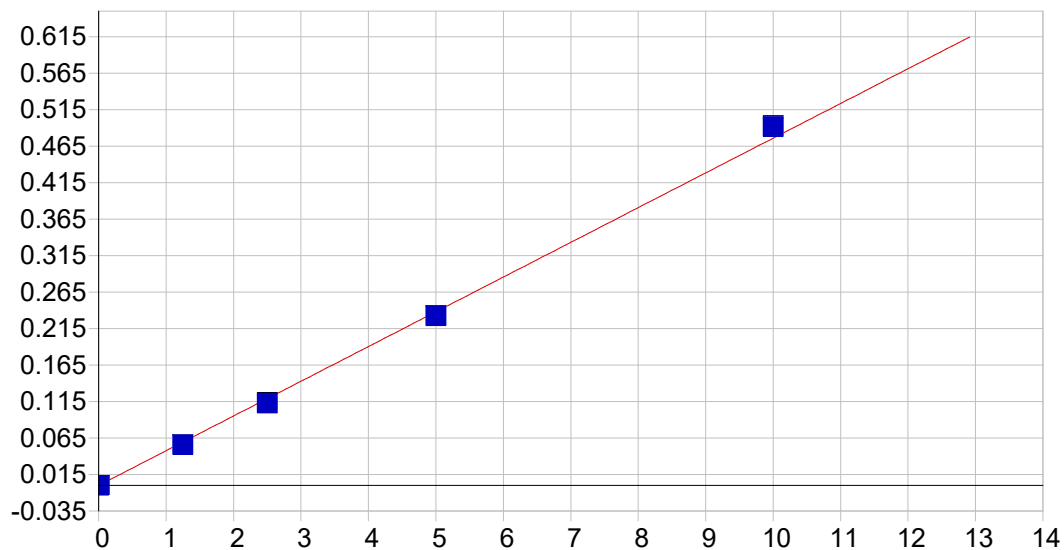


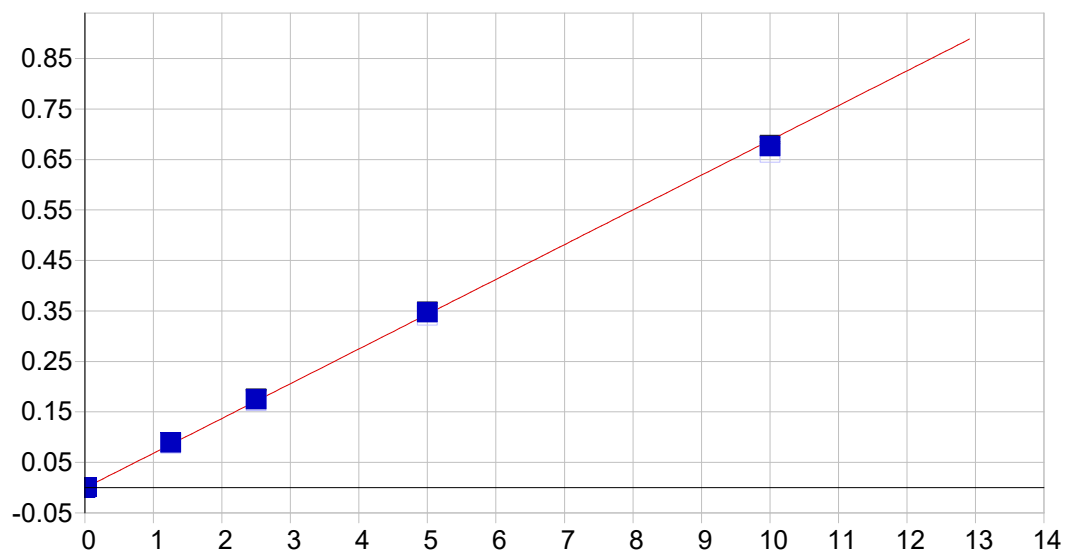


As 189.042 {479}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.047589 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999324 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.003490
 Predicted MQL: 0.011634

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.00881	-.001	-11.9	.00044	.000	1
S2	1.2500	1.1748	-.075	-6.01	.05589	.000	1
S3	2.5000	2.3664	-.134	-5.35	.11256	.001	1
S4	5.0000	4.8820	-.118	-2.36	.23221	.001	1
S5	10.000	10.328	.328	3.28	.49125	.001	1

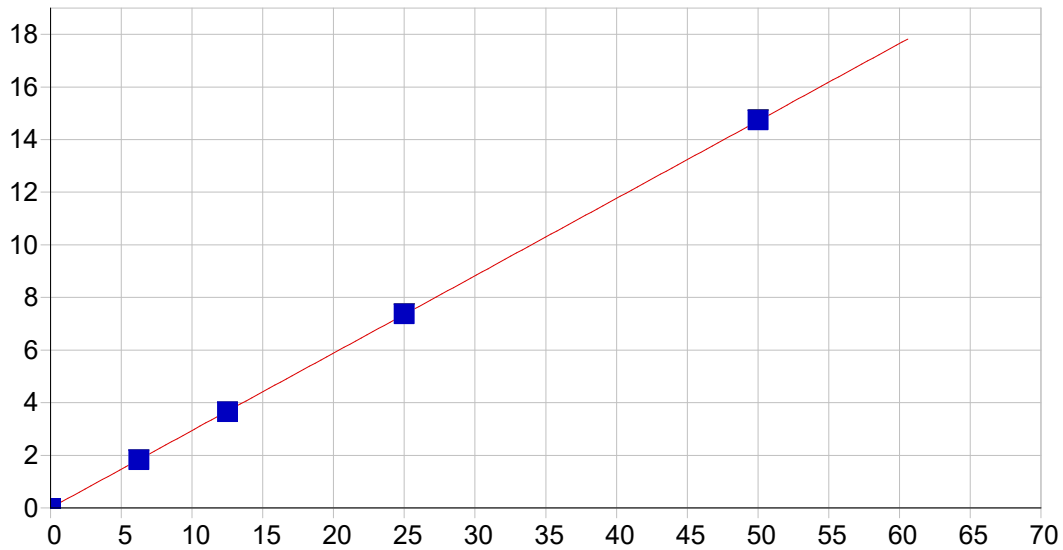


TI 190.856 {477}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000605	Re-Slope:	1.000000
A1 (Gain):	0.068843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999798	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.002502		
Predicted MQL:	0.008338		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00061	.000	1
S1	.02500	.02750	.003	10.0	.00122	.000	1
S2	1.2500	1.3075	.058	4.60	.08782	.000	1
S3	2.5000	2.5530	.053	2.12	.17198	.000	1
S4	5.0000	5.0527	.053	1.05	.34090	.001	1
S5	10.000	9.8343	-.166	-1.66	.66373	.002	1

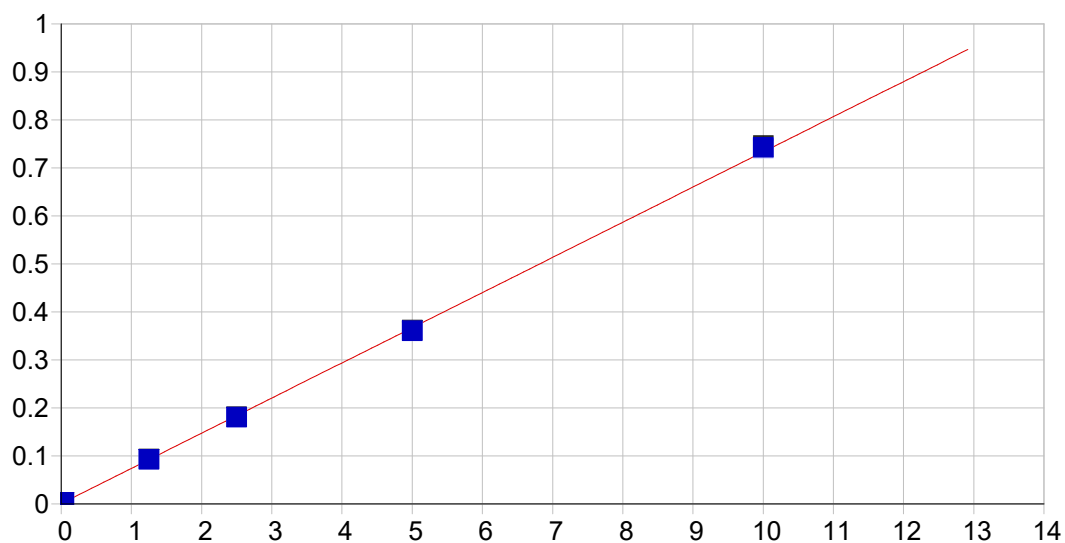


Pb 220.353 {453}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000739	Re-Slope:	1.000000
A1 (Gain):	0.294157	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.001586		
Predicted MQL:	0.005285		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00074	.000	1
S1	.01000	.00915	-.001	-8.53	.00343	.000	1
S2	6.2500	6.2009	-.049	-.786	1.8251	.002	1
S3	12.500	12.384	-.116	-.930	3.6442	.008	1
S4	25.000	25.062	.062	.248	7.3744	.008	1
S5	50.000	50.104	.104	.209	14.742	.014	1

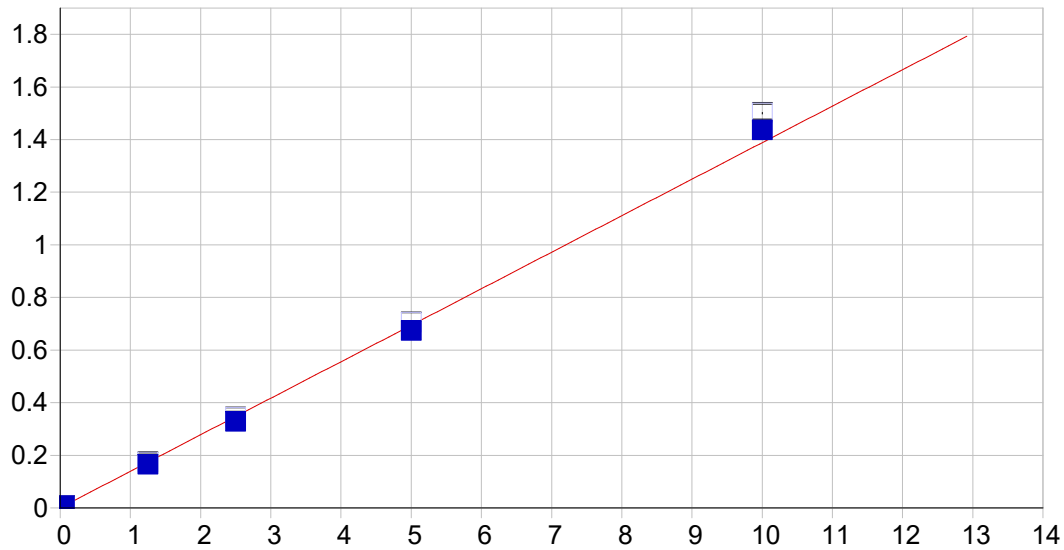


Se 196.090 {472}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000731 Re-Slope: 1.000000
 A1 (Gain): 0.073258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.003071
 Predicted MQL: 0.010238

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00073	.000	1
S1	.03500	.03166	-.003	-9.53	.00305	.000	1
S2	1.2500	1.2574	.007	.592	.09261	.000	1
S3	2.5000	2.4556	-.044	-1.78	.18014	.000	1
S4	5.0000	4.9131	-.087	-1.74	.35969	.002	1
S5	10.000	10.127	.127	1.27	.74071	.003	1

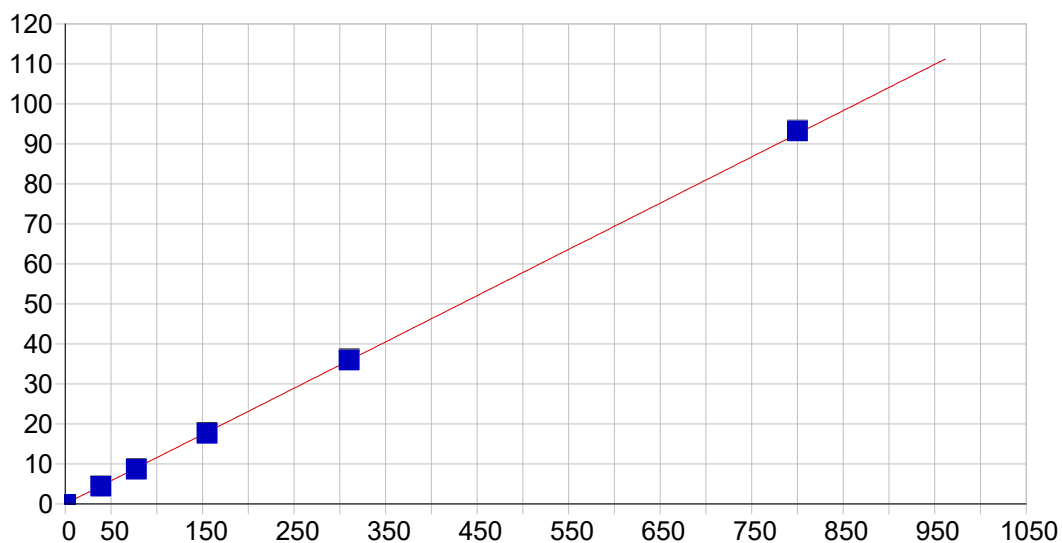


Sb 206.833 {463}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000465 Re-Slope: 1.000000
 A1 (Gain): 0.138779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999338 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.001879
 Predicted MQL: 0.006263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00047	.000	1
S1	.06000	.05761	-.002	-3.98	.00847	.000	1
S2	1.2500	1.1924	-.058	-4.61	.17393	.001	1
S3	2.5000	2.3609	-.139	-5.56	.34408	.001	1
S4	5.0000	4.8492	-.151	-3.02	.70538	.001	1
S5	10.000	10.350	.350	3.50	1.5007	.003	1

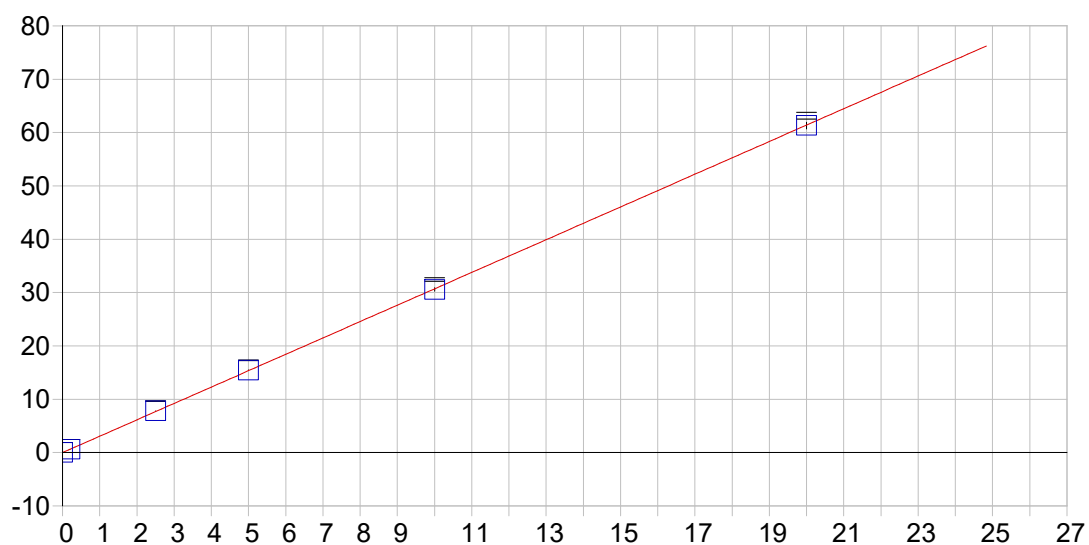


AI 396.152 { 85}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007633 Re-Slope: 1.000000
 A1 (Gain): 0.115665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.000885
 Predicted MDL: 0.008148
 Predicted MQL: 0.027162

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00764	.001	1
S1	.20000	.18449	-.016	-7.75	.02937	.001	1
S2	38.750	37.848	-.902	-2.33	4.3942	.005	1
S3	77.500	74.780	-2.72	-3.51	8.6749	.043	1
S4	155.00	152.30	-2.70	-1.74	17.659	.171	1
S5	310.00	310.41	.408	.132	35.983	.272	1
S6	800.00	805.94	5.94	.742	93.285	.142	1

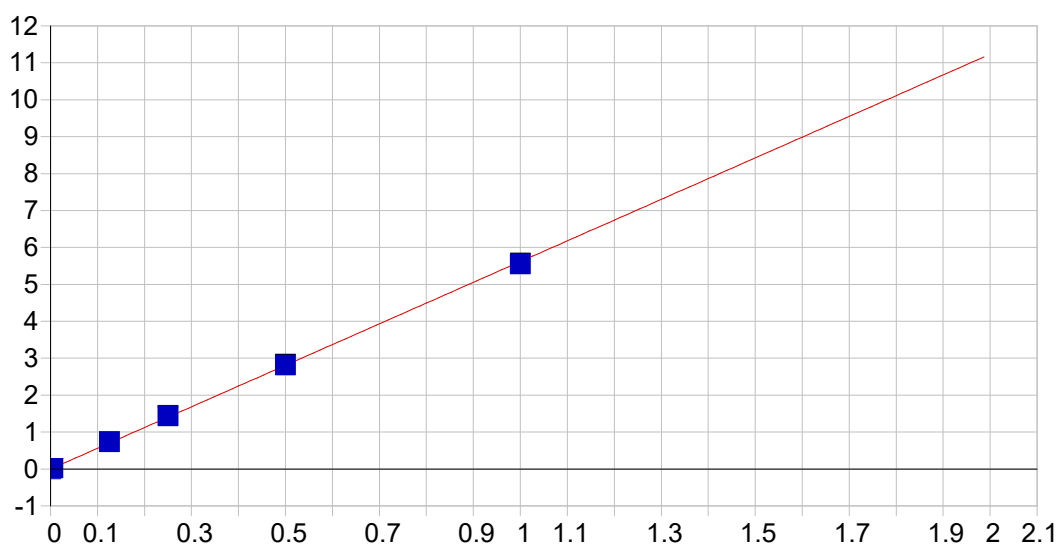


Ba 493.409 { 68}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001271 Re-Slope: 1.000000
 A1 (Gain): 3.070172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.001961
 Predicted MDL: 0.000558
 Predicted MQL: 0.001860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00126	.002	1
S1	.20000	.19247	-.008	-3.77	.58963	.005	1
S2	2.5000	2.5416	.042	1.66	7.8019	.029	1
S3	5.0000	5.0319	.032	.638	15.448	.072	1
S4	10.000	9.9623	-.038	-.377	30.585	.315	1
S5	20.000	19.972	-.028	-.141	61.315	.639	1

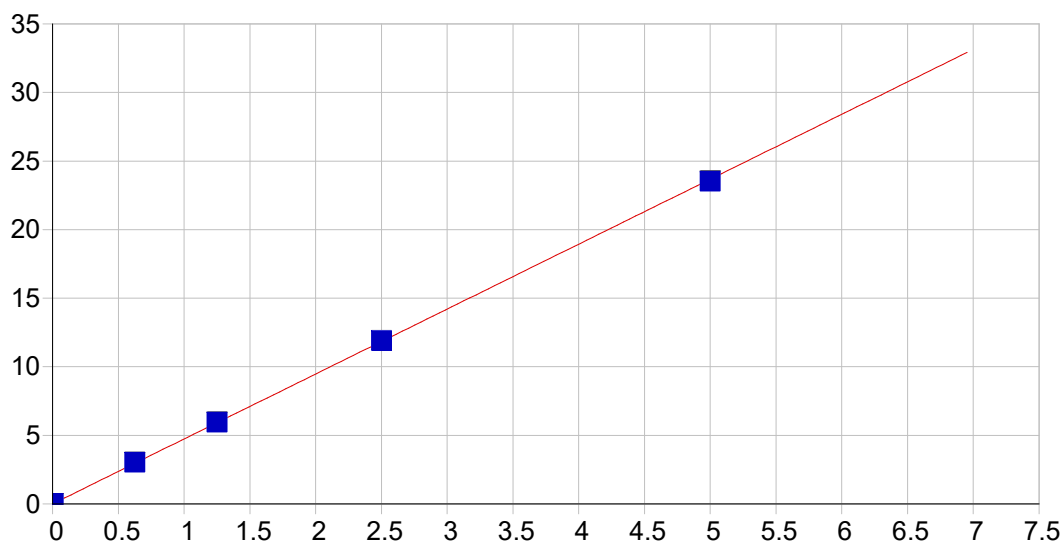


Be 234.861 {144}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000986	Re-Slope:	1.000000
A1 (Gain):	5.617830	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000328		
Predicted MDL:	0.000060		
Predicted MQL:	0.000201		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00099	.000	1
S1	.00500	.00483	-.000	-3.33	.02615	.000	1
S2	.12500	.13035	.005	4.28	.72899	.005	1
S3	.25000	.25495	.005	1.98	1.4266	.019	1
S4	.50000	.50079	.001	.158	2.8031	.026	1
S5	1.0000	.98907	-.011	-1.09	5.5368	.024	1

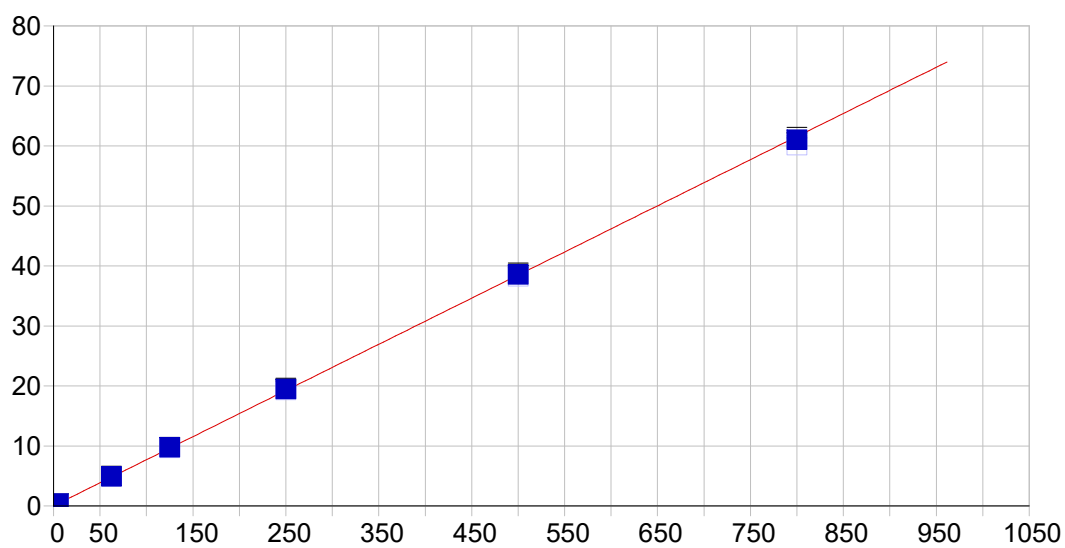


Cd 214.438 {457}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001609	Re-Slope:	1.000000
A1 (Gain):	4.734696	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000333		
Predicted MDL:	0.000070		
Predicted MQL:	0.000232		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00161	.000	1
S1	.00500	.00476	-.000	-4.86	.02414	.001	1
S2	.62500	.63845	.013	2.15	3.0290	.005	1
S3	1.2500	1.2577	.008	.616	5.9655	.010	1
S4	2.5000	2.5136	.014	.546	11.921	.008	1
S5	5.0000	4.9654	-.035	-.691	23.548	.029	1

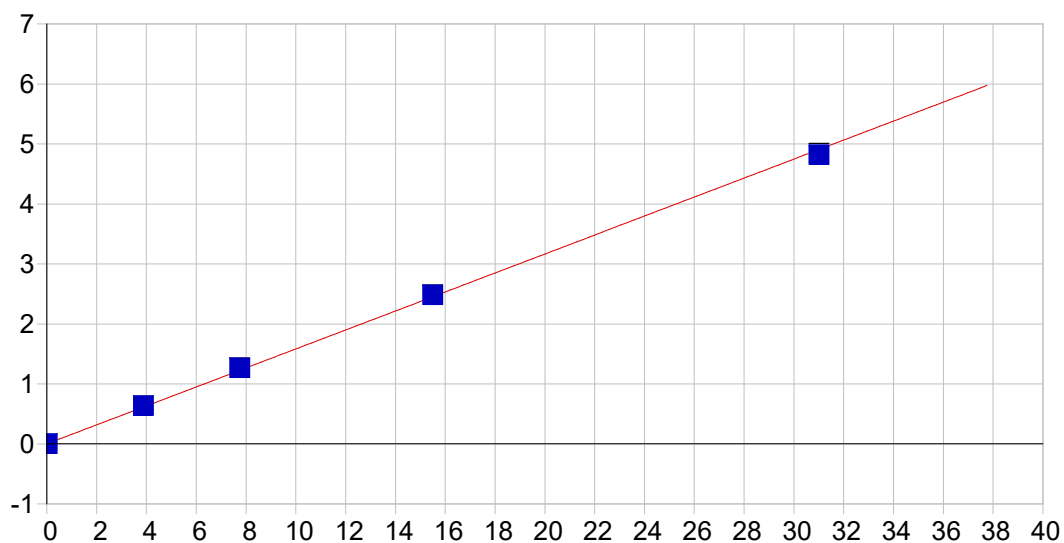


Ca 373.690 { 90}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001259 Re-Slope: 1.000000
 A1 (Gain): 0.076952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.002534
 Predicted MDL: 0.010608
 Predicted MQL: 0.035360

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00125	.000	1
S1	5.0000	4.8864	-.114	-2.27	.37716	.004	1
S2	62.500	63.963	1.46	2.34	4.8803	.021	1
S3	125.00	126.62	1.62	1.29	9.6585	.039	1
S4	250.00	252.78	2.78	1.11	19.281	.156	1
S5	500.00	501.32	1.32	.264	38.234	.225	1
S6	800.00	792.90	-7.10	-.888	60.098	.403	1

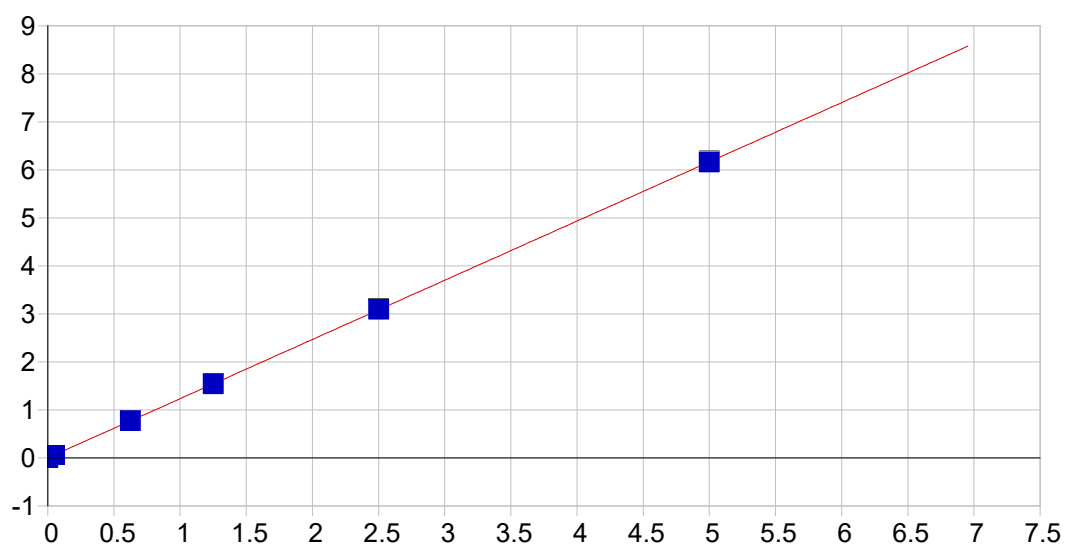


Cr 267.716 {126}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000013 Re-Slope: 1.000000
 A1 (Gain): 0.158250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000556
 Predicted MQL: 0.001854

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01009	.000	.874	.00161	.000	1
S2	3.8750	4.0168	.142	3.66	.63644	.001	1
S3	7.7500	7.9937	.244	3.14	1.2666	.007	1
S4	15.500	15.678	.178	1.15	2.4841	.006	1
S5	31.000	30.436	-.564	-1.82	4.8227	.024	1

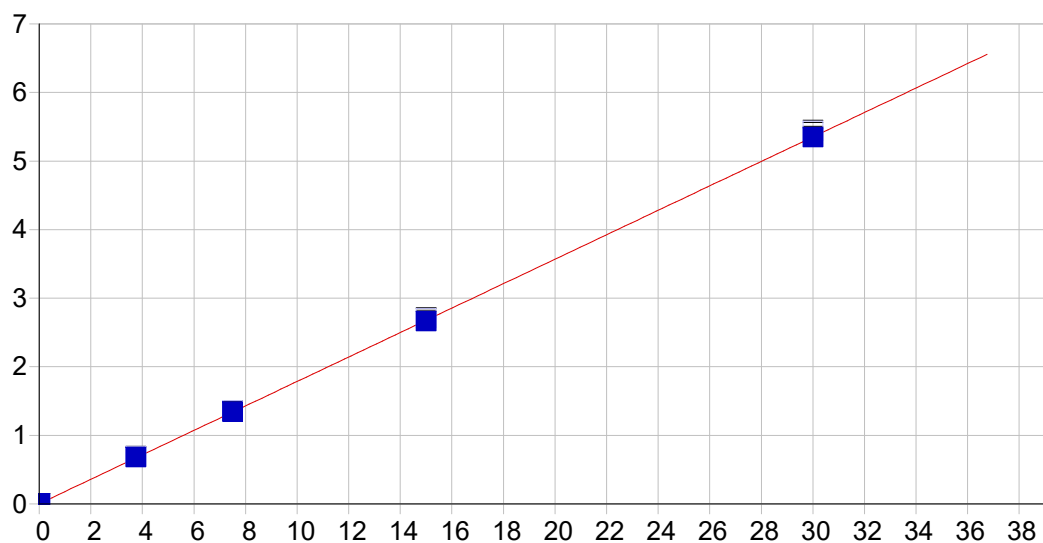


Co 228.616 {448}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000102 Re-Slope: 1.000000
 A1 (Gain): 1.233233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.000257
 Predicted MQL: 0.000858

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.05000	.04687	-.003	-6.26	.05812	.000	1
S2	.62500	.62599	.001	.158	.77332	.001	1
S3	1.2500	1.2477	-.002	-.187	1.5412	.002	1
S4	2.5000	2.5099	.010	.394	3.1002	.003	1
S5	5.0000	4.9946	-.005	-.107	6.1694	.012	1

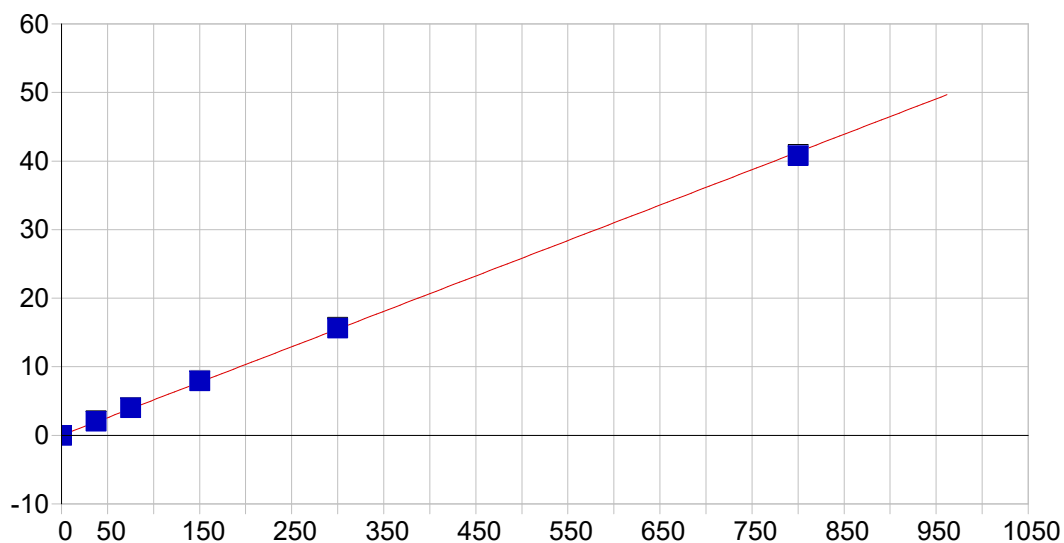


Cu 324.754 {104}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002447	Re-Slope:	1.000000
A1 (Gain):	0.178302	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000042		
Predicted MDL:	0.002626		
Predicted MQL:	0.008753		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00245	.000	1
S1	.02500	.02354	-.001	-5.85	.00753	.000	1
S2	3.7500	3.8153	.065	1.74	.69345	.001	1
S3	7.5000	7.5110	.011	.147	1.3631	.001	1
S4	15.000	14.939	-.061	-.407	2.7090	.005	1
S5	30.000	29.986	-.014	-.045	5.4349	.015	1

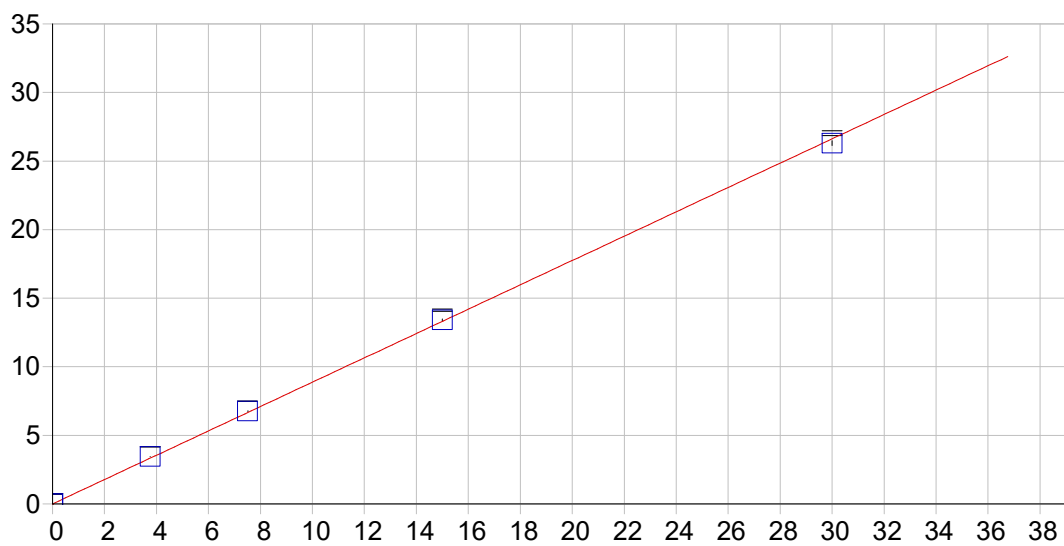


Fe 259.837 {130}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000253 Re-Slope: 1.000000
 A1 (Gain): 0.051653 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999827 Status: OK.
 Std Error of Est: 0.000421
 Predicted MDL: 0.005728
 Predicted MQL: 0.019094

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00025	.000	1
S1	.10000	.10015	.000	.147	.00564	.000	1
S2	37.500	39.843	2.34	6.25	2.0623	.007	1
S3	75.000	77.535	2.53	3.38	4.0132	.013	1
S4	150.00	153.58	3.58	2.39	7.9493	.067	1
S5	300.00	302.15	2.15	.717	15.640	.116	1
S6	800.00	789.38	-10.6	-1.33	40.827	.114	1

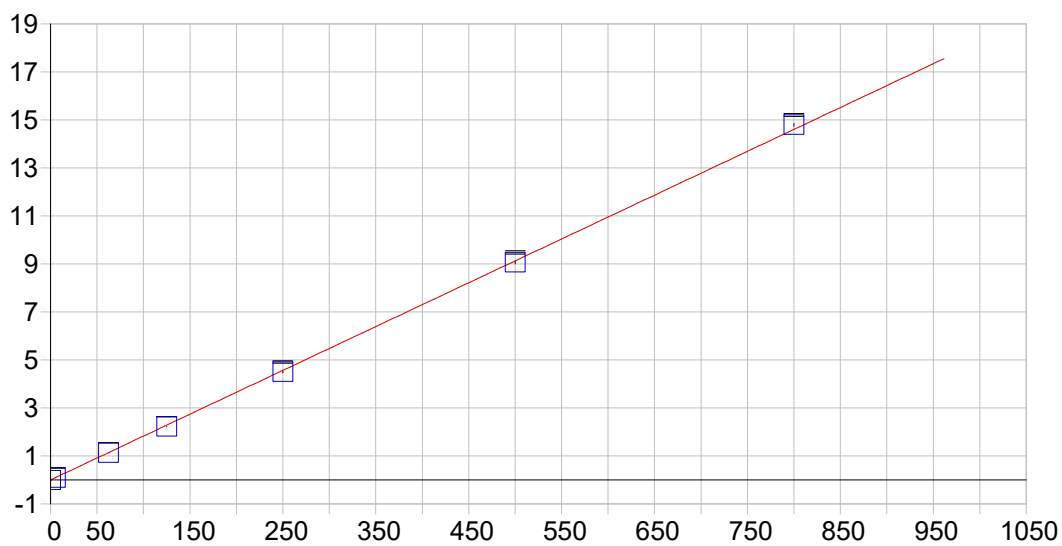


Mn 257.610 {131}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
 A1 (Gain): 0.887416 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000457
 Predicted MDL: 0.000335
 Predicted MQL: 0.001116

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00038	.000	1
S1	.01500	.01584	.001	5.58	.01443	.000	1
S2	3.7500	3.8787	.129	3.43	3.4424	.011	1
S3	7.5000	7.6225	.123	1.63	6.7647	.004	1
S4	15.000	15.115	.115	.765	13.413	.084	1
S5	30.000	29.633	-.367	-1.22	26.297	.175	1

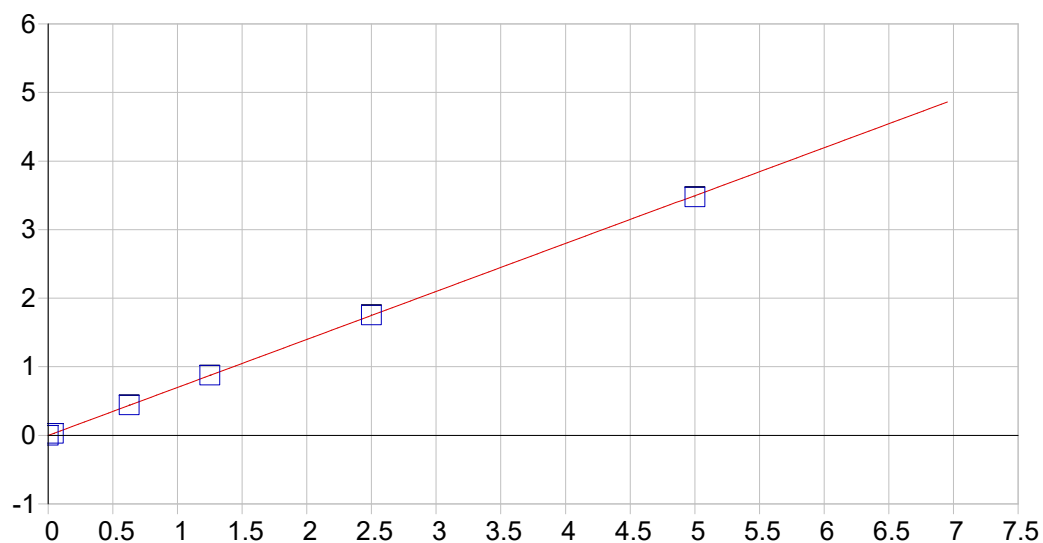


Mg 279.079 {121}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000251 Re-Slope: 1.000000
 A1 (Gain): 0.018254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000826
 Predicted MDL: 0.019403
 Predicted MQL: 0.064675

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	-.00024	.000	1
S1	5.0000	4.7882	-.212	-4.24	.08715	.001	1
S2	62.500	61.819	-.681	-1.09	1.1282	.001	1
S3	125.00	121.88	-3.12	-2.50	2.2246	.007	1
S4	250.00	246.69	-3.31	-1.32	4.5029	.045	1
S5	500.00	496.90	-3.10	-.619	9.0704	.068	1
S6	800.00	810.42	10.4	1.30	14.793	.056	1

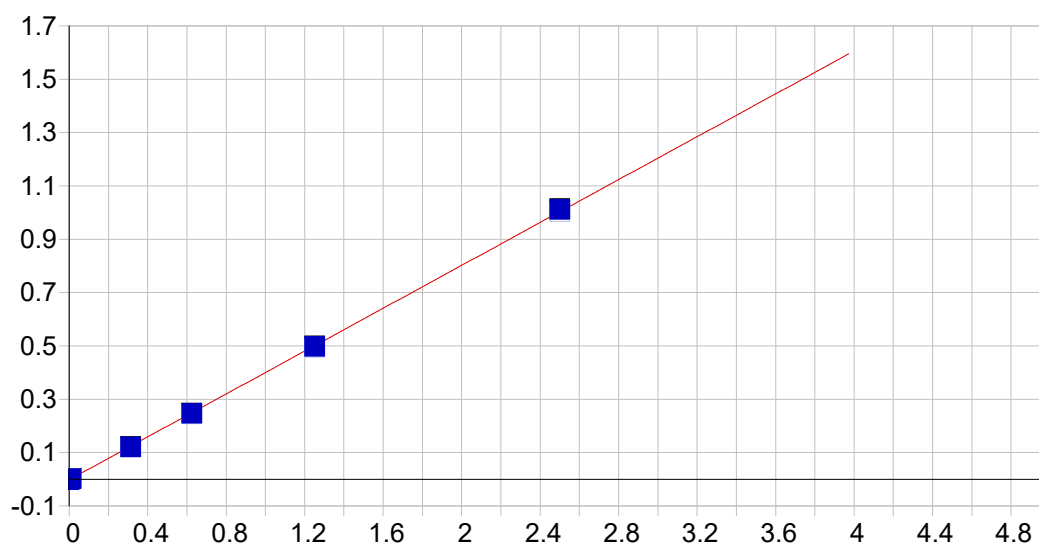


Ni 231.604 {446}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002196	Re-Slope:	1.000000
A1 (Gain):	0.699698	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000108		
Predicted MDL:	0.000466		
Predicted MQL:	0.001553		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00220	.000	1
S1	.04000	.03962	-.000	-.957	.02552	.000	1
S2	.62500	.63544	.010	1.67	.44242	.000	1
S3	1.2500	1.2546	.005	.371	.87567	.002	1
S4	2.5000	2.5122	.012	.488	1.7556	.003	1
S5	5.0000	4.9731	-.027	-.538	3.4775	.004	1

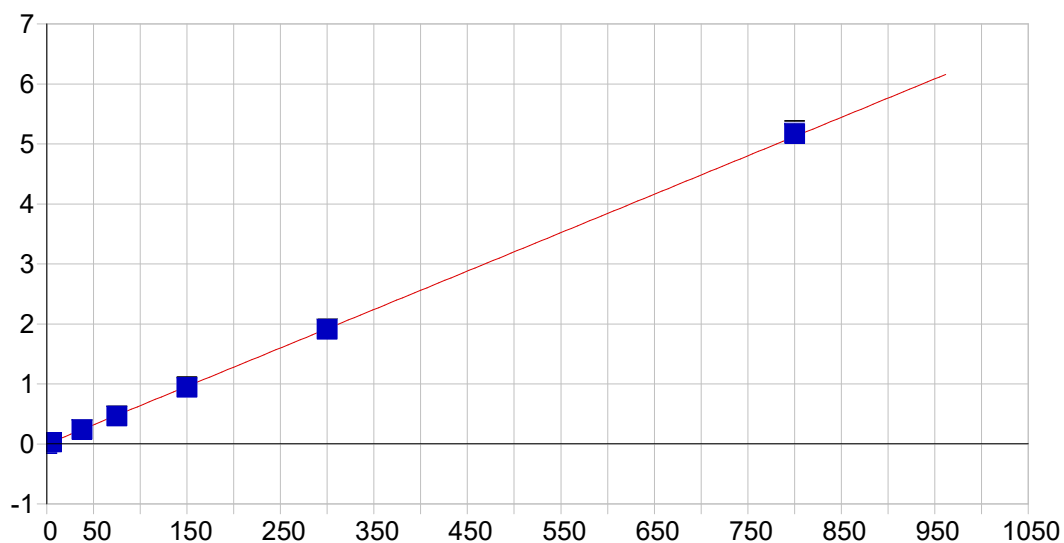


Ag 328.068 {103}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001897	Re-Slope:	1.000000
A1 (Gain):	0.401961	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.000446		
Predicted MQL:	0.001487		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00190	.000	1
S1	.01000	.00961	-.000	-3.85	.00193	.000	1
S2	.31250	.30575	-.007	-2.16	.11993	.000	1
S3	.62500	.61762	-.007	-1.18	.24421	.001	1
S4	1.2500	1.2435	-.007	-.521	.49363	.002	1
S5	2.5000	2.5210	.021	.841	1.0029	.003	1

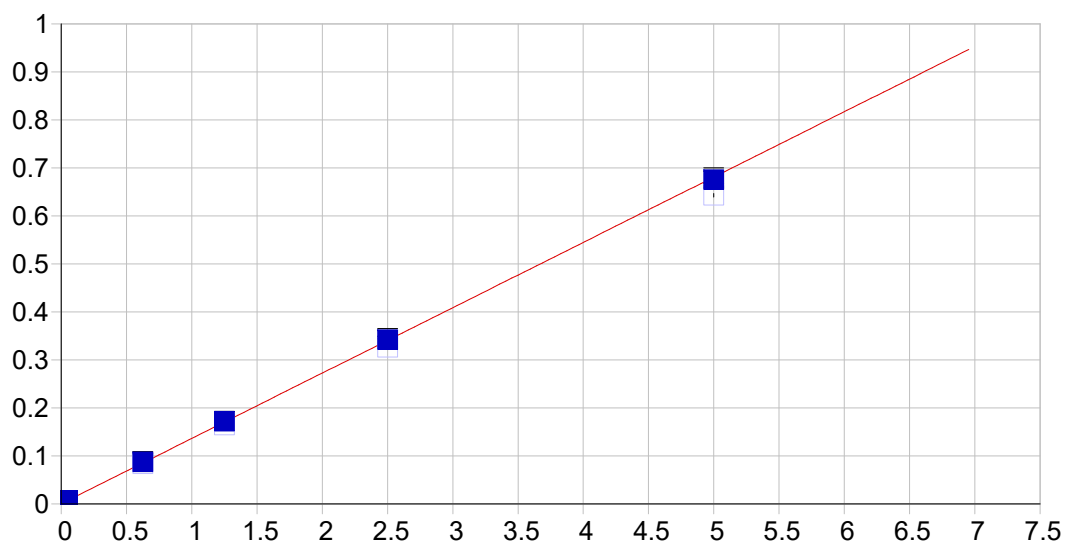


Na 818.326 { 41}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002314	Re-Slope:	1.000000
A1 (Gain):	0.006406	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.261406		
Predicted MQL:	0.871353		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	-.00231	.001	1
S1	5.0000	4.8013	-.199	-3.97	.02845	.001	1
S2	37.500	37.073	-.427	-1.14	.23624	.002	1
S3	75.000	72.723	-2.28	-3.04	.46568	.003	1
S4	150.00	147.01	-2.99	-1.99	.94372	.009	1
S5	300.00	298.30	-1.70	-.568	1.9171	.008	1
S6	800.00	807.59	7.59	.949	5.1939	.031	1

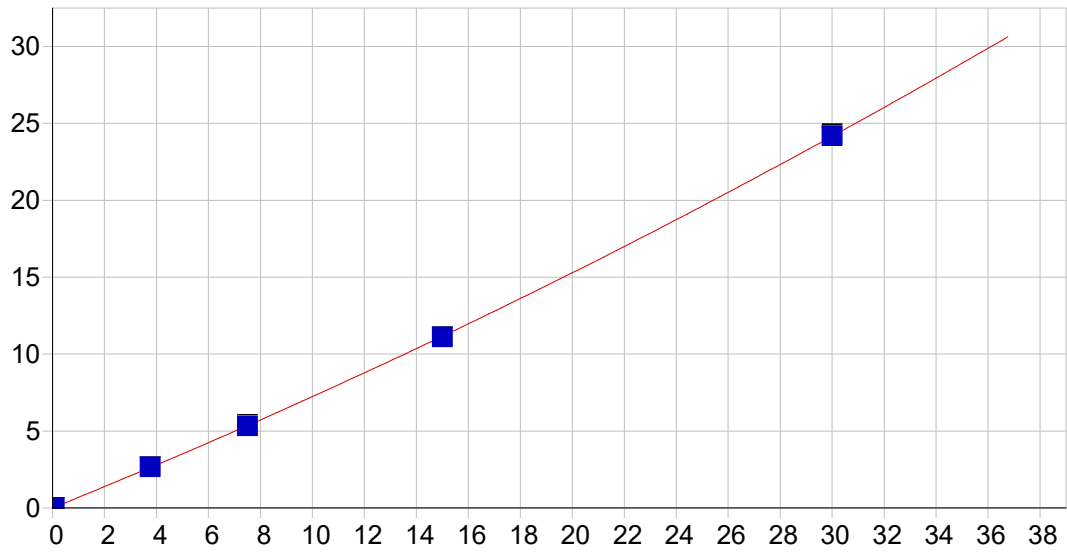


V 292.402 {115}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000328	Re-Slope:	1.000000
A1 (Gain):	0.136119	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999949	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.002662		
Predicted MQL:	0.008873		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.05000	.04990	-.000	-.197	.00711	.000	1
S2	.62500	.64118	.016	2.59	.08353	.001	1
S3	1.2500	1.2609	.011	.874	.16381	.000	1
S4	2.5000	2.5119	.012	.478	.32594	.002	1
S5	5.0000	4.9611	-.039	-.779	.64300	.004	1

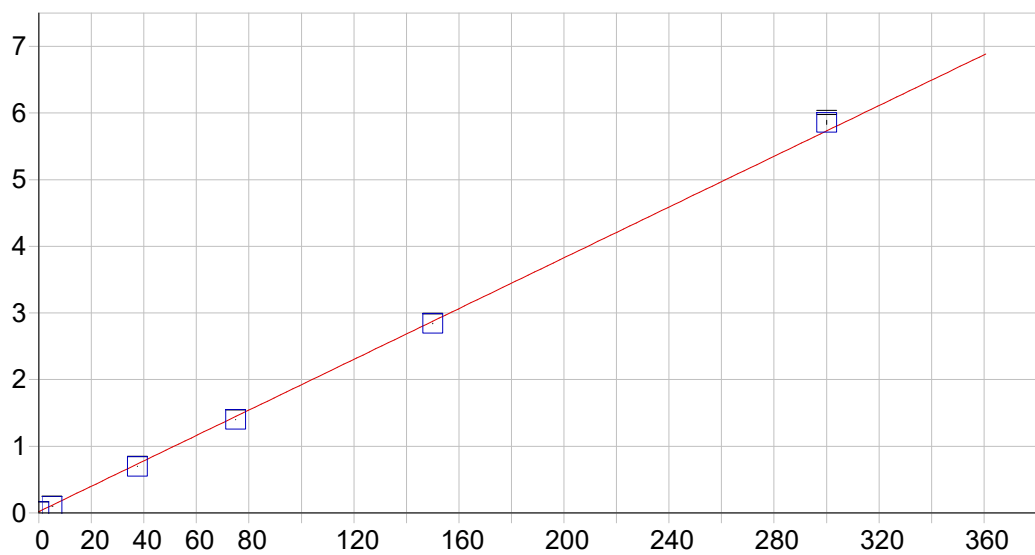


Zn 213.856 {158}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.001986 Re-Slope: 1.000000
 A1 (Gain): 0.682322 Y-int: 0.000000
 A2 (Curvature): 0.004101
 n (Exponent): 1.000000
 Correlation: 0.999987 Status: Warning Positive Curvature
 Std Error of Est: 0.000319
 Predicted MDL: 0.001285
 Predicted MQL: 0.004282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00199	.000	1
S1	.06000	.05965	-.000	-.576	.04282	.001	1
S2	3.7500	3.8145	.065	1.72	2.6686	.022	1
S3	7.5000	7.4811	-.019	-.252	5.3444	.075	1
S4	15.000	14.927	-.073	-.488	11.117	.012	1
S5	30.000	30.029	.029	.098	24.224	.092	1

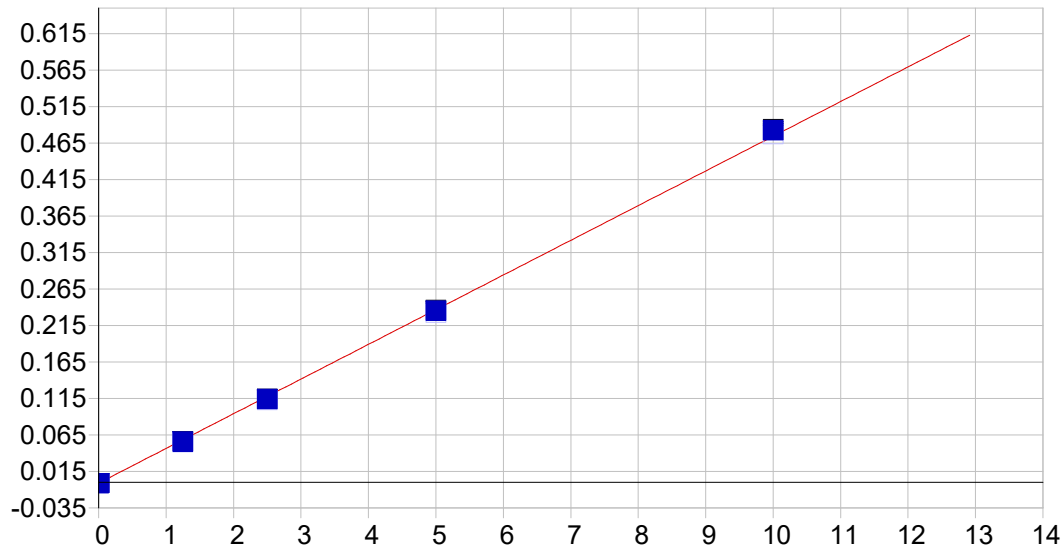


K 769.896 { 44 }

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.019181	Re-Slope:	1.000000
A1 (Gain):	0.019042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999629	Status:	OK.
Std Error of Est:	0.001069		
Predicted MDL:	0.073695		
Predicted MQL:	0.245649		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00098	.001	.000	.01920	.002	1
S1	5.0000	4.3833	-.617	-12.3	.10265	.000	1
S2	37.500	35.614	-1.89	-5.03	.69735	.002	1
S3	75.000	72.514	-2.49	-3.31	1.4000	.003	1
S4	150.00	148.32	-1.68	-1.12	2.8435	.003	1
S5	300.00	306.67	6.67	2.22	5.8588	.030	1

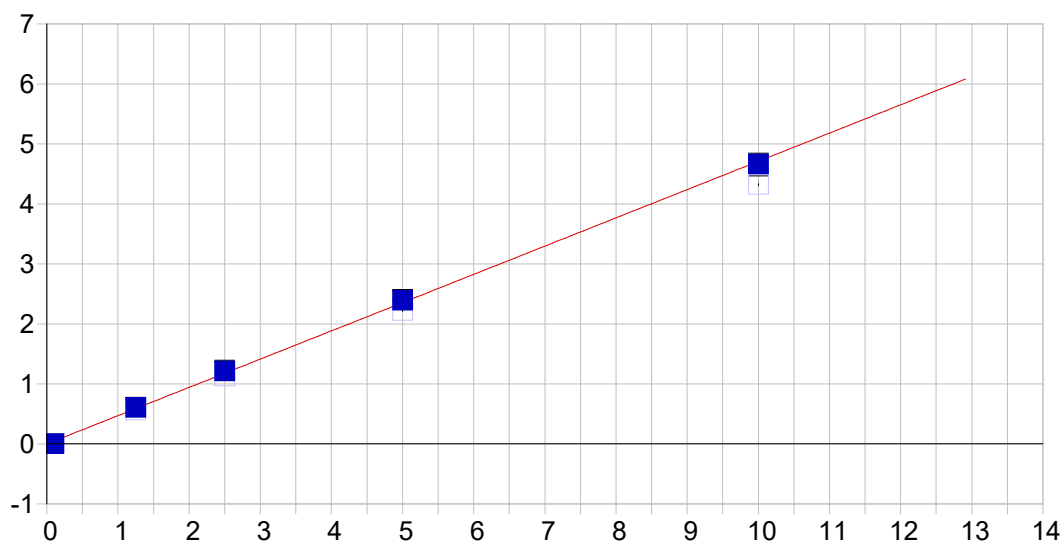


P 177.495 {490}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001035 Re-Slope: 1.000000
 A1 (Gain): 0.047535 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999720 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002747
 Predicted MQL: 0.009158

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00103	.000	1
S1	.01000	.00579	-.004	-42.1	-.00076	.000	1
S2	1.2500	1.1929	-.057	-4.56	.05501	.000	1
S3	2.5000	2.4183	-.082	-3.27	.11259	.000	1
S4	5.0000	4.9693	-.031	-.615	.23252	.001	1
S5	10.000	10.174	.174	1.74	.47725	.001	1

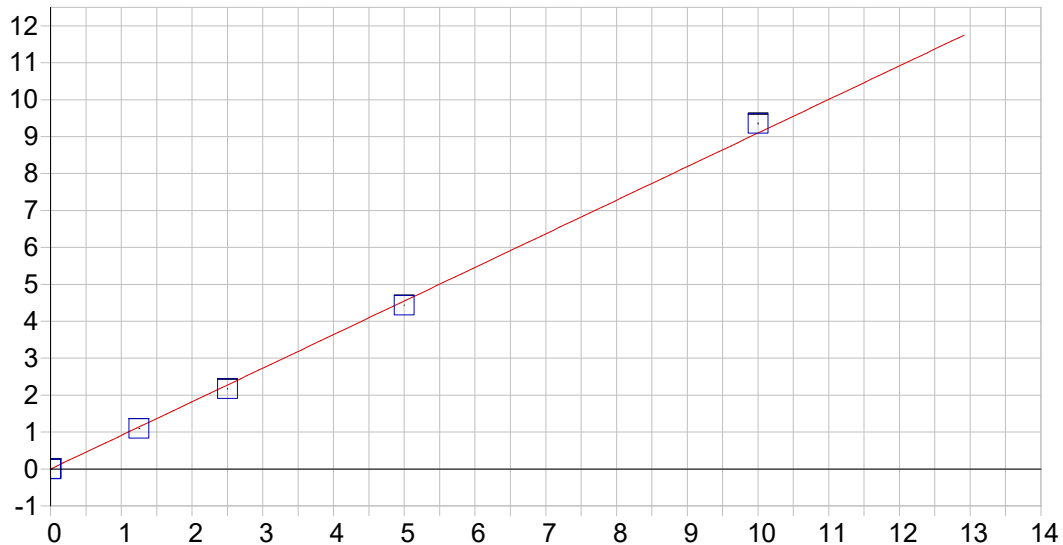


B 249.678 {135}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000045	Re-Slope:	1.000000
A1 (Gain):	0.470956	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997338	Status:	OK.
Std Error of Est:	0.001698		
Predicted MDL:	0.000875		
Predicted MQL:	0.002917		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00001	.000	1
S1	.10000	.01017	-.090	-89.8	.00465	.000	1
S2	1.2500	1.2890	.039	3.12	.56431	.002	1
S3	2.5000	2.5791	.079	3.16	1.1291	.015	1
S4	5.0000	5.0788	.079	1.58	2.2209	.018	1
S5	10.000	9.8998	-.100	-1.00	4.3205	.017	1

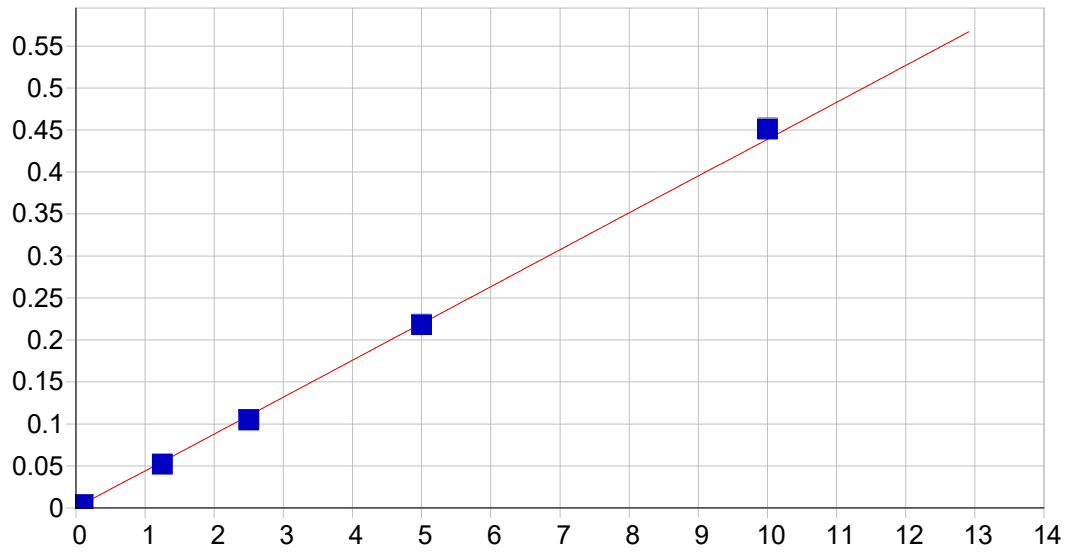


Mo 202.030 {467}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000129 Re-Slope: 1.000000
 A1 (Gain): 0.909655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521 Status: OK.
 Std Error of Est: 0.000472
 Predicted MDL: 0.000284
 Predicted MQL: 0.000947

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.00940	-.001	-5.97	.00842	.000	1
S2	1.2500	1.2047	-.045	-3.63	1.0957	.001	1
S3	2.5000	2.3849	-.115	-4.60	2.1694	.008	1
S4	5.0000	4.8777	-.122	-2.45	4.4369	.007	1
S5	10.000	10.283	.283	2.83	9.3541	.016	1

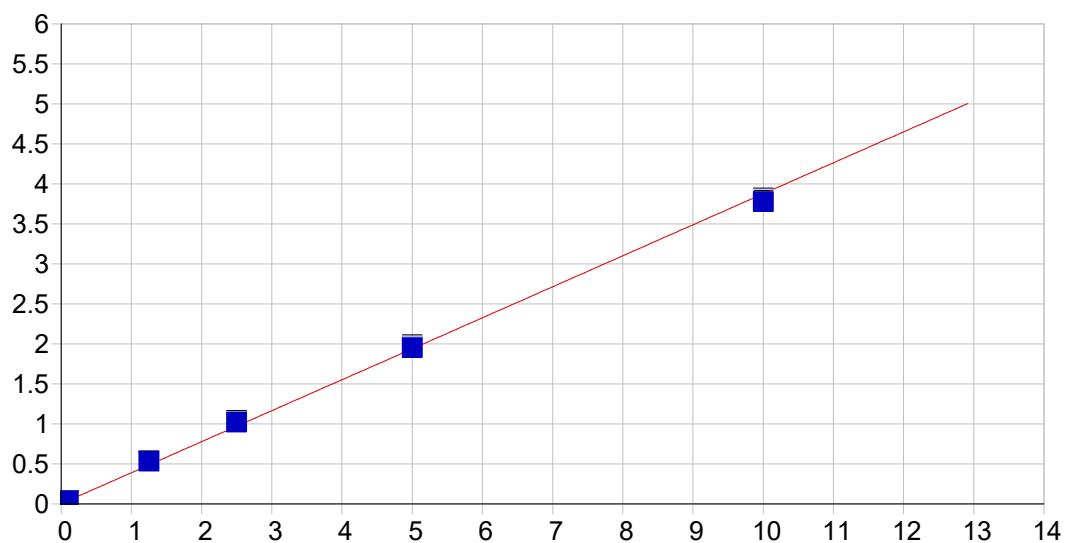


S 182.034 {485}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000269 Re-Slope: 1.000000
 A1 (Gain): 0.043875 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999408 Status: OK.
 Std Error of Est: 0.000080
 Predicted MDL: 0.003745
 Predicted MQL: 0.012483

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00027	.000	1
S1	.10000	.08096	-.019	-19.0	.00382	.000	1
S2	1.2500	1.1723	-.078	-6.21	.05182	.000	1
S3	2.5000	2.3724	-.128	-5.10	.10459	.001	1
S4	5.0000	4.9575	-.042	-.850	.21824	.001	1
S5	10.000	10.267	.267	2.67	.45165	.001	1

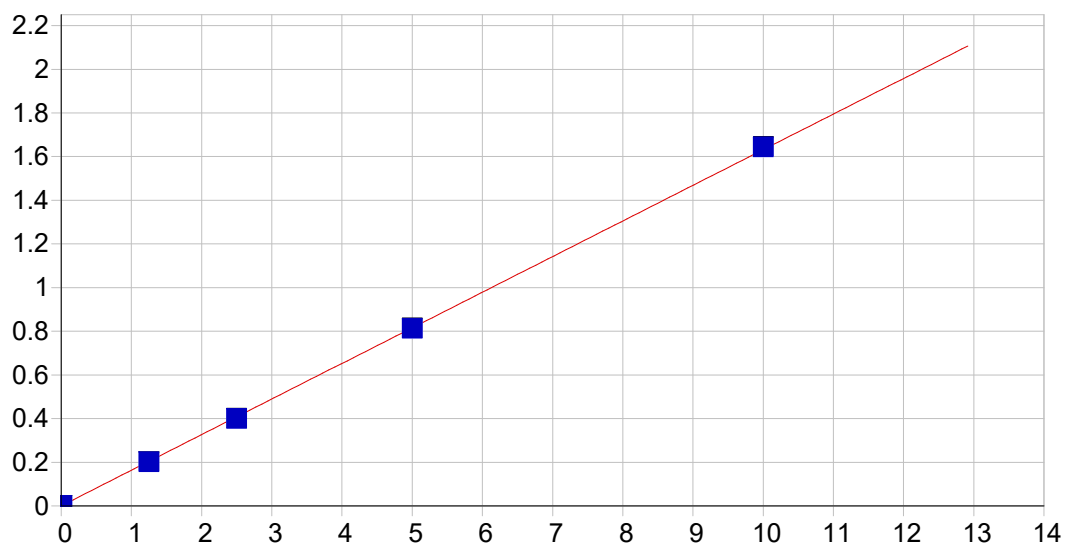


Si 251.611 {134}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002967	Re-Slope:	1.000000
A1 (Gain):	0.387301	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999368	Status:	OK.
Std Error of Est:	0.000739		
Predicted MDL:	0.001091		
Predicted MQL:	0.003636		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00297	.000	1
S1	.10000	.09192	-.008	-8.08	.03871	.000	1
S2	1.2500	1.3608	.111	8.87	.53430	.004	1
S3	2.5000	2.6295	.129	5.18	1.0299	.012	1
S4	5.0000	5.0304	.030	.609	1.9684	.019	1
S5	10.000	9.7373	-.263	-2.63	3.8085	.015	1

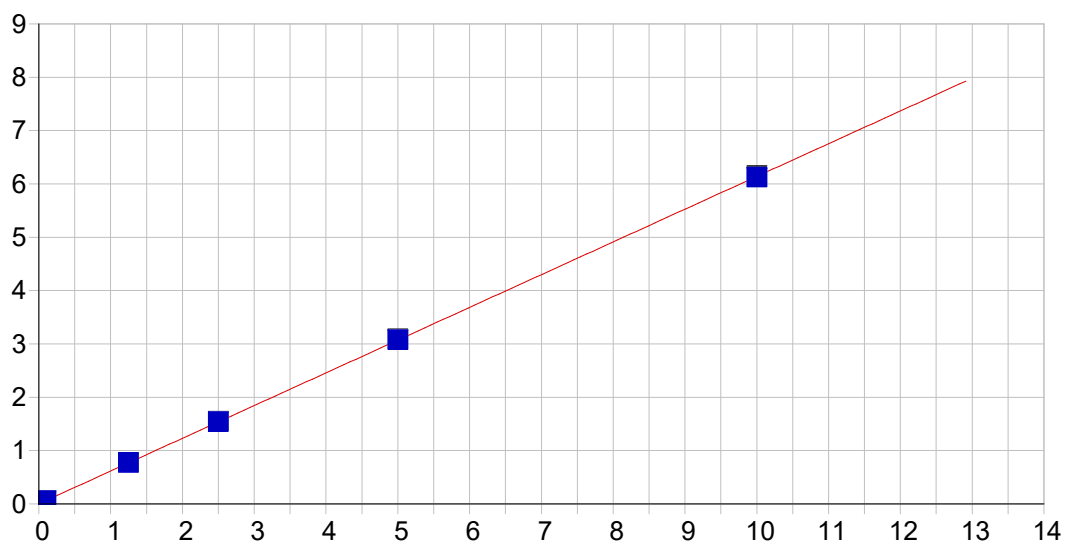


Sn 189.989 {478}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000172	Re-Slope:	1.000000
A1 (Gain):	0.163131	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.001004		
Predicted MQL:	0.003346		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.00700	.00721	.000	3.04	.00132	.000	1
S2	1.2500	1.2353	-.015	-1.18	.20126	.001	1
S3	2.5000	2.4500	-.050	-2.00	.39900	.002	1
S4	5.0000	4.9848	-.015	-.303	.81166	.002	1
S5	10.000	10.080	.080	.796	1.6411	.001	1

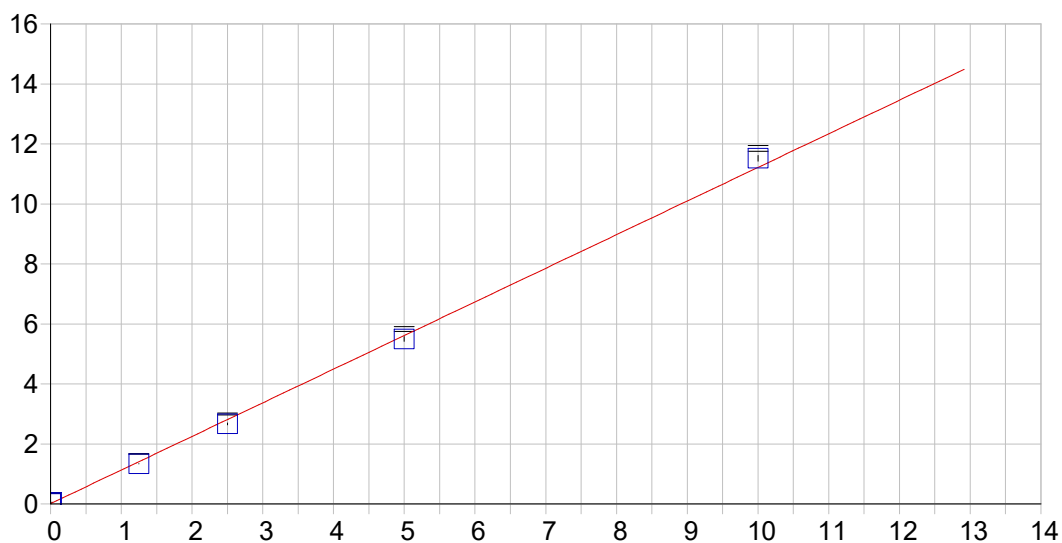


Ti 336.121 {100}

Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001955	Re-Slope:	1.000000
A1 (Gain):	0.613805	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000239		
Predicted MDL:	0.000981		
Predicted MQL:	0.003269		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00196	.000	1
S1	.10000	.09080	-.009	-9.20	.05767	.001	1
S2	1.2500	1.2576	.008	.607	.77361	.001	1
S3	2.5000	2.5121	.012	.486	1.5434	.003	1
S4	5.0000	5.0097	.010	.194	3.0759	.012	1
S5	10.000	9.9797	-.020	-.203	6.1255	.023	1



Li 670.784 { 50}

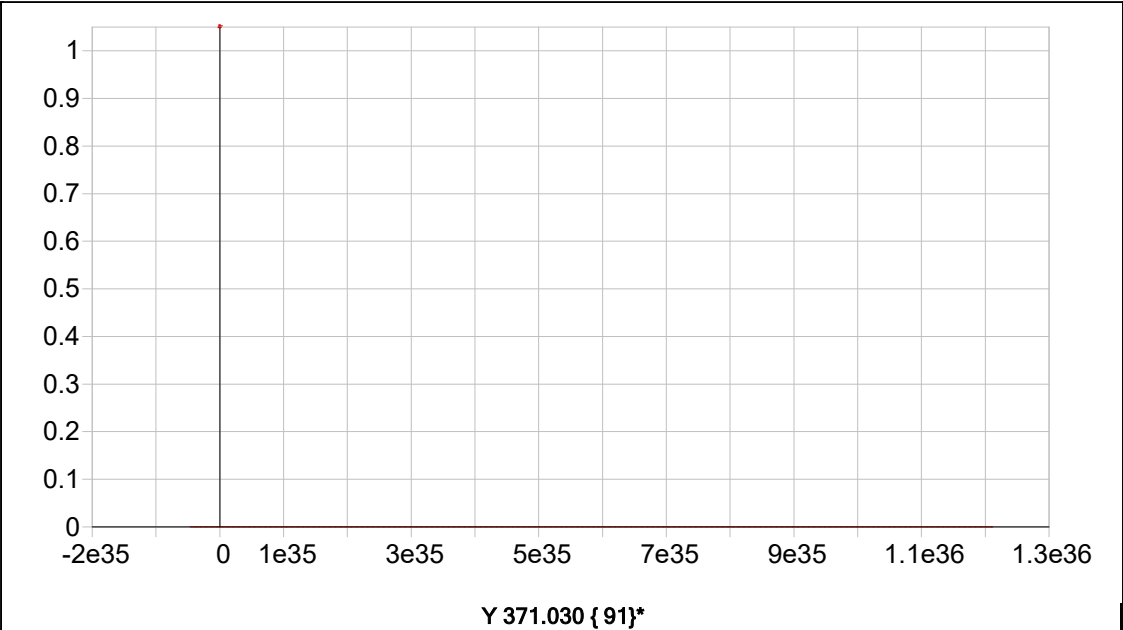
Date of Fit: 09/13/2019 14:51:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008027 Re-Slope: 1.000000
 A1 (Gain): 1.120836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998218 Status: OK.
 Std Error of Est: 0.001376
 Predicted MDL: 0.001575
 Predicted MQL: 0.005250

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00800	.001	1
S5	10.000	10.269	.269	2.69	11.518	.097	1
S4	5.0000	4.8949	-.105	-2.10	5.4944	.080	1
S3	2.5000	2.3720	-.128	-5.12	2.6666	.031	1
S2	1.2500	1.1871	-.063	-5.04	1.3385	.003	1
S1	.01500	.04178	.027	179.	.05485	.002	1



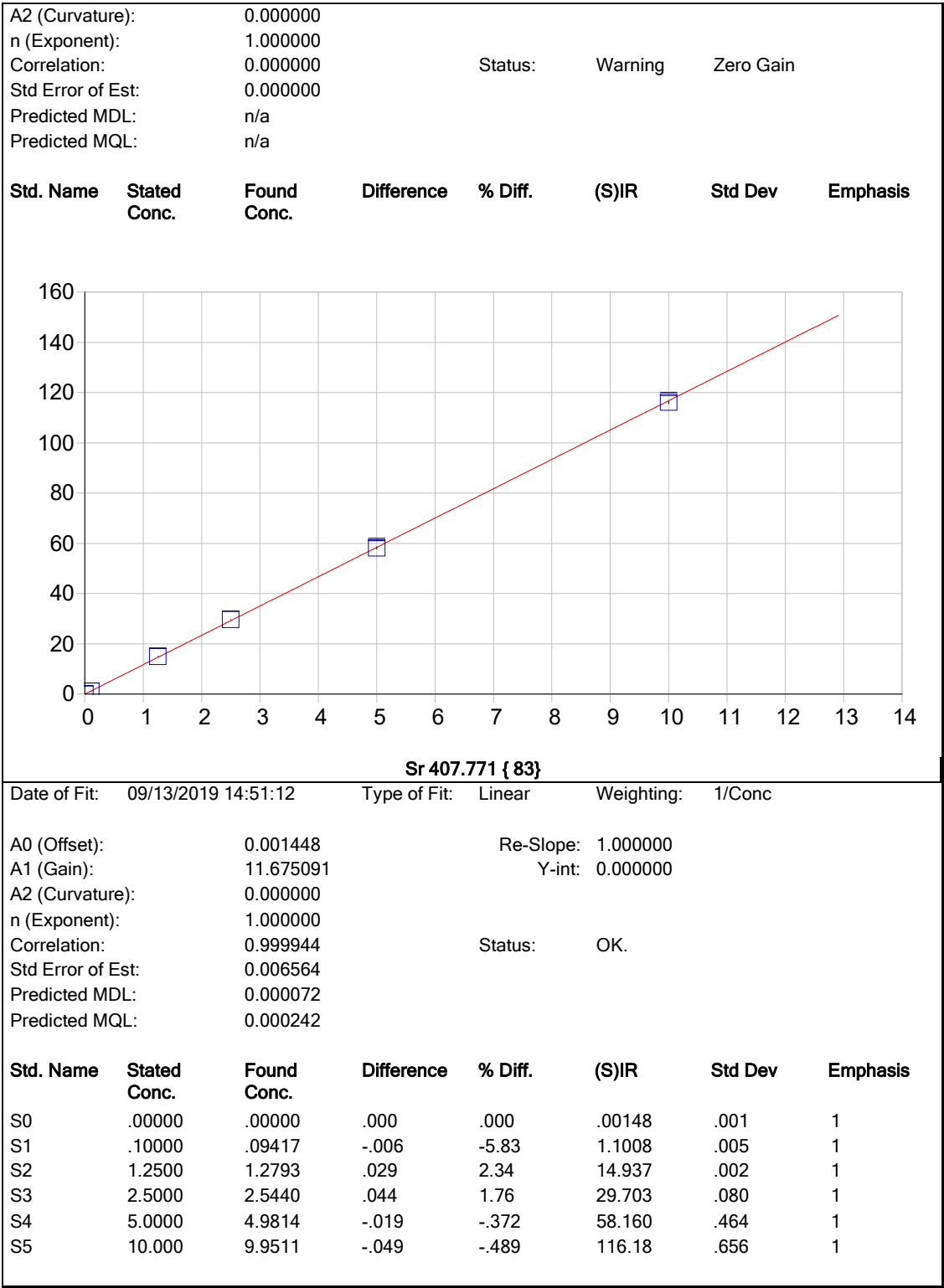




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a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

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

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



Sample Name: S0 Acquired: 09/13/2019 13:47:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.00002	-.00061	.00074	.00073	.00047	.00764	-.00126	-.00099
Stddev	.00004	.00011	.00037	.00008	.00020	.00064	.00203	.00037
%RSD	246.65	18.716	49.553	10.803	43.557	8.3607	161.02	37.620

#1	-.00003	-.00072	.00059	.00064	.00070	.00759	.00069	-.00069
#2	.00006	-.00049	.00116	.00077	.00031	.00702	-.00110	-.00140
#3	.00003	-.00060	.00047	.00078	.00039	.00830	-.00336	-.00086

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	.00161	.00125	.00001	.00011	.00245	.00025	.00038	-.00024
Stddev	.00021	.00043	.00007	.00032	.00024	.00027	.00026	.00021
%RSD	13.003	34.216	506.76	299.65	9.6297	108.14	69.946	87.647

#1	.00184	.00076	-.00002	.00009	.00220	.00007	.00026	-.00001
#2	.00143	.00153	-.00003	.00043	.00246	.00057	.00020	-.00043
#3	.00156	.00146	.00009	-.00020	.00267	.00012	.00068	-.00029

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	-.00220	-.00190	-.00231	.00033	.00199	.01920	-.00103	-.00001
Stddev	.00019	.00018	.00143	.00007	.00041	.00199	.00005	.00042
%RSD	8.4677	9.7484	61.902	21.609	20.611	10.343	5.1959	6736.0

#1	-.00241	-.00184	-.00396	.00038	.00171	.01863	-.00101	.00022
#2	-.00207	-.00174	-.00160	.00025	.00246	.02141	-.00110	.00025
#3	-.00210	-.00210	-.00138	.00035	.00179	.01756	-.00100	-.00049

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	-.00013	.00027	.00297	.00017	.00196	.00800	.00148	
Stddev	.00024	.00012	.00050	.00017	.00037	.00148	.00093	
%RSD	186.13	42.870	16.789	96.600	18.963	18.501	63.086	

#1	-.00026	.00016	.00260	-.00002	.00153	.00961	.00061	
#2	.00015	.00026	.00353	.00027	.00215	.00769	.00137	
#3	-.00027	.00039	.00277	.00027	.00220	.00670	.00246	

Sample Name: S0 Acquired: 09/13/2019 13:47:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1390.7	2534.0	41064.	8222.5	2689.4
Stddev	7.3	9.8	162.	24.8	14.1
%RSD	.52593	.38540	.39363	.30102	.52554
#1	1382.4	2529.1	40921.	8249.0	2682.2
#2	1396.1	2545.3	41239.	8200.0	2705.7
#3	1393.6	2527.7	41032.	8218.6	2680.4

Sample Name: S1 Acquired: 09/13/2019 13:51:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.00044	.00122	.00343	.00305	.00847	.02937	.58963	.02615
Stddev	.00004	.00006	.00030	.00013	.00018	.00096	.00462	.00021
%RSD	8.5826	5.3265	8.6260	4.1961	2.1502	3.2558	.78372	.78795

#1	.00048	.00127	.00309	.00319	.00851	.02827	.59383	.02609
#2	.00043	.00124	.00358	.00294	.00827	.02999	.58468	.02598
#3	.00040	.00114	.00362	.00302	.00862	.02985	.59039	.02638

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	.02414	.37716	.00161	.05812	.00753	.00564	.01443	.08715
Stddev	.00071	.00364	.00004	.00010	.00040	.00014	.00018	.00071
%RSD	2.9499	.96423	2.3311	.18018	5.3513	2.5445	1.2212	.81984

#1	.02434	.38000	.00159	.05801	.00733	.00562	.01456	.08774
#2	.02474	.37306	.00159	.05821	.00728	.00579	.01423	.08636
#3	.02336	.37843	.00165	.05814	.00800	.00551	.01450	.08736

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	.02552	.00193	.02845	.00711	.04282	.10265	-.00076	.00465
Stddev	.00015	.00013	.00070	.00037	.00142	.00039	.00007	.00019
%RSD	.57413	6.5499	2.4566	5.2258	3.3210	.37784	9.2502	4.0419

#1	.02542	.00181	.02805	.00746	.04323	.10284	-.00081	.00444
#2	.02569	.00193	.02925	.00672	.04400	.10290	-.00080	.00468
#3	.02546	.00206	.02803	.00714	.04124	.10220	-.00068	.00481

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	.00842	.00382	.03871	.00132	.05767	.05485	1.1008	
Stddev	.00037	.00016	.00030	.00007	.00077	.00163	.0050	
%RSD	4.4418	4.1470	.78552	5.4910	1.3380	2.9793	.45035	

#1	.00882	.00368	.03892	.00125	.05815	.05659	1.1063	
#2	.00838	.00378	.03836	.00139	.05678	.05462	1.0995	
#3	.00807	.00399	.03884	.00130	.05808	.05335	1.0967	

Sample Name: S1 Acquired: 09/13/2019 13:51:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1387.4	2561.1	41120.	8205.3	2729.1
Stddev	1.6	5.5	219.	125.3	2.3
%RSD	.11707	.21561	.53342	1.5273	.08303
#1	1386.4	2556.2	41063.	8088.4	2727.1
#2	1386.7	2560.0	40934.	8337.6	2728.7
#3	1389.3	2567.1	41362.	8189.8	2731.6

Sample Name: S2 Acquired: 09/13/2019 13:56:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.05589	.08782	1.8251	.09261	.17393	4.3942	7.8019	.72899
Stddev	.00020	.00019	.0024	.00025	.00071	.0046	.0292	.00533
%RSD	.35937	.22086	.12922	.26919	.40937	.10372	.37474	.73077

#1	.05611	.08793	1.8279	.09268	.17474	4.3961	7.7763	.73446
#2	.05571	.08760	1.8239	.09233	.17363	4.3976	7.8337	.72869
#3	.05586	.08794	1.8237	.09281	.17342	4.3890	7.7956	.72381

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	3.0290	4.8803	.63644	.77332	.69345	2.0623	3.4424	1.1282
Stddev	.0046	.0207	.00099	.00127	.00114	.0074	.0112	.0009
%RSD	.15124	.42372	.15620	.16410	.16374	.36032	.32550	.08187

#1	3.0325	4.8584	.63545	.77327	.69453	2.0595	3.4301	1.1279
#2	3.0239	4.8995	.63744	.77207	.69355	2.0707	3.4521	1.1292
#3	3.0307	4.8829	.63644	.77461	.69226	2.0567	3.4448	1.1275

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	.44242	.11993	.23624	.08353	2.6686	.69735	.05501	.56431
Stddev	.00040	.00046	.00232	.00052	.0224	.00186	.00019	.00238
%RSD	.09123	.38066	.98326	.62607	.84048	.26727	.33710	.42261

#1	.44234	.11943	.23548	.08413	2.6598	.69861	.05505	.56652
#2	.44206	.12033	.23885	.08326	2.6518	.69822	.05480	.56462
#3	.44286	.12002	.23440	.08319	2.6941	.69521	.05517	.56178

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	1.0957	.05182	.53430	.20126	.77361	1.3385	14.937
Stddev	.0014	.00028	.00411	.00072	.00147	.0034	.002
%RSD	.13098	.53456	.76855	.35888	.19014	.25183	.01103

#1	1.0963	.05214	.53692	.20125	.77334	1.3352	14.939
#2	1.0968	.05171	.53642	.20055	.77519	1.3419	14.936
#3	1.0941	.05162	.52957	.20199	.77229	1.3385	14.936

Sample Name: S2 Acquired: 09/13/2019 13:56:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1329.3	2478.0	39956.	8104.8	2533.7
Stddev	6.9	.9	301.	11.4	1.2
%RSD	.52235	.03623	.75353	.14112	.04867
#1	1332.2	2479.0	40282.	8111.7	2534.9
#2	1334.3	2477.3	39896.	8091.6	2533.9
#3	1321.4	2477.8	39689.	8111.1	2532.5

Sample Name: S3 Acquired: 09/13/2019 13:59:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.11256	.17198	3.6442	.18014	.34408	8.6749	15.448	1.4266
Stddev	.00099	.00034	.0079	.00022	.00113	.0434	.072	.0194
%RSD	.87535	.19628	.21581	.12313	.32823	.49970	.46824	1.3602

#1	.11249	.17206	3.6373	.18013	.34464	8.7249	15.513	1.4490
#2	.11162	.17161	3.6426	.17992	.34278	8.6527	15.460	1.4158
#3	.11358	.17227	3.6528	.18037	.34483	8.6472	15.370	1.4151

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9655	9.6585	1.2666	1.5412	1.3631	4.0132	6.7647	2.2246
Stddev	.0100	.0394	.0075	.0025	.0008	.0128	.0039	.0069
%RSD	.16762	.40763	.59062	.16207	.05688	.31890	.05689	.30879

#1	5.9588	9.6962	1.2646	1.5389	1.3632	4.0279	6.7686	2.2325
#2	5.9607	9.6617	1.2602	1.5409	1.3638	4.0074	6.7609	2.2209
#3	5.9770	9.6177	1.2748	1.5439	1.3623	4.0044	6.7647	2.2203

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	.87567	.24421	.46568	.16381	5.3444	1.4000	.11259	1.1291
Stddev	.00159	.00147	.00325	.00018	.0753	.0027	.00028	.0151
%RSD	.18208	.60180	.69861	.11256	1.4093	.19080	.24605	1.3393

#1	.87524	.24258	.46921	.16366	5.2587	1.3992	.11257	1.1461
#2	.87434	.24462	.46505	.16401	5.4000	1.4030	.11232	1.1170
#3	.87744	.24544	.46279	.16375	5.3745	1.3978	.11287	1.1243

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	2.1694	.10459	1.0299	.39900	1.5434	2.6666	29.703
Stddev	.0078	.00063	.0124	.00154	.0033	.0311	.080
%RSD	.35840	.60637	1.2025	.38577	.21471	1.1676	.27067

#1	2.1683	.10440	1.0428	.39804	1.5397	2.6985	29.763
#2	2.1621	.10408	1.0181	.39819	1.5442	2.6652	29.735
#3	2.1776	.10530	1.0289	.40078	1.5462	2.6362	29.612

Sample Name: S3 Acquired: 09/13/2019 13:59:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1276.5	2397.2	38589.	7944.8	2421.9
Stddev	17.5	4.1	305.	69.2	.2
%RSD	1.3689	.17122	.78976	.87160	.00761
#1	1289.3	2393.7	38909.	7880.5	2422.1
#2	1256.6	2401.7	38302.	7936.0	2421.8
#3	1283.8	2396.1	38555.	8018.1	2421.8

Sample Name: S4 Acquired: 09/13/2019 14:03:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.23221	.34090	7.3744	.35969	.70538	17.659	30.585	2.8031
Stddev	.00059	.00107	.0077	.00151	.00074	.171	.315	.0259
%RSD	.25597	.31470	.10470	.41893	.10541	.96611	1.0300	.92351

#1	.23289	.34128	7.3824	.35976	.70531	17.517	30.641	2.7761
#2	.23178	.34173	7.3670	.35815	.70467	17.849	30.868	2.8277
#3	.23197	.33968	7.3737	.36116	.70615	17.612	30.245	2.8054

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	11.921	19.281	2.4841	3.1002	2.7090	7.9493	13.413	4.5029
Stddev	.008	.156	.0063	.0029	.0051	.0670	.084	.0451
%RSD	.06837	.80702	.25338	.09366	.18731	.84309	.62290	1.0015

#1	11.912	19.145	2.4906	3.1016	2.7055	7.8884	13.339	4.4623
#2	11.924	19.451	2.4780	3.1022	2.7148	8.0211	13.504	4.5514
#3	11.928	19.246	2.4838	3.0969	2.7066	7.9383	13.398	4.4952

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	1.7556	.49363	.94372	.32594	11.117	2.8435	.23252	2.2209
Stddev	.0026	.00208	.00928	.00240	.012	.0034	.00080	.0181
%RSD	.14721	.42055	.98328	.73724	.11233	.12034	.34211	.81587

#1	1.7526	.49601	.93756	.32325	11.122	2.8471	.23343	2.2003
#2	1.7575	.49221	.95440	.32787	11.103	2.8431	.23197	2.2343
#3	1.7566	.49268	.93922	.32670	11.127	2.8402	.23215	2.2282

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4369	.21824	1.9684	.81166	3.0759	5.4944	58.160
Stddev	.0068	.00062	.0186	.00159	.0118	.0799	.464
%RSD	.15227	.28520	.94572	.19577	.38511	1.4540	.79747

#1	4.4337	.21889	1.9473	.81203	3.0705	5.4240	58.646
#2	4.4323	.21819	1.9825	.80992	3.0895	5.5812	58.111
#3	4.4447	.21765	1.9754	.81304	3.0677	5.4780	57.722

Sample Name: S4 Acquired: 09/13/2019 14:03:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1195.1	2247.9	37669.	7851.5	2276.3
Stddev	3.9	2.9	248.	54.8	1.9
%RSD	.32297	.13114	.65881	.69745	.08471
#1	1192.9	2244.9	37407.	7895.5	2274.4
#2	1192.7	2250.8	37701.	7790.2	2276.4
#3	1199.5	2247.8	37900.	7868.9	2278.2

Sample Name: S5 Acquired: 09/13/2019 14:07:49 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.49125	.66373	14.742	.74071	1.5007	35.983	61.315	5.5368
Stddev	.00142	.00200	.014	.00313	.0033	.272	.639	.0237
%RSD	.28874	.30121	.09505	.42280	.22134	.75590	1.0422	.42844

#1	.49265	.66595	14.732	.74317	1.5016	35.764	60.617	5.5140
#2	.49129	.66209	14.737	.74179	1.5035	36.287	61.459	5.5613
#3	.48982	.66313	14.758	.73719	1.4970	35.897	61.870	5.5350

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	23.548	38.234	4.8227	6.1694	5.4349	15.640	26.297	9.0704
Stddev	.029	.225	.0240	.0124	.0150	.116	.175	.0685
%RSD	.12274	.58733	.49746	.20125	.27512	.74440	.66566	.75480

#1	23.535	38.156	4.8502	6.1560	5.4203	15.585	26.239	9.0363
#2	23.528	38.488	4.8117	6.1719	5.4502	15.773	26.494	9.1492
#3	23.581	38.060	4.8062	6.1805	5.4342	15.560	26.159	9.0257

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	3.4775	1.0029	1.9171	.64300	24.224	5.8588	.47725	4.3205
Stddev	.0039	.0031	.0077	.00386	.092	.0303	.00121	.0174
%RSD	.11166	.30866	.40293	.59980	.37899	.51672	.25403	.40365

#1	3.4734	1.0062	1.9115	.64110	24.131	5.8249	.47850	4.3179
#2	3.4779	1.0000	1.9259	.64743	24.224	5.8832	.47608	4.3391
#3	3.4811	1.0023	1.9139	.64045	24.315	5.8683	.47716	4.3045

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.3541	.45165	3.8085	1.6411	6.1255	11.518	116.18
Stddev	.0162	.00079	.0150	.0014	.0225	.097	.66
%RSD	.17310	.17549	.39290	.08822	.36743	.83786	.56430

#1	9.3703	.45248	3.8126	1.6406	6.1161	11.501	116.68
#2	9.3540	.45157	3.8210	1.6400	6.1511	11.622	116.42
#3	9.3379	.45090	3.7919	1.6427	6.1091	11.432	115.44

Sample Name: S5 Acquired: 09/13/2019 14:07:49 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	1036.8	2015.8	36104.	7656.7	2113.3
Stddev	8.4	8.2	42.	42.4	3.3
%RSD	.81416	.40619	.11526	.55338	.15460
#1	1044.4	2006.5	36106.	7701.2	2110.0
#2	1038.2	2019.0	36145.	7616.9	2116.6
#3	1027.7	2021.9	36061.	7652.1	2113.2

Sample Name: S6 Acquired: 09/13/2019 14:11:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	93.285	60.098	40.827	14.793	5.1939
Stddev	.142	.403	.114	.056	.0308
%RSD	.15202	.66978	.27954	.37535	.59369

#1	93.140	60.330	40.880	14.809	5.2248
#2	93.289	59.633	40.695	14.732	5.1632
#3	93.424	60.330	40.904	14.839	5.1938

Int. Std.	Y_3710
Units	Cts/S
Avg	7474.6
Stddev	45.5
%RSD	.60894

#1	7429.0
#2	7520.1
#3	7474.7

Sample Name: ICV Acquired: 09/13/2019 14:16:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.9005880	1.030882	.9540411	.9652409	.9314241	2.313657
Stddev	.0029384	.009382	.0028270	.0018420	.0017261	.027140
%RSD	.3262704	.9101062	.2963182	.1908325	.1853166	1.173047

#1	.8972156	1.037726	.9559417	.9638150	.9333896	2.338107
#2	.9019516	1.020187	.9507924	.9645871	.9307281	2.284454
#3	.9025968	1.034733	.9553893	.9673206	.9301547	2.318409

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047683	.4865861	.4861981	10.31280	.5102301	.4815948
Stddev	.0016558	.0034799	.0005891	.04409	.0007808	.0008165
%RSD	.3280307	.7151685	.1211556	.4275615	.1530374	.1695320

#1	.5064805	.4869916	.4860105	10.35296	.5110064	.4812152
#2	.5031754	.4829211	.4857257	10.26562	.5094448	.4810373
#3	.5046491	.4898454	.4868581	10.31983	.5102391	.4825320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4641811	5.327447	.4985646	5.949244	.4971069	.4796394
Stddev	.0032418	.045286	.0022867	.030668	.0010155	.0023727
%RSD	.6983936	.8500543	.4586618	.5154909	.2042761	.4946889

#1	.4605571	5.375744	.4988611	5.981273	.4959679	.4795845
#2	.4668050	5.285938	.4961441	5.920148	.4974351	.4772946
#3	.4651812	5.320659	.5006886	5.946311	.4979177	.4820391

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.728080	.5100342	.9781313	9.060720	F -.000846	F .0210129
Stddev	.219971	.0034960	.0034440	.042712	.000601	.0009643
%RSD	2.261200	.6854444	.3520972	.4713968	71.06265	4.589323

#1	9.892134	.5140533	.9747718	9.023537	-.000622	.0218362
#2	9.478118	.5076968	.9816539	9.051251	-.000389	.0199519
#3	9.813988	.5083527	.9779683	9.107372	-.001527	.0212505

Sample Name: ICV Acquired: 09/13/2019 14:16:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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 .0002780	F .0035840	F .0088387	F .0020646	F -.001028	F .0076225
Stddev	.0001747	.0032045	.0012496	.0009275	.001067	.0012836
%RSD	62.85892	89.41228	14.13793	44.92390	103.7721	16.83916
#1	.0004518	.0023585	.0102453	.0016447	-.001130	.0089329
#2	.0001024	.0072204	.0084139	.0014213	-.002041	.0075670
#3	.0002796	.0011731	.0078568	.0031278	.000086	.0063676

Elem	Sr4077
Units	ppm
Avg	F .0111613
Stddev	.0000758
%RSD	.6789992
#1	.0111364
#2	.0112464
#3	.0111012

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.675	2600.558	40922.40	8123.961	2742.153
Stddev	10.274	1.216	164.00	14.978	3.174
%RSD	.7345198	.0467583	.4007637	.1843644	.1157350
#1	1399.387	2599.642	40877.22	8107.364	2742.094
#2	1388.064	2600.095	40785.72	8136.470	2739.009
#3	1408.574	2601.937	41104.25	8128.049	2745.355

Sample Name: ICB Acquired: 09/13/2019 14:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	-.001727	.0018555	-.001068	-.000717	-.000777	.0055376	.0004797
Stddev	.001546	.0012182	.000489	.001145	.002548	.0056189	.0006256
%RSD	89.53303	65.65454	45.78095	159.6770	327.6919	101.4694	130.4056

#1	-.003512	.0008878	-.000801	-.001925	.001734	.0067274	.0001382
#2	-.000882	.0032235	-.001632	-.000578	-.000706	-.000581	.0000992
#3	-.000788	.0014552	-.000771	.000352	-.003360	.010466	.0012018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0000112	-.000874	.0000484	.0001428	.0030374	.0023118
Stddev	.000061	.0000156	.011863	.0002048	.0001383	.0044806	.0066146
%RSD	190.7930	140.0571	1357.076	423.5304	96.88643	147.5140	286.1314

#1	-.000084	-.000003	-.007868	.0001620	.0002975	.0002004	.0052192
#2	.000035	.000028	.012823	-.000188	.0001000	.0082029	.0069747
#3	-.000046	.000009	-.007578	.000171	.0000309	.0007090	-.005259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002187	.0035301	-.000212	.0002178	.1224868	-.001207	-.001886
Stddev	.0003935	.0126303	.000386	.0002457	.0907734	.002900	.000333
%RSD	179.9565	357.7898	182.0801	112.7994	74.10875	240.2174	17.67725

#1	.0001746	.0167889	-.000277	.0004601	.0461201	.002100	-.002120
#2	.0006324	.0021616	-.000562	-.000031	.2228466	-.002403	-.001504
#3	-.000151	-.008360	.000203	.000225	.0984938	-.003318	-.002035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578548	-.001397	.0088760	-.000112	-.002810	.0016995	.0030190
Stddev	.0096070	.000379	.0001910	.000226	.001766	.0003157	.0005006
%RSD	16.60535	27.16471	2.151500	201.6388	62.85344	18.57791	16.58031

#1	.0479756	-.001287	.0089599	-.000246	-.001183	.0014507	.0026458
#2	.0671642	-.001084	.0090107	.000149	-.002559	.0020547	.0028234
#3	.0584245	-.001819	.0086575	-.000239	-.004689	.0015931	.0035879

Sample Name: ICB Acquired: 09/13/2019 14:20:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.0000589	.0057340	.0001154
Stddev	.0003596	.0004567	.0000620
%RSD	610.9771	7.964738	53.69960

#1	.0000409	.0055467	.0001483
#2	.0004271	.0062545	.0001540
#3	-.000291	.0054007	.0000439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.556	2607.231	40909.97	8119.775	2743.959
Stddev	7.251	1.371	243.91	85.023	3.950
%RSD	.5187994	.0525907	.5962206	1.047114	.1439573

#1	1390.176	2608.475	40630.57	8169.325	2747.950
#2	1397.821	2607.456	41018.98	8021.600	2743.875
#3	1404.669	2605.761	41080.38	8168.400	2740.051

Sample Name: ICSA Acquired: 09/13/2019 14:33:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	-.000352	.0012081	-.007651	.0027910	.0010031	234.0134
Stddev	.004620	.0065040	.001132	.0048756	.0015325	.3693
%RSD	1310.889	538.3477	14.79546	174.6890	152.7719	.1578104

#1	.001141	.0036068	-.006986	.0071669	-.000729	233.9275
#2	.003337	-.006155	-.008958	.0036708	.001558	234.4181
#3	-.005535	.006172	-.007009	-.002465	.002181	233.6946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057991	.0011355	-.000696	249.3754	.0521517	.0010285
Stddev	.0006444	.0001033	.000032	.8073	.0004409	.0002958
%RSD	11.11123	9.096803	4.620335	.3237453	.8454367	28.76503

#1	.0065305	.0010987	-.000694	250.0791	.0522864	.0009546
#2	.0053152	.0010556	-.000729	249.5532	.0525096	.0013543
#3	.0055515	.0012521	-.000664	248.4940	.0516592	.0007766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002803	101.0411	.0120319	252.8614	.0041266	-.007296
Stddev	.001043	.3385	.0005939	.5311	.0008430	.000265
%RSD	37.19808	.3350000	4.936485	.2100543	20.42923	3.633393

#1	-.002552	101.4045	.0125823	253.3898	.0031535	-.007079
#2	-.003948	100.9838	.0114024	252.8669	.0045921	-.007591
#3	-.001909	100.7349	.0121111	252.3276	.0046343	-.007218

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.382336	.0043863	.0003421	-.024923	.0061499	F .1365774
Stddev	.205318	.0020661	.0015734	.061255	.0037210	.0006574
%RSD	53.70081	47.10325	459.9338	245.7763	60.50569	.4812996

#1	-.435798	.0065258	.0016213	-.003507	.0044103	.1361321
#2	-.555635	.0024025	.0008199	.022749	.0104220	.1362677
#3	-.155576	.0042305	-.001415	-.094011	.0036172	.1373323

Sample Name: ICSA Acquired: 09/13/2019 14:33:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.0001592	F .0006978	F -.000700	-.000606	F -.000876	W .0019951
Stddev	.0003310	.0043697	.000382	.000817	.001147	.0015986
%RSD	207.9488	626.2055	54.57034	134.8289	131.0224	80.12548

#1	.0004985	-.002519	-.000826	.000213	-.000429	.0036103
#2	.0001418	-.001060	-.000271	-.001421	-.000019	.0004136
#3	-.000163	.005673	-.001003	-.000611	-.002179	.0019615

Elem	Sr4077
Units	ppm
Avg	F .0968480
Stddev	.0001262
%RSD	.1302962

#1	.0969829
#2	.0967328
#3	.0968282

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.740	2392.701	38263.13	7807.842	2359.153
Stddev	6.583	1.004	55.01	41.461	3.079
%RSD	.5088225	.0419729	.1437598	.5310228	.1305296

#1	1289.038	2393.141	38303.01	7782.943	2362.708
#2	1301.263	2391.552	38200.37	7784.877	2357.454
#3	1290.918	2393.410	38286.00	7855.704	2357.298

Sample Name: ICSAB Acquired: 09/13/2019 14:38:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.0874551	.1071256	.0404481	.0508997	.5603330	228.4162
Stddev	.0018593	.0029973	.0014873	.0030485	.0022214	.8558
%RSD	2.125948	2.797949	3.677024	5.989266	.3964469	.3746551

#1	.0876044	.1093732	.0402086	.0522174	.5583771	227.4817
#2	.0855257	.1082812	.0420406	.0530677	.5598738	228.6052
#3	.0892352	.1037225	.0390951	.0474139	.5627482	229.1617

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5076157	.4873347	.9775288	243.0876	.5527620	.4848998
Stddev	.0032653	.0025819	.0010684	1.4436	.0006115	.0010535
%RSD	.6432678	.5298081	.1092957	.5938603	.1106285	.2172558

#1	.5055986	.4872615	.9778824	241.7771	.5525534	.4839355
#2	.5058655	.4847901	.9763284	242.8506	.5522821	.4847398
#3	.5113830	.4899525	.9783755	244.6350	.5534506	.4860241

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4421105	98.61452	.4898531	246.7976	.9834116	.1896465
Stddev	.0020207	.51954	.0019030	1.1532	.0030733	.0014210
%RSD	.4570607	.5268349	.3884837	.4672750	.3125141	.7492993

#1	.4399840	98.14953	.4881560	245.6057	.9801804	.1880567
#2	.4440054	98.51876	.4894928	246.8793	.9837564	.1900898
#3	.4423421	99.17527	.4919105	247.9078	.9862979	.1907930

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193784	.4937203	.9806082	-.128569	.0052217	F .1333384
Stddev	.202160	.0007638	.0045757	.084202	.0055982	.0001161
%RSD	104.3225	.1547091	.4666218	65.49202	107.2115	.0870917

#1	-.023449	.4943902	.9836742	-.176503	-.001239	.1333387
#2	-.417184	.4938823	.9828017	-.031344	.008270	.1332222
#3	-.140720	.4928885	.9753486	-.177860	.008634	.1334545

Sample Name: ICSAB Acquired: 09/13/2019 14:38:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) 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	.0003273	F -.000070	F -.000820	.0009502	F -.001759	W .0024093
Stddev	.0002543	.003323	.000902	.0010113	.000628	.0007492
%RSD	77.68273	4739.921	109.9970	106.4289	35.69993	31.09752

#1	.0000402	-.001526	-.001856	.0011240	-.001467	.0018571
#2	.0005242	-.002416	-.000202	-.000137	-.002480	.0032621
#3	.0004176	.003732	-.000403	.001863	-.001330	.0021086

Elem	Sr4077
Units	ppm
Avg	F .0949495
Stddev	.0003156
%RSD	.3323491

#1	.0946608
#2	.0949011
#3	.0952864

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.766	2414.075	38719.55	7918.017	2384.729
Stddev	8.354	1.851	337.25	36.482	2.878
%RSD	.6397395	.0766710	.8709988	.4607501	.1206647

#1	1309.461	2415.513	39012.89	7957.934	2384.831
#2	1296.202	2411.987	38351.07	7909.717	2381.802
#3	1311.635	2414.726	38794.69	7886.400	2387.554

Sample Name: CCB064 Acquired: 09/13/2019 14:46:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001720	.0035996	-.002139	.0003883	.0001147	.0175644	.0010095
Stddev	.001370	.0010406	.001371	.0013208	.0001089	.0037247	.0003617
%RSD	79.64120	28.90932	64.11584	340.1783	94.91828	21.20576	35.82418

#1	-.001048	.0033098	-.003587	.0016438	.0002335	.0148955	.0007964
#2	-.000817	.0027346	-.000860	.0005105	.0000913	.0218196	.0008051
#3	-.003297	.0047544	-.001969	-.000989	.0000195	.0159781	.0014271

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	.0000183	.0155144	-.000151	.0003545	.0025759	.0209241
Stddev	.000046	.0000348	.0048895	.000515	.0000721	.0033141	.0036362
%RSD	154.0709	190.1923	31.51584	341.7474	20.33831	128.6609	17.37789

#1	-.000000	-.000003	.0203092	-.000169	.0002714	.0002840	.0235764
#2	-.000083	-.000001	.0105354	-.000657	.0003923	.0063758	.0224167
#3	-.000006	.000058	.0156987	.000374	.0003999	.0010677	.0167791

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009566	.0208134	.0001625	-.000116	-.082066	-.000133	-.001259
Stddev	.0000439	.0100332	.0008557	.000084	.078970	.002686	.000788
%RSD	4.587782	48.20558	526.4236	72.77852	96.22817	2018.791	62.57813

#1	.0010044	.0098413	.0011378	-.000103	.008617	.001974	-.001846
#2	.0009470	.0295205	-.000463	-.000039	-.135702	-.003157	-.000364
#3	.0009182	.0230785	-.000187	-.000206	-.119112	.000784	-.001567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230640	-.001756	.0143907	.0004992	-.005184	.0012247	.0031897
Stddev	.0905118	.002084	.0005483	.0003983	.002529	.0007931	.0006522
%RSD	73.54858	118.6984	3.810384	79.77470	48.77857	64.75600	20.44817

#1	.0276323	-.004107	.0149948	.0009469	-.002739	.0012168	.0038510
#2	.2076849	-.000138	.0142530	.0001841	-.007788	.0020217	.0031711
#3	.1338748	-.001022	.0139243	.0003668	-.005025	.0004356	.0025469

Sample Name: CCB064 Acquired: 09/13/2019 14:46:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000342	.0053847	.0002746
Stddev	.000763	.0015091	.0000613
%RSD	222.8206	28.02654	22.32575

#1	-.000965	.0055486	.0003136
#2	.000509	.0038002	.0002040
#3	-.000571	.0068051	.0003064

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.059	2602.097	41070.53	8065.133	2744.282
Stddev	11.869	3.454	426.61	43.474	9.033
%RSD	.8459196	.1327486	1.038724	.5390319	.3291459

#1	1394.648	2598.743	41275.43	8015.050	2733.893
#2	1397.894	2601.904	40580.13	8087.225	2750.275
#3	1416.635	2605.643	41356.03	8093.125	2748.679

Sample Name: CCV064 Acquired: 09/13/2019 14:41:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823098	4.885557	24.73961	4.787323	4.861745	405.5668	10.09404
Stddev	.015517	.018392	.05840	.013651	.013564	.5556	.07699
%RSD	.3217144	.3764627	.2360400	.2851466	.2789864	.1369907	.7627599

#1	4.806072	4.874205	24.71300	4.772590	4.853047	404.9554	10.01971
#2	4.826777	4.875689	24.69925	4.789839	4.854814	406.0409	10.08896
#3	4.836444	4.906778	24.80657	4.799542	4.877373	405.7040	10.17345

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5119432	2.490584	408.6054	15.35748	2.517141	14.96821	411.6147
Stddev	.0009558	.005766	1.1866	.01102	.004986	.02597	1.0533
%RSD	.1867079	.2315150	.2903978	.0717484	.1980991	.1734827	.2559041

#1	.5112397	2.487081	408.3178	15.35015	2.513271	14.97766	412.2003
#2	.5130315	2.487431	407.5890	15.37016	2.515383	14.98813	410.3987
#3	.5115584	2.497239	409.9093	15.35214	2.522768	14.93884	412.2450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88042	404.1099	2.525378	1.244297	403.6962	2.494689	14.91043
Stddev	.04127	.9144	.006678	.004013	1.0187	.004910	.07979
%RSD	.2773301	.2262854	.2644181	.3225401	.2523365	.1968131	.5351586

#1	14.87158	404.1753	2.521254	1.241489	403.2579	2.495283	14.99919
#2	14.84429	403.1644	2.521798	1.242508	402.9700	2.489510	14.84464
#3	14.92539	404.9898	2.533083	1.248893	404.8606	2.499275	14.88746

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7199	5.028215	5.391915	4.865973	5.038850	4.913624	5.046829
Stddev	.4483	.004626	.020901	.010842	.015174	.015379	.011844
%RSD	.2916332	.0920046	.3876407	.2228060	.3011491	.3129852	.2346841

#1	153.6593	5.029268	5.369850	4.865849	5.025855	4.896021	5.034121
#2	154.1954	5.023153	5.394477	4.855194	5.035168	4.924455	5.048805
#3	153.3050	5.032224	5.411417	4.876876	5.055526	4.920395	5.057561

Sample Name: CCV064 Acquired: 09/13/2019 14:41:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV064 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.987782	5.159982	5.059101
Stddev	.012185	.039046	.016744
%RSD	.2443054	.7567061	.3309586

#1	4.974989	5.166900	5.048612
#2	4.999251	5.117940	5.050282
#3	4.989107	5.195107	5.078411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1146.526	2161.662	36594.47	7640.030	2149.081
Stddev	8.993	6.711	166.47	20.097	6.703
%RSD	.7843757	.3104611	.4548914	.2630544	.3118812

#1	1136.171	2161.762	36459.97	7617.838	2150.323
#2	1152.388	2168.323	36780.64	7657.003	2155.076
#3	1151.018	2154.901	36542.80	7645.248	2141.845

Sample Name: K4733-20 Acquired: 09/13/2019 15:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6617941	.0241368	16.98340	.0016202	.0130068	52.88542
Stddev	.0026144	.0044118	.05403	.0016301	.0012946	.03812
%RSD	.3950491	18.27826	.3181633	100.6124	9.953416	.0720817

#1	.6599479	.0268261	16.97327	-.000233	.0144788	52.86004
#2	.6647858	.0265391	16.93514	.002260	.0124966	52.92926
#3	.6606488	.0190452	17.04178	.002833	.0120449	52.86697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.631217	.0074675	.0550456	15.85428	.0577919	.0616174
Stddev	.001444	.0001079	.0001628	.00852	.0005946	.0003579
%RSD	.0885085	1.444446	.2958203	.0537132	1.028776	.5808418

#1	1.631283	.0075770	.0551550	15.85098	.0571430	.0618380
#2	1.629742	.0073614	.0548585	15.84790	.0583105	.0612044
#3	1.632627	.0074642	.0551234	15.86395	.0579221	.0618097

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.306997	114.4443	F 34.23434	13.49689	.0597043	.1075622
Stddev	.004417	.0403	.05595	.03135	.0005374	.0005759
%RSD	.3379722	.0351746	.1634332	.2322587	.9000963	.5354187

#1	1.302572	114.4003	34.23020	13.46132	.0600563	.1078363
#2	1.307012	114.4536	34.18057	13.52050	.0599709	.1079498
#3	1.311406	114.4792	34.29224	13.50884	.0590857	.1069004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2974022	.3296757	6.109866	12.53325	5.207830	.1636998
Stddev	.1389681	.0013463	.107827	.06093	.027917	.0002472
%RSD	46.72731	.4083625	1.764807	.4861106	.5360615	.1510112

#1	.3265758	.3282581	6.025175	12.59913	5.197929	.1636281
#2	.1461633	.3298320	6.231251	12.52169	5.239348	.1639750
#3	.4194675	.3309370	6.073172	12.47893	5.186212	.1634964

Sample Name: K4733-20 Acquired: 09/13/2019 15:03:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1702692	2.545728	3.182022	.0161486	1.241090	.0418178
Stddev	.0001759	.026264	.041211	.0013877	.002202	.0013149
%RSD	.1032938	1.031694	1.295128	8.593243	.1774527	3.144267
#1	.1704514	2.548908	3.206954	.0169152	1.239863	.0420983
#2	.1701004	2.570258	3.134454	.0145467	1.239774	.0403854
#3	.1702558	2.518019	3.204658	.0169839	1.243632	.0429698

Elem	Sr4077
Units	ppm
Avg	.2020392
Stddev	.0002150
%RSD	.1064055
#1	.2022652
#2	.2018373
#3	.2020151

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.819	3680.584	58005.66	11727.27	2639.510
Stddev	19.867	7.340	235.71	57.43	3.300
%RSD	1.007012	.1994122	.4063647	.4897052	.1250199
#1	1986.961	3675.394	58129.99	11683.74	2636.752
#2	1950.106	3677.377	57733.81	11792.36	2643.166
#3	1981.389	3688.982	58153.18	11705.71	2638.613

Sample Name: K4733-21 Acquired: 09/13/2019 15:07:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6634200	.0242058	18.87039	-.000362	.0135097	50.07748
Stddev	.0043713	.0008052	.02828	.002109	.0008063	.04475
%RSD	.6589030	3.326255	.1498577	583.2881	5.967922	.0893595

#1	.6586784	.0240918	18.83786	-.002543	.0143434	50.10630
#2	.6672896	.0250619	18.88913	-.000209	.0134518	50.10021
#3	.6642920	.0234638	18.88417	.001667	.0127340	50.02593

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535876	.0072313	.0562761	15.50045	.0552731	.0605827
Stddev	.004219	.0000445	.0002033	.00930	.0003758	.0004789
%RSD	.2747004	.6160165	.3612706	.0599959	.6798215	.7905404

#1	1.536345	.0072583	.0560938	15.51111	.0553023	.0600896
#2	1.539841	.0071798	.0562391	15.49399	.0556334	.0606123
#3	1.531442	.0072556	.0564953	15.49624	.0548836	.0610461

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.290420	111.3193	F 35.64832	13.04558	.0582675	.1122762
Stddev	.005459	.1123	.23194	.01771	.0007085	.0012874
%RSD	.4230199	.1008886	.6506436	.1357403	1.215876	1.146599

#1	1.296032	111.3113	35.91273	13.05582	.0576823	.1112765
#2	1.285129	111.4353	35.55306	13.05578	.0590551	.1118233
#3	1.290099	111.2111	35.47917	13.02513	.0580650	.1137288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461867	.3254583	6.139744	11.93728	5.227311	.1584734
Stddev	.0646948	.0010295	.017281	.05224	.026895	.0006119
%RSD	140.0724	.3163298	.2814550	.4376599	.5145015	.3861211

#1	-.024464	.3252069	6.159462	11.87979	5.199412	.1579256
#2	.060493	.3265903	6.132538	11.95020	5.229447	.1591338
#3	.102531	.3245778	6.127233	11.98185	5.253073	.1583610

Sample Name: K4733-21 Acquired: 09/13/2019 15:07:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1642143	2.531112	3.236202	.0162718	1.180361	.0389150
Stddev	.0004508	.009256	.009294	.0004110	.003756	.0009690
%RSD	.2745003	.3656768	.2871961	2.525689	.3181678	2.489983
#1	.1638356	2.520646	3.244327	.0165460	1.184676	.0395353
#2	.1640944	2.534469	3.238211	.0164700	1.178574	.0394114
#3	.1647129	2.538220	3.226067	.0157992	1.177832	.0377984

Elem	Sr4077
Units	ppm
Avg	.1955368
Stddev	.0001645
%RSD	.0841356
#1	.1955620
#2	.1953612
#3	.1956873

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.938	3759.923	59040.50	11876.61	2657.380
Stddev	10.311	4.922	377.68	31.77	3.405
%RSD	.5086976	.1308941	.6396890	.2675380	.1281326
#1	2022.198	3762.232	59405.01	11855.84	2660.905
#2	2038.766	3763.266	59065.59	11913.19	2657.124
#3	2019.848	3754.272	58650.91	11860.81	2654.109

Sample Name: K4733-22 Acquired: 09/13/2019 15:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7124573	.1240138	16.73351	.0697190	.1553041	55.32619
Stddev	.0025048	.0045889	.04710	.0007531	.0016446	.10161
%RSD	.3515753	3.700353	.2814500	1.080178	1.058924	.1836479

#1	.7102540	.1199412	16.69456	.0702149	.1566384	55.41123
#2	.7119363	.1231143	16.72011	.0688524	.1558070	55.35367
#3	.7151817	.1289859	16.78585	.0700897	.1534668	55.21367

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.819762	.0824163	.1628613	15.83727	.3808677	1.154460
Stddev	.012697	.0004113	.0005548	.05098	.0024113	.002765
%RSD	.2634420	.4990449	.3406894	.3218951	.6331152	.2394889

#1	4.830653	.0827038	.1624775	15.88768	.3822631	1.151285
#2	4.822818	.0819452	.1626089	15.83840	.3780833	1.155757
#3	4.805816	.0826000	.1634975	15.78574	.3822566	1.156337

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.574427	115.4791	F 35.53559	13.49013	1.166313	.1823327
Stddev	.003752	.1883	.10652	.01572	.001504	.0006268
%RSD	.2382863	.1630894	.2997450	.1164931	.1289732	.3437782

#1	1.577444	115.6965	35.42099	13.49298	1.164625	.1824260
#2	1.575610	115.3742	35.63157	13.50423	1.166803	.1816644
#3	1.570226	115.3665	35.55420	13.47319	1.167511	.1829076

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2051380	1.119202	6.651503	12.38193	5.140648	.1632328
Stddev	.0499663	.002962	.050243	.03380	.021865	.0013810
%RSD	24.35743	.2646307	.7553699	.2729895	.4253336	.8460332

#1	.1665068	1.120173	6.611502	12.41152	5.117821	.1641672
#2	.1873408	1.121557	6.707895	12.38918	5.161403	.1616465
#3	.2615663	1.115877	6.635112	12.34510	5.142719	.1638847

Sample Name: K4733-22 Acquired: 09/13/2019 15:11:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1689118	2.525452	3.361527	.0161328	1.229826	.0413548
Stddev	.0000714	.002671	.024101	.0006399	.004179	.0011553
%RSD	.0422499	.1057776	.7169613	3.966647	.3397863	2.793556
#1	.1688342	2.522433	3.377659	.0157897	1.231334	.0416526
#2	.1689268	2.526415	3.333823	.0157376	1.233041	.0400797
#3	.1689745	2.527509	3.373100	.0168711	1.225102	.0423319

Elem	Sr4077
Units	ppm
Avg	.1990114
Stddev	.0003541
%RSD	.1779487
#1	.1994200
#2	.1988227
#3	.1987917

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.698	3670.467	57932.18	11546.20	2648.038
Stddev	14.255	3.427	127.51	18.11	4.653
%RSD	.7229921	.0933564	.2200958	.1568586	.1757294
#1	1986.072	3666.883	57922.82	11542.54	2652.512
#2	1957.565	3670.806	58064.11	11565.87	2648.377
#3	1971.457	3673.711	57809.61	11530.20	2643.224

Sample Name: K4733-20LX5 Acquired: 09/13/2019 15:15:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH5L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1822013	.0055714	3.654732	-.000590	.0022581	13.95005	.4312560
Stddev	.0021437	.0026858	.004787	.001846	.0005177	.03028	.0006298
%RSD	1.176556	48.20708	.1309774	312.9218	22.92752	.2170790	.1460489

#1	.1797419	.0049949	3.649669	.001260	.0025247	13.93214	.4306198
#2	.1831888	.0032206	3.655345	-.000596	.0016614	13.93301	.4312688
#3	.1836733	.0084986	3.659183	-.002433	.0025882	13.98502	.4318793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020760	.0113967	4.341148	.0179306	.0124069	.3585644	31.20767
Stddev	.0000408	.0000369	.029665	.0001250	.0002147	.0010893	.03560
%RSD	1.965092	.3237325	.6833520	.6970076	1.730511	.3038043	.1140808

#1	.0020669	.0113542	4.352224	.0179990	.0122554	.3585382	31.24799
#2	.0021206	.0114206	4.307538	.0180065	.0123127	.3574884	31.18056
#3	.0020406	.0114152	4.363682	.0177864	.0126526	.3596666	31.19447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.795462	3.661721	.0120635	.0296217	.0688773	.0905695	1.684014
Stddev	.023679	.020473	.0004974	.0004187	.2258879	.0020621	.017952
%RSD	.2417359	.5591136	4.122845	1.413455	327.9570	2.276834	1.066007

#1	9.822710	3.654442	.0123139	.0298582	-.191603	.0920711	1.701395
#2	9.783798	3.684839	.0114907	.0298687	.187383	.0882183	1.685105
#3	9.779877	3.645883	.0123858	.0291383	.210852	.0914191	1.665542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.137507	1.081705	.0451181	.0454130	.5186563	.9324852	.0043450
Stddev	.020317	.006494	.0007470	.0002291	.0077040	.0051913	.0003241
%RSD	.6475477	.6003755	1.655752	.5045066	1.485384	.5567162	7.459767

#1	3.114146	1.075679	.0445168	.0454125	.5248212	.9266335	.0039724
#2	3.151056	1.088583	.0448832	.0456424	.5100198	.9365372	.0045625
#3	3.147317	1.080851	.0459544	.0451842	.5211280	.9342849	.0044999

Sample Name: K4733-20LX5 Acquired: 09/13/2019 15:15:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3276718	.0117414	.0535572
Stddev	.0014098	.0012295	.0000644
%RSD	.4302578	10.47113	.1202628

#1	.3279962	.0112468	.0535902
#2	.3261281	.0131411	.0534830
#3	.3288912	.0108363	.0535984

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.468	2834.901	44481.83	8779.478	2712.088
Stddev	9.007	4.021	163.07	23.928	5.124
%RSD	.5915970	.1418419	.3665927	.2725415	.1889196

#1	1515.966	2833.206	44344.37	8801.382	2706.376
#2	1518.690	2832.006	44439.12	8753.942	2713.609
#3	1532.749	2839.493	44662.00	8783.109	2716.279

Sample Name: K4732-20 Acquired: 09/13/2019 15:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.390472	.1011101	F 598.4736	.0329601	.0886593	50.32552
Stddev	.007437	.0067523	2.4047	.0031026	.0009286	.10602
%RSD	.1693829	6.678218	.4018068	9.413109	1.047409	.2106626

#1	4.382076	.0963336	598.0484	.0364870	.0894246	50.33548
#2	4.393111	.0981613	601.0625	.0317412	.0889270	50.42620
#3	4.396230	.1088353	596.3098	.0306521	.0876262	50.21487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7554833	-.000115	.2359104	45.37135	.0207193	.0336836
Stddev	.0046525	.000010	.0001731	.22988	.0003768	.0001224
%RSD	.6158352	8.473446	.0733930	.5066688	1.818639	.3633234

#1	.7590079	-.000104	.2358119	45.50134	.0205700	.0336415
#2	.7572323	-.000120	.2358091	45.50680	.0204400	.0335878
#3	.7502098	-.000121	.2361104	45.10593	.0211478	.0338214

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09303	194.6874	F 159.0787	14.37027	.0468911	1.941168
Stddev	.03227	.5645	1.8804	.04892	.0006285	.015704
%RSD	.3197116	.2899581	1.182051	.3404104	1.340307	.8090056

#1	10.05770	195.1084	160.0935	14.42500	.0470260	1.951471
#2	10.10046	194.9080	160.2337	14.35501	.0474412	1.948940
#3	10.12094	194.0459	156.9090	14.33081	.0462062	1.923093

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.592349	.4936253	F 101.6252	12.78656	8.882791	.2798633
Stddev	.184986	.0024004	.3956	.05350	.021704	.0016958
%RSD	4.028135	.4862822	.3892874	.4184326	.2443361	.6059307

#1	4.611628	.4909040	101.4003	12.76769	8.876667	.2804989
#2	4.766940	.4954417	101.3933	12.74505	8.864807	.2779415
#3	4.398478	.4945303	102.0820	12.84694	8.906899	.2811494

Sample Name: K4732-20 Acquired: 09/13/2019 15:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9999119	F 116.9757	4.243086	.0480284	.9061861	.0390578
Stddev	.0013483	.1490	.030337	.0008089	.0021658	.0013974
%RSD	.1348439	.1273419	.7149768	1.684271	.2389984	3.577700
#1	1.000824	116.8755	4.277967	.0480410	.9036853	.0390102
#2	.998363	116.9047	4.228440	.0488310	.9074271	.0404784
#3	1.000549	117.1469	4.222850	.0472133	.9074459	.0376849

Elem	Sr4077
Units	ppm
Avg	.7257722
Stddev	.0019414
%RSD	.2675017
#1	.7238217
#2	.7257906
#3	.7277044

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.498	3429.720	53767.76	10768.67	2577.567
Stddev	10.046	1.077	150.82	91.97	4.442
%RSD	.5470406	.0313945	.2804970	.8540329	.1723279
#1	1825.492	3429.749	53912.06	10666.72	2582.056
#2	1845.175	3430.782	53611.18	10793.92	2573.173
#3	1838.827	3428.629	53780.05	10845.38	2577.472

Sample Name: K4732-21 Acquired: 09/13/2019 15:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.598154	.1053514	F 598.7031	.0343905	.0824006	49.89960
Stddev	.017043	.0022630	1.2237	.0035197	.0016740	.02899
%RSD	.3706583	2.148086	.2043913	10.23444	2.031547	.0581021

#1	4.580624	.1068302	597.7836	.0332080	.0815787	49.90429
#2	4.614665	.1064777	598.2337	.0383492	.0843267	49.92596
#3	4.599172	.1027462	600.0920	.0316144	.0812964	49.86855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7510979	-.000223	.2369332	44.56030	.0209218	.0337851
Stddev	.0037515	.000005	.0007942	.19681	.0002229	.0001273
%RSD	.4994698	2.064537	.3352082	.4416606	1.065459	.3766326

#1	.7492023	-.000226	.2361612	44.43870	.0210051	.0337397
#2	.7554190	-.000225	.2368905	44.78736	.0206693	.0336868
#3	.7486725	-.000218	.2377480	44.45485	.0210912	.0339288

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.62591	193.7982	F 156.7473	14.36745	.0470677	1.892145
Stddev	.02548	.3966	.4242	.03420	.0002744	.012556
%RSD	.2397495	.2046697	.2706157	.2380278	.5830419	.6635889

#1	10.65507	193.5124	157.1685	14.32826	.0469780	1.892130
#2	10.61472	194.2511	156.3202	14.39125	.0473757	1.904708
#3	10.60795	193.6311	156.7531	14.38284	.0468493	1.879596

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.573768	.4894435	F 101.1663	12.87165	8.889468	.2790820
Stddev	.137612	.0011191	.6159	.02516	.045991	.0010580
%RSD	3.008733	.2286559	.6087900	.1954705	.5173620	.3790834

#1	4.438818	.4907318	101.7272	12.90026	8.838054	.2789537
#2	4.713896	.4887111	100.5072	12.86171	8.903664	.2801982
#3	4.568590	.4888877	101.2645	12.85298	8.926688	.2780939

Sample Name: K4732-21 Acquired: 09/13/2019 15:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9989132	F 117.7053	4.292138	.0480601	.9047517	.0392983
Stddev	.0003490	.5913	.054490	.0019037	.0028673	.0010407
%RSD	.0349350	.5023608	1.269524	3.961035	.3169200	2.648150
#1	.9987055	117.0305	4.255988	.0496916	.9030829	.0404993
#2	.9993161	117.9526	4.354811	.0459685	.9080626	.0386632
#3	.9987180	118.1328	4.265614	.0485201	.9031096	.0387325

Elem	Sr4077
Units	ppm
Avg	.7310836
Stddev	.0021808
%RSD	.2982976
#1	.7334315
#2	.7291213
#3	.7306980

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.411	3437.135	54742.02	10900.24	2582.388
Stddev	19.552	5.350	274.24	32.87	9.447
%RSD	1.048706	.1556549	.5009765	.3015386	.3658147
#1	1847.381	3434.643	54426.33	10903.80	2585.024
#2	1885.762	3443.277	54878.34	10865.73	2590.237
#3	1860.088	3433.486	54921.39	10931.18	2571.903

Sample Name: K4732-22 Acquired: 09/13/2019 15:28:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FF5S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.476540	.2053965	F 593.0330	.1081318	.2388842	52.15359
Stddev	.014664	.0044105	.5379	.0038670	.0013079	.14221
%RSD	.3275658	2.147314	.0907101	3.576230	.5474967	.2726719

#1	4.479198	.2071242	592.4119	.1036693	.2375029	52.30982
#2	4.489693	.2003837	593.3399	.1105001	.2390460	52.03169
#3	4.460730	.2086816	593.3472	.1102260	.2401036	52.11925

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.155413	.0798675	.3411292	43.93171	.3637193	1.136563
Stddev	.016436	.0004493	.0007023	.09946	.0009136	.002916
%RSD	.3955285	.5625893	.2058628	.2263913	.2511865	.2565490

#1	4.165405	.0796141	.3407686	43.97192	.3636319	1.138387
#2	4.136444	.0796021	.3419385	43.81845	.3628525	1.138101
#3	4.164391	.0803863	.3406805	44.00478	.3646735	1.133200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42830	191.3231	F 155.8774	13.98184	1.155172	1.957666
Stddev	.02393	.4242	1.0704	.03793	.002505	.004008
%RSD	.2294855	.2216967	.6866795	.2712838	.2168173	.2047357

#1	10.43535	191.5139	155.3002	14.00538	1.156090	1.962212
#2	10.40164	190.8371	157.1125	13.93808	1.157088	1.956140
#3	10.44792	191.6184	155.2195	14.00205	1.152338	1.954644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.494172	1.325643	F 100.8561	12.59751	8.729058	.2762046
Stddev	.069152	.007506	.2852	.06205	.073028	.0021277
%RSD	1.538701	.5662128	.2828096	.4925744	.8366093	.7703537

#1	4.516005	1.333936	101.1083	12.62077	8.784496	.2786302
#2	4.416739	1.323678	100.9136	12.52718	8.756366	.2753308
#3	4.549772	1.319316	100.5465	12.64456	8.646311	.2746529

Sample Name: K4732-22 Acquired: 09/13/2019 15:28:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9846639	F 114.6338	4.276064	.0474651	.8916387	.0376275
Stddev	.0017509	.7278	.026359	.0000767	.0042274	.0000638
%RSD	.1778203	.6348963	.6164268	.1616009	.4741141	.1694557
#1	.9831744	115.1564	4.249361	.0475530	.8935149	.0376577
#2	.9865926	114.9424	4.276767	.0474309	.8867979	.0376705
#3	.9842247	113.8025	4.302064	.0474115	.8946033	.0375542

Elem	Sr4077
Units	ppm
Avg	.7190993
Stddev	.0017150
%RSD	.2384884
#1	.7208501
#2	.7174225
#3	.7190252

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.387	3404.749	54297.88	10896.28	2569.195
Stddev	6.491	5.439	66.36	44.74	5.250
%RSD	.3513666	.1597396	.1222086	.4106345	.2043486
#1	1846.241	3406.699	54223.12	10937.50	2564.019
#2	1841.545	3408.944	54320.70	10902.65	2569.050
#3	1854.374	3398.604	54349.82	10848.70	2574.516

Sample Name: K4732-20LX5 Acquired: 09/13/2019 15:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.141652	.0163637	F 129.7259	.0035405	.0192780	12.30121
Stddev	.003444	.0005706	.3744	.0037213	.0011058	.02428
%RSD	.3016384	3.486843	.2886141	105.1044	5.736149	.1973617

#1	1.137973	.0165489	129.3380	.0000699	.0180528	12.32755
#2	1.142184	.0168186	129.7544	.0074699	.0202020	12.27974
#3	1.144798	.0157235	130.0852	.0030818	.0195792	12.29633

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1867989	-.000030	.0475197	11.31429	.0059254	.0067407
Stddev	.0007946	.000065	.0001703	.05656	.0004807	.0002934
%RSD	.4253557	216.8327	.3583221	.4999307	8.113283	4.353282

#1	.1866511	-.000077	.0474067	11.36750	.0058620	.0065326
#2	.1860887	-.000058	.0474368	11.25488	.0054794	.0066132
#3	.1876570	.000045	.0477155	11.32050	.0064346	.0070764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.634531	48.78152	F 43.04889	3.620805	.0088688	.5211547
Stddev	.004383	.18354	.44579	.040110	.0003060	.0039867
%RSD	.1663650	.3762555	1.035536	1.107764	3.449970	.7649672

#1	2.637386	48.97629	42.88238	3.664467	.0086073	.5253409
#2	2.629485	48.61178	42.71032	3.585593	.0092053	.5174033
#3	2.636724	48.75648	43.55396	3.612357	.0087939	.5207198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.152141	.1349509	F 38.18763	3.093450	1.775726	.0715537
Stddev	.115301	.0022039	.22520	.087077	.002793	.0004720
%RSD	10.00751	1.633088	.5897086	2.814875	.1572680	.6597033

#1	1.284887	.1355005	38.06219	3.144541	1.773235	.0710088
#2	1.076932	.1325242	38.44761	3.142903	1.775198	.0718144
#3	1.094605	.1368279	38.05309	2.992907	1.778745	.0718380

Sample Name: K4732-20LX5 Acquired: 09/13/2019 15:32:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FF5L Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2497754	23.12766	1.112881	.0107236	.2274074	.0104978
Stddev	.0006223	.06060	.008652	.0014407	.0010572	.0015961
%RSD	.2491568	.2620357	.7774726	13.43486	.4648860	15.20401

#1	.2490757	23.07437	1.119291	.0111954	.2285192	.0122307
#2	.2502671	23.11502	1.103039	.0118691	.2272880	.0101749
#3	.2499833	23.19358	1.116314	.0091061	.2264150	.0090879

Elem	Sr4077
Units	ppm
Avg	.1816094
Stddev	.0005810
%RSD	.3199176

#1	.1819804
#2	.1809398
#3	.1819081

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1494.606	2767.678	43472.64	8650.158	2665.371
Stddev	6.662	7.100	251.49	66.722	.580
%RSD	.4457240	.2565488	.5784978	.7713434	.0217591

#1	1497.825	2762.087	43318.00	8602.144	2665.311
#2	1486.946	2765.279	43762.83	8726.346	2664.823
#3	1499.048	2775.667	43337.09	8621.984	2665.978

Sample Name: K4734-01 Acquired: 09/13/2019 15:48:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7473579	.0103901	3.813920	.0001886	.0085772	66.87091	1.569984
Stddev	.0012739	.0019848	.014727	.0013340	.0005632	.16248	.004101
%RSD	.1704489	19.10329	.3861316	707.3391	6.565633	.2429775	.2612089

#1	.7459503	.0118453	3.815115	.0013362	.0079606	66.83059	1.570118
#2	.7484314	.0111960	3.798632	-.001275	.0087067	67.04976	1.565817
#3	.7476919	.0081291	3.828012	.000505	.0090644	66.73239	1.574015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073000	.0249858	14.76477	.0538891	.0495087	1.660526	92.41918
Stddev	.0001270	.0001355	.00949	.0007307	.0001679	.005703	.16436
%RSD	1.739340	.5421220	.0642909	1.356007	.3392043	.3434353	.1778465

#1	.0074413	.0250462	14.75867	.0536522	.0496513	1.663417	92.23045
#2	.0072630	.0248306	14.77571	.0547089	.0493236	1.653957	92.53085
#3	.0071956	.0250805	14.75994	.0533062	.0495512	1.664205	92.49625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.37911	11.53477	.0501836	.0244384	.2178098	.1936306	1.847302
Stddev	.05318	.02514	.0005524	.0001043	.0959413	.0022247	.006874
%RSD	.3247000	.2179486	1.100832	.4266099	44.04823	1.148921	.3721323

#1	16.33724	11.52864	.0500254	.0245198	.1279378	.1953987	1.839744
#2	16.36116	11.51325	.0497274	.0244746	.2066475	.1911327	1.853183
#3	16.43895	11.56240	.0507978	.0243209	.3188440	.1943605	1.848977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52984	5.085169	.1339578	.0290663	1.935774	3.139079	.0205033
Stddev	.06507	.018373	.0014542	.0001225	.007679	.022975	.0010964
%RSD	.5192998	.3613040	1.085544	.4215370	.3966714	.7318879	5.347200

#1	12.57404	5.066929	.1322788	.0290519	1.930102	3.158442	.0193347
#2	12.45512	5.084906	.1347835	.0291954	1.932709	3.145103	.0215093
#3	12.56036	5.103672	.1348112	.0289517	1.944512	3.113693	.0206660

Sample Name: K4734-01 Acquired: 09/13/2019 15:48:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.311251	.0515571	.1798273
Stddev	.005829	.0011564	.0002319
%RSD	.4445181	2.242974	.1289394

#1	1.307160	.0503703	.1800875
#2	1.308668	.0526806	.1796425
#3	1.317925	.0516203	.1797520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.396	3592.510	56562.82	11331.63	2740.003
Stddev	4.163	10.960	114.30	19.89	14.253
%RSD	.2149695	.3050777	.2020839	.1755018	.5201670

#1	1937.361	3599.444	56683.08	11317.11	2747.513
#2	1931.836	3598.212	56549.79	11323.49	2748.931
#3	1939.992	3579.875	56455.59	11354.30	2723.566

Sample Name: K4734-09 Acquired: 09/13/2019 16:40:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6979803	.0231641	1.313839	.0006864	.0071071	93.02403	1.788508
Stddev	.0037394	.0041550	.002570	.0002381	.0008658	.59374	.019752
%RSD	.5357489	17.93723	.1955984	34.69503	12.18240	.6382698	1.104379

#1	.7022316	.0234508	1.315974	.0007602	.0064515	92.69828	1.783525
#2	.6965091	.0271683	1.310987	.0004201	.0080886	92.66446	1.771725
#3	.6952002	.0188732	1.314557	.0008789	.0067813	93.70934	1.810274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079998	.0225517	15.32325	.0655863	.0939149	1.762440	105.6375
Stddev	.0001102	.0002154	.17037	.0005203	.0006301	.003802	.6714
%RSD	1.377857	.9553120	1.111852	.7933469	.6709390	.2157271	.6355401

#1	.0079809	.0226546	15.27962	.0654398	.0939505	1.760732	105.4260
#2	.0079003	.0223041	15.17893	.0661641	.0932677	1.759791	105.0974
#3	.0081183	.0226963	15.51119	.0651549	.0945264	1.766796	106.3892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.77317	14.25376	.0617884	.0064058	.2599148	.1996905	1.406395
Stddev	.11586	.07722	.0002396	.0003975	.0163982	.0017234	.004739
%RSD	.6518700	.5417440	.3878003	6.204984	6.309052	.8630164	.3369263

#1	17.78029	14.19067	.0617776	.0062466	.2670994	.1982497	1.407300
#2	17.65392	14.23075	.0615543	.0068582	.2411506	.2015996	1.410616
#3	17.88531	14.33987	.0620332	.0061127	.2714943	.1992221	1.401270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11036	5.311993	.1543616	.0226137	1.685435	4.475220	.0169731
Stddev	.06722	.025524	.0007991	.0000501	.006482	.041682	.0010787
%RSD	.4448790	.4805044	.5176650	.2217026	.3846056	.9313989	6.355136

#1	15.08375	5.315840	.1538739	.0225615	1.689142	4.469487	.0159194
#2	15.06051	5.284763	.1539272	.0226615	1.677950	4.436701	.0180751
#3	15.18681	5.335375	.1552838	.0226182	1.689213	4.519472	.0169247

Sample Name: K4734-09 Acquired: 09/13/2019 16:40:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.660999	.0673344	.1972868
Stddev	.002577	.0014596	.0006280
%RSD	.1551729	2.167743	.3183092

#1	1.660765	.0672588	.1970599
#2	1.658546	.0659140	.1968038
#3	1.663685	.0688304	.1979967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.874	3537.088	55343.64	11027.99	2698.677
Stddev	13.632	6.599	354.44	124.65	9.233
%RSD	.7160189	.1865670	.6404363	1.130335	.3421160

#1	1914.257	3529.630	55663.19	11088.66	2690.607
#2	1908.929	3542.170	55405.33	11110.70	2708.745
#3	1888.437	3539.464	54962.41	10884.62	2696.680

Sample Name: K4732-11DLX10 Acquired: 09/13/2019 18:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FE6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3592240	.0039007	5.760976	-.001504	.0130976	4.170457	.0917402
Stddev	.0026237	.0017937	.015808	.001340	.0012903	.010624	.0005373
%RSD	.7303799	45.98450	.2744025	89.11324	9.851550	.2547417	.5857157

#1	.3605116	.0036682	5.768062	-.000414	.0133866	4.180728	.0918899
#2	.3562053	.0022346	5.742865	-.001097	.0142188	4.171130	.0921868
#3	.3609552	.0057993	5.772003	-.003000	.0116872	4.159513	.0911439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010413	.0123679	2.085226	.0056640	.0061173	.8363139	50.37607
Stddev	.0000179	.0000533	.007685	.0003308	.0003477	.0049832	.05484
%RSD	1.720009	.4307089	.3685683	5.840517	5.683538	.5958593	.1088534

#1	.0010460	.0124030	2.086969	.0060405	.0059763	.8341636	50.42304
#2	.0010215	.0123066	2.091890	.0054199	.0058623	.8420112	50.38936
#3	.0010563	.0123941	2.076818	.0055317	.0065134	.8327668	50.31581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.335946	1.005636	.0119115	.1754270	.0319164	.0354345	5.642735
Stddev	.013485	.018289	.0003019	.0008245	.1772279	.0028831	.072397
%RSD	.2527162	1.818619	2.534535	.4700234	555.2880	8.136467	1.283014

#1	5.351174	1.021341	.0120994	.1751746	.1099422	.0377415	5.726331
#2	5.325518	.985557	.0120717	.1763482	.1567439	.0363595	5.600535
#3	5.331145	1.010011	.0115632	.1747581	-.170937	.0322024	5.601340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6841636	.6895798	.0693032	.0311193	1.535111	.7229398	.0690975
Stddev	.0722494	.0036517	.0015173	.0002091	.002252	.0022597	.0005810
%RSD	10.56025	.5295548	2.189400	.6720625	.1466758	.3125731	.8408221

#1	.7461050	.6933277	.0701645	.0313607	1.536953	.7220034	.0689708
#2	.7015913	.6893792	.0701940	.0310041	1.535778	.7212987	.0685903
#3	.6047944	.6860325	.0675513	.0309931	1.532601	.7255172	.0697314

Sample Name: K4732-11DLX10 Acquired: 09/13/2019 18:11:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FE6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0626082	.0005723	.0172790
Stddev	.0012103	.0004635	.0001407
%RSD	1.933092	80.98916	.8140367

#1	.0629057	.0009505	.0171299
#2	.0612769	.0000553	.0172979
#3	.0636419	.0007110	.0174093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.646	2688.576	42509.42	8345.809	2740.385
Stddev	9.733	2.214	231.31	8.148	6.850
%RSD	.6681712	.0823358	.5441376	.0976306	.2499630

#1	1445.410	2686.178	42564.15	8352.196	2733.560
#2	1462.061	2690.541	42255.65	8336.632	2747.259
#3	1462.467	2689.009	42708.45	8348.599	2740.337

Sample Name: K4734-02 Acquired: 09/13/2019 15:52:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6913599	.0093037	7.867435	-.000798	.0077346	71.85306	1.278453
Stddev	.0029157	.0057407	.003923	.002826	.0014257	.42554	.009483
%RSD	.4217333	61.70385	.0498675	354.1813	18.43293	.5922374	.7417324

#1	.6888288	.0064732	7.869916	-.004061	.0093807	71.49186	1.270142
#2	.6907029	.0159100	7.862912	.000841	.0069312	72.32217	1.288782
#3	.6945480	.0055279	7.869476	.000827	.0068919	71.74515	1.276435

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074974	.0389157	21.92965	.0780746	.0677836	1.407265	111.0085
Stddev	.0001445	.0001481	.20098	.0006866	.0002003	.004386	.5821
%RSD	1.928008	.3806431	.9164870	.8794409	.2955611	.3116428	.5243546

#1	.0076280	.0390353	21.74505	.0784336	.0677966	1.403192	110.4174
#2	.0075220	.0387500	22.14375	.0785071	.0679772	1.411907	111.5811
#3	.0073421	.0389617	21.90013	.0772828	.0675771	1.406697	111.0272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26593	16.51722	.0628578	.0736316	.4499160	.2459927	4.596890
Stddev	.10128	.08207	.0006264	.0004883	.1749186	.0029167	.041066
%RSD	.6634694	.4968477	.9965536	.6631265	38.87806	1.185704	.8933441

#1	15.16183	16.43152	.0629525	.0733505	.2526332	.2435432	4.553937
#2	15.36415	16.59510	.0634314	.0733489	.5860561	.2452155	4.600967
#3	15.27181	16.52504	.0621894	.0741954	.5110587	.2492193	4.635765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44394	5.150474	.1603917	.0557455	2.897666	2.993526	.0197832
Stddev	.08580	.006256	.0014371	.0002539	.003234	.036969	.0012625
%RSD	.5940540	.1214743	.8960094	.4554771	.1115972	1.234954	6.381571

#1	14.45124	5.144721	.1587791	.0554832	2.901385	3.034001	.0196866
#2	14.52587	5.149568	.1615370	.0557633	2.896101	2.985036	.0185718
#3	14.35472	5.157135	.1608590	.0559901	2.895513	2.961541	.0210912

Sample Name: K4734-02 Acquired: 09/13/2019 15:52:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.410079	.0592300	.1895187
Stddev	.006932	.0016513	.0003293
%RSD	.4916280	2.787955	.1737369

#1	1.409803	.0591486	.1892893
#2	1.417145	.0609206	.1898960
#3	1.403288	.0576210	.1893709

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.167	3441.998	53966.84	10928.30	2718.169
Stddev	6.136	5.455	245.72	29.75	5.117
%RSD	.3322079	.1584927	.4553163	.2721926	.1882607

#1	1851.890	3439.343	54212.24	10937.00	2712.762
#2	1849.379	3438.379	53967.47	10895.17	2722.937
#3	1840.231	3448.273	53720.81	10952.72	2718.807

Sample Name: K4734-03 Acquired: 09/13/2019 15:56:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385860	.0126027	46.34695	.0082637	.0379112	67.71340
Stddev	.007419	.0029239	.14030	.0009962	.0020924	.10227
%RSD	.5353239	23.20104	.3027252	12.05457	5.519127	.1510316

#1	1.392892	.0129510	46.19115	.0094096	.0355293	67.78294
#2	1.386581	.0095202	46.38636	.0076042	.0387514	67.59597
#3	1.378107	.0153369	46.46333	.0077774	.0394529	67.76129

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291607	.0084852	.1428108	6.673751	.0448607	.0330611
Stddev	.008258	.0001390	.0002567	.029736	.0001624	.0003718
%RSD	.6393456	1.637626	.1797425	.4455716	.3620497	1.124643

#1	1.300095	.0086456	.1425146	6.706737	.0447241	.0326606
#2	1.283601	.0084034	.1429486	6.649000	.0450403	.0331275
#3	1.291126	.0084065	.1429692	6.665515	.0448175	.0333953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.467107	134.6675	F 30.87006	11.77973	.0488078	1.056511
Stddev	.008981	.3706	.11933	.05444	.0003533	.004254
%RSD	.0948660	.2751805	.3865449	.4621394	.7237945	.4026542

#1	9.475562	135.0850	31.00583	11.83185	.0490630	1.055021
#2	9.457679	134.3776	30.78184	11.72324	.0484046	1.061310
#3	9.468081	134.5398	30.82251	11.78410	.0489558	1.053202

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2335716	.3071600	26.91092	12.98135	5.165647	.1922205
Stddev	.0985798	.0011318	.17998	.11597	.019001	.0016226
%RSD	42.20541	.3684836	.6688129	.8933307	.3678299	.8441209

#1	.3225631	.3084596	26.73697	13.06623	5.147909	.1938928
#2	.1276074	.3063901	27.09639	12.84922	5.163334	.1921159
#3	.2505443	.3066305	26.89941	13.02861	5.185698	.1906527

Sample Name: K4734-03 Acquired: 09/13/2019 15:56:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2280581	22.42688	2.917000	.0191940	1.161967	.0651527
Stddev	.0003717	.08201	.036628	.0009453	.007522	.0009459
%RSD	.1629820	.3656712	1.255672	4.925219	.6473231	1.451823

#1	.2281283	22.33268	2.958459	.0185270	1.170097	.0655728
#2	.2283896	22.48231	2.889025	.0202758	1.155256	.0640695
#3	.2276563	22.46566	2.903516	.0187791	1.160547	.0658158

Elem	Sr4077
Units	ppm
Avg	.2422703
Stddev	.0002458
%RSD	.1014609

#1	.2424395
#2	.2419883
#3	.2423830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.145	3419.405	53967.22	10874.16	2700.258
Stddev	8.949	5.822	192.37	88.71	2.939
%RSD	.4844739	.1702514	.3564630	.8158135	.1088243

#1	1851.888	3414.719	54171.60	10805.60	2703.626
#2	1852.725	3417.576	53789.67	10974.35	2698.213
#3	1836.823	3425.922	53940.37	10842.51	2698.937

Sample Name: K4734-04 Acquired: 09/13/2019 15:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.362671	.0291477	30.63685	.0063183	.0188737	57.74663
Stddev	.002144	.0018956	.05853	.0041253	.0015657	.18011
%RSD	.1573448	6.503480	.1910505	65.29114	8.295777	.3119056

#1	1.364233	.0270186	30.58036	.0015549	.0173385	57.64719
#2	1.360227	.0297721	30.69723	.0086733	.0204683	57.95454
#3	1.363554	.0306523	30.63297	.0087267	.0188142	57.63815

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.315615	.0078578	.0479439	9.072597	.0482798	.0393979
Stddev	.006959	.0000993	.0000293	.036520	.0001348	.0001401
%RSD	.5289554	1.264088	.0611808	.4025332	.2792475	.3554957

#1	1.311383	.0079702	.0479306	9.042692	.0483830	.0394379
#2	1.323647	.0078213	.0479237	9.113298	.0481273	.0392422
#3	1.311815	.0077820	.0479776	9.061800	.0483292	.0395136

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.175268	112.0682	F 55.17609	10.56306	.0416883	.3868419
Stddev	.005196	.4710	.28947	.02591	.0007657	.0010281
%RSD	.2388774	.4202771	.5246226	.2452886	1.836686	.2657645

#1	2.170229	111.9200	55.08882	10.53358	.0423729	.3861190
#2	2.180609	112.5955	55.49915	10.58221	.0408615	.3880189
#3	2.174965	111.6891	54.94029	10.57339	.0418304	.3863879

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3299974	.3012896	10.62322	13.86746	5.167950	.1593795
Stddev	.0323893	.0020173	.04217	.01914	.015086	.0007927
%RSD	9.815024	.6695483	.3970029	.1380086	.2919237	.4973943

#1	.3551564	.3036174	10.57457	13.87437	5.156241	.1594208
#2	.2934526	.3000502	10.64949	13.88219	5.162633	.1601509
#3	.3413833	.3002014	10.64558	13.84583	5.184975	.1585670

Sample Name: K4734-04 Acquired: 09/13/2019 15:59:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3709829	6.390624	2.831347	.0172106	1.256415	.0479684
Stddev	.0003250	.036408	.038044	.0005261	.008860	.0009273
%RSD	.0875963	.5697037	1.343679	3.057090	.7052119	1.933159
#1	.3706878	6.382028	2.819192	.0166727	1.251651	.0474805
#2	.3709298	6.359283	2.873983	.0177241	1.266639	.0490378
#3	.3713312	6.430560	2.800865	.0172348	1.250956	.0473870

Elem	Sr4077
Units	ppm
Avg	.3742106
Stddev	.0006626
%RSD	.1770750
#1	.3734527
#2	.3744985
#3	.3746806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.122	3291.014	51733.33	10355.47	2672.399
Stddev	8.568	2.303	63.76	17.35	4.809
%RSD	.4857046	.0699727	.1232481	.1675441	.1799399
#1	1773.241	3288.700	51773.90	10361.43	2672.728
#2	1762.886	3291.036	51766.25	10335.92	2667.434
#3	1756.238	3293.305	51659.84	10369.05	2677.035

Sample Name: K4734-05 Acquired: 09/13/2019 16:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.813242	.0324555	31.09677	.0084696	.0402523	38.73381
Stddev	.011297	.0017847	.05672	.0028593	.0018709	.09869
%RSD	.4015631	5.498959	.1823889	33.75928	4.647832	.2547999

#1	2.815677	.0306582	31.10654	.0054393	.0397093	38.84508
#2	2.800926	.0342273	31.03580	.0111198	.0423347	38.69951
#3	2.823123	.0324811	31.14797	.0088497	.0387131	38.65685

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9345673	.0051313	.1345745	13.32867	.0324301	.0875354
Stddev	.0028787	.0000912	.0003075	.07291	.0003946	.0002835
%RSD	.3080238	1.776697	.2284625	.5470284	1.216603	.3239242

#1	.9368095	.0052338	.1343275	13.41210	.0320242	.0872621
#2	.9313211	.0050592	.1344771	13.27720	.0324537	.0875161
#3	.9355714	.0051010	.1349188	13.29671	.0328123	.0878282

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.10260	197.5783	F 66.62594	9.998460	.0569611	.3060301
Stddev	.01149	.3808	.74441	.055838	.0002314	.0013172
%RSD	.1034468	.1927389	1.117296	.5584691	.4061908	.4304170

#1	11.09081	197.9077	66.91948	10.06294	.0572128	.3045162
#2	11.11375	197.1613	65.77951	9.96606	.0569126	.3069139
#3	11.10325	197.6659	67.17882	9.96638	.0567578	.3066602

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2032497	.2387971	22.85218	9.765114	7.240393	.2751576
Stddev	.1603447	.0009441	.22558	.028600	.025225	.0012727
%RSD	78.89052	.3953751	.9871403	.2928815	.3483863	.4625390

#1	.1103498	.2398476	22.60210	9.751824	7.252373	.2739081
#2	.3883994	.2380192	23.04033	9.745577	7.211411	.2764524
#3	.1109998	.2385247	22.91410	9.797941	7.257396	.2751124

Sample Name: K4734-05 Acquired: 09/13/2019 16:03:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0757943	7.273768	2.315812	.0389246	1.118281	.0349854
Stddev	.0003221	.026911	.044949	.0002532	.002146	.0008976
%RSD	.4249443	.3699754	1.940979	.6505080	.1919244	2.565665
#1	.0754710	7.269480	2.366197	.0392033	1.116311	.0353066
#2	.0757967	7.249259	2.279826	.0388619	1.120568	.0339714
#3	.0761152	7.302566	2.301413	.0387087	1.117962	.0356782

Elem	Sr4077
Units	ppm
Avg	.2466575
Stddev	.0008275
%RSD	.3354782
#1	.2461566
#2	.2476126
#3	.2462033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.071	3278.821	52045.20	10487.08	2708.308
Stddev	12.016	5.857	418.93	102.84	4.297
%RSD	.6761543	.1786181	.8049383	.9806083	.1586492
#1	1790.438	3284.269	52512.49	10428.67	2707.983
#2	1773.609	3279.567	51703.22	10605.82	2712.758
#3	1767.166	3272.628	51919.90	10426.73	2704.183

Sample Name: K4734-06 Acquired: 09/13/2019 16:08:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6565443	.0041334	6.778523	-.002559	.0070666	43.78810	.7043646
Stddev	.0032522	.0014835	.007808	.002529	.0004404	.12569	.0016759
%RSD	.4953550	35.89052	.1151834	98.83635	6.231508	.2870411	.2379260

#1	.6601574	.0058419	6.787024	-.002653	.0066786	43.64614	.7024721
#2	.6556243	.0033870	6.771672	.000016	.0075452	43.83295	.7056605
#3	.6538512	.0031714	6.776873	-.005039	.0069761	43.88522	.7049613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048205	.0227219	8.993012	.0412191	.0453538	1.181926	78.75562
Stddev	.0000769	.0000556	.054463	.0002162	.0003983	.003013	.34548
%RSD	1.594723	.2448495	.6056105	.5245307	.8781953	.2549420	.4386693

#1	.0047805	.0226892	8.933698	.0410727	.0450003	1.183323	78.37358
#2	.0049092	.0226903	9.040768	.0414674	.0452758	1.178468	79.04610
#3	.0047719	.0227861	9.004570	.0411172	.0457854	1.183987	78.84716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.510450	8.386533	.0372259	.0239697	.2172226	.1467431	1.955381
Stddev	.026296	.051174	.0002947	.0001337	.2781907	.0009362	.011443
%RSD	.2764954	.6101943	.7917070	.5578371	128.0671	.6380003	.5851836

#1	9.480124	8.327779	.0375017	.0238243	.5100332	.1473363	1.961273
#2	9.524314	8.421365	.0369154	.0240873	.1852138	.1472291	1.942194
#3	9.526914	8.410455	.0372607	.0239976	-.043579	.1456638	1.962677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.270310	3.940744	.1130562	.0275473	1.130356	2.325158	.0172042
Stddev	.029150	.011586	.0012623	.0000743	.007895	.032504	.0005726
%RSD	.3524712	.2940006	1.116552	.2698151	.6984654	1.397947	3.328470

#1	8.301930	3.954008	.1118958	.0275093	1.139392	2.306506	.0178642
#2	8.244505	3.932603	.1128726	.0276329	1.126886	2.362690	.0169092
#3	8.264495	3.935619	.1144003	.0274996	1.124791	2.306277	.0168393

Sample Name: K4734-06 Acquired: 09/13/2019 16:08:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9865541	.0330207	.0917803
Stddev	.0024879	.0008323	.0003118
%RSD	.2521779	2.520644	.3397175

#1	.9862063	.0329665	.0920241
#2	.9842584	.0338788	.0914290
#3	.9891975	.0322168	.0918879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.936	3577.163	56748.58	11243.90	2754.987
Stddev	14.499	4.295	306.82	59.38	8.073
%RSD	.7528320	.1200543	.5406676	.5280849	.2930434

#1	1909.237	3572.575	56397.04	11258.46	2749.662
#2	1933.244	3581.087	56962.48	11178.60	2764.276
#3	1935.327	3577.826	56886.22	11294.64	2751.022

Sample Name: K4734-07 Acquired: 09/13/2019 16:12:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001045	.0072605	-.001537	-.007802	-.002498	-.047657	.0010144
Stddev	.000334	.0002795	.000162	.000490	.000210	.001541	.0001285
%RSD	32.00403	3.849994	10.56756	6.286424	8.393878	3.233011	12.66891

#1	-.000979	.0075777	-.001463	-.007828	-.002727	-.049177	.0010529
#2	-.001407	.0070502	-.001425	-.008279	-.002450	-.046096	.0008710
#3	-.000748	.0071535	-.001724	-.007299	-.002316	-.047698	.0011193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001170	-.000263	-.015298	-.000099	-.000072	-.004551	-.003015
Stddev	.0000121	.000016	.000252	.000023	.000027	.000944	.000467
%RSD	10.33317	6.169517	1.648417	23.75936	37.17273	20.75100	15.48628

#1	.0001272	-.000267	-.015021	-.000117	-.000051	-.003814	-.002492
#2	.0001202	-.000245	-.015360	-.000072	-.000063	-.005615	-.003391
#3	.0001037	-.000277	-.015514	-.000107	-.000102	-.004223	-.003161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000148	.0087854	.0024695	.0006725	.1976094	-.001366	-.002473
Stddev	.000067	.0024335	.0000132	.0001007	.0377643	.000301	.000110
%RSD	45.24830	27.69932	.5350735	14.97651	19.11060	22.05645	4.451258

#1	-.000153	.0065171	.0024833	.0007887	.2012028	-.001070	-.002347
#2	-.000211	.0113559	.0024570	.0006147	.1581768	-.001672	-.002526
#3	-.000078	.0084833	.0024682	.0006139	.2334486	-.001356	-.002547

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.907902	-.003189	-.000095	.0001338	-.005765	-.005039	-.000839
Stddev	.015169	.000201	.000135	.0000198	.000557	.000505	.000094
%RSD	1.670814	6.308386	142.1823	14.78673	9.660543	10.02556	11.24087

#1	-.893378	-.002968	-.000247	.0001189	-.006019	-.005229	-.000822
#2	-.906685	-.003240	.000013	.0001562	-.006149	-.004466	-.000755
#3	-.923643	-.003360	-.000051	.0001262	-.005126	-.005421	-.000941

Sample Name: K4734-07 Acquired: 09/13/2019 16:12:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001846	-.006246	-.000116
Stddev	.0001114	.000368	.000009
%RSD	60.33686	5.891611	7.648340

#1	.0001036	-.006641	-.000110
#2	.0003116	-.005913	-.000126
#3	.0001386	-.006185	-.000112

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7548.963	14031.01	212330.4	35517.80	15199.76
Stddev	35.899	27.35	1030.4	158.30	22.41
%RSD	.4755493	.1949184	.4852719	.4457016	.1474315

#1	7576.223	14047.88	213493.4	35478.61	15209.04
#2	7562.377	13999.46	211966.5	35692.02	15174.21
#3	7508.288	14045.69	211531.4	35382.78	15216.05

Sample Name: K4734-07 Acquired: 09/13/2019 16:16:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6175232	.0075244	5.182480	-.000748	.0043494	44.95664	.7170170
Stddev	.0000592	.0004861	.008973	.003809	.0019127	.09991	.0020869
%RSD	.0095926	6.459733	.1731361	509.1203	43.97573	.2222318	.2910579

#1	.6175809	.0080405	5.172979	.002223	.0063063	44.84143	.7148072
#2	.6174625	.0074572	5.183653	-.005042	.0024842	45.01936	.7189543
#3	.6175262	.0070754	5.190809	.000574	.0042577	45.00913	.7172896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054650	.0421222	8.980388	.0406866	.0363911	1.595148	79.82216
Stddev	.0000313	.0001446	.026837	.0003654	.0002669	.001634	.15936
%RSD	.5723917	.3432118	.2988439	.8981307	.7334210	.1024233	.1996471

#1	.0054289	.0420781	8.949972	.0405889	.0363537	1.594741	79.64702
#2	.0054835	.0420049	9.000735	.0410910	.0366747	1.596947	79.95863
#3	.0054826	.0422837	8.990456	.0403800	.0361448	1.593756	79.86083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.80020	7.971163	.0329598	.0190691	.2535625	.1477351	5.098875
Stddev	.02978	.026812	.0006323	.0000944	.0427078	.0026654	.015471
%RSD	.2523984	.3363685	1.918243	.4952651	16.84311	1.804194	.3034287

#1	11.77000	7.946253	.0329967	.0191568	.2182363	.1501112	5.111965
#2	11.82955	7.999541	.0323099	.0190812	.2414263	.1482411	5.081802
#3	11.80106	7.967695	.0335728	.0189691	.3010250	.1448529	5.102859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.674627	3.657719	.1140674	.0245719	1.336108	2.402007	.0162496
Stddev	.062964	.005511	.0014392	.0003075	.004793	.005160	.0004054
%RSD	.9433336	.1506715	1.261672	1.251211	.3587159	.2148296	2.494502

#1	6.642553	3.662770	.1146089	.0243628	1.340315	2.401403	.0158810
#2	6.634157	3.658547	.1124360	.0244280	1.330891	2.397175	.0166837
#3	6.747169	3.651841	.1151572	.0249249	1.337119	2.407443	.0161841

Sample Name: K4734-07 Acquired: 09/13/2019 16:16:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7486582	.0287839	.0889428
Stddev	.0008583	.0001417	.0000491
%RSD	.1146427	.4922762	.0552391

#1	.7480023	.0287040	.0888861
#2	.7496296	.0287002	.0889722
#3	.7483428	.0289475	.0889701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.219	3468.139	53841.81	10781.72	2760.861
Stddev	3.025	3.121	123.50	70.67	3.044
%RSD	.1620822	.0900042	.2293844	.6554782	.1102451

#1	1869.204	3465.150	53706.40	10855.45	2763.920
#2	1863.156	3467.890	53870.76	10714.56	2757.832
#3	1866.297	3471.378	53948.27	10775.15	2760.830

Sample Name: K4734-08 Acquired: 09/13/2019 16:20:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5877214	.0076747	4.533480	-.000936	.0073192	43.71007	.6373201
Stddev	.0058333	.0028765	.009788	.001412	.0005527	.05942	.0054082
%RSD	.9925325	37.48016	.2159037	150.8400	7.551776	.1359304	.8485909

#1	.5876505	.0108879	4.529332	-.000033	.0073999	43.75448	.6419439
#2	.5819239	.0067964	4.526449	-.000212	.0067306	43.73315	.6386434
#3	.5935899	.0053397	4.544659	-.002563	.0078272	43.64257	.6313730

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059959	.0426516	9.341840	.0375815	.0368921	1.519024	82.37743
Stddev	.0000544	.0001417	.067472	.0009252	.0002801	.003543	.38373
%RSD	.9077845	.3321582	.7222574	2.461753	.7592738	.2332205	.4658213

#1	.0059548	.0426563	9.397243	.0379327	.0366425	1.522692	82.72095
#2	.0059753	.0425077	9.361576	.0365321	.0368388	1.518759	82.44805
#3	.0060577	.0427909	9.266700	.0382796	.0371950	1.515621	81.96330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67980	8.085604	.0328167	.0310752	.0950294	.1595888	4.820891
Stddev	.06964	.042118	.0004045	.0002048	.0511485	.0013560	.016538
%RSD	.6520370	.5208991	1.232710	.6591356	53.82384	.8497066	.3430589

#1	10.75236	8.126556	.0331345	.0309343	.1330857	.1607885	4.803502
#2	10.67351	8.087846	.0323613	.0309812	.0368866	.1598603	4.836422
#3	10.61352	8.042410	.0329544	.0313102	.1151159	.1581175	4.822749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.617987	3.546760	.1168472	.0258584	1.208184	2.217594	.0168394
Stddev	.081122	.010553	.0014647	.0002113	.001345	.027881	.0002590
%RSD	1.225777	.2975333	1.253540	.8172217	.1113101	1.257251	1.538298

#1	6.699152	3.558792	.1165935	.0260448	1.209286	2.231540	.0165438
#2	6.536909	3.542416	.1184223	.0259015	1.208580	2.235750	.0170269
#3	6.617900	3.539073	.1155259	.0256288	1.206685	2.185492	.0169474

Sample Name: K4734-08 Acquired: 09/13/2019 16:20:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7384279	.0282578	.0818730
Stddev	.0020497	.0013648	.0000222
%RSD	.2775751	4.829833	.0270930

#1	.7407171	.0297084	.0818480
#2	.7367627	.0269992	.0818903
#3	.7378040	.0280657	.0818806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.774	3481.765	54067.49	10725.46	2774.008
Stddev	9.565	11.406	289.58	112.39	6.190
%RSD	.5101836	.3275964	.5355816	1.047861	.2231494

#1	1876.112	3494.933	53809.97	10621.83	2780.179
#2	1864.610	3475.445	54380.96	10709.61	2774.047
#3	1883.598	3474.919	54011.54	10844.92	2767.798

Sample Name: PB123053BL Acquired: 09/13/2019 16:24:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS053 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000132	.0025772	F .0126024	-.001301	-.001573	.0049169
Stddev	.003934	.0034063	.0007947	.003150	.001042	.0038532
%RSD	2977.767	132.1706	6.305688	242.1145	66.26717	78.36574

#1	-.004468	.0007266	.0134162	.001415	-.000404	.0045947
#2	.003209	.0065083	.0125628	-.004755	-.002406	.0089210
#3	.000862	.0004968	.0118284	-.000564	-.001910	.0012349

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004678	.0000618	-.000041	-.005952	.0001255	.0002834
Stddev	.0002706	.0000201	.000005	.009494	.0002627	.0001562
%RSD	57.84008	32.45248	12.60666	159.5105	209.2169	55.09742

#1	.0005467	.0000450	-.000047	-.016831	.0001446	.0002420
#2	.0006902	.0000840	-.000041	.000653	-.000146	.0004561
#3	.0001666	.0000565	-.000036	-.001677	.000378	.0001522

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012419	.0028951	.0007819	-.011604	.0003436	.0017639
Stddev	.0004189	.0036436	.0002263	.011647	.0003275	.0002199
%RSD	33.72920	125.8538	28.93458	100.3752	95.29813	12.46951

#1	.0017211	-.001097	.0010205	-.002639	.0005508	.0018041
#2	.0010588	.006041	.0005704	-.007404	.0005140	.0019609
#3	.0009457	.003742	.0007550	-.024769	-.000034	.0015266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544284	.0012968	.0006455	.0188088	-.001240	.0003229
Stddev	.2481130	.0014061	.0016075	.0212947	.001397	.0006997
%RSD	455.8518	108.4316	249.0507	113.2168	112.6735	216.6679

#1	.0120885	.0026734	-.000250	.0392837	-.001069	-.000437
#2	.3209870	.0013542	.002501	.0203632	.000064	.000940
#3	-.169790	-.000137	-.000315	-.003221	-.002714	.000465

Sample Name: PB123053BL Acquired: 09/13/2019 16:24:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	-.005076	.0062521	.0000939	.0004376	-.000154
Stddev	.000150	.001673	.0010388	.0005454	.0010955	.001246
%RSD	610.0043	32.96201	16.61569	580.8915	250.3288	806.4797

#1	-.000008	-.004770	.0074153	.0000293	.0012661	.001177
#2	-.000182	-.006881	.0054168	.0006686	.0008512	-.000350
#3	.000116	-.003577	.0059242	-.000416	-.000804	-.001290

Elem	Sr4077
Units	ppm
Avg	.0000208
Stddev	.0000155
%RSD	74.44119

#1	.0000139
#2	.0000100
#3	.0000385

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.584	2596.921	40489.91	8011.192	2735.969
Stddev	6.744	6.051	348.38	55.640	2.011
%RSD	.4846518	.2330231	.8604097	.6945234	.0735104

#1	1386.749	2590.180	40120.96	8011.750	2733.943
#2	1399.289	2601.885	40535.55	7955.275	2737.966
#3	1388.714	2598.698	40813.22	8066.550	2735.998

Sample Name: PB123053BS Acquired: 09/13/2019 16:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173879	.0530017	F .0264367	.0666459	.1168065	.4039958
Stddev	.0040166	.0018884	.0012468	.0012203	.0011391	.0117082
%RSD	23.09984	3.562964	4.716174	1.831047	.9752254	2.898109

#1	.0217827	.0515095	.0261074	.0671907	.1174715	.4174101
#2	.0164737	.0523708	.0278151	.0652481	.1174568	.3987466
#3	.0139072	.0551248	.0253876	.0674989	.1154912	.3958308

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4266203	.0102523	.0098528	10.80959	.0219406	.0963589
Stddev	.0061064	.0000434	.0001358	.15277	.0002840	.0003963
%RSD	1.431347	.4227916	1.377844	1.413246	1.294507	.4112407

#1	.4307641	.0102878	.0098960	10.91117	.0221996	.0968009
#2	.4294892	.0102652	.0097007	10.88370	.0216368	.0960353
#3	.4196078	.0102040	.0099617	10.63391	.0219853	.0962406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458837	.2172888	.0340814	10.45496	.0814255	.0209792
Stddev	.0014707	.0021655	.0006573	.12828	.0003906	.0003766
%RSD	3.205330	.9965800	1.928594	1.227003	.4797561	1.795197

#1	.0472750	.2175895	.0345528	10.55528	.0815451	.0211392
#2	.0443447	.2192882	.0343610	10.49918	.0809890	.0212493
#3	.0460315	.2149887	.0333306	10.31042	.0817423	.0205490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.15836	.1090797	.1282270	9.417004	.0166909	F .0212192
Stddev	.17878	.0043446	.0004792	.153886	.0009165	.0000752
%RSD	1.759924	3.982908	.3736732	1.634127	5.491147	.3542969

#1	10.01671	.1138956	.1287675	9.313771	.0174817	.0211865
#2	10.09913	.1078886	.1278544	9.593872	.0169048	.0213052
#3	10.35924	.1054550	.1280590	9.343369	.0156864	.0211659

Sample Name: PB123053BS Acquired: 09/13/2019 16:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS053 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192978	.1757838	.2023030	.0137265	.1999795	F .0931930
Stddev	.0001623	.0098445	.0005865	.0002531	.0023101	.0016477
%RSD	.8410721	5.600347	.2898900	1.844055	1.155179	1.768046
#1	.0194439	.1836108	.2020797	.0135853	.2017182	.0916492
#2	.0193264	.1647311	.2018609	.0135756	.2008620	.0949279
#3	.0191231	.1790095	.2029682	.0140188	.1973582	.0930018

Elem	Sr4077
Units	ppm
Avg	.2024589
Stddev	.0028134
%RSD	1.389591
#1	.2049010
#2	.2030931
#3	.1993826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.516	2578.409	40552.13	7991.789	2722.308
Stddev	3.011	9.722	48.82	58.142	5.846
%RSD	.2168338	.3770614	.1203774	.7275189	.2147479
#1	1391.977	2570.716	40603.61	8041.226	2716.047
#2	1386.498	2589.336	40506.51	8006.407	2727.624
#3	1387.075	2575.175	40546.27	7927.733	2723.253

Sample Name: CCV065 Acquired: 09/13/2019 16:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.935473	5.020387	25.12197	4.877249	4.943750	405.6859	10.34648
Stddev	.020733	.007895	.06606	.021499	.017609	5.3591	.03487
%RSD	.4200886	.1572508	.2629705	.4408060	.3561931	1.321004	.3370279

#1	4.914998	5.029414	25.06726	4.892183	4.941799	406.8689	10.35918
#2	4.934966	5.016972	25.10328	4.852608	4.927198	410.3546	10.37321
#3	4.956455	5.014774	25.19536	4.886956	4.962254	399.8340	10.30704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5191056	2.520591	415.1810	15.57890	2.551540	15.22736	415.3462
Stddev	.0049121	.003260	.7890	.03433	.008549	.02287	.8717
%RSD	.9462635	.1293419	.1900365	.2203854	.3350655	.1501899	.2098636

#1	.5221947	2.517724	415.6779	15.60741	2.542729	15.24478	414.9701
#2	.5216807	2.519912	415.5938	15.58849	2.552088	15.23584	416.3427
#3	.5134413	2.524138	414.2712	15.54079	2.559802	15.20146	414.7257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.23470	407.5902	2.558223	1.272817	409.9679	2.541410	15.16800
Stddev	.02239	.9216	.005198	.003645	.9636	.008861	.12350
%RSD	.1469962	.2261169	.2031907	.2863337	.2350543	.3486524	.8141818

#1	15.22837	406.9701	2.553766	1.272639	409.2814	2.541602	15.07236
#2	15.25958	408.6492	2.556971	1.276547	411.0695	2.550172	15.12422
#3	15.21616	407.1512	2.563933	1.269265	409.5527	2.532454	15.30742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.3671	5.261421	5.470131	4.948767	5.190814	4.996725	5.114108
Stddev	.6766	.012446	.040231	.010727	.009341	.046739	.007112
%RSD	.4327033	.2365510	.7354654	.2167563	.1799437	.9353887	.1390719

#1	156.2984	5.270113	5.500277	4.954158	5.198408	5.021716	5.121190
#2	157.0755	5.266987	5.485669	4.936414	5.193649	5.025656	5.114167
#3	155.7275	5.247163	5.424449	4.955729	5.180384	4.942804	5.106966

Sample Name: CCV065 Acquired: 09/13/2019 16:32:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV065 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.106977	5.262642	5.129098
Stddev	.003123	.026648	.030905
%RSD	.0611444	.5063640	.6025413

#1	5.106947	5.279470	5.160219
#2	5.110115	5.276537	5.098413
#3	5.103870	5.231917	5.128663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.276	2157.933	36168.85	7585.424	2148.628
Stddev	4.573	7.884	91.95	39.120	2.426
%RSD	.4032003	.3653315	.2542240	.5157243	.1129239

#1	1138.115	2152.787	36269.12	7559.675	2147.793
#2	1135.496	2167.009	36148.93	7566.156	2151.361
#3	1129.216	2154.002	36088.49	7630.440	2146.729

Sample Name: CCB065 Acquired: 09/13/2019 16:36:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000426	.0027672	.0076302	-.003841	-.000386	.0164878	.0012864
Stddev	.004355	.0017463	.0005172	.003896	.000844	.0034598	.0002759
%RSD	1022.483	63.10589	6.777966	101.4490	218.7541	20.98389	21.44783

#1	.002859	.0044935	.0075427	-.005451	-.001100	.0170920	.0015553
#2	.001229	.0010016	.0071624	.000603	-.000602	.0127658	.0010039
#3	-.005365	.0028065	.0081856	-.006674	.000545	.0196058	.0013001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000242	.0000032	.0134668	.0000576	.0002838	-.001017	.0180674
Stddev	.0000306	.0000540	.0029896	.0003479	.0002388	.000542	.0079090
%RSD	126.2525	1662.502	22.19967	604.0516	84.15680	53.24035	43.77483

#1	.0000549	-.000057	.0100776	-.000311	.0000643	-.001641	.0271786
#2	.0000241	.000048	.0145934	.000379	.0005382	-.000741	.0129720
#3	-.000006	.000018	.0157294	.000105	.0002489	-.000670	.0140516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008831	.0234304	.0001923	.0000397	.0420479	.0002381	.0006649
Stddev	.0003911	.0232217	.0002831	.0004783	.0958758	.0003061	.0003292
%RSD	44.28461	99.10920	147.2239	1203.621	228.0157	128.5562	49.50991

#1	.0009116	-.003162	.0000429	.0005108	.1363307	.0005814	.0002855
#2	.0012592	.039706	.0000152	.0000540	.0451582	-.000007	.0008746
#3	.0004786	.033748	.0005189	-.000446	-.055345	.000140	.0008346

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166286	-.001959	.0112898	.0006129	-.002814	.0037664	.0023126
Stddev	.0727503	.000781	.0006471	.0003846	.004041	.0008873	.0003329
%RSD	62.37777	39.88179	5.731631	62.75441	143.5920	23.55781	14.39417

#1	.0330528	-.002737	.0116531	.0008755	.001354	.0041448	.0020057
#2	.1510737	-.001965	.0116735	.0007917	-.003082	.0044017	.0022656
#3	.1657594	-.001175	.0105427	.0001714	-.006713	.0027527	.0026664

Sample Name: CCB065 Acquired: 09/13/2019 16:36:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002869	.0034423	.0002184
Stddev	.0010141	.0000812	.0000102
%RSD	353.5179	2.358428	4.672163

#1	-.000455	.0034289	.0002241
#2	-.000127	.0035293	.0002066
#3	.001442	.0033686	.0002245

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.895	2602.008	40707.31	7995.475	2739.419
Stddev	6.597	2.534	44.12	38.336	4.016
%RSD	.4722820	.0973986	.1083848	.4794754	.1465884

#1	1401.794	2601.686	40743.01	8006.900	2741.003
#2	1389.393	2604.687	40720.93	8026.800	2742.401
#3	1399.497	2599.649	40657.98	7952.725	2734.853

Sample Name: K4734-11 Acquired: 09/13/2019 16:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.556989	.0450873	F 68.97019	.0172885	.0326269	54.07616
Stddev	.005595	.0015976	.10603	.0020925	.0009625	.19399
%RSD	.3593554	3.543317	.1537390	12.10310	2.950147	.3587304

#1	1.551312	.0468832	69.09250	.0177473	.0317603	53.85221
#2	1.562498	.0445543	68.91388	.0150048	.0336629	54.19182
#3	1.557157	.0438243	68.90420	.0191136	.0324576	54.18446

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7175716	.0053745	.1195131	8.786324	.0386795	.0391704
Stddev	.0025771	.0000597	.0003601	.048867	.0003433	.0000023
%RSD	.3591402	1.111301	.3013010	.5561736	.8875625	.0058013

#1	.7150863	.0054361	.1198067	8.731035	.0383043	.0391693
#2	.7173969	.0053169	.1196213	8.823733	.0387564	.0391689
#3	.7202316	.0053704	.1191113	8.804204	.0389778	.0391730

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.103544	131.9766	F 69.56298	11.57439	.0463050	.9388874
Stddev	.007433	.8489	.13315	.08630	.0004684	.0057978
%RSD	.3533462	.6431945	.1914087	.7456147	1.011638	.6175191

#1	2.097212	131.0428	69.46226	11.50970	.0457968	.9454393
#2	2.101693	132.1854	69.71394	11.54110	.0467195	.9344203
#3	2.111728	132.7016	69.51273	11.67238	.0463988	.9368026

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1751411	.3468952	20.81227	12.63089	5.680834	.1865105
Stddev	.2599244	.0042361	.28114	.03156	.020015	.0016112
%RSD	148.4086	1.221135	1.350816	.2498434	.3523322	.8638799

#1	.1219949	.3440491	20.48766	12.61266	5.696675	.1846906
#2	.4575311	.3448731	20.97777	12.61267	5.658339	.1877551
#3	-.054103	.3517634	20.97137	12.66732	5.687488	.1870858

Sample Name: K4734-11 Acquired: 09/13/2019 16:48:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3157776	13.83405	2.420405	.0154094	.7425126	.0404759
Stddev	.0003225	.06516	.030596	.0007355	.0044479	.0007960
%RSD	.1021325	.4710390	1.264084	4.773276	.5990396	1.966708
#1	.3154058	13.90476	2.453919	.0158819	.7375149	.0397318
#2	.3159819	13.77641	2.393967	.0145620	.7439863	.0413153
#3	.3159451	13.82097	2.413329	.0157843	.7460368	.0403806

Elem	Sr4077
Units	ppm
Avg	.2637287
Stddev	.0004349
%RSD	.1649169
#1	.2635806
#2	.2633872
#3	.2642184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.749	3627.764	56498.46	11240.92	2696.654
Stddev	7.162	8.176	144.69	45.76	9.568
%RSD	.3656382	.2253667	.2561032	.4070787	.3548174
#1	1964.839	3618.995	56335.79	11193.72	2685.801
#2	1950.859	3629.119	56612.82	11285.09	2700.293
#3	1960.548	3635.177	56546.76	11243.94	2703.869

Sample Name: K4734-10 Acquired: 09/13/2019 16:44:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8899710	.0144996	2.905440	-.001515	.0165100	60.35951	2.073678
Stddev	.0061154	.0026294	.004193	.002475	.0008222	.27095	.014941
%RSD	.6871432	18.13415	.1443171	163.4138	4.979696	.4488901	.7204846

#1	.8830076	.0173558	2.906757	.001341	.0165523	60.65158	2.089542
#2	.8924377	.0139630	2.908816	-.003040	.0173101	60.11634	2.059874
#3	.8944678	.0121799	2.900746	-.002845	.0156675	60.31060	2.071618

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058636	.0244740	21.09525	.0654275	.0406619	2.426692	101.9813
Stddev	.0000705	.0000435	.14611	.0008273	.0000964	.003050	.2563
%RSD	1.202291	.1776726	.6926062	1.264423	.2369670	.1256715	.2513077

#1	.0059215	.0244266	21.24670	.0660476	.0407588	2.424980	102.2344
#2	.0057851	.0245120	20.95515	.0644882	.0406606	2.424882	101.7219
#3	.0058842	.0244834	21.08392	.0657467	.0405661	2.430213	101.9877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.64775	13.36626	.0506286	.0241237	.1446879	.2130358	1.864242
Stddev	.05917	.02945	.0004765	.0005396	.2534319	.0019160	.002836
%RSD	.2502211	.2203483	.9412348	2.236810	175.1576	.8993647	.1521001

#1	23.67223	13.39877	.0501371	.0236974	-.070256	.2113537	1.861025
#2	23.58027	13.34136	.0510886	.0247304	.080181	.2151213	1.866379
#3	23.69076	13.35866	.0506600	.0239434	.424140	.2126322	1.865322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.21782	6.485415	.1543526	.0449425	2.714929	3.214459	.0216922
Stddev	.09327	.024822	.0013187	.0002151	.016082	.038474	.0005981
%RSD	.5417290	.3827427	.8543431	.4785561	.5923510	1.196902	2.757256

#1	17.27161	6.473649	.1557574	.0447452	2.723556	3.226641	.0222627
#2	17.11011	6.468663	.1531415	.0449105	2.696375	3.171369	.0210699
#3	17.27172	6.513932	.1541588	.0451717	2.724857	3.245367	.0217442

Sample Name: K4734-10 Acquired: 09/13/2019 16:44:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.676033	.0499528	.2628163
Stddev	.004791	.0013388	.0003964
%RSD	.2858678	2.680047	.1508296

#1	1.681407	.0512936	.2628789
#2	1.672208	.0499488	.2623924
#3	1.674485	.0486161	.2631778

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.028	3308.753	51964.20	10361.52	2749.269
Stddev	.895	4.792	232.76	26.68	.919
%RSD	.0504290	.1448212	.4479211	.2574768	.0334406

#1	1774.109	3313.426	51930.70	10343.41	2748.472
#2	1775.080	3308.982	51750.00	10392.15	2749.061
#3	1775.897	3303.851	52211.89	10348.98	2750.275

Sample Name: K4734-12 Acquired: 09/13/2019 16:52:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026844	.0092815	1.936039	-.000288	.0148025	54.53719	1.640962
Stddev	.001621	.0011229	.001923	.002126	.0018711	.21146	.015090
%RSD	.1578550	12.09864	.0993048	738.7991	12.64073	.3877397	.9196095

#1	1.027835	.0080673	1.935524	.002015	.0130949	54.34074	1.627626
#2	1.027724	.0102827	1.938167	-.002177	.0168027	54.50982	1.637917
#3	1.024973	.0094945	1.934426	-.000702	.0145098	54.76100	1.657342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067992	.0201942	17.07847	.0498864	.0312179	2.162385	101.6502
Stddev	.0000546	.0000790	.14045	.0006703	.0001120	.008473	.6283
%RSD	.8034980	.3910899	.8223535	1.343584	.3586305	.3918251	.6180788

#1	.0068534	.0202643	16.95071	.0501380	.0311458	2.153070	101.0095
#2	.0067441	.0202097	17.05586	.0503943	.0313468	2.164454	101.6759
#3	.0068001	.0201086	17.22885	.0491267	.0311610	2.169633	102.2653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.62495	10.79456	.0408691	.0185851	.2460950	.1931753	1.467803
Stddev	.14375	.08869	.0004877	.0001178	.1196101	.0042900	.005971
%RSD	.8156208	.8215946	1.193333	.6336905	48.60323	2.220778	.4068117

#1	17.49332	10.73432	.0413613	.0187104	.3520926	.1896122	1.464048
#2	17.60319	10.75295	.0408599	.0184767	.2697771	.1979372	1.464673
#3	17.77834	10.89640	.0403861	.0185683	.1164153	.1919766	1.474688

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.68636	5.680407	.1533770	.0348699	2.968774	3.255001	.0176160
Stddev	.11077	.034428	.0009996	.0005073	.010441	.062527	.0011098
%RSD	.7061462	.6060820	.6516981	1.454810	.3516939	1.920949	6.299740

#1	15.60055	5.672065	.1522856	.0346068	2.956738	3.191111	.0169045
#2	15.64713	5.650917	.1542479	.0354547	2.974192	3.257824	.0188947
#3	15.81141	5.718240	.1535975	.0345482	2.975392	3.316069	.0170488

Sample Name: K4734-12 Acquired: 09/13/2019 16:52:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.358416	.0416118	.2123260
Stddev	.006696	.0009696	.0005224
%RSD	.4929339	2.330228	.2460387

#1	1.353193	.0406548	.2120433
#2	1.356089	.0425936	.2120060
#3	1.365965	.0415869	.2129289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.353	3157.940	48520.43	9707.098	2776.718
Stddev	8.783	3.709	149.22	115.140	2.709
%RSD	.5199179	.1174455	.3075455	1.186139	.0975637

#1	1696.091	3156.008	48684.54	9813.800	2775.356
#2	1692.549	3155.595	48392.90	9722.435	2774.960
#3	1679.420	3162.216	48483.84	9585.058	2779.837

Sample Name: K4734-13 Acquired: 09/13/2019 16:56:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3780267	.0144819	.9853285	-.001028	.0020167	19.94775	.8752251
Stddev	.0039702	.0014507	.0018880	.002261	.0009527	.01025	.0020898
%RSD	1.050239	10.01730	.1916117	219.8808	47.24128	.0513889	.2387687

#1	.3795048	.0158010	.9831767	-.000497	.0019852	19.95266	.8776034
#2	.3735295	.0129282	.9867074	.000919	.0010802	19.95462	.8743897
#3	.3810458	.0147164	.9861015	-.003507	.0029848	19.93596	.8736823

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028217	.0065777	6.393055	.0215742	.0219054	.4942359	50.45671
Stddev	.0000821	.0001010	.021725	.0001004	.0002345	.0021292	.09387
%RSD	2.909413	1.534953	.3398295	.4651495	1.070346	.4308096	.1860490

#1	.0027418	.0064627	6.417576	.0214782	.0221236	.4942765	50.49043
#2	.0029058	.0066514	6.385382	.0215660	.0219350	.4920868	50.35063
#3	.0028174	.0066191	6.376207	.0216784	.0216575	.4963446	50.52906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65527	4.365023	.0164138	.0069839	.0627128	.1487950	.8063553
Stddev	.05705	.037505	.0002342	.0002510	.1201235	.0030116	.0101676
%RSD	.2411898	.8592154	1.427124	3.594220	191.5455	2.024020	1.260938

#1	23.70283	4.345729	.0165646	.0069054	.0582910	.1511527	.8175818
#2	23.59201	4.341092	.0161439	.0067815	.1849861	.1454024	.7977661
#3	23.67096	4.408247	.0165328	.0072648	-.055139	.1498299	.8037182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.495488	2.145658	.0721841	.0345924	.5885749	1.590815	.0079299
Stddev	.061618	.010688	.0008320	.0001411	.0039587	.009440	.0008510
%RSD	.9486339	.4981358	1.152616	.4080243	.6725828	.5934364	10.73154

#1	6.546282	2.142098	.0731334	.0346483	.5912201	1.582784	.0089091
#2	6.426942	2.137204	.0715812	.0344319	.5840238	1.601214	.0075121
#3	6.513240	2.157672	.0718378	.0346971	.5904808	1.588448	.0073687

Sample Name: K4734-13 Acquired: 09/13/2019 16:56:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5043890	.0153751	.1717669
Stddev	.0044474	.0006599	.0000499
%RSD	.8817358	4.291905	.0290609

#1	.5082426	.0158589	.1717658
#2	.4995226	.0146234	.1718174
#3	.5054018	.0156430	.1717176

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1673.495	3127.711	48305.41	9575.534	2813.430
Stddev	7.816	2.706	316.50	34.228	4.465
%RSD	.4670628	.0865241	.6551980	.3574545	.1587132

#1	1664.756	3128.390	48098.40	9613.820	2810.005
#2	1675.907	3124.730	48148.08	9564.890	2811.804
#3	1679.820	3130.013	48669.74	9547.893	2818.480

Sample Name: K4734-15 Acquired: 09/13/2019 17:04:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4366276	.1232636	1.011761	.0845813	.1762007	23.05690	4.645759
Stddev	.0022065	.0023169	.003165	.0042615	.0010368	.11952	.030679
%RSD	.5053542	1.879668	.3128044	5.038321	.5884393	.5183549	.6603579

#1	.4370695	.1241034	1.012719	.0823220	.1771630	23.12924	4.673621
#2	.4342336	.1206439	1.014336	.0894967	.1763366	23.12251	4.650774
#3	.4385798	.1250436	1.008228	.0819251	.1751027	22.91895	4.612882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940491	.1106409	6.360632	.4065750	1.064776	.8494098	51.85164
Stddev	.0003990	.0001675	.058919	.0011858	.000412	.0018846	.35317
%RSD	.4242903	.1513503	.9263069	.2916592	.0386529	.2218658	.6811174

#1	.0943238	.1106158	6.389014	.4068866	1.065135	.8515801	52.09520
#2	.0942322	.1104874	6.399989	.4052645	1.064327	.8481869	52.01314
#3	.0935914	.1108195	6.292894	.4075739	1.064868	.8484624	51.44660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.81622	4.317236	1.073199	.0967299	.1511294	1.082953	1.642433
Stddev	.14711	.032217	.001720	.0003229	.1189484	.004055	.014049
%RSD	.6447723	.7462446	.1602500	.3337975	78.70635	.3744445	.8553509

#1	22.93586	4.347016	1.072954	.0970399	.2866743	1.081470	1.635410
#2	22.86083	4.321654	1.071614	.0967542	.1025771	1.087541	1.658608
#3	22.65196	4.283037	1.075028	.0963955	.0641368	1.079848	1.633280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.190009	2.126349	.0727825	.0333997	.5828450	1.557635	.0076526
Stddev	.071020	.019098	.0008066	.0000990	.0078452	.009715	.0008356
%RSD	1.147338	.8981644	1.108177	.2965389	1.346022	.6237225	10.91907

#1	6.182907	2.120416	.0731210	.0335001	.5900941	1.554698	.0071476
#2	6.122806	2.110922	.0733646	.0333021	.5745156	1.568480	.0086171
#3	6.264313	2.147710	.0718619	.0333970	.5839253	1.549726	.0071931

Sample Name: K4734-15 Acquired: 09/13/2019 17:04:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4851745	.0150666	.1621733
Stddev	.0028492	.0008903	.0001547
%RSD	.5872463	5.909006	.0953737

#1	.4819066	.0141227	.1623372
#2	.4871378	.0151860	.1620299
#3	.4864791	.0158912	.1621528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.520	3108.485	48502.22	9520.484	2799.349
Stddev	5.861	2.321	218.56	36.571	1.381
%RSD	.3510681	.0746588	.4506278	.3841303	.0493221

#1	1664.551	3109.762	48252.96	9486.660	2800.349
#2	1668.025	3105.806	48661.12	9515.500	2797.773
#3	1675.984	3109.887	48592.57	9559.291	2799.924

Sample Name: K4734-14 Acquired: 09/13/2019 17:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3766497	.0133050	.9908463	-.000846	.0038229	19.90534	.8394985
Stddev	.0028290	.0014105	.0012683	.000545	.0015124	.01108	.0021873
%RSD	.7510930	10.60126	.1280059	64.49817	39.56206	.0556750	.2605459

#1	.3789242	.0139541	.9915260	-.000974	.0043880	19.89536	.8412069
#2	.3775429	.0116868	.9916300	-.001315	.0049713	19.91727	.8370333
#3	.3734819	.0142741	.9893830	-.000248	.0021093	19.90340	.8402552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029154	.0065736	6.404966	.0216861	.0215774	.4898072	50.61177
Stddev	.0000444	.0000593	.033316	.0001877	.0002212	.0008260	.02134
%RSD	1.523739	.9020849	.5201537	.8654009	1.025034	.1686324	.0421703

#1	.0029665	.0065362	6.428649	.0218930	.0213701	.4900128	50.60457
#2	.0028865	.0066420	6.366870	.0216382	.0218103	.4905110	50.59496
#3	.0028930	.0065426	6.419378	.0215270	.0215520	.4888979	50.63578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.14298	4.354448	.0161750	.0066456	.0051073	.1458435	.7842578
Stddev	.05859	.004138	.0001113	.0001663	.2640529	.0021801	.0075905
%RSD	.2771026	.0950219	.6879082	2.502636	5170.126	1.494847	.9678543

#1	21.14935	4.354378	.0162870	.0064613	.2728087	.1481066	.7866214
#2	21.08147	4.350345	.0160645	.0067847	-.002348	.1437571	.7903853
#3	21.19812	4.358620	.0161735	.0066907	-.255139	.1456667	.7757667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.176180	2.165184	.0718944	.0331940	.5863918	1.572211	.0077474
Stddev	.034725	.007124	.0008733	.0003085	.0040818	.033049	.0004702
%RSD	.5622484	.3290297	1.214771	.9292635	.6960881	2.102093	6.069040

#1	6.209109	2.162632	.0710868	.0329484	.5861303	1.609390	.0077399
#2	6.139901	2.159687	.0728213	.0335402	.5905980	1.546168	.0082213
#3	6.179530	2.173232	.0717752	.0330934	.5824470	1.561075	.0072810

Sample Name: K4734-14 Acquired: 09/13/2019 17:00:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4925900	.0161911	.1595517
Stddev	.0019928	.0005770	.0003969
%RSD	.4045519	3.563676	.2487502

#1	.4931756	.0168545	.1590981
#2	.4903701	.0159129	.1597218
#3	.4942244	.0158059	.1598351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1682.105	3129.996	48635.38	9602.628	2803.907
Stddev	6.868	9.613	246.81	54.404	6.581
%RSD	.4083229	.3071321	.5074682	.5665486	.2347189

#1	1674.230	3141.060	48351.56	9577.770	2811.364
#2	1685.231	3123.689	48754.89	9665.020	2798.910
#3	1686.855	3125.238	48799.68	9565.094	2801.448

Sample Name: K4734-13LX5 Acquired: 09/13/2019 17:08:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FJ8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860053	.0049579	.2025380	-.001704	.0014413	4.565606	.1946797
Stddev	.0056882	.0003930	.0007770	.000884	.0012583	.015596	.0002678
%RSD	6.613811	7.927187	.3836215	51.90925	87.30120	.3416064	.1375410

#1	.0925561	.0045388	.2032574	-.000683	.0025988	4.547981	.1949299
#2	.0823160	.0053182	.2026425	-.002201	.0016231	4.571213	.1947118
#3	.0831439	.0050167	.2017140	-.002227	.0001020	4.577623	.1943973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006973	.0012952	1.469306	.0052204	.0048222	.1134908	11.59450
Stddev	.0000903	.0000644	.010365	.0001655	.0001933	.0008150	.03866
%RSD	12.94725	4.974767	.7054032	3.169328	4.009258	.7180739	.3334393

#1	.0007441	.0013613	1.466615	.0052561	.0046193	.1131157	11.60230
#2	.0007546	.0012915	1.480751	.0053651	.0048430	.1144258	11.55254
#3	.0005932	.0012326	1.460553	.0050400	.0050042	.1129310	11.62867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.041919	.9854101	.0033709	.0013070	-.039083	.0351397	.1808435
Stddev	.011063	.0043894	.0001330	.0002778	.216252	.0008197	.0025047
%RSD	.2194186	.4454399	3.945919	21.25249	553.3169	2.332543	1.385023

#1	5.032409	.9803632	.0032756	.0016277	-.287268	.0342966	.1820221
#2	5.039289	.9875299	.0033142	.0011413	.061171	.0359338	.1779669
#3	5.054061	.9883374	.0035229	.0011521	.108848	.0351887	.1825416

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.443370	.4367956	.0174259	.0075667	.1180581	.3622412	.0025289
Stddev	.074396	.0018135	.0003630	.0000585	.0004393	.0150802	.0002105
%RSD	5.154345	.4151886	2.083074	.7734641	.3720993	4.163013	8.323741

#1	1.466216	.4380024	.0178437	.0075013	.1175531	.3448990	.0026693
#2	1.503664	.4347101	.0171880	.0075845	.1182697	.3722710	.0022868
#3	1.360230	.4376743	.0172459	.0076142	.1183516	.3695536	.0026305

Sample Name: K4734-13LX5 Acquired: 09/13/2019 17:08:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FJ8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1155634	.0023329	.0377460
Stddev	.0036259	.0011941	.0000587
%RSD	3.137552	51.18490	.1554640

#1	.1125229	.0010206	.0377319
#2	.1145909	.0033556	.0376956
#3	.1195763	.0026224	.0378104

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1451.049	2708.804	42280.50	8306.162	2749.355
Stddev	8.349	2.931	369.60	25.958	6.425
%RSD	.5753819	.1081885	.8741698	.3125143	.2336886

#1	1444.679	2711.287	41928.42	8303.960	2743.061
#2	1460.501	2705.571	42665.43	8281.375	2749.100
#3	1447.968	2709.555	42247.65	8333.150	2755.903

Sample Name: K4732-02DLX10 Acquired: 09/13/2019 17:47:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2197249	.0057723	8.324020	.0032148	.2284304	4.848846	.4512829
Stddev	.0025055	.0032222	.019072	.0015794	.0016480	.030211	.0036272
%RSD	1.140278	55.82193	.2291254	49.12966	.7214383	.6230639	.8037487

#1	.2224130	.0080037	8.305820	.0022084	.2270458	4.836405	.4489522
#2	.2193070	.0020782	8.322379	.0024008	.2302532	4.826842	.4494346
#3	.2174546	.0072350	8.343859	.0050352	.2279923	4.883291	.4554620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035611	.0102467	4.149758	.0104713	.0201137	9.974031	158.5009
Stddev	.0000369	.0001095	.100576	.0008068	.0001966	.029152	1.2976
%RSD	1.036972	1.069051	2.423670	7.704561	.9773864	.2922775	.8186684

#1	.0035368	.0101556	4.135986	.0112128	.0202750	9.960476	157.8727
#2	.0035428	.0103682	4.056777	.0096122	.0198947	9.954124	157.6370
#3	.0036036	.0102163	4.256511	.0105888	.0201712	10.00749	159.9930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.990790	.6944773	.0396758	.1634497	-.155670	.0599319	3.867191
Stddev	.017337	.0146409	.0004048	.0016223	.082098	.0025174	.019580
%RSD	.5796890	2.108184	1.020218	.9925250	52.73872	4.200374	.5063020

#1	2.984044	.7027338	.0394388	.1644695	-.109547	.0572113	3.861707
#2	2.977839	.7031252	.0394453	.1615790	-.107005	.0621787	3.888928
#3	3.010486	.6775730	.0401431	.1643007	-.250457	.0604057	3.850938

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5571114	1.810079	.3158149	.0219887	1.954688	.5118543	1.321222
Stddev	.0439090	.005734	.0033498	.0000498	.004953	.0061800	.005364
%RSD	7.881546	.3167866	1.060678	.2263789	.2533781	1.207367	.4059953

#1	.5239858	1.813157	.3161802	.0219844	1.957912	.5130413	1.316370
#2	.5404323	1.813618	.3122975	.0219412	1.957168	.5051669	1.326982
#3	.6069161	1.803464	.3189671	.0220405	1.948986	.5173547	1.320314

Sample Name: K4732-02DLX10 Acquired: 09/13/2019 17:47:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2178637	.0025150	.1882686
Stddev	.0005282	.0012222	.0003620
%RSD	.2424320	48.59648	.1922947

#1	.2177888	.0026571	.1882351
#2	.2173770	.0036599	.1879244
#3	.2184253	.0012280	.1886462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.153	2603.296	41375.57	8229.518	2695.619
Stddev	3.250	6.281	216.00	76.946	4.616
%RSD	.2336080	.2412519	.5220580	.9349955	.1712442

#1	1392.200	2605.515	41279.23	8241.004	2700.939
#2	1387.508	2596.207	41622.98	8300.075	2692.668
#3	1393.750	2608.166	41224.50	8147.475	2693.250

Sample Name: K4732-05DLX10 Acquired: 09/13/2019 17:55:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3730086	.0052756	8.843856	-.001520	.0685067	2.803842	.1462643
Stddev	.0022655	.0016418	.012056	.001093	.0021625	.008754	.0005101
%RSD	.6073489	31.12054	.1363189	71.94111	3.156671	.3122264	.3487447

#1	.3756177	.0071574	8.832215	-.002666	.0693276	2.793894	.1457225
#2	.3715406	.0045337	8.843067	-.001405	.0660539	2.810370	.1463352
#3	.3718674	.0041357	8.856288	-.000488	.0701385	2.807262	.1467353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016702	.0050046	1.877665	-.004449	.0122526	1.046342	96.48825
Stddev	.0000130	.0000650	.010551	.000017	.0001796	.004293	.53512
%RSD	.7769155	1.299159	.5619195	.3827933	1.465450	.4102877	.5545949

#1	.0016631	.0050618	1.874978	-.004468	.0120777	1.044005	95.87237
#2	.0016624	.0050181	1.889299	-.004445	.0122435	1.043725	96.75292
#3	.0016852	.0049339	1.868717	-.004435	.0124365	1.051297	96.83945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.375146	.6088273	.0217991	.0351758	-.139042	.0177993	1.938360
Stddev	.018102	.0045788	.0003383	.0002176	.030426	.0005576	.017209
%RSD	.7621441	.7520706	1.551651	.6185953	21.88246	3.132904	.8877906

#1	2.354294	.6083540	.0216440	.0353200	-.169981	.0184413	1.956682
#2	2.384315	.6045035	.0221870	.0349255	-.109156	.0175212	1.922539
#3	2.386829	.6136244	.0215661	.0352818	-.137989	.0174354	1.935860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4853927	.6187347	.1449383	.0112404	1.169689	.5363609	.2686044
Stddev	.0979764	.0022508	.0010160	.0001884	.003238	.0043761	.0016821
%RSD	20.18498	.3637660	.7010035	1.676230	.2768300	.8158775	.6262469

#1	.4136513	.6194327	.1444898	.0111598	1.170056	.5313366	.2692545
#2	.4455054	.6205537	.1442237	.0114557	1.166283	.5393394	.2666943
#3	.5970213	.6162176	.1461014	.0111057	1.172727	.5384066	.2698645

Sample Name: K4732-05DLX10 Acquired: 09/13/2019 17:55:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1245812	.0015099	.0292818
Stddev	.0015318	.0008931	.0001539
%RSD	1.229542	59.14850	.5255197

#1	.1237413	.0005299	.0291073
#2	.1236531	.0022779	.0293980
#3	.1263492	.0017218	.0293402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.049	2641.497	41700.17	8253.627	2726.651
Stddev	7.785	5.679	62.62	52.859	5.367
%RSD	.5474465	.2149804	.1501703	.6404363	.1968242

#1	1413.064	2635.031	41670.98	8310.030	2720.901
#2	1426.801	2645.673	41657.48	8205.224	2727.524
#3	1426.280	2643.788	41772.06	8245.627	2731.528

Sample Name: K4732-04DLX10 Acquired: 09/13/2019 17:51:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FD9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3688538	.0040400	10.38864	-.001648	.0753808	3.313610	.1640769
Stddev	.0027872	.0008373	.03754	.003183	.0013195	.020398	.0009357
%RSD	.7556273	20.72473	.3614012	193.1508	1.750463	.6155826	.5702762

#1	.3659910	.0039050	10.40188	.002017	.0742170	3.297899	.1633535
#2	.3715586	.0049365	10.34627	-.003239	.0751112	3.306269	.1637437
#3	.3690120	.0032783	10.41776	-.003723	.0768144	3.336663	.1651336

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018326	.0068429	2.535088	-.004861	.0170480	1.192719	101.8182
Stddev	.0000669	.0001082	.016616	.000396	.0004892	.004841	.1622
%RSD	3.649545	1.580900	.6554413	8.150927	2.869507	.4058895	.1593382

#1	.0017652	.0069137	2.551121	-.004552	.0165621	1.188087	101.6432
#2	.0018336	.0067184	2.517945	-.005307	.0170415	1.192326	101.9637
#3	.0018990	.0068966	2.536199	-.004723	.0175404	1.197745	101.8476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.634770	.6054247	.0198095	.0411976	-.030998	.0224430	2.465246
Stddev	.006497	.0172565	.0006085	.0003696	.116727	.0009734	.010367
%RSD	.2466014	2.850316	3.071629	.8972319	376.5629	4.337311	.4205213

#1	2.627445	.5924777	.0204585	.0409009	-.150384	.0218084	2.456829
#2	2.639837	.5987808	.0197184	.0416117	.082875	.0235637	2.476826
#3	2.637028	.6250157	.0192518	.0410802	-.025486	.0219568	2.462084

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5321356	.6415410	.1490520	.0116643	1.260621	.4931057	.2734238
Stddev	.0340049	.0047400	.0011484	.0001045	.015326	.0039608	.0011659
%RSD	6.390270	.7388487	.7704784	.8960229	1.215744	.8032423	.4263999

#1	.5302258	.6400358	.1477773	.0117849	1.271991	.4909897	.2747662
#2	.5670552	.6468508	.1493729	.0116046	1.266681	.4906522	.2728413
#3	.4991259	.6377363	.1500059	.0116033	1.243192	.4976751	.2726640

Sample Name: K4732-04DLX10 Acquired: 09/13/2019 17:51:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FD9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1227835	.0015281	.0344930
Stddev	.0006610	.0007801	.0001141
%RSD	.5383826	51.05038	.3308526

#1	.1222013	.0023749	.0345813
#2	.1235021	.0013705	.0343641
#3	.1226471	.0008388	.0345336

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.818	2625.540	41420.73	8173.925	2716.931
Stddev	3.569	2.751	173.24	41.719	6.905
%RSD	.2528017	.1047834	.4182491	.5103933	.2541387

#1	1415.569	2622.893	41308.02	8195.717	2710.192
#2	1411.420	2628.385	41333.96	8200.235	2723.990
#3	1408.465	2625.342	41620.21	8125.822	2716.611

Sample Name: K4732-07DLX10 Acquired: 09/13/2019 18:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1561025	.0162353	3.374586	-.003253	.0479040	3.151638
Stddev	.0010080	.0038985	.009437	.002835	.0003961	.008478
%RSD	.6457399	24.01257	.2796361	87.16700	.8269492	.2689924

#1	.1558058	.0119762	3.369151	-.004974	.0479156	3.143036
#2	.1552760	.0196273	3.369124	.000020	.0482942	3.151892
#3	.1572255	.0171023	3.385482	-.004804	.0475022	3.159985

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2557247	.0074031	.0010105	3.221850	-.004898	.1116835
Stddev	.0016260	.0001241	.0001312	.087188	.000833	.0000974
%RSD	.6358337	1.676716	12.98401	2.706160	17.01471	.0871864

#1	.2538622	.0072719	.0010313	3.125842	-.004179	.1116361
#2	.2564501	.0074186	.0008701	3.243610	-.005812	.1116188
#3	.2568617	.0075187	.0011300	3.296097	-.004703	.1117954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.10384	599.9706	3.499601	.4513588	.1933532	.0120761
Stddev	.00433	2.8199	.014549	.0180494	.0001616	.0001857
%RSD	.0084658	.4700033	.4157377	3.998901	.0835935	1.537635

#1	51.10263	596.7145	3.484286	.4307590	.1934266	.0120325
#2	51.10865	601.6106	3.513239	.4589173	.1931679	.0122797
#3	51.10026	601.5866	3.501277	.4644002	.1934651	.0119160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.35168	.1684775	7.635362	.3315548	3.964400	.8606474
Stddev	.19897	.0012923	.078982	.0694342	.025283	.0060828
%RSD	14.72017	.7670335	1.034428	20.94200	.6377557	.7067666

#1	-1.12562	.1697649	7.629446	.3784055	3.947821	.8579092
#2	-1.50024	.1684873	7.559503	.2517835	3.951879	.8564150
#3	-1.42918	.1671804	7.717135	.3644755	3.993500	.8676180

Sample Name: K4732-07DLX10 Acquired: 09/13/2019 18:03:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089704	1.515302	1.222193	3.439703	.3734705	.0004821
Stddev	.0006618	.011300	.014848	.011790	.0008129	.0028378
%RSD	7.377582	.7457252	1.214846	.3427561	.2176515	588.6290
#1	.0097061	1.515688	1.212270	3.433934	.3733549	.0026002
#2	.0087817	1.503815	1.239263	3.431910	.3743350	-.002742
#3	.0084235	1.526405	1.215047	3.453267	.3727217	.001588

Elem	Sr4077
Units	ppm
Avg	.0560661
Stddev	.0001717
%RSD	.3063218
#1	.0561998
#2	.0561261
#3	.0558724

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.894	2509.678	40681.36	8045.077	2665.435
Stddev	9.361	8.098	152.87	42.541	7.552
%RSD	.6838568	.3226618	.3757710	.5287879	.2833238
#1	1365.785	2503.624	40664.79	8068.350	2664.017
#2	1379.415	2518.876	40841.83	7995.977	2673.595
#3	1361.484	2506.534	40537.45	8070.905	2658.693

Sample Name: K4732-06DLX10 Acquired: 09/13/2019 17:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2884385	.0036458	3.943315	-.002400	.0268323	3.579655	.1040622
Stddev	.0035859	.0021523	.009930	.002179	.0019072	.003330	.0005830
%RSD	1.243221	59.03546	.2518183	90.80207	7.107724	.0930211	.5602621

#1	.2879812	.0046693	3.950723	-.004914	.0290327	3.582620	.1041683
#2	.2922311	.0050954	3.932032	-.001034	.0258086	3.576052	.1034335
#3	.2851031	.0011727	3.947190	-.001253	.0256555	3.580294	.1045850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025870	.0055856	1.832263	-.004377	.0187246	22.63678	151.9859
Stddev	.0001285	.0000850	.016208	.000236	.0001729	.03934	.2173
%RSD	4.968388	1.521782	.8845755	5.398058	.9235317	.1738071	.1429501

#1	.0024404	.0056599	1.850713	-.004396	.0186633	22.60915	152.2047
#2	.0026806	.0054929	1.820320	-.004603	.0185907	22.68183	151.7702
#3	.0026399	.0056039	1.825757	-.004131	.0189198	22.61936	151.9826

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.742324	.7578113	.0300113	.0626743	-.191571	.0398945	3.800207
Stddev	.007882	.0217837	.0005366	.0002234	.358391	.0030625	.031021
%RSD	.2874056	2.874556	1.788167	.3563999	187.0797	7.676376	.8162894

#1	2.744923	.7429533	.0306103	.0627450	-.485709	.0369490	3.813862
#2	2.733471	.7476630	.0298492	.0624241	-.296606	.0396727	3.764701
#3	2.748577	.7828175	.0295744	.0628537	.207601	.0430618	3.822058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5480053	1.076284	.2118899	.0186957	1.395884	.8265035	1.281152
Stddev	.0455401	.003980	.0015422	.0003084	.007444	.0074296	.005103
%RSD	8.310151	.3698155	.7278201	1.649513	.5332910	.8989168	.3983157

#1	.5552608	1.080681	.2136638	.0189216	1.395050	.8179373	1.279090
#2	.5894820	1.075244	.2108677	.0183443	1.388892	.8311914	1.277402
#3	.4992730	1.072927	.2111382	.0188211	1.403710	.8303818	1.286963

Sample Name: K4732-06DLX10 Acquired: 09/13/2019 17:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0817763	.0018287	.0245342
Stddev	.0008439	.0013464	.0000699
%RSD	1.031999	73.62608	.2847060

#1	.0817538	.0026050	.0246140
#2	.0826313	.0002740	.0245044
#3	.0809439	.0026071	.0244843

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.583	2639.827	41768.19	8259.170	2719.877
Stddev	15.642	7.419	470.40	30.286	8.664
%RSD	1.095679	.2810380	1.126224	.3666956	.3185541

#1	1410.854	2640.243	41231.13	8224.805	2712.045
#2	1441.844	2647.030	42107.14	8270.738	2729.184
#3	1430.049	2632.210	41966.28	8281.968	2718.402

Sample Name: CCV066 Acquired: 09/13/2019 18:15:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.887296	4.999469	25.03097	4.846226	4.904985	396.8908	10.14804
Stddev	.004590	.009505	.04379	.012930	.013279	.5996	.09991
%RSD	.0939087	.1901273	.1749361	.2668046	.2707320	.1510856	.9845344

#1	4.882415	5.008137	25.03670	4.860232	4.905054	396.8262	10.05274
#2	4.887951	5.000967	24.98460	4.843701	4.918230	396.3261	10.13939
#3	4.891523	4.989304	25.07162	4.834745	4.891672	397.5202	10.25199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5142834	2.520802	408.4988	15.55995	2.544242	15.15465	410.6707
Stddev	.0042182	.007194	2.0722	.03313	.004421	.00895	1.1551
%RSD	.8202009	.2853925	.5072617	.2128997	.1737496	.0590825	.2812661

#1	.5108732	2.524278	408.9727	15.52938	2.545556	15.16496	410.3276
#2	.5129769	2.512530	406.2308	15.55532	2.539314	15.15013	409.7261
#3	.5190003	2.525598	410.2930	15.59515	2.547857	15.14885	411.9585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98914	403.0583	2.552823	1.257900	406.4211	2.512388	15.03551
Stddev	.06129	1.1371	.003369	.001421	1.8052	.006157	.05587
%RSD	.4088861	.2821274	.1319809	.1129956	.4441723	.2450777	.3716157

#1	15.00947	402.5049	2.554543	1.258514	406.5760	2.507071	15.01078
#2	14.92027	402.3038	2.548941	1.256275	404.5434	2.510958	15.09949
#3	15.03768	404.3662	2.554985	1.258911	408.1438	2.519134	14.99628

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.2206	5.304135	5.414177	4.922647	5.187731	4.958219	5.102365
Stddev	.2060	.006399	.034672	.006227	.015017	.044396	.018840
%RSD	.1327286	.1206496	.6404015	.1265010	.2894715	.8954029	.3692456

#1	155.3412	5.309853	5.387670	4.929833	5.204973	4.926742	5.118311
#2	155.3379	5.297223	5.401445	4.918830	5.177518	4.938915	5.081576
#3	154.9827	5.305328	5.453415	4.919277	5.180701	5.008999	5.107208

Sample Name: CCV066 Acquired: 09/13/2019 18:15:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV066 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.060941	5.132392	5.123416
Stddev	.015313	.045260	.063231
%RSD	.3025735	.8818455	1.234148

#1	5.074333	5.136358	5.129071
#2	5.044246	5.085279	5.183629
#3	5.064245	5.175538	5.057548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1144.014	2169.881	36481.11	7668.625	2154.128
Stddev	5.602	1.947	120.65	20.174	5.076
%RSD	.4896781	.0897238	.3307163	.2630759	.2356323

#1	1144.029	2170.382	36353.92	7673.316	2154.602
#2	1138.404	2171.529	36495.49	7686.040	2158.951
#3	1149.608	2167.733	36593.93	7646.518	2148.833

Sample Name: K4732-08DLX10 Acquired: 09/13/2019 18:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0FE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3623739	.0028314	6.302583	.0025421	.0178757	3.724429	.1065556
Stddev	.0022669	.0021393	.010891	.0039022	.0020479	.025328	.0002292
%RSD	.6255688	75.55676	.1728086	153.5007	11.45638	.6800472	.2150721

#1	.3636141	.0048087	6.299421	-.001076	.0184119	3.709591	.1064632
#2	.3597575	.0005604	6.293622	.006677	.0196022	3.753674	.1068166
#3	.3637501	.0031250	6.314705	.002025	.0156131	3.710023	.1063871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011900	.0126750	1.625192	.0018323	.0070224	1.094565	62.70661
Stddev	.0000356	.0000626	.004118	.0003173	.0001436	.004177	.32924
%RSD	2.994330	.4939877	.2533975	17.31881	2.045000	.3816535	.5250467

#1	.0011640	.0127334	1.620917	.0018237	.0069239	1.095105	62.55738
#2	.0012306	.0126089	1.629133	.0021538	.0069562	1.098447	63.08404
#3	.0011753	.0126828	1.625526	.0015193	.0071872	1.090144	62.47841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.495320	.9398849	.0106119	.1572265	.1521127	.0365144	5.295116
Stddev	.019732	.0066414	.0004987	.0008458	.2032099	.0007567	.025797
%RSD	.4389377	.7066137	4.699411	.5379834	133.5916	2.072436	.4871931

#1	4.490176	.9475467	.0111870	.1569417	.2575705	.0370083	5.292584
#2	4.517114	.9363365	.0103511	.1565599	.2809141	.0368917	5.270678
#3	4.478670	.9357713	.0102977	.1581781	-.082146	.0356432	5.322086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7469072	.7761348	.0868891	.0246671	2.175727	.5457631	.0939683
Stddev	.0621126	.0038334	.0010762	.0001237	.004530	.0042657	.0007488
%RSD	8.315967	.4939053	1.238587	.5013133	.2082221	.7816054	.7968339

#1	.7071736	.7794010	.0863574	.0246142	2.176064	.5452252	.0931117
#2	.8184838	.7719145	.0861823	.0245788	2.171038	.5502723	.0944981
#3	.7150643	.7770889	.0881277	.0248084	2.180079	.5417919	.0942952

Sample Name: K4732-08DLX10 Acquired: 09/13/2019 18:07:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0FE3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0891069	.0019417	.0185015
Stddev	.0007486	.0008185	.0000658
%RSD	.8400908	42.15422	.3557759

#1	.0892382	.0010946	.0184398
#2	.0897811	.0027282	.0184940
#3	.0883014	.0020024	.0185708

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.183	2672.040	42028.78	8325.388	2735.183
Stddev	3.791	4.640	210.90	64.658	3.386
%RSD	.2623252	.1736657	.5017947	.7766310	.1237943

#1	1440.935	2675.278	42134.40	8331.612	2733.416
#2	1448.220	2674.119	42165.99	8257.844	2739.087
#3	1446.396	2666.724	41785.94	8386.709	2733.046

Sample Name: CCB066 Acquired: 09/13/2019 18:19:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001174	.0025896	.0006676	.0020873	-.001052	.0148089	.0011269
Stddev	.000941	.0020600	.0011476	.0034431	.000531	.0025880	.0000962
%RSD	80.16122	79.54723	171.9032	164.9587	50.48287	17.47573	8.534367

#1	-.000205	.0028919	-.000657	.0054518	-.000544	.0121479	.0012330
#2	-.002085	.0044817	.001320	.0022394	-.001008	.0173170	.0010456
#3	-.001233	.0003952	.001340	-.001429	-.001603	.0149618	.0011020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000411	.0000059	.0062860	.0001171	.0002433	.0022570	.0133353
Stddev	.0000474	.0000554	.0037786	.0006309	.0002319	.0007474	.0046840
%RSD	115.3004	932.2795	60.11120	538.5918	95.30950	33.11373	35.12478

#1	-.000013	-.000035	.0106164	-.000554	.0004944	.0014036	.0173275
#2	.000074	.000069	.0036584	.000208	.0000373	.0027952	.0144994
#3	.000063	-.000016	.0045833	.000698	.0001982	.0025720	.0081790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008337	.0117739	-.000413	.0000483	.0536492	-.000241	-.000552
Stddev	.0002827	.0085758	.000268	.0000882	.1226560	.000724	.001099
%RSD	33.91216	72.83778	64.97221	182.6293	228.6260	300.6077	199.0876

#1	.0008205	.0195110	-.000116	-.000054	.0359779	-.000713	.000655
#2	.0011227	.0132577	-.000484	.000100	.1841824	.000593	-.000816
#3	.0005577	.0025530	-.000638	.000099	-.059213	-.000603	-.001494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166880	-.003933	.0120203	.0005017	-.002992	.0017526	.0015777
Stddev	.0931305	.000993	.0014434	.0003266	.002432	.0006497	.0010410
%RSD	79.81155	25.25468	12.00830	65.10348	81.28042	37.07168	65.98107

#1	.1412519	-.004326	.0136338	.0007689	-.000963	.0023874	.0020433
#2	.1950744	-.002803	.0108519	.0005987	-.005688	.0017815	.0023045
#3	.0137377	-.004669	.0115751	.0001376	-.002326	.0010890	.0003852

Sample Name: CCB066 Acquired: 09/13/2019 18:19:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v968) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB066 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002196	.0024539	.0002036
Stddev	.0001776	.0021531	.0000965
%RSD	80.87454	87.74273	47.40377

#1	.0000595	.0002818	.0002721
#2	.0004107	.0045875	.0002457
#3	.0001887	.0024923	.0000932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.530	2598.258	40809.67	8056.483	2739.411
Stddev	9.361	7.744	299.47	56.629	7.434
%RSD	.6669592	.2980643	.7338331	.7029049	.2713875

#1	1409.253	2605.935	41136.46	8112.700	2735.053
#2	1392.727	2598.390	40744.22	7999.450	2747.995
#3	1408.610	2590.448	40548.34	8057.300	2735.185