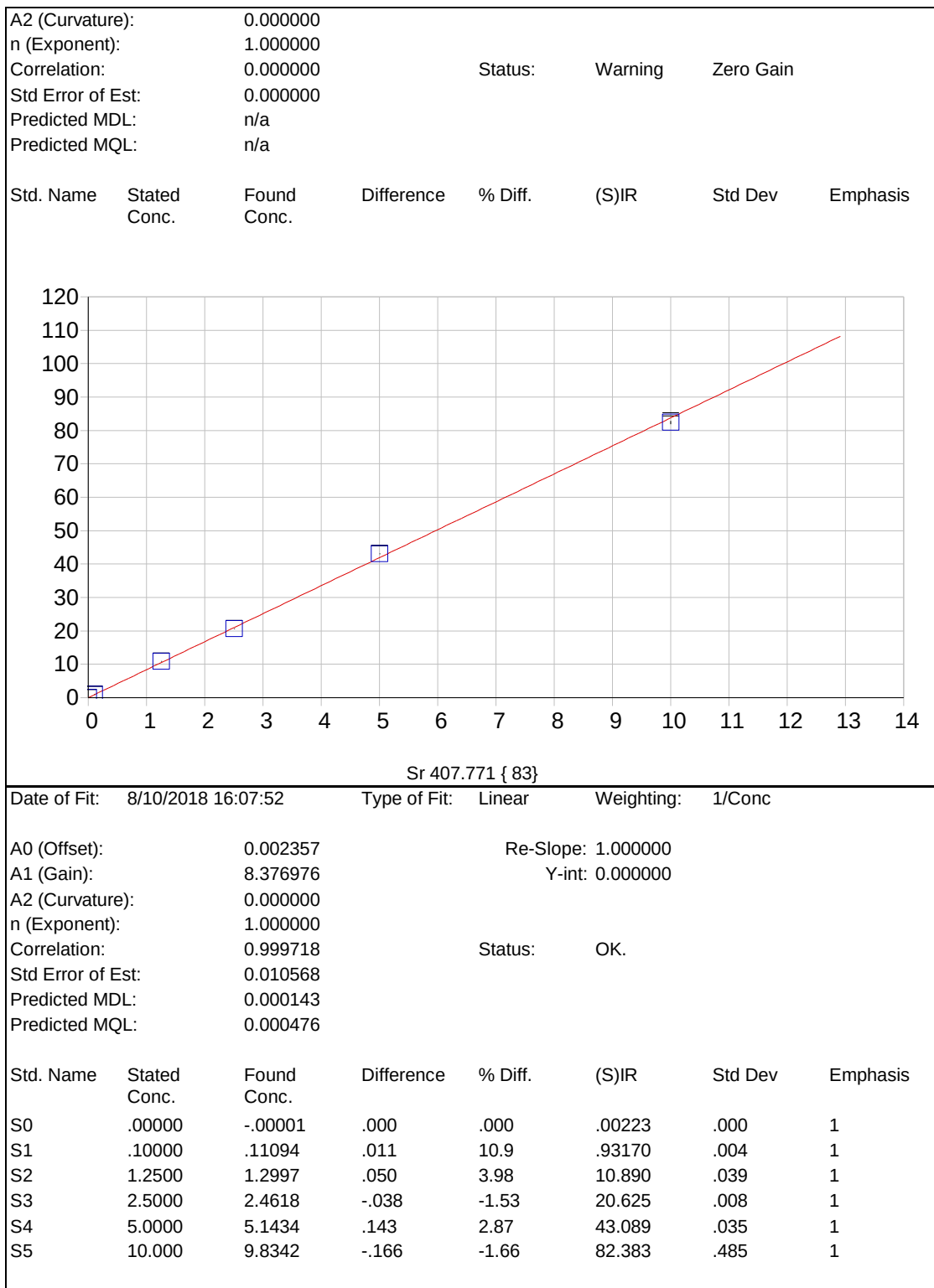


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 8/10/2018 15:31:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	-.00028	.00029	.00021	.00026	.00287	.00393	-.00131
Stddev	.00010	.00010	.00007	.00013	.00013	.00048	.00271	.00039
%RSD	44.134	35.534	23.196	63.550	49.285	16.884	68.988	29.966
#1	-.00034	-.00031	.00026	.00036	.00013	.00288	.00317	-.00177
#2	-.00017	-.00017	.00024	.00017	.00025	.00335	.00168	-.00110
#3	-.00017	-.00035	.00037	.00010	.00039	.00238	.00694	-.00107
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	.00173	.00189	.00004	-.00003	.00110	.00030	.00028	-.00024
Stddev	.00022	.00044	.00003	.00026	.00031	.00019	.00020	.00030
%RSD	12.469	23.205	81.543	750.61	27.815	62.056	71.954	123.92
#1	.00150	.00140	.00007	-.00031	.00116	.00011	.00047	-.00053
#2	.00175	.00225	.00001	.00020	.00138	.00048	.00007	-.00026
#3	.00193	.00201	.00003	.00001	.00077	.00031	.00030	.00007
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	-.00142	-.00133	-.00891	-.00035	.00028	.01932	-.00084	.03587
Stddev	.00006	.00010	.00107	.00027	.00010	.00195	.00004	.00058
%RSD	4.0763	7.1898	12.004	76.217	34.916	10.100	4.2988	1.6043
#1	-.00142	-.00130	-.00995	-.00019	.00032	.01780	-.00080	.03650
#2	-.00136	-.00144	-.00898	-.00020	.00035	.01865	-.00086	.03538
#3	-.00147	-.00126	-.00781	-.00066	.00017	.02153	-.00086	.03573
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	.00046	.00067	.00899	.00052	.00092	.00982	.00223	
Stddev	.00022	.00016	.00043	.00010	.00029	.00033	.00038	
%RSD	47.680	23.227	4.8174	18.970	31.140	3.4072	16.925	
#1	.00064	.00057	.00949	.00042	.00086	.00948	.00181	
#2	.00051	.00085	.00870	.00062	.00124	.01014	.00254	
#3	.00022	.00059	.00880	.00052	.00067	.00985	.00236	

Sample Name: S0 Acquired: 8/10/2018 15:31:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1703.1	2796.3	40760.	4664.2	3436.0
Stddev	10.0	7.0	296.	17.4	1.5
%RSD	.58673	.25088	.72521	.37226	.04366
#1	1704.6	2804.3	40687.	4684.1	3436.8
#2	1692.5	2793.3	40508.	4656.7	3437.0
#3	1712.3	2791.3	41086.	4651.9	3434.3

Sample Name: S1 Acquired: 8/10/2018 15:35:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.00014	.00109	.00202	.00240	.00754	.02011	.58960	.04427
Stddev	.00007	.00007	.00034	.00017	.00040	.00066	.00372	.00117
%RSD	52.937	6.8130	16.610	7.2601	5.3686	3.3049	.63125	2.6466

#1	.00007	.00117	.00164	.00233	.00781	.01983	.59143	.04295
#2	.00014	.00103	.00224	.00260	.00773	.02087	.59206	.04466
#3	.00022	.00106	.00219	.00227	.00708	.01964	.58532	.04520

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	.01734	.20845	.00178	.04295	.00412	.00154	.00376	.03432
Stddev	.00022	.00036	.00014	.00022	.00029	.00002	.00015	.00040
%RSD	1.2826	.17196	7.9012	.51612	7.0238	1.1567	4.0117	1.1691

#1	.01757	.20819	.00189	.04317	.00379	.00154	.00358	.03393
#2	.01730	.20886	.00184	.04273	.00432	.00152	.00385	.03431
#3	.01713	.20830	.00162	.04294	.00426	.00156	.00383	.03473

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	.01926	.00211	.03155	.00322	.00356	.12046	.00168	.03798
Stddev	.00008	.00018	.00082	.00017	.00013	.00083	.00005	.00135
%RSD	.43581	8.6067	2.5838	5.1359	3.6730	.68673	3.1851	3.5522

#1	.01936	.00232	.03159	.00306	.00341	.12142	.00167	.03751
#2	.01923	.00201	.03071	.00321	.00365	.12004	.00174	.03693
#3	.01920	.00199	.03234	.00339	.00363	.11993	.00163	.03950

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	.00869	.00329	.05148	.00128	.01375	.07388	.93170
Stddev	.00033	.00008	.00040	.00005	.00052	.00240	.00396
%RSD	3.8494	2.4141	.78236	4.0454	3.7479	3.2420	.42496

#1	.00831	.00325	.05102	.00128	.01325	.07505	.93549
#2	.00895	.00338	.05166	.00123	.01428	.07112	.93202
#3	.00880	.00323	.05176	.00134	.01371	.07547	.92759

Sample Name: S1 Acquired: 8/10/2018 15:35:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1713.4	2789.8	41089.	4676.6	3459.5
Stddev	11.8	7.9	243.	41.0	5.9
%RSD	.69119	.28275	.59091	.87649	.16990
#1	1709.0	2792.3	40894.	4708.0	3464.1
#2	1726.8	2796.2	41361.	4630.2	3461.6
#3	1704.4	2781.0	41012.	4691.4	3452.9

Sample Name: S2 Acquired: 8/10/2018 15:39:44 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.03496	.06657	1.1276	.07365	.14569	3.0055	6.7866	.96395
Stddev	.00019	.00031	.0032	.00034	.00037	.0092	.0210	.00333
%RSD	.53234	.46877	.28025	.46752	.25079	.30731	.30889	.34588

#1	.03476	.06652	1.1263	.07378	.14568	3.0003	6.7705	.96246
#2	.03499	.06629	1.1254	.07325	.14532	3.0161	6.8103	.96777
#3	.03513	.06691	1.1312	.07390	.14606	2.9999	6.7789	.96163

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	1.8010	2.4796	.58948	.51077	.35179	.57176	.83048	.39861
Stddev	.0062	.0122	.00099	.00211	.00315	.00495	.00820	.00352
%RSD	.34295	.49176	.16786	.41312	.89426	.86598	.98751	.88368

#1	1.7957	2.4707	.58834	.51048	.34852	.56958	.82439	.39645
#2	1.7995	2.4935	.58992	.50882	.35479	.57742	.83981	.40267
#3	1.8078	2.4745	.59016	.51301	.35208	.56827	.82725	.39670

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	.29887	.09539	.26472	.04294	.19918	.74814	.03054	.70734
Stddev	.00067	.00034	.00263	.00029	.00189	.00175	.00014	.00093
%RSD	.22535	.35135	.99257	.68318	.94973	.23409	.47187	.13213

#1	.29835	.09527	.26614	.04313	.19736	.74778	.03053	.70810
#2	.29862	.09514	.26168	.04260	.19905	.75004	.03040	.70630
#3	.29963	.09577	.26633	.04309	.20114	.74659	.03069	.70763

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	.95569	.03294	.57545	.13718	.29712	1.5850	10.890	
Stddev	.00262	.00011	.00251	.00040	.00244	.0040	.039	
%RSD	.27418	.32583	.43681	.29131	.82284	.24896	.35824	

#1	.95471	.03282	.57409	.13679	.29433	1.5810	10.866	
#2	.95370	.03300	.57835	.13716	.29813	1.5889	10.935	
#3	.95866	.03301	.57392	.13758	.29890	1.5852	10.869	

Sample Name: S2 Acquired: 8/10/2018 15:39:44 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1657.9	2660.8	40100.	4669.8	3190.5
Stddev	4.1	7.5	172.	32.2	5.2
%RSD	.24512	.28343	.42921	.68970	.16288
#1	1660.8	2662.2	40298.	4680.0	3192.4
#2	1653.2	2667.5	40023.	4633.7	3194.5
#3	1659.6	2652.6	39981.	4695.7	3184.6

Sample Name: S3 Acquired: 8/10/2018 15:43:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.06770	.12658	2.1513	.13932	.27806	5.6640	12.779	1.7966
Stddev	.00035	.00037	.0122	.00100	.00083	.0205	.018	.0045
%RSD	.52221	.29240	.56816	.71623	.29688	.36154	.14037	.24985

#1	.06747	.12633	2.1442	.13825	.27821	5.6666	12.797	1.7983
#2	.06753	.12642	2.1443	.13950	.27717	5.6423	12.761	1.7915
#3	.06811	.12701	2.1654	.14023	.27880	5.6830	12.778	1.7999

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4200	4.6338	1.1076	.97782	.65778	1.0628	1.5390	.75381
Stddev	.0181	.0033	.0022	.00537	.00161	.0020	.0031	.00232
%RSD	.52924	.07180	.20209	.54897	.24461	.18658	.20262	.30818

#1	3.4117	4.6363	1.1094	.97493	.65761	1.0621	1.5404	.75486
#2	3.4075	4.6300	1.1051	.97451	.65947	1.0612	1.5355	.75115
#3	3.4408	4.6350	1.1083	.98401	.65627	1.0650	1.5412	.75542

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	.56962	.18131	.50576	.07992	.37841	1.4069	.06058	1.2901
Stddev	.00305	.00049	.00335	.00084	.00603	.0075	.00056	.0047
%RSD	.53473	.26762	.66283	1.0535	1.5945	.53216	.92700	.36274

#1	.56840	.18085	.50308	.08003	.37184	1.4109	.06023	1.2941
#2	.56738	.18182	.50467	.08070	.38370	1.3982	.06029	1.2849
#3	.57309	.18126	.50952	.07903	.37968	1.4114	.06123	1.2912

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	1.8349	.06414	1.0201	.26551	.55870	3.0428	20.625	
Stddev	.0048	.00021	.0033	.00126	.00090	.0033	.008	
%RSD	.26112	.32635	.32309	.47619	.16148	.10728	.03869	

#1	1.8318	.06426	1.0239	.26514	.55874	3.0400	20.621	
#2	1.8325	.06390	1.0179	.26448	.55959	3.0419	20.619	
#3	1.8404	.06426	1.0185	.26692	.55779	3.0463	20.634	

Sample Name: S3 Acquired: 8/10/2018 15:43:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1688.9	2666.3	41416.	4855.1	3165.1
Stddev	6.9	5.6	76.	25.8	14.1
%RSD	.40627	.20894	.18286	.53115	.44549
#1	1695.1	2671.3	41495.	4836.9	3172.5
#2	1689.9	2667.3	41408.	4884.6	3174.0
#3	1681.5	2660.3	41344.	4843.9	3148.9

Sample Name: S4 Acquired: 8/10/2018 15:47:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.14439	.25942	4.5654	.28942	.59159	11.985	26.803	3.6915
Stddev	.00063	.00117	.0182	.00042	.00159	.008	.047	.0157
%RSD	.43698	.45015	.39952	.14541	.26902	.06642	.17685	.42622

#1	.14449	.25898	4.5569	.28902	.59102	11.977	26.783	3.6734
#2	.14371	.25854	4.5530	.28938	.59037	11.984	26.768	3.7005
#3	.14496	.26075	4.5864	.28986	.59339	11.993	26.857	3.7008

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.1756	9.6403	2.2989	2.0639	1.3717	2.2014	3.1751	1.5953
Stddev	.0303	.0155	.0015	.0095	.0034	.0029	.0034	.0044
%RSD	.42267	.16032	.06571	.45844	.25140	.13131	.10725	.27381

#1	7.1592	9.6291	2.2997	2.0595	1.3731	2.2032	3.1746	1.5903
#2	7.1569	9.6339	2.2972	2.0575	1.3678	2.2028	3.1720	1.5971
#3	7.2106	9.6580	2.2999	2.0748	1.3743	2.1980	3.1787	1.5985

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	1.1972	.38490	1.0679	.16649	.80954	2.9886	.13216	2.6452
Stddev	.0047	.00168	.0034	.00119	.00176	.0014	.00116	.0202
%RSD	.39115	.43703	.32001	.71679	.21687	.04788	.87825	.76417

#1	1.1954	.38308	1.0648	.16650	.80793	2.9898	.13118	2.6226
#2	1.1936	.38522	1.0673	.16530	.81141	2.9891	.13187	2.6518
#3	1.2025	.38640	1.0716	.16769	.80928	2.9870	.13344	2.6614

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.8742	.13813	2.0394	.56417	1.1613	6.4944	43.089	
Stddev	.0080	.00047	.0160	.00197	.0035	.0164	.035	
%RSD	.20596	.33688	.78556	.34884	.30326	.25205	.08060	

#1	3.8692	.13768	2.0212	.56220	1.1600	6.4844	43.115	
#2	3.8700	.13808	2.0456	.56417	1.1587	6.4856	43.049	
#3	3.8834	.13861	2.0514	.56614	1.1653	6.5133	43.101	

Sample Name: S4 Acquired: 8/10/2018 15:47:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1550.8	2426.9	38615.	4611.8	2849.3
Stddev	8.8	5.2	73.	12.6	7.9
%RSD	.56646	.21313	.18953	.27374	.27876
#1	1560.6	2430.8	38651.	4624.6	2855.0
#2	1547.9	2428.9	38663.	4611.5	2852.6
#3	1543.8	2421.0	38531.	4599.4	2840.2

Sample Name: S5 Acquired: 8/10/2018 15:51:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.28881	.48729	8.8491	.56133	1.1871	23.560	51.719	7.0007
Stddev	.00129	.00173	.0298	.00321	.0054	.109	.147	.0159
%RSD	.44705	.35458	.33643	.57203	.45131	.46102	.28473	.22716

#1	.28744	.48578	8.8240	.55826	1.1830	23.459	51.595	6.9967
#2	.28899	.48692	8.8414	.56107	1.1851	23.675	51.882	7.0182
#3	.29000	.48917	8.8820	.56467	1.1932	23.546	51.681	6.9871

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.717	18.453	4.3129	3.9800	2.6320	4.1431	5.9766	3.1052
Stddev	.032	.054	.0113	.0134	.0067	.0165	.0416	.0104
%RSD	.23594	.29075	.26103	.33559	.25338	.39881	.69664	.33615

#1	13.689	18.404	4.3257	3.9680	2.6397	4.1368	5.9624	3.0999
#2	13.709	18.510	4.3081	3.9776	2.6274	4.1618	6.0235	3.1173
#3	13.752	18.444	4.3047	3.9944	2.6290	4.1306	5.9439	3.0985

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	2.2926	.75343	2.0812	.31671	1.6241	5.9622	.26496	4.9376
Stddev	.0079	.00340	.0095	.00237	.0092	.0315	.00164	.0122
%RSD	.34399	.45099	.45825	.74871	.56598	.52767	.62069	.24711

#1	2.2856	.75004	2.0714	.31596	1.6147	5.9387	.26380	4.9331
#2	2.2911	.75341	2.0904	.31936	1.6331	5.9979	.26423	4.9515
#3	2.3012	.75684	2.0817	.31480	1.6245	5.9499	.26684	4.9284

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	7.6238	.27707	3.8236	1.0923	2.2126	12.958	82.383	
Stddev	.0243	.00082	.0088	.0030	.0046	.022	.485	
%RSD	.31869	.29770	.23052	.27256	.20619	.17093	.58889	

#1	7.6040	.27627	3.8200	1.0893	2.2172	12.932	82.663	
#2	7.6165	.27702	3.8336	1.0926	2.2081	12.969	82.664	
#3	7.6509	.27792	3.8171	1.0952	2.2124	12.972	81.823	

Sample Name: S5 Acquired: 8/10/2018 15:51:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	1482.5	2318.6	38671.	4688.3	2737.7
Stddev	6.5	3.0	125.	12.7	2.4
%RSD	.43777	.12857	.32219	.27038	.08655
#1	1486.3	2320.0	38705.	4682.1	2738.7
#2	1486.3	2320.6	38774.	4679.9	2739.4
#3	1475.0	2315.2	38533.	4702.9	2735.0

Sample Name: S6 Acquired: 8/10/2018 15:55:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	66.359	30.260	11.558	5.4490	6.1829
Stddev	.054	.016	.015	.0038	.0124
%RSD	.08184	.05274	.13044	.07021	.20042

#1	66.375	30.268	11.575	5.4516	6.1844
#2	66.299	30.241	11.545	5.4446	6.1699
#3	66.404	30.270	11.555	5.4508	6.1945

Int. Std.	Y_3710
Units	Cts/S
Avg	4479.4
Stddev	25.2
%RSD	.56156

#1	4469.7
#2	4460.6
#3	4508.0

Sample Name: ICV Acquired: 8/10/2018 15:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042405	1.119782	1.047781	1.091245	.9762819	2.406310
Stddev	.003281	.007715	.006669	.008992	.0025164	.025885
%RSD	.3147778	.6889396	.6365290	.8240002	.2577519	1.075727

#1	1.038627	1.118514	1.042442	1.098307	.9752311	2.385348
#2	1.044045	1.112781	1.045644	1.081123	.9744613	2.435243
#3	1.044543	1.128053	1.055257	1.094307	.9791534	2.398338

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5363238	.5373678	.5320035	10.54313	.5276758	.5273196
Stddev	.0041758	.0017035	.0013931	.06097	.0018334	.0025273
%RSD	.7785969	.3170147	.2618551	.5782624	.3474467	.4792642

#1	.5350999	.5354090	.5308859	10.51955	.5286701	.5261254
#2	.5409748	.5385037	.5315603	10.61237	.5255601	.5256107
#3	.5328967	.5381906	.5335642	10.49748	.5287973	.5302226

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5370891	5.554584	.5286304	5.964568	.5389532	.4913174
Stddev	.0018942	.008676	.0028867	.120701	.0016347	.0011419
%RSD	.3526828	.1562013	.5460641	2.023625	.3033141	.2324145

#1	.5392381	5.562358	.5287146	5.851869	.5380505	.4905299
#2	.5356622	5.556169	.5314740	6.091930	.5379689	.4907952
#3	.5363668	5.545224	.5257025	5.949906	.5408403	.4926270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47641	.5341867	1.011082	9.605015	F .0111322	F 2.619868
Stddev	.12235	.0074735	.022771	.143473	.0009471	.008347
%RSD	1.167885	1.399050	2.252120	1.493727	8.507495	.3186002

#1	10.35274	.5258827	1.002105	9.561349	.0100898	2.610257
#2	10.47907	.5403726	1.036973	9.765248	.0119398	2.624045
#3	10.59741	.5363047	.994167	9.488449	.0113669	2.625302

Sample Name: ICV Acquired: 8/10/2018 15:59:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.641504	-.000447	2.627586	F 2.609819	2.801370	.0073522
Stddev	.008733	.001928	.006479	.011250	.005148	.0010351
%RSD	.3306125	431.5852	.2465859	.4310600	.1837651	14.07934

#1	2.633298	.000582	2.621491	2.599711	2.802587	.0074618
#2	2.640529	.000749	2.634391	2.607805	2.805800	.0083281
#3	2.650683	-.002671	2.626875	2.621939	2.795723	.0062666

Elem	Sr4077
Units	ppm
Avg	.0125252
Stddev	.0001587
%RSD	1.267010

#1	.0123682
#2	.0126855
#3	.0125220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1781.886	2750.271	42731.48	4831.165	3429.201
Stddev	9.478	6.036	97.56	34.806	10.803
%RSD	.5318864	.2194840	.2283040	.7204538	.3150174

#1	1792.115	2754.131	42805.33	4852.089	3435.091
#2	1780.140	2753.368	42620.88	4790.985	3435.780
#3	1773.403	2743.315	42768.21	4850.420	3416.734

Sample Name: ICB Acquired: 8/10/2018 16:03:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021413	-.002258	-.003186	.0023574	.0002991	-.006818
Stddev	.0023681	.002949	.001364	.0059253	.0020517	.010755
%RSD	110.5887	130.5926	42.81928	251.3523	685.8565	157.7515

#1	.0046514	.001126	-.001696	.0017886	-.000682	.005589
#2	-.000053	-.003620	-.003490	.0085465	-.001078	-.012548
#3	.001826	-.004280	-.004373	-.003263	.002657	-.013494

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	.0000287	-.000382	.0003383	-.000010	.0001983
Stddev	.000055	.0000402	.000034	.0111160	.000435	.0001483
%RSD	28.62966	140.0219	8.931430	3285.929	4388.148	74.76913

#1	-.000214	.0000658	-.000421	-.011638	.000490	.0003677
#2	-.000131	.0000343	-.000365	.010325	-.000223	.0000925
#3	-.000236	-.000014	-.000360	.002328	-.000297	.0001346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009486	-.025887	-.001490	-.060420	-.000271	.0002176
Stddev	.0051426	.002767	.000534	.009244	.000370	.0002354
%RSD	542.1283	10.68831	35.81238	15.29986	136.8811	108.1779

#1	-.003562	-.028952	-.001693	-.061563	-.000445	.0003019
#2	-.000141	-.023573	-.001892	-.050657	-.000521	-.000048
#3	.006549	-.025135	-.000884	-.069039	.000155	.000399

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4382474	.0018887	-.017045	-.170023	-.003810	F -.025024
Stddev	.1263857	.0039698	.004896	.086976	.004356	.000370
%RSD	28.83891	210.1873	28.72577	51.15546	114.3044	1.480324

#1	.2923666	-.001229	-.022681	-.268817	-.004595	-.025316
#2	.5147163	.006358	-.013845	-.104984	.000884	-.024608
#3	.5076592	.000537	-.014608	-.136269	-.007720	-.025148

Sample Name: ICB Acquired: 8/10/2018 16:03:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002043	-.011371	-.000587	-.000490	-.000809	.0020705
Stddev	.0000846	.003571	.001104	.002344	.002409	.0013523
%RSD	41.41480	31.40435	188.1421	477.9478	297.7756	65.31493

#1	.0002934	-.014079	-.001841	.002032	.001864	.0006870
#2	.0001250	-.012711	-.000159	-.002600	-.002814	.0033893
#3	.0001945	-.007324	.000240	-.000903	-.001477	.0021351

Elem	Sr4077
Units	ppm
Avg	-.000048
Stddev	.000144
%RSD	299.7395

#1	.000038
#2	-.000214
#3	.000032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.500	2788.599	43344.32	4887.400	3486.057
Stddev	6.101	12.665	89.74	12.520	9.373
%RSD	.3364457	.4541711	.2070475	.2561701	.2688795

#1	1819.758	2800.575	43403.81	4883.425	3491.138
#2	1813.174	2789.880	43241.09	4877.350	3491.792
#3	1807.568	2775.342	43388.05	4901.425	3475.240

Sample Name: ICSA Acquired: 8/10/2018 16:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021494	-.002710	-.004575	-.021735	.0042992	235.0188
Stddev	.0057383	.002349	.000882	.002109	.0007382	.5374
%RSD	266.9771	86.66762	19.27155	9.705648	17.16936	.2286532

#1	.0050286	-.000325	-.004975	-.020245	.0034815	234.5842
#2	.0058779	-.005021	-.005186	-.024149	.0049163	235.6196
#3	-.004458	-.002785	-.003564	-.020811	.0044999	234.8524

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055338	.0010664	-.001248	243.8362	.0529638	.0003477
Stddev	.0006529	.0000693	.000145	.2436	.0002692	.0003773
%RSD	11.79798	6.500253	11.60030	.0998949	.5083311	108.4960

#1	.0051951	.0011119	-.001228	243.6246	.0527859	.0007833
#2	.0051199	.0009866	-.001114	244.1025	.0528320	.0001381
#3	.0062864	.0011007	-.001401	243.7815	.0532735	.0001218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000144	101.2360	.0103136	245.4298	.0038974	.0001287
Stddev	.003673	.3782	.0009242	.7231	.0008259	.0004167
%RSD	2542.916	.3735524	8.960921	.2946231	21.18984	323.8177

#1	.003823	101.1801	.0104040	245.4681	.0035426	.0002805
#2	-.000830	101.6389	.0111893	246.1329	.0048414	.0004481
#3	-.003426	100.8888	.0093475	244.6882	.0033082	-.000343

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4235313	.0023383	-.019303	-.245486	.0026399	F .0754395
Stddev	.3897656	.0026433	.002224	.101556	.0017162	.0028188
%RSD	92.02758	113.0442	11.52051	41.36937	65.00842	3.736496

#1	.0546203	.0053202	-.019376	-.234225	.0045088	.0748433
#2	.3847251	.0014110	-.017044	-.352202	.0022762	.0785087
#3	.8312484	.0002836	-.021490	-.150029	.0011348	.0729665

Sample Name: ICSA Acquired: 8/10/2018 16:11:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018386	-.005423	-.003696	-.005687	.0003635	.0028133
Stddev	.0001764	.006126	.000888	.002660	.0018537	.0007585
%RSD	9.591784	112.9720	24.02711	46.77897	509.9136	26.96156

#1	.0016887	-.009108	-.004044	-.003123	-.001122	.0020030
#2	.0017942	.001649	-.004357	-.005503	.002441	.0029304
#3	.0020329	-.008810	-.002687	-.008434	-.000229	.0035064

Elem	Sr4077
Units	ppm
Avg	.1040084
Stddev	.0002196
%RSD	.2111521

#1	.1037567
#2	.1041613
#3	.1041071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.933	2551.566	40468.46	4811.712	2994.201
Stddev	6.268	4.200	124.28	15.716	7.930
%RSD	.3704822	.1645934	.3071067	.3266134	.2648336

#1	1695.872	2553.770	40610.68	4823.083	2995.126
#2	1695.222	2554.205	40380.75	4818.275	3001.628
#3	1684.704	2546.723	40413.94	4793.779	2985.850

Sample Name: ICSAB Acquired: 8/10/2018 16:15:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1057681	.1124634	.0498583	.0323110	.6282548	241.6856
Stddev	.0048388	.0014673	.0021535	.0018726	.0032667	.3445
%RSD	4.574928	1.304705	4.319159	5.795513	.5199628	.1425429

#1	.1005936	.1137998	.0519064	.0323556	.6246219	241.8917
#2	.1101808	.1108933	.0500553	.0304165	.6309502	241.2879
#3	.1065299	.1126971	.0476130	.0341608	.6291924	241.8772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5484956	.5381911	1.084315	252.1382	.5974319	.5379781
Stddev	.0001288	.0045732	.005647	.4229	.0007972	.0017760
%RSD	.0234850	.8497340	.5207742	.1677256	.1334322	.3301349

#1	.5485301	.5364320	1.081774	252.1842	.5981011	.5372555
#2	.5486037	.5347586	1.080385	251.6942	.5965500	.5366772
#3	.5483531	.5433826	1.090786	252.5363	.5976447	.5400015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5262670	104.6457	.5278155	253.7945	1.097431	.1729227
Stddev	.0007883	.5279	.0061623	.6976	.006016	.0008638
%RSD	.1497898	.5044638	1.167510	.2748686	.5482177	.4995082

#1	.5262324	105.2509	.5339717	254.5974	1.094284	.1730340
#2	.5270720	104.2798	.5278278	253.3367	1.093641	.1720087
#3	.5254966	104.4064	.5216471	253.4495	1.104368	.1737255

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3298594	.5223135	.9960637	-.180109	.0339700	F .0881982
Stddev	.1467939	.0084252	.0252492	.044878	.0026619	.0012509
%RSD	44.50197	1.613055	2.534900	24.91699	7.836075	1.418271

#1	.3814999	.5157265	1.011916	-.210952	.0344059	.0894544
#2	.1642235	.5194068	.966947	-.200750	.0311170	.0881876
#3	.4438547	.5318072	1.009329	-.128624	.0363870	.0869527

Sample Name: ICSAB Acquired: 8/10/2018 16:15:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0149716	.0075928	.0100904	F .0078235	.0110584	.0154699
Stddev	.0003624	.0075275	.0010512	.0009066	.0028634	.0003278
%RSD	2.420398	99.13893	10.41782	11.58757	25.89307	2.119116

#1	.0152667	.0115027	.0112602	.0068196	.0108028	.0154054
#2	.0150809	-.001085	.0097860	.0085822	.0140410	.0158251
#3	.0145672	.012361	.0092249	.0080688	.0083314	.0151791

Elem	Sr4077
Units	ppm
Avg	.1197678
Stddev	.0001554
%RSD	.1297233

#1	.1198979
#2	.1195958
#3	.1198098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.702	2541.056	40588.73	4778.713	2984.315
Stddev	4.394	11.127	7.23	31.626	13.156
%RSD	.2611314	.4379003	.0178052	.6618170	.4408468

#1	1680.043	2551.334	40594.05	4803.319	2990.454
#2	1680.289	2542.594	40591.64	4789.779	2993.279
#3	1687.774	2529.240	40580.50	4743.040	2969.211

Sample Name: CCV088 Acquired: 8/10/2018 16:19:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.060443	5.004043	24.97732	4.933660	5.056757	402.7485	9.932456
Stddev	.016493	.024436	.08607	.013750	.011443	1.0777	.035584
%RSD	.3259236	.4883346	.3445988	.2786952	.2262892	.2675740	.3582553

#1	5.071438	4.979899	24.93607	4.933800	5.056351	401.5068	9.891713
#2	5.041478	5.003468	24.91964	4.919841	5.045523	403.2995	9.957430
#3	5.068412	5.028762	25.07625	4.947339	5.068398	403.4392	9.948226

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940351	2.512913	406.9500	15.41195	2.534270	15.21561	411.5468
Stddev	.0004883	.009680	1.0396	.00612	.009100	.04505	.9110
%RSD	.0988360	.3852232	.2554614	.0397203	.3590856	.2960554	.2213537

#1	.4943615	2.507819	405.7524	15.41250	2.531575	15.18324	410.5248
#2	.4942700	2.506843	407.4773	15.40558	2.526822	15.19653	411.8423
#3	.4934738	2.524077	407.6202	15.41778	2.544413	15.26705	412.2733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.39274	402.6206	2.556657	1.238792	398.1009	2.444548	14.39721
Stddev	.06384	1.1513	.007886	.001898	1.2744	.017519	.18530
%RSD	.4435421	.2859435	.3084344	.1532235	.3201310	.7166364	1.287047

#1	14.33438	401.2988	2.553875	1.239179	396.6451	2.443954	14.38080
#2	14.38294	403.1588	2.550539	1.236729	399.0149	2.427335	14.22065
#3	14.46092	403.4041	2.565556	1.240466	398.6427	2.462357	14.59016

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.9454	5.281069	5.073651	5.044200	5.226366	4.783477	5.166717
Stddev	.7378	.017266	.006419	.016020	.026667	.005367	.015570
%RSD	.4953662	.3269428	.1265237	.3176002	.5102446	.1121961	.3013441

#1	148.1301	5.270322	5.068137	5.039867	5.234719	4.777436	5.158959
#2	149.1389	5.271899	5.072117	5.030792	5.196522	4.787694	5.156551
#3	149.5673	5.300985	5.080698	5.061941	5.247856	4.785302	5.184641

Sample Name: CCV088 Acquired: 8/10/2018 16:19:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.084182	5.137204	5.074189
Stddev	.015503	.014066	.005047
%RSD	.3049323	.2738044	.0994667

#1	5.066282	5.122212	5.068500
#2	5.092896	5.150111	5.078129
#3	5.093366	5.139290	5.075938

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.410	2314.334	38697.97	4647.800	2682.422
Stddev	6.866	1.889	67.37	10.200	3.032
%RSD	.4417045	.0816134	.1740937	.2194490	.1130435

#1	1550.508	2312.320	38623.56	4645.667	2683.484
#2	1562.338	2316.065	38754.82	4638.836	2684.781
#3	1550.384	2314.617	38715.54	4658.898	2679.002

Sample Name: CCB088 Acquired: 8/10/2018 16:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021792	.0006589	-.003028	-.000504	.0001573	-.010963
Stddev	.0025767	.0027459	.000781	.002736	.0005756	.004178
%RSD	118.2372	416.7228	25.78479	542.3853	365.8863	38.10681

#1	.0022280	-.001931	-.002936	.000381	.0004940	-.013855
#2	.0047312	.003538	-.003851	-.003573	.0004853	-.006173
#3	-.000421	.000369	-.002297	.001679	-.000507	-.012861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001793	.0000130	-.000432	-.013861	-.000419	.0003168
Stddev	.0007505	.0000253	.000049	.016137	.000953	.0002430
%RSD	418.4660	195.2510	11.29738	116.4228	227.3929	76.69431

#1	.0009846	.0000368	-.000389	-.005743	-.000760	.0002991
#2	.0000538	-.000014	-.000422	-.032444	.000658	.0000832
#3	-.000500	.000016	-.000485	-.003394	-.001156	.0005682

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068147	-.007591	-.000854	-.006446	.0000399	.0003553
Stddev	.0032184	.026304	.001236	.019715	.0003349	.0002270
%RSD	47.22793	346.5171	144.6909	305.8408	838.6972	63.88990

#1	.0083104	.021351	-.002279	.010957	-.000120	.0005441
#2	.0031206	-.014082	-.000072	-.002439	.000425	.0004184
#3	.0090131	-.030041	-.000211	-.027857	-.000185	.0001034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2952574	-.002231	-.012780	-.223073	-.002125	F -.034981
Stddev	.2139294	.005186	.014045	.082227	.002022	.000339
%RSD	72.45519	232.4029	109.9004	36.86099	95.17420	.9700476

#1	.2864944	-.008008	-.014296	-.130582	-.002574	-.034945
#2	.0858443	-.000706	-.026006	-.287901	.000084	-.034661
#3	.5134337	.002021	.001962	-.250736	-.003884	-.035337

Sample Name: CCB088 Acquired: 8/10/2018 16:23:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002546	-.008332	-.000630	-.001660	-.000232	.0019580
Stddev	.0000491	.007323	.001240	.000748	.003006	.0014444
%RSD	19.28225	87.88690	196.9417	45.04005	1292.893	73.76918

#1	.0003044	-.013644	.000314	-.001730	-.003642	.0031895
#2	.0002531	.000021	-.002035	-.002370	.000908	.0003682
#3	.0002063	-.011374	-.000168	-.000880	.002036	.0023161

Elem	Sr4077
Units	ppm
Avg	-.000072
Stddev	.000052
%RSD	72.22947

#1	-.000132
#2	-.000033
#3	-.000053

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.087	2763.405	44024.35	4959.692	3471.325
Stddev	8.442	6.254	145.34	6.309	7.150
%RSD	.4585429	.2263063	.3301349	.1272023	.2059749

#1	1831.343	2769.487	43983.13	4966.950	3476.043
#2	1846.196	2763.737	44185.85	4955.525	3474.834
#3	1845.722	2756.992	43904.08	4956.600	3463.098

Sample Name: PB111912BL Acquired: 8/10/2018 16:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038665	-.002486	-.002657	-.001370	.0002979	-.004028
Stddev	.0011828	.000387	.001440	.001925	.0021171	.015313
%RSD	30.59055	15.56274	54.19928	140.5127	710.6025	380.1958

#1	.0027518	-.002666	-.004080	-.003571	.0027424	.013543
#2	.0037404	-.002042	-.001200	.000002	-.000946	-.014528
#3	.0051072	-.002750	-.002691	-.000541	-.000902	-.011098

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000741	.0000586	-.000426	-.001318	.0000122	-.000042
Stddev	.000628	.0000528	.000096	.040300	.0001471	.000098
%RSD	84.71239	90.18058	22.46242	3056.571	1206.572	235.5849

#1	-.000364	.0000018	-.000359	-.040221	.0001808	-.000022
#2	-.000393	.0000675	-.000536	.040247	-.000055	-.000148
#3	-.001466	.0001063	-.000384	-.003982	-.000090	.000045

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038031	-.026783	-.001925	.0057130	-.000159	.0001727
Stddev	.0015803	.012124	.001086	.0389549	.000171	.0002185
%RSD	41.55409	45.26627	56.43090	681.8689	107.2992	126.4923

#1	.0041535	-.018634	-.002568	-.011219	.000009	.0000612
#2	.0020769	-.040715	-.002535	-.021911	-.000153	.0000325
#3	.0051787	-.020999	-.000671	.050269	-.000333	.0004245

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1461975	.0020666	-.025510	.0616551	-.001390	F -.040940
Stddev	.3818946	.0118063	.006950	.1094438	.001771	.001467
%RSD	261.2183	571.2830	27.24566	177.5097	127.4263	3.584397

#1	-.294619	.0152502	-.031598	.1684019	-.002955	-.039712
#2	.376797	-.001520	-.017937	.0668632	-.001749	-.040543
#3	.356414	-.007531	-.026993	-.050300	.000533	-.042565

Sample Name: PB111912BL Acquired: 8/10/2018 16:27:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001576	-.009774	-.000434	-.001245	.0018544	.0024534
Stddev	.0001126	.001562	.000333	.000756	.0015403	.0007995
%RSD	71.45454	15.98062	76.67926	60.66277	83.06115	32.58881

#1	.0000278	-.009397	-.000535	-.000373	.0024082	.0017010
#2	.0002164	-.011490	-.000706	-.001697	.0030412	.0023663
#3	.0002287	-.008435	-.000063	-.001666	.0001138	.0032929

Elem	Sr4077
Units	ppm
Avg	-.000079
Stddev	.000171
%RSD	217.0711

#1	.000008
#2	.000031
#3	-.000276

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.622	2713.583	42690.87	4841.800	3404.787
Stddev	2.414	15.810	87.78	9.762	8.229
%RSD	.1358642	.5826096	.2056153	.2016122	.2416849

#1	1774.840	2723.702	42608.78	4850.600	3408.736
#2	1775.658	2721.681	42680.43	4831.300	3410.296
#3	1779.369	2695.365	42783.40	4843.500	3395.328

Sample Name: J4311-01 Acquired: 8/10/2018 16:36:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045494	-.010932	1.396800	-.034420	.0091078	69.02204	1.239937
Stddev	.0050165	.002386	.005273	.001708	.0010665	.30584	.004728
%RSD	4.798232	21.82794	.3775266	4.962821	11.70975	.4431090	.3812766

#1	.0999503	-.011655	1.394864	-.032541	.0079322	68.97318	1.239715
#2	.1098988	-.012873	1.392770	-.034838	.0093781	69.34938	1.244771
#3	.1037990	-.008268	1.402768	-.035880	.0100132	68.74358	1.235324

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046213	.0105435	220.5578	.3593103	.0726260	.6435475	189.6537
Stddev	.0001174	.0003388	.4253	.0005801	.0002149	.0071582	.4016
%RSD	2.540098	3.212931	.1928381	.1614534	.2959389	1.112309	.2117609

#1	.0047146	.0107906	220.4782	.3598582	.0726148	.6421629	189.5916
#2	.0046598	.0101573	221.0173	.3587026	.0724169	.6371827	190.0827
#3	.0044895	.0106825	220.1779	.3593703	.0728463	.6512969	189.2867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.436230	70.45851	.1309136	.0048794	2.414919	.4189728	1.379799
Stddev	.008510	.26285	.0004680	.0001436	.025000	.0009632	.023889
%RSD	.2476489	.3730627	.3574739	2.943039	1.035223	.2298945	1.731320

#1	3.429278	70.18934	.1310013	.0047139	2.426931	.4197634	1.403442
#2	3.445720	70.71455	.1313316	.0049706	2.431647	.4179001	1.380284
#3	3.433692	70.47165	.1304080	.0049537	2.386181	.4192551	1.355672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.86540	7.820318	.1953384	.0140576	10.24240	1.755404	.0042016
Stddev	.07827	.014930	.0012134	.0001751	.03026	.012549	.0007568
%RSD	.4148884	.1909160	.6211888	1.245488	.2954264	.7148604	18.01287

#1	18.77518	7.808602	.1963239	.0140173	10.21422	1.741043	.0044204
#2	18.91517	7.815222	.1957083	.0142494	10.23861	1.760910	.0048250
#3	18.90585	7.837129	.1939831	.0139062	10.27438	1.764257	.0033595

Sample Name: J4311-01 Acquired: 8/10/2018 16:36:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GS5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.680295	.1123271	.4887559
Stddev	.014207	.0003438	.0003449
%RSD	.5300677	.3060463	.0705590

#1	2.694551	.1127184	.4891533
#2	2.666137	.1120737	.4885352
#3	2.680196	.1121891	.4885793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.918	2758.954	44489.68	5242.294	3109.837
Stddev	12.491	8.299	46.36	12.789	5.553
%RSD	.6833684	.3007896	.1041983	.2439666	.1785512

#1	1842.336	2763.256	44455.88	5256.579	3114.476
#2	1821.072	2764.219	44470.63	5238.396	3111.350
#3	1820.347	2749.388	44542.52	5231.907	3103.685

Sample Name: J4311-02 Acquired: 8/10/2018 16:40:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979398	-.011340	1.355554	-.028521	.0125685	65.74643	1.175193
Stddev	.0056767	.001624	.009513	.006251	.0021508	.16580	.000920
%RSD	5.796122	14.32285	.7017799	21.91764	17.11239	.2521755	.0783016

#1	.0971338	-.010654	1.350671	-.030560	.0128322	65.76459	1.174524
#2	.0927092	-.010172	1.349474	-.033498	.0145753	65.57229	1.174814
#3	.1039764	-.013195	1.366517	-.021505	.0102981	65.90239	1.176243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043879	.0098468	210.0479	.3456516	.0692341	.6164469	180.8994
Stddev	.0000610	.0000869	.0828	.0019534	.0001162	.0059702	.2209
%RSD	1.390475	.8821948	.0394125	.5651355	.1677724	.9684887	.1220876

#1	.0044464	.0097588	210.0783	.3434280	.0691107	.6197815	181.1532
#2	.0043246	.0098490	210.1112	.3464354	.0692506	.6095543	180.7943
#3	.0043925	.0099325	209.9542	.3470914	.0693412	.6200050	180.7507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.278449	67.14406	.1238434	.0044820	2.414026	.4025702	1.296852
Stddev	.016379	.25003	.0009793	.0003933	.259681	.0098503	.041101
%RSD	.4995941	.3723808	.7907801	8.775811	10.75717	2.446845	3.169307

#1	3.297344	67.43024	.1231997	.0040739	2.287155	.3937803	1.329311
#2	3.268307	67.03401	.1233601	.0045134	2.712753	.4007137	1.250637
#3	3.269694	66.96793	.1249705	.0048587	2.242171	.4132167	1.310609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.98384	7.473445	.1788668	.0135655	9.697194	1.694179	.0047838
Stddev	.07169	.039619	.0017196	.0004238	.059388	.016555	.0011406
%RSD	.3986512	.5301362	.9613801	3.123934	.6124262	.9771474	23.84401

#1	17.97428	7.445652	.1801664	.0137893	9.655184	1.691827	.0039013
#2	17.91740	7.455871	.1795171	.0130768	9.671260	1.678927	.0043783
#3	18.05983	7.518811	.1769169	.0138305	9.765139	1.711784	.0060718

Sample Name: J4311-02 Acquired: 8/10/2018 16:40:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GS5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.580887	.1070210	.4660037
Stddev	.008475	.0016310	.0010617
%RSD	.3283676	1.524042	.2278370

#1	2.588216	.1078003	.4660881
#2	2.582839	.1081162	.4670207
#3	2.571607	.1051465	.4649023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.869	2854.223	46410.52	5442.240	3230.217
Stddev	11.911	3.921	181.69	7.148	9.763
%RSD	.6236781	.1373903	.3914931	.1313452	.3022480

#1	1899.016	2856.978	46324.62	5444.267	3235.242
#2	1922.613	2855.958	46287.70	5434.297	3236.445
#3	1907.979	2849.733	46619.23	5448.156	3218.965

Sample Name: J4311-03 Acquired: 8/10/2018 16:44:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684136	.0868950	1.411334	.0575147	.1972854	70.51753	5.064048
Stddev	.0034536	.0032148	.008663	.0003910	.0030928	.34487	.011501
%RSD	2.050650	3.699637	.6137850	.6797609	1.567670	.4890611	.2271143

#1	.1690579	.0841137	1.409114	.0576721	.1968266	70.68739	5.070855
#2	.1714997	.0861564	1.403998	.0570695	.1944477	70.12067	5.050769
#3	.1646833	.0904148	1.420891	.0578024	.2005820	70.74452	5.070520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963885	.1103248	214.1170	.7312950	1.090316	1.101538	186.4123
Stddev	.0007835	.0008136	.4777	.0012276	.004655	.008891	.4175
%RSD	.8128583	.7374717	.2230899	.1678638	.4269801	.8071396	.2239531

#1	.0972698	.1097551	214.3670	.7325628	1.088585	1.102927	186.8331
#2	.0961249	.1099628	213.5662	.7312099	1.086773	1.092034	185.9983
#3	.0957707	.1112566	214.4178	.7301121	1.095589	1.109652	186.4055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.274483	68.44970	1.154759	.0932366	2.288124	1.366074	2.225316
Stddev	.012572	.03853	.005827	.0001996	.179715	.013226	.021386
%RSD	.2941202	.0562838	.5046398	.2140883	7.854230	.9681640	.9610347

#1	4.285200	68.49210	1.152314	.0930244	2.144746	1.362151	2.249547
#2	4.277605	68.41684	1.150553	.0934206	2.229893	1.355255	2.217325
#3	4.260644	68.44015	1.161411	.0932649	2.489734	1.380818	2.209076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.26751	7.612771	.1880705	.0134092	9.813750	1.731618	.0045370
Stddev	.04937	.071492	.0021331	.0005893	.082925	.004902	.0009369
%RSD	.2702523	.9391087	1.134202	4.394529	.8449831	.2830772	20.65150

#1	18.26027	7.555807	.1886510	.0136775	9.755029	1.733544	.0047961
#2	18.22217	7.589507	.1857072	.0127336	9.777609	1.735264	.0053171
#3	18.32010	7.692997	.1898533	.0138166	9.908611	1.726045	.0034977

Sample Name: J4311-03 Acquired: 8/10/2018 16:44:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.610010	.1102699	.4724135
Stddev	.001940	.0013541	.0005521
%RSD	.0743287	1.227945	.1168631

#1	2.607849	.1108660	.4725423
#2	2.610583	.1087201	.4718084
#3	2.611599	.1112236	.4728898

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.895	2778.490	44676.72	5237.528	3137.676
Stddev	4.815	14.088	176.31	23.813	14.752
%RSD	.2620025	.5070460	.3946295	.4546701	.4701454

#1	1837.323	2782.114	44827.28	5211.321	3137.653
#2	1842.971	2790.413	44720.11	5257.842	3152.439
#3	1833.392	2762.945	44482.77	5243.420	3122.935

Sample Name: J4311-01LX5 Acquired: 8/10/2018 16:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282760	-.001093	.2604794	-.004791	.0018988	13.22460	.2384575
Stddev	.0038447	.001637	.0016953	.004382	.0008925	.07192	.0005087
%RSD	13.59709	149.7955	.6508240	91.46716	47.00299	.5438022	.2133208

#1	.0320894	-.001248	.2594658	-.003287	.0022584	13.26996	.2390160
#2	.0244007	.000616	.2595358	-.001359	.0025554	13.14168	.2383359
#3	.0283378	-.002646	.2624365	-.009726	.0008826	13.26216	.2380207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010233	.0015820	43.33200	.0721639	.0125272	.1291395	37.65770
Stddev	.0000329	.0000775	.06908	.0007343	.0003013	.0042999	.08033
%RSD	3.215577	4.901055	.1594211	1.017554	2.405302	3.329616	.2133178

#1	.0010604	.0016616	43.33199	.0717600	.0122754	.1249894	37.73604
#2	.0009976	.0015776	43.26292	.0717203	.0128610	.1288542	37.57552
#3	.0010119	.0015068	43.40108	.0730115	.0124452	.1335749	37.66155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6741723	13.63974	.0236487	.0013564	.8047013	.0839450	.2496934
Stddev	.0026310	.16016	.0006575	.0001371	.1400194	.0053844	.0138975
%RSD	.3902632	1.174187	2.780389	10.10561	17.40017	6.414194	5.565831

#1	.6741954	13.82054	.0231429	.0015080	.9088013	.0782286	.2561875
#2	.6715298	13.51569	.0234111	.0012412	.6455167	.0846858	.2337376
#3	.6767917	13.58298	.0243920	.0013199	.8597858	.0889207	.2591550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.437531	1.424442	-.004648	.0027005	1.810402	.3592807	-.000299
Stddev	.082485	.008128	.000778	.0003966	.003819	.0036027	.001461
%RSD	2.399551	.5706313	16.74657	14.68738	.2109390	1.002742	488.0026

#1	3.493038	1.421492	-.005151	.0029594	1.814677	.3555191	-.001256
#2	3.342747	1.418201	-.005043	.0022439	1.809197	.3596230	-.001025
#3	3.476808	1.433633	-.003752	.0028983	1.807330	.3627000	.001382

Sample Name: J4311-01LX5 Acquired: 8/10/2018 16:48:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5265304	.0217822	.0948529
Stddev	.0041888	.0012454	.0001153
%RSD	.7955437	5.717725	.1215284

#1	.5308822	.0231462	.0949574
#2	.5261828	.0214948	.0947292
#3	.5225263	.0207055	.0948720

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.120	2835.851	45414.28	5172.767	3486.257
Stddev	9.837	10.461	77.73	8.825	11.865
%RSD	.5196038	.3688954	.1711522	.1706005	.3403317

#1	1894.142	2835.418	45501.67	5179.975	3485.473
#2	1882.813	2846.522	45352.88	5162.925	3498.494
#3	1902.406	2825.613	45388.28	5175.400	3474.803

Sample Name: PB111911BL Acquired: 8/10/2018 16:52:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027128	-.000860	-.002130	-.000903	-.000401	.0045252
Stddev	.0022325	.001442	.002187	.004241	.000990	.0031954
%RSD	82.29554	167.5366	102.6886	469.5211	246.5926	70.61410

#1	.0012954	-.002004	-.004123	-.000744	.000030	.0024307
#2	.0052864	-.001336	-.002477	-.005222	.000299	.0082031
#3	.0015568	.000759	.000210	.003256	-.001534	.0029417

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000681	.0000572	-.000435	-.014970	-.000162	.0002865
Stddev	.001082	.0000573	.000052	.001235	.000323	.0002373
%RSD	158.8134	100.1683	12.04736	8.250249	199.4963	82.84882

#1	.000199	.0001219	-.000434	-.016318	.000086	.0000372
#2	-.000354	.0000367	-.000383	-.013893	-.000527	.0003126
#3	-.001888	.0000130	-.000487	-.014699	-.000045	.0005097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083365	-.020597	-.002578	-.023697	-.000202	.0003198
Stddev	.0058245	.008183	.001744	.018120	.000456	.0002837
%RSD	69.86782	39.72835	67.64066	76.46412	226.2349	88.72419

#1	.0117913	-.015571	-.004513	-.034788	-.000144	.0005380
#2	.0116064	-.016181	-.002092	-.033517	-.000684	.0004223
#3	.0016117	-.030039	-.001129	-.002787	.000223	-.000001

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3352702	.0015849	-.014189	-.078238	-.003996	F -.052492
Stddev	.4181634	.0021362	.011298	.051119	.002155	.001688
%RSD	124.7243	134.7788	79.62571	65.33802	53.93524	3.215042

#1	.0615598	.0039380	-.001196	-.126565	-.002466	-.052086
#2	.1276366	-.000232	-.021700	-.024722	-.006460	-.051045
#3	.8166144	.001049	-.019670	-.083426	-.003061	-.054346

Sample Name: PB111911BL Acquired: 8/10/2018 16:52:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000148	-.004368	.0003929	-.001381	.0023538	-.000060
Stddev	.000102	.003854	.0016620	.000552	.0026525	.001954
%RSD	69.04832	88.24591	422.9595	39.99148	112.6873	3246.467

#1	-.000195	-.006905	.0012848	-.000754	.0044562	-.001619
#2	-.000031	.000068	.0014187	-.001592	-.000626	.002132
#3	-.000219	-.006266	-.001525	-.001796	.003232	-.000693

Elem	Sr4077
Units	ppm
Avg	-.000064
Stddev	.000080
%RSD	125.5342

#1	-.000021
#2	-.000015
#3	-.000157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.228	2728.530	43367.43	4880.133	3431.907
Stddev	9.226	7.166	73.94	28.010	8.951
%RSD	.5102164	.2626319	.1705074	.5739584	.2608285

#1	1798.181	2724.723	43286.78	4863.700	3435.190
#2	1816.319	2736.796	43383.46	4864.225	3438.753
#3	1810.183	2724.072	43432.05	4912.475	3421.777

Sample Name: J4312-04 Acquired: 8/10/2018 17:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040257	.0019138	-.002631	-.004065	-.002134	-.010517	-.000323
Stddev	.0033378	.0041786	.001465	.002799	.001943	.017986	.000629
%RSD	82.91110	218.3455	55.69750	68.86159	91.04812	171.0109	194.5986

#1	.0078573	.0005438	-.004204	-.002373	-.001839	.010181	-.000270
#2	.0017495	.0066054	-.002385	-.002526	-.000355	-.022338	.000278
#3	.0024704	-.001408	-.001304	-.007295	-.004207	-.019395	-.000977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001276	-.000461	-.009949	.0000821	.0002330	.0013466	-.009189
Stddev	.0000829	.000025	.032512	.0002994	.0002141	.0054120	.012403
%RSD	65.00131	5.399680	326.7792	364.8518	91.87167	401.8911	134.9808

#1	.0001351	-.000475	-.011006	-.000107	.0003119	.0042775	-.005803
#2	.0000411	-.000476	.023078	.000427	.0003964	-.004899	.001170
#3	.0002065	-.000432	-.041919	-.000074	-.000009	.004661	-.022933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001259	.0003452	.0002015	.0004987	.5105359	.0017690	-.006195
Stddev	.001277	.0455181	.0000777	.0003830	.5108898	.0053950	.008759
%RSD	101.4253	13188.04	38.56550	76.79260	100.0693	304.9829	141.3948

#1	-.000003	-.041755	.0002065	.0002221	-.042479	.0054972	-.005171
#2	-.002555	.048646	.0001215	.0003382	.609169	.0042270	.002008
#3	-.001218	-.005855	.0002767	.0009358	.964918	-.004417	-.015421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.769867	-.003056	-.060494	-.000041	.0118466	.0004870	-.004181
Stddev	.067150	.003774	.001074	.000283	.0028152	.0014551	.000498
%RSD	8.722252	123.5212	1.774643	699.2336	23.76363	298.8054	11.90029

#1	-.795901	-.007336	-.060982	-.000248	.0087089	.0018306	-.004623
#2	-.693598	-.000206	-.059263	.000282	.0126796	-.001059	-.004280
#3	-.820102	-.001624	-.061237	-.000156	.0141513	.000689	-.003642

Sample Name: J4312-04 Acquired: 8/10/2018 17:00:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000213	-.006582	-.000074
Stddev	.000180	.001378	.000063
%RSD	84.49690	20.93279	84.38799

#1	-.000014	-.005881	-.000124
#2	-.000364	-.008170	-.000095
#3	-.000262	-.005696	-.000004

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.864	2995.577	47889.31	5302.750	3768.630
Stddev	15.617	9.098	65.90	57.274	10.774
%RSD	.7685891	.3037094	.1376005	1.080082	.2858855

#1	2039.484	2987.720	47960.09	5368.525	3757.891
#2	2042.208	3005.545	47878.10	5263.900	3779.439
#3	2013.900	2993.465	47829.74	5275.825	3768.561

Sample Name: PB111913BL Acquired: 8/10/2018 17:04:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003768	-.001169	-.002544	.0004947	-.000305	-.000257
Stddev	.0038113	.002761	.001135	.0028598	.002064	.017267
%RSD	1011.390	236.2698	44.59423	578.0385	676.4557	6715.174

#1	.0045040	-.003781	-.002887	-.002522	-.002679	.008381
#2	-.000364	.001720	-.001278	.000841	.001063	.010986
#3	-.003010	-.001445	-.003468	.003166	.000701	-.020138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001165	.0001298	-.000423	.0053627	.0000947	.0001225
Stddev	.001272	.0000586	.000111	.0111249	.0004424	.0002934
%RSD	109.1811	45.15424	26.20748	207.4499	467.1347	239.4642

#1	-.002624	.0000622	-.000543	-.001690	.0002983	.0000393
#2	-.000296	.0001606	-.000323	.018187	.0003987	-.000120
#3	-.000574	.0001665	-.000405	-.000409	-.000413	.000449

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002565	-.002836	-.001343	-.010719	-.000156	.0003443
Stddev	.000295	.012336	.001104	.068266	.000551	.0004404
%RSD	11.49334	435.0116	82.24379	636.8575	352.4744	127.9328

#1	-.002231	-.010975	-.002613	-.001014	.000334	.0006528
#2	-.002787	-.008890	-.000619	-.083319	-.000753	-.000160
#3	-.002676	.011358	-.000795	.052175	-.000050	.000540

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2859436	.0044348	-.005704	-.080253	-.004565	F -.057078
Stddev	.1269854	.0061119	.001103	.081626	.003167	.001155
%RSD	44.40924	137.8175	19.33963	101.7103	69.37459	2.024369

#1	.2129552	-.000751	-.004431	-.142795	-.002289	-.057564
#2	.4325732	.011173	-.006389	.012084	-.008182	-.055759
#3	.2123024	.002882	-.006291	-.110049	-.003223	-.057912

Sample Name: PB111913BL Acquired: 8/10/2018 17:04:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000536	-.008814	-.001206	-.002466	-.000783	.0004257
Stddev	.0001537	.004507	.000369	.000893	.001641	.0007512
%RSD	286.5145	51.13684	30.59153	36.21270	209.5130	176.4599

#1	-.000108	-.003747	-.000822	-.001755	.000705	-.000395
#2	.000072	-.010317	-.001239	-.002175	-.000511	.001080
#3	.000197	-.012377	-.001558	-.003468	-.002543	.000592

Elem	Sr4077
Units	ppm
Avg	-.000015
Stddev	.000132
%RSD	888.2504

#1	.000093
#2	-.000162
#3	.000025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.251	2701.962	43345.29	4895.525	3399.333
Stddev	4.596	6.402	165.13	44.986	4.559
%RSD	.2526474	.2369423	.3809538	.9189246	.1341004

#1	1822.640	2704.961	43406.71	4859.000	3397.179
#2	1814.020	2706.315	43158.25	4881.800	3404.569
#3	1821.094	2694.611	43470.90	4945.775	3396.250

Sample Name: J4312-01 Acquired: 8/10/2018 17:12:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1476627	-.010027	1.701207	-.028115	.0135068	79.10155	1.417320
Stddev	.0033021	.002393	.003177	.005822	.0026594	.07004	.001318
%RSD	2.236239	23.86227	.1867406	20.70749	19.68958	.0885400	.0929777

#1	.1480758	-.008256	1.697555	-.031016	.0155836	79.10074	1.417299
#2	.1441734	-.009076	1.702734	-.021413	.0144274	79.03191	1.416013
#3	.1507387	-.012749	1.703332	-.031917	.0105094	79.17198	1.418648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071430	.0357462	192.4714	.1191366	.0777363	.4865699	165.5695
Stddev	.0000521	.0003028	.1098	.0014613	.0002743	.0117924	.2521
%RSD	.7293533	.8470975	.0570309	1.226580	.3528473	2.423581	.1522877

#1	.0071610	.0356624	192.3614	.1184959	.0774966	.4731733	165.7878
#2	.0071836	.0354942	192.5810	.1181052	.0776768	.4953798	165.2935
#3	.0070842	.0360821	192.4717	.1208089	.0780354	.4911565	165.6270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.076087	61.56103	.1284822	.0086405	1.417128	.3215659	1.680225
Stddev	.004043	.13979	.0006358	.0004618	.219413	.0028245	.029622
%RSD	.0796557	.2270738	.4948329	5.344637	15.48293	.8783650	1.762958

#1	5.080320	61.41304	.1287821	.0086414	1.182813	.3200206	1.714409
#2	5.075676	61.69084	.1277519	.0081782	1.450833	.3198512	1.662096
#3	5.072265	61.57921	.1289125	.0091018	1.617739	.3248259	1.664171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.74203	11.28684	.1839912	.0099115	8.510163	3.312143	.0143656
Stddev	.13024	.05461	.0023665	.0005550	.051479	.034587	.0008475
%RSD	.4694510	.4838288	1.286192	5.599790	.6049125	1.044252	5.899694

#1	27.59203	11.25428	.1862194	.0098523	8.479493	3.299968	.0153311
#2	27.80775	11.25635	.1815072	.0104938	8.481401	3.351172	.0137445
#3	27.82632	11.34988	.1842471	.0093885	8.569596	3.285290	.0140212

Sample Name: J4312-01 Acquired: 8/10/2018 17:12:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GW6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.152450	.1038234	.7507368
Stddev	.012437	.0004388	.0009265
%RSD	.5777896	.4225886	.1234138

#1	2.138584	.1038821	.7498746
#2	2.162619	.1042298	.7506194
#3	2.156146	.1033583	.7517164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.778	2995.078	48369.96	5661.751	3177.625
Stddev	18.087	8.400	116.86	24.464	4.980
%RSD	.9103769	.2804559	.2415917	.4321011	.1567303

#1	1974.651	3003.650	48265.71	5678.810	3181.832
#2	1978.116	2994.722	48347.88	5633.721	3178.917
#3	2007.567	2986.862	48496.28	5672.722	3172.126

Sample Name: J4312-02 Acquired: 8/10/2018 17:16:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1420502	-.008856	1.636721	-.030390	.0122228	76.88036	1.380426
Stddev	.0010936	.001336	.004051	.002098	.0003427	.74120	.014420
%RSD	.7698964	15.08307	.2474914	6.902435	2.804146	.9640984	1.044623

#1	.1411843	-.009729	1.638949	-.032750	.0118413	76.03580	1.363867
#2	.1432792	-.007318	1.632046	-.029685	.0123222	77.42271	1.390214
#3	.1416870	-.009521	1.639169	-.028736	.0125048	77.18258	1.387198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069878	.0347595	187.1530	.1167470	.0750928	.4762321	160.9473
Stddev	.0000867	.0000896	1.7567	.0009759	.0003474	.0021751	1.3897
%RSD	1.240526	.2576742	.9386483	.8359330	.4626230	.4567218	.8634413

#1	.0069149	.0348143	185.1293	.1176751	.0747280	.4738493	159.3789
#2	.0070837	.0346562	188.2851	.1168364	.0751306	.4767360	162.0252
#3	.0069649	.0348082	188.0447	.1157294	.0754197	.4781110	161.4378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.906452	59.65358	.1252417	.0089413	1.494228	.3167635	1.621047
Stddev	.045511	.79287	.0004159	.0000996	.121364	.0114902	.016593
%RSD	.9275831	1.329126	.3320346	1.113692	8.122169	3.627386	1.023568

#1	4.856094	58.76300	.1247853	.0088484	1.361299	.3041274	1.637530
#2	4.944644	60.28270	.1253405	.0090464	1.599119	.3265846	1.621264
#3	4.918620	59.91504	.1255992	.0089291	1.522265	.3195786	1.604347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.11662	10.98532	.1744857	.0098717	8.274877	3.248268	.0137183
Stddev	.28225	.01768	.0022479	.0003752	.028624	.019540	.0010696
%RSD	1.040869	.1609553	1.288307	3.800638	.3459175	.6015667	7.797216

#1	26.79534	10.97037	.1720135	.0094467	8.290633	3.228712	.0147950
#2	27.32469	10.98075	.1750370	.0101570	8.241836	3.267793	.0126559
#3	27.22984	11.00483	.1764068	.0100114	8.292162	3.248298	.0137041

Sample Name: J4312-02 Acquired: 8/10/2018 17:16:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GW6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.082289	.1025685	.7302192
Stddev	.024489	.0015174	.0077466
%RSD	1.176055	1.479424	1.060855

#1	2.055065	.1008584	.7214270
#2	2.102523	.1030933	.7360409
#3	2.089279	.1037539	.7331897

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.931	3047.173	49165.90	5768.493	3257.434
Stddev	13.585	10.637	105.89	55.325	6.886
%RSD	.6702391	.3490727	.2153830	.9590929	.2114067

#1	2014.119	3052.346	49067.28	5829.885	3260.394
#2	2041.176	3054.234	49277.82	5722.497	3262.345
#3	2025.498	3034.939	49152.62	5753.096	3249.562

Sample Name: J4312-03 Acquired: 8/10/2018 17:20:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156181	.0934385	1.673120	.0668580	.1967352	80.80177	5.216477
Stddev	.0022571	.0046581	.004046	.0026428	.0018305	.27664	.013333
%RSD	1.046785	4.985170	.2418180	3.952843	.9304458	.3423724	.2555957

#1	.2132644	.0986472	1.672151	.0651070	.1966307	80.83810	5.225937
#2	.2177642	.0896723	1.669648	.0698980	.1949592	80.50876	5.201228
#3	.2158257	.0919961	1.677563	.0655690	.1986157	81.05846	5.222267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988876	.1400946	189.1743	.4931672	1.146066	.9619087	164.5144
Stddev	.0006116	.0001165	.4012	.0011742	.003447	.0034570	.8165
%RSD	.6184449	.0831247	.2120762	.2380959	.3007296	.3593885	.4963188

#1	.0992284	.1399812	189.2734	.4918883	1.145741	.9658551	164.6695
#2	.0992527	.1400888	188.7328	.4941967	1.142794	.9604554	163.6315
#3	.0981815	.1402139	189.5166	.4934165	1.149664	.9594156	165.2423

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.862606	60.54405	1.209618	.0960648	1.180288	1.259119	2.549692
Stddev	.024039	.17566	.004229	.0006813	.118765	.005827	.018565
%RSD	.4100405	.2901396	.3496523	.7091939	10.06235	.4627458	.7281438

#1	5.873667	60.59356	1.209385	.0968514	1.061039	1.254693	2.558052
#2	5.835028	60.34895	1.205510	.0956836	1.181263	1.256944	2.528416
#3	5.879124	60.68965	1.213960	.0956596	1.298562	1.265720	2.562608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.20273	11.08123	.1776408	.0096610	8.321546	3.311085	.0160339
Stddev	.12292	.05107	.0025616	.0000960	.041433	.012892	.0022881
%RSD	.4518682	.4608398	1.441990	.9938939	.4979001	.3893629	14.27028

#1	27.19830	11.05205	.1781770	.0095721	8.277465	3.322957	.0136286
#2	27.08208	11.05144	.1748536	.0097628	8.327482	3.312926	.0162898
#3	27.32780	11.14019	.1798918	.0096480	8.359690	3.297371	.0181832

Sample Name: J4312-03 Acquired: 8/10/2018 17:20:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.098295	.1036550	.7348982
Stddev	.005262	.0011476	.0014470
%RSD	.2507885	1.107166	.1969015

#1	2.101042	.1035826	.7363092
#2	2.101617	.1025453	.7349676
#3	2.092228	.1048372	.7334177

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.273	2977.204	48365.70	5648.341	3188.137
Stddev	9.351	10.178	239.30	14.832	6.103
%RSD	.4700631	.3418649	.4947816	.2625920	.1914212

#1	1979.478	2985.816	48196.44	5637.077	3188.350
#2	1998.106	2979.823	48639.48	5642.800	3194.131
#3	1990.235	2965.972	48261.16	5665.146	3181.931

Sample Name: J4312-01LX5 Acquired: 8/10/2018 17:24:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0380229	.0008197	.2987806	-.004000	.0018738	15.36230	.2815445
Stddev	.0044375	.0008787	.0005558	.002239	.0012672	.02193	.0013189
%RSD	11.67056	107.1938	.1860373	55.97520	67.62878	.1427527	.4684690

#1	.0416501	-.000075	.2983180	-.006262	.0004154	15.38709	.2827753
#2	.0330750	.000853	.2993972	-.003951	.0027059	15.35440	.2817060
#3	.0393435	.001681	.2986265	-.001785	.0025002	15.34542	.2801522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016372	.0067766	38.47507	.0252776	.0139778	.1008587	33.33443
Stddev	.0000322	.0001297	.10708	.0002356	.0002136	.0087115	.08330
%RSD	1.966428	1.914236	.2783170	.9319682	1.528185	8.637326	.2498805

#1	.0016711	.0067805	38.55617	.0253886	.0139259	.0956452	33.42281
#2	.0016071	.0066450	38.51534	.0254371	.0137949	.0960154	33.25737
#3	.0016333	.0069043	38.35369	.0250070	.0142125	.1109156	33.32313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004097	12.17515	.0230527	.0025218	.3260592	.0673014	.3144026
Stddev	.004295	.03537	.0001481	.0005139	.1336333	.0027970	.0252261
%RSD	.4277425	.2904800	.6424893	20.37760	40.98437	4.155980	8.023514

#1	1.006248	12.13438	.0230897	.0029506	.3926247	.0663456	.2853605
#2	.999151	12.19764	.0228896	.0019522	.1722168	.0651076	.3308667
#3	1.006891	12.19343	.0231788	.0026625	.4133360	.0704511	.3269805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.161062	1.989034	-.009093	.0030744	1.474772	.6779145	.0006746
Stddev	.098970	.003578	.001466	.0000197	.008722	.0083046	.0006132
%RSD	1.917634	.1798913	16.12074	.6409772	.5914160	1.225017	90.89329

#1	5.267176	1.985221	-.007658	.0030971	1.478199	.6828265	.0008404
#2	5.071263	1.992318	-.010588	.0030616	1.464857	.6825909	.0011879
#3	5.144748	1.989562	-.009031	.0030646	1.481261	.6683262	-.000004

Sample Name: J4312-01LX5 Acquired: 8/10/2018 17:24:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GW6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4273753	.0212098	.1520635
Stddev	.0034373	.0017414	.0006452
%RSD	.8042873	8.210270	.4243033

#1	.4237817	.0201707	.1515772
#2	.4306315	.0232202	.1527955
#3	.4277128	.0202385	.1518178

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.478	2776.355	44398.47	5075.583	3387.518
Stddev	9.441	10.157	363.29	29.883	5.963
%RSD	.5071637	.3658234	.8182501	.5887563	.1760263

#1	1868.255	2778.588	44722.30	5044.925	3389.046
#2	1850.694	2785.209	44005.62	5077.200	3392.568
#3	1865.483	2765.267	44467.50	5104.625	3380.940

Sample Name: J4306-06DLX2 Acquired: 8/10/2018 17:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559821	-.001642	.5222406	-.006774	.0088043	38.52617	1.012125
Stddev	.0022796	.002162	.0022117	.004338	.0003815	.19627	.002942
%RSD	4.072032	131.6954	.4235056	64.03276	4.333516	.5094482	.2906410

#1	.0581091	-.004078	.5247213	-.004164	.0083638	38.75046	1.015419
#2	.0535756	-.000896	.5204744	-.011781	.0090243	38.44215	1.011196
#3	.0562615	.000049	.5215263	-.004377	.0090249	38.38589	1.009760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030684	.0268127	465.9018	.0401243	.0253577	.7978672	56.11357
Stddev	.0000935	.0000299	.8047	.0001410	.0004485	.0073119	.27094
%RSD	3.046949	.1114682	.1727289	.3513753	1.768589	.9164363	.4828490

#1	.0029620	.0268422	466.3761	.0399809	.0256019	.7899164	56.40003
#2	.0031377	.0268136	466.3567	.0402627	.0248401	.7993821	56.07928
#3	.0031054	.0267824	464.9726	.0401294	.0256311	.8043029	55.86141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.190505	54.90585	.0425161	.0074169	3.537624	.0980072	.6273015
Stddev	.001635	.16350	.0003681	.0002060	.346730	.0089051	.0013888
%RSD	.0746436	.2977799	.8657294	2.777734	9.801217	9.086164	.2213892

#1	2.188633	55.09299	.0429410	.0076522	3.693101	.1068837	.6278447
#2	2.191228	54.79070	.0422953	.0073298	3.779405	.0980641	.6283365
#3	2.191654	54.83386	.0423120	.0072688	3.140368	.0890737	.6257232

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.38766	5.171212	.0807569	.0024812	6.206296	4.336514	.0037162
Stddev	.09546	.020495	.0007172	.0003297	.006993	.012895	.0005368
%RSD	.7130169	.3963205	.8881327	13.28828	.1126782	.2973607	14.44524

#1	13.42751	5.160161	.0813006	.0028366	6.198360	4.324602	.0039573
#2	13.27874	5.158613	.0799440	.0021853	6.211558	4.334733	.0031012
#3	13.45674	5.194860	.0810260	.0024216	6.208969	4.350207	.0040903

Sample Name: J4306-06DLX2 Acquired: 8/10/2018 17:28:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8755270	.1052047	1.659601
Stddev	.0032017	.0012362	.002098
%RSD	.3656909	1.175048	.1263863

#1	.8733682	.1050275	1.660006
#2	.8792056	.1065199	1.661466
#3	.8740072	.1040666	1.657330

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.028	2773.822	44823.01	5259.982	3142.064
Stddev	11.951	15.061	184.91	10.867	6.135
%RSD	.6466839	.5429853	.4125376	.2066038	.1952451

#1	1854.704	2764.187	44842.43	5268.471	3139.720
#2	1855.149	2791.179	44997.45	5263.739	3149.025
#3	1834.231	2766.101	44629.16	5247.734	3137.446

Sample Name: PB111912BS Acquired: 8/10/2018 17:33:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255569	.0485643	.0160800	.0684681	.1135035	.3304642
Stddev	.0025935	.0034982	.0005117	.0022546	.0005908	.0071775
%RSD	10.14776	7.203284	3.182072	3.292898	.5204756	2.171934

#1	.0284995	.0505721	.0158826	.0709559	.1128336	.3284407
#2	.0245671	.0445249	.0156964	.0678884	.1137269	.3384361
#3	.0236042	.0505958	.0166610	.0665599	.1139499	.3245156

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3661669	.0099206	.0091934	9.054655	.0197512	.0900122
Stddev	.0014335	.0001321	.0000653	.059401	.0001061	.0001475
%RSD	.3914894	1.331482	.7098541	.6560221	.5373495	.1638965

#1	.3674942	.0100158	.0091187	9.112902	.0196784	.0898482
#2	.3663598	.0097698	.0092221	9.056899	.0197022	.0900542
#3	.3646468	.0099763	.0092393	8.994165	.0198729	.0901341

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499042	.1833885	.0274811	8.753871	.0753272	.0182843
Stddev	.0065490	.0036691	.0006527	.052711	.0004201	.0003879
%RSD	13.12305	2.000715	2.375163	.6021502	.5576761	2.121431

#1	.0426027	.1853319	.0274795	8.809924	.0749204	.0178769
#2	.0518504	.1856771	.0281345	8.705301	.0753016	.0186491
#3	.0552593	.1791565	.0268291	8.746388	.0757594	.0183269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.828183	.0945771	.0947342	8.110261	F .1630408	F -.041037
Stddev	.145955	.0037615	.0072143	.102798	.0044943	.000915
%RSD	1.653289	3.977232	7.615346	1.267508	2.756519	2.228724

#1	8.665521	.0947943	.0909946	8.097173	.1616907	-.040673
#2	8.871324	.0982254	.0901574	8.014634	.1593763	-.040361
#3	8.947706	.0907117	.1030505	8.218977	.1680553	-.042078

Sample Name: PB111912BS Acquired: 8/10/2018 17:33:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190396	.1605158	.1751143	F .0112246	.0957344	.0847703
Stddev	.0001943	.0024011	.0018414	.0007446	.0041343	.0009567
%RSD	1.020605	1.495867	1.051548	6.633297	4.318534	1.128627

#1	.0190904	.1631516	.1772383	.0120377	.0944433	.0841409
#2	.0188249	.1584531	.1739685	.0110602	.1003602	.0842986
#3	.0192034	.1599428	.1741360	.0105761	.0923997	.0858712

Elem	Sr4077
Units	ppm
Avg	.1877878
Stddev	.0004657
%RSD	.2480082

#1	.1883096
#2	.1874143
#3	.1876393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.066	2725.106	43650.53	4942.308	3451.804
Stddev	7.821	6.848	100.80	33.203	10.288
%RSD	.4273809	.2512946	.2309328	.6718130	.2980333

#1	1823.723	2724.619	43700.82	4905.400	3451.899
#2	1827.670	2732.184	43534.48	4969.750	3462.044
#3	1838.805	2718.514	43716.30	4951.775	3441.469

Sample Name: PB111913BS Acquired: 8/10/2018 17:37:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226567	.0452938	.0154556	.0697133	.1129929	.3439376
Stddev	.0039545	.0011493	.0015419	.0039527	.0018090	.0065607
%RSD	17.45420	2.537342	9.976432	5.669998	1.601018	1.907514

#1	.0193243	.0452615	.0170359	.0740862	.1135925	.3514056
#2	.0216192	.0441610	.0153755	.0686593	.1109603	.3413060
#3	.0270266	.0464589	.0139552	.0663943	.1144261	.3391014

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3660535	.0101478	.0092066	9.254171	.0202062	.0905262
Stddev	.0057255	.0001870	.0000702	.168283	.0003788	.0003677
%RSD	1.564105	1.842707	.7624305	1.818460	1.874763	.4061695

#1	.3726421	.0103588	.0092622	9.447898	.0201830	.0902713
#2	.3632331	.0100821	.0091277	9.170412	.0205961	.0903595
#3	.3622855	.0100026	.0092297	9.144204	.0198395	.0909477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478121	.1874768	.0271876	8.741873	.0751670	.0185541
Stddev	.0048583	.0150737	.0010557	.107344	.0003273	.0001109
%RSD	10.16120	8.040310	3.882816	1.227928	.4353793	.5978476

#1	.0494013	.2048814	.0282702	8.865032	.0753821	.0186731
#2	.0516768	.1789311	.0261611	8.668188	.0747904	.0185357
#3	.0423583	.1786177	.0271316	8.692398	.0753285	.0184536

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.726478	.0960749	.1104780	8.157150	F .1666780	F -.041802
Stddev	.060395	.0026453	.0062184	.207104	.0020552	.001209
%RSD	.6920868	2.753334	5.628648	2.538923	1.233038	2.891799

#1	8.795441	.0986697	.1050042	8.396282	.1643975	-.040653
#2	8.700973	.0933820	.1091903	8.039483	.1672493	-.043063
#3	8.683020	.0961730	.1172394	8.035684	.1683870	-.041691

Sample Name: PB111913BS Acquired: 8/10/2018 17:37:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189283	.1645384	.1772381	F .0098557	.0978645	.0850785
Stddev	.0001554	.0021093	.0034931	.0007796	.0022781	.0023114
%RSD	.8207055	1.281917	1.970864	7.910563	2.327786	2.716807

#1	.0187515	.1666286	.1811074	.0095095	.1004888	.0875903
#2	.0189900	.1645761	.1762899	.0107485	.0963959	.0846041
#3	.0190432	.1624106	.1743169	.0093091	.0967088	.0830411

Elem	Sr4077
Units	ppm
Avg	.1885134
Stddev	.0034846
%RSD	1.848477

#1	.1925103
#2	.1869170
#3	.1861131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.597	2730.746	43349.81	4904.917	3454.058
Stddev	5.318	11.742	89.98	74.132	12.840
%RSD	.2930647	.4299810	.2075653	1.511373	.3717419

#1	1811.450	2725.818	43453.54	4831.775	3444.913
#2	1820.737	2744.149	43303.01	4902.975	3468.737
#3	1811.603	2722.272	43292.87	4980.000	3448.524

Sample Name: J4311-01A Acquired: 8/10/2018 17:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005514	-.011498	1.374558	.0841187	.0121668	66.28128	1.240579
Stddev	.0049620	.001915	.003391	.0016638	.0022270	.39360	.007978
%RSD	4.934797	16.65132	.2467164	1.977907	18.30375	.5938275	.6430965

#1	.0994568	-.012872	1.373544	.0839678	.0100853	65.87070	1.231535
#2	.1059694	-.012311	1.371790	.0825355	.0145152	66.31779	1.243585
#3	.0962281	-.009311	1.378341	.0858528	.0119000	66.65534	1.246617

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043913	.0102671	212.8426	.3515165	.0702528	.6260343	182.5473
Stddev	.0000973	.0000776	1.1367	.0008116	.0005338	.0019413	.8878
%RSD	2.216188	.7559822	.5340750	.2308798	.7598210	.3100968	.4863326

#1	.0044892	.0103340	211.6166	.3524508	.0702956	.6238433	181.6266
#2	.0043901	.0102852	213.0498	.3511124	.0696989	.6275401	182.6174
#3	.0042946	.0101820	213.8616	.3509863	.0707640	.6267195	183.3981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.298567	68.18704	.1262691	.0049459	2.357012	.4055078	1.289098
Stddev	.020898	.35887	.0009210	.0001094	.193673	.0017531	.010202
%RSD	.6335470	.5263026	.7293988	2.212518	8.216880	.4323162	.7914299

#1	3.278819	67.91228	.1252059	.0049776	2.539138	.4061703	1.296769
#2	3.320451	68.05579	.1268216	.0050359	2.378341	.4068330	1.277519
#3	3.296430	68.59306	.1267798	.0048241	2.153558	.4035200	1.293005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.20049	7.896269	.1712459	.0136674	9.990401	2.321136	.0036329
Stddev	.15968	.046924	.0035630	.0005625	.033466	.011100	.0016671
%RSD	.8773269	.5942532	2.080647	4.115976	.3349790	.4782040	45.88994

#1	18.02074	7.849932	.1700064	.0142611	9.971752	2.317499	.0020871
#2	18.32594	7.895118	.1684682	.0135988	9.970415	2.312310	.0034121
#3	18.25477	7.943758	.1752632	.0131423	10.02904	2.333598	.0053993

Sample Name: J4311-01A Acquired: 8/10/2018 17:45:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GS5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.637159	.1097296	.4742545
Stddev	.017351	.0005615	.0025682
%RSD	.6579364	.5117228	.5415291

#1	2.620614	.1101337	.4721530
#2	2.655216	.1099666	.4771173
#3	2.635648	.1090884	.4734931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.945	2840.221	46402.25	5426.991	3213.619
Stddev	5.832	8.504	310.78	28.281	4.069
%RSD	.3047287	.2994159	.6697545	.5211119	.1266328

#1	1914.375	2834.117	46687.86	5440.047	3217.359
#2	1919.550	2849.935	46447.60	5394.541	3214.212
#3	1907.909	2836.612	46071.28	5446.386	3209.285

Sample Name: J4312-01A Acquired: 8/10/2018 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1466717	-.010088	1.693044	.0883230	.0135079	79.13515	1.417143
Stddev	.0020304	.003349	.001638	.0044653	.0036487	.24701	.003792
%RSD	1.384309	33.19983	.0967299	5.055599	27.01182	.3121339	.2676163

#1	.1444915	-.008761	1.694690	.0843874	.0134785	78.86729	1.413988
#2	.1485085	-.013897	1.691415	.0874061	.0171713	79.18423	1.416090
#3	.1470151	-.007605	1.693026	.0931755	.0098740	79.35394	1.421350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072315	.0358054	192.4794	.1202412	.0772933	.4930767	165.5210
Stddev	.0000571	.0002375	.6465	.0019280	.0002843	.0019425	.7223
%RSD	.7899650	.6633595	.3359019	1.603423	.3678449	.3939586	.4363971

#1	.0072939	.0355535	191.8119	.1221855	.0774188	.4917950	164.6871
#2	.0071819	.0358373	192.5234	.1202083	.0769678	.4921233	165.9489
#3	.0072186	.0360253	193.1028	.1183300	.0774932	.4953117	165.9272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042754	61.51964	.1287134	.0087080	1.227830	.3281690	1.660072
Stddev	.023577	.10404	.0011011	.0004354	.123920	.0042880	.020251
%RSD	.4675455	.1691247	.8554946	4.999575	10.09258	1.306648	1.219913

#1	5.015580	61.45649	.1281330	.0082054	1.085980	.3232355	1.648183
#2	5.054897	61.63973	.1280239	.0089692	1.315033	.3310003	1.648578
#3	5.057785	61.46271	.1299834	.0089493	1.282477	.3302711	1.683455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.59514	11.50692	.1782616	.0103008	8.566164	4.509109	.0152388
Stddev	.13051	.02248	.0030234	.0002455	.021405	.010213	.0022338
%RSD	.4729331	.1953495	1.696060	2.383676	.2498839	.2264871	14.65859

#1	27.44508	11.49156	.1759246	.0105006	8.579407	4.497609	.0127827
#2	27.68218	11.49648	.1771841	.0103752	8.541469	4.517120	.0157844
#3	27.65816	11.53272	.1816762	.0100267	8.577616	4.512598	.0171492

Sample Name: J4312-01A Acquired: 8/10/2018 17:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GW6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.198098	.1060200	.7538288
Stddev	.007332	.0016706	.0018555
%RSD	.3335584	1.575735	.2461452

#1	2.189832	.1058374	.7517296
#2	2.200645	.1044483	.7545073
#3	2.203817	.1077744	.7552497

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.025	2952.472	48246.59	5602.687	3152.102
Stddev	11.342	4.345	150.08	23.117	3.463
%RSD	.5719413	.1471813	.3110789	.4126034	.1098630

#1	1988.251	2957.212	48403.41	5621.777	3156.009
#2	1990.811	2951.528	48104.30	5576.984	3150.885
#3	1970.012	2948.676	48232.06	5609.300	3149.411

Sample Name: PB111911BS Acquired: 8/10/2018 17:53:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.0212515	.0478245	.0149115	.0671888	.1147796	.3470311
Stddev	.0026794	.0027399	.0005343	.0043849	.0012695	.0052250
%RSD	12.60829	5.729002	3.583404	6.526176	1.106012	1.505638

#1	.0210409	.0478754	.0151882	.0630311	.1155438	.3494645
#2	.0186836	.0450596	.0152509	.0667652	.1133142	.3410332
#3	.0240301	.0505386	.0142956	.0717701	.1154808	.3505956

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3710376	.0101406	.0092261	9.201759	.0204146	.0918940
Stddev	.0003452	.0000842	.0000101	.042279	.0003628	.0001716
%RSD	.0930264	.8302467	.1100083	.4594639	1.777277	.1867142

#1	.3706723	.0101505	.0092277	9.164465	.0203782	.0917390
#2	.3713582	.0102195	.0092353	9.193124	.0200713	.0918648
#3	.3710823	.0100520	.0092152	9.247689	.0207943	.0920784

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501001	.1779493	.0280355	8.942056	.0766125	.0190607
Stddev	.0045250	.0225084	.0001982	.020181	.0003581	.0002096
%RSD	9.031878	12.64877	.7070041	.2256823	.4674079	1.099493

#1	.0553098	.2037964	.0278803	8.919916	.0767856	.0191682
#2	.0478420	.1626650	.0279675	8.946831	.0762008	.0191947
#3	.0471486	.1673864	.0282588	8.959421	.0768512	.0188192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.961818	.0926658	.1015781	8.159095	F .1681640	F -.042830
Stddev	.190395	.0029025	.0029986	.078829	.0015038	.000963
%RSD	2.124510	3.132256	2.952036	.9661452	.8942440	2.248956

#1	9.095691	.0912576	.1038628	8.120430	.1698810	-.043933
#2	9.045907	.0960037	.0981826	8.249790	.1675293	-.042153
#3	8.743856	.0907359	.1026890	8.107064	.1670815	-.042405

Sample Name: PB111911BS Acquired: 8/10/2018 17:53:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) 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	.0190743	.1712024	.1777428	F .0099486	.0983133	.0877124
Stddev	.0004127	.0067727	.0023400	.0006873	.0024036	.0023976
%RSD	2.163520	3.955986	1.316504	6.908720	2.444869	2.733478

#1	.0186864	.1633990	.1799603	.0104403	.1010398	.0850364
#2	.0190285	.1746564	.1779710	.0102422	.0965006	.0896650
#3	.0195079	.1755518	.1752970	.0091632	.0973996	.0884358

Elem	Sr4077
Units	ppm
Avg	.1911172
Stddev	.0004383
%RSD	.2293368

#1	.1906673
#2	.1915429
#3	.1911414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.620	2695.748	42830.78	4890.250	3403.532
Stddev	12.385	13.966	17.66	9.095	11.317
%RSD	.6928360	.5180660	.0412226	.1859813	.3325131

#1	1778.714	2697.956	42825.54	4886.875	3402.938
#2	1782.383	2708.478	42816.34	4883.325	3415.135
#3	1801.764	2680.809	42850.46	4900.550	3392.524

Sample Name: CCV089 Acquired: 8/10/2018 17:57:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.881419	4.808062	24.08291	4.766793	4.902674	391.2703	9.544344
Stddev	.044232	.029007	.08928	.025144	.028877	.9390	.020605
%RSD	.9061284	.6033023	.3707218	.5274898	.5890035	.2399929	.2158827

#1	4.879008	4.789362	24.03397	4.749491	4.883711	391.8131	9.561811
#2	4.838442	4.793346	24.02879	4.755253	4.888403	390.1860	9.521620
#3	4.926807	4.841477	24.18596	4.795636	4.935908	391.8118	9.549600

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4741492	2.430601	394.6403	14.83770	2.447608	14.64852	400.8964
Stddev	.0009841	.009697	.3118	.02310	.006838	.02146	.4216
%RSD	.2075578	.3989508	.0790064	.1557026	.2793878	.1464818	.1051609

#1	.4751550	2.424348	394.6764	14.81131	2.443460	14.67322	401.3132
#2	.4731882	2.425685	394.3120	14.84756	2.443862	14.63791	400.4702
#3	.4741045	2.441772	394.9324	14.85425	2.455500	14.63444	400.9057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81585	391.2977	2.467673	1.181133	388.4842	2.353195	13.78846
Stddev	.01168	.7204	.012419	.006152	.8777	.007982	.14804
%RSD	.0845354	.1841019	.5032689	.5208673	.2259323	.3391874	1.073627

#1	13.82908	391.8163	2.459949	1.188119	388.2536	2.362004	13.95853
#2	13.80695	390.4751	2.461071	1.178757	387.7448	2.351136	13.68852
#3	13.81153	391.6016	2.481999	1.176524	389.4542	2.346444	13.71832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	142.1312	5.314407	4.836850	4.892097	5.052425	4.581779	4.997953
Stddev	.6653	.029160	.015409	.032624	.023920	.008879	.023421
%RSD	.4680630	.5486931	.3185720	.6668784	.4734374	.1937801	.4686139

#1	142.4807	5.284003	4.854641	4.869216	5.040662	4.590260	4.979818
#2	141.3641	5.317078	4.827797	4.877620	5.036664	4.582527	4.989645
#3	142.5490	5.342139	4.828111	4.929454	5.079949	4.572550	5.024395

Sample Name: CCV089 Acquired: 8/10/2018 17:57:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV089 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.883372	4.949669	4.886136
Stddev	.010341	.009694	.008350
%RSD	.2117548	.1958459	.1708837

#1	4.894515	4.957747	4.895446
#2	4.881518	4.938920	4.879310
#3	4.874084	4.952340	4.883651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.957	2358.143	39808.65	4772.216	2738.546
Stddev	8.258	12.459	106.05	7.876	10.039
%RSD	.5171018	.5283429	.2664029	.1650430	.3665913

#1	1587.468	2367.155	39690.16	4780.914	2745.061
#2	1600.893	2363.350	39894.67	4770.168	2743.593
#3	1602.511	2343.925	39841.13	4765.566	2726.985

Sample Name: CCB089 Acquired: 8/10/2018 18:01:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010450	.0008438	-.002435	.0005813	.0021613	.0017806
Stddev	.0038762	.0018206	.000751	.0013459	.0007184	.0186297
%RSD	370.9338	215.7714	30.84465	231.5236	33.23918	1046.285

#1	-.000612	-.000694	-.002088	.0013154	.0019304	-.016942
#2	-.001727	.000371	-.001921	-.000972	.0029667	.001967
#3	.005474	.002854	-.003297	.001401	.0015867	.020316

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001040	.0000207	-.000520	.0040391	.0002588	.0000406
Stddev	.000418	.0000156	.000064	.0038336	.0001690	.0002911
%RSD	40.15772	75.11262	12.37663	94.91241	65.28612	716.2135

#1	-.001510	.0000310	-.000544	.0028516	.0001980	-.000119
#2	-.000896	.0000028	-.000447	.0009398	.0001287	.000377
#3	-.000713	.0000284	-.000569	.0083260	.0004498	-.000136

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037748	-.011286	-.001724	.0049324	-.000193	.0005227
Stddev	.0024904	.015407	.000477	.0614369	.000567	.0001530
%RSD	65.97456	136.5059	27.67410	1245.567	293.4812	29.27342

#1	.0009778	-.008099	-.001898	.0407076	.000205	.0003825
#2	.0045947	.002277	-.001185	-.066008	-.000842	.0006859
#3	.0057519	-.028037	-.002091	.040098	.000058	.0004996

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.035351	-.002757	-.003255	-.002124	-.002487	F -.050850
Stddev	.409989	.003449	.005053	.017993	.000879	.000753
%RSD	1159.773	125.0847	155.2622	847.2458	35.33780	1.480635

#1	.311936	.000683	-.001026	.017395	-.001994	-.051374
#2	-.487624	-.002739	-.009039	-.018049	-.001966	-.049987
#3	.069636	-.006216	.000301	-.005717	-.003502	-.051189

Sample Name: CCB089 Acquired: 8/10/2018 18:01:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v623) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001901	-.012441	-.004740	-.001211	.0005951	.0009691
Stddev	.0002633	.002894	.001422	.000959	.0028743	.0011344
%RSD	138.5014	23.26122	29.99528	79.19875	482.9907	117.0586

#1	.0003212	-.015655	-.005058	-.000589	.0032655	.0010985
#2	.0003621	-.011628	-.003186	-.000728	.0009669	.0020333
#3	-.000113	-.010041	-.005976	-.002315	-.002447	-.000224

Elem	Sr4077
Units	ppm
Avg	-.000026
Stddev	.000132
%RSD	506.6091

#1	-.000079
#2	-.000123
#3	.000124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.949	2719.705	43511.48	4890.250	3423.214
Stddev	10.698	8.213	121.24	15.740	13.855
%RSD	.5855555	.3019936	.2786318	.3218555	.4047427

#1	1818.211	2725.907	43400.54	4901.925	3434.562
#2	1838.880	2722.818	43640.89	4896.475	3427.306
#3	1823.757	2710.391	43493.01	4872.350	3407.774