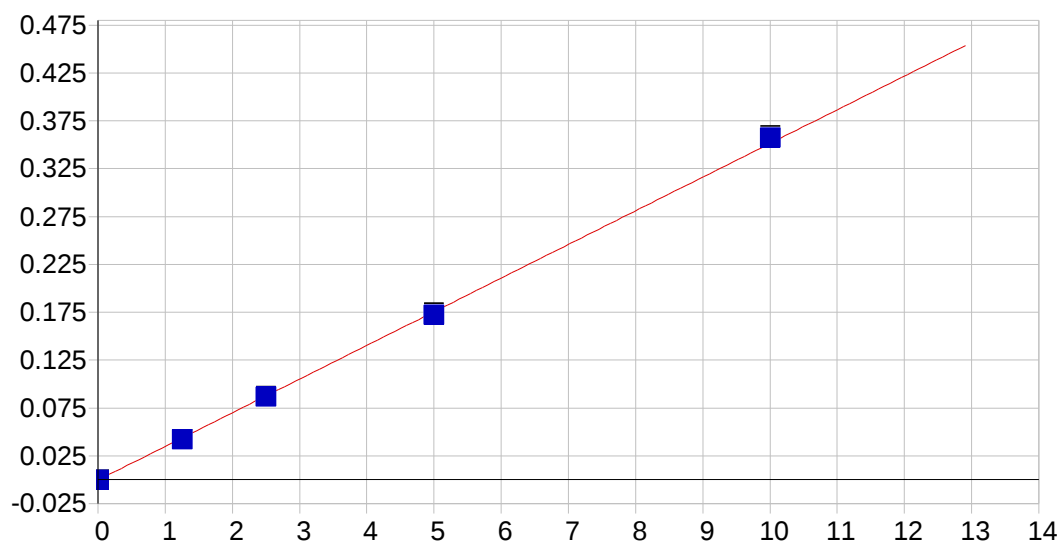


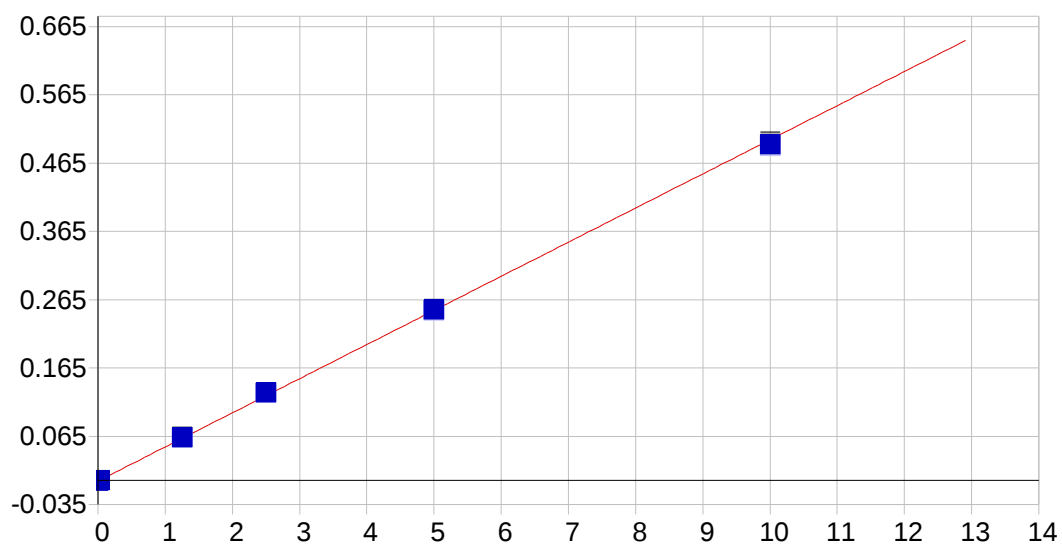


As 189.042 {479}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000393 Re-Slope: 1.000000
 A1 (Gain): 0.035181 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004611
 Predicted MQL: 0.015369

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.01000	.00790	-.002	-21.0	-.00011	.000	1
S2	1.2500	1.2043	-.046	-3.66	.04208	.000	1
S3	2.5000	2.4699	-.030	-1.21	.08671	.001	1
S4	5.0000	4.9106	-.089	-1.79	.17278	.001	1
S5	10.000	10.167	.167	1.67	.35813	.002	1

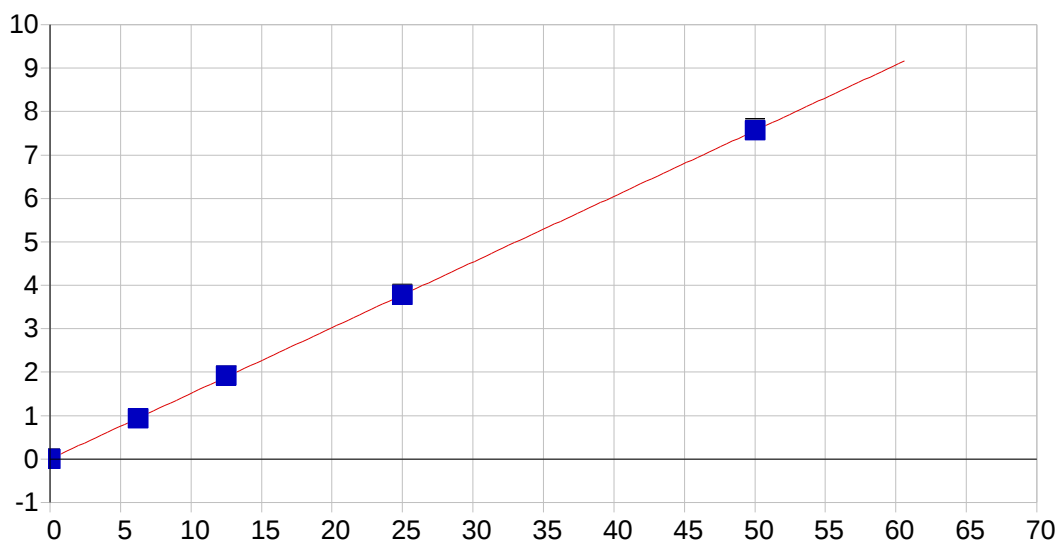


TI 190.856 {477}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.049985 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.003032
 Predicted MQL: 0.010106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00072	.000	1
S1	.02500	.02663	.002	6.52	.00059	.000	1
S2	1.2500	1.2770	.027	2.16	.06273	.000	1
S3	2.5000	2.5935	.093	3.74	.12816	.000	1
S4	5.0000	5.0125	.013	.251	.24832	.001	1
S5	10.000	9.8653	-.135	-1.35	.48937	.004	1

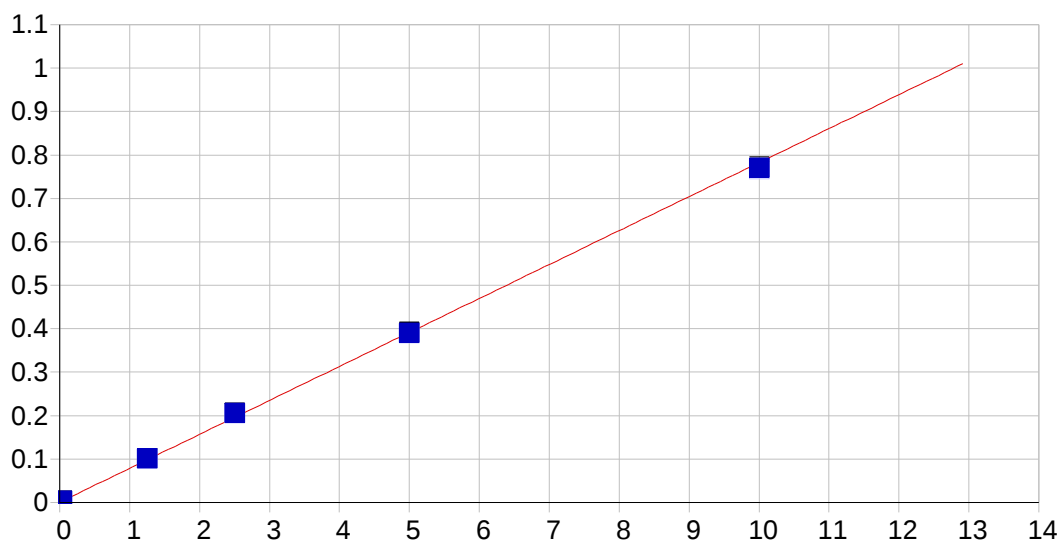


Pb 220.353 {453}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000299 Re-Slope: 1.000000
 A1 (Gain): 0.151201 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.002320
 Predicted MQL: 0.007732

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00030	.000	1
S1	.01000	.01083	.001	8.27	.00135	.000	1
S2	6.2500	6.1563	-.094	-1.50	.93185	.003	1
S3	12.500	12.642	.142	1.13	1.9138	.004	1
S4	25.000	24.947	-.053	-.214	3.7769	.018	1
S5	50.000	50.005	.005	.009	7.5710	.044	1



Date of Fit: 8/28/2018 13:04:07

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000489

Re-Slope: 1.000000

A1 (Gain): 0.078194

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999706

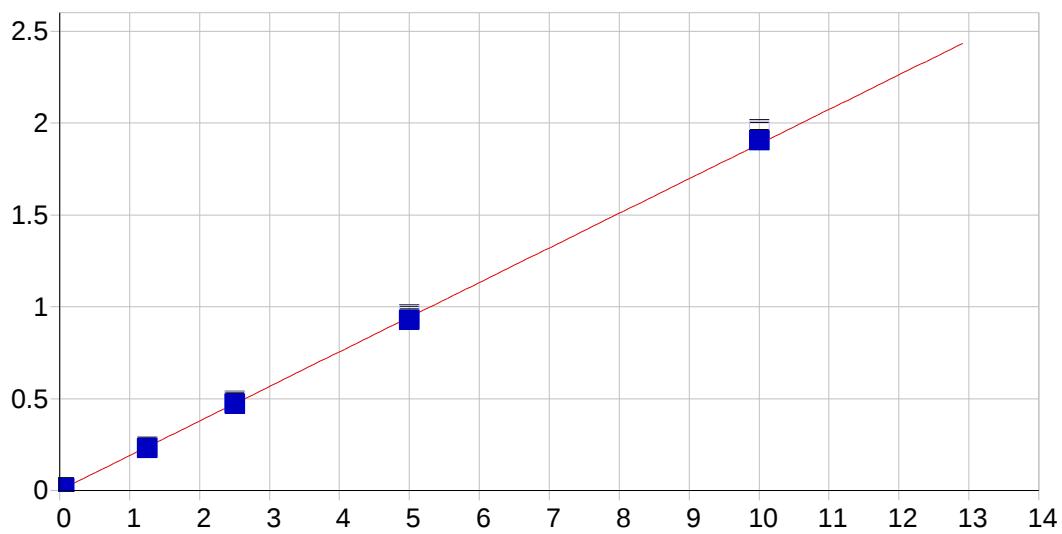
Status: OK.

Std Error of Est: 0.000059

Predicted MDL: 0.003304

Predicted MQL: 0.011014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00049	.000	1
S1	.03500	.04120	.006	17.7	.00371	.000	1
S2	1.2500	1.2863	.036	2.91	.10061	.000	1
S3	2.5000	2.6251	.125	5.00	.20484	.000	1
S4	5.0000	4.9911	-.009	-.179	.38893	.002	1
S5	10.000	9.8413	-.159	-1.59	.76635	.003	1

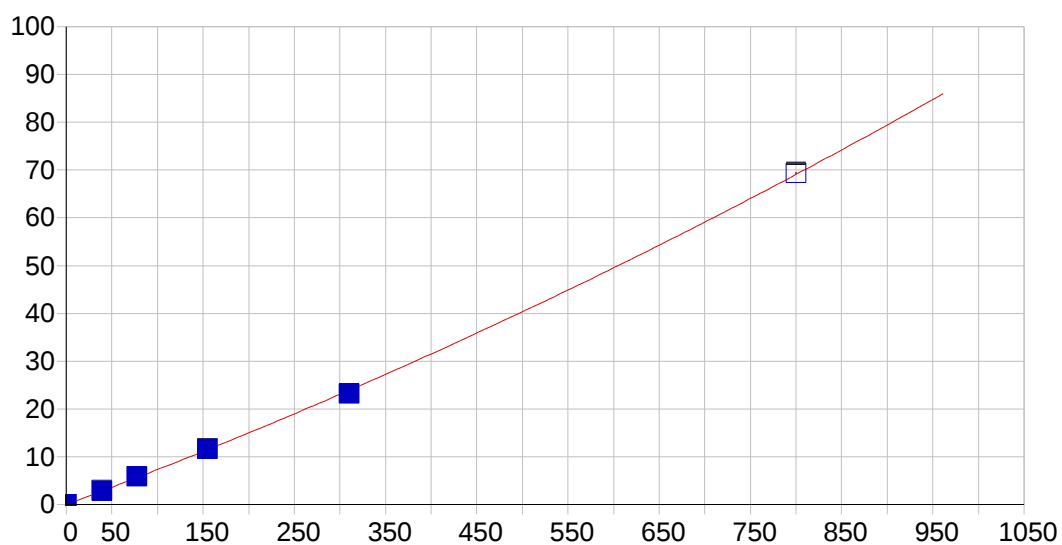


Sb 206.833 {463}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001200 Re-Slope: 1.000000
 A1 (Gain): 0.188376 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000103
 Predicted MDL: 0.001775
 Predicted MQL: 0.005918

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00120	.000	1
S1	.06000	.06414	.004	6.91	.01328	.000	1
S2	1.2500	1.2197	-.030	-2.42	.23738	.000	1
S3	2.5000	2.4964	-.004	-.145	.48428	.003	1
S4	5.0000	4.9231	-.077	-1.54	.95425	.005	1
S5	10.000	10.107	.107	1.07	1.9564	.007	1

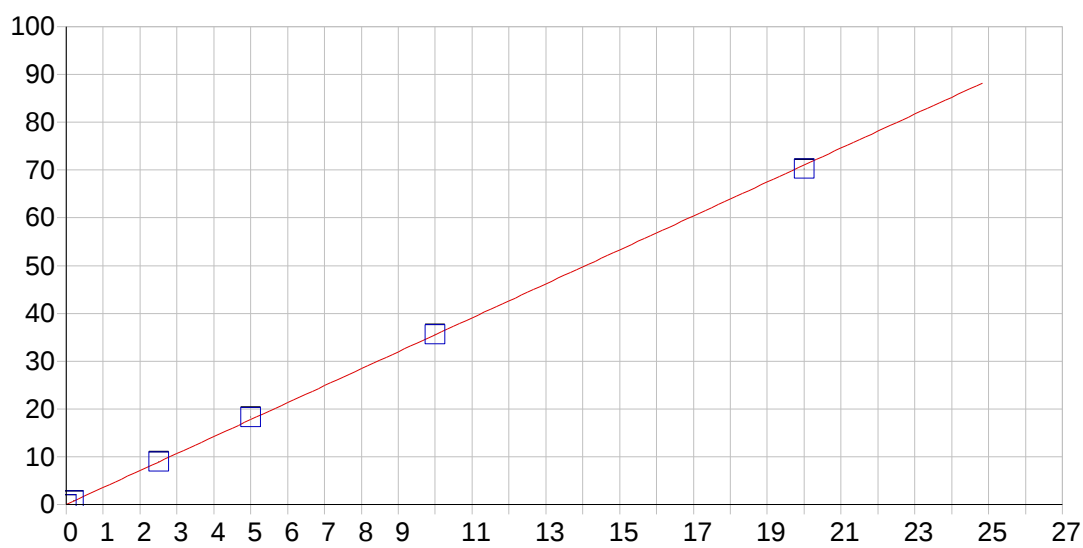


AI 396.152 { 85}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002357 Re-Slope: 1.000000
 A1 (Gain): 0.071122 Y-int: 0.000000
 A2 (Curvature): 0.000019
 n (Exponent): 1.000000
 Correlation: 0.999830 Status: Warning Positive Curvature
 Std Error of Est: 0.001051
 Predicted MDL: 0.016648
 Predicted MQL: 0.055495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	.00235	.000	1
S1	.20000	.22121	.021	10.6	.01811	.000	1
S2	38.750	40.403	1.65	4.27	2.9095	.025	1
S3	77.500	81.147	3.65	4.71	5.9041	.008	1
S4	155.00	156.36	1.36	.876	11.598	.067	1
S5	310.00	301.24	-8.76	-2.83	23.174	.046	1
S6	800.00	802.25	2.25	.281	69.308	.215	1

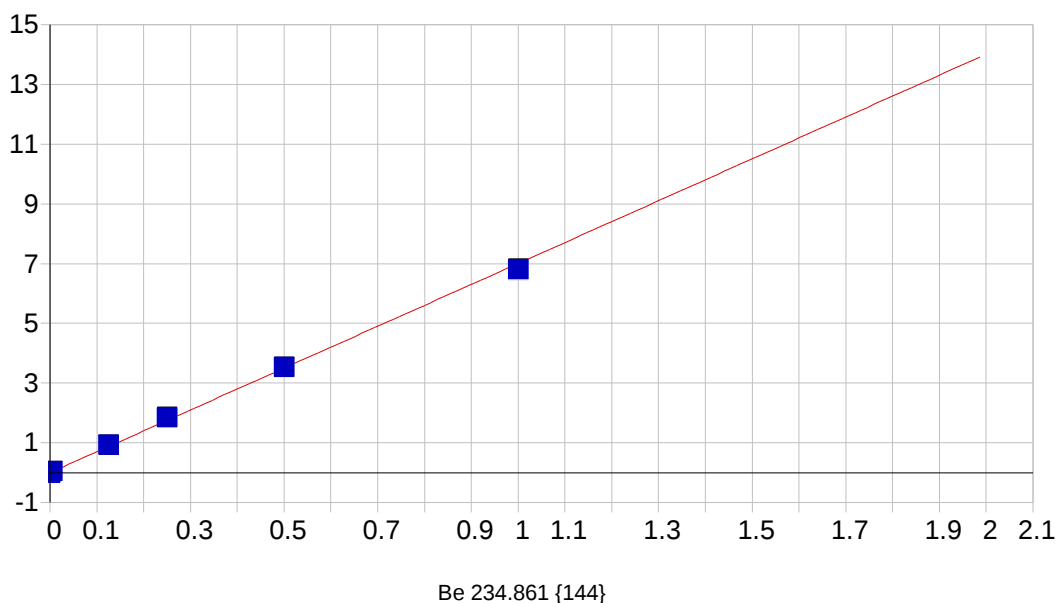


Ba 493.409 { 68}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004994 Re-Slope: 1.000000
 A1 (Gain): 3.551587 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.005651
 Predicted MDL: 0.000775
 Predicted MQL: 0.002582

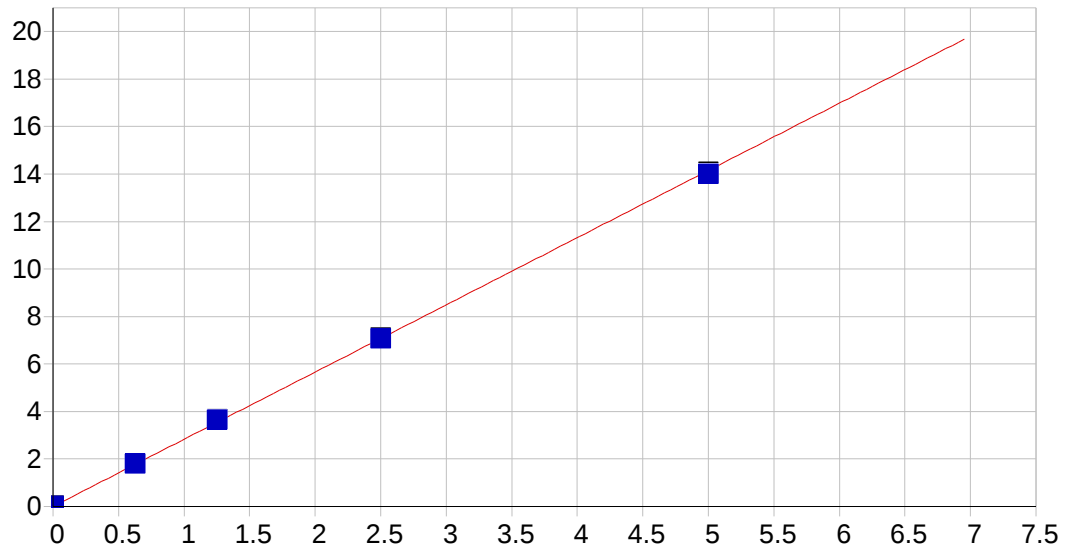
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00492	.002	1
S1	.20000	.21332	.013	6.66	.76262	.003	1
S2	2.5000	2.5291	.029	1.16	8.9872	.031	1
S3	5.0000	5.1522	.152	3.04	18.303	.049	1
S4	10.000	10.029	.029	.292	35.624	.056	1
S5	20.000	19.776	-.224	-1.12	70.242	.071	1



Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003215 Re-Slope: 1.000000
 A1 (Gain): 7.006693 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999366 Status: OK.
 Std Error of Est: 0.000932
 Predicted MDL: 0.000076
 Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00323	.001	1
S1	.00500	.00590	.001	18.1	.03812	.001	1
S2	.12500	.13266	.008	6.13	.92250	.006	1
S3	.25000	.26500	.015	6.00	1.8459	.005	1
S4	.50000	.50453	.005	.905	3.5165	.011	1
S5	1.0000	.97191	-.028	-2.81	6.7760	.025	1

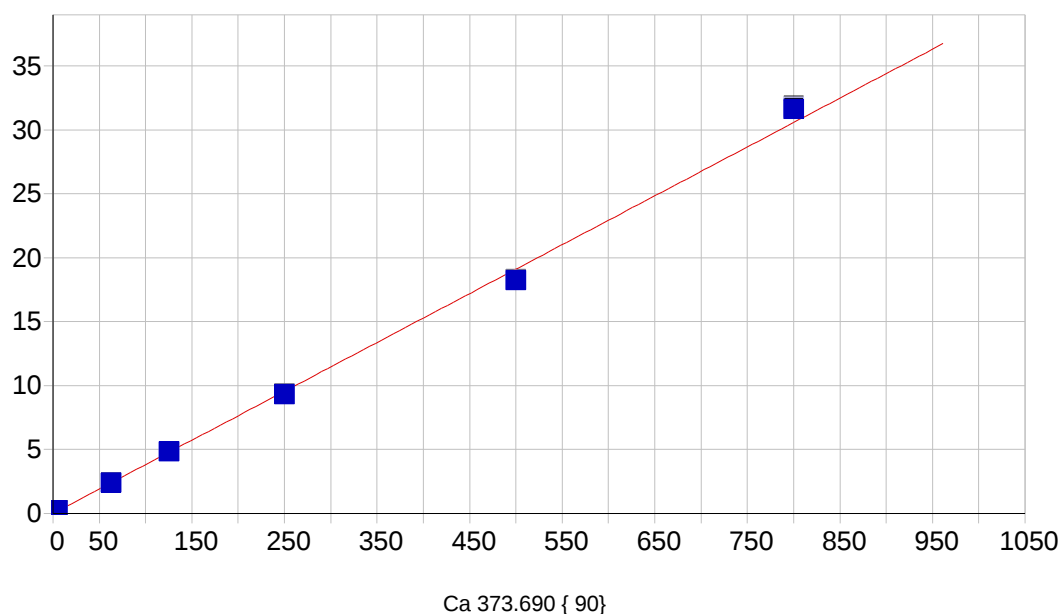


Cd 214.438 {457}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001092 Re-Slope: 1.000000
 A1 (Gain): 2.830167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999888 Status: OK.
 Std Error of Est: 0.000356
 Predicted MDL: 0.000100
 Predicted MQL: 0.000332

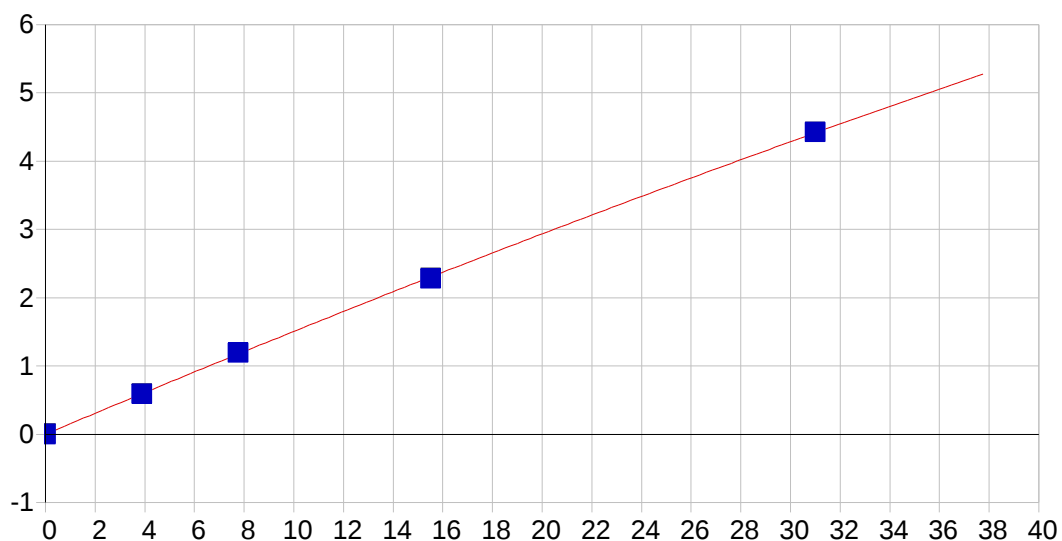
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00109	.000	1
S1	.00500	.00557	.001	11.3	.01685	.000	1
S2	.62500	.63494	.010	1.59	1.8017	.007	1
S3	1.2500	1.2909	.041	3.27	3.6619	.007	1
S4	2.5000	2.5010	.001	.039	7.0939	.020	1
S5	5.0000	4.9476	-.052	-1.05	14.033	.064	1



Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001893 Re-Slope: 1.000000
 A1 (Gain): 0.038215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999379 Status: OK.
 Std Error of Est: 0.004726
 Predicted MDL: 0.023155
 Predicted MQL: 0.077184

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00189	.000	1
S1	5.0000	5.1069	.107	2.14	.19708	.001	1
S2	62.500	62.774	.274	.438	2.4093	.009	1
S3	125.00	126.43	1.43	1.14	4.8505	.016	1
S4	250.00	243.75	-6.25	-2.50	9.3508	.023	1
S5	500.00	476.90	-23.1	-4.62	18.295	.006	1
S6	800.00	827.48	27.5	3.43	31.806	.088	1

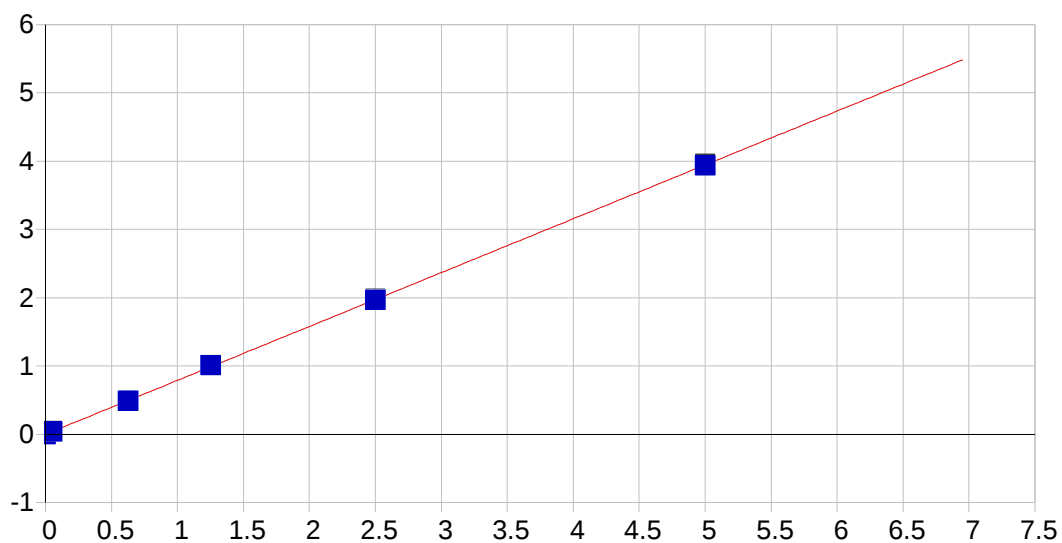


Cr 267.716 {126}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000
 A1 (Gain): 0.154649 Y-int: 0.000000
 A2 (Curvature): -0.000393
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.000600
 Predicted MQL: 0.002001

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01122	.001	12.2	.00174	.000	1
S2	3.8750	3.8592	-.016	-.408	.59202	.000	1
S3	7.7500	7.8666	.117	1.50	1.1943	.001	1
S4	15.500	15.345	-.155	-1.00	2.2846	.004	1
S5	31.000	31.054	.054	.175	4.4315	.004	1

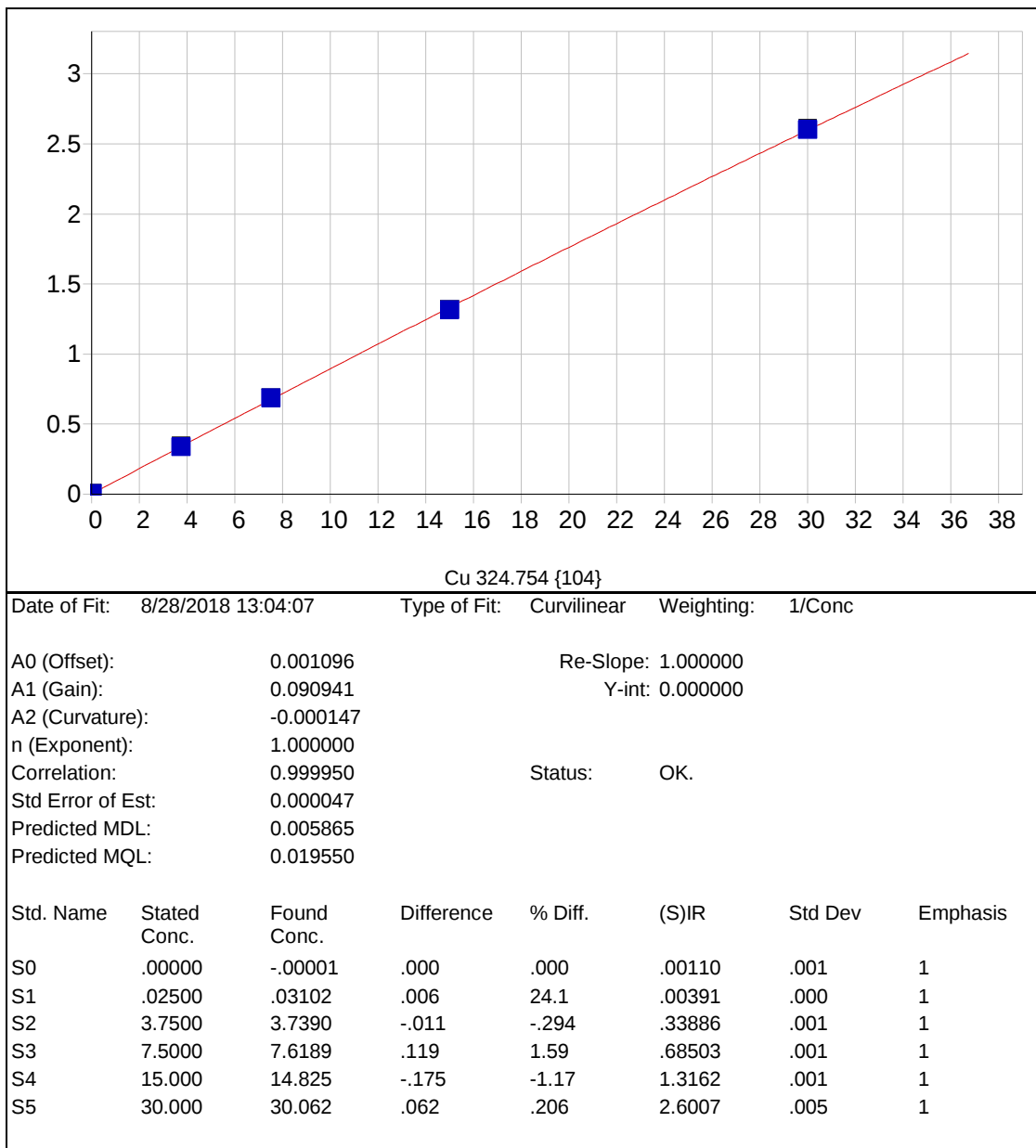


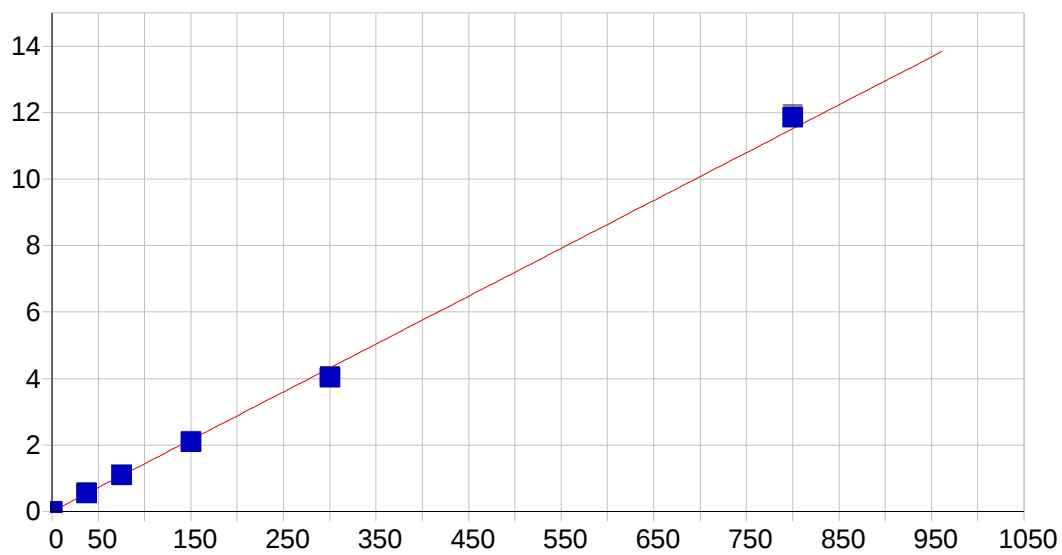
Co 228.616 {448}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000476 Re-Slope: 1.000000
 A1 (Gain): 0.789251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.000343
 Predicted MQL: 0.001143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.05000	.05177	.002	3.54	.04053	.000	1
S2	.62500	.62143	-.004	-.571	.49096	.001	1
S3	1.2500	1.2760	.026	2.08	1.0085	.003	1
S4	2.5000	2.4945	-.006	-.221	1.9722	.006	1
S5	5.0000	4.9814	-.019	-.373	3.9389	.018	1



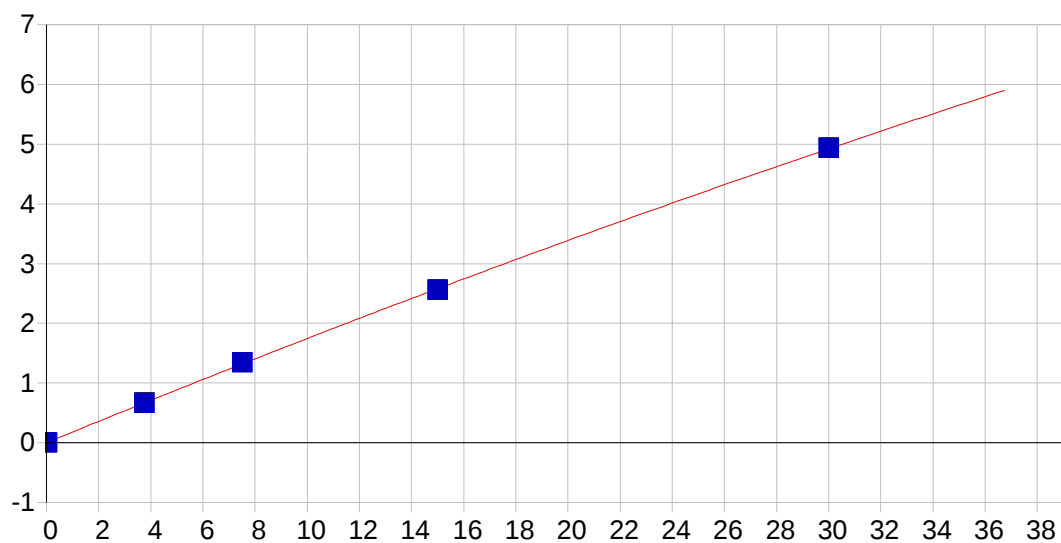


Fe 259.837 {130}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000197 Re-Slope: 1.000000
 A1 (Gain): 0.014391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999189 Status: OK.
 Std Error of Est: 0.000254
 Predicted MDL: 0.019939
 Predicted MQL: 0.066462

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.10000	.10871	.009	8.71	.00179	.000	1
S2	37.500	37.969	.469	1.25	.54949	.005	1
S3	75.000	76.045	1.04	1.39	1.1003	.002	1
S4	150.00	145.22	-4.78	-3.19	2.1015	.011	1
S5	300.00	279.74	-20.3	-6.75	4.0489	.003	1
S6	800.00	823.54	23.5	2.94	11.904	.032	1

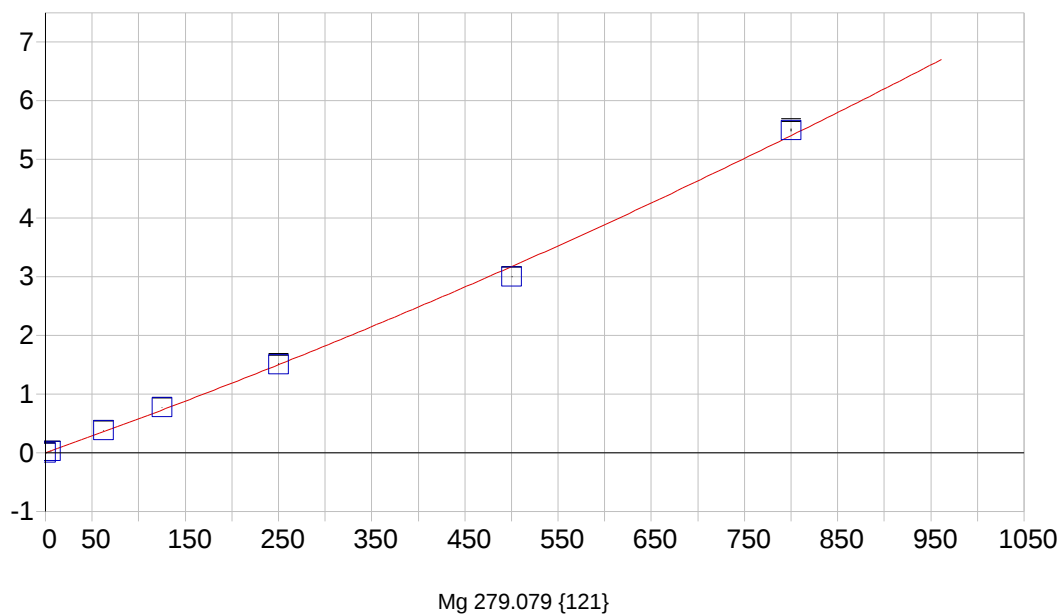


Mn 257.610 {131}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.179834 Y-int: 0.000000
 A2 (Curvature): -0.000524
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.001398
 Predicted MQL: 0.004659

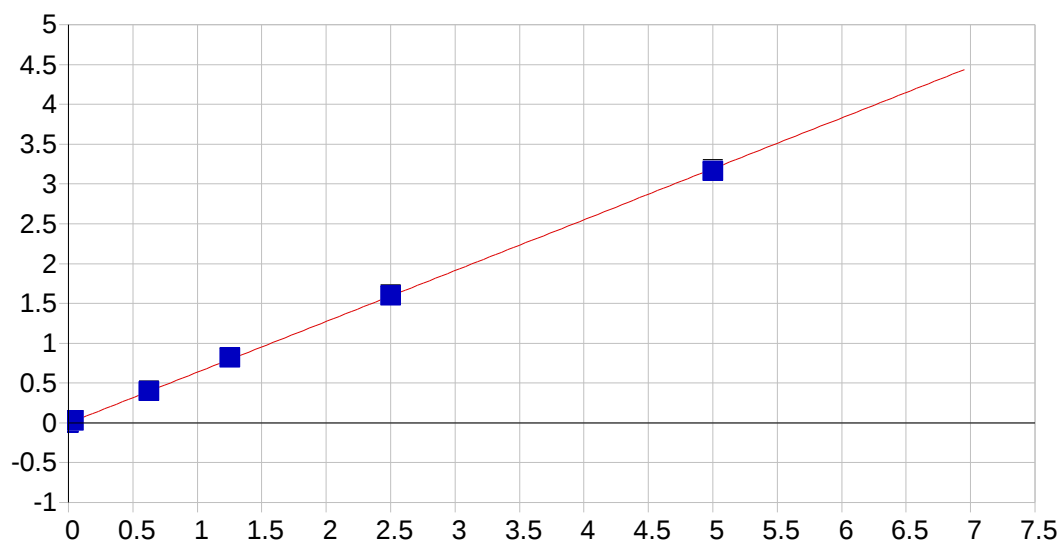
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01500	.01687	.002	12.5	.00299	.000	1
S2	3.7500	3.7466	-.003	-.091	.66651	.004	1
S3	7.5000	7.6083	.108	1.44	1.3381	.004	1
S4	15.000	14.832	-.168	-1.12	2.5525	.007	1
S5	30.000	30.062	.062	.207	4.9334	.007	1



Date of Fit: 8/28/2018 13:04:07 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000455 Re-Slope: 1.000000
 A1 (Gain): 0.005675 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 1.000000
 Correlation: 0.999336 Status: Warning Positive Curvature
 Std Error of Est: 0.000916
 Predicted MDL: 0.063259
 Predicted MQL: 0.210862

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00106	-.001	.000	-.00046	.000	1
S1	5.0000	5.6281	.628	12.6	.03153	.000	1
S2	62.500	66.153	3.65	5.84	.38091	.003	1
S3	125.00	132.18	7.18	5.75	.77335	.002	1
S4	250.00	251.09	1.09	.438	1.5098	.010	1
S5	500.00	475.40	-24.6	-4.92	3.0030	.003	1
S6	800.00	812.34	12.3	1.54	5.5016	.022	1

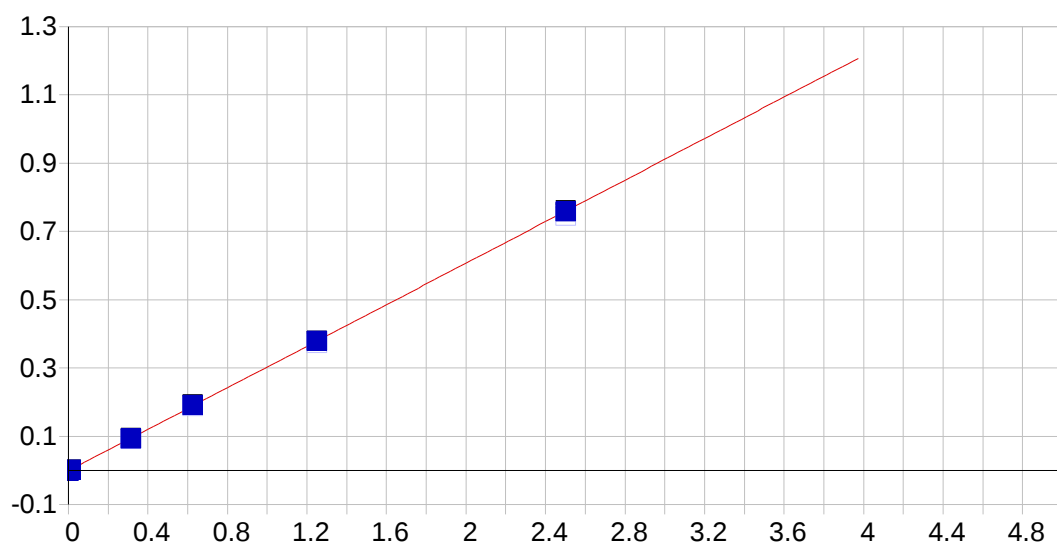


Ni 231.604 {446}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003340 Re-Slope: 1.000000
 A1 (Gain): 0.638663 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000494
 Predicted MQL: 0.001647

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00334	.000	1
S1	.04000	.04236	.002	5.90	.02373	.000	1
S2	.62500	.62907	.004	.651	.39924	.001	1
S3	1.2500	1.2820	.032	2.56	.81704	.003	1
S4	2.5000	2.5081	.008	.324	1.6018	.006	1
S5	5.0000	4.9535	-.047	-.930	3.1668	.017	1

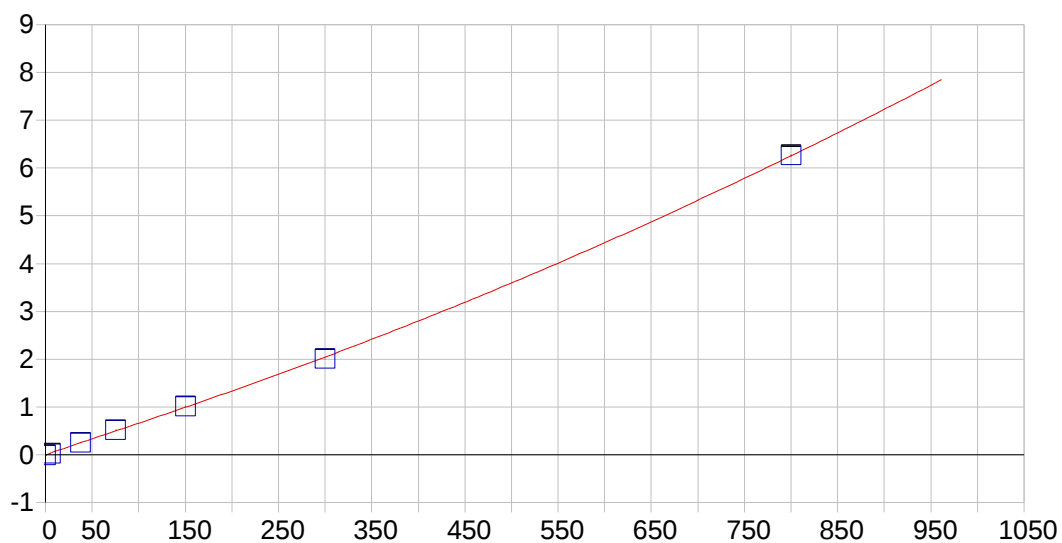


Ag 328.068 {103}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001324 Re-Slope: 1.000000
 A1 (Gain): 0.304196 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000560
 Predicted MQL: 0.001868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00132	.000	1
S1	.01000	.01067	.001	6.65	.00190	.000	1
S2	.31250	.30982	-.003	-.857	.09148	.001	1
S3	.62500	.63262	.008	1.22	.18822	.001	1
S4	1.2500	1.2490	-.001	-.077	.37284	.001	1
S5	2.5000	2.4954	-.005	-.186	.74617	.004	1



Na 818.326 { 41}

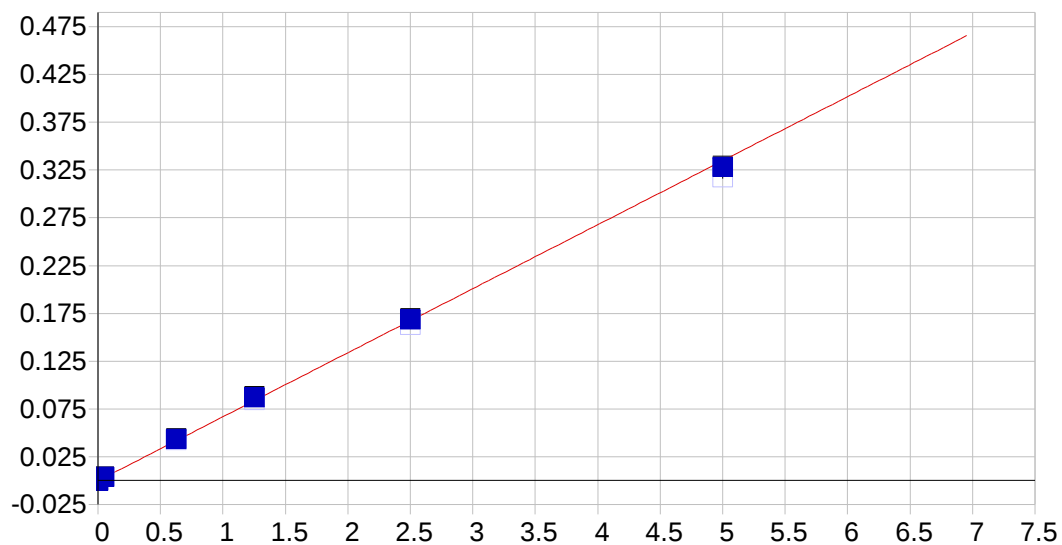
Date of Fit: 8/28/2018 13:04:07 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.007691
 A1 (Gain): 0.008659
 A2 (Curvature): 0.000008
 n (Exponent): 0.930000
 Correlation: 0.999900
 Std Error of Est: 0.000418
 Predicted MDL: 0.279424
 Predicted MQL: 0.931415

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-.00769	.002	1
S1	5.0000	4.4898	-.510	-10.2	.02743	.003	1
S2	37.500	37.264	-.236	-.628	.24919	.002	1
S3	75.000	77.490	2.49	3.32	.51214	.002	1
S4	150.00	152.87	2.87	1.92	1.0117	.004	1
S5	300.00	294.20	-5.80	-1.93	2.0026	.006	1
S6	800.00	801.23	1.23	.154	6.2652	.017	1

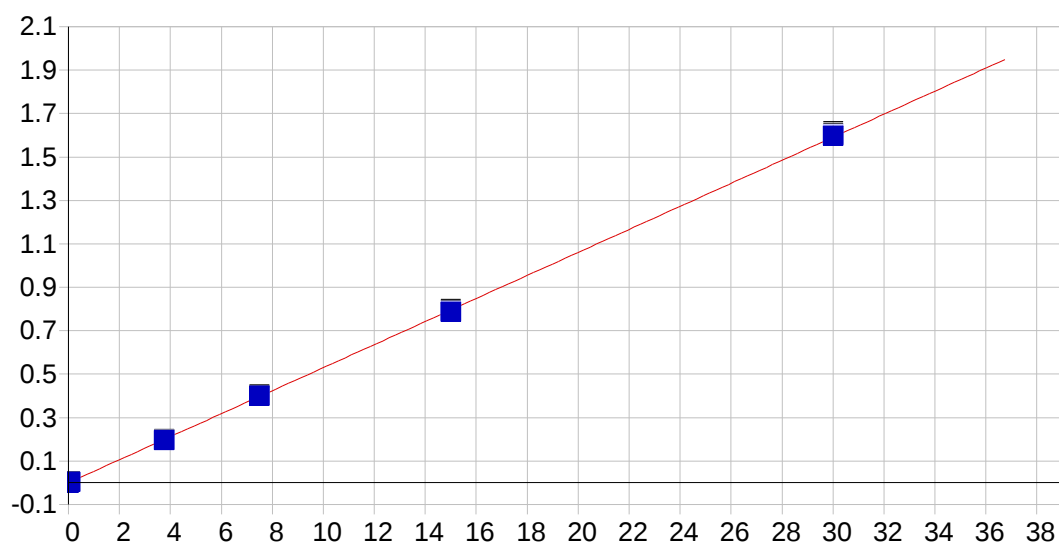


V 292.402 {115}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.067000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999657 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.006454
 Predicted MQL: 0.021513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00017	.000	1
S1	.05000	.05593	.006	11.9	.00357	.000	1
S2	.62500	.65114	.026	4.18	.04207	.000	1
S3	1.2500	1.3024	.052	4.19	.08432	.001	1
S4	2.5000	2.5147	.015	.587	.16279	.001	1
S5	5.0000	4.9007	-.099	-1.99	.31712	.001	1

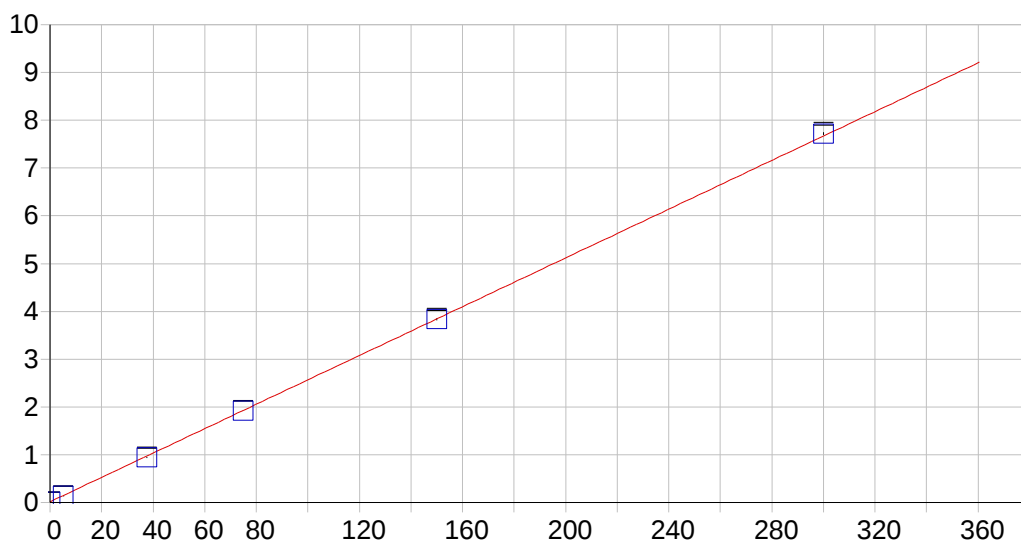


Zn 213.856 {158}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.053041 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.009975
 Predicted MQL: 0.033250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00031	.000	1
S1	.06000	.07087	.011	18.1	.00346	.001	1
S2	3.7500	3.7155	-.034	-.920	.19770	.002	1
S3	7.5000	7.5296	.030	.395	.40094	.004	1
S4	15.000	14.853	-.147	-.979	.79125	.008	1
S5	30.000	30.141	.141	.470	1.6059	.011	1

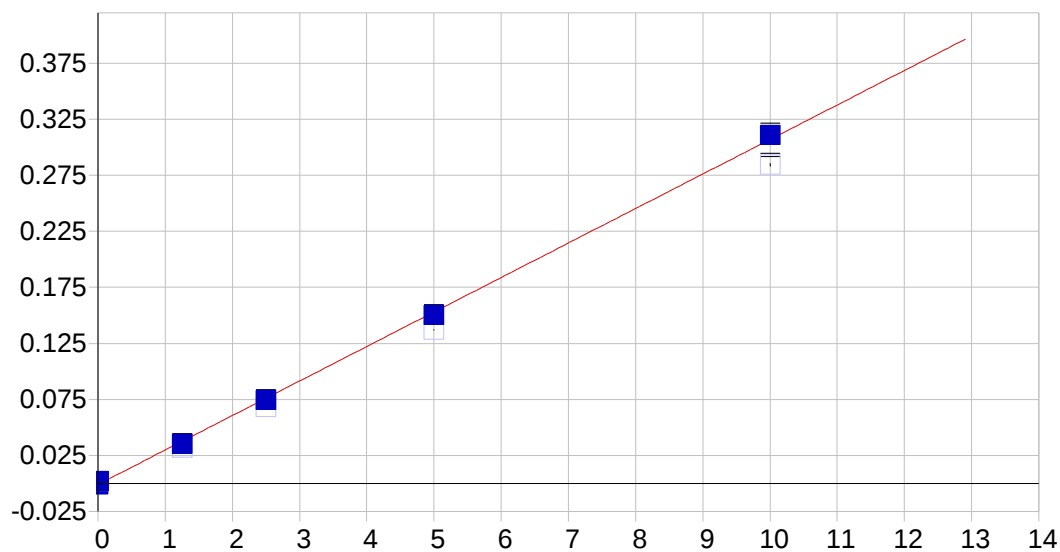


K 769.896 { 44}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014206 Re-Slope: 1.000000
 A1 (Gain): 0.025522 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000509
 Predicted MDL: 0.090702
 Predicted MQL: 0.302339

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.01421	.003	1
S1	5.0000	4.8446	-.155	-3.11	.13785	.002	1
S2	37.500	36.367	-1.13	-3.02	.94238	.009	1
S3	75.000	74.735	-.265	-.354	1.9216	.007	1
S4	150.00	149.63	-.367	-.245	3.8332	.019	1
S5	300.00	301.92	1.92	.640	7.7199	.027	1

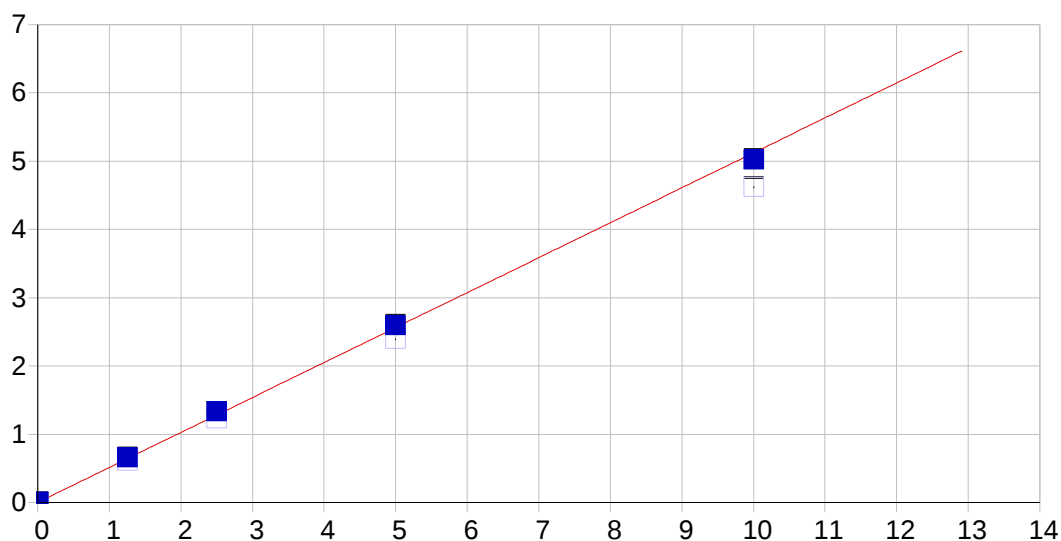


P 177.495 {490}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000936 Re-Slope: 1.000000
 A1 (Gain): 0.030793 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.981442 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.003615
 Predicted MQL: 0.012051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00094	.000	1
S1	.01000	.08672	.077	767.	.00171	.000	1
S2	1.2500	1.1728	-.077	-6.18	.03186	.000	1
S3	2.5000	2.4534	-.047	-1.86	.06797	.000	1
S4	5.0000	4.9152	-.085	-1.70	.13714	.000	1
S5	10.000	10.130	.130	1.30	.28444	.002	1

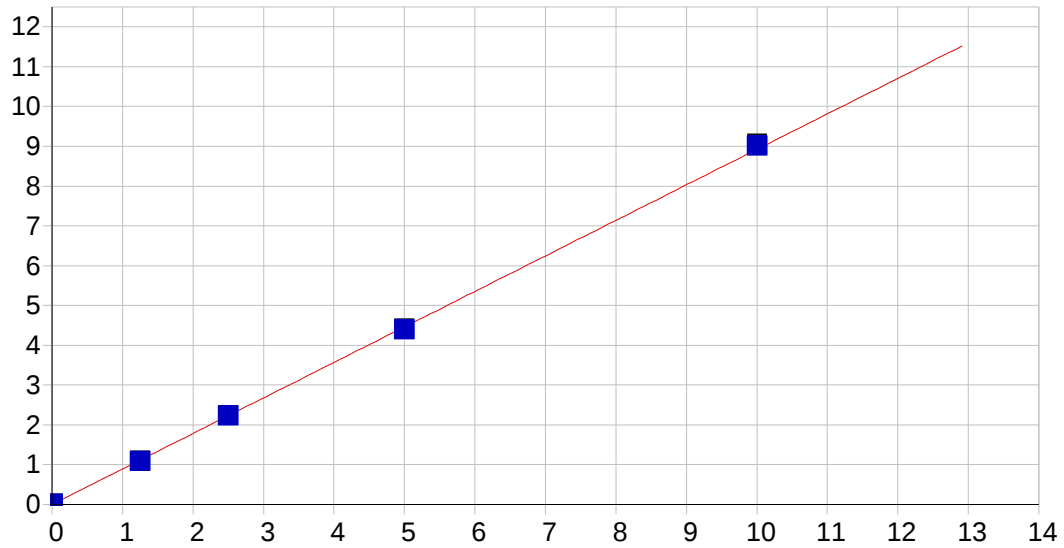


B 249.678 {135}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001230 Re-Slope: 1.000000
 A1 (Gain): 0.512178 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000191
 Predicted MDL: 0.001229
 Predicted MQL: 0.004096

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S1	.01000	.00962	.000	-3.80	.00605	.000	1
S2	1.2500	1.2825	.033	2.60	.60741	.006	1
S3	2.5000	2.5973	.097	3.89	1.2301	.003	1
S4	5.0000	5.0652	.065	1.30	2.3926	.014	1
S5	10.000	9.8054	-.195	-1.95	4.6177	.012	1

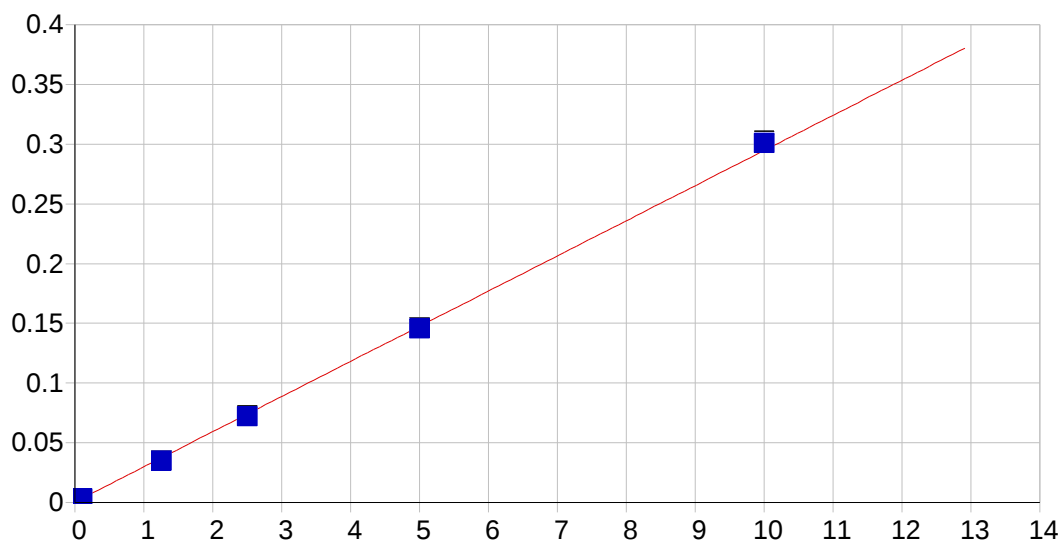


Mo 202.030 {467}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000928 Re-Slope: 1.000000
 A1 (Gain): 0.892105 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000194
 Predicted MDL: 0.000331
 Predicted MQL: 0.001105

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.01000	.01010	.000	.984	.00993	.000	1
S2	1.2500	1.2189	-.031	-2.49	1.0883	.004	1
S3	2.5000	2.4993	-.001	-.027	2.2305	.005	1
S4	5.0000	4.9226	-.077	-1.55	4.3922	.024	1
S5	10.000	10.109	.109	1.09	9.0189	.030	1

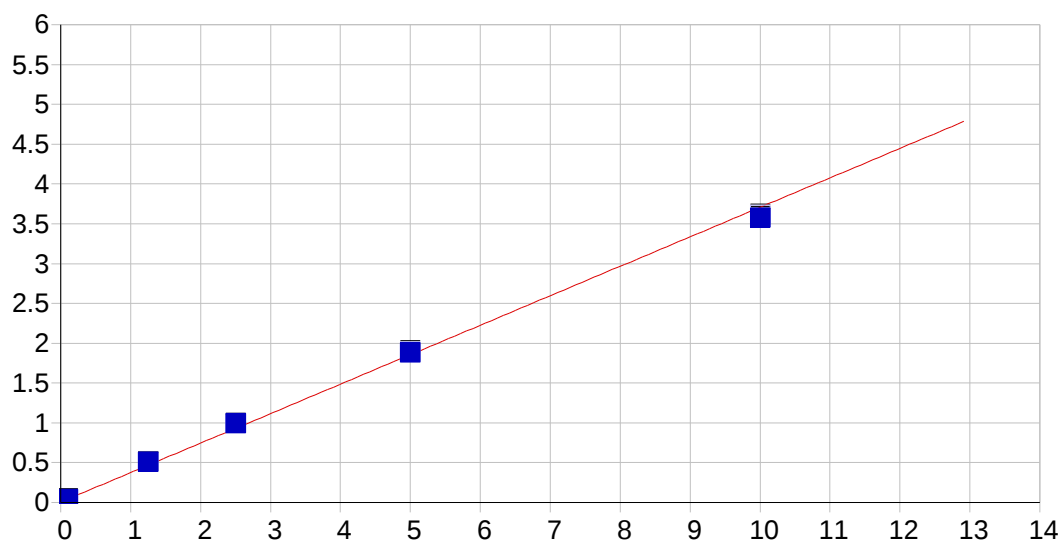


S 182.034 {485}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000446 Re-Slope: 1.000000
 A1 (Gain): 0.029425 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.004909
 Predicted MQL: 0.016363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00045	.000	1
S1	.10000	.09516	-.005	-4.84	.00325	.000	1
S2	1.2500	1.1647	-.085	-6.82	.03473	.000	1
S3	2.5000	2.4363	-.064	-2.55	.07216	.000	1
S4	5.0000	4.9396	-.060	-1.21	.14584	.001	1
S5	10.000	10.214	.214	2.14	.30110	.002	1

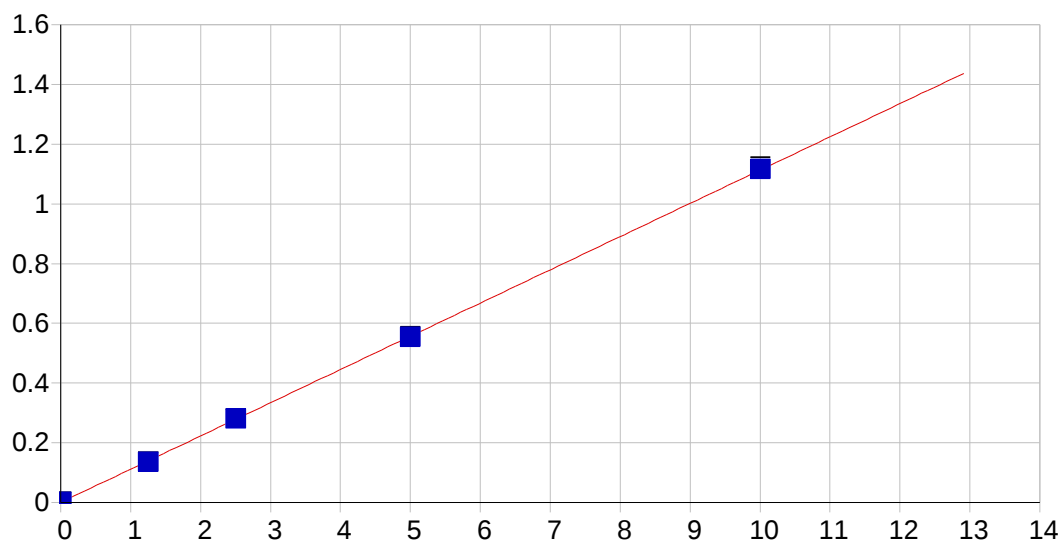


Si 251.611 {134}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005247 Re-Slope: 1.000000
 A1 (Gain): 0.370123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999139 Status: OK.
 Std Error of Est: 0.000823
 Predicted MDL: 0.001515
 Predicted MQL: 0.005051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00524	.000	1
S1	.10000	.10583	.006	5.83	.04454	.001	1
S2	1.2500	1.3567	.107	8.53	.51117	.004	1
S3	2.5000	2.6627	.163	6.51	.99835	.003	1
S4	5.0000	5.0710	.071	1.42	1.8973	.009	1
S5	10.000	9.6538	-.346	-3.46	3.6087	.012	1

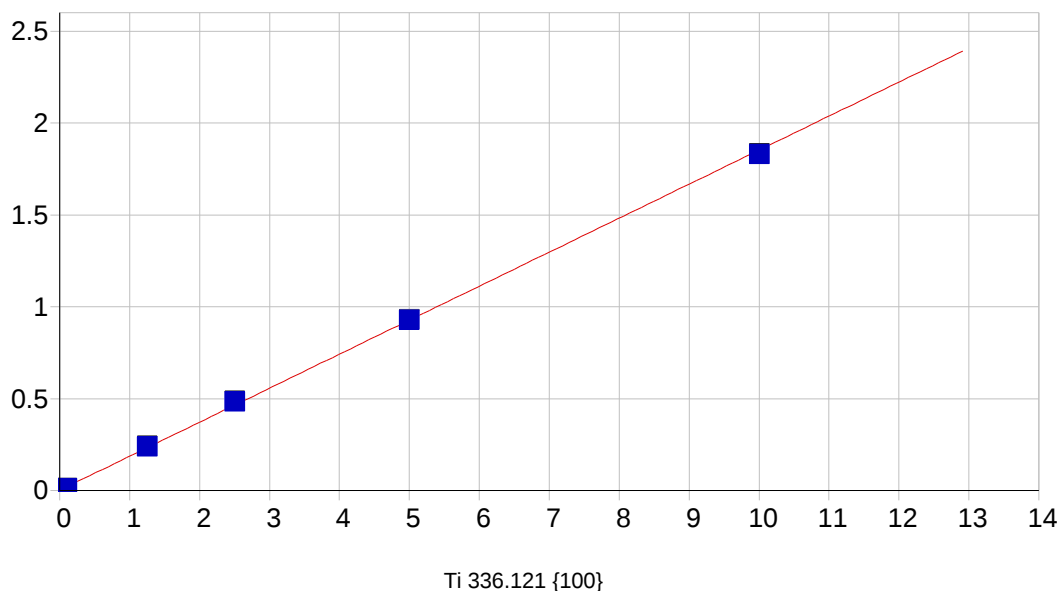


Sn 189.989 {478}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000425 Re-Slope: 1.000000
 A1 (Gain): 0.111251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000012
 Predicted MDL: 0.001284
 Predicted MQL: 0.004281

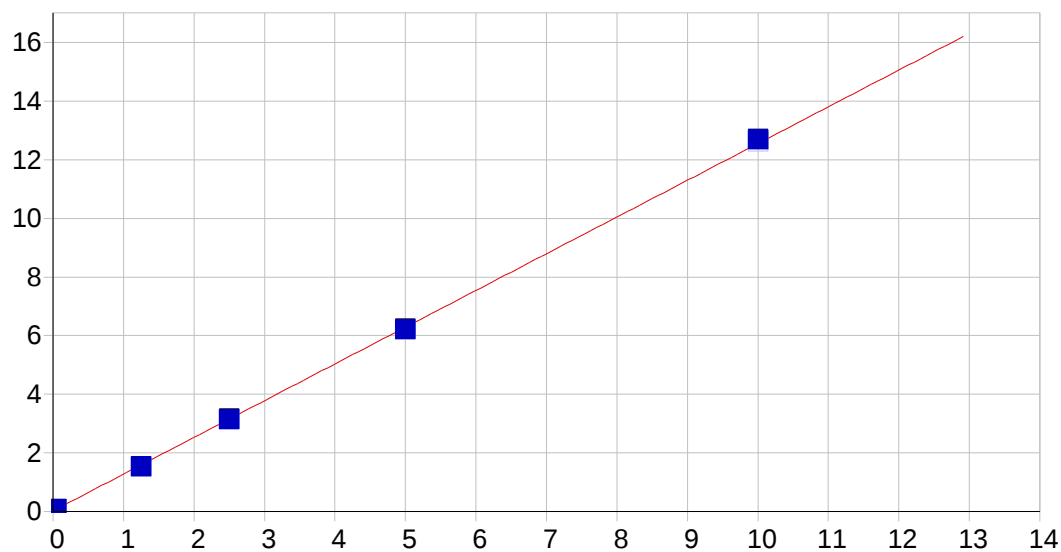
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.00700	.00583	-.001	-16.7	.00104	.000	1
S2	1.2500	1.2223	-.028	-2.22	.13610	.001	1
S3	2.5000	2.5153	.015	.614	.27964	.000	1
S4	5.0000	4.9789	-.021	-.423	.55310	.002	1
S5	10.000	10.035	.035	.346	1.1143	.008	1



Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001459 Re-Slope: 1.000000
 A1 (Gain): 0.185071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999277 Status: OK.
 Std Error of Est: 0.000374
 Predicted MDL: 0.003231
 Predicted MQL: 0.010770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00147	.001	1
S1	.10000	.05524	-.045	-44.8	.01168	.000	1
S2	1.2500	1.2835	.033	2.68	.23890	.002	1
S3	2.5000	2.6113	.111	4.45	.48457	.002	1
S4	5.0000	5.0148	.015	.296	.92921	.002	1
S5	10.000	9.8852	-.115	-1.15	1.8302	.003	1



Li 670.784 { 50}

Date of Fit: 8/28/2018 13:04:07 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.022773 Re-Slope: 1.000000
 A1 (Gain): 1.253101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000680
 Predicted MDL: 0.002033
 Predicted MQL: 0.006775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02278	.002	1
S5	10.000	10.109	.109	1.09	12.620	.013	1
S4	5.0000	4.9472	-.053	-1.06	6.1869	.011	1
S3	2.5000	2.4961	-.004	-.155	3.1331	.011	1
S2	1.2500	1.2016	-.048	-3.87	1.5197	.002	1
S1	.05000	.04609	-.004	-7.83	.08040	.002	1



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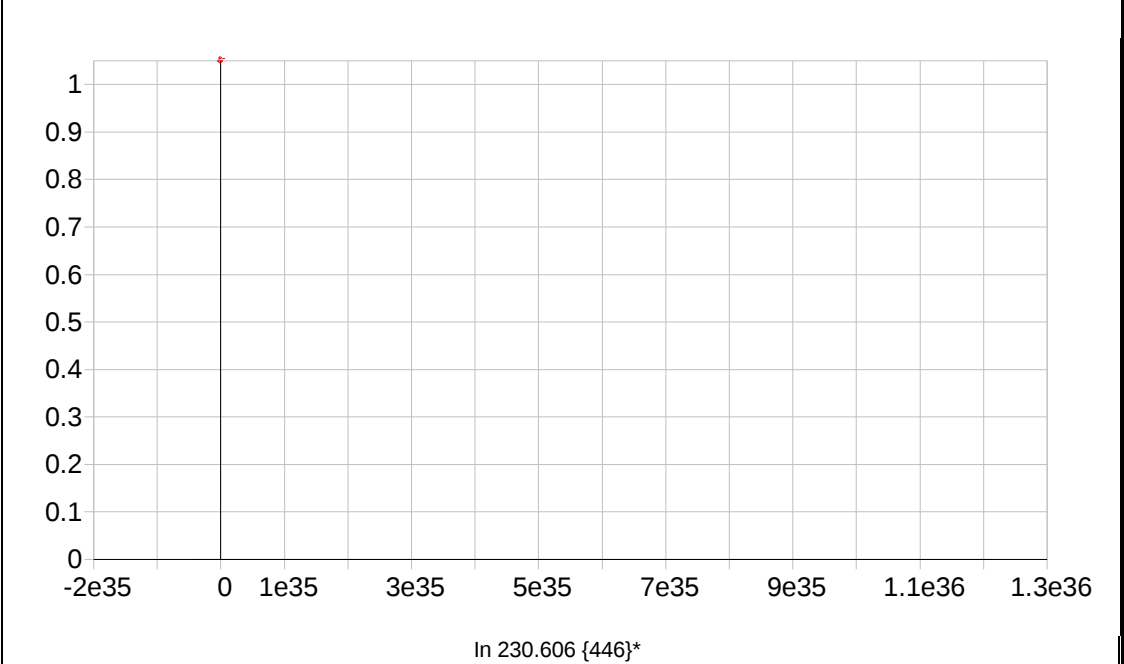




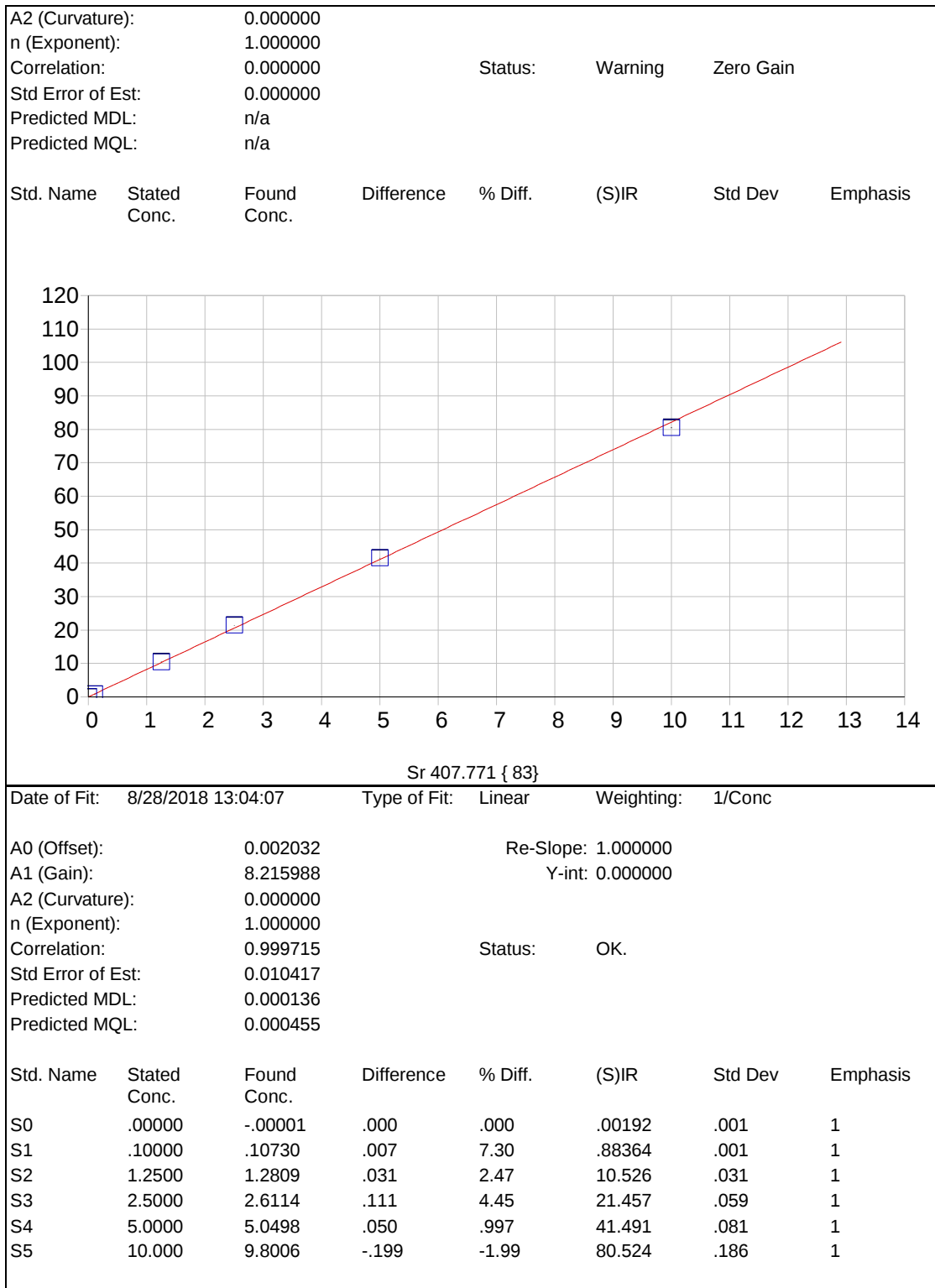


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 8/28/2018 12:24:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	-.00039	-.00072	-.00030	.00049	.00120	.00235	.00492	-.00323
Stddev	.00018	.00016	.00025	.00023	.00044	.00006	.00204	.00071
%RSD	45.650	21.770	83.749	47.549	36.722	2.4527	41.406	22.079

#1	-.00043	-.00088	-.00004	.00058	.00169	.00232	.00725	-.00401
#2	-.00055	-.00056	-.00054	.00023	.00108	.00242	.00409	-.00262
#3	-.00020	-.00072	-.00032	.00066	.00083	.00232	.00343	-.00305

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	.00109	.00189	.00000	-.00048	.00110	.00020	-.00005	-.00046
Stddev	.00033	.00027	.00006	.00026	.00056	.00017	.00016	.00035
%RSD	29.952	14.094	4611.8	54.664	50.926	84.693	351.48	76.736

#1	.00072	.00159	-.00006	-.00018	.00074	.00010	-.00021	-.00005
#2	.00135	.00206	.00006	-.00068	.00174	.00011	-.00005	-.00067
#3	.00120	.00204	.00001	-.00057	.00080	.00039	.00012	-.00066

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	-.00334	-.00132	-.00769	-.00017	-.00031	.01421	-.00094	.00123
Stddev	.00007	.00002	.00153	.00032	.00043	.00299	.00005	.00048
%RSD	2.2254	1.5539	19.917	181.90	140.22	21.034	5.0534	39.405

#1	-.00340	-.00130	-.00863	-.00003	.00011	.01631	-.00091	.00077
#2	-.00326	-.00133	-.00592	-.00054	-.00028	.01079	-.00099	.00118
#3	-.00337	-.00134	-.00851	.00005	-.00075	.01554	-.00091	.00174

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	.00093	.00045	.00524	.00042	.00147	.02278	.00192	
Stddev	.00015	.00009	.00016	.00006	.00066	.00244	.00068	
%RSD	16.035	20.075	3.0450	14.063	45.244	10.725	35.151	

#1	.00081	.00035	.00534	.00041	.00099	.02442	.00170	
#2	.00087	.00052	.00506	.00049	.00118	.02395	.00268	
#3	.00110	.00047	.00532	.00038	.00222	.01997	.00139	

Sample Name: S0 Acquired: 8/28/2018 12:24:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1643.3	2155.9	39792.	4940.7	3079.0
Stddev	14.2	2.5	134.	26.2	1.0
%RSD	.86238	.11379	.33702	.53055	.03361
#1	1636.4	2153.6	39773.	4940.8	3080.1
#2	1633.9	2155.7	39668.	4914.4	3078.0
#3	1659.6	2158.5	39934.	4966.8	3078.8

Sample Name: S1 Acquired: 8/28/2018 12:28:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	-.00011	.00059	.00135	.00371	.01328	.01811	.76262	.03812
Stddev	.00009	.00007	.00031	.00017	.00028	.00045	.00267	.00085
%RSD	78.052	11.750	23.229	4.5353	2.1010	2.4997	.34997	2.2270

#1	-.00022	.00066	.00114	.00390	.01348	.01815	.76153	.03821
#2	-.00005	.00060	.00171	.00364	.01296	.01764	.76066	.03892
#3	-.00007	.00052	.00120	.00358	.01340	.01854	.76566	.03723

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	.01685	.19708	.00174	.04053	.00391	.00179	.00299	.03153
Stddev	.00025	.00105	.00004	.00024	.00028	.00020	.00011	.00030
%RSD	1.5041	.53045	2.5820	.58823	7.0425	10.958	3.6268	.95158

#1	.01715	.19640	.00178	.04026	.00360	.00177	.00294	.03130
#2	.01671	.19655	.00174	.04066	.00412	.00161	.00291	.03187
#3	.01670	.19828	.00169	.04068	.00401	.00200	.00311	.03143

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	.02373	.00190	.02743	.00357	.00346	.13785	.00171	.00605
Stddev	.00038	.00011	.00257	.00011	.00058	.00184	.00016	.00023
%RSD	1.6043	5.7219	9.3774	3.0032	16.762	1.3350	9.1441	3.7917

#1	.02390	.00183	.02900	.00345	.00328	.13941	.00153	.00626
#2	.02329	.00202	.02446	.00361	.00299	.13582	.00181	.00581
#3	.02399	.00184	.02883	.00365	.00411	.13833	.00180	.00610

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	.00993	.00325	.04454	.00104	.01168	.08040	.88364	
Stddev	.00035	.00002	.00070	.00005	.00034	.00180	.00063	
%RSD	3.5113	.57521	1.5721	4.9823	2.8964	2.2357	.07175	

#1	.01028	.00326	.04492	.00103	.01173	.07881	.88360	
#2	.00994	.00326	.04374	.00110	.01199	.08235	.88429	
#3	.00958	.00322	.04497	.00100	.01132	.08003	.88303	

Sample Name: S1 Acquired: 8/28/2018 12:28:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1660.0	2171.2	40230.	4979.0	3130.4
Stddev	13.5	4.1	294.	22.7	5.6
%RSD	.81504	.18784	.73138	.45557	.17804
#1	1660.2	2171.5	40125.	4954.7	3130.1
#2	1673.4	2175.2	40563.	4999.6	3136.1
#3	1646.3	2167.1	40003.	4982.6	3125.0

Sample Name: S2 Acquired: 8/28/2018 12:32:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.04208	.06273	.93185	.10061	.23738	2.9095	8.9872	.92250
Stddev	.00017	.00039	.00275	.00050	.00022	.0245	.0314	.00634
%RSD	.41079	.62331	.29486	.49207	.09418	.84302	.34994	.68780

#1	.04192	.06231	.92901	.10056	.23745	2.9377	9.0234	.92982
#2	.04205	.06307	.93203	.10014	.23712	2.8973	8.9662	.91908
#3	.04226	.06282	.93450	.10113	.23755	2.8935	8.9720	.91859

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	1.8017	2.4093	.59202	.49096	.33886	.54949	.66651	.38091
Stddev	.0070	.0088	.00043	.00100	.00094	.00476	.00439	.00275
%RSD	.38941	.36688	.07309	.20432	.27785	.86712	.65936	.72124

#1	1.8008	2.4195	.59238	.49063	.33797	.55480	.67158	.38383
#2	1.7952	2.4043	.59214	.49017	.33984	.54557	.66421	.37838
#3	1.8091	2.4041	.59154	.49209	.33877	.54811	.66374	.38051

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	.39924	.09148	.24919	.04207	.19770	.94238	.03186	.60741
Stddev	.00107	.00096	.00223	.00028	.00239	.00890	.00035	.00600
%RSD	.26818	1.0524	.89357	.67624	1.2105	.94397	1.1143	.98742

#1	.39803	.09258	.24898	.04218	.20003	.95232	.03160	.61330
#2	.39963	.09103	.24707	.04175	.19782	.93965	.03171	.60131
#3	.40006	.09081	.25151	.04229	.19525	.93517	.03226	.60763

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	1.0883	.03473	.51117	.13610	.23890	1.5197	10.526
Stddev	.0042	.00006	.00357	.00068	.00150	.0017	.031
%RSD	.38103	.16555	.69913	.49907	.62936	.10921	.29686

#1	1.0852	.03475	.51530	.13548	.23722	1.5188	10.516
#2	1.0867	.03467	.50894	.13599	.24012	1.5216	10.561
#3	1.0930	.03477	.50929	.13683	.23937	1.5186	10.500

Sample Name: S2 Acquired: 8/28/2018 12:32:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1609.8	2090.5	39556.	4961.8	2968.4
Stddev	6.6	5.9	167.	18.2	5.0
%RSD	.40965	.28155	.42201	.36759	.16897
#1	1605.2	2096.7	39388.	4941.2	2971.4
#2	1606.8	2089.8	39558.	4968.3	2971.1
#3	1617.3	2085.0	39722.	4975.9	2962.6

Sample Name: S3 Acquired: 8/28/2018 12:36:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.08671	.12816	1.9138	.20484	.48428	5.9041	18.303	1.8459
Stddev	.00050	.00023	.0037	.00019	.00307	.0084	.049	.0052
%RSD	.57916	.17939	.19138	.09148	.63296	.14217	.26787	.28087

#1	.08724	.12813	1.9102	.20469	.48506	5.9120	18.360	1.8408
#2	.08624	.12794	1.9136	.20477	.48090	5.8953	18.278	1.8457
#3	.08663	.12840	1.9175	.20505	.48688	5.9051	18.272	1.8512

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	3.6619	4.8505	1.1943	1.0085	.68503	1.1003	1.3381	.77335
Stddev	.0067	.0164	.0010	.0031	.00121	.0023	.0045	.00195
%RSD	.18280	.33895	.08825	.30530	.17671	.20798	.33564	.25223

#1	3.6549	4.8688	1.1932	1.0065	.68568	1.1015	1.3428	.77445
#2	3.6625	4.8369	1.1944	1.0070	.68363	1.0977	1.3378	.77450
#3	3.6682	4.8458	1.1953	1.0121	.68578	1.1018	1.3338	.77110

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	.81704	.18822	.51214	.08432	.40094	1.9216	.06797	1.2301
Stddev	.00300	.00079	.00224	.00103	.00444	.0072	.00029	.0034
%RSD	.36731	.41870	.43759	1.2171	1.1070	.37481	.43326	.27347

#1	.81562	.18891	.51441	.08543	.40528	1.9259	.06800	1.2268
#2	.81502	.18736	.50993	.08341	.40112	1.9133	.06766	1.2300
#3	.82049	.18838	.51209	.08413	.39641	1.9256	.06825	1.2335

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.2305	.07216	.99835	.27964	.48457	3.1331	21.457	
Stddev	.0049	.00035	.00340	.00021	.00182	.0115	.059	
%RSD	.21895	.47910	.34084	.07633	.37591	.36655	.27480	

#1	2.2314	.07203	.99679	.27970	.48411	3.1450	21.481	
#2	2.2252	.07189	.99600	.27941	.48301	3.1221	21.390	
#3	2.2349	.07255	1.0022	.27982	.48657	3.1320	21.500	

Sample Name: S3 Acquired: 8/28/2018 12:36:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1531.8	1980.2	38155.	4840.8	2788.0
Stddev	10.8	3.1	158.	9.5	2.4
%RSD	.70557	.15458	.41493	.19722	.08589
#1	1519.4	1977.6	37977.	4845.5	2790.0
#2	1539.2	1983.6	38208.	4847.0	2788.5
#3	1536.9	1979.3	38279.	4829.8	2785.4

Sample Name: S4 Acquired: 8/28/2018 12:40:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.17278	.24832	3.7769	.38893	.95425	11.598	35.624	3.5165
Stddev	.00145	.00089	.0179	.00225	.00508	.067	.056	.0111
%RSD	.83854	.35719	.47270	.57757	.53206	.57884	.15844	.31591

#1	.17187	.24805	3.7628	.38769	.95092	11.640	35.662	3.5167
#2	.17202	.24760	3.7710	.38757	.95173	11.521	35.560	3.5053
#3	.17445	.24931	3.7970	.39152	.96009	11.634	35.652	3.5275

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	7.0939	9.3508	2.2846	1.9722	1.3162	2.1015	2.5525	1.5098
Stddev	.0203	.0234	.0042	.0065	.0014	.0113	.0073	.0104
%RSD	.28599	.24987	.18452	.32793	.10592	.53859	.28440	.68702

#1	7.0799	9.3585	2.2890	1.9700	1.3150	2.1103	2.5586	1.5131
#2	7.0845	9.3246	2.2806	1.9671	1.3159	2.0887	2.5445	1.4982
#3	7.1171	9.3694	2.2842	1.9795	1.3177	2.1055	2.5545	1.5182

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	1.6018	.37284	1.0117	.16279	.79125	3.8332	.13714	2.3926
Stddev	.0064	.00079	.0044	.00112	.00772	.0190	.00035	.0137
%RSD	.39710	.21299	.43776	.68589	.97565	.49549	.25417	.57190

#1	1.5970	.37206	1.0141	.16388	.79448	3.8482	.13691	2.3967
#2	1.5993	.37280	1.0066	.16165	.78244	3.8118	.13696	2.3774
#3	1.6090	.37365	1.0144	.16283	.79683	3.8394	.13754	2.4039

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.3922	.14584	1.8973	.55310	.92921	6.1869	41.491	
Stddev	.0236	.00064	.0087	.00191	.00242	.0110	.081	
%RSD	.53769	.43947	.45954	.34604	.26009	.17779	.19518	

#1	4.3763	.14604	1.9018	.55183	.92653	6.1873	41.579	
#2	4.3809	.14513	1.8873	.55216	.93124	6.1758	41.419	
#3	4.4193	.14636	1.9029	.55530	.92985	6.1977	41.475	

Sample Name: S4 Acquired: 8/28/2018 12:40:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1492.0	1916.1	38111.	4906.4	2681.2
Stddev	6.6	6.1	65.	24.2	4.8
%RSD	.44120	.31816	.16936	.49276	.17906
#1	1489.0	1920.6	38093.	4889.5	2685.3
#2	1499.6	1918.6	38182.	4934.1	2682.3
#3	1487.5	1909.2	38057.	4895.7	2675.9

Sample Name: S5 Acquired: 8/28/2018 12:44:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.35813	.48937	7.5710	.76635	1.9564	23.174	70.242	6.7760
Stddev	.00152	.00379	.0443	.00311	.0065	.046	.071	.0249
%RSD	.42373	.77357	.58542	.40526	.33427	.19836	.10086	.36691

#1	.35694	.48675	7.5479	.76319	1.9490	23.153	70.324	6.8042
#2	.35761	.48766	7.5429	.76646	1.9585	23.143	70.202	6.7571
#3	.35984	.49371	7.6221	.76940	1.9616	23.227	70.200	6.7667

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	14.033	18.295	4.4315	3.9389	2.6007	4.0489	4.9334	3.0030
Stddev	.064	.006	.0044	.0185	.0049	.0031	.0072	.0026
%RSD	.45800	.03370	.09949	.46860	.18849	.07571	.14650	.08513

#1	14.011	18.288	4.4334	3.9315	2.6029	4.0480	4.9391	3.0050
#2	13.982	18.298	4.4347	3.9253	2.6041	4.0464	4.9253	3.0001
#3	14.105	18.298	4.4265	3.9599	2.5951	4.0523	4.9359	3.0040

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1668	.74617	2.0026	.31712	1.6059	7.7199	.28444	4.6177
Stddev	.0165	.00420	.0061	.00103	.0112	.0273	.00156	.0121
%RSD	.52236	.56329	.30284	.32593	.69622	.35348	.54765	.26095

#1	3.1557	.74285	2.0058	.31609	1.6003	7.7170	.28360	4.6316
#2	3.1589	.75090	2.0063	.31816	1.5985	7.6941	.28348	4.6101
#3	3.1858	.74477	1.9956	.31711	1.6187	7.7485	.28624	4.6114

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	9.0189	.30110	3.6087	1.1143	1.8302	12.620	80.524	
Stddev	.0299	.00155	.0120	.0083	.0032	.013	.186	
%RSD	.33093	.51377	.33114	.74240	.17200	.10106	.23127	

#1	8.9925	.30010	3.6217	1.1097	1.8338	12.634	80.739	
#2	9.0129	.30031	3.5982	1.1094	1.8290	12.610	80.421	
#3	9.0513	.30288	3.6061	1.1239	1.8279	12.616	80.411	

Sample Name: S5 Acquired: 8/28/2018 12:44:21 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1388.2	1746.0	36979.	4819.1	2475.5
Stddev	9.8	4.8	47.	25.0	11.4
%RSD	.70364	.27467	.12753	.51843	.46109
#1	1390.5	1750.0	37033.	4794.3	2479.0
#2	1396.6	1747.4	36946.	4844.2	2484.7
#3	1377.5	1740.7	36958.	4818.8	2462.7

Sample Name: S6 Acquired: 8/28/2018 12:48:17 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	69.308	31.806	11.904	5.5016	6.2652
Stddev	.215	.088	.032	.0219	.0167
%RSD	.30998	.27561	.26902	.39794	.26701

#1	69.271	31.801	11.893	5.5029	6.2625
#2	69.115	31.720	11.878	5.4791	6.2500
#3	69.540	31.895	11.940	5.5229	6.2831

Int. Std.	Y_3710
Units	Cts/S
Avg	4494.2
Stddev	13.3
%RSD	.29594

#1	4479.0
#2	4503.9
#3	4499.6

Sample Name: ICV Acquired: 8/28/2018 12:52:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	1.029911	1.123185	1.041716	1.099216	1.001845	2.647419
Stddev	.007765	.005617	.000335	.003563	.001895	.018744
%RSD	.7539543	.5001055	.0321706	.3241541	.1891231	.7080208

#1	1.032633	1.118023	1.041834	1.103327	1.004016	2.653443
#2	1.021151	1.122365	1.041337	1.097300	1.000524	2.662411
#3	1.035948	1.129167	1.041975	1.097021	1.000997	2.626403

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5393537	.5384767	.5346169	10.22045	.5276835	.5227141
Stddev	.0011458	.0030878	.0014879	.03578	.0008544	.0020414
%RSD	.2124484	.5734262	.2783118	.3501089	.1619254	.3905399

#1	.5387034	.5399174	.5335151	10.21065	.5269542	.5216620
#2	.5406768	.5405808	.5340261	10.26012	.5274727	.5214134
#3	.5386811	.5349319	.5363094	10.19060	.5286236	.5250670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5375816	5.364060	.5215335	6.541427	.5397948	.5051768
Stddev	.0093692	.022424	.0028811	.048202	.0032470	.0012361
%RSD	1.742839	.4180354	.5524231	.7368799	.6015219	.2446779

#1	.5276430	5.373249	.5203269	6.513024	.5397211	.5061642
#2	.5462523	5.338502	.5194519	6.514174	.5365854	.5037906
#3	.5388495	5.380430	.5248217	6.597082	.5430781	.5055756

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.839939	.5448560	1.024894	10.02596	F .0112112	F .0218440
Stddev	.238985	.0080557	.013551	.10599	.0039862	.0006534
%RSD	2.428722	1.478500	1.322152	1.057157	35.55571	2.991216

#1	9.579388	.5356159	1.012123	9.93184	.0158105	.0211116
#2	9.891484	.5504034	1.023449	10.14077	.0090699	.0223671
#3	10.04895	.5485487	1.039109	10.00527	.0087533	.0220532

Sample Name: ICV Acquired: 8/28/2018 12:52:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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 -.000060	.0060383	.0069510	F -.000081	-.004412	.0126546
Stddev	.000330	.0008089	.0015618	.001444	.003018	.0017048
%RSD	551.5449	13.39678	22.46841	1773.397	68.40806	13.47147

#1	-.000359	.0057518	.0051546	.001180	-.001714	.0113955
#2	.000294	.0054116	.0079866	-.001656	-.007671	.0119738
#3	-.000115	.0069515	.0077117	.000232	-.003850	.0145946

Elem	Sr4077
Units	ppm
Avg	.0123365
Stddev	.0001049
%RSD	.8501319

#1	.0123118
#2	.0122462
#3	.0124516

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.390	2173.286	40856.63	5082.377	3116.232
Stddev	2.389	6.478	38.32	32.259	11.110
%RSD	.1418088	.2980746	.0937858	.6347232	.3565244

#1	1682.316	2175.985	40877.67	5070.108	3122.406
#2	1683.853	2177.979	40812.40	5058.053	3122.884
#3	1687.001	2165.895	40879.81	5118.970	3103.406

Sample Name: ICB Acquired: 8/28/2018 12:56:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	-.000377	.0008494	.0009214	.0007521	-.000841	-.006152
Stddev	.000721	.0006170	.0016851	.0022217	.001079	.008141
%RSD	191.0631	72.63723	182.8735	295.4045	128.3968	132.3287

#1	-.001168	.0002924	-.000520	.0029863	-.001777	-.011467
#2	.000242	.0007432	.002774	-.001457	.000340	-.010210
#3	-.000206	.0015126	.000510	.000727	-.001085	.003220

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007918	.0001674	-.000102	.0209242	.0001721	.0001339
Stddev	.0006673	.0000819	.000015	.0144425	.0004149	.0004130
%RSD	84.27703	48.89645	14.49968	69.02294	241.0656	308.5275

#1	.0007929	.0001827	-.000086	.0289878	.0001810	-.000320
#2	.0001239	.0002406	-.000114	.0042504	-.000247	.000233
#3	.0014585	.0000790	-.000108	.0295344	.000583	.000488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008839	-.022508	.0004627	.0352545	.0001211	.0006873
Stddev	.0014548	.010095	.0017755	.0745877	.0006076	.0001661
%RSD	164.5899	44.84959	383.7617	211.5691	501.8427	24.16021

#1	.0000185	-.023181	-.000307	-.050274	-.000000	.0008776
#2	.0000697	-.012093	-.000798	.086791	.000780	.0006124
#3	.0025636	-.032249	.002493	.069247	-.000417	.0005720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.026350	.0032896	.0010448	.1647052	-.004296	F .0104983
Stddev	.140145	.0044595	.0059885	.0505434	.002353	.0015639
%RSD	531.8587	135.5633	573.1681	30.68717	54.75641	14.89718

#1	.046093	-.001794	.0002855	.1134633	-.006365	.0118557
#2	-.187890	.005121	.0073767	.1661324	-.004787	.0108512
#3	.062746	.006542	-.004528	.2145198	-.001737	.0087881

Sample Name: ICB Acquired: 8/28/2018 12:56:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	-.000242	-.001661	.0011166	.0018024	-.003150	.0026480
Stddev	.000082	.005076	.0015978	.0007260	.000507	.0019166
%RSD	33.83274	305.5430	143.1014	40.27790	16.08291	72.37893

#1	-.000332	-.003360	-.000724	.0026378	-.003723	.0048277
#2	-.000172	.004046	.001933	.0013245	-.002965	.0018895
#3	-.000222	-.005670	.002142	.0014449	-.002762	.0012267

Elem	Sr4077
Units	ppm
Avg	-.000039
Stddev	.000049
%RSD	124.8214

#1	-.000094
#2	.000002
#3	-.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.333	2152.646	40400.65	5019.467	3061.684
Stddev	8.412	7.997	47.91	7.950	15.173
%RSD	.5039026	.3714825	.1185961	.1583875	.4955658

#1	1672.906	2147.670	40410.74	5012.650	3058.924
#2	1675.369	2161.870	40442.72	5028.200	3078.048
#3	1659.725	2148.397	40348.50	5017.550	3048.082

Sample Name: ICSA Acquired: 8/28/2018 13:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	-.002678	-.004532	-.001528	-.011244	.0045554	247.9703
Stddev	.006581	.005372	.001024	.003688	.0015404	.7170
%RSD	245.7730	118.5218	67.00779	32.79775	33.81559	.2891516

#1	.004921	-.009273	-.000894	-.009923	.0033713	248.7553
#2	-.006414	.001303	-.002709	-.015411	.0062970	247.8056
#3	-.006539	-.005627	-.000981	-.008399	.0039980	247.3500

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059917	.0010786	-.000067	237.7940	.0523973	-.000170
Stddev	.0006976	.0000447	.000015	.3974	.0004200	.000101
%RSD	11.64294	4.142585	22.80492	.1671131	.8015997	59.69422

#1	.0056695	.0011182	-.000050	238.0333	.0523888	-.000055
#2	.0055134	.0010302	-.000070	237.3353	.0519816	-.000245
#3	.0067921	.0010876	-.000080	238.0134	.0528215	-.000209

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009455	98.42188	.0135470	257.8635	.0038348	.0021729
Stddev	.006513	.23143	.0011029	.7747	.0003875	.0004660
%RSD	68.88992	.2351394	8.141486	.3004178	10.10507	21.44661

#1	-.007474	98.37120	.0130925	258.0866	.0035026	.0027000
#2	-.016728	98.21999	.0148045	257.0018	.0042606	.0018156
#3	-.004161	98.67444	.0127439	258.5022	.0037413	.0020030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2865567	.0027249	-.006382	.0209861	.0002923	F .0843925
Stddev	.3391476	.0023671	.009227	.0568926	.0019484	.0019680
%RSD	118.3527	86.86935	144.5625	271.0963	666.5643	2.331919

#1	.5560160	.0000929	-.004048	.0281902	.0021166	.0850229
#2	-.094272	.0046795	.001453	-.039165	.0005204	.0859681
#3	.397926	.0034024	-.016552	.073934	-.001760	.0821866

Sample Name: ICSA Acquired: 8/28/2018 13:07:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.0012949	.0224637	-.001154	-.004325	-.008011	.0041670
Stddev	.0002864	.0100193	.001330	.001106	.001124	.0014530
%RSD	22.11937	44.60201	115.1616	25.57916	14.03510	34.87035

#1	.0013932	.0137430	-.001102	-.005453	-.008629	.0050167
#2	.0015192	.0202403	-.002509	-.003242	-.008690	.0049951
#3	.0009722	.0334079	.000148	-.004281	-.006713	.0024892

Elem	Sr4077
Units	ppm
Avg	.1038107
Stddev	.0003838
%RSD	.3696982

#1	.1042538
#2	.1035834
#3	.1035949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.412	2025.597	38331.05	4952.636	2764.866
Stddev	6.440	5.917	125.04	17.160	3.218
%RSD	.4143334	.2921076	.3262090	.3464904	.1163892

#1	1549.765	2022.182	38365.66	4934.523	2766.635
#2	1551.707	2032.429	38192.35	4968.650	2766.812
#3	1561.764	2022.180	38435.14	4954.736	2761.152

Sample Name: ICSAB Acquired: 8/28/2018 13:11:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.1028279	.1070604	.0482350	.0402771	.6206167	242.1952
Stddev	.0039214	.0059008	.0023260	.0011772	.0031629	.9644
%RSD	3.813543	5.511632	4.822263	2.922767	.5096400	.3981977

#1	.1015834	.1136795	.0504267	.0389853	.6224275	241.2661
#2	.0996798	.1023507	.0457946	.0405566	.6169645	242.1281
#3	.1072206	.1051511	.0484837	.0412894	.6224580	243.1915

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5564781	.5466415	1.070682	233.2390	.5934112	.5280535
Stddev	.0016537	.0010078	.001993	.9605	.0019549	.0008959
%RSD	.2971747	.1843567	.1861142	.4117925	.3294314	.1696625

#1	.5555568	.5455239	1.070822	232.7295	.5912590	.5272703
#2	.5554902	.5469198	1.068623	232.6406	.5950767	.5278596
#3	.5583873	.5474810	1.072601	234.3468	.5938981	.5290304

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258549	96.41385	.5342963	252.9983	1.092281	.1617976
Stddev	.0086722	.40308	.0024397	.7151	.002667	.0000968
%RSD	1.649166	.4180772	.4566236	.2826338	.2441599	.0598485

#1	.5331442	96.34061	.5363322	253.0667	1.094114	.1617972
#2	.5162641	96.05241	.5315921	252.2515	1.089221	.1617009
#3	.5281564	96.84853	.5349648	253.6767	1.093508	.1618946

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346868	.5470388	1.029255	-.002135	.0111025	F .0787751
Stddev	.1154127	.0034412	.023703	.077993	.0057786	.0006171
%RSD	332.7276	.6290662	2.302881	3652.832	52.04724	.7833665

#1	.0052849	.5453440	1.055622	.086624	.0048280	.0785551
#2	-.063181	.5509988	1.009715	-.059717	.0162056	.0782981
#3	.161957	.5447737	1.022429	-.033312	.0122740	.0794720

Sample Name: ICSAB Acquired: 8/28/2018 13:11:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.0039052	.0095021	.0006072	-.003637	-.005666	.0024168
Stddev	.0005243	.0066792	.0008957	.003067	.001320	.0018068
%RSD	13.42571	70.29107	147.5039	84.31909	23.29330	74.76051

#1	.0033589	.0076881	-.000218	-.006701	-.004257	.0004912
#2	.0039526	.0169009	.001560	-.000568	-.005868	.0040751
#3	.0044043	.0039174	.000480	-.003641	-.006873	.0026841

Elem	Sr4077
Units	ppm
Avg	.1018965
Stddev	.0003448
%RSD	.3384140

#1	.1018794
#2	.1015606
#3	.1022496

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.598	2030.257	38683.65	4971.170	2774.559
Stddev	6.168	1.045	23.55	21.067	6.782
%RSD	.3929630	.0514752	.0608747	.4237826	.2444467

#1	1562.911	2029.451	38710.73	4995.479	2768.125
#2	1570.818	2031.438	38667.94	4959.805	2781.643
#3	1575.065	2029.884	38672.29	4958.225	2773.909

Sample Name: CCV007 Acquired: 8/28/2018 13:15:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.189116	5.263316	26.40261	4.962124	5.197896	408.7004	10.66198
Stddev	.026538	.014872	.08305	.015911	.019974	1.3240	.03452
%RSD	.5114233	.2825585	.3145521	.3206590	.3842735	.3239566	.3238119

#1	5.160065	5.253988	26.33846	4.955590	5.184280	409.3283	10.68502
#2	5.195199	5.255493	26.37296	4.950521	5.188582	407.1792	10.62229
#3	5.212085	5.280466	26.49642	4.980263	5.220826	409.5936	10.67864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5240249	2.616364	402.9829	15.98128	2.638708	15.73862	399.6461
Stddev	.0008294	.006139	.9592	.01640	.005884	.07557	1.3755
%RSD	.1582746	.2346232	.2380208	.1026000	.2229730	.4801858	.3441845

#1	.5248887	2.611810	403.6769	15.96773	2.632700	15.82568	400.9370
#2	.5239511	2.613938	401.8884	15.97660	2.638965	15.70039	398.1993
#3	.5232348	2.623345	403.3833	15.99951	2.644458	15.68981	399.8021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40867	409.0322	2.686499	1.316834	411.6455	2.616088	15.39284
Stddev	.06071	1.6980	.008140	.003329	1.8158	.017798	.04875
%RSD	.3939761	.4151181	.3029927	.2527666	.4410966	.6803314	.3167249

#1	15.47244	410.7801	2.683249	1.313884	412.4622	2.634459	15.43872
#2	15.35158	407.3890	2.680487	1.316174	409.5648	2.598924	15.34165
#3	15.40200	408.9275	2.695762	1.320442	412.9095	2.614882	15.39816

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	162.9660	5.479010	5.318172	5.153584	5.428054	5.156216	5.360405
Stddev	.3438	.042127	.009018	.018563	.028641	.006665	.007442
%RSD	.2109430	.7688869	.1695710	.3602024	.5276544	.1292706	.1388416

#1	163.1883	5.434271	5.308165	5.138640	5.396499	5.153974	5.352068
#2	162.5700	5.484841	5.325670	5.147749	5.452407	5.150960	5.362768
#3	163.1396	5.517918	5.320680	5.174364	5.435257	5.163713	5.366380

Sample Name: CCV007 Acquired: 8/28/2018 13:15:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.284739	5.417438	5.307284
Stddev	.018614	.014061	.019687
%RSD	.3522246	.2595433	.3709455

#1	5.306152	5.430538	5.329938
#2	5.275649	5.402582	5.294316
#3	5.272417	5.419194	5.297599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1437.985	1820.840	37043.71	4817.806	2473.467
Stddev	1.270	5.330	58.34	13.825	5.464
%RSD	.0883062	.2927173	.1574858	.2869499	.2208984

#1	1437.787	1826.724	36977.36	4806.834	2479.775
#2	1436.826	1819.458	37086.98	4813.249	2470.197
#3	1439.343	1816.337	37066.78	4833.333	2470.430

Sample Name: CCB007 Acquired: 8/28/2018 13:19:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008295	-.003182	.0000495	.0036478	-.000963	.0043389
Stddev	.0042263	.002361	.0012623	.0013576	.002131	.0043483
%RSD	509.4830	74.17967	2547.684	37.21656	221.2364	100.2161

#1	-.000854	-.002523	.0012552	.0052153	.001402	.0006350
#2	-.002296	-.001221	.0001561	.0028766	-.002733	.0032551
#3	.005638	-.005802	-.001263	.0028514	-.001558	.0091266

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003535	.0000940	-.000008	.0088475	.0001475	.0000359
Stddev	.0003640	.0000817	.000046	.0041666	.0002904	.0001217
%RSD	102.9809	86.96513	538.2207	47.09396	196.8216	338.5329

#1	.0002385	.0001602	.000044	.0044392	.0004734	.0001578
#2	.0007611	.0001192	-.000042	.0093823	-.000084	.0000355
#3	.0000608	.0000026	-.000027	.0127208	.000053	-.000086

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042962	-.007606	.0001954	.0264575	.0002270	.0007118
Stddev	.0027489	.021438	.0018111	.0171148	.0000461	.0006957
%RSD	63.98462	281.8534	927.0959	64.68787	20.29998	97.73507

#1	.0068040	-.019134	.0018907	.0098640	.0002163	.0002557
#2	.0047276	-.020814	-.001713	.0254586	.0001871	.0015126
#3	.0013571	.017130	.000408	.0440498	.0002774	.0003672

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015690	-.000627	.0042281	.1582961	-.004186	F .0175502
Stddev	.121250	.002567	.0027965	.0665367	.001008	.0014236
%RSD	772.7947	409.1688	66.14202	42.03308	24.07291	8.111725

#1	.089007	-.001686	.0012015	.2349652	-.004585	.0185770
#2	.012463	.002299	.0067163	.1156578	-.003040	.0181487
#3	-.148540	-.002495	.0047665	.1242654	-.004932	.0159251

Sample Name: CCB007 Acquired: 8/28/2018 13:19:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000202	.0017944	.0008528	.0006348	.0011014	.0017201
Stddev	.0002472	.0042933	.0007017	.0010825	.0013442	.0021387
%RSD	1223.690	239.2564	82.28875	170.5196	122.0354	124.3306

#1	-.000260	.0043551	.0016291	.0014879	.0010647	.0037270
#2	.000209	-.003162	.0002635	.0009995	-.000224	-.000530
#3	.000111	.004190	.0006658	-.000583	.002464	.001963

Elem	Sr4077
Units	ppm
Avg	-.000083
Stddev	.000083
%RSD	100.3954

#1	-.000032
#2	-.000179
#3	-.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.916	2116.236	39839.55	4969.350	3012.512
Stddev	5.845	6.678	72.05	9.789	4.463
%RSD	.3549153	.3155765	.1808439	.1969874	.1481563

#1	1640.656	2115.332	39759.01	4964.675	3012.374
#2	1647.861	2123.320	39861.74	4962.775	3017.043
#3	1652.231	2110.055	39897.89	4980.600	3008.120

Sample Name: PB112440BL Acquired: 8/28/2018 13:23:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000743	.0002631	.0003310	.0031115	-.002742	.0012789	.0002078
Stddev	.003154	.0025045	.0005081	.0012756	.001067	.0047606	.0004773
%RSD	424.3791	952.0757	153.5077	40.99727	38.91967	372.2531	229.7235

#1	-.002940	.0029266	-.000238	.0028579	-.001687	.0027901	-.000019
#2	-.002159	-.000093	.000738	.0019817	-.002718	.0051003	.000756
#3	.002870	-.002044	.000493	.0044949	-.003821	-.004054	-.000114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001205	-.000030	.0190622	.0000216	.0002343	.0027936	-.010101
Stddev	.0000788	.000127	.0088098	.0003114	.0000516	.0009392	.013046
%RSD	65.42502	416.4414	46.21634	1441.941	22.03151	33.62185	129.1588

#1	.0001723	.000039	.0090924	.0003117	.0001935	.0017743	.004957
#2	.0001594	-.000176	.0222958	-.000307	.0002170	.0029822	-.017998
#3	.0000298	.000046	.0257982	.000061	.0002923	.0036241	-.017261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000367	.0274332	.0002825	.0002382	.0331825	-.001703	.0052554
Stddev	.001078	.0872289	.0002579	.0003023	.2049170	.002157	.0029063
%RSD	293.9535	317.9689	91.31170	126.8848	617.5444	126.6513	55.30130

#1	-.001611	.0173945	.0003240	.0005414	-.161845	-.002475	.0062550
#2	.000300	.1192471	.0000063	.0002363	.246732	.000734	.0075299
#3	.000210	-.054342	.0005171	-.000063	.014660	-.003369	.0019812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730234	-.004337	.0074293	-.000230	-.003309	.0011376	-.000606
Stddev	.0580830	.003119	.0002080	.000288	.000892	.0007945	.001233
%RSD	79.54024	71.92433	2.800018	124.9333	26.94685	69.83925	203.3898

#1	.1360772	-.007358	.0073444	-.000105	-.004003	.0009104	-.000942
#2	.0612902	-.004526	.0072772	-.000027	-.003621	.0004814	-.001637
#3	.0217027	-.001128	.0076664	-.000559	-.002303	.0020209	.000760

Sample Name: PB112440BL Acquired: 8/28/2018 13:23:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003557	-.002950	-.000069
Stddev	.001295	.002014	.000006
%RSD	36.41408	68.27295	9.116577

#1	-.005052	-.000708	-.000074
#2	-.002776	-.003536	-.000062
#3	-.002844	-.004607	-.000070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.972	2134.059	39839.25	5001.333	3041.228
Stddev	7.420	6.042	111.25	3.347	8.217
%RSD	.4532856	.2831201	.2792500	.0669175	.2701943

#1	1644.077	2136.270	39743.58	4998.900	3049.116
#2	1637.565	2138.684	39961.33	4999.950	3041.850
#3	1629.272	2127.223	39812.84	5005.150	3032.717

Sample Name: PB112440BS Acquired: 8/28/2018 13:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188567	.0508544	.0195341	.0735641	.1159365	.3900266
Stddev	.0003608	.0038196	.0025564	.0046866	.0015955	.0023942
%RSD	1.913382	7.510831	13.08694	6.370807	1.376176	.6138505

#1	.0191272	.0492349	.0209101	.0746256	.1141925	.3875002
#2	.0184471	.0552169	.0165844	.0776288	.1173227	.3922619
#3	.0189958	.0481114	.0211077	.0684377	.1162943	.3903177

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3967042	.0109146	.0100486	9.351847	.0208576	.0940226
Stddev	.0027387	.0000873	.0001305	.025782	.0001672	.0001931
%RSD	.6903614	.7994055	1.298537	.2756935	.8014235	.2053776

#1	.3944093	.0108481	.0099206	9.327326	.0210250	.0939895
#2	.3997360	.0110134	.0100439	9.378728	.0206907	.0938482
#3	.3959674	.0108822	.0101814	9.349487	.0208571	.0942301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450752	.1901268	.0304908	10.25629	.0797610	.0199274
Stddev	.0059860	.0152370	.0014494	.15742	.0004336	.0001936
%RSD	13.28006	8.014136	4.753389	1.534839	.5436613	.9715253

#1	.0502698	.1878917	.0321491	10.42158	.0797343	.0201490
#2	.0385289	.2063580	.0298572	10.23914	.0793413	.0197911
#3	.0464268	.1761309	.0294662	10.10815	.0802074	.0198421

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.902522	.1067737	.1250319	9.155080	F .1750161	F .0236400
Stddev	.038677	.0052848	.0036082	.089881	.0049414	.0015226
%RSD	.4344478	4.949526	2.885858	.9817644	2.823412	6.440637

#1	8.899043	.1039411	.1209176	9.140173	.1780587	.0252496
#2	8.865702	.1035091	.1276580	9.073584	.1693145	.0222228
#3	8.942821	.1128710	.1265200	9.251483	.1776751	.0234474

Sample Name: PB112440BS Acquired: 8/28/2018 13:27:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187438	.1885932	.1937061	F .0113551	.0951848	.0860610
Stddev	.0001475	.0024354	.0013920	.0017665	.0014733	.0009162
%RSD	.7866747	1.291374	.7186321	15.55668	1.547835	1.064632

#1	.0185736	.1907544	.1921644	.0124131	.0952825	.0865093
#2	.0188326	.1859543	.1948707	.0123363	.0966067	.0866669
#3	.0188252	.1890710	.1940832	.0093158	.0936650	.0850070

Elem	Sr4077
Units	ppm
Avg	.1969541
Stddev	.0003666
%RSD	.1861130

#1	.1970453
#2	.1965506
#3	.1972665

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.340	2164.737	40773.61	5089.950	3116.563
Stddev	7.677	6.817	164.29	21.003	5.060
%RSD	.4571682	.3149065	.4029229	.4126289	.1623591

#1	1670.682	2163.312	40584.94	5108.825	3114.211
#2	1682.020	2172.154	40885.09	5093.700	3122.371
#3	1685.318	2158.746	40850.79	5067.325	3113.107

Sample Name: PB112440TB Acquired: 8/28/2018 13:31:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000506	.0007106	.0015495	.0017258	-.000895	.0072985	.0007386
Stddev	.001628	.0018819	.0023884	.0022940	.002423	.0077427	.0005714
%RSD	321.5357	264.8424	154.1409	132.9225	270.7853	106.0860	77.35148

#1	-.001075	.0013719	.0027198	.0017993	-.000270	.0161198	.0013855
#2	.001330	-.001413	-.001198	-.000604	.001154	.0041479	.0003028
#3	-.001774	.002172	.003127	.003982	-.003569	.0016278	.0005277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001500	-.000100	.0230621	.0003875	.0002084	-.000500	-.022050
Stddev	.0000599	.000102	.0170965	.0003160	.0000617	.001063	.014066
%RSD	39.92530	102.0481	74.13271	81.52912	29.59404	212.7275	63.79303

#1	.0002137	-.000012	.0169505	.0001555	.0002765	.000161	-.034430
#2	.0001417	-.000076	.0098612	.0007474	.0001923	-.001726	-.024966
#3	.0000948	-.000212	.0423745	.0002597	.0001564	.000066	-.006754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007182	.0101442	.0004701	.0000688	.0085992	-.000018	.0051888
Stddev	.0007906	.0554776	.0004319	.0001888	.2583890	.003189	.0034266
%RSD	110.0715	546.8904	91.86955	274.4764	3004.793	17889.96	66.03804

#1	-.000147	-.053355	.0000207	.0000226	.0812137	-.002550	.0013561
#2	.000900	.034566	.0008820	.0002765	-.278328	-.001067	.0079561
#3	.001402	.049221	.0005077	-.000093	.222912	.003564	.0062541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358231	-.004150	.0031330	-.000413	-.000348	.0007953	-.001130
Stddev	.0312766	.004385	.0007119	.000100	.005149	.0011006	.001306
%RSD	87.30862	105.6538	22.72306	24.14896	1479.619	138.3854	115.5548

#1	.0719311	-.002765	.0033893	-.000299	-.005402	.0003269	.000363
#2	.0183860	-.009060	.0023284	-.000484	-.000532	.0020526	-.001691
#3	.0171520	-.000625	.0036813	-.000455	.004891	.0000064	-.002061

Sample Name: PB112440TB Acquired: 8/28/2018 13:31:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001899	-.005944	-.000013
Stddev	.002788	.001173	.000012
%RSD	146.8444	19.73627	90.45537

#1	.000886	-.005076	.000001
#2	-.004691	-.007279	-.000020
#3	-.001892	-.005478	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1660.263	2142.427	40123.28	5002.142	3044.650
Stddev	8.486	8.562	106.60	13.905	13.884
%RSD	.5111185	.3996554	.2656709	.2779822	.4560047

#1	1650.594	2141.900	40001.77	5002.575	3049.168
#2	1666.475	2151.240	40201.04	4988.025	3055.713
#3	1663.719	2134.139	40167.04	5015.825	3029.070

Sample Name: J4604-01 Acquired: 8/28/2018 13:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0788458	-.001240	2.356805	-.019188	-.003043	52.65746	.0390293
Stddev	.0033842	.005179	.013940	.000355	.001082	.39108	.0005700
%RSD	4.292217	417.5784	.5914692	1.849951	35.56625	.7426940	1.460531

#1	.0811377	-.006581	2.364087	-.018862	-.002061	53.10833	.0392949
#2	.0749588	.003759	2.340732	-.019566	-.002865	52.45390	.0394181
#3	.0804409	-.000898	2.365595	-.019137	-.004203	52.41014	.0383750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352336	.0318138	217.5292	.0063367	.5547948	1.264329	106.1542
Stddev	.0005629	.0002321	1.4234	.0003926	.0031694	.003176	.8123
%RSD	1.597568	.7294424	.6543323	6.195179	.5712662	.2512388	.7652464

#1	.0357379	.0318997	219.1596	.0058951	.5568316	1.267947	107.0772
#2	.0353364	.0315510	216.8942	.0066461	.5511433	1.261994	105.8375
#3	.0346263	.0319906	216.5340	.0064689	.5564096	1.263049	105.5480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.10890	28.32316	.1105314	.0026209	5.173179	.2177165	1.497395
Stddev	.16886	.35864	.0012795	.0002399	.182861	.0023102	.015304
%RSD	.8397161	1.266249	1.157598	9.152256	3.534798	1.061087	1.022074

#1	20.29956	28.73720	.1119776	.0028903	5.133075	.2197983	1.514968
#2	20.04893	28.12350	.1095465	.0024304	5.372764	.2152311	1.490223
#3	19.97821	28.10878	.1100702	.0025421	5.013699	.2181200	1.486993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.987655	62.99405	.2915092	.0356468	1552.829	72.79958	-.002320
Stddev	.109048	.44010	.0031871	.0003747	8.205	.52979	.000275
%RSD	1.091830	.6986357	1.093302	1.051041	.5283951	.7277379	11.85243

#1	10.11339	63.02955	.2948799	.0360762	1559.257	73.39130	-.002267
#2	9.93065	62.53728	.2911030	.0354773	1543.587	72.63820	-.002076
#3	9.91892	63.41533	.2885446	.0353868	1555.643	72.36925	-.002618

Sample Name: J4604-01 Acquired: 8/28/2018 13:35:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1447118	.0839290	8.331033
Stddev	.0014535	.0005732	.036826
%RSD	1.004385	.6829627	.4420305

#1	.1446538	.0842306	8.332494
#2	.1461934	.0842885	8.367106
#3	.1432882	.0832680	8.293498

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.926	5087.902	98673.16	12116.54	3078.276
Stddev	14.984	34.461	372.74	224.61	24.610
%RSD	.3853115	.6773087	.3777567	1.853763	.7994731

#1	3876.623	5049.314	98366.58	11914.25	3050.434
#2	3884.541	5098.782	98564.83	12077.12	3097.125
#3	3905.614	5115.610	99088.07	12358.25	3087.269

Sample Name: J4604-02 Acquired: 8/28/2018 13:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1209972	.0094875	3.487768	-.019242	.0089984	16.33341	.1691175
Stddev	.0050404	.0013132	.019259	.002700	.0012192	.04413	.0009206
%RSD	4.165690	13.84159	.5521953	14.03280	13.54920	.2701913	.5443582

#1	.1175014	.0109142	3.476890	-.017065	.0098087	16.34909	.1701803
#2	.1267750	.0092191	3.476409	-.022263	.0075962	16.28357	.1686050
#3	.1187152	.0083292	3.510005	-.018396	.0095902	16.36755	.1685672

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026367	.0373139	15.02178	-.001419	.0150861	.8588866	171.0186
Stddev	.0000221	.0002283	.11572	.000607	.0001355	.0046087	.3339
%RSD	.8385031	.6118054	.7703620	42.79025	.8983196	.5365914	.1952501

#1	.0026621	.0370506	15.07240	-.001198	.0149296	.8641625	171.2406
#2	.0026266	.0374351	14.88937	-.002106	.0151637	.8556451	170.6346
#3	.0026215	.0374560	15.10357	-.000953	.0151650	.8568524	171.1807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19099	3.231950	.0050515	.0093967	5.341773	.0936134	11.08175
Stddev	.02735	.040834	.0003598	.0004514	.171656	.0025879	.10403
%RSD	.2683851	1.263447	7.122831	4.804257	3.213468	2.764466	.9387341

#1	10.18523	3.279080	.0053740	.0098733	5.144095	.0918659	11.01987
#2	10.16698	3.207146	.0051170	.0093415	5.453199	.0923880	11.20186
#3	10.22076	3.209626	.0046634	.0089754	5.428025	.0965865	11.02354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.055667	7.574461	.4545279	.0004827	1389.255	9.277624	-.002902
Stddev	.090623	.026208	.0031796	.0001561	2.513	.023195	.000358
%RSD	1.284398	.3459999	.6995401	32.33748	.1808793	.2500132	12.32470

#1	7.159884	7.572059	.4556958	.0003390	1388.557	9.303304	-.003235
#2	7.011713	7.549537	.4509296	.0004604	1387.165	9.258194	-.002948
#3	6.995403	7.601787	.4569585	.0006488	1392.043	9.271375	-.002524

Sample Name: J4604-02 Acquired: 8/28/2018 13:40:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A15 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0484323	-.006911	.0485581
Stddev	.0010541	.001884	.0001879
%RSD	2.176365	27.26671	.3870208

#1	.0494603	-.007193	.0487714
#2	.0473540	-.008639	.0484170
#3	.0484827	-.004902	.0484858

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.917	2477.373	48205.61	6284.620	3430.721
Stddev	1.645	7.463	54.16	29.796	14.825
%RSD	.0852980	.3012285	.1123544	.4741039	.4321317

#1	1930.553	2481.153	48267.84	6254.143	3440.264
#2	1927.262	2482.190	48179.96	6313.684	3438.258
#3	1928.935	2468.777	48169.05	6286.032	3413.641

Sample Name: J4604-03 Acquired: 8/28/2018 13:44:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1461807	.0091919	4.473292	-.025655	.0143049	21.58515	.1976545
Stddev	.0005354	.0002461	.029954	.003523	.0008043	.01487	.0009435
%RSD	.3662795	2.677537	.6696156	13.73081	5.622761	.0688809	.4773472

#1	.1458667	.0092590	4.453430	-.022962	.0139703	21.59623	.1966755
#2	.1467989	.0093975	4.458701	-.029641	.0152225	21.56825	.1977300
#3	.1458765	.0089192	4.507746	-.024361	.0137219	21.59096	.1985579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043891	.0448615	19.01662	.0636934	.0186644	1.259772	208.0468
Stddev	.0000379	.0002585	.04960	.0005353	.0002136	.004349	.2492
%RSD	.8635731	.5762225	.2608443	.8404807	1.144577	.3452416	.1197621

#1	.0043669	.0445800	18.99902	.0632686	.0185597	1.260717	208.0942
#2	.0044329	.0449163	18.97822	.0635170	.0185233	1.255028	207.7774
#3	.0043675	.0450882	19.07262	.0642947	.0189102	1.263571	208.2689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.19404	3.806757	.0069335	.0066593	5.827658	.1426076	12.61417
Stddev	.02351	.009336	.0002817	.0004071	.247786	.0006703	.08803
%RSD	.1928052	.2452378	4.062459	6.113127	4.251900	.4700137	.6978551

#1	12.18107	3.810024	.0066228	.0070703	6.017766	.1421231	12.52352
#2	12.17987	3.814020	.0070055	.0066513	5.547422	.1433726	12.69931
#3	12.22118	3.796227	.0071722	.0062562	5.917786	.1423272	12.61969

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.174823	10.53865	.6009975	-.000400	1418.562	12.90573	-.000804
Stddev	.043844	.03255	.0042397	.000348	8.823	.10606	.001683
%RSD	.4778685	.3088564	.7054421	86.94636	.6219784	.8218354	209.4348

#1	9.131771	10.50496	.6009708	-.000484	1412.885	12.88354	.000384
#2	9.219417	10.54105	.5967712	-.000698	1414.074	12.81251	-.000066
#3	9.173282	10.56993	.6052505	-.000018	1428.727	13.02113	-.002730

Sample Name: J4604-03 Acquired: 8/28/2018 13:44:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0679444	-.002878	.0654436
Stddev	.0033202	.000760	.0002007
%RSD	4.886698	26.39572	.3066896

#1	.0664382	-.003724	.0652148
#2	.0717508	-.002657	.0655265
#3	.0656442	-.002254	.0655897

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.879	2557.670	49583.75	6441.698	3402.458
Stddev	7.593	9.141	59.14	20.507	16.344
%RSD	.3839185	.3574149	.1192709	.3183502	.4803499

#1	1986.453	2566.785	49636.70	6444.095	3416.721
#2	1975.180	2557.721	49594.63	6460.902	3406.029
#3	1972.003	2548.503	49519.93	6420.098	3384.624

Sample Name: J4604-04 Acquired: 8/28/2018 13:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1448859	.0120872	4.454942	-.025409	.0136405	21.59921	.1967201
Stddev	.0020144	.0039822	.014345	.001633	.0014636	.10424	.0005770
%RSD	1.390327	32.94527	.3220119	6.428125	10.72986	.4826144	.2932993

#1	.1447988	.0148281	4.451668	-.026058	.0130929	21.57723	.1971837
#2	.1429165	.0139142	4.442517	-.026618	.0152990	21.50771	.1960739
#3	.1469424	.0075194	4.470642	-.023551	.0125297	21.71269	.1969026

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043272	.0445573	18.94515	.0643126	.0185583	1.254742	207.3626
Stddev	.0001126	.0000372	.00677	.0004400	.0002619	.003526	.3018
%RSD	2.601033	.0835493	.0357476	.6841280	1.411352	.2810203	.1455632

#1	.0043405	.0445903	18.94660	.0643140	.0188371	1.257193	207.0520
#2	.0044326	.0445169	18.93777	.0638719	.0185203	1.256332	207.3810
#3	.0042087	.0445645	18.95107	.0647519	.0183174	1.250701	207.6549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.13432	3.777570	.0064043	.0067022	5.776994	.1444551	12.55231
Stddev	.03764	.053220	.0003188	.0001151	.227198	.0034444	.09179
%RSD	.3102148	1.408839	4.977318	1.717100	3.932805	2.384384	.7312241

#1	12.10650	3.824950	.0061858	.0068350	5.522363	.1481513	12.44888
#2	12.11930	3.787772	.0062570	.0066390	5.959000	.1438789	12.58401
#3	12.17715	3.719988	.0067700	.0066325	5.849619	.1413352	12.62405

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.111705	10.55190	.6013924	-.000500	1413.984	12.82198	-.001258
Stddev	.044151	.03001	.0023939	.000268	3.510	.03030	.000592
%RSD	.4845473	.2843655	.3980652	53.55585	.2482235	.2362887	47.09414

#1	9.060761	10.53271	.6037333	-.000661	1416.536	12.84428	-.001651
#2	9.135513	10.53650	.6014952	-.000191	1409.982	12.78749	-.001545
#3	9.138843	10.58648	.5989487	-.000649	1415.435	12.83418	-.000577

Sample Name: J4604-04 Acquired: 8/28/2018 13:48:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0666943	-.003855	.0653244
Stddev	.0010450	.002063	.0002461
%RSD	1.566905	53.51762	.3767924

#1	.0676827	-.002043	.0651000
#2	.0656006	-.006101	.0655876
#3	.0667996	-.003422	.0652856

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.586	2567.966	50112.47	6496.995	3413.802
Stddev	19.929	6.974	342.48	21.401	9.624
%RSD	.9966386	.2715908	.6834295	.3294023	.2819074

#1	2011.148	2565.369	50380.30	6500.774	3408.865
#2	2011.037	2575.866	50230.55	6516.256	3424.893
#3	1976.575	2562.663	49726.57	6473.956	3407.650

Sample Name: J4604-05 Acquired: 8/28/2018 13:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868165	.0630377	4.480229	.0374522	.1185869	23.70585	2.430195
Stddev	.0026232	.0005418	.006982	.0046671	.0005245	.03720	.002593
%RSD	1.404160	.8594732	.1558495	12.46145	.4423207	.1569417	.1067030

#1	.1857601	.0636629	4.472567	.0333623	.1181328	23.72302	2.428449
#2	.1898032	.0627047	4.481887	.0364582	.1184669	23.73138	2.433175
#3	.1848863	.0627456	4.486233	.0425363	.1191611	23.66316	2.428962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568017	.1020499	19.00887	.2740957	.5824452	1.528398	208.3866
Stddev	.0001982	.0004289	.04526	.0002930	.0028376	.009280	.5148
%RSD	.3488561	.4203263	.2381024	.1068998	.4871801	.6071947	.2470388

#1	.0568631	.1019087	19.03101	.2740199	.5832327	1.517915	208.8010
#2	.0569619	.1017093	19.03880	.2738480	.5792970	1.535565	208.5485
#3	.0565801	.1025316	18.95680	.2744191	.5848058	1.531714	207.8103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.70854	3.772977	.5946690	.0566709	5.978937	.6906797	13.04686
Stddev	.01807	.072390	.0013186	.0005435	.197546	.0070848	.09103
%RSD	.1421487	1.918650	.2217420	.9589733	3.304038	1.025774	.6976889

#1	12.69627	3.855917	.5934460	.0571795	5.936234	.6825798	13.09264
#2	12.72928	3.740508	.5944951	.0560983	6.194342	.6957241	13.10592
#3	12.70006	3.722505	.5960660	.0567351	5.806235	.6937351	12.94203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.114725	10.61880	.5973310	-.000607	1422.829	12.76932	-.001281
Stddev	.082934	.03729	.0039230	.000216	1.743	.03174	.000130
%RSD	.9098917	.3511811	.6567546	35.60973	.1224933	.2485869	10.15057

#1	9.201809	10.61088	.5959968	-.000744	1424.175	12.77524	-.001268
#2	9.105686	10.58610	.6017471	-.000358	1420.860	12.79769	-.001159
#3	9.036681	10.65941	.5942492	-.000719	1423.452	12.73504	-.001418

Sample Name: J4604-05 Acquired: 8/28/2018 13:52:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A16S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0675030	-.002030	.0653542
Stddev	.0006852	.001598	.0002546
%RSD	1.015091	78.72780	.3896474

#1	.0682877	-.002661	.0651401
#2	.0671981	-.003216	.0656358
#3	.0670231	-.000213	.0652866

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.143	2544.551	49702.76	6456.328	3379.281
Stddev	7.214	6.965	107.14	7.488	12.286
%RSD	.3632029	.2737304	.2155566	.1159737	.3635669

#1	1978.255	2547.906	49588.63	6464.607	3389.173
#2	1987.767	2549.205	49718.51	6450.030	3383.141
#3	1992.406	2536.544	49801.16	6454.348	3365.529

Sample Name: J4604-03LX5 Acquired: 8/28/2018 13:56:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303067	.0049679	.9288511	-.004598	.0011564	4.751302	.0423183
Stddev	.0038898	.0023087	.0033378	.002294	.0020162	.028124	.0008314
%RSD	12.83463	46.47156	.3593421	49.89044	174.3522	.5919275	1.964507

#1	.0308431	.0027390	.9253122	-.002312	-.000620	4.739667	.0431335
#2	.0261767	.0073488	.9292983	-.006900	.000741	4.730862	.0423495
#3	.0339005	.0048159	.9319426	-.004581	.003348	4.783377	.0414717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011229	.0090875	4.201065	.0142302	.0038955	.2785062	46.27778
Stddev	.0000528	.0000974	.016260	.0004434	.0001699	.0013015	.02410
%RSD	4.698123	1.072036	.3870459	3.115937	4.360256	.4673001	.0520685

#1	.0011837	.0091379	4.187906	.0146574	.0037051	.2796372	46.30078
#2	.0010964	.0089752	4.196047	.0137722	.0040316	.2770837	46.27985
#3	.0010886	.0091494	4.219243	.0142611	.0039498	.2787978	46.25272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.637925	.8977588	.0021829	.0020973	1.406698	.0341329	2.771059
Stddev	.005344	.0385287	.0003640	.0004270	.130173	.0043991	.018148
%RSD	.2025644	4.291657	16.67441	20.35925	9.253775	12.88803	.6548996

#1	2.642015	.8717959	.0017671	.0025832	1.556522	.0316883	2.771710
#2	2.639881	.8794528	.0023381	.0017819	1.321321	.0314991	2.788872
#3	2.631879	.9420278	.0024437	.0019267	1.342252	.0392113	2.752594

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.964466	2.184563	.1364697	.0007457	368.8726	2.844048	-.001316
Stddev	.102359	.012409	.0007929	.0003054	.8675	.019086	.000965
%RSD	5.210537	.5680384	.5810246	40.95103	.2351629	.6710879	73.28220

#1	1.860305	2.191146	.1370783	.0009332	368.7958	2.837953	-.002101
#2	1.968170	2.170249	.1367578	.0009105	368.0461	2.828754	-.000239
#3	2.064923	2.192292	.1355730	.0003933	369.7758	2.865437	-.001609

Sample Name: J4604-03LX5 Acquired: 8/28/2018 13:56:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A16L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0107430	-.002599	.0144485
Stddev	.0013417	.000617	.0000488
%RSD	12.48894	23.75259	.3377598

#1	.0107489	-.002101	.0144909
#2	.0093984	-.002406	.0144595
#3	.0120817	-.003290	.0143952

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.684	2371.026	45739.81	5975.625	3374.739
Stddev	17.025	2.513	235.75	17.321	3.045
%RSD	.9249212	.1059899	.5154181	.2898530	.0902172

#1	1833.192	2369.358	45762.48	5985.650	3373.040
#2	1828.689	2373.916	45493.54	5985.600	3378.253
#3	1860.170	2369.804	45963.41	5955.625	3372.922

Sample Name: PB112441BL Acquired: 8/28/2018 14:00:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002111	.0011196	-.000289	.0022412	-.001625	-.001261	-.000501
Stddev	.002347	.0032190	.000830	.0033786	.001046	.001731	.000357
%RSD	111.1834	287.5265	286.5618	150.7512	64.35838	137.3071	71.20823

#1	-.004776	.0047596	-.000075	.0046270	-.000429	-.002803	-.000323
#2	-.000348	-.001352	.000412	.0037215	-.002370	.000612	-.000268
#3	-.001210	-.000049	-.001205	-.001625	-.002075	-.001591	-.000912

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001808	-.000099	-.011072	.0002435	.0003456	.0036838	-.003790
Stddev	.0000231	.000033	.007309	.0003437	.0002619	.0058007	.006610
%RSD	12.75240	33.59423	66.01151	141.1797	75.77335	157.4657	174.3982

#1	.0002074	-.000133	-.006808	.0006385	.0005080	-.000964	-.006314
#2	.0001670	-.000066	-.006897	.0000124	.0004853	.001831	-.008766
#3	.0001680	-.000100	-.019512	.0000795	.0000435	.010184	.003710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008171	.0236866	.0005275	.0007080	.0168617	-.000767	.0033288
Stddev	.0003415	.0180407	.0004957	.0005313	.1745783	.002751	.0044593
%RSD	41.80135	76.16419	93.97111	75.04083	1035.355	358.8168	133.9632

#1	.0004277	.0193931	.0004119	.0010808	-.079501	-.002512	.0061218
#2	.0010661	.0434868	.0000998	.0009435	-.088297	.002405	-.001814
#3	.0009574	.0081800	.0010707	.0000997	.218383	-.002193	.005679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003584	.0000024	.0026046	.0002971	.2475823	.0061935	.0039930
Stddev	.027309	.0028551	.0005385	.0002215	.0229757	.0008342	.0011725
%RSD	761.8988	116738.5	20.67524	74.57222	9.280038	13.46846	29.36288

#1	-.029068	.0004430	.0025771	.0004787	.2708296	.0070003	.0050386
#2	.025242	-.003047	.0031563	.0003623	.2470290	.0062459	.0027254
#3	-.006927	.002612	.0020803	.0000503	.2248881	.0053344	.0042149

Sample Name: PB112441BL Acquired: 8/28/2018 14:00:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002153	-.003665	-.000084
Stddev	.003093	.001321	.000080
%RSD	143.6309	36.03844	95.26721

#1	-.003986	-.003699	-.000014
#2	.001417	-.002328	-.000171
#3	-.003891	-.004969	-.000066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.721	2285.261	43926.16	5679.975	3269.160
Stddev	14.629	3.564	107.65	6.158	6.728
%RSD	.8257061	.1559684	.2450666	.1084209	.2058159

#1	1770.401	2285.046	43836.89	5685.525	3267.633
#2	1757.797	2288.928	43895.88	5673.350	3276.521
#3	1786.966	2281.809	44045.70	5681.050	3263.326

Sample Name: PB112441BS Acquired: 8/28/2018 14:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.0215217	.0493573	.0193255	.0751738	.1223982	.4029693
Stddev	.0034282	.0016494	.0016020	.0042451	.0018082	.0086441
%RSD	15.92879	3.341701	8.289645	5.647081	1.477291	2.145100

#1	.0253126	.0481836	.0194613	.0728616	.1234817	.3958286
#2	.0186392	.0512431	.0176599	.0725867	.1203108	.4004999
#3	.0206134	.0486451	.0208553	.0800731	.1234020	.4125793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4039928	.0104560	.0100365	9.315356	.0208098	.0947661
Stddev	.0026825	.0000979	.0000590	.049007	.0001174	.0002210
%RSD	.6640080	.9366080	.5873871	.5260832	.5639138	.2332377

#1	.4055954	.0105189	.0101024	9.302008	.0208435	.0949244
#2	.4008959	.0103431	.0100185	9.274406	.0209066	.0945136
#3	.4054872	.0105059	.0099887	9.369653	.0206793	.0948604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469941	.1998025	.0300305	10.13215	.0815326	.0194772
Stddev	.0017043	.0100476	.0006122	.13503	.0002851	.0006152
%RSD	3.626512	5.028776	2.038550	1.332654	.3497135	3.158545

#1	.0477700	.1946520	.0307306	10.19487	.0815034	.0196621
#2	.0450400	.2113810	.0295962	9.97717	.0818312	.0187907
#3	.0481724	.1933745	.0297646	10.22440	.0812632	.0199787

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.764254	.1016119	.1214400	9.082819	F .1801633	F .0198188
Stddev	.087407	.0055459	.0044866	.020034	.0033759	.0004110
%RSD	.9973124	5.457925	3.694527	.2205668	1.873771	2.073569

#1	8.708977	.0995888	.1191108	9.094954	.1780948	.0193905
#2	8.718761	.1078853	.1185970	9.093806	.1783362	.0198561
#3	8.865025	.0973616	.1266122	9.059695	.1840589	.0202098

Sample Name: PB112441BS Acquired: 8/28/2018 14:04:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) 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	.0197267	.3393682	.1917536	F .0143758	.0974274	.0876882
Stddev	.0002857	.0034791	.0016371	.0004438	.0017184	.0011749
%RSD	1.448226	1.025176	.8537410	3.087083	1.763792	1.339804

#1	.0195819	.3429586	.1917639	.0138634	.0964690	.0877555
#2	.0195425	.3391340	.1901113	.0146303	.0994113	.0864811
#3	.0200558	.3360122	.1933854	.0146337	.0964019	.0888279

Elem	Sr4077
Units	ppm
Avg	.2007213
Stddev	.0013452
%RSD	.6701762

#1	.2006538
#2	.1994112
#3	.2020990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.928	2275.161	43899.28	5701.520	3294.110
Stddev	15.256	6.547	192.21	37.092	7.440
%RSD	.8609870	.2877576	.4378538	.6505618	.2258452

#1	1782.572	2281.289	44111.36	5663.900	3302.697
#2	1754.450	2275.931	43736.55	5738.061	3290.022
#3	1778.763	2268.263	43849.93	5702.598	3289.611

Sample Name: J4626-05 Acquired: 8/28/2018 14:37:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122613	.0003197	.0451360	.0058285	-.002467	37.83051	.0794565
Stddev	.0007666	.0039416	.0010923	.0034989	.001219	.19847	.0002801
%RSD	6.252330	1232.817	2.420038	60.03181	49.41560	.5246378	.3524549

#1	.0118435	-.000612	.0438759	.0072824	-.002258	37.88446	.0797352
#2	.0117944	.004644	.0458119	.0083660	-.001366	37.99643	.0794592
#3	.0131460	-.003072	.0457204	.0018370	-.003777	37.61064	.0791751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006505	-.000061	1.122454	.0397084	.0033222	.0219994	30.56860
Stddev	.0000670	.000044	.016797	.0004175	.0000912	.0022967	.06208
%RSD	10.30641	72.02964	1.496455	1.051403	2.745783	10.44001	.2030967

#1	.0005841	-.000065	1.141732	.0394339	.0032186	.0198893	30.53335
#2	.0007181	-.000103	1.114661	.0401889	.0033577	.0244457	30.64028
#3	.0006492	-.000015	1.110969	.0395025	.0033904	.0216631	30.53216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418364	1.093626	.0091136	.0018299	.2627276	.0717850	.0584199
Stddev	.0009231	.030145	.0001830	.0001550	.0764593	.0035669	.0029693
%RSD	2.206563	2.756387	2.008396	8.471272	29.10212	4.968925	5.082700

#1	.0407858	1.121366	.0093126	.0020013	.1809585	.0702442	.0615694
#2	.0425177	1.061547	.0089525	.0017887	.2747782	.0758633	.0556716
#3	.0422058	1.097964	.0090756	.0016996	.3324459	.0692474	.0580188

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1745107	.2513035	.0277401	.0010351	.6491139	3.205684	-.000811
Stddev	.0375044	.0016716	.0000495	.0001622	.0032727	.018514	.000488
%RSD	21.49117	.6651895	.1785957	15.66561	.5041797	.5775292	60.23614

#1	.2118325	.2499306	.0277141	.0012099	.6493130	3.186696	-.000923
#2	.1748731	.2531650	.0277972	.0008896	.6457462	3.223684	-.000276
#3	.1368264	.2508150	.0277090	.0010058	.6522825	3.206673	-.001233

Sample Name: J4626-05 Acquired: 8/28/2018 14:37:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1945313	.0020520	.0078930
Stddev	.0063617	.0015581	.0004413
%RSD	3.270291	75.92967	5.590815

#1	.1874463	.0031039	.0076701
#2	.1963933	.0027902	.0076076
#3	.1997543	.0002620	.0084012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.389	2387.036	46095.07	5988.751	3374.669
Stddev	5.769	8.741	38.42	11.193	7.460
%RSD	.3112564	.3661994	.0833553	.1869009	.2210452

#1	1853.472	2394.239	46069.77	5999.076	3380.925
#2	1859.116	2389.559	46139.29	5976.855	3376.668
#3	1847.579	2377.311	46076.16	5990.321	3366.413

Sample Name: J4626-06 Acquired: 8/28/2018 14:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086451	-.001870	.0547149	.0045733	-.003669	22.34524	.0744817
Stddev	.0028570	.003467	.0028202	.0021955	.001554	.10387	.0006722
%RSD	33.04723	185.4268	5.154319	48.00815	42.34671	.4648478	.9024673

#1	.0117195	-.003045	.0564153	.0041721	-.005337	22.28959	.0744879
#2	.0081439	.002032	.0514596	.0069417	-.002264	22.46508	.0738065
#3	.0060719	-.004597	.0562700	.0026059	-.003404	22.28105	.0751508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004566	.0001345	5.322420	.0258393	.0016467	.0103641	7.785555
Stddev	.0000540	.0000553	.036773	.0002718	.0002935	.0031408	.006891
%RSD	11.83673	41.15865	.6909143	1.051860	17.82429	30.30485	.0885055

#1	.0004145	.0001933	5.293431	.0257883	.0017892	.0139825	7.777599
#2	.0004377	.0000833	5.363785	.0261330	.0018418	.0083422	7.789597
#3	.0005175	.0001269	5.310045	.0255967	.0013091	.0087676	7.789470

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273139	1.907369	.0066947	.0011119	.3908495	.0367220	.0501896
Stddev	.0016097	.004132	.0004455	.0004218	.0495534	.0034479	.0075273
%RSD	5.893495	.2166479	6.655098	37.93520	12.67839	9.389042	14.99773

#1	.0262607	1.904095	.0068584	.0006488	.4397820	.0381692	.0501676
#2	.0291669	1.912012	.0070353	.0012129	.3406977	.0327865	.0426733
#3	.0265140	1.906001	.0061905	.0014742	.3920689	.0392105	.0577278

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2678319	.7397205	.0094674	.0004562	1.167682	4.045527	-.000681
Stddev	.0245125	.0015720	.0003251	.0001349	.003709	.034776	.001075
%RSD	9.152192	.2125085	3.433383	29.56598	.3176414	.8596199	157.8815

#1	.2431691	.7407907	.0092925	.0003944	1.171004	4.073612	.000386
#2	.2681354	.7404551	.0092671	.0003632	1.163680	4.006628	-.001764
#3	.2921912	.7379157	.0098424	.0006108	1.168362	4.056339	-.000665

Sample Name: J4626-06 Acquired: 8/28/2018 14:41:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1707893	-.006902	.0155905
Stddev	.0041636	.000539	.0001682
%RSD	2.437867	7.808100	1.078598

#1	.1722853	-.006707	.0155913
#2	.1660844	-.006488	.0157583
#3	.1739982	-.007511	.0154220

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.995	2404.103	46643.68	6065.075	3394.746
Stddev	11.364	4.271	193.32	42.696	3.724
%RSD	.6102904	.1776346	.4144526	.7039591	.1097124

#1	1862.902	2401.743	46783.35	6072.375	3390.583
#2	1872.878	2409.033	46724.63	6019.200	3397.762
#3	1850.205	2401.533	46423.04	6103.650	3395.894

Sample Name: J4626-07 Acquired: 8/28/2018 14:45:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074446	-.004228	.0554994	.0032971	-.003217	22.64391	.0752629
Stddev	.0005868	.002383	.0017895	.0035224	.001580	.01949	.0003401
%RSD	7.881782	56.36706	3.224387	106.8334	49.10978	.0860691	.4518243

#1	.0075614	-.004134	.0537234	.0012708	-.002756	22.64517	.0750281
#2	.0079642	-.006656	.0573022	.0073643	-.001919	22.66273	.0751078
#3	.0068083	-.001893	.0554728	.0012561	-.004977	22.62382	.0756529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004863	.0000369	5.378675	.0259304	.0016146	.0081355	7.869921
Stddev	.0000465	.0000267	.031450	.0002262	.0002892	.0008289	.004150
%RSD	9.565908	72.10886	.5847218	.8722970	17.91102	10.18876	.0527329

#1	.0005070	.0000568	5.344703	.0261362	.0018054	.0081479	7.869339
#2	.0005188	.0000067	5.406776	.0259667	.0017566	.0089581	7.874331
#3	.0004330	.0000473	5.384547	.0256882	.0012819	.0073004	7.866093

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0270565	1.952676	.0064922	.0010548	.0809534	.0347694	.0469806
Stddev	.0011614	.018025	.0002878	.0002753	.1063182	.0024558	.0039671
%RSD	4.292405	.9230997	4.433471	26.09889	131.3325	7.063143	8.444167

#1	.0262732	1.931939	.0064992	.0008638	-.041812	.0324181	.0424291
#2	.0283908	1.964589	.0067764	.0013704	.142679	.0373178	.0488081
#3	.0265055	1.961500	.0062009	.0009302	.141993	.0345723	.0497045

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2903630	.7468929	.0094408	.0004317	1.175153	4.150257	-.000885
Stddev	.0740107	.0042560	.0012292	.0002992	.011273	.046160	.000300
%RSD	25.48902	.5698292	13.02034	69.31488	.9592488	1.112230	33.90247

#1	.3179085	.7426323	.0108403	.0003192	1.178900	4.138759	-.000650
#2	.3466510	.7469020	.0089462	.0002050	1.162484	4.201079	-.000781
#3	.2065294	.7511443	.0085359	.0007709	1.184075	4.110932	-.001223

Sample Name: J4626-07 Acquired: 8/28/2018 14:45:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1687079	-.004977	.0160339
Stddev	.0064136	.000620	.0003565
%RSD	3.801607	12.45174	2.223091

#1	.1757979	-.004341	.0163419
#2	.1633100	-.005011	.0161163
#3	.1670157	-.005579	.0156435

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.479	2380.732	46110.08	5957.392	3365.399
Stddev	8.510	11.017	210.55	16.319	9.375
%RSD	.4648800	.4627709	.4566188	.2739366	.2785634

#1	1820.686	2385.233	45909.59	5954.400	3371.575
#2	1834.679	2388.786	46329.42	5942.775	3370.011
#3	1836.072	2368.177	46091.24	5975.000	3354.612

Sample Name: J4626-08 Acquired: 8/28/2018 14:50:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0918970	.1061117	.1100767	.1087190	.2222790	31.29964	4.838394
Stddev	.0025364	.0033982	.0009091	.0007610	.0003731	.07295	.007633
%RSD	2.760061	3.202437	.8258868	.6999359	.1678340	.2330545	.1577639

#1	.0910557	.1056793	.1108489	.1094986	.2218636	31.38228	4.845700
#2	.0947472	.1029505	.1090747	.1086802	.2225855	31.27245	4.839012
#3	.0898882	.1097054	.1103065	.1079782	.2223878	31.24420	4.830471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1084819	.1135322	5.001874	.4782559	1.140777	.5852140	10.62556
Stddev	.0008883	.0003439	.037350	.0018351	.003697	.0025117	.03309
%RSD	.8188371	.3029376	.7467254	.3837107	.3240484	.4291877	.3114025

#1	.1085303	.1133317	4.975875	.4769779	1.139105	.5879845	10.65159
#2	.1075705	.1133355	4.985072	.4803587	1.138212	.5830861	10.58832
#3	.1093451	.1139293	5.044674	.4774310	1.145014	.5845713	10.63677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.148321	2.065310	1.201211	.1026113	.1112777	1.218150	1.146535
Stddev	.001140	.021186	.006557	.0007053	.1236318	.003147	.008538
%RSD	.0992868	1.025797	.5458358	.6873826	111.1021	.2583157	.7446637

#1	1.148686	2.046216	1.195079	.1032726	.1519296	1.217382	1.150348
#2	1.147043	2.061612	1.200432	.1018689	.2094650	1.215459	1.152502
#3	1.149233	2.088101	1.208123	.1026923	-.027562	1.221610	1.136755

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4362825	.7418461	.0109996	.0006002	1.123403	17.55732	.0005390
Stddev	.0604126	.0032170	.0010831	.0002077	.009579	.25972	.0003960
%RSD	13.84711	.4336542	9.846645	34.61024	.8527103	1.479284	73.46682

#1	.5012646	.7393751	.0117822	.0004607	1.124751	17.68623	.0008864
#2	.3818217	.7406794	.0097635	.0005010	1.113220	17.25836	.0006227
#3	.4257614	.7454837	.0114531	.0008390	1.132236	17.72737	.0001078

Sample Name: J4626-08 Acquired: 8/28/2018 14:50:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6889443	-.002219	.0176263
Stddev	.0066486	.001056	.0001977
%RSD	.9650448	47.57413	1.121468

#1	.6819948	-.001605	.0175755
#2	.6895937	-.001615	.0174590
#3	.6952444	-.003439	.0178444

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.574	2381.849	46419.49	6045.683	3369.441
Stddev	1.798	8.591	69.19	14.453	13.736
%RSD	.0976146	.3606707	.1490624	.2390704	.4076689

#1	1840.172	2387.826	46341.82	6045.629	3381.091
#2	1840.948	2385.716	46442.08	6060.163	3372.938
#3	1843.601	2372.004	46474.56	6031.256	3354.294

Sample Name: J4626-06LX5 Acquired: 8/28/2018 14:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016392	.0005862	.0100324	.0026795	-.002924	4.360840	.0142758
Stddev	.0005054	.0011886	.0009819	.0014052	.000583	.010618	.0004281
%RSD	30.83453	202.7418	9.786776	52.44138	19.94747	.2434860	2.998908

#1	.0014469	.0019143	.0089012	.0029569	-.002645	4.358272	.0147362
#2	.0012581	.0002222	.0106639	.0039252	-.003595	4.351742	.0138896
#3	.0022125	-.000378	.0105322	.0011563	-.002533	4.372507	.0142016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001873	-.000089	1.051683	.0049882	.0005129	-.000720	1.523522
Stddev	.0000268	.000084	.004299	.0002518	.0002292	.005184	.007550
%RSD	14.31937	94.64671	.4087257	5.047146	44.67677	720.1835	.4955370

#1	.0001873	-.000127	1.048696	.0050310	.0002617	-.006582	1.526056
#2	.0002140	-.000146	1.049744	.0052158	.0005665	.001165	1.515032
#3	.0001604	.000008	1.056610	.0047178	.0007105	.003258	1.529479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050981	.4282343	.0023979	.0003522	.3712650	.0099165	.0070251
Stddev	.0006055	.0186184	.0000859	.0002759	.1056416	.0052278	.0033318
%RSD	11.87788	4.347706	3.583751	78.33235	28.45449	52.71829	47.42752

#1	.0053446	.4287252	.0024875	.0004661	.2682780	.0138884	.0072483
#2	.0044082	.4093753	.0023901	.0005528	.4793748	.0118674	.0102397
#3	.0055415	.4466023	.0023162	.0000376	.3661423	.0039938	.0035873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012194	.1408083	-.000188	-.000191	.2566662	.7994626	-.001570
Stddev	.038143	.0029673	.000891	.000350	.0010349	.0248543	.000262
%RSD	312.7860	2.107306	473.3823	182.9392	.4032114	3.108870	16.66640

#1	-.056163	.1398336	.000799	.000204	.2578580	.8143204	-.001714
#2	.007572	.1441403	-.000431	-.000461	.2561460	.7707694	-.001268
#3	.012008	.1384509	-.000932	-.000316	.2559946	.8132979	-.001727

Sample Name: J4626-06LX5 Acquired: 8/28/2018 14:54:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0293287	-.007460	.0028423
Stddev	.0070669	.000715	.0001139
%RSD	24.09545	9.583753	4.005540

#1	.0231298	-.008092	.0029631
#2	.0278324	-.006684	.0027370
#3	.0370239	-.007604	.0028268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.060	2344.812	45111.58	5861.042	3353.902
Stddev	13.756	7.994	173.05	12.477	12.082
%RSD	.7599761	.3409132	.3836091	.2128869	.3602358

#1	1795.014	2342.161	45050.63	5852.425	3348.614
#2	1813.173	2353.794	44977.24	5875.350	3367.726
#3	1821.992	2338.480	45306.86	5855.350	3345.365

Sample Name: CCV008 Acquired: 8/28/2018 14:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071768	5.065601	25.27103	4.822121	5.100660	395.7763
Stddev	.026985	.017278	.06545	.021456	.007878	.8521
%RSD	.5320662	.3410762	.2589901	.4449404	.1544537	.2152943

#1	5.056021	5.049398	25.24803	4.821854	5.109651	396.7343
#2	5.056355	5.063623	25.22018	4.800801	5.094966	395.1030
#3	5.102927	5.083782	25.34487	4.843710	5.097363	395.4916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44472	.4852903	2.467137	384.5248	15.04368	2.522591
Stddev	.02412	.0011715	.006153	.5567	.03424	.008949
%RSD	.2308980	.2414068	.2494125	.1447706	.2276007	.3547420

#1	10.46840	.4866266	2.464760	384.9768	15.03358	2.518466
#2	10.44558	.4848049	2.462526	384.6946	15.08184	2.516448
#3	10.42019	.4844396	2.474124	383.9030	15.01563	2.532858

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19751	380.7976	14.64675	388.5984	2.584951	1.257314
Stddev	.02230	.5398	.01448	.6765	.004393	.001236
%RSD	.1467577	.1417682	.0988612	.1740976	.1699465	.0983167

#1	15.20006	381.4083	14.66327	388.3577	2.580953	1.255922
#2	15.21843	380.3839	14.64072	388.0752	2.584245	1.257738
#3	15.17404	380.6006	14.63627	389.3624	2.589654	1.258283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.2541	2.519510	15.28599	158.5207	F 5.556268	4.967699
Stddev	.7385	.003978	.07212	.2981	.014688	.012117
%RSD	.1854419	.1578960	.4717903	.1880742	.2643451	.2439211

#1	399.1068	2.517149	15.20515	158.7567	5.546076	4.959234
#2	397.8407	2.517278	15.30908	158.1856	5.549624	4.981580
#3	397.8149	2.524103	15.34373	158.6197	5.573104	4.962284

Sample Name: CCV008 Acquired: 8/28/2018 14:58:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980676	5.376570	4.829347	5.141759	5.097335	5.295644
Stddev	.009714	.021083	.013184	.022036	.020956	.014692
%RSD	.1950434	.3921211	.2730023	.4285618	.4111091	.2774378

#1	4.981201	5.385941	4.837485	5.134876	5.096420	5.301935
#2	4.970710	5.352426	4.836422	5.123986	5.118732	5.306144
#3	4.990118	5.391343	4.814136	5.166414	5.076851	5.278854

Elem	Sr4077
Units	ppm
Avg	5.116159
Stddev	.047922
%RSD	.9366705

#1	5.161977
#2	5.120122
#3	5.066380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1553.364	1972.843	40835.32	5482.450	2686.560
Stddev	2.536	5.853	84.02	25.239	5.598
%RSD	.1632463	.2966726	.2057576	.4603660	.2083743

#1	1552.314	1971.719	40746.63	5464.218	2687.715
#2	1551.522	1979.176	40845.58	5471.876	2691.490
#3	1556.256	1967.633	40913.73	5511.257	2680.474

Sample Name: CCB008 Acquired: 8/28/2018 15:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002812	-.000181	.0031156	.0010812	-.002662	-.006740
Stddev	.003470	.001347	.0010447	.0019837	.001030	.014046
%RSD	123.3948	742.2574	33.53039	183.4674	38.67935	208.3820

#1	-.005914	.000590	.0039387	.0018754	-.003830	-.005682
#2	.000935	.000603	.0019404	-.001177	-.002268	.006746
#3	-.003457	-.001737	.0034678	.002545	-.001887	-.021285

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001040	.0002189	-.000053	.0203720	.0006323	.0003141
Stddev	.000251	.0000269	.000069	.0263527	.0002522	.0003476
%RSD	24.13740	12.28184	130.3048	129.3572	39.89531	110.6595

#1	-.000788	.0002130	-.000001	.0165007	.0009211	.0005973
#2	-.001042	.0002482	-.000131	.0484463	.0005201	.0004188
#3	-.001289	.0001954	-.000027	-.003831	.0004555	-.000074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021385	-.005488	.0012590	.0554051	.0008122	.0008298
Stddev	.0030741	.001919	.0002570	.0219552	.0004492	.0003029
%RSD	143.7522	34.97208	20.41046	39.62663	55.30664	36.49755

#1	-.001360	-.004831	.0009922	.0394313	.0008695	.0009596
#2	.003370	-.007650	.0015048	.0463432	.0012300	.0004837
#3	.004406	-.003984	.0012799	.0804407	.0003371	.0010462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001737	.0008186	-.003365	-.001931	-.004421	F .0105628
Stddev	.051557	.0042760	.002904	.024477	.003264	.0002595
%RSD	2967.422	522.3466	86.28846	1267.544	73.82513	2.456523

#1	.006930	.0039677	-.000216	-.005710	-.001551	.0107947
#2	.044936	.0025376	-.003942	-.024299	-.003741	.0106113
#3	-.057079	-.004049	-.005937	.024216	-.007972	.0102826

Sample Name: CCB008 Acquired: 8/28/2018 15:02:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000872	.0300865	.0014974	-.000607	-.003182	-.002375
Stddev	.0003367	.0012000	.0009900	.000641	.001562	.000218
%RSD	386.3490	3.988503	66.11699	105.6011	49.09546	9.178533

#1	.0003944	.0289658	.0009700	-.001324	-.003856	-.002483
#2	.0001400	.0313526	.0026395	-.000094	-.001396	-.002124
#3	-.000273	.0299410	.0008827	-.000402	-.004295	-.002518

Elem	Sr4077
Units	ppm
Avg	-.000090
Stddev	.000065
%RSD	71.39402

#1	-.000108
#2	-.000144
#3	-.000019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.517	2317.574	44588.01	5739.017	3316.812
Stddev	8.164	6.205	53.06	17.005	3.363
%RSD	.4546970	.2677205	.1190041	.2963004	.1013982

#1	1786.113	2316.080	44539.11	5757.400	3316.320
#2	1800.792	2324.390	44644.43	5735.800	3320.394
#3	1799.646	2312.254	44580.51	5723.850	3313.722

Sample Name: J4626-09 Acquired: 8/28/2018 15:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136588	-.000386	.0655372	.0014382	-.001048	43.31040	.1292827
Stddev	.0019749	.003008	.0003712	.0019865	.002203	.38124	.0010668
%RSD	14.45878	778.7912	.5663552	138.1237	210.2048	.8802504	.8251394

#1	.0134611	-.003819	.0658152	.0011590	-.000871	42.93021	.1293229
#2	.0117902	.000868	.0656807	-.000394	-.003335	43.30832	.1281964
#3	.0157251	.001791	.0651157	.003550	.001061	43.69268	.1303287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013856	-.000119	3.517419	.0435432	.0021823	.0048738	28.97642
Stddev	.0000138	.000062	.026639	.0004752	.0000994	.0078178	.13644
%RSD	.9959624	51.79706	.7573484	1.091230	4.555393	160.4059	.4708771

#1	.0013723	-.000167	3.502453	.0436095	.0022907	.0135722	28.82975
#2	.0013999	-.000050	3.501628	.0439818	.0020955	-.001566	28.99994
#3	.0013847	-.000140	3.548175	.0430384	.0021605	.002615	29.09958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448530	1.594115	.0113403	.0018247	1.005153	.0684832	.1295339
Stddev	.0009897	.050380	.0003241	.0001305	.129115	.0054476	.0125473
%RSD	2.206645	3.160391	2.857945	7.153190	12.84534	7.954598	9.686466

#1	.0450479	1.644356	.0114912	.0017083	.968704	.0622162	.1173193
#2	.0437803	1.594394	.0115614	.0017999	.898180	.0711472	.1288933
#3	.0457307	1.543596	.0109682	.0019658	1.148574	.0720860	.1423892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668127	.3674467	.0293938	.0004559	.8320460	3.547973	.0003651
Stddev	.0542632	.0044811	.0008903	.0004733	.0056297	.046305	.0018385
%RSD	32.52939	1.219526	3.028885	103.8146	.6766143	1.305098	503.6065

#1	.1100131	.3693699	.0301681	.0001962	.8280798	3.565098	.0017263
#2	.1723028	.3706452	.0295924	.0001693	.8295685	3.495545	-.001726
#3	.2181220	.3623250	.0284210	.0010021	.8384895	3.583275	.001095

Sample Name: J4626-09 Acquired: 8/28/2018 15:06:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1625487	.0026167	.0127969
Stddev	.0174454	.0018141	.0000484
%RSD	10.73243	69.32668	.3781710

#1	.1752204	.0005355	.0127557
#2	.1697743	.0034515	.0127849
#3	.1426514	.0038632	.0128502

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.279	2416.659	46689.40	6058.223	3357.893
Stddev	2.681	2.224	101.21	10.993	5.458
%RSD	.1428760	.0920132	.2167643	.1814582	.1625521

#1	1874.225	2419.171	46769.27	6053.942	3363.433
#2	1875.299	2415.862	46575.58	6070.713	3357.726
#3	1879.311	2414.943	46723.33	6050.015	3352.520

Sample Name: J4626-10 Acquired: 8/28/2018 15:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056663	-.003992	.0456549	.0068032	-.001755	27.99114	.0740014
Stddev	.0013724	.001972	.0007947	.0035086	.001090	.03038	.0002771
%RSD	24.22027	49.40706	1.740645	51.57271	62.09257	.1085365	.3745111

#1	.0055010	-.001981	.0463945	.0055628	-.002978	27.97340	.0743102
#2	.0071138	-.004072	.0448147	.0040834	-.001398	28.02622	.0737742
#3	.0043840	-.005923	.0457555	.0107636	-.000889	27.97380	.0739198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005347	-.000040	2.492042	.0290107	.0014773	.0050757	8.991562
Stddev	.0000351	.000096	.006269	.0006754	.0004780	.0080884	.041615
%RSD	6.567079	239.2487	.2515737	2.328095	32.35615	159.3544	.4628246

#1	.0004945	.000069	2.485685	.0296066	.0009290	-.002143	8.969176
#2	.0005500	-.000109	2.492221	.0291485	.0018062	.013817	9.039578
#3	.0005595	-.000080	2.498220	.0282771	.0016967	.003553	8.965931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169698	1.360115	.0068569	.0010336	.3008654	.0443801	.1030472
Stddev	.0006312	.029208	.0003716	.0003498	.1368170	.0025581	.0128521
%RSD	3.719246	2.147461	5.419762	33.84255	45.47449	5.764171	12.47200

#1	.0165189	1.331925	.0070379	.0012972	.2824156	.0444704	.0997279
#2	.0176911	1.390244	.0064294	.0011670	.1742095	.0417780	.0921805
#3	.0166994	1.358175	.0071034	.0006368	.4459711	.0468919	.1172333

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007174	.3265904	.0097503	.0000692	.6735577	2.986902	-.000502
Stddev	.043318	.0044122	.0002005	.0000439	.0049544	.028851	.001475
%RSD	603.7798	1.351002	2.056524	63.45036	.7355610	.9659075	293.7750

#1	-.056864	.3225313	.0098519	.0000201	.6775468	2.960528	.000806
#2	.022634	.3259533	.0098796	.0000826	.6680119	3.017715	-.002101
#3	.012707	.3312865	.0095193	.0001048	.6751145	2.982463	-.000211

Sample Name: J4626-10 Acquired: 8/28/2018 15:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1183139	-.003037	.0145334
Stddev	.0023236	.000174	.0000364
%RSD	1.963923	5.717231	.2504554

#1	.1171056	-.003007	.0145566
#2	.1209927	-.002880	.0144914
#3	.1168435	-.003223	.0145521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.705	2398.784	46203.65	5986.942	3362.613
Stddev	9.453	6.975	118.98	46.224	8.098
%RSD	.5110479	.2907752	.2575024	.7720782	.2408337

#1	1859.135	2401.553	46184.82	5999.800	3368.646
#2	1840.229	2403.950	46095.21	5935.650	3365.783
#3	1849.750	2390.850	46330.92	6025.375	3353.409

Sample Name: J4626-11 Acquired: 8/28/2018 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094201	-.003373	.0639984	.0035353	-.002323	35.14347	.1127919
Stddev	.0020788	.004004	.0023634	.0011736	.001610	.07401	.0004290
%RSD	22.06790	118.6889	3.692867	33.19566	69.33328	.2106028	.3803445

#1	.0117922	-.007942	.0628947	.0042628	-.001093	35.07465	.1131579
#2	.0079157	-.000476	.0623888	.0041616	-.001729	35.13399	.1123198
#3	.0085525	-.001702	.0667117	.0021814	-.004146	35.22176	.1128979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010909	-.000090	2.429719	.0309226	.0019146	.0148478	19.69286
Stddev	.0000248	.000038	.015188	.0004554	.0003965	.0009437	.04944
%RSD	2.271194	41.95848	.6250756	1.472846	20.70793	6.355621	.2510431

#1	.0010660	-.000047	2.426680	.0312987	.0016657	.0147265	19.64036
#2	.0011155	-.000112	2.446196	.0304162	.0023718	.0139706	19.69971
#3	.0010911	-.000113	2.416280	.0310530	.0017062	.0158462	19.73852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180340	1.189979	.0085320	.0015462	.6266608	.0486122	.0637396
Stddev	.0007619	.049759	.0003361	.0005337	.2538613	.0002703	.0133121
%RSD	4.224945	4.181540	3.939320	34.51396	40.51016	.5560122	20.88518

#1	.0175620	1.178282	.0083413	.0012389	.3894344	.0483929	.0521087
#2	.0189130	1.147111	.0089201	.0021624	.8943991	.0489142	.0782588
#3	.0176271	1.244546	.0083345	.0012373	.5961489	.0485295	.0608513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2024363	.4792463	.0186194	.0005874	1.191803	4.028304	-.000133
Stddev	.0255750	.0036396	.0008221	.0001966	.003478	.049894	.000209
%RSD	12.63363	.7594375	4.415398	33.47158	.2918057	1.238578	157.5451

#1	.2291901	.4820201	.0193724	.0008144	1.188183	3.971674	.000002
#2	.1998880	.4751251	.0177423	.0004769	1.192106	4.065795	-.000027
#3	.1782308	.4805935	.0187435	.0004708	1.195119	4.047442	-.000373

Sample Name: J4626-11 Acquired: 8/28/2018 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1573331	-.001729	.0124633
Stddev	.0033271	.000994	.0001240
%RSD	2.114705	57.47313	.9950472

#1	.1610408	-.002347	.0124380
#2	.1563511	-.000583	.0123539
#3	.1546076	-.002259	.0125980

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.227	2417.898	46764.23	6135.069	3370.735
Stddev	12.727	6.773	67.92	11.053	4.002
%RSD	.6779428	.2801339	.1452427	.1801657	.1187338

#1	1876.225	2423.094	46816.39	6138.243	3374.068
#2	1865.032	2420.363	46788.88	6144.188	3371.841
#3	1890.426	2410.238	46687.42	6122.776	3366.296

Sample Name: J4626-12 Acquired: 8/28/2018 15:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085813	-.002039	.0687492	.0049785	-.001784	29.87171	.1538911
Stddev	.0022235	.002513	.0010342	.0020746	.001522	.12768	.0003124
%RSD	25.91114	123.2208	1.504339	41.67203	85.31569	.4274339	.2030014

#1	.0094278	.000851	.0685493	.0069769	-.003261	29.98484	.1537408
#2	.0102573	-.003264	.0698688	.0028352	-.001869	29.73327	.1536824
#3	.0060589	-.003705	.0678295	.0051234	-.000221	29.89703	.1542503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008665	.0000374	3.959098	.0279681	.0018074	.0046154	13.98515
Stddev	.0000231	.0000612	.018347	.0003339	.0001879	.0046633	.06461
%RSD	2.664941	163.4989	.4634213	1.193995	10.39674	101.0378	.4620032

#1	.0008573	-.000004	3.966794	.0280300	.0017532	.0098706	14.05377
#2	.0008928	.000108	3.938156	.0276076	.0020165	.0009714	13.97621
#3	.0008495	.000009	3.972344	.0282668	.0016526	.0030042	13.92547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256771	1.769192	.0090148	.0016418	.5400240	.0426393	.0966337
Stddev	.0009536	.041773	.0004395	.0001204	.2097102	.0040489	.0077486
%RSD	3.713949	2.361114	4.875604	7.332767	38.83349	9.495719	8.018517

#1	.0258451	1.800776	.0087348	.0015421	.4945062	.0468248	.0879845
#2	.0265356	1.721828	.0087882	.0016079	.7687549	.0423506	.0989748
#3	.0246506	1.784972	.0095214	.0017756	.3568110	.0387425	.1029418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2253265	.5943922	.0146141	.0005207	1.298783	3.452033	-.000170
Stddev	.0266301	.0047881	.0013502	.0001717	.009049	.038969	.000348
%RSD	11.81846	.8055365	9.238828	32.97220	.6967028	1.128862	205.2790

#1	.2050463	.5937319	.0158924	.0007047	1.289212	3.457097	.000212
#2	.2154491	.5899685	.0147478	.0004927	1.307198	3.410780	-.000250
#3	.2554841	.5994761	.0132020	.0003648	1.299939	3.488222	-.000470

Sample Name: J4626-12 Acquired: 8/28/2018 15:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1421091	-.004374	.0356710
Stddev	.0064306	.000833	.0000551
%RSD	4.525143	19.04761	.1545248

#1	.1390582	-.005093	.0357324
#2	.1494973	-.003461	.0356257
#3	.1377718	-.004569	.0356550

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.777	2384.133	45925.91	6028.367	3356.471
Stddev	11.019	7.236	144.95	9.833	9.296
%RSD	.6022058	.3035114	.3156246	.1631104	.2769619

#1	1824.452	2382.387	45836.85	6017.500	3360.746
#2	1822.433	2392.082	45847.71	6036.650	3362.861
#3	1842.448	2377.929	46093.17	6030.950	3345.807

Sample Name: J4626-13 Acquired: 8/28/2018 15:22:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185423	-.002356	.0638827	.0020038	-.001622	30.36647	.1393909
Stddev	.0021487	.002595	.0006926	.0011485	.001416	.08729	.0010845
%RSD	11.58813	110.1668	1.084160	57.31886	87.27495	.2874702	.7780052

#1	.0182068	-.002792	.0641099	.0023129	-.000696	30.41553	.1406338
#2	.0208391	.000430	.0631051	.0029661	-.000919	30.26568	.1386372
#3	.0165811	-.004705	.0644332	.0007323	-.003252	30.41820	.1389017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010722	.0001804	56.81941	.0441360	.0029868	.0258610	34.10799
Stddev	.0000288	.0000378	.16905	.0004786	.0002884	.0023698	.18835
%RSD	2.681189	20.93095	.2975157	1.084263	9.657220	9.163481	.5522062

#1	.0010680	.0002214	56.83030	.0445351	.0026840	.0285480	34.26551
#2	.0011028	.0001471	56.64519	.0436054	.0032584	.0240691	33.89936
#3	.0010458	.0001727	56.98276	.0442674	.0030180	.0249661	34.15910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3957692	2.867161	.0114009	.0015038	.3932356	.0677990	.1246800
Stddev	.0020273	.032372	.0001170	.0006111	.0053229	.0054832	.0066967
%RSD	.5122474	1.129047	1.026569	40.63728	1.353611	8.087410	5.371097

#1	.3970784	2.862858	.0115314	.0008180	.3992435	.0741228	.1322761
#2	.3934340	2.837156	.0113052	.0019907	.3913550	.0643672	.1196288
#3	.3967953	2.901469	.0113661	.0017025	.3891083	.0649071	.1221351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230565	.3999553	.0311683	.0014126	.8012656	2.817534	-.002310
Stddev	.0249987	.0009671	.0009152	.0003028	.0048339	.026364	.001025
%RSD	108.4235	.2417890	2.936188	21.43707	.6032839	.9357273	44.35018

#1	.0193596	.3993969	.0318221	.0015794	.7960093	2.804658	-.003484
#2	.0496978	.4010720	.0301224	.0015953	.8022671	2.847863	-.001857
#3	.0001122	.3993971	.0315603	.0010630	.8055203	2.800083	-.001591

Sample Name: J4626-13 Acquired: 8/28/2018 15:22:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1772795	.0017453	.3168840
Stddev	.0030704	.0008564	.0009724
%RSD	1.731931	49.06877	.3068598

#1	.1808221	.0023642	.3178709
#2	.1753857	.0021039	.3159268
#3	.1756308	.0007679	.3168543

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.144	2374.650	46259.78	6032.398	3309.891
Stddev	3.007	3.510	168.24	12.494	14.798
%RSD	.1643096	.1477938	.3636846	.2071125	.4470710

#1	1828.119	2377.729	46108.56	6039.706	3319.495
#2	1833.599	2375.391	46441.00	6039.516	3317.329
#3	1828.714	2370.828	46229.79	6017.971	3292.851

Sample Name: J4626-14 Acquired: 8/28/2018 15:26:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190145	-.004554	.0626558	-.001460	-.000085	31.67045	.2487826
Stddev	.0028660	.000629	.0011389	.001665	.002910	.10546	.0004216
%RSD	15.07256	13.82091	1.817685	114.0577	3427.011	.3329881	.1694645

#1	.0172762	-.005173	.0619972	-.000192	-.001325	31.71265	.2492674
#2	.0174450	-.004572	.0619993	-.000842	-.002169	31.55043	.2485787
#3	.0223224	-.003915	.0639708	-.003345	.003239	31.74828	.2485018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013020	.0007811	319.0722	.0533387	.0067440	.0614727	35.61901
Stddev	.0000846	.0001074	.8119	.0001757	.0002600	.0017622	.14779
%RSD	6.501182	13.75118	.2544592	.3294381	3.855024	2.866706	.4149139

#1	.0012047	.0008555	319.2147	.0531374	.0068900	.0606639	35.63796
#2	.0013424	.0008298	318.1985	.0534173	.0064438	.0634941	35.46267
#3	.0013589	.0006579	319.8034	.0534614	.0068982	.0602600	35.75642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5984958	18.99433	.0276195	.0015456	.3899902	.0728576	.2845114
Stddev	.0014492	.15427	.0005935	.0004558	.1455414	.0009926	.0053960
%RSD	.2421325	.8121647	2.148650	29.48917	37.31924	1.362316	1.896588

#1	.5992738	19.13352	.0270330	.0017092	.4672044	.0718347	.2793377
#2	.5993897	18.82847	.0282196	.0010306	.4806531	.0738167	.2840913
#3	.5968238	19.02100	.0276058	.0018971	.2221129	.0729213	.2901052

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956578	.9056557	.0362860	.0025510	2.466873	5.960744	-.002614
Stddev	.0449900	.0010535	.0008997	.0002181	.009930	.070074	.001006
%RSD	9.076828	.1163263	2.479437	8.550237	.4025373	1.175597	38.48272

#1	.5328428	.9064330	.0365661	.0027956	2.456085	6.032303	-.001710
#2	.4456478	.9060773	.0352796	.0023767	2.468904	5.892255	-.003698
#3	.5084828	.9044566	.0370124	.0024807	2.475631	5.957675	-.002435

Sample Name: J4626-14 Acquired: 8/28/2018 15:26:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3775861	.0249414	.7097127
Stddev	.0086527	.0013281	.0025755
%RSD	2.291588	5.324922	.3628995

#1	.3717770	.0261088	.7093789
#2	.3875306	.0252188	.7073203
#3	.3734508	.0234964	.7124389

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.676	2283.243	44639.66	5918.816	3138.791
Stddev	17.504	3.614	63.63	31.236	6.326
%RSD	.9902536	.1582688	.1425483	.5277409	.2015464

#1	1783.868	2280.993	44711.28	5883.085	3134.209
#2	1749.103	2287.411	44589.64	5932.414	3146.009
#3	1770.056	2281.324	44618.07	5940.947	3136.155

Sample Name: J4626-15 Acquired: 8/28/2018 15:30:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322427	-.003009	.1216803	-.002165	-.001960	21.58066	.2024566
Stddev	.0012588	.001176	.0014836	.002708	.002189	.07910	.0004774
%RSD	3.904145	39.08265	1.219287	125.0657	111.6915	.3665248	.2358033

#1	.0315730	-.002626	.1199852	-.004000	.000055	21.67121	.2026612
#2	.0314603	-.004328	.1227429	.000945	-.001647	21.52504	.2027977
#3	.0336947	-.002071	.1223128	-.003441	-.004290	21.54573	.2019110

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011310	.0006499	20.06831	.0606935	.0069511	1.238344	63.14213
Stddev	.0000552	.0000375	.03029	.0005319	.0001811	.002078	.40941
%RSD	4.883987	5.772180	.1509465	.8764268	2.604826	.1678131	.6483881

#1	.0010674	.0006096	20.09902	.0610494	.0071579	1.239929	63.57420
#2	.0011661	.0006839	20.06745	.0609490	.0068209	1.239111	62.75997
#3	.0011597	.0006561	20.03845	.0600820	.0068746	1.235991	63.09222

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4011666	1.308190	.0284858	.0025564	.3366364	.0545507	.7846527
Stddev	.0011877	.023471	.0001175	.0001862	.0670164	.0045454	.0018625
%RSD	.2960654	1.794158	.4125641	7.284113	19.90765	8.332329	.2373726

#1	.4024748	1.288356	.0284576	.0025648	.2678323	.0500408	.7864391
#2	.4001559	1.334102	.0283850	.0023661	.3403676	.0544806	.7847967
#3	.4008691	1.302112	.0286149	.0027382	.4017092	.0591307	.7827223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1816293	.5620012	.0597171	.0051570	.9986383	3.363924	.0054855
Stddev	.0341699	.0017569	.0008873	.0004135	.0114263	.077835	.0013926
%RSD	18.81297	.3126148	1.485850	8.018873	1.144186	2.313803	25.38615

#1	.1547889	.5625753	.0602015	.0051800	.9856087	3.451951	.0047413
#2	.2200949	.5633992	.0586931	.0055585	1.006951	3.304204	.0070920
#3	.1700040	.5600290	.0602569	.0047324	1.003355	3.335616	.0046231

Sample Name: J4626-15 Acquired: 8/28/2018 15:30:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1879334	-.002120	.0474967
Stddev	.0093040	.002034	.0001386
%RSD	4.950706	95.93034	.2918241

#1	.1792167	-.000529	.0476211
#2	.1977304	-.001419	.0473473
#3	.1868532	-.004411	.0475216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.642	2391.311	46476.92	6063.258	3373.635
Stddev	13.545	8.194	133.92	52.317	9.469
%RSD	.7315029	.3426637	.2881373	.8628611	.2806745

#1	1836.128	2397.025	46387.53	6003.375	3377.021
#2	1857.680	2394.986	46412.36	6086.300	3380.946
#3	1861.117	2381.923	46630.89	6100.100	3362.939

Sample Name: J4626-16 Acquired: 8/28/2018 15:34:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054810	-.004204	.0662234	.0051180	-.002104	33.43161	.0880603
Stddev	.0020260	.000218	.0023448	.0009270	.000980	.19707	.0010055
%RSD	36.96371	5.186480	3.540698	18.11344	46.56946	.5894749	1.141812

#1	.0054858	-.004243	.0638866	.0053707	-.002039	33.46910	.0882399
#2	.0075046	-.004399	.0685760	.0058925	-.001158	33.21849	.0869771
#3	.0034526	-.003969	.0662077	.0040908	-.003115	33.60725	.0889638

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011308	-.000099	.5201837	.0272641	.0011637	.0022611	8.395266
Stddev	.0000827	.000050	.0236968	.0002673	.0001373	.0004490	.040163
%RSD	7.310029	50.18088	4.555460	.9805009	11.79981	19.85896	.4784028

#1	.0010496	-.000129	.5422948	.0270641	.0012715	.0020359	8.430443
#2	.0012149	-.000125	.5230874	.0275677	.0010091	.0019693	8.403850
#3	.0011278	-.000042	.4951689	.0271604	.0012106	.0027782	8.351505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207605	.6464433	.0061102	.0011220	.2861456	.0468583	.0512863
Stddev	.0010486	.0184679	.0002300	.0000518	.0754405	.0056372	.0056215
%RSD	5.051191	2.856853	3.763745	4.617377	26.36436	12.03023	10.96102

#1	.0205529	.6428037	.0062752	.0011809	.3704100	.0413230	.0572810
#2	.0218975	.6664601	.0058475	.0010835	.2248851	.0525921	.0504451
#3	.0198312	.6300662	.0062080	.0011015	.2631416	.0466598	.0461328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3672072	.2623312	.0081506	.0002997	.6844446	3.788166	-.000039
Stddev	.0998574	.0035263	.0004107	.0002598	.0065952	.053835	.001164
%RSD	27.19374	1.344215	5.038511	86.68525	.9635762	1.421132	2949.728

#1	.3002979	.2588405	.0084017	.0005667	.6772293	3.839131	.000712
#2	.4819875	.2622610	.0083733	.0002850	.6859426	3.731859	.000550
#3	.3193362	.2658921	.0076767	.0000476	.6901619	3.793507	-.001381

Sample Name: J4626-16 Acquired: 8/28/2018 15:34:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3G0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1543877	-.002863	.0062085
Stddev	.0065827	.001012	.0001175
%RSD	4.263736	35.36473	1.892090

#1	.1613370	-.003420	.0060795
#2	.1482462	-.001694	.0063094
#3	.1535801	-.003474	.0062365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.315	2431.010	46997.22	6112.290	3371.203
Stddev	11.222	12.338	140.79	45.876	20.692
%RSD	.5984073	.5075129	.2995718	.7505526	.6137788

#1	1865.677	2440.033	46834.76	6077.769	3386.010
#2	1872.633	2436.045	47083.66	6164.348	3380.039
#3	1887.635	2416.951	47073.24	6094.754	3347.560

Sample Name: J4626-17 Acquired: 8/28/2018 15:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071220	-.003856	.0360594	.0027378	-.002812	29.32690	.0775391
Stddev	.0014927	.002084	.0009529	.0019013	.001244	.03739	.0008950
%RSD	20.95861	54.04006	2.642676	69.44626	44.25224	.1274904	1.154322

#1	.0056692	-.003601	.0371527	.0006747	-.001830	29.30120	.0765796
#2	.0086516	-.001912	.0356200	.0044195	-.002395	29.36979	.0783514
#3	.0070452	-.006056	.0354054	.0031191	-.004211	29.30970	.0776864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005843	-.000092	.3900095	.0265453	.0018857	.0074716	26.99135
Stddev	.0000441	.000176	.0082978	.0001335	.0002068	.0017138	.09284
%RSD	7.540020	191.8081	2.127582	.5028713	10.96708	22.93697	.3439483

#1	.0005691	-.000225	.3988342	.0266895	.0016586	.0089577	26.96665
#2	.0005499	.000108	.3888294	.0265207	.0020632	.0078603	26.91336
#3	.0006340	-.000157	.3823650	.0264259	.0019354	.0055969	27.09404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400572	.7339914	.0068479	.0012468	.0737146	.0517319	.0378929
Stddev	.0013997	.0132237	.0003019	.0001854	.0675161	.0064226	.0067698
%RSD	3.494191	1.801614	4.408808	14.86894	91.59116	12.41513	17.86560

#1	.0394718	.7209307	.0071908	.0010360	.1442157	.0445378	.0456845
#2	.0416545	.7473723	.0067311	.0013199	.0096437	.0537693	.0334517
#3	.0390452	.7336711	.0066219	.0013845	.0672844	.0568887	.0345423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4514664	.1943806	.0226195	.0004025	.4194943	2.977654	-.000364
Stddev	.0611060	.0020315	.0003287	.0001123	.0045524	.046626	.001046
%RSD	13.53501	1.045115	1.453205	27.90369	1.085216	1.565850	287.4478

#1	.4313331	.1961152	.0222441	.0004866	.4223574	2.928522	-.000185
#2	.4029674	.1948808	.0227588	.0002749	.4142448	3.021286	-.001488
#3	.5200986	.1921457	.0228557	.0004460	.4218807	2.983155	.000581

Sample Name: J4626-17 Acquired: 8/28/2018 15:39:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1867289	-.006125	.0092824
Stddev	.0198142	.002111	.0000431
%RSD	10.61121	34.45839	.4645034

#1	.1732795	-.003688	.0093138
#2	.1774244	-.007315	.0092332
#3	.2094829	-.007373	.0093002

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.603	2403.228	46427.96	6031.317	3376.994
Stddev	4.773	5.981	61.71	7.443	6.984
%RSD	.2573359	.2488731	.1329203	.1234011	.2068105

#1	1853.468	2406.902	46484.98	6023.325	3378.930
#2	1850.499	2406.455	46436.46	6038.050	3382.805
#3	1859.840	2396.327	46362.44	6032.575	3369.246

Sample Name: J4626-18 Acquired: 8/28/2018 15:43:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062238	-.002985	.0465329	.0046045	-.001092	33.79602	.0711918
Stddev	.0041890	.001822	.0014637	.0025075	.000521	.02700	.0003207
%RSD	67.30635	61.04546	3.145523	54.45690	47.76173	.0798861	.4505296

#1	.0030691	-.002150	.0453737	.0018129	-.000498	33.76770	.0714280
#2	.0046256	-.005075	.0460473	.0066657	-.001475	33.82146	.0713207
#3	.0109766	-.001730	.0481777	.0053349	-.001302	33.79890	.0708266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009831	-.000170	.5393796	.0265493	.0013274	-.000027	15.93089
Stddev	.0000666	.000072	.0120971	.0004617	.0001481	.000833	.01412
%RSD	6.771351	42.01314	2.242784	1.738907	11.15396	3040.079	.0886116

#1	.0009828	-.000214	.5334279	.0268004	.0012355	-.000413	15.93178
#2	.0010498	-.000209	.5314114	.0268309	.0014982	-.000598	15.91634
#3	.0009167	-.000088	.5532996	.0260165	.0012486	.000929	15.94453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132205	.6165964	.0053704	.0013698	.0542347	.0539002	.0324866
Stddev	.0012160	.0333989	.0001822	.0002529	.2485416	.0040694	.0092898
%RSD	9.197858	5.416655	3.393198	18.46482	458.2709	7.549802	28.59578

#1	.0138887	.6262617	.0052415	.0016292	.0473686	.0550199	.0410657
#2	.0118169	.5794308	.0055789	.0011239	-.190803	.0493881	.0226203
#3	.0139559	.6440968	.0052909	.0013563	.306138	.0572924	.0337737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2568904	.1817385	.0131976	.0000426	.3887324	4.189474	-.000727
Stddev	.0570821	.0016606	.0010758	.0001289	.0096621	.037320	.000162
%RSD	22.22041	.9137345	8.151275	302.4389	2.485541	.8908036	22.35804

#1	.2846631	.1822360	.0132547	-.000103	.3916632	4.206611	-.000857
#2	.2947716	.1830934	.0142437	.000088	.3779443	4.215147	-.000544
#3	.1912366	.1798859	.0120944	.000143	.3965898	4.146663	-.000779

Sample Name: J4626-18 Acquired: 8/28/2018 15:43:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3G2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1734886	.0007860	.0055733
Stddev	.0046153	.0009963	.0000829
%RSD	2.660282	126.7515	1.488214

#1	.1786728	.0009487	.0054833
#2	.1719659	.0016909	.0055899
#3	.1698270	-.000282	.0056466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.103	2421.134	46655.64	6054.579	3381.505
Stddev	15.214	5.126	123.78	38.258	8.975
%RSD	.8113822	.2117388	.2653017	.6318826	.2654101

#1	1859.484	2416.286	46516.49	6074.032	3374.086
#2	1889.877	2426.499	46696.97	6079.203	3391.480
#3	1875.949	2420.618	46753.47	6010.504	3378.947

Sample Name: J4626-04 Acquired: 8/28/2018 15:47:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5164183	-.006169	.4555412	.0011725	.1326826	17.41041
Stddev	.0045237	.001431	.0025486	.0054881	.0011829	.08057
%RSD	.8759841	23.20251	.5594732	468.0762	.8915154	.4627975

#1	.5157762	-.007702	.4555895	.0047661	.1339946	17.48358
#2	.5122499	-.005938	.4529688	-.005145	.1323555	17.32406
#3	.5212288	-.004868	.4580654	.003896	.1316977	17.42358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350382	.0022397	.4984725	676.1923	7.080954	.6268744
Stddev	.006370	.0000695	.0021770	1.9705	.014784	.0018860
%RSD	.4717222	3.103851	.4367440	.2914094	.2087875	.3008509

#1	1.357730	.0021628	.4977445	677.6934	7.089242	.6278653
#2	1.347009	.0022981	.4967528	673.9609	7.063885	.6246996
#3	1.346409	.0022582	.5009203	676.9225	7.089735	.6280584

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 39.00409	118.9390	1.906648	319.2522	F 7.860388	.0248278
Stddev	.04536	.3250	.002132	.8024	.028546	.0001085
%RSD	.1162961	.2732110	.1117997	.2513238	.3631665	.4368429

#1	38.98075	118.9101	1.905112	319.5295	7.839053	.0247089
#2	38.97515	118.6294	1.905750	318.3480	7.849294	.0248532
#3	39.05637	119.2774	1.909082	319.8792	7.892816	.0249213

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555069	.2286591	1.277160	6.299514	3.154691	.1443335
Stddev	.014548	.0088191	.016621	.053365	.012930	.0019825
%RSD	.9355368	3.856874	1.301411	.8471287	.4098522	1.373587

#1	1.552008	.2304495	1.261594	6.253151	3.146350	.1433893
#2	1.570904	.2364456	1.294666	6.287544	3.148138	.1466116
#3	1.542294	.2190822	1.275221	6.357847	3.169585	.1429995

Sample Name: J4626-04 Acquired: 8/28/2018 15:47:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203985	1.549121	2.446905	-.002730	.5046021	.0360991
Stddev	.0003903	.008868	.034015	.001098	.0013438	.0017519
%RSD	1.913366	.5724581	1.390120	40.22068	.2663129	4.853185

#1	.0199543	1.547432	2.472973	-.001551	.5056693	.0380618
#2	.0206866	1.541219	2.459315	-.003724	.5050440	.0346933
#3	.0205546	1.558712	2.408428	-.002915	.5030929	.0355420

Elem	Sr4077
Units	ppm
Avg	.4612133
Stddev	.0002510
%RSD	.0544188

#1	.4614990
#2	.4611124
#3	.4610285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.243	2144.272	44178.88	5847.056	2853.266
Stddev	19.102	8.627	84.58	20.757	10.484
%RSD	1.129460	.4023277	.1914593	.3549980	.3674403

#1	1703.611	2150.197	44149.02	5841.497	2860.149
#2	1669.242	2148.244	44113.29	5870.027	2858.448
#3	1700.874	2134.374	44274.35	5829.645	2841.200

Sample Name: J4604-03ARE Acquired: 8/28/2018 15:51:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1370137	.0098509	4.438667	.1012933	.0161025	21.50371	.1958777
Stddev	.0020535	.0021758	.023808	.0040945	.0023981	.06543	.0003688
%RSD	1.498736	22.08775	.5363679	4.042198	14.89300	.3042847	.1882925

#1	.1393676	.0120666	4.428412	.1060004	.0176168	21.56113	.1957150
#2	.1355894	.0077172	4.421705	.0993230	.0133375	21.43247	.1962999
#3	.1360842	.0097688	4.465883	.0985565	.0173531	21.51753	.1956182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043076	.0446134	18.99196	.0645407	.0182929	1.242037	206.6029
Stddev	.0000903	.0001715	.07164	.0004266	.0003857	.004023	.2811
%RSD	2.095328	.3844391	.3772250	.6610448	2.108326	.3239198	.1360499

#1	.0043666	.0445028	19.07347	.0648867	.0180293	1.242035	206.6349
#2	.0043524	.0448110	18.93898	.0646714	.0181139	1.238014	206.3072
#3	.0042036	.0445264	18.96343	.0640640	.0187356	1.246060	206.8666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.12903	3.854788	.0066105	.0072884	5.860163	.1427844	12.43965
Stddev	.01491	.046011	.0001270	.0002439	.024289	.0028225	.11230
%RSD	.1228942	1.193607	1.920384	3.345880	.4144837	1.976747	.9027275

#1	12.13394	3.828167	.0067364	.0075694	5.857135	.1458084	12.34868
#2	12.11229	3.828281	.0066126	.0071323	5.885825	.1423251	12.40511
#3	12.14086	3.907917	.0064825	.0071634	5.837530	.1402197	12.56516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.113363	10.77575	.5912451	-.000774	1400.303	12.71600	-.001578
Stddev	.023374	.08721	.0019863	.000137	12.410	.08702	.000719
%RSD	.2564847	.8092889	.3359467	17.74601	.8862060	.6843013	45.55166

#1	9.088175	10.79333	.5933937	-.000870	1397.677	12.81562	-.002196
#2	9.117559	10.68109	.5908658	-.000617	1389.417	12.67751	-.000789
#3	9.134355	10.85282	.5894759	-.000835	1413.815	12.65487	-.001749

Sample Name: J4604-03ARE Acquired: 8/28/2018 15:51:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A16A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0701070	-.003845	.0649868
Stddev	.0037598	.000377	.0001003
%RSD	5.362942	9.806124	.1543816

#1	.0686918	-.003605	.0649263
#2	.0672602	-.004280	.0649316
#3	.0743691	-.003651	.0651026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.102	2586.940	50182.56	6498.651	3434.839
Stddev	10.771	5.928	216.78	24.706	12.770
%RSD	.5347673	.2291410	.4319853	.3801720	.3717827

#1	2022.700	2589.927	50386.32	6473.425	3444.300
#2	2017.586	2590.780	50206.60	6522.802	3439.903
#3	2002.021	2580.113	49954.76	6499.725	3420.313

Sample Name: J4626-04DLX2 Acquired: 8/28/2018 15:55:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDB3F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2611872	-.000732	.2271382	.0028971	.0647587	8.793789	.6871887
Stddev	.0039863	.002008	.0016102	.0023819	.0011614	.054904	.0011519
%RSD	1.526230	274.2672	.7088844	82.21774	1.793416	.6243508	.1676314

#1	.2568435	.000316	.2262275	.0015528	.0654887	8.768156	.6874254
#2	.2646781	.000535	.2261898	.0014912	.0634195	8.756389	.6859367
#3	.2620400	-.003048	.2289973	.0056473	.0653680	8.856822	.6882039

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012732	.2505059	345.0582	3.633099	.3099877	19.21004	61.77786
Stddev	.0001075	.0004715	.4017	.008920	.0012134	.09546	.13881
%RSD	8.442277	.1882359	.1164016	.2455316	.3914244	.4969097	.2246857

#1	.0012340	.2500448	345.0290	3.625150	.3094607	19.31754	61.77767
#2	.0011909	.2504855	344.6720	3.642747	.3091269	19.17734	61.63915
#3	.0013948	.2509873	345.4737	3.631402	.3113754	19.13523	61.91676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9841555	166.2547	3.944339	.0131006	.9092825	.1158748	.6408237
Stddev	.0038015	.3234	.019338	.0007154	.0998604	.0043790	.0176864
%RSD	.3862750	.1944920	.4902791	5.460521	10.98232	3.779108	2.759943

#1	.9861472	166.4145	3.925323	.0123733	1.004807	.1174472	.6374095
#2	.9797719	165.8826	3.943711	.0131252	.917452	.1192505	.6599682
#3	.9865472	166.4670	3.963984	.0138034	.805588	.1109267	.6250933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.128706	1.546218	.0776435	.0105179	.9696465	1.212813	-.004323
Stddev	.031298	.005485	.0016493	.0001192	.0208664	.014839	.001125
%RSD	1.000351	.3547075	2.124262	1.133523	2.151957	1.223552	26.03212

#1	3.105910	1.552160	.0779806	.0104390	.9933512	1.222862	-.003057
#2	3.115818	1.545146	.0758516	.0104597	.9615321	1.219810	-.004702
#3	3.164391	1.541349	.0790982	.0106550	.9540563	1.195769	-.005211

Sample Name: J4626-04DLX2 Acquired: 8/28/2018 15:55:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDB3F0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2536533	.0156427	.2357921
Stddev	.0030140	.0007472	.0004563
%RSD	1.188226	4.776948	.1934948

#1	.2519053	.0159179	.2363174
#2	.2519210	.0162133	.2354947
#3	.2571335	.0147969	.2355642

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.064	2191.799	43593.60	5779.936	3013.314
Stddev	15.398	3.474	228.97	22.625	4.024
%RSD	.9105268	.1584862	.5252423	.3914402	.1335290

#1	1674.701	2190.520	43389.30	5767.593	3017.438
#2	1693.223	2195.730	43550.40	5766.167	3013.106
#3	1705.268	2189.145	43841.09	5806.048	3009.398

Sample Name: J4604-03A Acquired: 8/28/2018 15:59:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH1A16A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1460881	.0114168	4.517221	.0487893	.0138079	21.70587	.1983529
Stddev	.0032421	.0058237	.021191	.0037859	.0013293	.10545	.0004086
%RSD	2.219296	51.00934	.4691057	7.759760	9.626852	.4858068	.2060037

#1	.1447909	.0104345	4.501127	.0497121	.0134782	21.81416	.1987113
#2	.1436955	.0061468	4.509307	.0446273	.0152710	21.60351	.1979079
#3	.1497780	.0176692	4.541230	.0520286	.0126745	21.69994	.1984396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043437	.0452270	19.30019	.0646710	.0186774	1.255318	208.4314
Stddev	.0001257	.0001957	.07135	.0003596	.0002923	.002565	.5859
%RSD	2.894663	.4326224	.3696816	.5561045	1.565118	.2043048	.2811059

#1	.0044371	.0450041	19.37228	.0642831	.0184126	1.256361	209.0567
#2	.0042007	.0453061	19.22960	.0647367	.0186285	1.257197	208.3422
#3	.0043933	.0453707	19.29869	.0649933	.0189911	1.252396	207.8951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.24803	3.865370	.0071388	.0074878	5.796920	.1484477	12.40006
Stddev	.03932	.070363	.0005656	.0001745	.136824	.0034322	.10954
%RSD	.3210151	1.820348	7.923172	2.329994	2.360293	2.312053	.8833971

#1	12.29270	3.879138	.0066777	.0073986	5.742057	.1455670	12.39266
#2	12.21868	3.927832	.0077699	.0076888	5.696042	.1522452	12.51311
#3	12.23271	3.789141	.0069687	.0073759	5.952661	.1475310	12.29440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.249638	10.95943	.5928479	-.000682	1422.525	12.94645	-.000944
Stddev	.080816	.06959	.0034527	.000083	7.065	.04212	.001189
%RSD	.8737154	.6349466	.5823849	12.23527	.4966763	.3253441	125.8800

#1	9.254091	10.89024	.5952288	-.000645	1416.326	12.99508	.000421
#2	9.328136	10.95865	.5944268	-.000623	1421.031	12.92145	-.001506
#3	9.166689	11.02940	.5888881	-.000777	1430.218	12.92282	-.001748

Sample Name: J4604-03A Acquired: 8/28/2018 15:59:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH1A16A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0678455	-.004169	.0657683
Stddev	.0029003	.000733	.0001566
%RSD	4.274878	17.58223	.2380749

#1	.0669697	-.004756	.0656798
#2	.0710828	-.004404	.0659491
#3	.0654840	-.003347	.0656760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.861	2578.846	50461.26	6477.365	3418.149
Stddev	8.435	7.589	69.04	27.964	16.329
%RSD	.4176225	.2942950	.1368204	.4317130	.4777247

#1	2020.171	2584.336	50528.92	6464.890	3429.230
#2	2011.275	2582.016	50390.92	6509.395	3425.821
#3	2028.137	2570.185	50463.94	6457.810	3399.396

Sample Name: CCV009 Acquired: 8/28/2018 16:03:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048515	4.997531	25.28348	4.805949	5.109575	392.3340
Stddev	.015479	.008167	.13952	.016277	.017834	1.6414
%RSD	.3066050	.1634250	.5518137	.3386920	.3490359	.4183768

#1	5.046525	4.993935	25.20097	4.787767	5.101484	394.0911
#2	5.034127	4.991779	25.20491	4.810915	5.097221	392.0708
#3	5.064893	5.006879	25.44457	4.819165	5.130021	390.8401

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40125	.4788347	2.461784	381.9008	14.98993	2.519659
Stddev	.02998	.0035710	.008809	1.4177	.01150	.007591
%RSD	.2882818	.7457623	.3578309	.3712105	.0767411	.3012748

#1	10.41877	.4829572	2.460300	383.5113	14.99091	2.515203
#2	10.41834	.4768463	2.453810	381.3492	15.00091	2.515350
#3	10.36662	.4767005	2.471240	380.8418	14.97797	2.528424

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.17936	377.3180	14.54857	385.7571	2.583420	1.250318
Stddev	.02747	2.2694	.05010	1.8218	.010907	.006992
%RSD	.1809401	.6014513	.3443489	.4722750	.4221942	.5592260

#1	15.15661	379.7499	14.60641	387.6351	2.575428	1.254583
#2	15.20987	376.9472	14.51962	385.6391	2.578986	1.254122
#3	15.17160	375.2568	14.51967	383.9972	2.595846	1.242248

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.3455	2.510026	15.16777	156.8202	F 5.553553	4.919745
Stddev	1.7890	.015665	.02009	.8595	.018611	.026316
%RSD	.4525030	.6240980	.1324680	.5480907	.3351191	.5349014

#1	397.2333	2.518647	15.17134	157.7682	5.539326	4.950131
#2	395.1277	2.519487	15.18585	156.6007	5.546718	4.904785
#3	393.6754	2.491944	15.14614	156.0917	5.574615	4.904320

Sample Name: CCV009 Acquired: 8/28/2018 16:03:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.962552	5.541409	4.769730	5.129085	5.095185	5.273860
Stddev	.008828	.028014	.040736	.033140	.005943	.002251
%RSD	.1778833	.5055382	.8540603	.6461128	.1166307	.0426896

#1	4.953950	5.568973	4.816656	5.119931	5.100275	5.273977
#2	4.962117	5.542288	4.749070	5.101485	5.096625	5.276050
#3	4.971589	5.512965	4.743463	5.165840	5.088655	5.271552

Elem	Sr4077
Units	ppm
Avg	5.101124
Stddev	.043669
%RSD	.8560739

#1	5.148532
#2	5.062541
#3	5.092298

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.781	1970.101	40828.25	5497.197	2680.959
Stddev	2.888	4.979	109.27	41.341	11.022
%RSD	.1867401	.2527381	.2676279	.7520403	.4111172

#1	1543.499	1969.499	40728.56	5449.526	2681.700
#2	1547.906	1975.354	40811.12	5523.191	2691.592
#3	1548.937	1965.450	40945.07	5518.875	2669.585

Sample Name: CCB009 Acquired: 8/28/2018 16:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003139	.0012338	.0014963	.0014871	-.000999	-.007119
Stddev	.001259	.0020227	.0004807	.0017124	.001544	.004909
%RSD	40.09601	163.9418	32.12239	115.1550	154.5714	68.95899

#1	-.002299	.0032769	.0020100	.0019181	.000762	-.007829
#2	-.002533	-.000768	.0010575	.0029428	-.001635	-.011635
#3	-.004587	.001192	.0014215	-.000400	-.002123	-.001894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000588	.0000576	-.000031	.0192265	-.000107	-.000101
Stddev	.000263	.0000265	.000058	.0162935	.000392	.000240
%RSD	44.78512	46.10069	186.5323	84.74457	364.6036	238.0994

#1	-.000889	.0000436	-.000017	.0379832	-.000434	-.000377
#2	-.000406	.0000409	-.000094	.0111198	-.000216	.000060
#3	-.000467	.0000882	.000018	.0085766	.000327	.000014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015887	-.010590	.0000026	.0516708	.0000537	.0004978
Stddev	.0037176	.009411	.0007116	.0483456	.0004406	.0001360
%RSD	234.0075	88.86684	27430.80	93.56463	821.2164	27.31720

#1	.0024656	-.019047	-.000803	.0990461	.0003602	.0006202
#2	-.002489	-.012271	.000545	.0535561	-.000451	.0005218
#3	.004789	-.000452	.000266	.0024101	.000252	.0003514

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1323574	-.002737	-.001128	-.011028	-.003185	F .0115221
Stddev	.2089819	.007205	.008324	.083072	.000682	.0012663
%RSD	157.8922	263.2842	738.2335	753.2850	21.42486	10.99024

#1	.2521508	.005571	-.008471	-.040018	-.003973	.0125528
#2	.2538735	-.006494	.007915	-.075720	-.002805	.0119049
#3	-.108952	-.007286	-.002827	.082654	-.002778	.0101085

Sample Name: CCB009 Acquired: 8/28/2018 16:07:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v638) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001540	.1289285	.0015589	.0008062	-.002740	-.001238
Stddev	.0000882	.0100454	.0016440	.0006116	.002016	.001574
%RSD	57.27286	7.791426	105.4616	75.86211	73.57179	127.0919

#1	.0000549	.1373180	-.000304	.0013068	-.001079	.000204
#2	.0002239	.1316707	.002807	.0009872	-.004982	-.002917
#3	.0001832	.1177968	.002173	.0001245	-.002158	-.001001

Elem	Sr4077
Units	ppm
Avg	-.000148
Stddev	.000065
%RSD	44.18028

#1	-.000074
#2	-.000199
#3	-.000170

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.533	2315.065	44492.57	5737.483	3310.301
Stddev	2.758	6.285	110.93	37.207	7.207
%RSD	.1537958	.2714632	.2493250	.6484956	.2177017

#1	1796.439	2317.905	44620.26	5775.700	3313.994
#2	1790.950	2319.428	44437.53	5701.375	3314.913
#3	1793.212	2307.861	44419.93	5735.375	3301.997