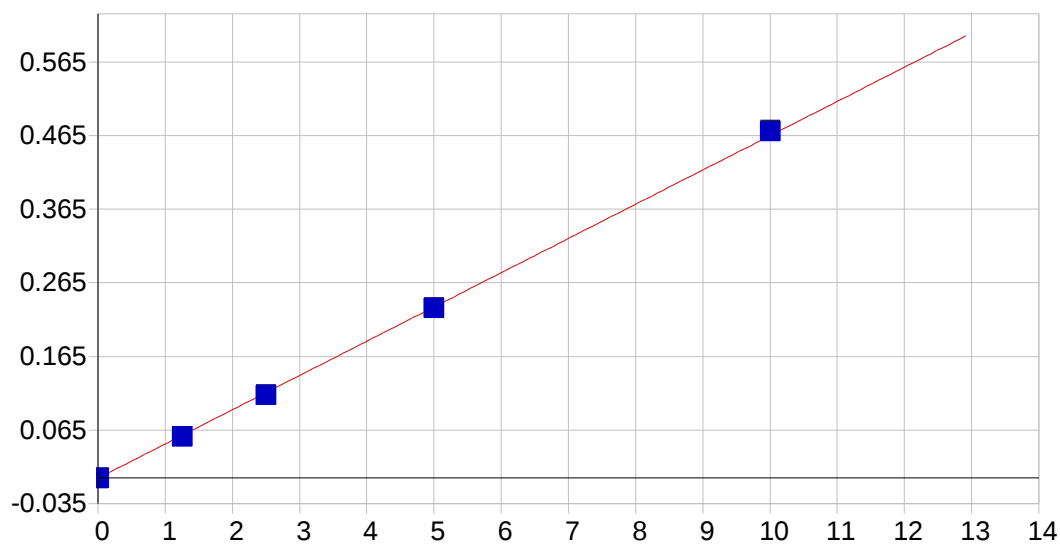


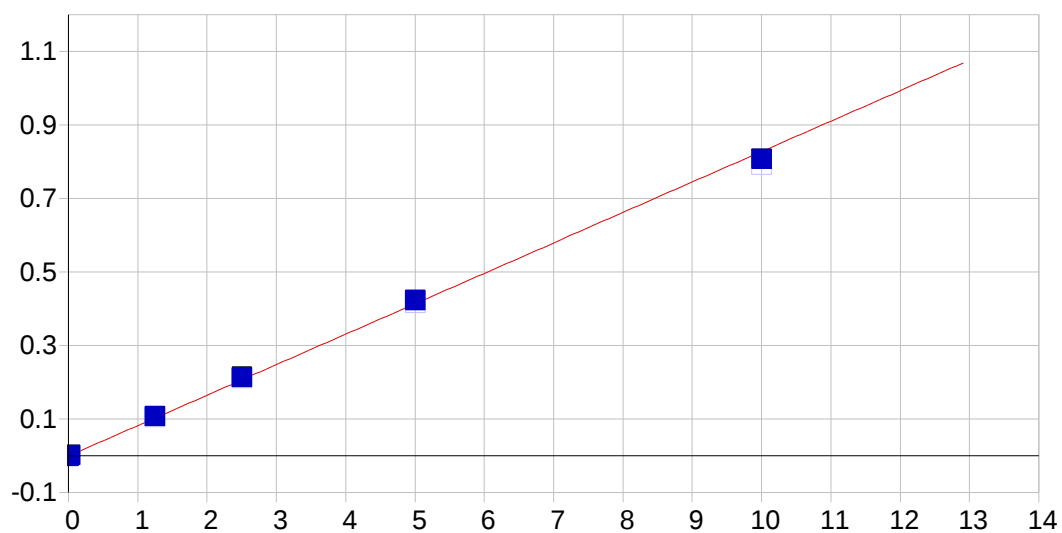


As 189.042 {479}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000481 Re-Slope: 1.000000
 A1 (Gain): 0.046519 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003374
 Predicted MQL: 0.011248

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.01000	.00788	-.002	-21.2	-.00011	.000	1
S2	1.2500	1.2127	-.037	-2.98	.05573	.000	1
S3	2.5000	2.4322	-.068	-2.71	.11225	.001	1
S4	5.0000	4.9702	-.030	-.596	.22990	.000	1
S5	10.000	10.137	.137	1.37	.46942	.001	1

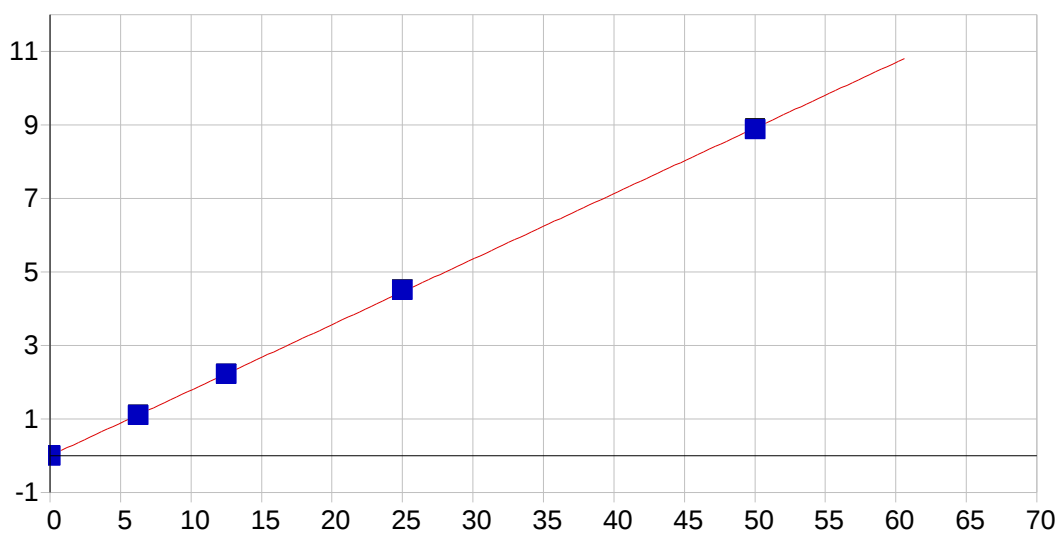


TI 190.856 {477}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000775 Re-Slope: 1.000000
 A1 (Gain): 0.082842 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999614 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001766
 Predicted MQL: 0.005887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00077	.000	1
S1	.02500	.02593	.001	3.73	.00129	.000	1
S2	1.2500	1.2987	.049	3.89	.10490	.000	1
S3	2.5000	2.5899	.090	3.60	.20996	.001	1
S4	5.0000	5.1116	.112	2.23	.41504	.002	1
S5	10.000	9.7488	-.251	-2.51	.79156	.001	1

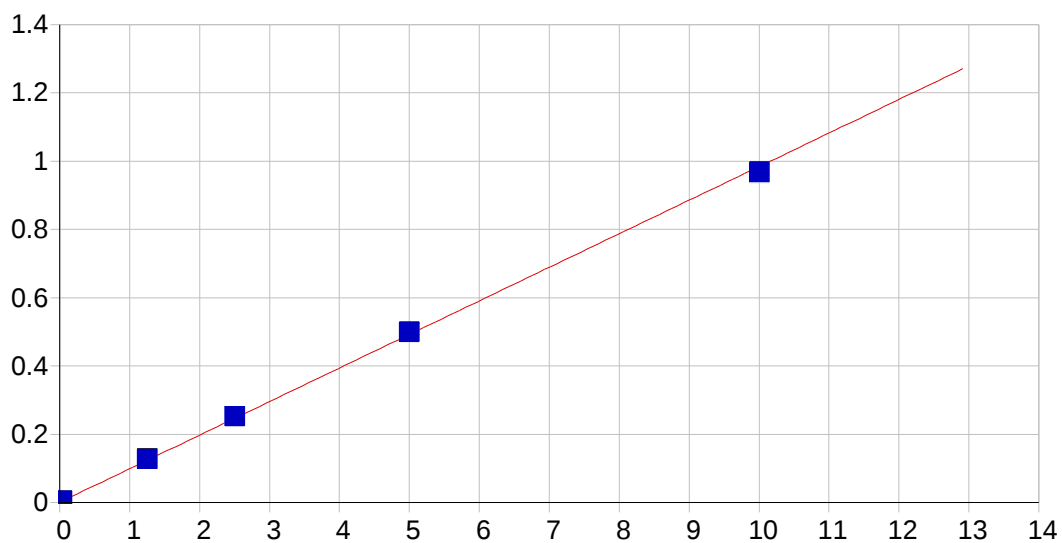


Pb 220.353 {453}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000
 A1 (Gain): 0.178331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001670
 Predicted MQL: 0.005566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.01000	.01113	.001	11.3	.00159	.000	1
S2	6.2500	6.2012	-.049	-.781	1.1054	.002	1
S3	12.500	12.444	-.056	-.445	2.2186	.004	1
S4	25.000	25.310	.310	1.24	4.5127	.010	1
S5	50.000	49.793	-.207	-.413	8.8785	.015	1



Date of Fit: 12/13/2018 15:00:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000554

Re-Slope: 1.000000

A1 (Gain): 0.098364

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999801

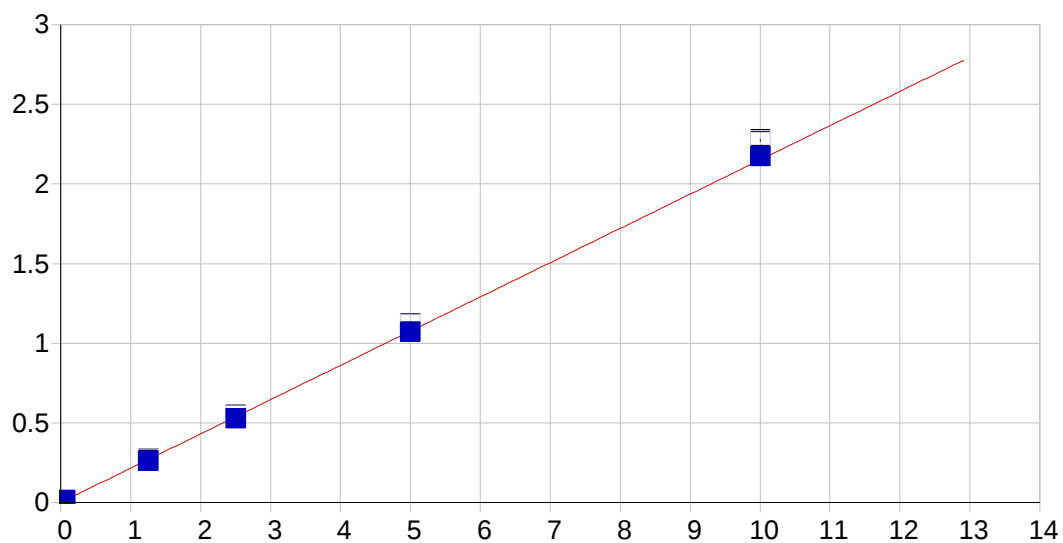
Status: OK.

Std Error of Est: 0.000061

Predicted MDL: 0.002466

Predicted MQL: 0.008220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00055	.000	1
S1	.03500	.03953	.005	12.9	.00444	.000	1
S2	1.2500	1.2922	.042	3.38	.12734	.001	1
S3	2.5000	2.5589	.059	2.36	.25161	.000	1
S4	5.0000	5.0697	.070	1.39	.49794	.001	1
S5	10.000	9.8246	-.175	-1.75	.96435	.003	1

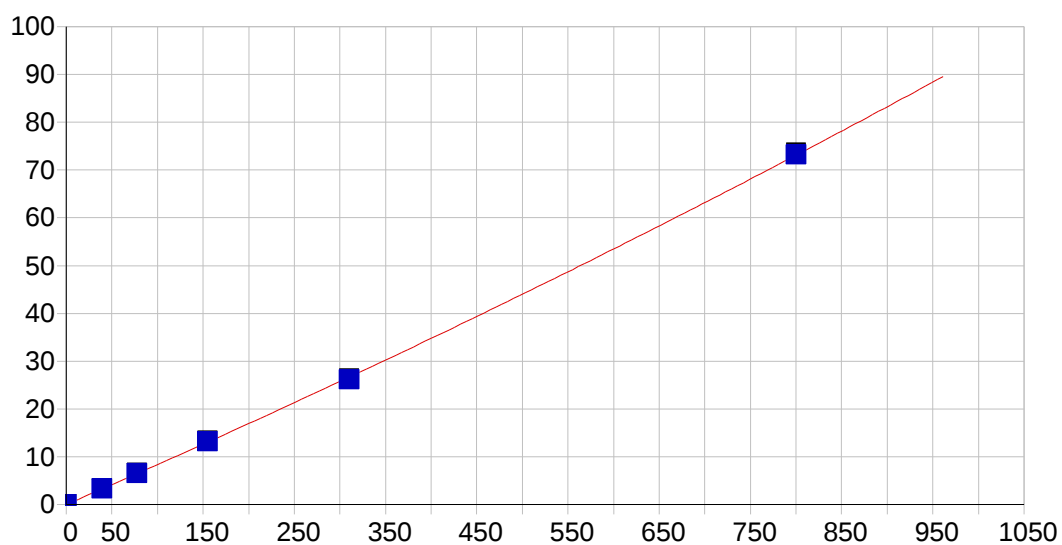


Sb 206.833 {463}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000556 Re-Slope: 1.000000
 A1 (Gain): 0.215051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000118
 Predicted MDL: 0.001406
 Predicted MQL: 0.004686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.06000	.06275	.003	4.58	.01406	.000	1
S2	1.2500	1.2219	-.028	-2.25	.27569	.001	1
S3	2.5000	2.4420	-.058	-2.32	.55045	.001	1
S4	5.0000	4.9770	-.023	-.460	1.1204	.002	1
S5	10.000	10.107	.107	1.07	2.2730	.006	1

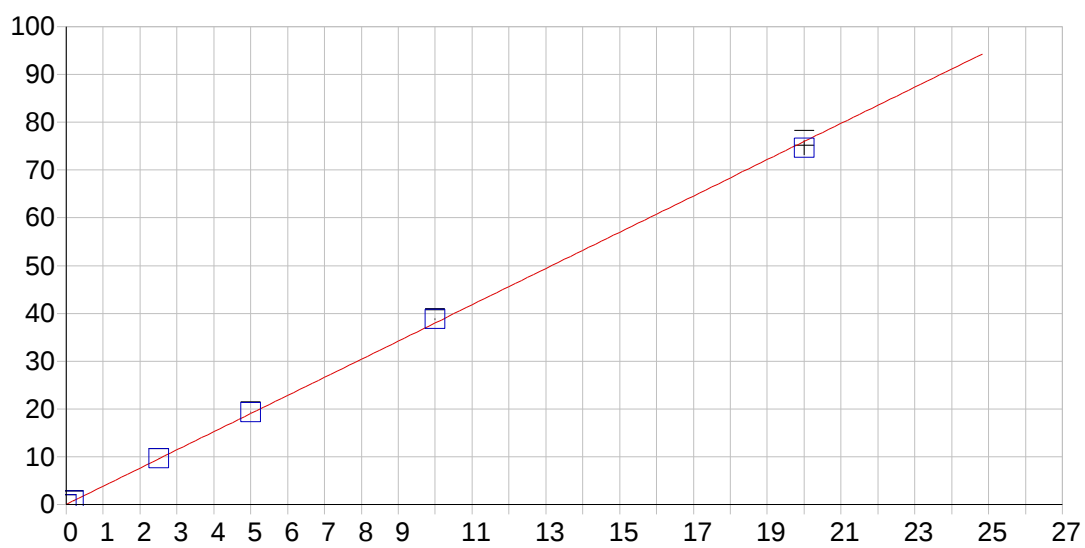


AI 396.152 { 85}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.003445	Re-Slope: 1.000000
A1 (Gain):	0.082399	Y-int: 0.000000
A2 (Curvature):	0.000011	
n (Exponent):	1.000000	
Correlation:	0.999951	Status: Warning Positive Curvature
Std Error of Est:	0.000609	
Predicted MDL:	0.014273	
Predicted MQL:	0.047576	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00344	.000	1
S1	.20000	.20622	.006	3.11	.02072	.001	1
S2	38.750	39.518	.768	1.98	3.2835	.018	1
S3	77.500	78.389	.889	1.15	6.5442	.015	1
S4	155.00	157.11	2.11	1.36	13.251	.012	1
S5	310.00	304.97	-5.03	-1.62	26.226	.106	1
S6	800.00	801.28	1.28	.160	73.264	.301	1

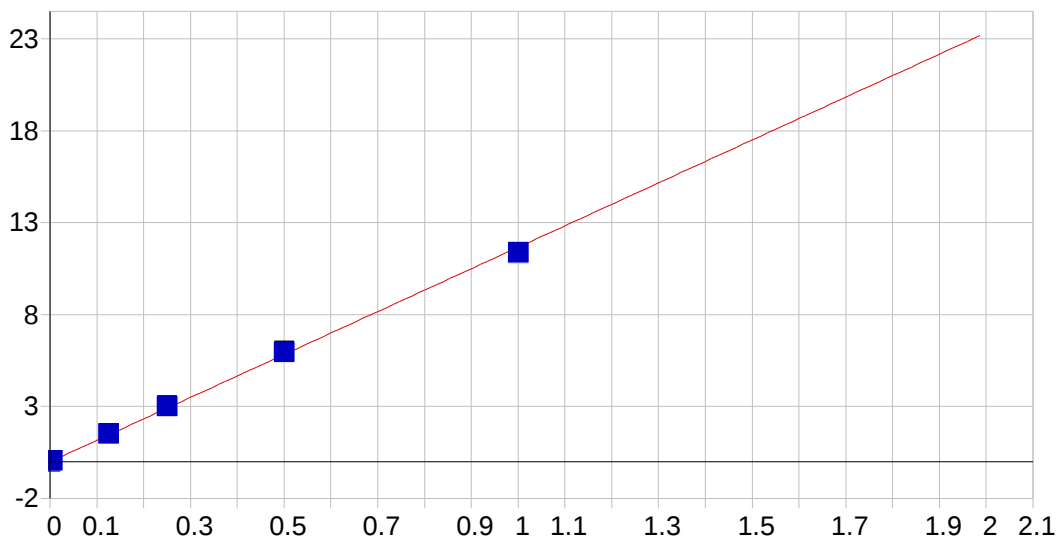


Ba 493.409 { 68}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.039000 Re-Slope: 1.000000
 A1 (Gain): 3.796026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.007322
 Predicted MDL: 0.000971
 Predicted MQL: 0.003237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.03894	.004	1
S1	.20000	.20871	.009	4.36	.83128	.001	1
S2	2.5000	2.5319	.032	1.28	9.6502	.042	1
S3	5.0000	5.0827	.083	1.65	19.333	.019	1
S4	10.000	10.214	.214	2.14	38.811	.072	1
S5	20.000	19.663	-.337	-1.69	74.679	1.59	1

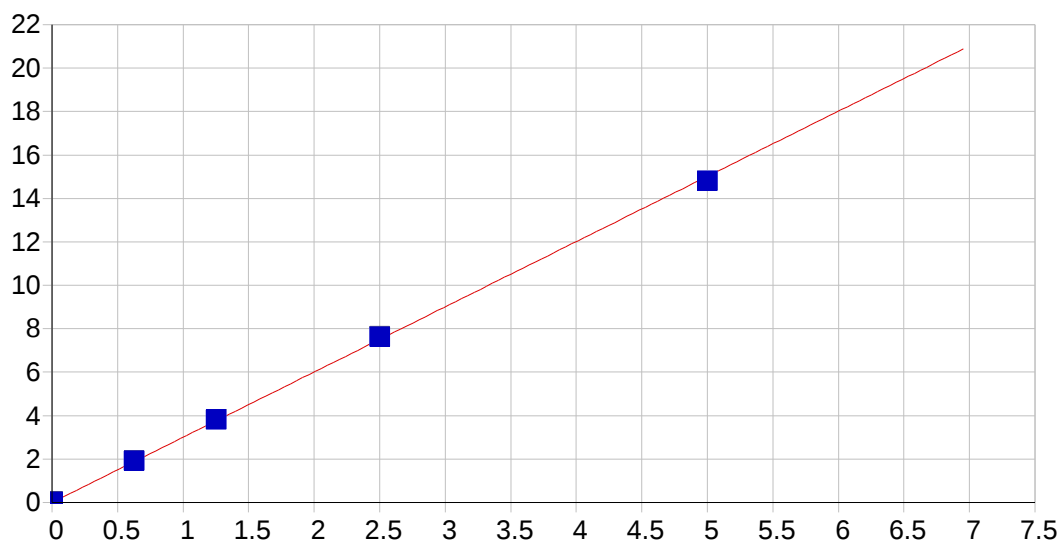


Be 234.861 {144}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004098 Re-Slope: 1.000000
 A1 (Gain): 11.670463 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999582 Status: OK.
 Std Error of Est: 0.001263
 Predicted MDL: 0.000058
 Predicted MQL: 0.000195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00411	.001	1
S1	.00500	.00536	.000	7.17	.05840	.001	1
S2	.12500	.13007	.005	4.06	1.5091	.006	1
S3	.25000	.25915	.009	3.66	3.0106	.026	1
S4	.50000	.51202	.012	2.40	5.9521	.052	1
S5	1.0000	.97339	-.027	-2.66	11.317	.040	1

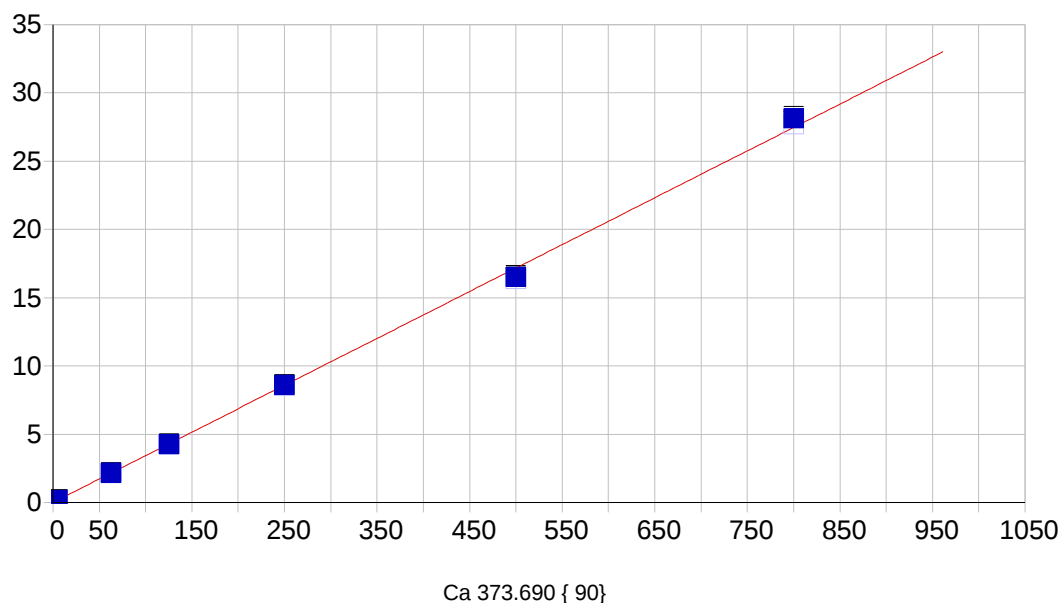


Cd 214.438 {457}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000706 Re-Slope: 1.000000
 A1 (Gain): 3.002988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999893 Status: OK.
 Std Error of Est: 0.000369
 Predicted MDL: 0.000078
 Predicted MQL: 0.000261

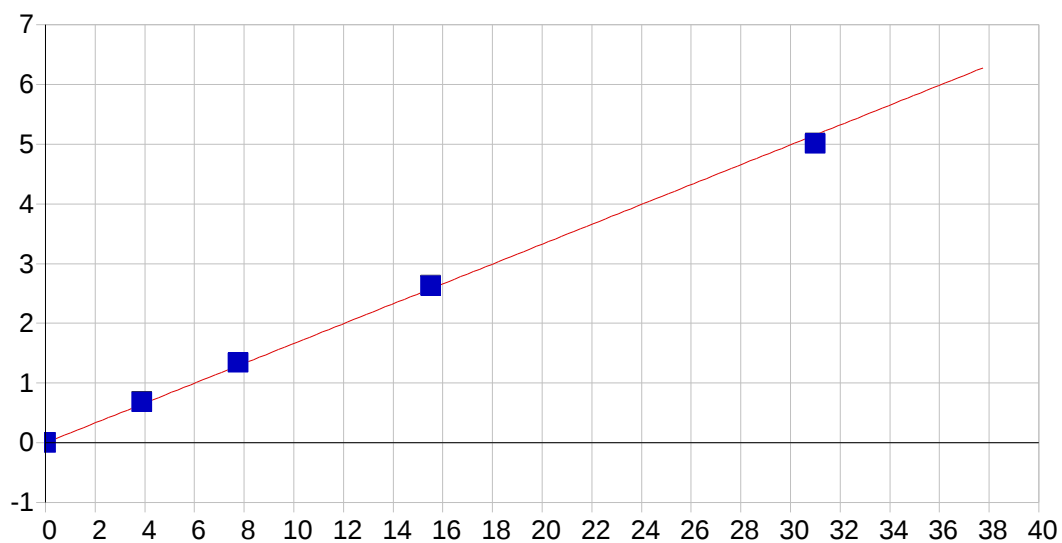
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.00500	.00523	.000	4.59	.01642	.000	1
S2	.62500	.63720	.012	1.95	1.9171	.004	1
S3	1.2500	1.2675	.018	1.40	3.8128	.006	1
S4	2.5000	2.5383	.038	1.53	7.6349	.017	1
S5	5.0000	4.9317	-.068	-1.37	14.834	.006	1



Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002753 Re-Slope: 1.000000
 A1 (Gain): 0.034335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999655 Status: OK.
 Std Error of Est: 0.003110
 Predicted MDL: 0.024568
 Predicted MQL: 0.081892

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	.000	.000	.00275	.000	1
S1	5.0000	5.1599	.160	3.20	.17987	.001	1
S2	62.500	62.977	.477	.763	2.1459	.013	1
S3	125.00	124.25	-.752	-.601	4.2304	.025	1
S4	250.00	250.71	.706	.283	8.5339	.017	1
S5	500.00	480.94	-19.1	-3.81	16.362	.138	1
S6	800.00	818.58	18.6	2.32	27.699	.181	1

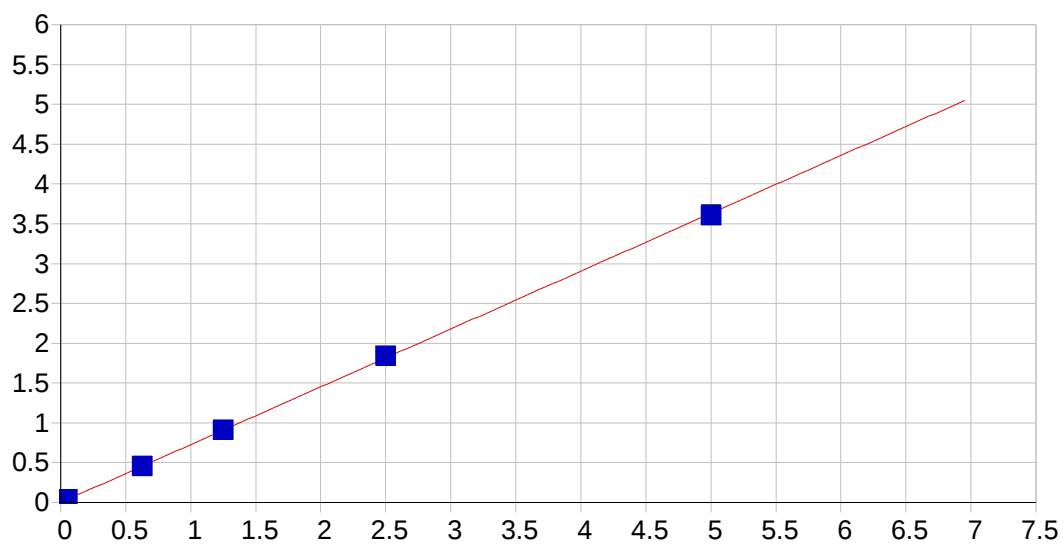


Cr 267.716 {126}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.166276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999503 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.000528
 Predicted MQL: 0.001759

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.01152	.002	15.2	.00195	.000	1
S2	3.8750	4.1146	.240	6.18	.68437	.002	1
S3	7.7500	8.0492	.299	3.86	1.3388	.007	1
S4	15.500	15.828	.328	2.12	2.6326	.005	1
S5	31.000	30.132	-.868	-2.80	5.0117	.008	1

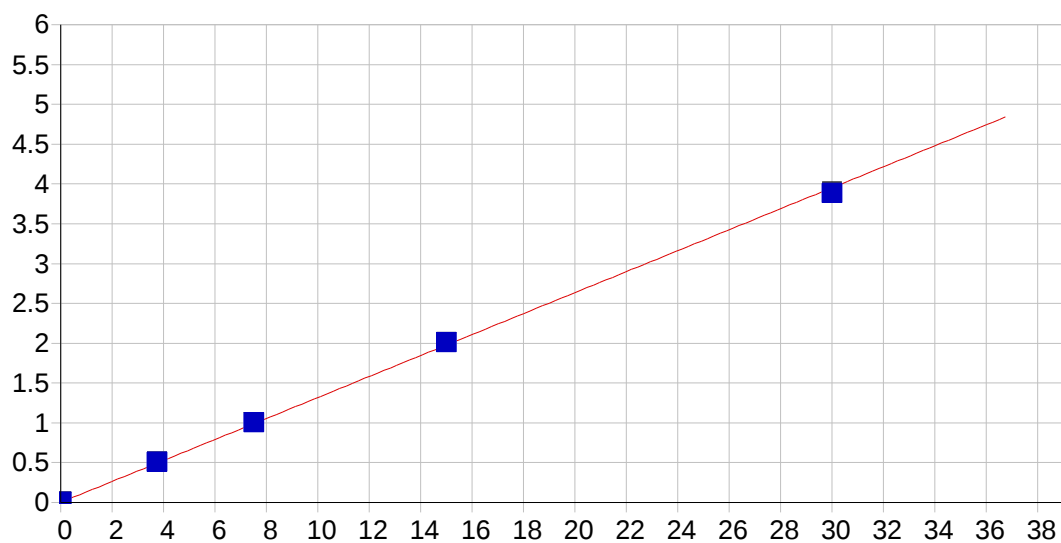


Co 228.616 {448}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.726223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000277
 Predicted MQL: 0.000923

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.05000	.05001	.000	.018	.03665	.000	1
S2	.62500	.62427	-.001	-.117	.45428	.001	1
S3	1.2500	1.2546	.005	.370	.91279	.002	1
S4	2.5000	2.5338	.034	1.35	1.8432	.005	1
S5	5.0000	4.9623	-.038	-.754	3.6097	.006	1

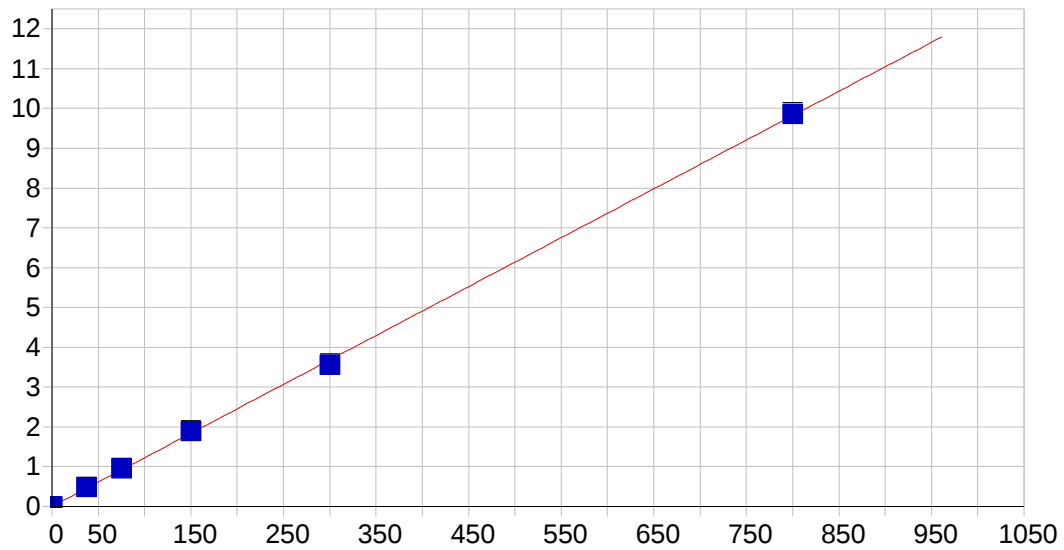


Cu 324.754 {104}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000777	Re-Slope: 1.000000
A1 (Gain):	0.131715	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999831	Status: OK.
Std Error of Est:	0.000111	
Predicted MDL:	0.004494	
Predicted MQL:	0.014979	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.02500	.02827	.003	13.1	.00450	.001	1
S2	3.7500	3.8646	.115	3.06	.50944	.001	1
S3	7.5000	7.6327	.133	1.77	1.0054	.002	1
S4	15.000	15.253	.253	1.68	2.0083	.003	1
S5	30.000	29.497	-.503	-1.68	3.8830	.014	1

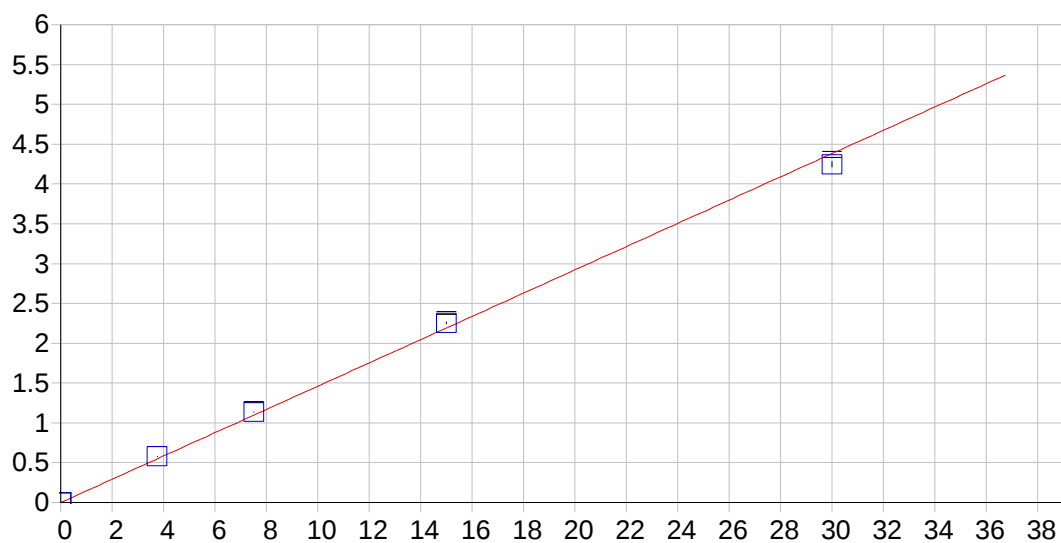


Fe 259.837 {130}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000147 Re-Slope: 1.000000
 A1 (Gain): 0.012275 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999765 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.022359
 Predicted MQL: 0.074529

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00015	.000	1
S1	.10000	.11805	.018	18.0	.00165	.000	1
S2	37.500	39.415	1.91	5.11	.48492	.001	1
S3	75.000	77.493	2.49	3.32	.95329	.006	1
S4	150.00	153.67	3.67	2.45	1.8903	.012	1
S5	300.00	289.59	-10.4	-3.47	3.5625	.026	1
S6	800.00	802.32	2.32	.290	9.8611	.041	1

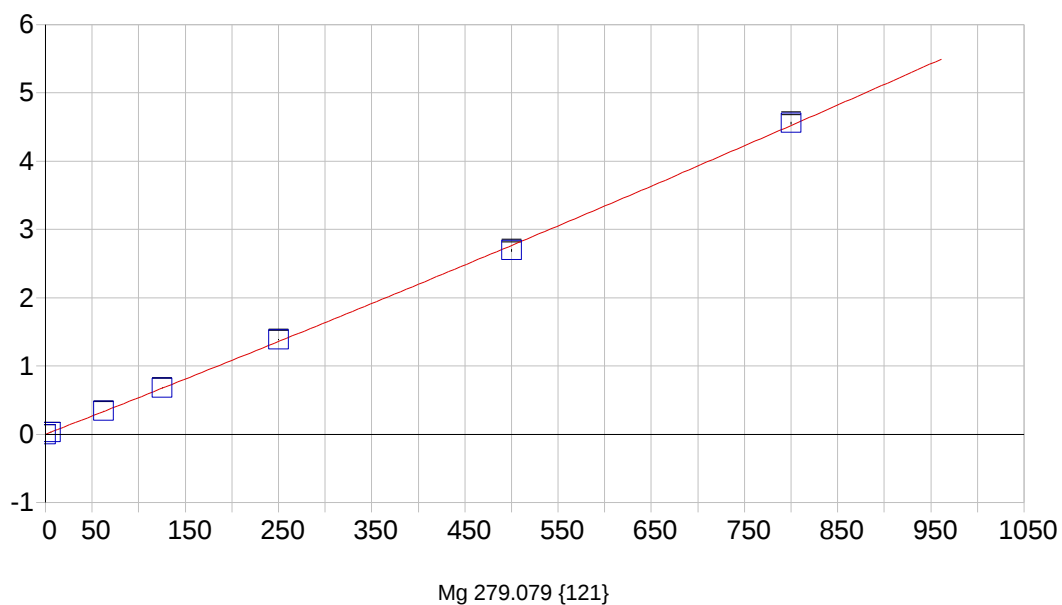


Mn 257.610 {131}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000124 Re-Slope: 1.000000
 A1 (Gain): 0.146052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999415 Status: OK.
 Std Error of Est: 0.000178
 Predicted MDL: 0.001633
 Predicted MQL: 0.005443

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01500	.01637	.001	9.12	.00251	.000	1
S2	3.7500	3.9680	.218	5.81	.57965	.000	1
S3	7.5000	7.7852	.285	3.80	1.1372	.008	1
S4	15.000	15.437	.437	2.91	2.2547	.016	1
S5	30.000	29.059	-.941	-3.14	4.2443	.038	1



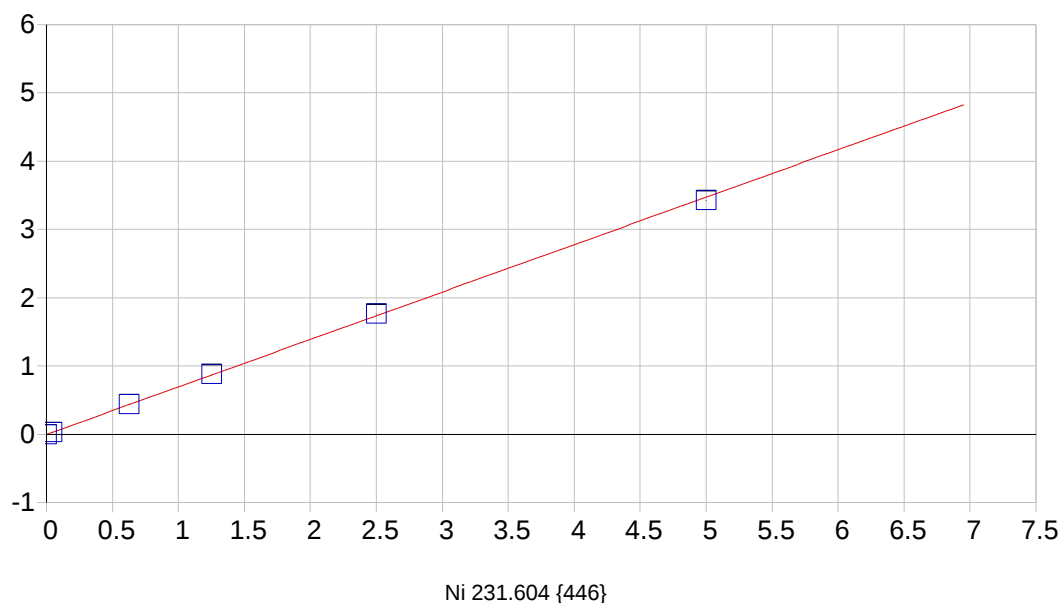
Date of Fit: 12/13/2018 15:00:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000198
 A1 (Gain): 0.005335
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852
 Std Error of Est: 0.000373
 Predicted MDL: 0.062526
 Predicted MQL: 0.208420

Re-Slope: 1.000000
 Y-int: 0.000000

Status: Warning Positive Curvature

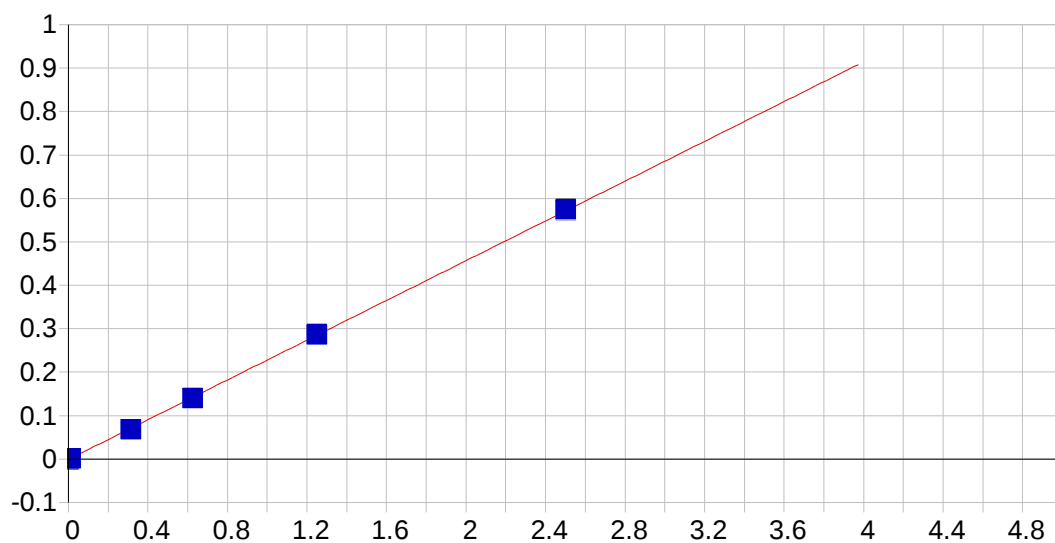
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	.000	.000	-.00020	.000	1
S1	5.0000	5.0855	.086	1.71	.02694	.000	1
S2	62.500	63.276	.776	1.24	.33898	.003	1
S3	125.00	125.84	.842	.674	.67748	.002	1
S4	250.00	255.06	5.06	2.02	1.3864	.007	1
S5	500.00	487.23	-12.8	-2.55	2.6935	.020	1
S6	800.00	806.01	6.01	.752	4.5578	.017	1



Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001986 Re-Slope: 1.000000
 A1 (Gain): 0.694933 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000237
 Predicted MDL: 0.000380
 Predicted MQL: 0.001268

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00199	.000	1
S1	.04000	.04208	.002	5.19	.02725	.000	1
S2	.62500	.63320	.008	1.31	.43805	.001	1
S3	1.2500	1.2653	.015	1.22	.87732	.002	1
S4	2.5000	2.5406	.041	1.62	1.7635	.004	1
S5	5.0000	4.9338	-.066	-1.32	3.4267	.004	1

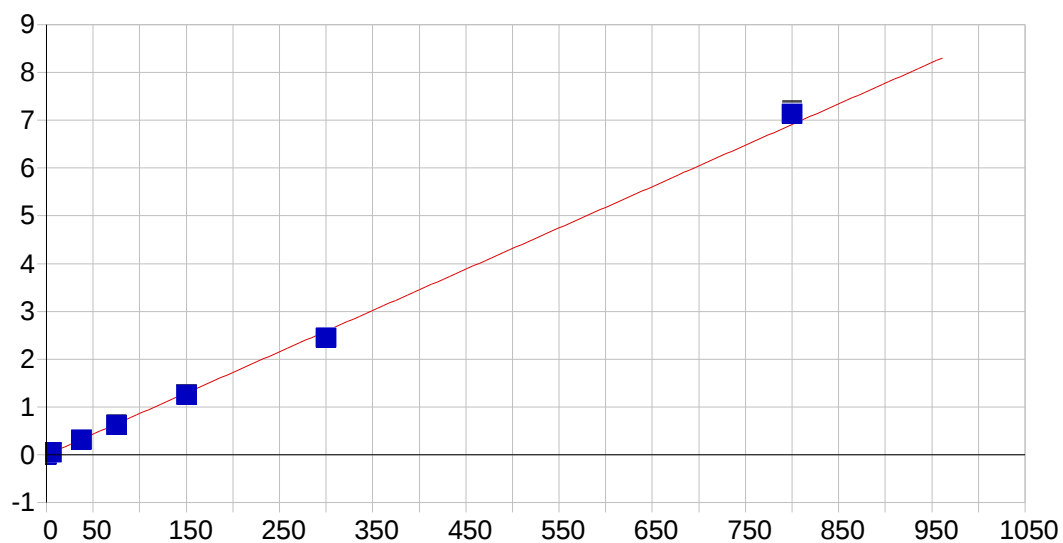


Ag 328.068 {103}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000954 Re-Slope: 1.000000
 A1 (Gain): 0.228829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.000545
 Predicted MQL: 0.001818

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00095	.000	1
S1	.01000	.01000	.000	-.040	.00132	.000	1
S2	.31250	.30254	-.010	-3.19	.06781	.000	1
S3	.62500	.61436	-.011	-1.70	.13870	.001	1
S4	1.2500	1.2561	.006	.492	.28462	.001	1
S5	2.5000	2.5144	.014	.578	.57069	.002	1



Na 818.326 { 41}

Date of Fit: 12/13/2018 15:00:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003523

Re-Slope: 1.000000

A1 (Gain): 0.008641

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999251

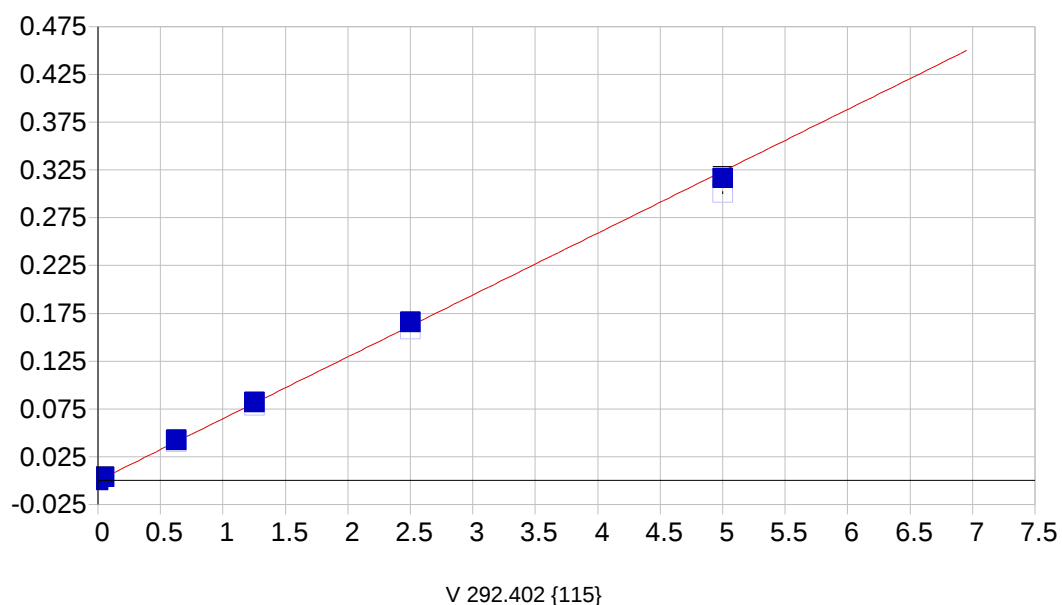
Status: OK.

Std Error of Est: 0.001039

Predicted MDL: 0.299806

Predicted MQL: 0.999353

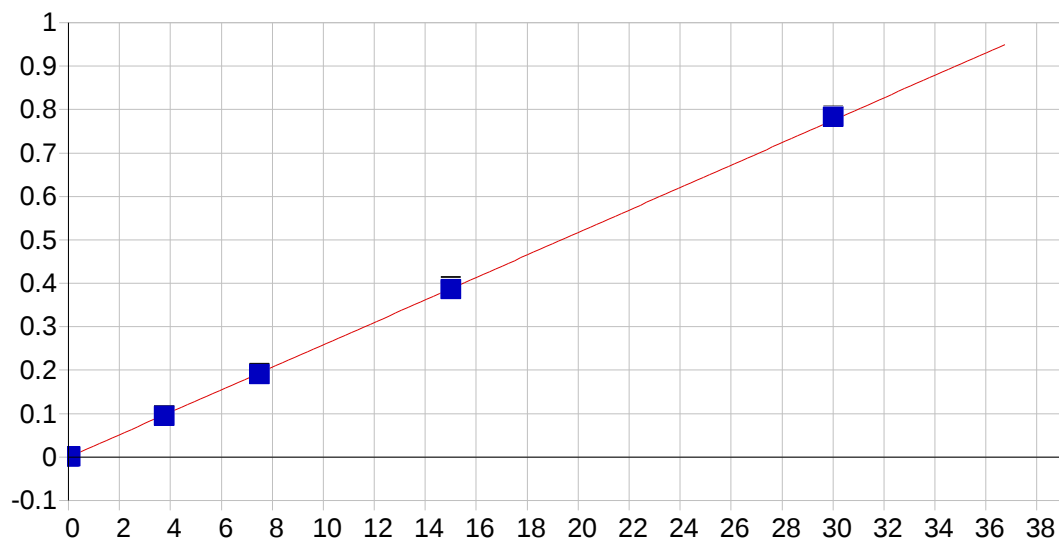
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00017	.000	.000	-.00352	.001	1
S1	5.0000	5.4110	.411	8.22	.04323	.002	1
S2	37.500	36.715	-.785	-2.09	.31516	.002	1
S3	75.000	72.199	-2.80	-3.73	.62320	.000	1
S4	150.00	145.06	-4.94	-3.29	1.2557	.007	1
S5	300.00	283.00	-17.0	-5.67	2.4533	.008	1
S6	800.00	825.11	25.1	3.14	7.1566	.046	1



Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.064719 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999648 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.006236
 Predicted MQL: 0.020786

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00006	.001	1
S1	.05000	.05710	.007	14.2	.00375	.000	1
S2	.62500	.65009	.025	4.01	.04020	.001	1
S3	1.2500	1.2663	.016	1.30	.07814	.000	1
S4	2.5000	2.5599	.060	2.39	.15798	.000	1
S5	5.0000	4.8913	-.109	-2.17	.30111	.001	1

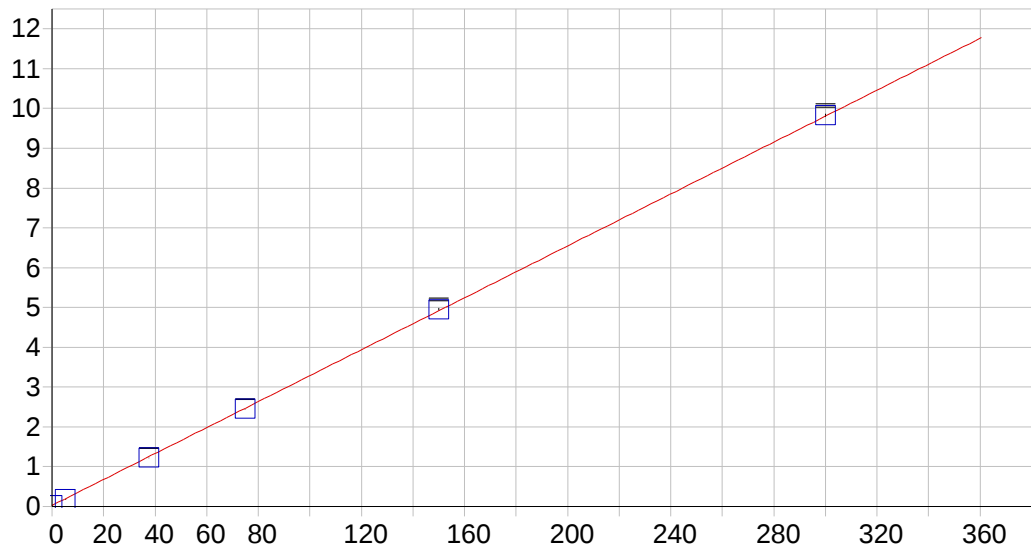


Zn 213.856 {158}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000313 Re-Slope: 1.000000
 A1 (Gain): 0.025855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.012827
 Predicted MQL: 0.042757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.06000	.06116	.001	1.93	.00127	.000	1
S2	3.7500	3.6696	-.080	-2.14	.09473	.001	1
S3	7.5000	7.3601	-.140	-1.87	.19030	.002	1
S4	15.000	14.931	-.069	-.457	.38638	.006	1
S5	30.000	30.288	.288	.959	.78406	.002	1

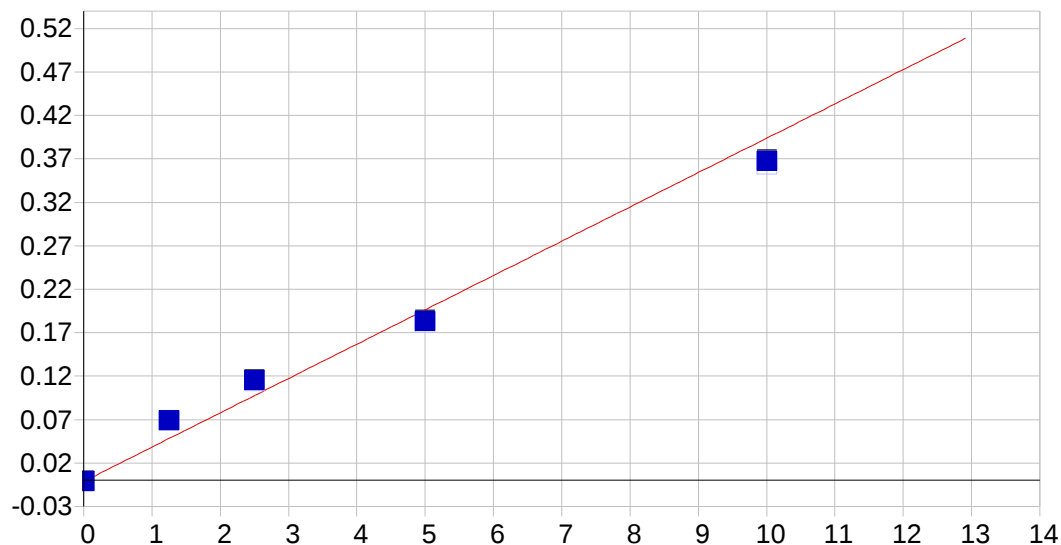


K 769.896 { 44}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.026491 Re-Slope: 1.000000
 A1 (Gain): 0.032603 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000562
 Predicted MDL: 0.071838
 Predicted MQL: 0.239459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	.02650	.001	1
S1	5.0000	4.8493	-.151	-3.01	.18459	.001	1
S2	37.500	36.626	-.874	-2.33	1.2206	.008	1
S3	75.000	74.340	-.660	-.880	2.4502	.009	1
S4	150.00	151.08	1.08	.717	4.9520	.031	1
S5	300.00	300.61	.610	.203	9.8272	.042	1

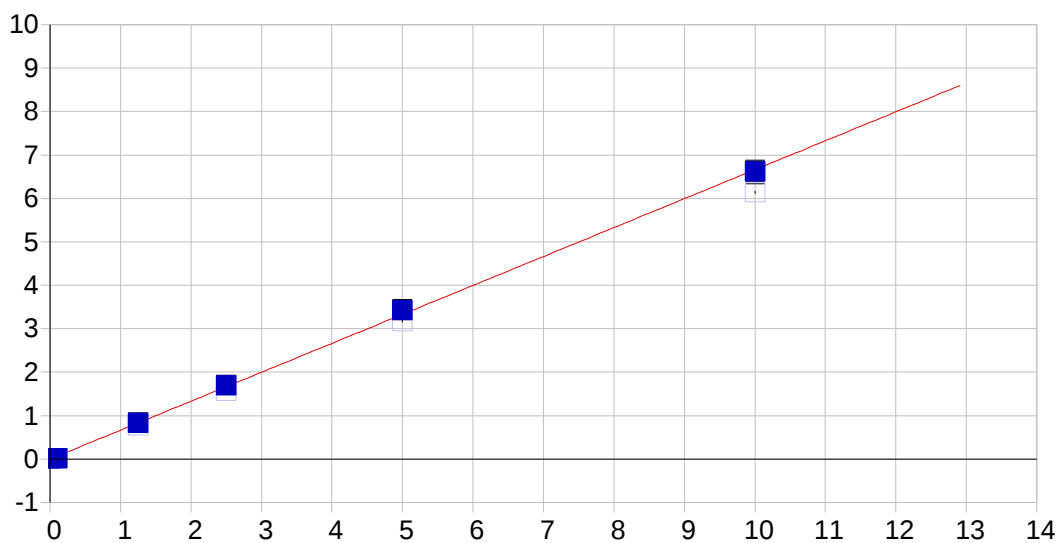


P 177.495 {490}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001199 Re-Slope: 1.000000
 A1 (Gain): 0.039494 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.990052 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.002523
 Predicted MQL: 0.008409

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00120	.000	1
S1	.01000	.00974	.000	-2.64	-.00082	.000	1
S2	1.2500	1.7804	.530	42.4	.06856	.000	1
S3	2.5000	2.9508	.451	18.0	.11423	.000	1
S4	5.0000	4.6761	-.324	-6.48	.18127	.001	1
S5	10.000	9.3431	-.657	-6.57	.36337	.001	1

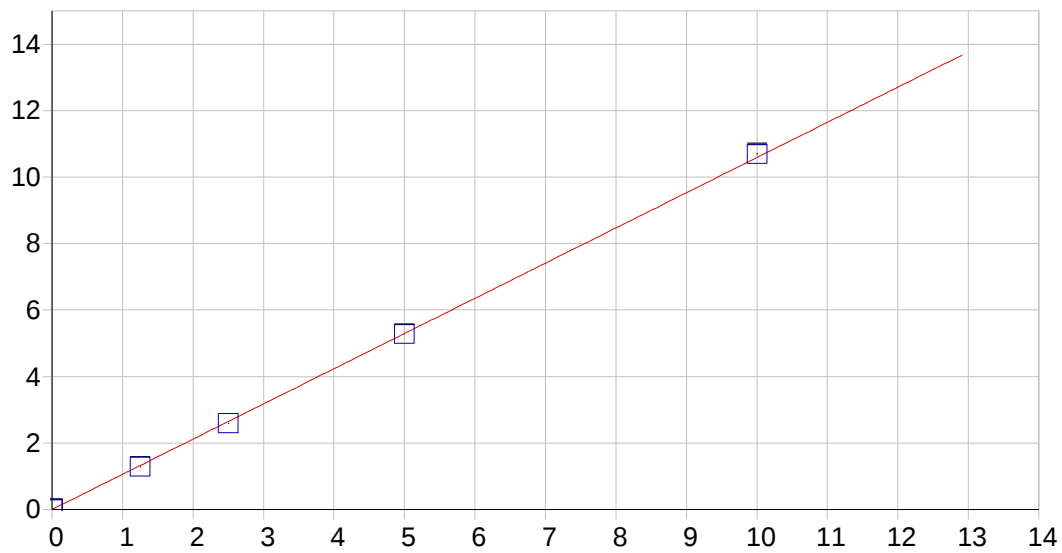


B 249.678 {135}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.666135 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997401 Status: OK.
 Std Error of Est: 0.002373
 Predicted MDL: 0.001029
 Predicted MQL: 0.003429

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00025	.001	1
S1	.10000	.01017	-.090	-89.8	.00683	.001	1
S2	1.2500	1.2506	.001	.051	.77285	.002	1
S3	2.5000	2.5301	.030	1.20	1.5647	.011	1
S4	5.0000	5.1263	.126	2.53	3.1733	.026	1
S5	10.000	9.9397	-.060	-.603	6.1379	.030	1

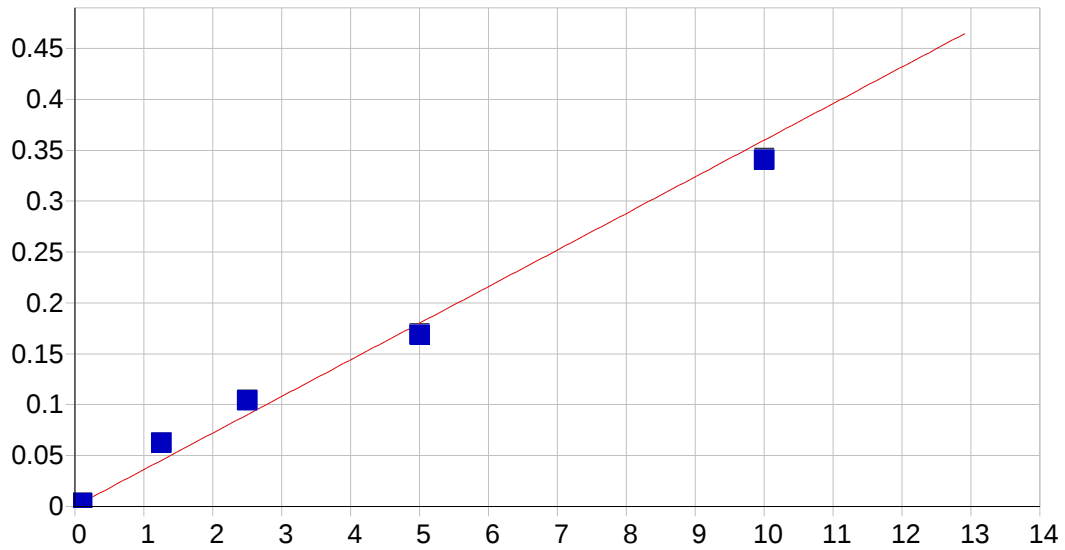


Mo 202.030 {467}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000638 Re-Slope: 1.000000
 A1 (Gain): 1.058602 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.000256
 Predicted MQL: 0.000854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.01000	.00990	.000	-1.04	.01111	.000	1
S2	1.2500	1.2182	-.032	-2.55	1.2902	.004	1
S3	2.5000	2.4432	-.057	-2.27	2.5870	.003	1
S4	5.0000	4.9827	-.017	-.347	5.2753	.012	1
S5	10.000	10.106	.106	1.06	10.699	.022	1

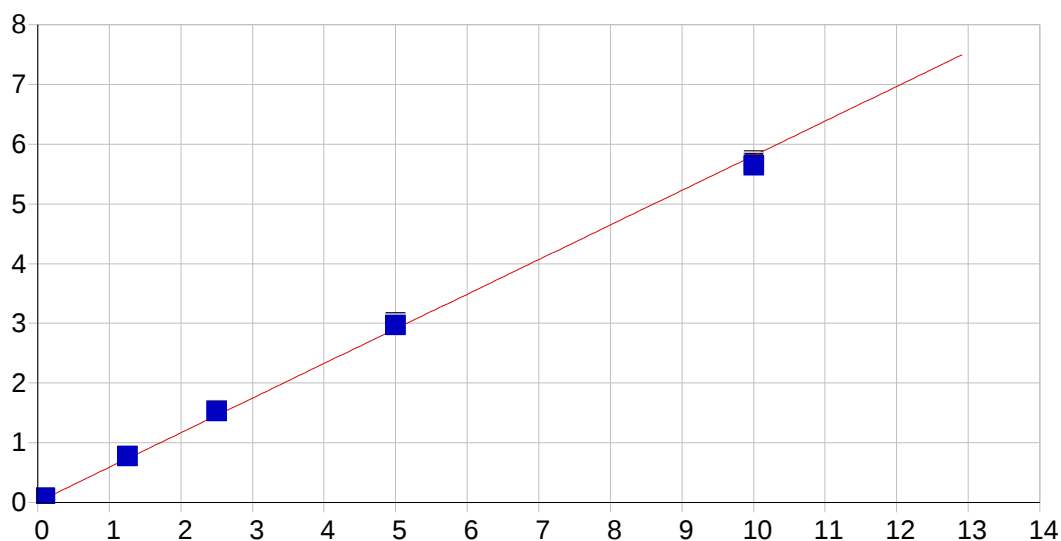


S 182.034 {485}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000226 Re-Slope: 1.000000
 A1 (Gain): 0.035972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.992322 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.003444
 Predicted MQL: 0.011478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00023	.000	1
S1	.10000	.08402	-.016	-16.0	.00325	.000	1
S2	1.2500	1.7264	.476	38.1	.06242	.000	1
S3	2.5000	2.8913	.391	15.7	.10442	.000	1
S4	5.0000	4.6839	-.316	-6.32	.16910	.001	1
S5	10.000	9.4644	-.536	-5.36	.34144	.001	1

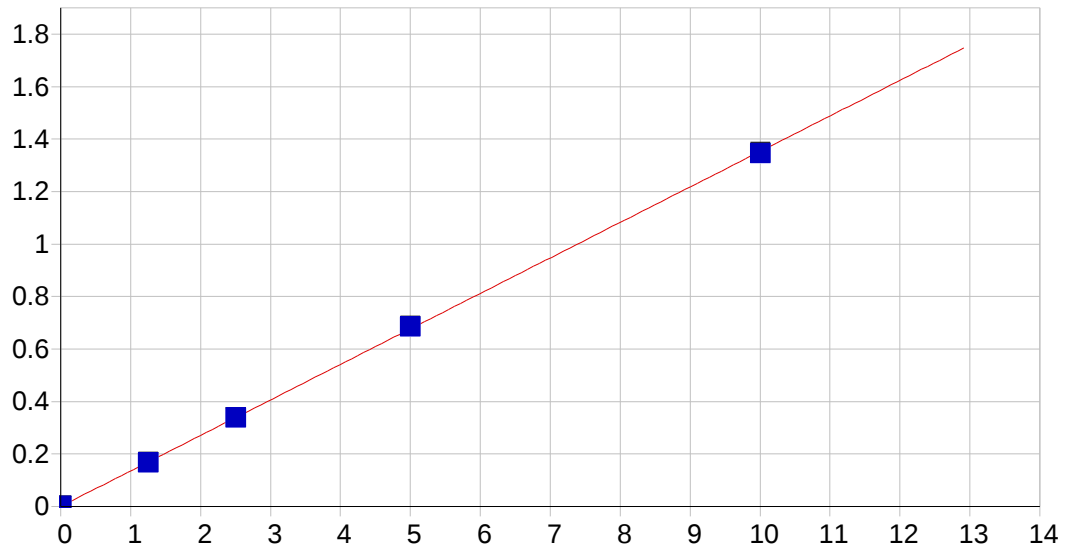


Si 251.611 {134}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008490 Re-Slope: 1.000000
 A1 (Gain): 0.579760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000963
 Predicted MDL: 0.001211
 Predicted MQL: 0.004038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00848	.001	1
S1	.10000	.10518	.005	5.18	.06968	.000	1
S2	1.2500	1.3177	.068	5.42	.77885	.004	1
S3	2.5000	2.6078	.108	4.31	1.5332	.010	1
S4	5.0000	5.0993	.099	1.99	2.9905	.025	1
S5	10.000	9.7200	-.280	-2.80	5.6951	.029	1

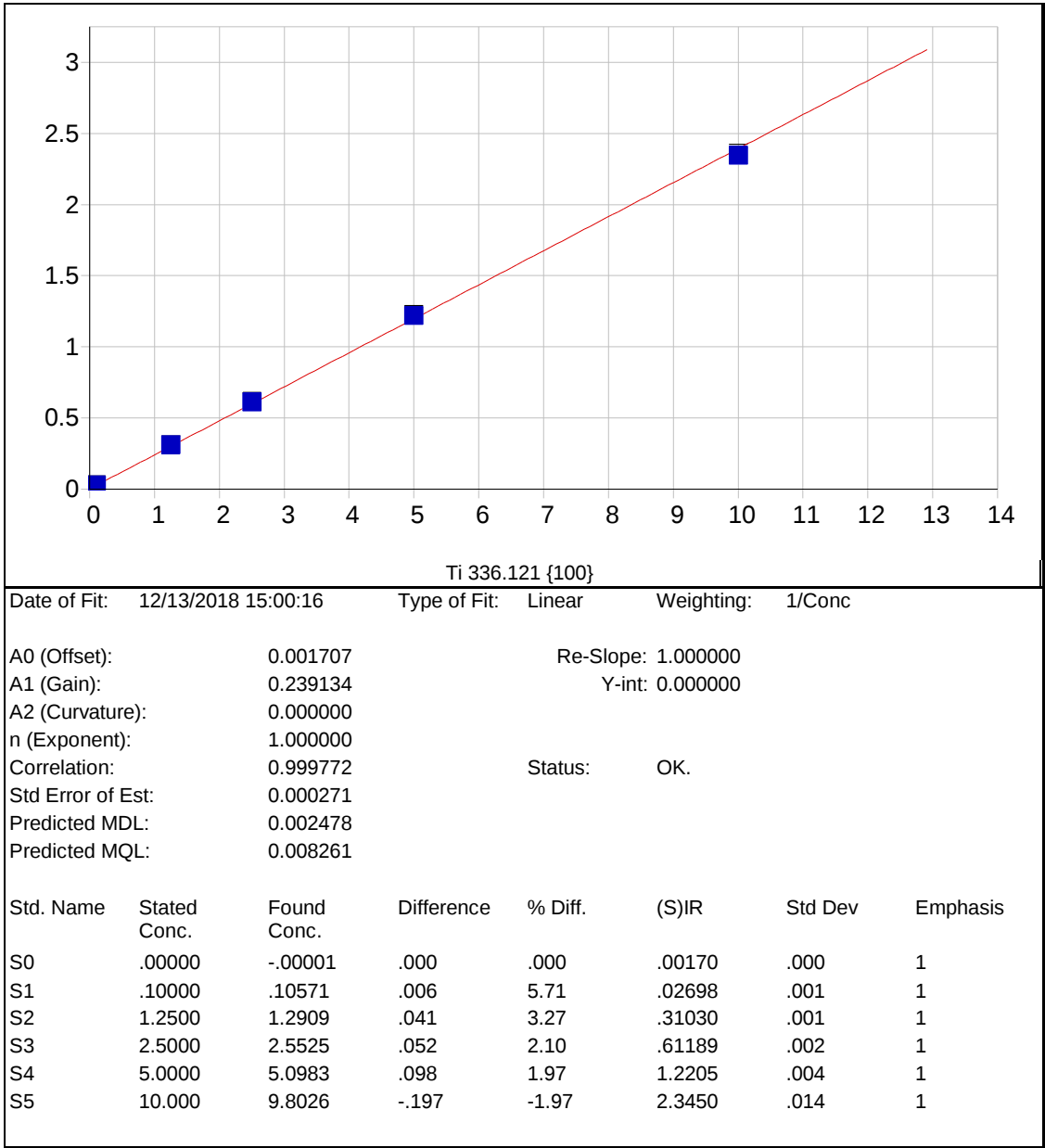


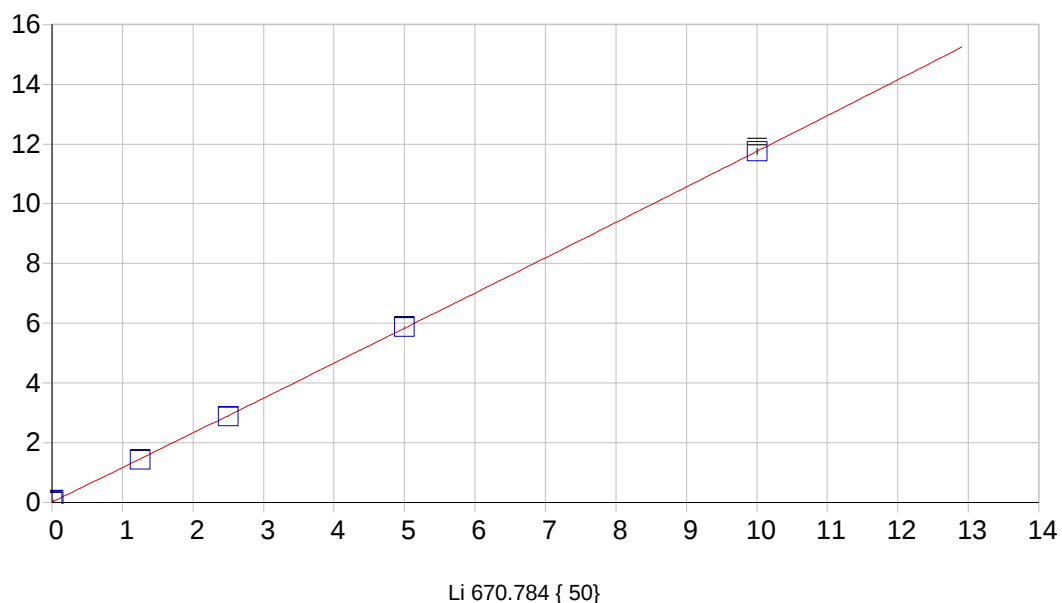
Sn 189.989 {478}

Date of Fit: 12/13/2018 15:00:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000230 Re-Slope: 1.000000
 A1 (Gain): 0.135274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000913
 Predicted MQL: 0.003043

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.00700	.00655	.000	-6.47	.00109	.000	1
S2	1.2500	1.2383	-.012	-.935	.16739	.001	1
S3	2.5000	2.4973	-.003	-.106	.33736	.000	1
S4	5.0000	5.0600	.060	1.20	.68332	.003	1
S5	10.000	9.9548	-.045	-.452	1.3441	.002	1





Date of Fit: 12/13/2018 15:00:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.016053 Re-Slope: 1.000000
 A1 (Gain): 1.153708 Y-int: 0.000000
 A2 (Curvature): 0.002027
 n (Exponent): 1.000000
 Correlation: 0.998087 Status: Warning Positive Curvature
 Std Error of Est: 0.001716
 Predicted MDL: 0.002243
 Predicted MQL: 0.007476

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.01602	.001	1
S5	10.000	9.9934	-.007	-.066	11.748	.107	1
S4	5.0000	5.0374	.037	.747	5.8791	.020	1
S3	2.5000	2.4669	-.033	-1.33	2.8744	.010	1
S2	1.2500	1.2195	-.031	-2.44	1.4260	.013	1
S1	.01500	.04792	.033	219.	.07134	.002	1



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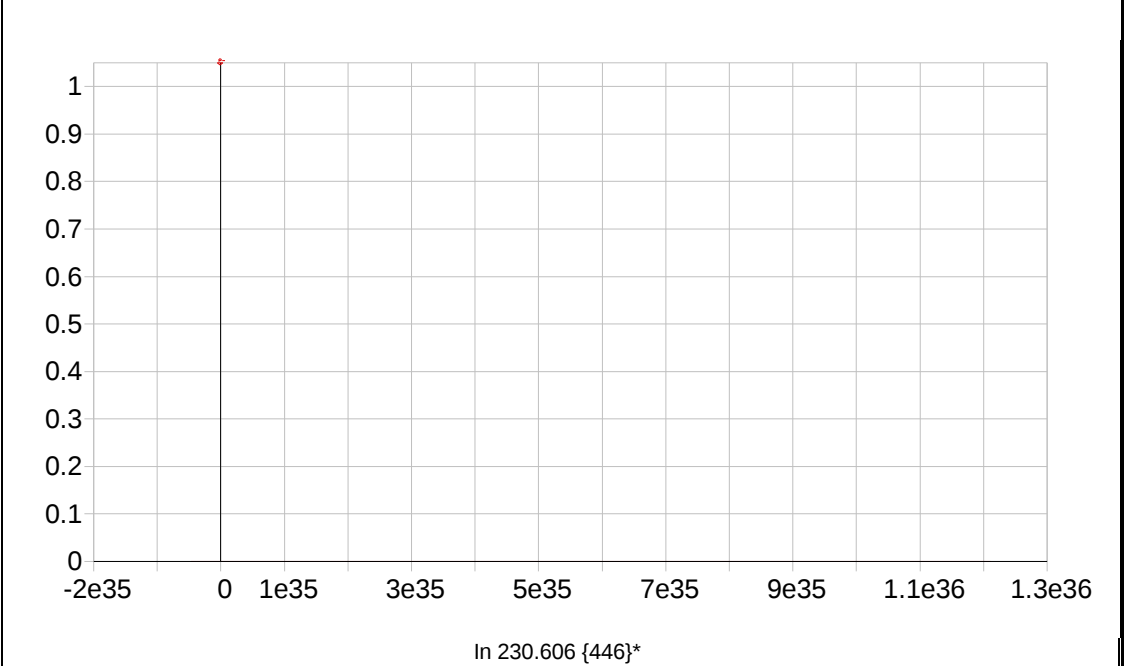




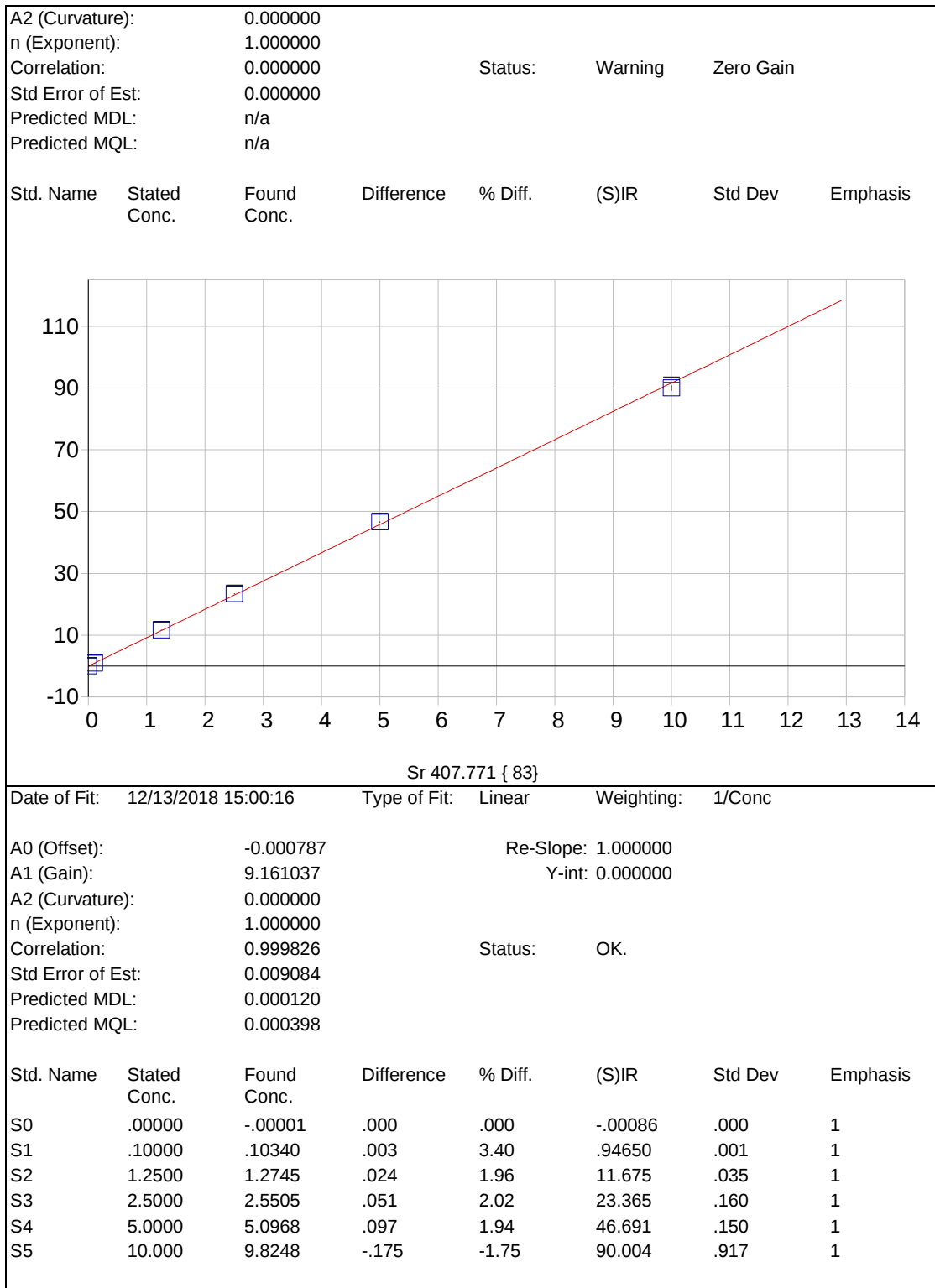


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 12/13/2018 14:27:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	-.00048	-.00077	-.00040	.00055	.00056	.00344	.03894	-.00411
Stddev	.00004	.00016	.00024	.00024	.00010	.00012	.00431	.00075
%RSD	8.6661	20.796	60.766	42.832	17.266	3.5260	11.060	18.157

#1	-.00044	-.00092	-.00013	.00071	.00045	.00333	.03963	-.00476
#2	-.00052	-.00060	-.00061	.00067	.00057	.00343	.04286	-.00330
#3	-.00048	-.00080	-.00045	.00028	.00064	.00357	.03433	-.00426

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	.00070	.00275	.00004	.00020	.00078	.00015	.00012	-.00020
Stddev	.00010	.00049	.00008	.00001	.00013	.00008	.00006	.00024
%RSD	14.033	17.709	214.05	5.7965	16.172	54.091	47.324	118.19

#1	.00070	.00239	.00007	.00021	.00063	.00007	.00006	.00007
#2	.00061	.00255	-.00005	.00019	.00082	.00015	.00015	-.00037
#3	.00080	.00330	.00009	.00021	.00087	.00022	.00016	-.00030

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	-.00199	-.00095	-.00352	.00006	-.00031	.02650	-.00120	.00025
Stddev	.00021	.00006	.00142	.00052	.00019	.00108	.00019	.00095
%RSD	10.622	5.8405	40.323	836.01	60.488	4.0925	16.237	380.07

#1	-.00221	-.00096	-.00379	-.00053	-.00053	.02768	-.00142	-.00006
#2	-.00196	-.00090	-.00199	.00028	-.00016	.02554	-.00111	.00131
#3	-.00179	-.00101	-.00479	.00044	-.00025	.02628	-.00106	-.00050

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00064	.00023	.00848	.00023	.00170	.01602	-.00086	
Stddev	.00032	.00008	.00056	.00014	.00015	.00139	.00044	
%RSD	49.946	33.342	6.5487	59.811	8.6241	8.6731	50.903	

#1	.00027	.00014	.00836	.00023	.00173	.01442	-.00136	
#2	.00086	.00028	.00909	.00037	.00155	.01696	-.00059	
#3	.00078	.00026	.00800	.00009	.00184	.01666	-.00062	

Sample Name: S0 Acquired: 12/13/2018 14:27:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	2259.9	2491.2	47444.	4452.3	3818.3
Stddev	19.6	3.6	161.	35.5	8.2
%RSD	.86739	.14477	.33986	.79845	.21404
#1	2279.9	2487.2	47529.	4412.5	3825.4
#2	2240.7	2494.3	47258.	4480.9	3820.2
#3	2259.3	2492.2	47544.	4463.5	3809.3

Sample Name: S1 Acquired: 12/13/2018 14:31:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.00129	.00159	.00444	.01406	.02072	.83128	.05840
Stddev	.00009	.00015	.00016	.00011	.00014	.00077	.00122	.00059
%RSD	79.484	11.693	9.8918	2.5265	1.0024	3.7112	.14636	1.0046

#1	-.00020	.00145	.00154	.00431	.01422	.01993	.83018	.05907
#2	-.00002	.00125	.00176	.00452	.01399	.02077	.83259	.05796
#3	-.00013	.00116	.00146	.00449	.01397	.02146	.83108	.05818

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	.01642	.17987	.00195	.03665	.00450	.00165	.00251	.02694
Stddev	.00012	.00138	.00005	.00007	.00051	.00014	.00016	.00047
%RSD	.72239	.76503	2.3904	.19230	11.380	8.7006	6.1882	1.7437

#1	.01640	.18034	.00196	.03657	.00419	.00181	.00254	.02642
#2	.01654	.18094	.00199	.03671	.00421	.00160	.00235	.02709
#3	.01631	.17832	.00190	.03667	.00509	.00153	.00266	.02732

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	.02725	.00132	.04323	.00375	.00127	.18459	-.00082	.00683
Stddev	.00028	.00010	.00200	.00011	.00038	.00093	.00014	.00052
%RSD	1.0171	7.7835	4.6302	2.9050	29.818	.50650	17.033	7.6690

#1	.02751	.00137	.04261	.00364	.00163	.18397	-.00078	.00677
#2	.02728	.00138	.04162	.00375	.00131	.18414	-.00097	.00739
#3	.02696	.00120	.04547	.00386	.00088	.18567	-.00070	.00634

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	.01111	.00325	.06968	.00109	.02698	.07134	.94650	
Stddev	.00004	.00009	.00022	.00004	.00069	.00219	.00136	
%RSD	.32276	2.6646	.31785	3.5658	2.5467	3.0706	.14371	

#1	.01112	.00334	.06992	.00105	.02743	.06883	.94732	
#2	.01115	.00317	.06963	.00109	.02619	.07236	.94493	
#3	.01107	.00324	.06949	.00113	.02732	.07284	.94724	

Sample Name: S1 Acquired: 12/13/2018 14:31:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	2264.8	2490.9	47785.	4502.5	3830.3
Stddev	18.5	8.4	103.	8.1	6.8
%RSD	.81729	.33657	.21595	.17892	.17675
#1	2247.9	2484.8	47739.	4494.6	3823.8
#2	2262.0	2500.5	47713.	4510.7	3837.3
#3	2284.6	2487.5	47904.	4502.4	3829.8

Sample Name: S2 Acquired: 12/13/2018 14:35:48 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.05573	.10490	1.1054	.12734	.27569	3.2835	9.6502	1.5091
Stddev	.00016	.00032	.0019	.00056	.00055	.0183	.0424	.0057
%RSD	.28083	.30052	.16996	.43677	.20129	.55715	.43932	.37831

#1	.05555	.10525	1.1046	.12780	.27584	3.2656	9.6047	1.5064
#2	.05579	.10479	1.1040	.12672	.27508	3.2827	9.6575	1.5156
#3	.05585	.10465	1.1075	.12750	.27616	3.3022	9.6885	1.5052

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	1.9171	2.1459	.68437	.45428	.50944	.48492	.57965	.33898
Stddev	.0042	.0127	.00208	.00069	.00075	.00118	.00048	.00313
%RSD	.21969	.59212	.30456	.15156	.14798	.24296	.08245	.92203

#1	1.9161	2.1330	.68514	.45352	.50857	.48436	.57969	.33539
#2	1.9134	2.1584	.68201	.45485	.50994	.48627	.58012	.34054
#3	1.9217	2.1462	.68596	.45448	.50979	.48413	.57916	.34103

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	.43805	.06781	.31516	.04020	.09473	1.2206	.06856	.77285
Stddev	.00088	.00032	.00181	.00060	.00080	.0078	.00010	.00213
%RSD	.19981	.46749	.57547	1.4815	.84109	.64282	.15017	.27554

#1	.43787	.06772	.31563	.04012	.09564	1.2118	.06844	.77050
#2	.43727	.06755	.31669	.03964	.09434	1.2232	.06861	.77341
#3	.43900	.06816	.31316	.04083	.09419	1.2268	.06864	.77464

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	1.2902	.06242	.77885	.16739	.31030	1.4260	11.675	
Stddev	.0042	.00025	.00359	.00054	.00145	.0131	.035	
%RSD	.32826	.40064	.46143	.32077	.46847	.91514	.30383	

#1	1.2903	.06253	.77588	.16701	.30868	1.4120	11.649	
#2	1.2859	.06214	.78284	.16801	.31149	1.4378	11.715	
#3	1.2944	.06260	.77783	.16717	.31074	1.4282	11.660	

Sample Name: S2 Acquired: 12/13/2018 14:35:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	2224.1	2413.8	47702.	4530.3	3651.9
Stddev	22.1	3.3	135.	34.7	6.3
%RSD	.99390	.13642	.28247	.76622	.17120
#1	2233.6	2410.2	47837.	4554.2	3644.7
#2	2198.9	2416.6	47567.	4490.5	3655.1
#3	2240.0	2414.7	47701.	4546.2	3655.9

Sample Name: S3 Acquired: 12/13/2018 14:39:41 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.11225	.20996	2.2186	.25161	.55045	6.5442	19.333	3.0106
Stddev	.00050	.00121	.0041	.00028	.00080	.0152	.019	.0256
%RSD	.44546	.57821	.18492	.11217	.14564	.23231	.09613	.85065

#1	.11197	.20871	2.2156	.25171	.55044	6.5615	19.312	2.9963
#2	.11195	.21114	2.2169	.25183	.55126	6.5331	19.340	2.9954
#3	.11283	.21003	2.2233	.25130	.54966	6.5380	19.347	3.0402

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	3.8128	4.2304	1.3388	.91279	1.0054	.95329	1.1372	.67748
Stddev	.0056	.0251	.0066	.00194	.0017	.00564	.0080	.00167
%RSD	.14824	.59255	.49596	.21244	.17104	.59163	.70654	.24600

#1	3.8177	4.2589	1.3350	.91147	1.0047	.95966	1.1464	.67936
#2	3.8066	4.2207	1.3349	.91188	1.0073	.95126	1.1321	.67618
#3	3.8141	4.2117	1.3465	.91502	1.0041	.94894	1.1330	.67691

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	.87732	.13870	.62320	.07814	.19030	2.4502	.11423	1.5647
Stddev	.00218	.00075	.00048	.00027	.00224	.0087	.00034	.0114
%RSD	.24884	.53960	.07746	.35127	1.1782	.35556	.29921	.72857

#1	.87632	.13798	.62374	.07832	.19244	2.4413	.11401	1.5599
#2	.87581	.13863	.62307	.07782	.19049	2.4506	.11463	1.5565
#3	.87982	.13948	.62280	.07827	.18797	2.4587	.11406	1.5777

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	2.5870	.10442	1.5332	.33736	.61189	2.8744	23.365	
Stddev	.0034	.00026	.0100	.00037	.00214	.0097	.160	
%RSD	.13098	.24654	.65263	.11109	.34910	.33844	.68338	

#1	2.5885	.10413	1.5343	.33747	.61435	2.8853	23.277	
#2	2.5894	.10458	1.5227	.33694	.61062	2.8713	23.268	
#3	2.5831	.10456	1.5426	.33766	.61069	2.8666	23.549	

Sample Name: S3 Acquired: 12/13/2018 14:39:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	2160.8	2318.7	47165.	4471.9	3476.8
Stddev	17.2	2.4	179.	6.5	4.4
%RSD	.79436	.10186	.37901	.14448	.12658
#1	2160.7	2315.9	47324.	4471.2	3474.8
#2	2143.6	2319.9	46971.	4478.6	3481.8
#3	2177.9	2320.2	47199.	4465.8	3473.8

Sample Name: S4 Acquired: 12/13/2018 14:43:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.22990	.41504	4.5127	.49794	1.1204	13.251	38.811	5.9521
Stddev	.00042	.00158	.0099	.00098	.0017	.012	.072	.0519
%RSD	.18180	.38080	.21999	.19771	.15383	.09309	.18514	.87129

#1	.22980	.41464	4.5109	.49681	1.1203	13.243	38.874	5.9689
#2	.22954	.41370	4.5038	.49859	1.1187	13.265	38.733	5.8939
#3	.23036	.41679	4.5234	.49843	1.1221	13.245	38.827	5.9934

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	7.6349	8.5339	2.6326	1.8432	2.0083	1.8903	2.2547	1.3864
Stddev	.0167	.0170	.0050	.0051	.0027	.0119	.0160	.0074
%RSD	.21853	.19901	.19084	.27517	.13189	.62793	.71146	.53078

#1	7.6238	8.5243	2.6316	1.8410	2.0111	1.8817	2.2432	1.3796
#2	7.6268	8.5536	2.6281	1.8396	2.0059	1.9039	2.2730	1.3942
#3	7.6541	8.5240	2.6380	1.8490	2.0080	1.8854	2.2478	1.3854

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	1.7635	.28462	1.2557	.15798	.38638	4.9520	.18127	3.1733
Stddev	.0041	.00097	.0067	.00032	.00571	.0312	.00094	.0263
%RSD	.23083	.34113	.53595	.20026	1.4781	.63051	.51961	.82872

#1	1.7613	.28548	1.2603	.15802	.38406	4.9740	.18141	3.1763
#2	1.7611	.28357	1.2480	.15827	.39289	4.9162	.18026	3.1456
#3	1.7682	.28483	1.2588	.15764	.38219	4.9656	.18213	3.1979

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	5.2753	.16910	2.9905	.68332	1.2205	5.8791	46.691	
Stddev	.0123	.00079	.0254	.00302	.0045	.0199	.150	
%RSD	.23214	.46569	.85051	.44261	.36435	.33890	.32049	

#1	5.2679	.16914	2.9961	.68249	1.2182	5.8741	46.752	
#2	5.2686	.16829	2.9627	.68079	1.2256	5.8623	46.521	
#3	5.2894	.16986	3.0126	.68667	1.2176	5.9011	46.801	

Sample Name: S4 Acquired: 12/13/2018 14:43:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	2035.3	2138.9	45564.	4324.8	3198.4
Stddev	7.2	2.4	109.	33.4	6.8
%RSD	.35348	.11163	.23944	.77118	.21146
#1	2035.6	2137.0	45440.	4308.6	3196.7
#2	2028.0	2141.6	45609.	4363.2	3205.9
#3	2042.4	2138.1	45644.	4302.7	3192.7

Sample Name: S5 Acquired: 12/13/2018 14:47:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.46942	.79156	8.8785	.96435	2.2730	26.226	74.679	11.317
Stddev	.00113	.00136	.0146	.00260	.0062	.106	1.593	.040
%RSD	.24162	.17218	.16401	.26911	.27291	.40237	2.1331	.34948

#1	.46972	.79088	8.8627	.96672	2.2746	26.112	72.842	11.275
#2	.46817	.79313	8.8914	.96158	2.2661	26.320	75.522	11.324
#3	.47039	.79067	8.8813	.96475	2.2782	26.247	75.674	11.353

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	14.834	16.362	5.0117	3.6097	3.8830	3.5625	4.2443	2.6935
Stddev	.006	.138	.0084	.0062	.0136	.0256	.0378	.0197
%RSD	.03773	.84505	.16761	.17193	.34966	.71760	.89008	.73100

#1	14.828	16.217	5.0163	3.6026	3.8682	3.5400	4.2110	2.6772
#2	14.839	16.493	5.0020	3.6127	3.8949	3.5903	4.2853	2.7153
#3	14.834	16.376	5.0168	3.6138	3.8859	3.5572	4.2364	2.6879

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	3.4267	.57069	2.4533	.30111	.78406	9.8272	.36337	6.1379
Stddev	.0043	.00152	.0079	.00146	.00176	.0416	.00087	.0299
%RSD	.12669	.26564	.32036	.48619	.22446	.42336	.24005	.48766

#1	3.4218	.57058	2.4443	.30125	.78606	9.7814	.36281	6.1053
#2	3.4282	.56924	2.4568	.30250	.78274	9.8373	.36438	6.1442
#3	3.4301	.57226	2.4589	.29958	.78337	9.8628	.36293	6.1641

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	10.699	.34144	5.6951	1.3441	2.3450	11.748	90.004	
Stddev	.022	.00068	.0292	.0024	.0138	.107	.917	
%RSD	.20366	.19780	.51306	.18057	.58817	.90858	1.0187	

#1	10.697	.34210	5.6625	1.3420	2.3299	11.628	90.201	
#2	10.678	.34147	5.7038	1.3467	2.3569	11.834	90.807	
#3	10.722	.34075	5.7189	1.3435	2.3483	11.782	89.005	

Sample Name: S5 Acquired: 12/13/2018 14:47:24 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	1903.6	1970.0	45101.	4327.6	2993.0
Stddev	7.2	3.2	51.	17.3	5.7
%RSD	.37870	.16081	.11242	.39971	.19000
#1	1897.4	1971.7	45134.	4347.6	2998.6
#2	1911.5	1971.9	45127.	4318.1	2987.2
#3	1901.9	1966.3	45043.	4317.2	2993.2

Sample Name: S6 Acquired: 12/13/2018 14:51:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	73.264	27.699	9.8611	4.5578	7.1566
Stddev	.301	.181	.0406	.0173	.0459
%RSD	.41096	.65340	.41117	.37925	.64084

#1	72.955	27.501	9.8505	4.5480	7.1038
#2	73.282	27.739	9.8269	4.5477	7.1857
#3	73.556	27.857	9.9059	4.5778	7.1804

Int. Std.	Y_3710
Units	Cts/S
Avg	4183.2
Stddev	21.9
%RSD	.52471

#1	4208.5
#2	4169.4
#3	4171.6

Sample Name: ICV Acquired: 12/13/2018 14:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.9164232	1.026332	.9180142	.9866432	.9134339	2.362751
Stddev	.0039326	.002074	.0027788	.0010220	.0029821	.013371
%RSD	.4291207	.2020460	.3027001	.1035849	.3264736	.5659127

#1	.9145503	1.025822	.9179911	.9859896	.9102671	2.351404
#2	.9209421	1.028613	.9152470	.9861191	.9138462	2.377492
#3	.9137772	1.024561	.9208046	.9878209	.9161884	2.359357

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4897554	.4752378	.4914787	9.687926	.5173947	.4804125
Stddev	.0011715	.0023885	.0002231	.060715	.0012520	.0009794
%RSD	.2392038	.5025931	.0454007	.6267095	.2419819	.2038623

#1	.4884768	.4746921	.4912394	9.624014	.5188354	.4794681
#2	.4907771	.4731694	.4915158	9.694925	.5165704	.4803459
#3	.4900124	.4778520	.4916810	9.744838	.5167783	.4814234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069669	5.088620	.4973381	5.636499	.4915086	.4552863
Stddev	.0079691	.059429	.0051381	.121476	.0009972	.0002863
%RSD	1.571920	1.167882	1.033124	2.155162	.2028756	.0628868

#1	.5012454	5.033220	.4923209	5.507703	.4905906	.4555209
#2	.5160691	5.081248	.4971042	5.652783	.4913658	.4549672
#3	.5035862	5.151391	.5025892	5.749011	.4925695	.4553707

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.525457	.5083809	.9284870	9.194077	F -.001763	F 2.424028
Stddev	.112427	.0082331	.0027993	.094616	.001477	.016996
%RSD	1.180276	1.619478	.3014935	1.029102	83.77469	.7011502

#1	9.569670	.5166402	.9299007	9.149755	-.000875	2.421261
#2	9.609056	.5001742	.9302975	9.302719	-.000945	2.408586
#3	9.397645	.5083283	.9252627	9.129758	-.003467	2.442238

Sample Name: ICV Acquired: 12/13/2018 14:55:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.295658	F .0015577	F 2.444569	F 2.349131	F 2.502856	F .0079207
Stddev	.003326	.0029833	.003575	.002659	.015274	.0035183
%RSD	.1448840	191.5241	.1462470	.1131801	.6102726	44.41891

#1	2.292250	-.001681	2.444806	2.350940	2.486256	.0039761
#2	2.295829	.004194	2.440882	2.346078	2.505997	.0107347
#3	2.298895	.002160	2.448020	2.350375	2.516316	.0090512

Elem	Sr4077
Units	ppm
Avg	F .0114622
Stddev	.0000811
%RSD	.7072760

#1	.0115519
#2	.0113941
#3	.0114406

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.955	2495.762	48294.65	4549.286	3823.132
Stddev	17.639	3.426	163.39	27.387	2.851
%RSD	.7712697	.1372742	.3383132	.6019991	.0745631

#1	2307.322	2499.701	48483.18	4578.643	3826.016
#2	2276.673	2494.103	48206.44	4544.788	3823.064
#3	2276.869	2493.481	48194.32	4524.426	3820.316

Sample Name: ICB Acquired: 12/13/2018 15:04:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001221	.0013777	-.000478	-.000771	.0003885	.0045240	.0000357
Stddev	.003241	.0009451	.001257	.000914	.0013677	.0027343	.0007679
%RSD	265.4926	68.60053	262.8493	118.4927	352.0123	60.44047	2152.419

#1	.001013	.0003411	-.001346	-.001441	.0012080	.0013705	-.000847
#2	-.004939	.0021914	-.001053	.000270	-.001190	.0059665	.000408
#3	.000263	.0016006	.000964	-.001141	.001148	.0062350	.000547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000537	-.000069	-.014776	.0000671	-.000221	.0030942	.0036743
Stddev	.0000263	.000055	.017186	.0006296	.000254	.0028854	.0094487
%RSD	49.04547	80.24611	116.3123	938.4384	115.1969	93.25193	257.1595

#1	.0000551	-.000118	-.033569	.0005097	-.000476	.0051810	.0104148
#2	.0000793	-.000009	-.010900	-.000654	-.000219	-.000199	.0077338
#3	.0000267	-.000079	.000142	.000345	.000033	.004300	-.007126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001404	.0365690	-.000170	.0002620	.2289764	.0038678	.0055106
Stddev	.001288	.0568386	.000163	.0005269	.2918739	.0019612	.0023828
%RSD	91.75216	155.4283	95.79895	201.1370	127.4690	50.70533	43.24098

#1	-.002117	.0725105	-.000344	.0008683	.0053347	.0043990	.0080076
#2	-.002178	.0661565	-.000022	-.000085	.5591517	.0016958	.0052630
#3	.000083	-.028960	-.000144	.000003	.1224429	.0055088	.0032612

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031904	.0005578	.0072995	-.000007	-.000555	.0013282	.0010865
Stddev	.048905	.0018666	.0005336	.000049	.000565	.0007715	.0003360
%RSD	153.2872	334.6196	7.310642	713.4073	101.7686	58.08562	30.92882

#1	.022449	.0012027	.0079105	-.000063	-.000036	.0014086	.0014687
#2	-.045816	.0020164	.0070634	.000025	-.001157	.0005197	.0008374
#3	-.072345	-.001546	.0069247	.000017	-.000472	.0020564	.0009534

Sample Name: ICB Acquired: 12/13/2018 15:04:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009585	.0038182	.0001403
Stddev	.0022635	.0011966	.0000988
%RSD	236.1640	31.33984	70.45813

#1	.0035644	.0024512	.0002287
#2	-.000170	.0046760	.0000336
#3	-.000519	.0043275	.0001585

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.608	2446.282	47137.93	4419.763	3725.575
Stddev	26.115	1.542	141.57	38.233	8.172
%RSD	1.163467	.0630183	.3003332	.8650438	.2193610

#1	2219.947	2444.981	46986.08	4403.430	3722.895
#2	2271.968	2447.985	47161.43	4463.450	3734.752
#3	2241.907	2445.881	47266.29	4392.410	3719.080

Sample Name: ICSA Acquired: 12/13/2018 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	-.001825	.0054002	.0000108	-.020905	.0041404	239.7968
Stddev	.003017	.0019978	.0014019	.000732	.0015064	.2995
%RSD	165.3406	36.99455	12990.65	3.503123	36.38171	.1248944

#1	-.005307	.0031893	.0010355	-.020852	.0040115	240.0354
#2	.000004	.0059357	.0005837	-.021663	.0027027	239.4607
#3	-.000171	.0070757	-.001587	-.020201	.0057071	239.8944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053410	.0008798	.0008839	244.9249	.0597458	.0016709
Stddev	.0007691	.0000469	.0000927	.6642	.0006436	.0004182
%RSD	14.40064	5.324479	10.49043	.2711725	1.077221	25.02871

#1	.0057901	.0009328	.0009074	245.6706	.0599572	.0020796
#2	.0044529	.0008439	.0009627	244.7075	.0602572	.0016893
#3	.0057799	.0008629	.0007817	244.3967	.0590231	.0012438

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012087	101.0096	.0117710	249.3953	.0013096	-.009059
Stddev	.0027058	.1330	.0013076	.2912	.0005443	.000330
%RSD	223.8602	.1317087	11.10881	.1167707	41.56049	3.646262

#1	-.001520	100.8916	.0103056	249.1021	.0018713	-.009413
#2	.003891	101.1538	.0128187	249.6845	.0012727	-.008759
#3	.001256	100.9835	.0121888	249.3993	.0007847	-.009005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.239437	.0046975	.0085111	-.179122	.0082327	F .0214574
Stddev	.167319	.0064130	.0088667	.050827	.0030642	.0020466
%RSD	69.88001	136.5194	104.1781	28.37539	37.21988	9.538067

#1	-.420685	.0086530	-.000479	-.228367	.0082288	.0214581
#2	-.206759	.0081411	.017249	-.182150	.0051705	.0194104
#3	-.090869	-.002702	.008763	-.126849	.0112988	.0235037

Sample Name: ICSA Acquired: 12/13/2018 15:14:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.0006589	.0071016	-.000855	-.002278	-.004396	.0050232
Stddev	.0000862	.0023807	.001017	.000317	.001116	.0023770
%RSD	13.07886	33.52271	118.9297	13.93388	25.38858	47.32120

#1	.0007582	.0098236	-.001648	-.002368	-.004954	.0023526
#2	.0006037	.0060731	.000291	-.002541	-.003111	.0058095
#3	.0006147	.0054081	-.001208	-.001925	-.005123	.0069074

Elem	Sr4077
Units	ppm
Avg	.0995546
Stddev	.0002720
%RSD	.2732402

#1	.0998380
#2	.0995303
#3	.0992956

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.905	2296.977	45641.91	4323.344	3348.467
Stddev	9.149	6.775	359.87	44.188	8.299
%RSD	.4303563	.2949609	.7884679	1.022081	.2478509

#1	2118.946	2289.172	45404.23	4281.439	3342.561
#2	2122.503	2300.417	45465.56	4319.087	3344.883
#3	2136.268	2301.343	46055.94	4369.507	3357.955

Sample Name: ICSAB Acquired: 12/13/2018 15:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) 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	.0926147	.1133747	.0505130	.0315242	.5909747	238.7058
Stddev	.0058381	.0009731	.0024511	.0026778	.0014506	.3123
%RSD	6.303637	.8583319	4.852419	8.494433	.2454612	.1308274

#1	.0917222	.1138313	.0478211	.0343758	.5894002	238.8412
#2	.0988476	.1140356	.0526159	.0311338	.5922569	238.3487
#3	.0872742	.1122573	.0511022	.0290631	.5912670	238.9276

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5199682	.5039750	1.015724	242.6268	.5924550	.5045807
Stddev	.0014824	.0042151	.004186	1.2454	.0013855	.0018110
%RSD	.2851026	.8363645	.4121459	.5133119	.2338548	.3589126

#1	.5204879	.5066233	1.012026	244.0278	.5938152	.5034856
#2	.5182959	.5061873	1.014876	241.6453	.5925042	.5035855
#3	.5211208	.4991144	1.020269	242.2072	.5910456	.5066711

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5131090	99.86318	.5213698	247.4970	1.011297	.1938321
Stddev	.0056333	.44397	.0010853	.6370	.002222	.0017694
%RSD	1.097873	.4445820	.2081720	.2573948	.2197282	.9128744

#1	.5185662	100.1001	.5226227	248.1870	1.008974	.1944743
#2	.5134459	99.3510	.5207701	246.9313	1.011513	.1951908
#3	.5073148	100.1385	.5207167	247.3727	1.013403	.1918313

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243780	.5165080	.9819246	-.252375	.0106835	F .3966450
Stddev	.0711511	.0066317	.0258407	.033805	.0059310	.0022357
%RSD	291.8662	1.283956	2.631641	13.39483	55.51525	.5636397

#1	.0322834	.5239115	.9659852	-.216404	.0144664	.3977737
#2	.0912462	.5145003	.9680496	-.257232	.0038480	.3980912
#3	-.050396	.5111120	1.011739	-.283488	.0137362	.3940700

Sample Name: ICSAB Acquired: 12/13/2018 15:18:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3534902	.3281770	.3796805	F .3766594	.3788897	.0024386
Stddev	.0001818	.0050445	.0030373	.0038112	.0017542	.0004221
%RSD	.0514342	1.537126	.7999728	1.011833	.4629850	17.30966

#1	.3533029	.3226322	.3831877	.3732972	.3808567	.0019570
#2	.3535020	.3294041	.3779163	.3807995	.3783251	.0027442
#3	.3536659	.3324948	.3779376	.3758816	.3774873	.0026146

Elem	Sr4077
Units	ppm
Avg	.0994403
Stddev	.0004292
%RSD	.4315994

#1	.0999292
#2	.0992664
#3	.0991255

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.012	2323.405	46262.94	4393.935	3383.768
Stddev	17.716	3.079	241.97	40.464	7.430
%RSD	.8198073	.1325322	.5230296	.9209071	.2195679

#1	2144.121	2323.545	45986.26	4349.153	3387.078
#2	2179.452	2326.412	46434.99	4404.782	3388.968
#3	2159.463	2320.258	46367.56	4427.870	3375.259

Sample Name: CCV043 Acquired: 12/13/2018 15:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025156	5.099821	25.78413	4.807042	5.021516	420.7090	10.47853
Stddev	.010858	.002246	.05203	.008259	.008492	1.1069	.01507
%RSD	.2160703	.0440430	.2017866	.1718017	.1691044	.2631112	.1438422

#1	5.019631	5.097947	25.75854	4.814341	5.012123	420.0939	10.49049
#2	5.018171	5.099206	25.74984	4.798078	5.023778	421.9869	10.48349
#3	5.037665	5.102311	25.84399	4.808705	5.028648	420.0462	10.46160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5212851	2.592757	420.9924	15.92995	2.630898	15.64824	419.6079
Stddev	.0004732	.004041	2.1517	.03032	.004485	.04829	2.3466
%RSD	.0907815	.1558589	.5110918	.1903641	.1704929	.3086153	.5592410

#1	.5210644	2.592056	420.9059	15.90496	2.630764	15.67084	419.2442
#2	.5218284	2.589113	423.1860	15.96369	2.626481	15.68110	422.1151
#3	.5209626	2.597103	418.8853	15.92121	2.635449	15.59280	417.4644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59278	421.8372	2.620156	1.305735	410.6070	2.621002	15.38883
Stddev	.12186	2.1080	.003391	.007962	.8557	.031237	.12040
%RSD	.7814917	.4997184	.1294020	.6097539	.2084030	1.191795	.7823573

#1	15.57088	420.5454	2.618674	1.302753	410.4701	2.619746	15.30087
#2	15.72411	424.2698	2.617759	1.299695	411.5229	2.652848	15.52604
#3	15.48336	420.6966	2.624035	1.314757	409.8280	2.590412	15.33957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	159.4125	4.883377	5.285211	5.042723	4.888472	5.231017	5.214444
Stddev	.1555	.009060	.010361	.007224	.016832	.006899	.015458
%RSD	.0975256	.1855288	.1960331	.1432567	.3443234	.1318873	.2964421

#1	159.5903	4.891003	5.282778	5.036631	4.905009	5.223187	5.204764
#2	159.3021	4.885766	5.296572	5.040835	4.871360	5.233666	5.206297
#3	159.3451	4.873362	5.276283	5.050704	4.889048	5.236200	5.232271

Sample Name: CCV043 Acquired: 12/13/2018 15:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.178489	5.354669	5.235962
Stddev	.024010	.029752	.006589
%RSD	.4636512	.5556315	.1258386

#1	5.174047	5.361903	5.236726
#2	5.204411	5.380137	5.229025
#3	5.157011	5.321967	5.242136

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.631	2065.027	44505.96	4242.872	2995.136
Stddev	2.744	1.653	64.50	14.066	2.139
%RSD	.1393082	.0800486	.1449154	.3315253	.0714237

#1	1971.857	2064.526	44434.77	4232.400	2993.060
#2	1966.565	2063.683	44560.50	4237.355	2995.013
#3	1970.469	2066.873	44522.60	4258.860	2997.334

Sample Name: CCB043 Acquired: 12/13/2018 15:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009818	.0000668	.0011114	.0029383	.0007932	.0083181
Stddev	.0033405	.0010910	.0020587	.0004107	.0002871	.0043410
%RSD	340.2445	1633.585	185.2354	13.97790	36.20054	52.18674

#1	.0027421	-.001183	.0034526	.0026537	.0005759	.0117480
#2	-.002871	.000556	-.000416	.0027520	.0006849	.0034376
#3	.003074	.000827	.000297	.0034092	.0011187	.0097688

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000869	.0000648	-.000069	-.011690	-.000200	-.000141
Stddev	.0006848	.0000550	.000044	.005309	.000390	.000102
%RSD	788.3622	84.76706	63.58314	45.41570	194.6734	71.92526

#1	-.000697	.0001015	-.000051	-.014019	-.000578	-.000055
#2	.000385	.0000017	-.000037	-.005615	.000202	-.000115
#3	.000572	.0000914	-.000119	-.015437	-.000225	-.000254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066323	.0186734	.0007526	.0361108	-.000110	.0002824
Stddev	.0014676	.0039443	.0005321	.0352952	.000167	.0001712
%RSD	22.12768	21.12280	70.70185	97.74129	151.6016	60.60922

#1	.0067337	.0165764	.0003123	.0422038	-.000160	.0002028
#2	.0080466	.0162205	.0006016	.0679629	-.000246	.0004789
#3	.0051167	.0232233	.0013439	-.001834	.000076	.0001655

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3906199	.0013350	.0089036	.0074910	-.000034	F .0125370
Stddev	.1042565	.0057085	.0116910	.0302358	.002794	.0012618
%RSD	26.69003	427.6106	131.3067	403.6308	8308.724	10.06451

#1	.2988948	-.000554	.0223687	.0021177	-.003208	.0112596
#2	.5040050	.007749	.0030070	-.019698	.001058	.0137826
#3	.3689598	-.003189	.0013351	.040053	.002049	.0125689

Sample Name: CCB043 Acquired: 12/13/2018 15:26:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000187	.0009117	.0009855	-.000801	.0028225
Stddev	.000121	.003161	.0010993	.0006427	.002498	.0013758
%RSD	740.3107	1691.127	120.5770	65.21532	311.6785	48.74259

#1	-.000156	.001467	-.000356	.0006551	-.000613	.0041452
#2	.000055	.001804	.001595	.0017262	-.003388	.0029232
#3	.000052	-.003831	.001497	.0005752	.001597	.0013992

Elem	Sr4077
Units	ppm
Avg	.0001315
Stddev	.0000995
%RSD	75.66059

#1	.0002163
#2	.0000220
#3	.0001563

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.948	2486.941	47564.25	4500.083	3797.574
Stddev	11.497	3.471	209.37	19.322	9.364
%RSD	.5055831	.1395748	.4401834	.4293707	.2465775

#1	2263.120	2482.965	47330.14	4478.500	3792.195
#2	2286.013	2489.369	47733.56	4505.980	3808.387
#3	2272.711	2488.489	47629.05	4515.770	3792.141

Sample Name: PB115550BL Acquired: 12/13/2018 15:30:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW550 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000758	.0012254	.0014776	.0013097	-.000110	.0049438	.0003615
Stddev	.001222	.0021023	.0008670	.0021162	.001438	.0086376	.0017186
%RSD	161.1001	171.5601	58.67308	161.5855	1302.371	174.7167	475.4165

#1	-.001335	.0034689	.0012061	-.001133	-.001384	-.003195	.0002057
#2	-.001586	.0009064	.0024478	.002462	.001448	.014006	.0021526
#3	.000645	-.000699	.0007789	.002600	-.000395	.004020	-.001274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000422	-.000065	-.014938	-.000010	-.000087	.0041302	.0077391
Stddev	.0000483	.000095	.024236	.000329	.000431	.0027146	.0162871
%RSD	114.4202	145.9757	162.2475	3372.433	495.6407	65.72472	210.4521

#1	.0000229	.000023	-.004639	.000030	-.000487	.0019025	.0249698
#2	.0000972	-.000166	-.042623	-.000356	-.000144	.0033343	-.007403
#3	.0000066	-.000053	.002448	.000297	.000370	.0071537	.005650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001356	-.013126	.0000042	.0001309	.2955521	.0021794	-.010441
Stddev	.001587	.028659	.0005044	.0002306	.5046656	.0089021	.005807
%RSD	117.0548	218.3351	12049.57	176.1489	170.7535	408.4598	55.61653

#1	.000433	.019604	-.000213	-.000132	.2629389	.0121466	-.007114
#2	-.002593	-.025264	.000581	.000226	.8157333	-.004981	-.007063
#3	-.001907	-.033718	-.000355	.000299	-.192016	-.000627	-.017147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.103811	-.001585	.0056613	-.000017	-.000356	.0007657	-.000474
Stddev	.051814	.000452	.0002991	.000238	.003580	.0003143	.000379
%RSD	49.91146	28.54838	5.283010	1376.967	1004.423	41.04499	79.88724

#1	-.139658	-.002032	.0057755	.000031	.003712	.0004143	-.000304
#2	-.127372	-.001596	.0058864	.000194	-.001754	.0010199	-.000210
#3	-.044404	-.001127	.0053219	-.000276	-.003027	.0008628	-.000908

Sample Name: PB115550BL Acquired: 12/13/2018 15:30:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW550 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000854	.0006528	.0001227
Stddev	.001557	.0008132	.0000303
%RSD	182.1980	124.5580	24.68397

#1	-.001251	.0007852	.0001444
#2	-.002175	-.000218	.0001356
#3	.000862	.001392	.0000881

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.749	2484.382	47700.57	4491.677	3799.443
Stddev	15.727	4.275	47.83	12.081	4.091
%RSD	.6919595	.1720891	.1002726	.2689666	.1076720

#1	2269.553	2479.542	47700.17	4478.540	3800.736
#2	2258.866	2487.645	47652.94	4502.310	3802.731
#3	2289.828	2485.958	47748.60	4494.180	3794.862

Sample Name: PB115550BS Acquired: 12/13/2018 15:34:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS550 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199368	.0519853	.0205455	.0758272	.1257222	.4093402
Stddev	.0009611	.0025137	.0009155	.0017214	.0006712	.0028175
%RSD	4.820522	4.835334	4.455909	2.270090	.5338327	.6883018

#1	.0200270	.0532488	.0213461	.0773462	.1253721	.4125481
#2	.0208495	.0490906	.0195474	.0739575	.1252985	.4072669
#3	.0189338	.0536166	.0207430	.0761780	.1264960	.4082055

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4169260	.0105238	.0103821	10.41988	.0232571	.0991874
Stddev	.0024868	.0002090	.0000561	.08200	.0001379	.0001898
%RSD	.5964586	1.986058	.5403676	.7869464	.5929878	.1913753

#1	.4181247	.0103632	.0104457	10.45500	.0231649	.0993689
#2	.4185865	.0107601	.0103394	10.47846	.0234156	.0992031
#3	.4140669	.0104481	.0103613	10.32616	.0231907	.0989902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568815	.2205881	.0345291	10.37790	.0835537	.0201167
Stddev	.0044346	.0079382	.0017195	.10171	.0002933	.0008593
%RSD	7.796194	3.598639	4.979975	.9800845	.3510333	4.271693

#1	.0521994	.2296910	.0363638	10.43630	.0837675	.0205478
#2	.0610181	.2169676	.0342691	10.43694	.0832194	.0206751
#3	.0574268	.2151056	.0329543	10.26045	.0836743	.0191271

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29609	.1042058	.1124540	9.654830	.0194802	F .0263587
Stddev	.26700	.0064160	.0041779	.003015	.0011717	.0012935
%RSD	2.593188	6.157066	3.715198	.0312234	6.014710	4.907440

#1	9.99416	.1096668	.1170488	9.652328	.0188814	.0258026
#2	10.39302	.1058110	.1114296	9.658177	.0187290	.0278373
#3	10.50108	.0971396	.1088836	9.653985	.0208303	.0254362

Sample Name: PB115550BS Acquired: 12/13/2018 15:34:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS550 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200641	.1638223	.2142081	.0140419	.2111916	.0956847
Stddev	.0002302	.0017806	.0046133	.0004770	.0040840	.0012504
%RSD	1.147328	1.086881	2.153659	3.397107	1.933806	1.306831

#1	.0203199	.1637615	.2113829	.0142940	.2140507	.0964195
#2	.0198736	.1620730	.2195318	.0143401	.2065142	.0942410
#3	.0199987	.1656325	.2117096	.0134918	.2130098	.0963938

Elem	Sr4077
Units	ppm
Avg	.2067089
Stddev	.0007558
%RSD	.3656145

#1	.2075793
#2	.2063283
#3	.2062191

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.420	2437.389	47081.11	4432.760	3758.362
Stddev	37.624	3.799	344.09	32.049	4.033
%RSD	1.677090	.1558701	.7308548	.7230058	.1073098

#1	2220.441	2439.597	46805.75	4452.230	3762.322
#2	2286.840	2439.567	47466.85	4395.770	3758.504
#3	2222.978	2433.002	46970.74	4450.280	3754.259

Sample Name: PB115605BL Acquired: 12/13/2018 15:38:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002648	-.000379	-.002429	.0013342	.0004118	.0103537	.0008378
Stddev	.0027724	.000812	.000772	.0010960	.0005858	.0120654	.0010155
%RSD	1046.965	214.3728	31.77237	82.14806	142.2366	116.5315	121.2167

#1	.0002202	-.001309	-.002287	.0010562	-.000263	-.003515	.0019858
#2	-.002485	.000192	-.003262	.0004040	.000714	.018433	.0004705
#3	.003059	-.000020	-.001738	.0025425	.000785	.016144	.0000570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000056	-.025032	.0000433	-.000123	.0040087	.0089159
Stddev	.000057	.000052	.024883	.0003193	.000223	.0004223	.0210540
%RSD	313.0838	93.40264	99.40234	738.1415	180.6361	10.53444	236.1403

#1	.000026	-.000106	-.003831	-.000324	-.000106	.0036795	.0298917
#2	-.000083	-.000002	-.052427	.000250	.000090	.0038616	.0090713
#3	.000002	-.000060	-.018839	.000204	-.000355	.0044848	-.012215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000299	.0809533	-.000213	.0002393	.3343898	.0046483	-.002076
Stddev	.001118	.1019309	.000344	.0001288	.2424391	.0000912	.004448
%RSD	373.4721	125.9131	161.1290	53.81047	72.50195	1.961846	214.2555

#1	.000151	-.004505	-.000507	.0003737	.4129362	.0047362	-.001071
#2	-.001572	.053593	.000165	.0001169	.0624160	.0046545	.001784
#3	.000523	.193772	-.000298	.0002275	.5278171	.0045541	-.006940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.099013	.0004322	.0035595	-.000017	-.002407	.0004606	-.000436
Stddev	.044327	.0005711	.0009191	.000143	.003417	.0014391	.001145
%RSD	44.76882	132.1397	25.82235	844.5529	141.9859	312.4336	262.9004

#1	-.117008	.0010565	.0041132	-.000181	.001492	-.001156	-.000206
#2	-.131513	.0003039	.0024985	.000050	-.004879	.000937	-.001678
#3	-.048518	-.000064	.0040667	.000080	-.003832	.001601	.000577

Sample Name: PB115605BL Acquired: 12/13/2018 15:38:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW605 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000994	-.002686	.0001027
Stddev	.000534	.001340	.0001077
%RSD	53.67984	49.88092	104.8521

#1	-.001198	-.004188	.0000396
#2	-.001395	-.001614	.0002271
#3	-.000389	-.002256	.0000414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.341	2428.165	46721.46	4394.817	3704.561
Stddev	9.973	5.013	239.97	51.606	5.065
%RSD	.4499779	.2064496	.5136106	1.174258	.1367283

#1	2219.368	2426.245	46872.35	4361.360	3698.895
#2	2224.450	2433.854	46847.28	4454.250	3708.651
#3	2205.206	2424.396	46444.75	4368.840	3706.138

Sample Name: PB115605BS Acquired: 12/13/2018 15:42:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213498	.0509111	.0198441	.0737194	.1201962	.4047944	.3955902
Stddev	.0017291	.0009993	.0007072	.0005336	.0023778	.0151493	.0018013
%RSD	8.098711	1.962787	3.564016	.7238580	1.978258	3.742455	.4553406

#1	.0229961	.0515324	.0190311	.0739551	.1174506	.4075329	.3974987
#2	.0195484	.0497584	.0201838	.0731085	.1215894	.3884626	.3953522
#3	.0215048	.0514424	.0203175	.0740946	.1215484	.4183875	.3939198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102936	.0100698	10.03531	.0223805	.0964228	.0528934	.2178128
Stddev	.0000562	.0000505	.06830	.0006058	.0002728	.0015971	.0246577
%RSD	.5458772	.5015282	.6806360	2.706819	.2828755	3.019492	11.32060

#1	.0102729	.0100327	10.05053	.0221917	.0963067	.0528766	.2065085
#2	.0103572	.0100494	10.09473	.0218916	.0962274	.0544989	.2460960
#3	.0102506	.0101274	9.96068	.0230582	.0967344	.0513048	.2008340

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0327719	9.903135	.0809663	.0197415	9.701993	.1016858	.1291392
Stddev	.0020151	.091889	.0008075	.0000625	.232503	.0025911	.0087069
%RSD	6.148758	.9278760	.9972786	.3165830	2.396450	2.548163	6.742293

#1	.0349623	9.808672	.0802394	.0198000	9.954759	.1009290	.1226967
#2	.0323562	9.992212	.0808241	.0196756	9.497252	.1045711	.1390449
#3	.0309971	9.908522	.0818354	.0197489	9.653969	.0995574	.1256761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.765998	.0229781	.0203668	.0188904	.1610310	.1990540	.0126043
Stddev	.026824	.0019961	.0009240	.0001604	.0017035	.0010997	.0009772
%RSD	.3059965	8.686947	4.536738	.8489526	1.057876	.5524467	7.752644

#1	8.738499	.0233197	.0195118	.0187116	.1627034	.1982564	.0129760
#2	8.792091	.0247815	.0202416	.0189380	.1592980	.2003085	.0133411
#3	8.767403	.0208333	.0213470	.0190215	.1610916	.1985972	.0114959

Sample Name: PB115605BS Acquired: 12/13/2018 15:42:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS605 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1973105	.0763409	.1950206
Stddev	.0020123	.0029460	.0004248
%RSD	1.019880	3.859054	.2178289

#1	.1952518	.0797042	.1954950
#2	.1974067	.0742172	.1948912
#3	.1992730	.0751013	.1946755

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.796	2593.239	49703.50	4692.633	3966.557
Stddev	17.845	10.795	177.32	19.671	13.693
%RSD	.7504923	.4162582	.3567645	.4191786	.3452104

#1	2387.795	2605.645	49899.86	4714.270	3982.083
#2	2388.399	2588.084	49655.58	4675.830	3961.386
#3	2357.193	2585.988	49555.07	4687.800	3956.203

Sample Name: PB115606BL Acquired: 12/13/2018 15:51:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS606 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003813	.0014622	-.000252	.0012850	.0017807	.0005437	-.001023
Stddev	.0026569	.0013224	.001144	.0021365	.0010208	.0045425	.000834
%RSD	696.7947	90.43418	454.4254	166.2648	57.32465	835.5559	81.55079

#1	-.002686	.0027292	-.000717	.0016133	.0027090	.0042771	-.000651
#2	.001846	.0015669	-.001089	.0032383	.0019455	-.004514	-.001978
#3	.001983	.0000906	.001051	-.000997	.0006875	.001868	-.000439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000330	-.000075	-.012097	-.000409	.0001244	.0066476	.0081370
Stddev	.0000380	.000009	.014475	.000233	.0001364	.0017156	.0140091
%RSD	115.0313	12.43124	119.6575	56.97051	109.6261	25.80799	172.1649

#1	.0000646	-.000078	.002616	-.000535	.0001625	.0083284	.0241928
#2	-.000009	-.000064	-.026321	-.000553	-.000027	.0048991	-.001598
#3	.000044	-.000082	-.012585	-.000140	.000238	.0067152	.001816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000218	-.017009	.0000880	.0003505	.8675737	-.000021	.0128623
Stddev	.001383	.041005	.0001010	.0003187	.1182272	.002332	.0188210
%RSD	633.1934	241.0751	114.7252	90.92005	13.62734	10865.03	146.3276

#1	-.001771	.024825	.0001667	.0005590	.9844752	-.002264	.0139937
#2	.000881	-.057133	.0001232	.0005089	.7480639	-.000191	.0310920
#3	.000235	-.018720	-.000026	-.000016	.8701820	.002390	-.006499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4928925	.0002375	.0008541	-.000073	-.002570	.0006389	-.000371
Stddev	.0604418	.0017626	.0016664	.000143	.004737	.0008150	.000299
%RSD	12.26268	741.9965	195.1027	195.1088	184.3626	127.5629	80.78718

#1	.5040396	-.000968	.0019071	-.000165	-.002408	.0003919	-.000696
#2	.5469848	.002260	-.001067	-.000146	-.007386	.0015488	-.000107
#3	.4276530	-.000580	.001722	.000091	.002085	-.000024	-.000309

Sample Name: PB115606BL Acquired: 12/13/2018 15:51:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS606 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010955	.0172423	-.000015
Stddev	.0019470	.0035847	.000105
%RSD	177.7246	20.79023	705.9539

#1	.0032687	.0165699	.000072
#2	.0005081	.0211155	.000014
#3	-.000490	.0140414	-.000131

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.827	2475.870	47606.76	4560.410	3785.330
Stddev	7.980	10.667	216.58	10.204	14.924
%RSD	.3540786	.4308219	.4549264	.2237480	.3942674

#1	2244.713	2464.203	47386.07	4550.460	3771.852
#2	2257.212	2485.121	47615.24	4570.850	3801.369
#3	2259.558	2478.286	47818.98	4559.920	3782.770

Sample Name: PB115606BS Acquired: 12/13/2018 15:55:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS606 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218058	.0520517	.0182706	.0724521	.1190757	.3999478	.3946651
Stddev	.0022191	.0005236	.0008806	.0009614	.0021071	.0131007	.0006485
%RSD	10.17662	1.005945	4.819541	1.326985	1.769562	3.275596	.1643074

#1	.0211524	.0522925	.0190491	.0727747	.1168683	.3966065	.3940325
#2	.0199868	.0524115	.0173149	.0713708	.1210657	.3888414	.3946344
#3	.0242782	.0514510	.0184477	.0732107	.1192930	.4143956	.3953283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103775	.0100821	9.877189	.0226382	.0959888	.0540316	.2092237
Stddev	.0000308	.0000345	.111697	.0002255	.0001922	.0039511	.0068327
%RSD	.2971597	.3423461	1.130856	.9961745	.2002109	7.312490	3.265730

#1	.0103515	.0100750	10.00182	.0227686	.0957788	.0550209	.2016275
#2	.0104116	.0101196	9.84363	.0227681	.0961558	.0496799	.2111752
#3	.0103696	.0100517	9.78612	.0223778	.0960319	.0573940	.2148683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302074	9.715625	.0805850	.0199498	9.804560	.0994313	.1104837
Stddev	.0025015	.213970	.0003414	.0004283	.173989	.0045819	.0105889
%RSD	8.281176	2.202329	.4236362	2.147098	1.774568	4.608151	9.584118

#1	.0330044	9.962141	.0804553	.0195997	9.791051	.1032066	.1072464
#2	.0294335	9.606698	.0809722	.0198223	9.984909	.1007536	.1223133
#3	.0281843	9.578035	.0803274	.0204274	9.637719	.0943336	.1018913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.900166	.0240599	.0200319	.0188984	.1626343	.2027090	.0121657
Stddev	.053064	.0014917	.0009069	.0000653	.0046245	.0015329	.0003995
%RSD	.5962161	6.199803	4.527329	.3452825	2.843476	.7562062	3.283946

#1	8.956979	.0256121	.0193724	.0188242	.1577716	.2015288	.0121267
#2	8.851885	.0239304	.0210661	.0189240	.1631548	.2021566	.0117872
#3	8.891635	.0226372	.0196571	.0189469	.1669766	.2044415	.0125834

Sample Name: PB115606BS Acquired: 12/13/2018 15:55:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS606 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1972916	.0781888	.1953901
Stddev	.0011740	.0001951	.0003861
%RSD	.5950393	.2495638	.1975975

#1	.1979213	.0783915	.1952655
#2	.1959371	.0780023	.1950817
#3	.1980163	.0781727	.1958231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.244	2662.252	52075.39	4849.291	4086.430
Stddev	11.070	10.479	84.42	22.080	4.786
%RSD	.4443545	.3936229	.1621128	.4553149	.1171177

#1	2479.350	2667.878	52172.29	4867.622	4083.365
#2	2493.137	2668.717	52017.72	4855.470	4091.945
#3	2501.245	2650.162	52036.16	4824.780	4083.979

Sample Name: J6274-01 Acquired: 12/13/2018 15:59:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061876	.0015005	.0034024	.0423829	-.000096	.3836941	.1425053
Stddev	.0010067	.0018480	.0006262	.0010323	.000444	.0098749	.0005764
%RSD	16.26869	123.1650	18.40565	2.435564	462.8486	2.573636	.4044965

#1	.0064386	.0009843	.0032475	.0416170	.000348	.3929216	.1426715
#2	.0070450	.0035517	.0028681	.0435568	-.000097	.3732792	.1418640
#3	.0050792	-.000035	.0040915	.0419750	-.000539	.3848816	.1429803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001294	.0002142	71.49866	.0027199	-.001146	.0074609	.4446000
Stddev	.0000236	.0000765	.07611	.0003640	.000183	.0013520	.0036436
%RSD	18.24161	35.70839	.1064479	13.38471	15.94833	18.12070	.8195182

#1	.0001255	.0001380	71.50903	.0025936	-.000935	.0076764	.4456787
#2	.0001080	.0002909	71.41789	.0024358	-.001265	.0086922	.4405388
#3	.0001547	.0002136	71.56905	.0031303	-.001237	.0060141	.4475824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212448	16.75747	.0019253	-.000012	98.04305	.0052516	.0237760
Stddev	.0004491	.14453	.0002656	.000388	.47000	.0018650	.0140749
%RSD	2.114076	.8624892	13.79445	3359.573	.4793768	35.51256	59.19773

#1	.0217632	16.69919	.0016256	-.000427	97.88257	.0039603	.0354650
#2	.0209729	16.65118	.0021315	.000051	98.57227	.0073898	.0081526
#3	.0209983	16.92204	.0020187	.000341	97.67431	.0044048	.0277105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.212728	.0510976	76.76115	.0228428	10.41917	8.168012	-.002081
Stddev	.117812	.0027109	.35909	.0002179	.02257	.048078	.000442
%RSD	1.434507	5.305379	.4678053	.9539840	.2166434	.5886157	21.25775

#1	8.262242	.0484409	76.50373	.0230846	10.39465	8.223286	-.002199
#2	8.297703	.0538596	76.60835	.0226615	10.43908	8.144851	-.001592
#3	8.078240	.0509923	77.17137	.0227822	10.42378	8.135897	-.002453

Sample Name: J6274-01 Acquired: 12/13/2018 15:59:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0099204	.1576123	.8041393
Stddev	.0005686	.0018865	.0010047
%RSD	5.731559	1.196924	.1249429

#1	.0095135	.1559817	.8029792
#2	.0105700	.1596785	.8047217
#3	.0096776	.1571767	.8047171

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.179	2569.702	51104.35	4794.871	3903.092
Stddev	23.626	3.402	309.97	32.495	5.646
%RSD	.9831277	.1324059	.6065465	.6777040	.1446433

#1	2421.866	2573.010	51386.68	4802.339	3909.540
#2	2376.622	2569.885	50772.66	4759.291	3899.037
#3	2411.050	2566.212	51153.71	4822.981	3900.700

Sample Name: J6274-02 Acquired: 12/13/2018 16:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071298	.0010779	.0050932	.0409760	-.000482	.2711541	.1420368
Stddev	.0052177	.0008058	.0010301	.0017992	.001777	.0161771	.0007231
%RSD	73.18119	74.75645	20.22563	4.390893	368.2779	5.966002	.5090772

#1	.0031899	.0008057	.0048743	.0428600	-.002514	.2555674	.1412761
#2	.0130472	.0004434	.0041901	.0407924	.000782	.2700318	.1421192
#3	.0051524	.0019846	.0062152	.0392756	.000285	.2878631	.1427152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000773	.0002363	71.55921	.0026196	-.001236	.0050733	.3120172
Stddev	.0000656	.0000537	.96716	.0006420	.000016	.0032814	.0184699
%RSD	84.78691	22.74538	1.351553	24.50632	1.267565	64.67975	5.919507

#1	.0000171	.0002904	70.65458	.0028509	-.001220	.0044577	.3148317
#2	.0000678	.0002355	72.57865	.0018940	-.001251	.0086189	.2923016
#3	.0001472	.0001829	71.44438	.0031138	-.001235	.0021433	.3289183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193153	16.69541	.0020996	.0002563	98.64226	.0014106	.0228997
Stddev	.0013302	.18616	.0001066	.0001370	.68547	.0073291	.0088366
%RSD	6.886570	1.115054	5.074743	53.46183	.6949059	519.5675	38.58833

#1	.0204704	16.48091	.0020121	.0004101	98.15185	-.006903	.0133893
#2	.0178610	16.79043	.0020684	.0001471	99.42551	.006937	.0308565
#3	.0196144	16.81488	.0022182	.0002118	98.34942	.004198	.0244533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.290381	.0488458	76.45292	.0230468	10.39816	7.910893	-.002100
Stddev	.066423	.0010444	1.44952	.0000740	.03593	.058681	.000812
%RSD	.8012020	2.138066	1.895970	.3211364	.3455677	.7417708	38.67334

#1	8.322536	.0493751	76.24816	.0229622	10.37402	7.914331	-.001455
#2	8.334608	.0495195	77.99393	.0230997	10.43946	7.967779	-.003012
#3	8.214000	.0476428	75.11665	.0230784	10.38101	7.850569	-.001832

Sample Name: J6274-02 Acquired: 12/13/2018 16:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0059434	.1612719	.8131445
Stddev	.0027442	.0027440	.0035611
%RSD	46.17195	1.701447	.4379382

#1	.0028815	.1581201	.8172543
#2	.0067678	.1625665	.8109731
#3	.0081809	.1631290	.8112061

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2358.603	2551.945	50308.76	4786.883	3881.014
Stddev	17.788	10.311	203.51	37.292	13.883
%RSD	.7541941	.4040378	.4045274	.7790472	.3577087

#1	2374.401	2550.030	50460.02	4793.510	3887.082
#2	2362.073	2563.079	50388.88	4746.722	3890.828
#3	2339.335	2542.726	50077.38	4820.418	3865.130

Sample Name: J6274-03 Acquired: 12/13/2018 16:07:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000845	.0014536	.0009875	-.001477	-.001313	.0087837	.0005232
Stddev	.003914	.0017346	.0004068	.000498	.000659	.0088648	.0004758
%RSD	463.1576	119.3305	41.19306	33.75022	50.22059	100.9231	90.93909

#1	-.005326	.0021079	.0011744	-.001316	-.001226	.0000836	.0004034
#2	.001906	-.000513	.0012672	-.001078	-.002012	.0178045	.0001187
#3	.000885	.002766	.0005209	-.002036	-.000702	.0084630	.0010474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	-.000067	.0028823	-.000348	-.000204	.0025575	.0090362
Stddev	.000055	.000055	.0189445	.000544	.000264	.0027336	.0247163
%RSD	475.6120	81.84468	657.2734	156.3290	129.8402	106.8853	273.5261

#1	.000012	-.000005	.0092655	-.000971	-.000089	.0050579	-.015794
#2	.000027	-.000088	.0178107	.000027	-.000506	.0029758	.033637
#3	-.000074	-.000108	-.018429	-.000099	-.000016	-.000361	.009266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001672	.0392227	.0000652	.0002022	.3490040	.0018206	.0024106
Stddev	.001327	.0769856	.0001969	.0002227	.0717322	.0040962	.0017328
%RSD	79.33673	196.2784	301.8944	110.1349	20.55340	224.9930	71.88277

#1	-.001974	.0068709	.0001767	.0001218	.3260990	.0065277	.0008169
#2	-.002822	.1271050	-.000162	.0004539	.4293914	-.000935	.0042551
#3	-.000221	-.016308	.000181	.0000309	.2915215	-.000131	.0021597

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.709813	-.001284	.2248826	.0000460	.0014300	.0013881	-.001361
Stddev	.022816	.000665	.0051418	.0002464	.0011482	.0010555	.000251
%RSD	3.214379	51.82781	2.286451	535.3540	80.29567	76.03916	18.45803

#1	-.687757	-.000805	.2300266	.0002727	.0015608	.0004718	-.001503
#2	-.708364	-.002043	.2248784	.0000814	.0002220	.0011503	-.001509
#3	-.733320	-.001003	.2197429	-.000216	.0025072	.0025423	-.001071

Sample Name: J6274-03 Acquired: 12/13/2018 16:07:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AW7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000567	-.014101	.0000708
Stddev	.001430	.000930	.0001545
%RSD	252.3757	6.595631	218.2381

#1	.001065	-.013047	-.000104
#2	-.001604	-.014449	.000125
#3	-.001161	-.014806	.000191

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.558	2645.067	51184.97	4840.470	4007.946
Stddev	10.408	.199	184.47	42.454	2.208
%RSD	.4259170	.0075245	.3603968	.8770637	.0550930

#1	2453.269	2645.287	51278.11	4885.120	4009.389
#2	2432.571	2645.014	50972.50	4835.670	4009.044
#3	2444.835	2644.900	51304.29	4800.620	4005.404

Sample Name: J6274-04 Acquired: 12/13/2018 16:12:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008449	.0004557	.0006362	.0006544	-.001094	.0223205	.0821125
Stddev	.0010735	.0027987	.0009242	.0014547	.001138	.0154948	.0001031
%RSD	127.0493	614.1649	145.2681	222.2810	104.0197	69.41948	.1255308

#1	-.000394	.0029736	-.000417	.0022811	-.002370	.0226214	.0819940
#2	.001449	.0009511	.001015	-.000522	-.000181	.0066774	.0821619
#3	.001480	-.002558	.001311	.000204	-.000732	.0376626	.0821816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000734	-.000083	31.59173	.0002558	-.000933	.0017009	.0193777
Stddev	.0000530	.000034	.13942	.0007435	.000327	.0042974	.0242651
%RSD	72.14982	41.21807	.4413202	290.7267	35.01181	252.6540	125.2219

#1	.0000873	-.000063	31.59431	-.000360	-.001101	-.003260	.0137551
#2	.0000149	-.000123	31.72984	.000046	-.000556	.004066	-.001583
#3	.0001181	-.000064	31.45103	.001082	-.001141	.004296	.045960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053869	10.38254	.0004716	.0006217	31.13282	.0085644	.0086773
Stddev	.0017971	.07674	.0004077	.0005936	.14462	.0002950	.0138447
%RSD	33.35986	.7390932	86.45678	95.48341	.4645312	3.444556	159.5507

#1	.0074287	10.37736	.0000895	.0010899	31.09579	.0085753	.0187156
#2	.0046869	10.46173	.0004244	.0008211	31.29236	.0082641	.0144330
#3	.0040452	10.30852	.0009009	-.000046	31.01032	.0088538	-.007117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.601372	.0565186	.3353056	.0013690	5.411666	4.495229	-.001944
Stddev	.018943	.0023325	.0025793	.0001519	.009455	.027407	.000511
%RSD	1.182905	4.127008	.7692473	11.09244	.1747243	.6096865	26.27888

#1	1.621328	.0549092	.3343454	.0011938	5.422476	4.486221	-.002167
#2	1.583639	.0591936	.3382273	.0014638	5.407592	4.526007	-.001360
#3	1.599149	.0554530	.3333440	.0014493	5.404931	4.473460	-.002307

Sample Name: J6274-04 Acquired: 12/13/2018 16:12:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AW9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000010	-.010389	.2513843
Stddev	.002102	.000924	.0008713
%RSD	21993.14	8.896246	.3465889

#1	.000225	-.009425	.2512071
#2	-.002219	-.010475	.2506153
#3	.001965	-.011267	.2523306

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.688	2593.395	50703.41	4810.934	3973.259
Stddev	6.019	4.965	192.02	16.803	6.826
%RSD	.2514470	.1914671	.3787131	.3492648	.1717883

#1	2393.518	2594.300	50515.44	4813.941	3973.312
#2	2399.791	2597.846	50695.54	4792.832	3980.058
#3	2387.757	2588.039	50899.24	4826.032	3966.407

Sample Name: J6274-05 Acquired: 12/13/2018 16:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015668	-.000429	.0009270	-.000109	-.000558	.0174206	.0813461
Stddev	.0013335	.000827	.0010883	.002258	.000711	.0125200	.0014099
%RSD	85.10775	193.0303	117.4021	2075.615	127.4270	71.86893	1.733214

#1	.0028131	-.000508	.0003732	-.000789	-.001165	.0312310	.0820293
#2	.0001605	-.001213	.0021808	-.001948	.000224	.0142174	.0797248
#3	.0017270	.000436	.0002269	.002411	-.000734	.0068134	.0822843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000467	-.000099	31.23400	.0000945	-.001083	.0020421	.0256497
Stddev	.0000375	.000042	.14896	.0002127	.000016	.0046555	.0156694
%RSD	80.25597	42.66520	.4769277	225.1022	1.473318	227.9761	61.09006

#1	.0000444	-.000119	31.40123	.0002416	-.001099	-.002773	.0168414
#2	.0000853	-.000051	31.11551	-.000149	-.001067	.002379	.0437411
#3	.0000104	-.000128	31.18526	.000191	-.001083	.006520	.0163666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068959	10.18053	.0006157	.0003817	30.71871	-.001627	.0104938
Stddev	.0011866	.20066	.0001645	.0002879	.19097	.001454	.0141033
%RSD	17.20660	1.971012	26.71052	75.44248	.6216850	89.36533	134.3961

#1	.0076246	10.36914	.0006545	.0007117	30.78884	-.003041	.0143493
#2	.0075364	9.96967	.0007573	.0001818	30.86470	-.000136	.0222685
#3	.0055267	10.20276	.0004353	.0002515	30.50258	-.001705	-.005136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.552446	.0605894	.2855870	.0011967	5.395834	4.411594	-.001720
Stddev	.045106	.0018420	.0023262	.0002455	.019452	.031182	.000542
%RSD	2.905475	3.040086	.8145300	20.51476	.3605050	.7068112	31.49851

#1	1.549703	.0587398	.2873662	.0009669	5.386618	4.407321	-.001783
#2	1.508774	.0606050	.2864400	.0014553	5.418182	4.444691	-.002228
#3	1.598860	.0624236	.2829547	.0011679	5.382703	4.382768	-.001150

Sample Name: J6274-05 Acquired: 12/13/2018 16:16:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000589	-.011978	.2451189
Stddev	.002269	.000516	.0004279
%RSD	385.3128	4.308834	.1745477

#1	-.002927	-.012113	.2447520
#2	.001605	-.011408	.2455889
#3	-.000446	-.012414	.2450159

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.641	2592.810	50562.39	4829.926	3959.411
Stddev	15.245	2.924	103.01	47.665	4.499
%RSD	.6392927	.1127745	.2037379	.9868762	.1136393

#1	2396.149	2592.303	50613.23	4843.582	3958.278
#2	2367.351	2590.172	50443.84	4776.923	3955.586
#3	2390.423	2595.954	50630.11	4869.273	3964.369

Sample Name: J6274-06 Acquired: 12/13/2018 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006241	.0013729	.0014694	-.000135	-.000899	.0248448	.0812000
Stddev	.0014530	.0020806	.0011608	.002518	.001184	.0051613	.0004805
%RSD	232.8290	151.5482	78.99752	1860.427	131.7202	20.77418	.5916817

#1	.0016691	-.000159	.0022065	-.000949	-.001324	.0302998	.0817515
#2	.0012382	.000536	.0020702	.002689	-.001811	.0200385	.0808717
#3	-.001035	.003742	.0001313	-.002146	.000439	.0241961	.0809769

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000366	-.000137	31.13791	.0000094	-.000707	.0031816	.0168003
Stddev	.0000533	.000004	.26594	.0004217	.000250	.0051338	.0111070
%RSD	145.3919	2.891545	.8540704	4478.643	35.30081	161.3600	66.11192

#1	.0000769	-.000134	31.43010	-.000244	-.000985	.0026121	.0214927
#2	.0000567	-.000135	30.91001	-.000224	-.000501	.0085763	.0247910
#3	-.000024	-.000141	31.07361	.000496	-.000636	-.001644	.0041172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071520	10.09590	.0004651	.0003359	30.94760	-.000355	.0133612
Stddev	.0003950	.03158	.0003936	.0004275	.28920	.001784	.0160615
%RSD	5.522598	.3127780	84.62670	127.2772	.9344797	502.8272	120.2096

#1	.0073725	10.13106	.0009144	-.000030	31.08554	-.002251	-.000377
#2	.0073875	10.06997	.0001815	.000231	30.61525	.001292	.009441
#3	.0066960	10.08666	.0002993	.000806	31.14199	-.000106	.031020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.627450	.0587714	.2707710	.0013619	5.453534	4.445352	-.001931
Stddev	.087863	.0024956	.0010715	.0001675	.012877	.027558	.000681
%RSD	5.398810	4.246219	.3957317	12.30086	.2361224	.6199285	35.23817

#1	1.721815	.0559254	.2695813	.0013113	5.453939	4.429397	-.001499
#2	1.612539	.0605855	.2710715	.0015489	5.440460	4.429486	-.002716
#3	1.547997	.0598033	.2716601	.0012255	5.466204	4.477173	-.001578

Sample Name: J6274-06 Acquired: 12/13/2018 16:20:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002644	-.010870	.2497498
Stddev	.001521	.002021	.0005625
%RSD	57.53615	18.59652	.2252219

#1	-.000902	-.008782	.2491198
#2	-.003712	-.012818	.2502018
#3	-.003319	-.011009	.2499276

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.809	2609.717	50646.66	4823.238	3969.325
Stddev	17.035	7.190	49.26	12.150	4.495
%RSD	.7130963	.2755141	.0972585	.2519031	.1132334

#1	2376.945	2617.362	50626.42	4824.028	3974.262
#2	2381.154	2608.698	50610.75	4834.974	3968.244
#3	2408.328	2603.090	50702.82	4810.713	3965.470

Sample Name: J6274-07 Acquired: 12/13/2018 16:24:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000815	.0015921	.0018472	-.000078	-.001993	.0283778	.0906086
Stddev	.0029212	.0014682	.0008209	.000274	.000124	.0210977	.0003367
%RSD	3582.589	92.21895	44.44252	353.5192	6.247608	74.34571	.3715635

#1	-.000290	-.000055	.0012987	-.000375	-.001852	.0448432	.0902899
#2	.003171	.002067	.0027910	-.000025	-.002037	.0356943	.0909607
#3	-.002636	.002764	.0014518	.000166	-.002089	.0045958	.0905751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000329	-.000101	33.26348	.0002212	-.000928	.0053489	.0133944
Stddev	.0000640	.000018	.28506	.0003059	.000222	.0049136	.0118079
%RSD	194.4995	18.32963	.8569715	138.3281	23.94150	91.86054	88.15595

#1	-.000037	-.000084	32.97037	.0003116	-.001024	-.000188	.0039979
#2	.000047	-.000121	33.28033	-.000120	-.001086	.007045	.0095365
#3	.000089	-.000097	33.53973	.000472	-.000674	.009190	.0266487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056476	10.73228	.0002815	.0007219	32.89966	.0014532	.0160704
Stddev	.0006097	.06847	.0000342	.0004646	.32921	.0051715	.0028821
%RSD	10.79525	.6379850	12.15926	64.36436	1.000644	355.8741	17.93403

#1	.0061894	10.73094	.0003122	.0012459	32.52752	-.000874	.0128679
#2	.0049874	10.80141	.0002446	.0003603	33.15288	-.002146	.0168877
#3	.0057661	10.66448	.0002878	.0005594	33.01859	.007379	.0184556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758041	.0659730	.0747793	.0015991	5.909123	4.336872	-.002442
Stddev	.092439	.0023444	.0013074	.0000974	.015831	.026251	.000334
%RSD	5.258088	3.553610	1.748339	6.093731	.2679017	.6053057	13.67101

#1	1.698131	.0661345	.0743308	.0015203	5.893036	4.326458	-.002384
#2	1.864502	.0682324	.0762519	.0015690	5.924685	4.366732	-.002141
#3	1.711491	.0635519	.0737552	.0017081	5.909648	4.317425	-.002801

Sample Name: J6274-07 Acquired: 12/13/2018 16:24:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001704	-.012721	.2894428
Stddev	.002467	.000721	.0013231
%RSD	144.7649	5.665288	.4571032

#1	-.001887	-.013420	.2907874
#2	-.004075	-.012763	.2893987
#3	.000849	-.011981	.2881424

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.023	2557.966	49586.00	4743.332	3885.301
Stddev	7.301	9.531	145.05	25.868	10.833
%RSD	.3123913	.3725839	.2925295	.5453639	.2788094

#1	2341.663	2561.337	49725.18	4771.218	3889.452
#2	2340.798	2565.354	49435.72	4720.118	3893.444
#3	2328.608	2547.208	49597.10	4738.661	3873.007

Sample Name: J6274-08 Acquired: 12/13/2018 16:28:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015084	.0010655	.0025793	-.000964	-.002224	.0170828	.0894241
Stddev	.0030828	.0020185	.0009863	.001311	.000346	.0089588	.0005736
%RSD	204.3751	189.4374	38.24156	136.0928	15.55472	52.44331	.6414475

#1	-.001107	-.000963	.0036473	-.000850	-.002339	.0144331	.0888358
#2	.000725	.003074	.0017027	.000287	-.002499	.0270675	.0899818
#3	.004907	.001086	.0023878	-.002328	-.001836	.0097477	.0894546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000293	-.000112	32.52368	.0006347	-.000889	.0032877	.0271304
Stddev	.0000724	.000096	.14593	.0002457	.000160	.0021456	.0183353
%RSD	247.0378	85.34617	.4486777	38.70954	17.96241	65.26262	67.58187

#1	.0000026	-.000214	32.41635	.0009181	-.000887	.0041873	.0204385
#2	-.000026	-.000025	32.68984	.0005036	-.001051	.0008387	.0130811
#3	.000111	-.000097	32.46486	.0004823	-.000731	.0048372	.0478716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052876	10.45744	.0008627	.0006934	32.68645	.0017244	.0033132
Stddev	.0008040	.04450	.0001841	.0000064	.30438	.0039877	.0033513
%RSD	15.20513	.4255113	21.34572	.9163144	.9312032	231.2513	101.1498

#1	.0062132	10.50880	.0008317	.0006861	32.44560	.0037245	.0019201
#2	.0047630	10.43055	.0010603	.0006977	33.02855	.0043162	.0071365
#3	.0048865	10.43297	.0006959	.0006964	32.58521	-.002867	.0008832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651898	.0685933	.0659801	.0015923	5.893900	4.281195	-.002946
Stddev	.028034	.0002317	.0004525	.0002036	.037122	.034789	.000302
%RSD	1.697092	.3378057	.6857515	12.78657	.6298407	.8125974	10.25763

#1	1.619648	.0684168	.0654941	.0016774	5.876686	4.252197	-.002772
#2	1.665596	.0688557	.0663892	.0013599	5.868510	4.271620	-.002772
#3	1.670448	.0685075	.0660569	.0017395	5.936505	4.319769	-.003295

Sample Name: J6274-08 Acquired: 12/13/2018 16:28:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013945	-.011457	.2876922
Stddev	.0025352	.000936	.0004825
%RSD	181.8029	8.170721	.1677030

#1	-.001527	-.012257	.2882187
#2	.002689	-.011688	.2872713
#3	.003021	-.010428	.2875864

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.357	2587.749	50398.04	4827.129	3918.597
Stddev	7.968	1.899	121.38	32.037	6.837
%RSD	.3344386	.0733947	.2408389	.6636935	.1744771

#1	2373.751	2589.246	50300.10	4858.252	3925.719
#2	2389.476	2588.388	50533.84	4828.886	3917.986
#3	2383.845	2585.612	50360.17	4794.250	3912.086

Sample Name: J6274-09 Acquired: 12/13/2018 16:32:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015172	-.000842	.0007294	-.000452	-.001073	.0203545	.0864495
Stddev	.0032050	.000507	.0003532	.002502	.001658	.0092653	.0009184
%RSD	211.2393	60.17678	48.42235	553.8868	154.5019	45.51949	1.062359

#1	-.002148	-.000636	.0010969	-.001623	-.002976	.0186330	.0861460
#2	.003794	-.000470	.0006991	-.002153	.000063	.0303598	.0857212
#3	.002906	-.001419	.0003924	.002421	-.000307	.0120707	.0874812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000769	-.000048	32.63461	-.000002	-.000791	.0030781	.0047187
Stddev	.0000201	.000029	.22870	.000446	.000448	.0022727	.0124832
%RSD	26.17248	60.19166	.7007981	20823.85	56.65286	73.83446	264.5439

#1	.0000986	-.000047	32.68754	.000404	-.001037	.0023324	.0157958
#2	.0000730	-.000020	32.38408	.000069	-.001062	.0012720	-.008808
#3	.0000590	-.000078	32.83221	-.000479	-.000274	.0056300	.007168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050540	10.46723	.0003482	.0004547	32.25287	.0008838	.0058706
Stddev	.0025997	.11163	.0002625	.0004693	.08867	.0019957	.0056120
%RSD	51.43815	1.066458	75.38760	103.2066	.2749287	225.8194	95.59427

#1	.0020555	10.59424	.0000514	-.000084	32.18760	.0029693	.0003731
#2	.0064300	10.42273	.0004435	.000673	32.21719	.0006900	.0115905
#3	.0066766	10.38471	.0005497	.000775	32.35382	-.001008	.0056482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638138	.0641174	.2669245	.0015982	5.748249	4.244527	-.002839
Stddev	.024280	.0007636	.0035634	.0002255	.015966	.064018	.000674
%RSD	1.482197	1.190929	1.334996	14.10885	.2777545	1.508238	23.75458

#1	1.665565	.0649961	.2696577	.0016799	5.730746	4.301521	-.002500
#2	1.629460	.0636148	.2682216	.0017714	5.762015	4.256798	-.002400
#3	1.619388	.0637413	.2628942	.0013432	5.751986	4.175262	-.003615

Sample Name: J6274-09 Acquired: 12/13/2018 16:32:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000333	-.009979	.2811372
Stddev	.0015496	.001053	.0009740
%RSD	4660.054	10.54864	.3464509

#1	-.001265	-.009492	.2816727
#2	-.000384	-.009258	.2817260
#3	.001749	-.011187	.2800129

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.811	2604.699	50764.87	4840.667	3959.673
Stddev	30.697	4.732	342.16	30.283	3.859
%RSD	1.282865	.1816790	.6740044	.6256013	.0974530

#1	2420.790	2608.961	51074.07	4813.291	3963.702
#2	2397.668	2605.529	50823.27	4835.513	3956.010
#3	2359.976	2599.607	50397.27	4873.197	3959.308

Sample Name: J6274-10 Acquired: 12/13/2018 16:36:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000330	.0008263	.0008020	.0014670	-.001420	.0236381	.0879912
Stddev	.003330	.0008619	.0007607	.0010851	.001603	.0063878	.0004419
%RSD	1010.364	104.3089	94.85070	73.96613	112.8940	27.02351	.5021670

#1	.003515	.0000742	.0002145	.0026956	-.003163	.0223239	.0884121
#2	-.002256	.0006379	.0016613	.0010652	-.001087	.0180096	.0880304
#3	-.002248	.0017668	.0005303	.0006401	-.000009	.0305808	.0875310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000844	-.000053	32.08511	.0002589	-.001004	.0036210	.0492831
Stddev	.0000308	.000049	.11770	.0005656	.000210	.0015696	.0170661
%RSD	36.43899	92.25001	.3668419	218.4689	20.93371	43.34661	34.62874

#1	.0000750	-.000108	32.10153	.0002397	-.001192	.0053506	.0303930
#2	.0001188	-.000016	32.19374	-.000297	-.000777	.0022873	.0635886
#3	.0000594	-.000035	31.96006	.000834	-.001044	.0032250	.0538676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101978	10.72247	.0004029	.0004438	39.18918	.0015568	.0087077
Stddev	.0015764	.09911	.0005734	.0002003	.21375	.0006140	.0092652
%RSD	15.45843	.9242948	142.3223	45.12981	.5454401	39.44383	106.4025

#1	.0117423	10.83289	-.000207	.0002952	39.19271	.0011221	.0102440
#2	.0085913	10.69330	.000931	.0003646	39.40115	.0012890	-.001230
#3	.0102596	10.64122	.000485	.0006715	38.97368	.0022593	.017109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713876	.0608461	.0556437	.0020212	6.292126	4.444592	-.002195
Stddev	.059628	.0026148	.0007891	.0001653	.025239	.022878	.000745
%RSD	3.479156	4.297421	1.418066	8.176582	.4011160	.5147474	33.95537

#1	1.778776	.0582034	.0550584	.0018865	6.278183	4.450986	-.001697
#2	1.701340	.0609028	.0553315	.0022056	6.321260	4.463594	-.001836
#3	1.661512	.0634321	.0565411	.0019714	6.276935	4.419197	-.003052

Sample Name: J6274-10 Acquired: 12/13/2018 16:36:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004115	-.011711	.2719524
Stddev	.0017770	.001925	.0006600
%RSD	431.8418	16.43894	.2427012

#1	.0022483	-.010913	.2722900
#2	.0002852	-.013907	.2711918
#3	-.001299	-.010313	.2723753

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.976	2513.554	49183.32	4719.241	3834.280
Stddev	21.445	9.710	461.58	19.862	12.399
%RSD	.9207785	.3862922	.9384948	.4208634	.3233631

#1	2341.963	2519.922	49481.21	4735.391	3845.403
#2	2340.742	2518.361	49417.13	4725.270	3836.525
#3	2304.224	2502.378	48651.61	4697.064	3820.913

Sample Name: J6274-11 Acquired: 12/13/2018 16:40:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025883	.0011079	.0015653	-.000605	-.000281	.0252561	.0851360
Stddev	.0006590	.0011991	.0018343	.000745	.001140	.0026967	.0004783
%RSD	25.46183	108.2337	117.1854	123.2233	405.6521	10.67742	.5617800

#1	.0025228	.0010984	-.000465	-.000433	.000743	.0222181	.0856755
#2	.0032776	-.000086	.003102	-.001420	-.000076	.0261835	.0847639
#3	.0019645	.002312	.002059	.000040	-.001510	.0273667	.0849685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000621	-.000131	31.52878	.0002112	-.000976	.0055641	.0631085
Stddev	.0000297	.000102	.39413	.0004385	.000093	.0022626	.0142714
%RSD	47.85573	77.86192	1.250079	207.6048	9.534378	40.66486	22.61403

#1	.0000720	-.000160	31.07495	.0000132	-.000926	.0035287	.0524697
#2	.0000855	-.000215	31.72607	-.000093	-.001083	.0080004	.0575290
#3	.0000287	-.000017	31.78530	.000714	-.000918	.0051632	.0793267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095883	10.53704	.0006616	.0008236	38.41165	.0022913	.0088645
Stddev	.0005180	.23751	.0001525	.0001347	.23171	.0009512	.0137637
%RSD	5.402427	2.254016	23.04851	16.35416	.6032383	41.51601	155.2675

#1	.0097325	10.28294	.0007674	.0009788	38.14421	.0025331	.0170379
#2	.0090134	10.57473	.0007305	.0007547	38.55243	.0030982	-.007026
#3	.0100189	10.75344	.0004868	.0007372	38.53830	.0012425	.016582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661427	.0596046	.0507282	.0019433	6.063886	4.355835	-.002567
Stddev	.026885	.0002905	.0005928	.0002178	.026338	.003435	.000749
%RSD	1.618165	.4873361	1.168537	11.20550	.4343370	.0788615	29.16490

#1	1.677610	.0593726	.0502075	.0016928	6.039006	4.353533	-.002545
#2	1.676278	.0595108	.0506036	.0020872	6.061179	4.354188	-.001830
#3	1.630393	.0599304	.0513733	.0020500	6.091472	4.359783	-.003327

Sample Name: J6274-11 Acquired: 12/13/2018 16:40:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AX5D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001576	-.011342	.2656504
Stddev	.000098	.001283	.0008136
%RSD	6.241363	11.31017	.3062704

#1	-.001578	-.011532	.2655857
#2	-.001477	-.009975	.2664944
#3	-.001674	-.012520	.2648710

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2378.685	2579.404	50326.67	4783.559	3936.789
Stddev	15.217	4.770	360.47	21.287	4.401
%RSD	.6397426	.1849364	.7162677	.4449972	.1117880

#1	2395.367	2575.680	50625.13	4807.230	3933.451
#2	2375.125	2584.781	50428.72	4777.461	3941.776
#3	2365.563	2577.751	49926.18	4765.988	3935.138

Sample Name: J6274-12 Acquired: 12/13/2018 16:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436415	.0572043	.0228138	.0540142	.1060422	2.076946	2.238928
Stddev	.0009334	.0004532	.0008463	.0022512	.0012247	.021241	.005569
%RSD	2.138759	.7922646	3.709489	4.167781	1.154921	1.022681	.2487453

#1	.0434008	.0567872	.0232212	.0543577	.1067966	2.082201	2.233095
#2	.0446717	.0576866	.0233793	.0560739	.1046291	2.095066	2.244189
#3	.0428521	.0571390	.0218409	.0516110	.1067009	2.053571	2.239501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525592	.0528766	31.87001	.2295444	.5294032	.2849701	1.125170
Stddev	.0005206	.0000926	.43426	.0004224	.0019868	.0056442	.016110
%RSD	.9904738	.1750822	1.362612	.1840174	.3752823	1.980626	1.431744

#1	.0527609	.0527707	31.82563	.2292146	.5275613	.2810244	1.131796
#2	.0529488	.0529166	32.32476	.2293981	.5291398	.2914352	1.136910
#3	.0519679	.0529424	31.45964	.2300205	.5315085	.2824506	1.106804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5458042	10.54422	.5444381	.0480578	38.76583	.5410591	.5330850
Stddev	.0118251	.11812	.0022243	.0002036	.16715	.0071139	.0135421
%RSD	2.166546	1.120268	.4085419	.4236810	.4311678	1.314803	2.540333

#1	.5416140	10.54264	.5429400	.0481902	38.94094	.5404660	.5189797
#2	.5591538	10.66313	.5433804	.0478233	38.74856	.5484510	.5342922
#3	.5366448	10.42690	.5469938	.0481598	38.60799	.5342604	.5459831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.682279	.0596354	.0495798	.0020225	6.212650	4.399480	-.002799
Stddev	.074039	.0021000	.0011931	.0001461	.021739	.032010	.001116
%RSD	4.401114	3.521450	2.406343	7.223074	.3499110	.7275774	39.86976

#1	1.636548	.0618265	.0485070	.0021128	6.198554	4.408501	-.002670
#2	1.767701	.0594395	.0508647	.0018540	6.201710	4.426010	-.003973
#3	1.642589	.0576402	.0493676	.0021008	6.237685	4.363927	-.001753

Sample Name: J6274-12 Acquired: 12/13/2018 16:44:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002249	-.010790	.2659620
Stddev	.000535	.001440	.0014127
%RSD	23.79101	13.34227	.5311489

#1	-.001664	-.009361	.2657958
#2	-.002370	-.010769	.2646397
#3	-.002714	-.012240	.2674503

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.813	2514.513	49471.51	4714.866	3839.880
Stddev	17.250	13.255	103.80	28.880	14.895
%RSD	.7394526	.5271214	.2098193	.6125209	.3879079

#1	2320.272	2528.329	49440.55	4698.043	3855.878
#2	2352.486	2513.308	49587.27	4698.343	3837.351
#3	2325.683	2501.902	49386.71	4748.213	3826.411

Sample Name: J6274-10LX5 Acquired: 12/13/2018 16:48:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010308	.0003675	.0000805	.0015344	.0003353	.0126422	.0174608
Stddev	.0012396	.0009482	.0026330	.0038946	.0008965	.0110919	.0001770
%RSD	120.2604	258.0077	3270.831	253.8162	267.3968	87.73765	1.013824

#1	.0023894	.0011796	-.002778	.0000993	.0013660	.0190232	.0176649
#2	-.000039	-.000674	.002406	.0059429	-.000097	.0190689	.0173676
#3	.000742	.000597	.000614	-.001439	-.000263	-.000166	.0173498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000364	-.000035	6.633939	-.000280	-.000223	.0063601	-.001610
Stddev	.0000618	.000100	.068685	.000376	.000203	.0027188	.008738
%RSD	169.5127	282.1039	1.035363	134.6009	90.80260	42.74801	542.8077

#1	.0001075	-.000134	6.603664	.000139	.000011	.0037758	-.002432
#2	-.000004	-.000038	6.585593	-.000589	-.000330	.0091959	-.009908
#3	.000006	.000066	6.712561	-.000388	-.000350	.0061084	.007511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027659	2.208556	-.000081	.0003020	8.229181	.0011742	-.006209
Stddev	.0010352	.062846	.000301	.0000984	.184580	.0022638	.008126
%RSD	37.42819	2.845562	371.6561	32.57415	2.242993	192.8010	130.8744

#1	.0038520	2.277083	.000266	.0002898	8.018220	-.001056	-.003979
#2	.0026555	2.153614	-.000271	.0002103	8.360958	.001108	.000569
#3	.0017904	2.194971	-.000238	.0004059	8.308364	.003470	-.015218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4230468	.0145013	.0364655	.0004277	1.274826	.9132154	-.002094
Stddev	.0135448	.0008398	.0001804	.0001254	.005489	.0078224	.000706
%RSD	3.201723	5.791540	.4947093	29.32978	.4305453	.8565727	33.72436

#1	.4110585	.0146125	.0364150	.0004611	1.280970	.9206890	-.001477
#2	.4203419	.0152800	.0363157	.0005331	1.270407	.9050857	-.002864
#3	.4377399	.0136114	.0366657	.0002889	1.273102	.9138716	-.001941

Sample Name: J6274-10LX5 Acquired: 12/13/2018 16:48:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AX5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001986	-.001529	.0562438
Stddev	.000316	.001265	.0001207
%RSD	15.92648	82.73579	.2145389

#1	-.001626	-.001840	.0561828
#2	-.002221	-.000137	.0563828
#3	-.002110	-.002610	.0561658

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.911	2463.072	47814.18	4561.967	3773.119
Stddev	18.623	7.390	330.66	8.760	6.878
%RSD	.8280775	.3000469	.6915494	.1920245	.1822995

#1	2267.060	2457.509	47998.73	4552.200	3770.304
#2	2229.848	2460.248	47432.44	4564.570	3768.095
#3	2249.825	2471.458	48011.37	4569.130	3780.959

Sample Name: CCV044 Acquired: 12/13/2018 16:52:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804996	4.950276	24.79398	4.574895	4.867089	414.7152	10.16416
Stddev	.009016	.013295	.03562	.007846	.007380	2.0290	.03408
%RSD	.1876419	.2685736	.1436740	.1715111	.1516403	.4892442	.3352600

#1	4.813979	4.939101	24.75286	4.571596	4.859545	412.5052	10.14613
#2	4.805061	4.946749	24.81346	4.583852	4.867426	416.4937	10.20346
#3	4.795947	4.964980	24.81561	4.569237	4.874294	415.1468	10.14288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4856069	2.445298	402.8588	15.14434	2.529051	15.16467	402.0602
Stddev	.0006851	.002101	3.4722	.04535	.002944	.05618	3.1616
%RSD	.1410889	.0859264	.8618880	.2994200	.1164225	.3704910	.7863381

#1	.4861932	2.443155	398.8579	15.18503	2.525697	15.10010	398.4168
#2	.4848537	2.447354	405.0841	15.09546	2.530247	15.19152	403.6829
#3	.4857737	2.445386	404.6344	15.15253	2.531210	15.20239	404.0809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54842	397.3909	2.529186	1.219383	401.8279	2.441222	14.72985
Stddev	.15935	2.8296	.007758	.007469	2.8490	.027634	.20068
%RSD	1.095321	.7120471	.3067589	.6125087	.7090133	1.131988	1.362423

#1	14.36677	394.1510	2.520268	1.211597	398.6558	2.419404	14.51470
#2	14.61389	398.6447	2.534387	1.226488	404.1692	2.431966	14.91196
#3	14.66461	399.3770	2.532903	1.220064	402.6585	2.472296	14.76290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0819	4.752925	4.935606	4.743817	4.679713	4.877793	5.007455
Stddev	.6718	.003064	.017118	.008439	.015910	.007027	.002362
%RSD	.4360336	.0644562	.3468291	.1778919	.3399704	.1440630	.0471759

#1	153.8098	4.755077	4.917450	4.747610	4.661413	4.872581	5.008189
#2	154.8472	4.754282	4.951452	4.734148	4.690261	4.885785	5.004813
#3	153.5889	4.749418	4.937915	4.749695	4.687464	4.875012	5.009363

Sample Name: CCV044 Acquired: 12/13/2018 16:52:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV044 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.906082	5.030034	4.959349
Stddev	.029450	.047295	.022999
%RSD	.6002706	.9402551	.4637457

#1	4.872582	4.975423	4.966571
#2	4.927889	5.057083	4.977870
#3	4.917776	5.057595	4.933606

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.991	2073.168	45005.77	4326.331	2979.220
Stddev	27.292	3.192	355.26	29.484	4.144
%RSD	1.381875	.1539449	.7893763	.6814942	.1391065

#1	1988.410	2069.495	45235.00	4341.662	2977.787
#2	1943.588	2075.263	44596.53	4292.340	2975.983
#3	1992.976	2074.747	45185.79	4344.990	2983.891

Sample Name: CCB044 Acquired: 12/13/2018 16:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012215	.0010032	.0019143	.0025227	-.000182	.0061686
Stddev	.0025668	.0007998	.0016360	.0009921	.000799	.0058381
%RSD	210.1422	79.72072	85.46154	39.32693	439.4727	94.64100

#1	.0012722	.0006355	.0002268	.0033134	-.000080	.0080172
#2	-.001370	.0019207	.0034933	.0014095	.000561	-.000370
#3	.003763	.0004534	.0020227	.0028454	-.001026	.010859

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001300	.0000783	-.000017	-.024497	.0001691	.0002032
Stddev	.001577	.0000192	.000014	.030456	.0006629	.0001461
%RSD	121.2847	24.49656	82.50577	124.3240	392.0536	71.91385

#1	-.001288	.0000996	-.000002	.010146	-.000528	.0000918
#2	.000270	.0000728	-.000029	-.047058	.000245	.0001490
#3	-.002884	.0000625	-.000020	-.036580	.000791	.0003686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026229	.0162776	-.000479	.0330824	.0002619	.0007979
Stddev	.0009088	.0063319	.001593	.0366297	.0002576	.0000656
%RSD	34.64729	38.89959	332.7223	110.7227	98.32742	8.216525

#1	.0025888	.0228343	-.002299	.0015118	.0002804	.0008723
#2	.0035482	.0101974	.000657	.0732441	-.000004	.0007727
#3	.0017317	.0158009	.000206	.0244912	.000510	.0007487

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2053075	-.001953	-.002177	.0912624	-.000785	F .0360996
Stddev	.2752027	.001721	.004201	.0431983	.001987	.0008375
%RSD	134.0442	88.13082	192.9342	47.33421	253.0971	2.319933

#1	.4960152	-.003905	-.001364	.1029061	.001097	.0358066
#2	-.051192	-.001305	-.006726	.1274454	-.000589	.0370443
#3	.171099	-.000650	.001557	.0434356	-.002863	.0354480

Sample Name: CCB044 Acquired: 12/13/2018 16:56:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB044 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003161	-.002689	.0017095	.0002674	-.002236	.0018667
Stddev	.0003339	.000682	.0006377	.0004225	.001349	.0010244
%RSD	105.6490	25.37496	37.30576	158.0093	60.31516	54.87407

#1	.0002725	-.003273	.0024406	.0006406	-.003712	.0029284
#2	.0000061	-.002855	.0012674	.0003529	-.001067	.0008843
#3	.0006696	-.001939	.0014206	-.000191	-.001929	.0017874

Elem	Sr4077
Units	ppm
Avg	.0001893
Stddev	.0000777
%RSD	41.02672

#1	.0001649
#2	.0002762
#3	.0001267

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.929	2480.285	47699.81	4539.770	3769.836
Stddev	17.791	6.937	126.74	33.613	5.683
%RSD	.7889833	.2797017	.2657121	.7404077	.1507381

#1	2269.728	2476.185	47842.88	4519.000	3763.294
#2	2259.869	2488.295	47654.98	4521.760	3772.672
#3	2235.190	2476.376	47601.57	4578.550	3773.543

Sample Name: J6274-13 Acquired: 12/13/2018 17:00:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017091	.0008324	.0015516	.0007275	.0006553	.0201124	.0843573
Stddev	.0026329	.0011099	.0016983	.0018297	.0006983	.0063411	.0009768
%RSD	154.0514	133.3458	109.4554	251.5181	106.5493	31.52798	1.157891

#1	-.000134	.0019448	.0005452	.0009215	-.000107	.0196342	.0851355
#2	.000537	.0008274	.0005972	-.001192	.001263	.0140241	.0846753
#3	.004725	-.000275	.0035124	.002452	.000811	.0266791	.0832612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	-.000125	32.63983	-.000239	-.000943	.0043579	.0286492
Stddev	.0000375	.000044	.28437	.000225	.000390	.0004023	.0082040
%RSD	169.0529	35.25596	.8712324	93.76126	41.34412	9.232080	28.63596

#1	-.000021	-.000150	32.38870	-.000030	-.001357	.0039173	.0325186
#2	.000041	-.000151	32.94861	-.000212	-.000582	.0044505	.0342029
#3	.000047	-.000074	32.58218	-.000476	-.000890	.0047058	.0192261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084463	10.54364	.0006260	.0005292	32.47158	.0036798	.0125096
Stddev	.0009289	.16506	.0004542	.0002829	.08782	.0006996	.0070050
%RSD	10.99779	1.565537	72.55852	53.45956	.2704382	19.01084	55.99667

#1	.0075125	10.44323	.0011391	.0007061	32.43587	.0029722	.0197366
#2	.0093702	10.73415	.0002758	.0006787	32.57162	.0036962	.0120423
#3	.0084563	10.45355	.0004629	.0002029	32.40724	.0043710	.0057500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.672924	.0626437	.2406265	.0016333	5.569201	4.609527	-.002248
Stddev	.035837	.0035125	.0018445	.0003402	.012453	.027662	.000104
%RSD	2.142167	5.607099	.7665624	20.83067	.2236127	.6001140	4.614458

#1	1.651189	.0644278	.2390176	.0015636	5.566309	4.578939	-.002342
#2	1.714287	.0585972	.2426396	.0020029	5.558449	4.632788	-.002137
#3	1.653296	.0649060	.2402222	.0013333	5.582847	4.616855	-.002266

Sample Name: J6274-13 Acquired: 12/13/2018 17:00:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000411	-.012452	.2616223
Stddev	.001323	.000954	.0005263
%RSD	322.3545	7.663320	.2011864

#1	.001079	-.013286	.2620910
#2	-.000861	-.012659	.2610529
#3	-.001450	-.011411	.2617231

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2347.543	2525.498	49496.67	4645.088	3870.301
Stddev	8.980	5.968	97.13	10.510	7.780
%RSD	.3825285	.2363236	.1962289	.2262533	.2010148

#1	2337.190	2528.759	49591.26	4654.584	3877.263
#2	2353.231	2529.125	49501.55	4633.796	3871.737
#3	2352.207	2518.609	49397.19	4646.885	3861.904

Sample Name: J6274-14 Acquired: 12/13/2018 17:04:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011446	-.000020	.0017983	.0021165	-.000863	.0209461	.0922325
Stddev	.0029526	.001027	.0001452	.0028583	.001202	.0153117	.0005329
%RSD	257.9568	5014.947	8.073859	135.0537	139.2370	73.10058	.5778153

#1	-.002185	.000914	.0018684	.0051299	-.002191	.0382203	.0927398
#2	.002177	.000144	.0018951	.0017757	-.000551	.0090456	.0916772
#3	.003443	-.001119	.0016313	-.000556	.000152	.0155724	.0922806

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001117	-.000083	34.00244	.0006120	-.000924	.0085149	.0242611
Stddev	.0000391	.000049	.14005	.0003149	.000152	.0037431	.0305514
%RSD	35.04767	59.88674	.4118690	51.45053	16.47674	43.95952	125.9274

#1	.0001316	-.000135	34.14760	.0006722	-.000978	.0076559	.0540984
#2	.0001368	-.000037	33.86814	.0008925	-.001043	.0126128	-.006958
#3	.0000666	-.000075	33.99158	.0002714	-.000753	.0052759	.025642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104841	10.93531	.0005365	.0003332	36.58884	.0027262	-.000632
Stddev	.0012941	.07410	.0000921	.0002295	.14801	.0081768	.013172
%RSD	12.34322	.6775800	17.17271	68.87917	.4045274	299.9364	2085.801

#1	.0090449	10.89833	.0004310	.0003988	36.52900	.0117016	.013804
#2	.0108555	11.02062	.0005768	.0000780	36.75740	.0007764	-.011999
#3	.0115519	10.88699	.0006015	.0005227	36.48011	-.004300	-.003700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.706219	.0622357	.0414704	.0018205	5.897474	4.483014	-.002596
Stddev	.049073	.0010613	.0005311	.0001978	.019421	.020181	.000942
%RSD	2.876130	1.705224	1.280638	10.86320	.3293104	.4501640	36.28273

#1	1.668807	.0631161	.0420827	.0019422	5.897421	4.501788	-.003660
#2	1.688069	.0625338	.0411936	.0015923	5.916922	4.485583	-.001870
#3	1.761782	.0610573	.0411349	.0019269	5.878080	4.461672	-.002257

Sample Name: J6274-14 Acquired: 12/13/2018 17:04:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002337	-.011658	.2734317
Stddev	.001566	.001944	.0010898
%RSD	66.99357	16.67656	.3985703

#1	-.001653	-.013903	.2733569
#2	-.001230	-.010564	.2723811
#3	-.004129	-.010508	.2745569

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2342.687	2532.412	49388.29	4655.369	3875.540
Stddev	16.572	1.459	319.28	34.457	4.912
%RSD	.7074006	.0576053	.6464680	.7401605	.1267522

#1	2330.133	2534.047	49025.56	4620.640	3870.453
#2	2361.471	2531.244	49626.77	4689.548	3880.257
#3	2336.456	2531.945	49512.53	4655.920	3875.909

Sample Name: J6274-15 Acquired: 12/13/2018 17:09:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028231	.0006186	.0013213	-.000605	-.000961	.0254876	.0887336
Stddev	.0048137	.0022622	.0005072	.001470	.000881	.0137837	.0010574
%RSD	170.5114	365.7172	38.38344	242.9000	91.62736	54.07980	1.191599

#1	.0077466	.0015754	.0008187	.000909	.000047	.0181575	.0898970
#2	-.001873	-.001965	.0018329	-.000698	-.001578	.0169179	.0878312
#3	.002595	.002245	.0013122	-.002027	-.001353	.0413875	.0884726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000724	-.000133	33.05643	.0000643	-.000942	.0030320	.0279454
Stddev	.0000549	.000033	.26175	.0003718	.000068	.0048395	.0082948
%RSD	75.80704	25.12901	.7918323	578.4460	7.249773	159.6122	29.68198

#1	.0001105	-.000159	33.24992	-.000078	-.001001	.0037241	.0349279
#2	.0000095	-.000095	33.16078	-.000215	-.000867	-.002116	.0301319
#3	.0000971	-.000143	32.75860	.000486	-.000957	.007488	.0187764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081003	10.55568	.0007021	.0000567	35.42575	-.000061	.0117939
Stddev	.0014972	.12386	.0001744	.0000832	.42053	.003811	.0074762
%RSD	18.48383	1.173403	24.83932	146.8136	1.187074	6263.363	63.39056

#1	.0087739	10.67846	.0005037	-.000008	35.90279	.003668	.0043867
#2	.0091423	10.55781	.0008314	.000151	35.26581	-.003949	.0193374
#3	.0063845	10.43077	.0007711	.000027	35.10866	.000099	.0116577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.585695	.0607232	.0375852	.0017763	5.734422	4.330808	-.002285
Stddev	.037659	.0013637	.0003311	.0003318	.026590	.085156	.000647
%RSD	2.374916	2.245844	.8810420	18.68079	.4636863	1.966296	28.33336

#1	1.600003	.0606326	.0379593	.0014107	5.715136	4.407165	-.001603
#2	1.614104	.0621300	.0374663	.0018596	5.723375	4.238974	-.002361
#3	1.542979	.0594070	.0373298	.0020585	5.764754	4.346284	-.002891

Sample Name: J6274-15 Acquired: 12/13/2018 17:09:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AX9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008424	-.012707	.2632199
Stddev	.0016988	.000574	.0013394
%RSD	201.6643	4.514259	.5088463

#1	-.000550	-.012179	.2642721
#2	.002735	-.012625	.2617121
#3	.000342	-.013318	.2636754

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.655	2566.078	50362.20	4756.354	3935.571
Stddev	27.497	4.400	226.38	59.565	4.793
%RSD	1.148280	.1714588	.4495009	1.252325	.1217784

#1	2404.738	2570.621	50516.37	4689.225	3941.044
#2	2363.539	2561.837	50102.30	4802.890	3932.124
#3	2415.687	2565.777	50467.93	4776.948	3933.545

Sample Name: J6274-16 Acquired: 12/13/2018 17:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032435	.0017650	-.000105	.0014436	.0002195	.0226570	.0933788
Stddev	.0041964	.0014212	.000819	.0003458	.0014203	.0112325	.0016298
%RSD	129.3775	80.52400	777.3629	23.95526	647.1065	49.57640	1.745381

#1	.0072407	.0006517	-.000611	.0012347	.0011536	.0272632	.0948769
#2	-.001127	.0012774	-.000544	.0012534	-.001415	.0098536	.0936162
#3	.003617	.0033658	.000840	.0018428	.000920	.0308541	.0916433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000113	-.000035	35.10054	.0002835	-.000942	.0037293	.0407823
Stddev	.0000133	.000033	.15201	.0001361	.000208	.0016006	.0077990
%RSD	116.8861	93.19101	.4330692	48.00993	22.10230	42.91952	19.12346

#1	-.000004	-.000002	35.08792	.0002669	-.000902	.0020990	.0389441
#2	.000020	-.000035	35.25847	.0001564	-.001167	.0052984	.0493361
#3	.000018	-.000068	34.95524	.0004271	-.000756	.0037905	.0340666

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063555	11.27881	.0004782	.0002954	34.22871	.0060629	.0020554
Stddev	.0005252	.10210	.0003634	.0003138	.09640	.0086530	.0136278
%RSD	8.264073	.9052343	75.99139	106.2135	.2816299	142.7208	663.0152

#1	.0061916	11.20048	.0000887	.0005861	34.33756	-.003700	.0171352
#2	.0059317	11.39428	.0008082	.0003375	34.19443	.009103	-.001590
#3	.0069431	11.24167	.0005378	-.000037	34.15414	.012786	-.009379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.815444	.0676081	.0406752	.0016602	6.037360	4.482754	-.002319
Stddev	.034752	.0002724	.0017021	.0000770	.013382	.047050	.000431
%RSD	1.914250	.4029790	4.184600	4.635260	.2216576	1.049571	18.57470

#1	1.781744	.0678915	.0409602	.0016018	6.026477	4.429373	-.002230
#2	1.813429	.0675848	.0388485	.0017474	6.033301	4.500701	-.001940
#3	1.851160	.0673481	.0422167	.0016313	6.052302	4.518189	-.002788

Sample Name: J6274-16 Acquired: 12/13/2018 17:13:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AY0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001934	-.012105	.2900297
Stddev	.0011790	.001644	.0017319
%RSD	609.5293	13.58264	.5971620

#1	-.000170	-.014003	.2881568
#2	-.000761	-.011102	.2903590
#3	.001511	-.011211	.2915734

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.540	2500.702	48808.88	4643.250	3834.538
Stddev	16.264	12.077	182.48	49.036	13.968
%RSD	.7032795	.4829536	.3738637	1.056070	.3642682

#1	2308.102	2496.844	48732.41	4684.901	3830.131
#2	2330.562	2514.237	49017.15	4655.641	3850.177
#3	2298.957	2491.026	48677.08	4589.207	3823.304

Sample Name: J6348-01 Acquired: 12/13/2018 17:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361358	-.003454	2.237193	-.003464	.0239203	-.192915
Stddev	.0010251	.000382	.004721	.002350	.0007404	.018153
%RSD	2.836683	11.07071	.2110392	67.84065	3.095218	9.410034

#1	.0352627	-.003788	2.232504	-.003756	.0232425	-.203747
#2	.0372645	-.003538	2.241946	-.000982	.0238081	-.171957
#3	.0358803	-.003037	2.237130	-.005655	.0247104	-.203040

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.479264	.0001551	.2302528	483.2836	.0015446	.0102015
Stddev	.017426	.0000645	.0001354	1.8638	.0003486	.0000361
%RSD	.3890274	41.62754	.0588113	.3856541	22.56753	.3536988

#1	4.478710	.0000929	.2301216	482.0133	.0013581	.0101926
#2	4.462121	.0001505	.2303920	482.4142	.0019467	.0101707
#3	4.496959	.0002218	.2302448	485.4232	.0013289	.0102412

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929586	-.438856	.5506638	23.86469	.0711085	.0024006
Stddev	.0047066	.025924	.0040356	.29369	.0006542	.0003207
%RSD	5.063116	5.907181	.7328658	1.230649	.9199765	13.35737

#1	.0927802	-.468750	.5512831	23.76336	.0713185	.0026231
#2	.0883438	-.422566	.5463544	23.63509	.0703751	.0020330
#3	.0977519	-.425252	.5543541	24.19563	.0716319	.0025456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1394.205	.0030571	F 264.8207	7.237835	.0315930	.2832708
Stddev	4.671	.0031021	1.1474	.033646	.0018331	.0040034
%RSD	.3350516	101.4725	.4332574	.4648683	5.802364	1.413259

#1	1395.032	.0033860	266.0531	7.218144	.0336593	.2799444
#2	1389.176	.0059816	263.7834	7.218676	.0309576	.2821540
#3	1398.408	-.000196	264.6255	7.276685	.0301621	.2877139

Sample Name: J6348-01 Acquired: 12/13/2018 17:17:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029999	2.946299	6.862887	.0008348	-.014414	-.002690
Stddev	.0002751	.013730	.051579	.0010988	.001815	.000965
%RSD	9.170395	.4660191	.7515706	131.6321	12.59214	35.86769

#1	.0030597	2.945556	6.848221	.0001418	-.016077	-.001781
#2	.0032403	2.932956	6.820229	.0021017	-.012478	-.003703
#3	.0026999	2.960386	6.920211	.0002608	-.014687	-.002588

Elem	Sr4077
Units	ppm
Avg	1.107794
Stddev	.004827
%RSD	.4357305

#1	1.104551
#2	1.105490
#3	1.113342

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.489	2272.645	47321.20	4496.692	3183.565
Stddev	4.129	4.082	101.00	31.959	6.493
%RSD	.1895354	.1796105	.2134287	.7107139	.2039642

#1	2180.810	2277.336	47437.46	4528.984	3189.477
#2	2180.936	2269.908	47270.97	4496.013	3184.602
#3	2173.722	2270.690	47255.17	4465.078	3176.615

Sample Name: J6348-02 Acquired: 12/13/2018 17:21:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362570	-.002754	2.176838	-.002292	.0227485	-.188930
Stddev	.0025725	.002343	.003157	.001726	.0017206	.005905
%RSD	7.095305	85.10031	.1450194	75.30288	7.563422	3.125740

#1	.0357687	-.003780	2.180483	-.004208	.0246434	-.182254
#2	.0339636	-.000072	2.175051	-.000860	.0212839	-.191064
#3	.0390387	-.004409	2.174980	-.001808	.0223181	-.193471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375036	.0001045	.2240472	475.2768	.0020338	.0099162
Stddev	.009718	.0000520	.0003572	2.6948	.0004689	.0002019
%RSD	.2221211	49.75412	.1594471	.5670041	23.05765	2.035885

#1	4.366784	.0001447	.2244396	474.5531	.0015444	.0098823
#2	4.372576	.0001230	.2239610	478.2595	.0020779	.0097334
#3	4.385747	.0000458	.2237408	473.0176	.0024791	.0101329

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933672	-.417542	.5396796	23.65221	.0692603	.0016001
Stddev	.0027976	.018763	.0041544	.30496	.0002656	.0004167
%RSD	2.996342	4.493557	.7697915	1.289366	.3835395	26.03901

#1	.0919676	-.405816	.5373125	23.48853	.0690337	.0014510
#2	.0915457	-.439182	.5444765	24.00407	.0695526	.0020708
#3	.0965885	-.407630	.5372498	23.46404	.0691945	.0012785

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1370.975	.0004133	F 260.4224	7.185604	.0286063	.2731493
Stddev	2.132	.0007731	2.3148	.076144	.0016914	.0014326
%RSD	.1555172	187.0642	.8888533	1.059671	5.912523	.5244693

#1	1368.524	.0008861	259.3069	7.194633	.0286624	.2740949
#2	1372.001	.0008326	263.0837	7.105348	.0302688	.2738520
#3	1372.401	-.000479	258.8766	7.256830	.0268875	.2715010

Sample Name: J6348-02 Acquired: 12/13/2018 17:21:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027901	2.865957	6.657540	-.000271	-.015644	.0000316
Stddev	.0003982	.012341	.032311	.000183	.001456	.0001989
%RSD	14.27160	.4306067	.4853290	67.48639	9.305616	628.7218

#1	.0025877	2.879531	6.671013	-.000337	-.017165	.0000159
#2	.0025338	2.862927	6.620673	-.000064	-.015502	.0002379
#3	.0032489	2.855414	6.680934	-.000410	-.014264	-.000159

Elem	Sr4077
Units	ppm
Avg	1.082081
Stddev	.005849
%RSD	.5405216

#1	1.080374
#2	1.077274
#3	1.088593

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.212	2326.767	48062.35	4587.272	3259.662
Stddev	20.833	5.395	322.76	31.385	4.063
%RSD	.9366498	.2318645	.6715360	.6841777	.1246428

#1	2246.483	2320.554	48371.06	4619.166	3255.389
#2	2220.949	2329.492	47727.18	4586.229	3260.119
#3	2205.202	2330.257	48088.82	4556.422	3263.477

Sample Name: J6348-03 Acquired: 12/13/2018 17:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0773829	.0517917	2.166924	.0522126	.1247615	1.959523
Stddev	.0030364	.0021478	.006570	.0028211	.0016135	.029805
%RSD	3.923907	4.146970	.3031904	5.403151	1.293281	1.521053

#1	.0761685	.0540461	2.173278	.0554191	.1232897	1.939699
#2	.0751416	.0497694	2.167336	.0501116	.1245081	1.993799
#3	.0808386	.0515598	2.160158	.0511072	.1264867	1.945071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.524325	.0527130	.2760379	467.3245	.2219893	.5569868
Stddev	.004188	.0009598	.0003548	4.9870	.0003044	.0010417
%RSD	.0641907	1.820799	.1285436	1.067136	.1371396	.1870267

#1	6.525193	.0519836	.2762016	465.9361	.2218745	.5573240
#2	6.519771	.0523551	.2762814	463.1789	.2217588	.5578182
#3	6.528011	.0538003	.2756308	472.8586	.2223344	.5558183

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3676885	.6824831	1.064763	23.22447	.6157864	.0552072
Stddev	.0019298	.0090197	.008984	.28452	.0008040	.0005479
%RSD	.5248515	1.321605	.8437596	1.225107	.1305674	.9924906

#1	.3699013	.6741320	1.064902	23.09356	.6166938	.0550455
#2	.3663549	.6920484	1.055711	23.02897	.6151626	.0547584
#3	.3668091	.6812687	1.073677	23.55089	.6155027	.0558178

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1345.845	.5588505	F 255.4842	7.187831	.0297772	.2707591
Stddev	7.935	.0066397	4.2702	.039597	.0040753	.0059607
%RSD	.5895817	1.188091	1.671428	.5508910	13.68585	2.201470

#1	1343.528	.5533904	260.0669	7.142334	.0311113	.2663457
#2	1339.326	.5569196	254.7688	7.214505	.0330182	.2683917
#3	1354.680	.5662416	251.6168	7.206654	.0252021	.2775397

Sample Name: J6348-03 Acquired: 12/13/2018 17:25:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032255	2.822073	6.556639	.0008019	-.016371	.0003687
Stddev	.0002849	.009212	.103629	.0012358	.001030	.0002887
%RSD	8.831164	.3264171	1.580517	154.1089	6.294498	78.31171

#1	.0031754	2.817630	6.473683	.0003673	-.017139	.0006279
#2	.0029690	2.832664	6.523433	.0021962	-.016775	.0004206
#3	.0035321	2.815925	6.672801	-.000158	-.015200	.0000575

Elem	Sr4077
Units	ppm
Avg	1.063577
Stddev	.003625
%RSD	.3408690

#1	1.060728
#2	1.062345
#3	1.067657

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.278	2323.887	47962.61	4567.525	3264.057
Stddev	21.111	7.508	359.20	60.816	8.701
%RSD	.9512435	.3231002	.7489075	1.331487	.2665619

#1	2194.969	2316.245	47564.85	4597.011	3254.073
#2	2229.857	2331.254	48263.28	4607.978	3270.020
#3	2233.007	2324.161	48059.70	4497.587	3268.079

Sample Name: J6348-01LX5 Acquired: 12/13/2018 17:29:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073135	.0008835	.4420271	.0005132	.0041403	-.024427
Stddev	.0009637	.0012637	.0028255	.0024607	.0010593	.008898
%RSD	13.17684	143.0201	.6392181	479.5029	25.58606	36.42717

#1	.0065365	.0001104	.4418828	.0012699	.0034238	-.034554
#2	.0070123	.0001984	.4449220	-.002237	.0036399	-.017864
#3	.0083919	.0023418	.4392765	.002507	.0053571	-.020862

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8821731	.0000592	.0451746	97.06865	.0008225	.0011538
Stddev	.0025774	.0000729	.0001402	.42048	.0003807	.0003298
%RSD	.2921598	123.1548	.3103718	.4331773	46.28439	28.57863

#1	.8794049	-.000020	.0451206	96.59088	.0009506	.0015324
#2	.8826109	.000124	.0450693	97.23266	.0011226	.0009295
#3	.8845035	.000074	.0453337	97.38240	.0003943	.0009995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0216483	-.112238	.1150163	4.887739	.0139836	.0009627
Stddev	.0019708	.031838	.0022023	.064982	.0002486	.0003587
%RSD	9.103908	28.36698	1.914732	1.329498	1.777724	37.26041

#1	.0206450	-.129598	.1124806	4.815100	.0137574	.0013707
#2	.0203810	-.131623	.1161178	4.940347	.0142498	.0006969
#3	.0239189	-.075492	.1164505	4.907772	.0139437	.0008205

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	278.3752	-.001118	F 62.08518	2.634222	.0056389	.0651628
Stddev	1.1100	.006939	1.05921	.081025	.0020823	.0002694
%RSD	.3987323	620.6076	1.706053	3.075870	36.92687	.4134950

#1	277.4006	.005772	60.89714	2.543014	.0055096	.0651085
#2	278.1418	-.008104	62.93086	2.697878	.0077829	.0654553
#3	279.5834	-.001022	62.42753	2.661774	.0036243	.0649246

Sample Name: J6348-01LX5 Acquired: 12/13/2018 17:29:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0FT1L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007194	.5521851	1.364243	-.002339	-.001894	.0240425
Stddev	.0000937	.0024826	.010377	.000134	.002352	.0016205
%RSD	13.03104	.4495974	.7606382	5.727117	124.1724	6.740036

#1	.0008267	.5493614	1.376009	-.002185	-.001859	.0221739
#2	.0006534	.5531690	1.356397	-.002402	-.004263	.0250616
#3	.0006781	.5540251	1.360323	-.002430	.000440	.0248920

Elem	Sr4077
Units	ppm
Avg	.2224356
Stddev	.0004636
%RSD	.2084026

#1	.2221158
#2	.2229672
#3	.2222237

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.776	2404.158	47873.69	4544.144	3603.847
Stddev	15.880	7.999	501.41	10.257	10.172
%RSD	.7137952	.3327027	1.047353	.2257210	.2822575

#1	2241.755	2399.378	48380.22	4532.340	3595.433
#2	2210.289	2399.703	47377.57	4550.889	3600.955
#3	2222.286	2413.392	47863.28	4549.203	3615.151

Sample Name: J6315-01 Acquired: 12/13/2018 17:38:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1628793	.0111722	2.854865	-.036303	.0115066	67.37216	1.126178
Stddev	.0027989	.0004467	.008327	.001542	.0007134	.39874	.003233
%RSD	1.718367	3.998180	.2916714	4.247977	6.200191	.5918443	.2870901

#1	.1659805	.0106619	2.845508	-.035050	.0106900	67.28192	1.122609
#2	.1621165	.0113628	2.857627	-.035832	.0118208	67.02628	1.127014
#3	.1605409	.0114920	2.861459	-.038025	.0120090	67.80829	1.128911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052561	.0073502	91.19368	.2329690	.1240808	.6863516	301.0184
Stddev	.0000980	.0001305	1.24077	.0016438	.0002858	.0080482	3.1718
%RSD	1.865157	1.775774	1.360589	.7055645	.2303273	1.172605	1.053705

#1	.0052267	.0074375	91.51402	.2347983	.1238195	.6892073	301.7554
#2	.0051761	.0074129	89.82416	.2324927	.1240371	.6772650	297.5429
#3	.0053654	.0072001	92.24288	.2316161	.1243860	.6925827	303.7568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.312585	34.66551	.1818934	-.019524	16.86420	.4275846	2.377035
Stddev	.049067	.47291	.0005900	.000366	.27062	.0045485	.018495
%RSD	1.481222	1.364220	.3243530	1.874280	1.604729	1.063770	.7780899

#1	3.328244	34.87649	.1820063	-.019946	16.55193	.4310843	2.380324
#2	3.257600	34.12383	.1812551	-.019296	17.01019	.4224431	2.393665
#3	3.351911	34.99621	.1824187	-.019329	17.03048	.4292263	2.357116

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.603157	4.313563	.1895725	.0186012	4.304063	2.396324	.1392135
Stddev	.032753	.019404	.0123161	.0003127	.030499	.012900	.0015442
%RSD	.5845430	.4498437	6.496769	1.681205	.7086079	.5383373	1.109203

#1	5.573179	4.299087	.2029405	.0188922	4.289559	2.383835	.1374430
#2	5.598178	4.305990	.1786862	.0186408	4.283524	2.395538	.1402813
#3	5.638114	4.335612	.1870907	.0182705	4.339108	2.409600	.1399163

Sample Name: J6315-01 Acquired: 12/13/2018 17:38:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBE7Z4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.439556	.0824569	.4451622
Stddev	.020590	.0008138	.0021405
%RSD	.8440155	.9869956	.4808409

#1	2.435483	.0826798	.4426922
#2	2.421306	.0831361	.4463199
#3	2.461878	.0815548	.4464747

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.108	2683.749	53478.36	5102.773	3633.905
Stddev	8.656	4.254	197.47	41.839	7.831
%RSD	.3491611	.1584930	.3692514	.8199183	.2154962

#1	2479.217	2685.030	53609.32	5133.477	3642.776
#2	2470.399	2679.003	53251.22	5119.723	3630.984
#3	2487.710	2687.216	53574.51	5055.119	3627.954

Sample Name: J6315-02 Acquired: 12/13/2018 17:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1662684	.0159255	2.919555	-.033906	.0108924	69.06043	1.154997
Stddev	.0049981	.0022205	.006323	.002323	.0015937	.07303	.003545
%RSD	3.006077	13.94314	.2165861	6.851129	14.63145	.1057421	.3069210

#1	.1626720	.0161568	2.915004	-.031481	.0127005	69.08927	1.159058
#2	.1641575	.0180213	2.916886	-.036111	.0102847	69.11462	1.152522
#3	.1719756	.0135984	2.926775	-.034127	.0096919	68.97738	1.153411

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054536	.0076461	92.53309	.2405716	.1270367	.6969883	309.0224
Stddev	.0000238	.0001866	.42519	.0004452	.0009201	.0089895	.7972
%RSD	.4370593	2.440679	.4594984	.1850698	.7242786	1.289766	.2579902

#1	.0054268	.0076618	92.45645	.2401667	.1261453	.7006562	308.9415
#2	.0054617	.0074522	92.99139	.2410484	.1269818	.7035640	309.8570
#3	.0054723	.0078244	92.15144	.2404996	.1279830	.6867448	308.2686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.413318	35.83713	.1868503	-.020510	17.43808	.4420538	2.412724
Stddev	.020570	.11940	.0010842	.000420	.33322	.0028780	.018371
%RSD	.6026541	.3331662	.5802433	2.045788	1.910879	.6510420	.7614242

#1	3.406655	35.72111	.1856692	-.020993	17.08373	.4433915	2.433648
#2	3.436394	35.95964	.1870813	-.020303	17.74510	.4387505	2.399237
#3	3.396904	35.83065	.1878004	-.020234	17.48542	.4440195	2.405287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.757009	4.371219	.1991419	.0191298	4.341040	2.512808	.1428016
Stddev	.043625	.023888	.0066889	.0002611	.013330	.024204	.0028127
%RSD	.7577758	.5464889	3.358858	1.364911	.3070674	.9632193	1.969658

#1	5.791790	4.359424	.2068169	.0192264	4.348038	2.501072	.1408902
#2	5.771178	4.355523	.1960543	.0193289	4.325669	2.540642	.1414833
#3	5.708061	4.398711	.1945545	.0188342	4.349414	2.496709	.1460314

Sample Name: J6315-02 Acquired: 12/13/2018 17:42:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.494876	.0848824	.4533252
Stddev	.011728	.0010471	.0005258
%RSD	.4700940	1.233593	.1159812

#1	2.496123	.0837277	.4539224
#2	2.505930	.0857702	.4531216
#3	2.482574	.0851495	.4529317

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.974	2639.011	52870.30	5054.349	3574.490
Stddev	17.490	3.955	140.66	15.659	8.803
%RSD	.7072558	.1498798	.2660556	.3098072	.2462775

#1	2454.371	2641.755	52729.22	5052.270	3576.645
#2	2489.084	2640.801	53010.54	5039.834	3582.016
#3	2475.469	2634.477	52871.14	5070.944	3564.809

Sample Name: J6315-03 Acquired: 12/13/2018 17:45:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2313451	.1328255	2.811010	.0591232	.2050184	69.66873	5.291336
Stddev	.0008823	.0007789	.009321	.0021238	.0012871	.25261	.008274
%RSD	.3814021	.5864267	.3316012	3.592118	.6277894	.3625890	.1563762

#1	.2307842	.1321300	2.807014	.0575617	.2062775	69.89677	5.292630
#2	.2323621	.1326795	2.804352	.0582663	.2037050	69.39720	5.282491
#3	.2308888	.1336672	2.821663	.0615415	.2050728	69.71223	5.298887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023407	.1179922	89.78440	.6581773	1.235996	1.197173	297.0462
Stddev	.0015587	.0002816	.93188	.0007079	.001490	.002562	2.5429
%RSD	1.523069	.2386428	1.037904	.1075514	.1205668	.2139911	.8560476

#1	.1030684	.1176757	90.86041	.6587447	1.234431	1.198048	299.0299
#2	.1034025	.1180859	89.23962	.6573840	1.236158	1.194288	294.1796
#3	.1005512	.1182149	89.25318	.6584031	1.237398	1.199182	297.9292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.306158	34.15243	1.303391	.0741547	16.37617	1.472013	3.251694
Stddev	.041897	.34931	.003196	.0009525	.21024	.007625	.034340
%RSD	.9729539	1.022797	.2451899	1.284484	1.283804	.5179884	1.056064

#1	4.348821	34.35474	1.299937	.0745017	16.32456	1.472658	3.240915
#2	4.265071	33.74909	1.303995	.0730774	16.19654	1.464086	3.224037
#3	4.304583	34.35347	1.306243	.0748851	16.60741	1.479295	3.290131

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.454517	4.194019	.1853759	.0182765	4.199521	2.753929	.1327102
Stddev	.015411	.006388	.0047679	.0004874	.000929	.040225	.0012086
%RSD	.2825428	.1523126	2.572031	2.666929	.0221137	1.460646	.9107003

#1	5.472115	4.188001	.1833118	.0177379	4.198486	2.775824	.1314096
#2	5.448011	4.200722	.1819877	.0184044	4.199792	2.778456	.1329224
#3	5.443426	4.193334	.1908281	.0186872	4.200283	2.707505	.1337986

Sample Name: J6315-03 Acquired: 12/13/2018 17:45:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBE7Z4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.410534	.0819167	.4348302
Stddev	.005025	.0013981	.0007688
%RSD	.2084687	1.706771	.1768008

#1	2.416170	.0835299	.4346911
#2	2.406519	.0810543	.4356591
#3	2.408913	.0811660	.4341405

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.480	2696.772	53622.26	5099.400	3673.725
Stddev	8.677	3.256	57.59	61.186	3.944
%RSD	.3463316	.1207271	.1073960	1.199860	.1073589

#1	2514.853	2694.872	53635.72	5064.425	3678.269
#2	2497.726	2694.913	53671.93	5063.724	3671.723
#3	2503.861	2700.531	53559.14	5170.050	3671.184

Sample Name: J6315-01LX5 Acquired: 12/13/2018 17:49:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332434	.0027879	.5470751	-.004467	.0027990	13.99316	.2344491
Stddev	.0041866	.0020373	.0005005	.001940	.0016735	.06136	.0002183
%RSD	12.59383	73.07815	.0914921	43.43486	59.78932	.4384972	.0930948

#1	.0365008	.0007843	.5472327	-.003356	.0023288	13.92253	.2344318
#2	.0285212	.0048573	.5474779	-.006708	.0014109	14.02358	.2342400
#3	.0347082	.0027220	.5465148	-.003338	.0046573	14.03336	.2346755

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011362	.0010990	19.15624	.0495037	.0232476	.1433348	63.93118
Stddev	.0000246	.0000751	.13974	.0005387	.0002526	.0042996	.92030
%RSD	2.161847	6.831962	.7294508	1.088187	1.086385	2.999712	1.439513

#1	.0011591	.0010776	19.00776	.0496097	.0235383	.1402267	63.03739
#2	.0011102	.0010369	19.17578	.0489199	.0231235	.1415361	63.88029
#3	.0011393	.0011824	19.28517	.0499816	.0230812	.1482417	64.87587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7006462	7.379284	.0342914	-.004280	3.652729	.0884282	.4931217
Stddev	.0075433	.111208	.0003150	.000301	.163249	.0043463	.0066531
%RSD	1.076623	1.507028	.9187212	7.042249	4.469245	4.915012	1.349184

#1	.6939398	7.251852	.0339763	-.004345	3.467100	.0882212	.4900693
#2	.6991858	7.429292	.0346064	-.003951	3.773948	.0928743	.5007534
#3	.7088129	7.456709	.0342916	-.004543	3.717138	.0841892	.4885425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183125	.8360393	.0544639	.0038966	.8321491	.6212432	.0255936
Stddev	.027547	.0011865	.0008694	.0000585	.0023558	.0016816	.0006188
%RSD	2.328364	.1419223	1.596268	1.500714	.2830937	.2706760	2.417905

#1	1.170273	.8365845	.0534610	.0039641	.8331205	.6222582	.0261041
#2	1.214750	.8368553	.0550024	.0038640	.8338639	.6221692	.0257713
#3	1.164352	.8346782	.0549284	.0038617	.8294630	.6193022	.0249053

Sample Name: J6315-01LX5 Acquired: 12/13/2018 17:49:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBE7Z4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5143636	.0202116	.0928181
Stddev	.0052218	.0011784	.0004283
%RSD	1.015197	5.830208	.4614204

#1	.5099380	.0188900	.0932904
#2	.5130299	.0211529	.0927088
#3	.5201229	.0205918	.0924550

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.798	2483.057	48302.45	4547.287	3715.867
Stddev	6.605	2.283	93.27	24.395	6.600
%RSD	.2879422	.0919490	.1931020	.5364697	.1776058

#1	2290.085	2480.433	48242.56	4520.830	3708.978
#2	2289.885	2484.142	48254.87	4552.140	3716.489
#3	2301.424	2484.595	48409.92	4568.890	3722.133

Sample Name: J6315-04 Acquired: 12/13/2018 17:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE8B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1357122	.0141954	9.523761	-.038458	.0191391	74.16151	1.685085
Stddev	.0044270	.0005607	.006547	.003399	.0007515	.60561	.002976
%RSD	3.262025	3.950183	.0687441	8.838767	3.926692	.8166037	.1766371

#1	.1373130	.0135941	9.516283	-.042374	.0187304	73.97638	1.683663
#2	.1391161	.0147040	9.528462	-.036271	.0186805	73.67007	1.683086
#3	.1307075	.0142881	9.526537	-.036729	.0200064	74.83807	1.688505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060901	.0221699	145.3822	.3430860	.2860297	1.432504	300.4183
Stddev	.0000789	.0001218	2.6102	.0009595	.0003490	.007624	4.0169
%RSD	1.296241	.5496370	1.795410	.2796764	.1220261	.5322212	1.337101

#1	.0060287	.0221553	144.7337	.3441917	.2858437	1.431032	299.5395
#2	.0060624	.0222984	143.1574	.3424718	.2858131	1.425722	296.9136
#3	.0061791	.0220560	148.2556	.3425944	.2864323	1.440756	304.8019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.546001	24.27920	.3846473	.0216776	9.846999	.3169258	3.606963
Stddev	.061481	.37438	.0014023	.0002455	.294907	.0074410	.041904
%RSD	1.733824	1.541958	.3645712	1.132361	2.994895	2.347875	1.161756

#1	3.529269	24.18170	.3862331	.0216946	9.720227	.3187712	3.571445
#2	3.494618	23.96323	.3841377	.0214241	10.18409	.3087357	3.653179
#3	3.614117	24.69268	.3835710	.0219142	9.63668	.3232704	3.596264

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.722311	4.448507	.1257860	.0184240	7.326220	5.843327	.8416078
Stddev	.084370	.017354	.0028737	.0003808	.020723	.085769	.0033594
%RSD	1.092546	.3901115	2.284584	2.066880	.2828571	1.467818	.3991683

#1	7.792549	4.459412	.1226423	.0184512	7.324178	5.842877	.8414642
#2	7.628726	4.428495	.1264382	.0180304	7.306594	5.757784	.8383224
#3	7.745657	4.457615	.1282775	.0187905	7.347888	5.929321	.8450367

Sample Name: J6315-04 Acquired: 12/13/2018 17:53:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MBE8B5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.691948	.1364763	.7981799
Stddev	.017192	.0050442	.0017083
%RSD	1.016094	3.696034	.2140250

#1	1.677722	.1349041	.7997642
#2	1.687071	.1324055	.7984056
#3	1.711052	.1421194	.7963700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.222	2623.831	52171.55	4977.102	3688.487
Stddev	19.745	1.736	192.64	50.910	2.671
%RSD	.8141583	.0661590	.3692526	1.022880	.0724065

#1	2435.615	2625.132	52255.32	4979.578	3688.975
#2	2402.451	2624.502	51951.20	5026.729	3690.881
#3	2437.600	2621.860	52308.13	4925.000	3685.606

Sample Name: J6315-05 Acquired: 12/13/2018 17:57:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE8B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0945315	.0091976	7.051616	-.024972	.0083677	70.78480	1.391490
Stddev	.0007097	.0023603	.009584	.005796	.0001982	.72431	.006859
%RSD	.7507025	25.66249	.1359085	23.20912	2.369015	1.023250	.4929101

#1	.0937121	.0077355	7.059458	-.019290	.0081406	71.20223	1.397219
#2	.0949318	.0119206	7.054457	-.024751	.0085064	71.20374	1.393360
#3	.0949506	.0079367	7.040933	-.030875	.0084560	69.94845	1.383890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051660	.0184426	204.6459	.5330757	.2879938	.9783174	213.8219
Stddev	.0002221	.0000731	3.5392	.0016191	.0001229	.0117416	3.6298
%RSD	4.298528	.3963939	1.729431	.3037211	.0426736	1.200183	1.697565

#1	.0053926	.0184704	206.7003	.5347091	.2880371	.9906451	215.7449
#2	.0049487	.0183596	206.6781	.5314714	.2880891	.9770408	216.0856
#3	.0051567	.0184977	200.5591	.5330465	.2878551	.9672662	209.6353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.322543	27.96462	.2723869	.0036073	8.322339	.3074945	2.652612
Stddev	.067908	.41488	.0014362	.0002282	.195276	.0076044	.079511
%RSD	2.043859	1.483591	.5272800	6.325749	2.346402	2.473004	2.997475

#1	3.355664	28.11190	.2727818	.0034171	8.436307	.3083218	2.566782
#2	3.367536	28.28577	.2735844	.0038603	8.433852	.3146513	2.723758
#3	3.244430	27.49620	.2707945	.0035445	8.096859	.2995103	2.667294

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.468594	4.147953	.1227526	.0231751	11.33774	5.719699	.2277548
Stddev	.079818	.006067	.0096809	.0001551	.03738	.102751	.0009858
%RSD	1.233930	.1462736	7.886520	.6692818	.3296795	1.796433	.4328220

#1	6.512070	4.145080	.1182445	.0232574	11.30647	5.836864	.2269096
#2	6.517235	4.154923	.1338654	.0232717	11.32761	5.677296	.2288377
#3	6.376476	4.143855	.1161478	.0229962	11.37914	5.644935	.2275170

Sample Name: J6315-05 Acquired: 12/13/2018 17:57:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE8B6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.741681	.1046051	.8186904
Stddev	.017733	.0015549	.0035451
%RSD	1.018180	1.486478	.4330225

#1	1.750181	.1044328	.8170346
#2	1.753566	.1062390	.8162761
#3	1.721298	.1031435	.8227604

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.689	2530.806	50307.08	4839.435	3558.347
Stddev	17.707	2.470	289.23	48.099	4.459
%RSD	.7594119	.0976094	.5749317	.9938931	.1253195

#1	2352.026	2527.975	50443.80	4785.567	3553.200
#2	2323.356	2532.524	50502.60	4854.656	3560.781
#3	2319.686	2531.919	49974.83	4878.082	3561.059

Sample Name: PB115605TB Acquired: 12/13/2018 18:08:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009315	.0002305	.0013760	.0004572	-.001348	.0101947
Stddev	.0019938	.0010842	.0006659	.0021373	.000342	.0067115
%RSD	214.0288	470.4468	48.39565	467.4634	25.38055	65.83303

#1	.0030521	.0006322	.0013957	.0028162	-.001737	.0117688
#2	-.000905	-.000997	.0020318	-.001350	-.001218	.0028361
#3	.000648	.001057	.0007004	-.000094	-.001090	.0159793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002656	.0000839	-.000130	-.015099	.0000808	.0000644
Stddev	.0006502	.0000254	.000029	.035695	.0003303	.0001347
%RSD	244.7812	30.33401	22.51891	236.3980	408.8478	209.3380

#1	.0001175	.0000843	-.000125	.004943	.0004126	.0001906
#2	-.000298	.0001092	-.000162	.006070	.0000778	-.000078
#3	.000977	.0000583	-.000104	-.056311	-.000248	.000080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055134	.0041662	-.000885	.0220605	.0129504	.0089897
Stddev	.0024663	.0061735	.000944	.0622317	.0002186	.0004449
%RSD	44.73271	148.1808	106.6319	282.0953	1.688189	4.949429

#1	.0081427	.0095202	-.000555	-.034526	.0128056	.0090303
#2	.0032513	-.002587	-.000151	.011997	.0132019	.0094131
#3	.0051463	.005565	-.001950	.088711	.0128437	.0085259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1126.680	.0041869	.0001610	-.163433	.0079860	.0088886
Stddev	3.521	.0026496	.0081542	.044594	.0011926	.0010637
%RSD	.3124750	63.28212	5065.130	27.28582	14.93329	11.96656

#1	1130.654	.0041207	.0010442	-.212779	.0093324	.0078159
#2	1123.952	.0015711	.0078376	-.151504	.0070625	.0099430
#3	1125.432	.0068690	-.008399	-.126017	.0075631	.0089069

Sample Name: PB115605TB Acquired: 12/13/2018 18:08:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB605 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000147	.0217292	.0044756	.0016868	.0000354	-.002007
Stddev	.000129	.0028448	.0005967	.0011930	.0016709	.001457
%RSD	87.36293	13.09186	13.33358	70.72616	4725.063	72.56904

#1	-.000294	.0208977	.0044694	.0030367	.0018765	-.001481
#2	-.000097	.0248970	.0038819	.0012491	-.000386	-.003654
#3	-.000051	.0193928	.0050754	.0007744	-.001385	-.000887

Elem	Sr4077
Units	ppm
Avg	.0000700
Stddev	.0000777
%RSD	110.9095

#1	.0001597
#2	.0000259
#3	.0000245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.895	2453.173	49819.02	4683.113	3500.184
Stddev	22.827	5.465	255.66	7.301	10.570
%RSD	.9701530	.2227926	.5131741	.1559029	.3019877

#1	2372.151	2457.525	50022.72	4687.099	3507.139
#2	2327.680	2454.955	49532.13	4674.686	3505.394
#3	2358.854	2447.039	49902.23	4687.552	3488.021

Sample Name: J6315-01A Acquired: 12/13/2018 18:22:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1541729	.0152734	2.808910	.0455715	.0094295	67.45610	1.138561
Stddev	.0021397	.0021835	.005541	.0014099	.0013156	.08819	.002625
%RSD	1.387837	14.29594	.1972693	3.093738	13.95237	.1307438	.2305116

#1	.1517297	.0135857	2.815308	.0462278	.0086143	67.46053	1.135590
#2	.1557128	.0144951	2.805788	.0465335	.0109473	67.36578	1.139529
#3	.1550761	.0177394	2.805635	.0439531	.0087270	67.54200	1.140565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052635	.0073107	88.97035	.2313275	.1230310	.6762265	296.9065
Stddev	.0000695	.0000765	.22557	.0009605	.0004614	.0066583	1.0644
%RSD	1.320727	1.046054	.2535350	.4152304	.3750123	.9846313	.3584826

#1	.0053355	.0073952	88.71062	.2303562	.1227657	.6707569	297.7755
#2	.0052581	.0072463	89.11710	.2322769	.1235638	.6836406	295.7193
#3	.0051968	.0072907	89.08334	.2313494	.1227636	.6742820	297.2247

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.260776	34.39232	.1800489	-.019678	16.97035	.4260946	2.304113
Stddev	.003351	.07127	.0004788	.000199	.02392	.0023812	.062020
%RSD	.1027548	.2072326	.2659287	1.010173	.1409612	.5588355	2.691718

#1	3.258669	34.45463	.1800689	-.019907	16.99429	.4237308	2.351570
#2	3.259020	34.40772	.1805173	-.019561	16.97032	.4260602	2.233937
#3	3.264640	34.31460	.1795604	-.019565	16.94644	.4284927	2.326831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.701472	4.279757	.1852368	.0182776	4.197979	5.567386	.1368996
Stddev	.055322	.014661	.0142578	.0002302	.003957	.073479	.0007949
%RSD	.9703032	.3425554	7.697046	1.259256	.0942562	1.319818	.5806177

#1	5.641576	4.296274	.1982806	.0183949	4.198596	5.495685	.1364996
#2	5.750651	4.274710	.1700156	.0180125	4.193749	5.642523	.1363843
#3	5.712189	4.268286	.1874143	.0184256	4.201590	5.563950	.1378150

Sample Name: J6315-01A Acquired: 12/13/2018 18:22:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MBE7Z4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.613653	.0793939	.4429397
Stddev	.008498	.0024334	.0019798
%RSD	.3251383	3.065012	.4469618

#1	2.611082	.0766648	.4411401
#2	2.606739	.0813376	.4450604
#3	2.623140	.0801795	.4426187

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2498.108	2721.067	54022.78	5134.191	3688.934
Stddev	29.722	6.338	138.30	31.758	5.204
%RSD	1.189794	.2329076	.2560036	.6185568	.1410837

#1	2474.312	2715.928	53910.08	5161.540	3686.085
#2	2531.424	2719.125	53981.14	5099.360	3685.775
#3	2488.589	2728.148	54177.11	5141.672	3694.941

Sample Name: CCV045 Acquired: 12/13/2018 18:35:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.192258	5.267447	26.61667	4.961392	5.203098	403.4398
Stddev	.018020	.005036	.02276	.014088	.004792	1.6728
%RSD	.3470521	.0956052	.0854949	.2839595	.0920929	.4146265

#1	5.193505	5.271854	26.59759	4.960032	5.198441	401.8250
#2	5.173647	5.261958	26.61055	4.948033	5.202840	403.3293
#3	5.209622	5.268529	26.64186	4.976111	5.208014	405.1651

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84637	.5389128	2.671378	413.9047	16.39004	2.716455
Stddev	.02275	.0015471	.004003	1.9683	.02624	.005088
%RSD	.2097907	.2870818	.1498495	.4755456	.1601018	.1872884

#1	10.82927	.5391666	2.670590	411.8561	16.35998	2.710733
#2	10.83766	.5403173	2.667827	414.0767	16.40837	2.718160
#3	10.87220	.5372544	2.675716	415.7815	16.40177	2.720471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19308	399.1922	16.02429	413.0851	2.700982	1.347204
Stddev	.07345	2.5364	.13437	2.9107	.004225	.005099
%RSD	.4535585	.6353893	.8385564	.7046332	.1564096	.3784656

#1	16.11968	396.5313	15.89268	409.9103	2.696105	1.344536
#2	16.19299	399.4627	16.01893	413.7171	2.703484	1.343992
#3	16.26657	401.5824	16.16127	415.6279	2.703359	1.353083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.4521	2.679398	15.70729	164.7414	5.118652	5.465273
Stddev	1.4951	.024668	.04040	.2316	.024763	.010319
%RSD	.3819307	.9206541	.2572122	.1405843	.4837870	.1888146

#1	389.8876	2.657775	15.66503	164.8747	5.092318	5.456263
#2	391.6021	2.674153	15.71131	164.4739	5.122171	5.476531
#3	392.8665	2.706267	15.74553	164.8755	5.141468	5.463026

Sample Name: CCV045 Acquired: 12/13/2018 18:35:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.243597	5.008312	5.400580	5.381688	5.359966	F 5.522260
Stddev	.008592	.013239	.002755	.004781	.021179	.031810
%RSD	.1638566	.2643437	.0510041	.0888456	.3951372	.5760328

#1	5.235504	5.005130	5.398598	5.377385	5.335978	5.493715
#2	5.242675	4.996954	5.403726	5.380843	5.367834	5.516514
#3	5.252613	5.022852	5.399418	5.386835	5.376085	5.556552

Elem	Sr4077
Units	ppm
Avg	5.436467
Stddev	.002822
%RSD	.0519085

#1	5.437723
#2	5.433235
#3	5.438443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.553	2086.655	45526.52	4294.575	3039.201
Stddev	13.693	.832	193.25	13.234	.586
%RSD	.6820634	.0398763	.4244821	.3081484	.0192885

#1	1992.139	2087.586	45373.00	4279.307	3039.586
#2	2012.210	2086.393	45743.53	4302.758	3038.527
#3	2018.310	2085.985	45463.03	4301.660	3039.492

Sample Name: CCB045 Acquired: 12/13/2018 18:39:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009962	.0012148	.0019048	.0006312	.0000904	.0013463
Stddev	.0011022	.0003384	.0014055	.0021675	.0009696	.0012022
%RSD	110.6412	27.85434	73.78582	343.3994	1072.897	89.29801

#1	.0002693	.0009147	.0025321	-.001749	-.001029	.0024516
#2	.0004549	.0015815	.0028874	.002491	.000678	.0000662
#3	.0022643	.0011482	.0002949	.001151	.000622	.0015211

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	-.000016	-.000035	.0121113	.0002035	.0000214
Stddev	.000455	.000040	.000030	.0174504	.0003966	.0003279
%RSD	222.1729	247.5506	86.97027	144.0843	194.8437	1534.041

#1	-.000712	.000029	-.000065	-.007950	-.000228	.0003033
#2	.000169	-.000044	-.000005	.023780	.000553	-.000339
#3	-.000072	-.000033	-.000034	.020504	.000286	.000099

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024189	.0106326	-.001089	.0241801	.0002558	.0004533
Stddev	.0026963	.0114451	.000608	.0117467	.0003233	.0000974
%RSD	111.4689	107.6422	55.81378	48.58022	126.3900	21.47699

#1	.0053301	.0238474	-.000668	.0124567	.0002657	.0005068
#2	.0000074	.0041542	-.001785	.0241336	-.000072	.0003410
#3	.0019191	.0038960	-.000813	.0359500	.000574	.0005123

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2379206	.0017753	.0149429	.0106395	-.000828	F .0148472
Stddev	.0166014	.0048930	.0160367	.0255248	.003168	.0004045
%RSD	6.977709	275.6074	107.3196	239.9066	382.6953	2.724125

#1	.2570246	.0073910	.0314840	-.005683	-.004475	.0150835
#2	.2297411	-.000494	-.000537	.040054	.001239	.0150780
#3	.2269960	-.001571	.013882	-.002452	.000752	.0143802

Sample Name: CCB045 Acquired: 12/13/2018 18:39:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v747) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB045 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002623	-.000960	.0012992	.0008049	.0012198	.0036670
Stddev	.0000919	.002798	.0005072	.0008591	.0012052	.0004456
%RSD	35.01978	291.4760	39.03882	106.7296	98.80248	12.15032

#1	.0002242	-.001913	.0017501	-.000180	.0019870	.0041344
#2	.0001957	.002190	.0013975	.001196	.0018416	.0032471
#3	.0003671	-.003156	.0007501	.001399	-.000169	.0036196

Elem	Sr4077
Units	ppm
Avg	.0001332
Stddev	.0001153
%RSD	86.59360

#1	.0002590
#2	.0001083
#3	.0000324

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.797	2540.942	48708.67	4570.137	3895.773
Stddev	22.401	3.518	233.51	24.512	3.618
%RSD	.9648331	.1384441	.4793915	.5363525	.0928693

#1	2335.916	2541.710	48620.83	4548.410	3895.588
#2	2333.508	2544.013	48973.35	4596.710	3899.479
#3	2295.967	2537.104	48531.82	4565.290	3892.251