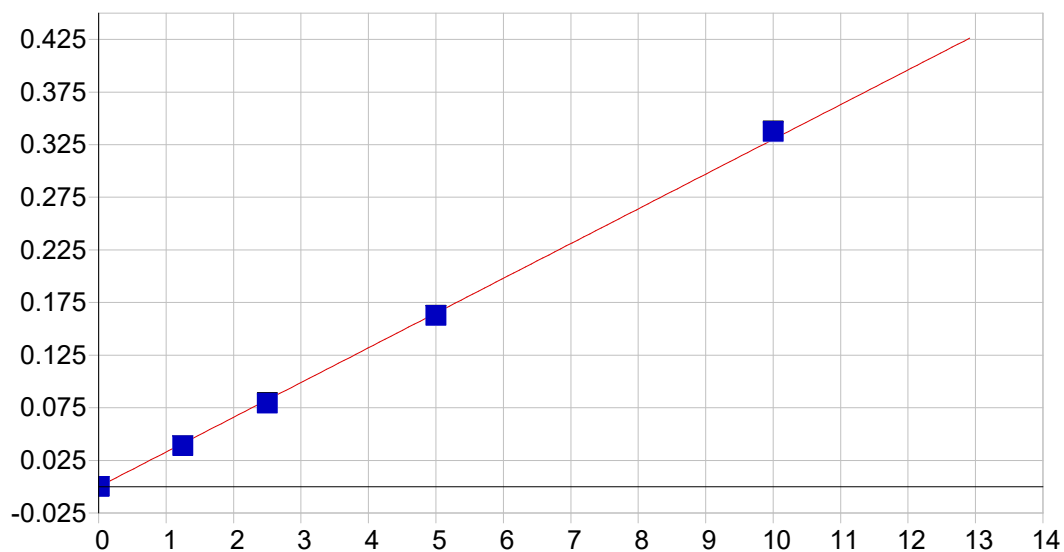


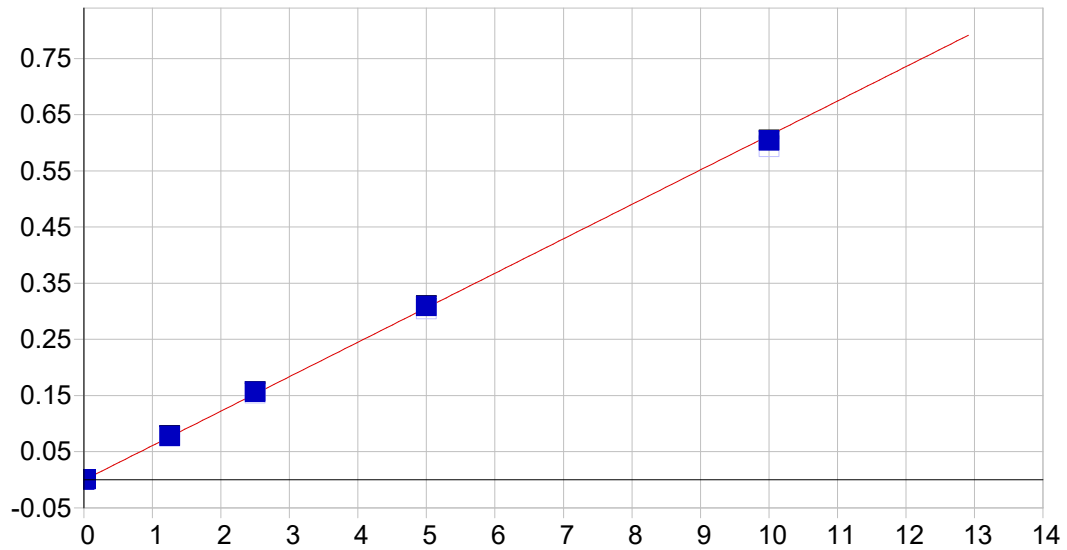


As 189.042 {479}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000092 Re-Slope: 1.000000
 A1 (Gain): 0.033013 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999645 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.003373
 Predicted MQL: 0.011243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.01000	.01131	.001	13.1	.00028	.000	1
S2	1.2500	1.1839	-.066	-5.28	.03890	.000	1
S3	2.5000	2.4054	-.095	-3.78	.07912	.000	1
S4	5.0000	4.9328	-.067	-1.34	.16236	.000	1
S5	10.000	10.227	.227	2.27	.33673	.000	1

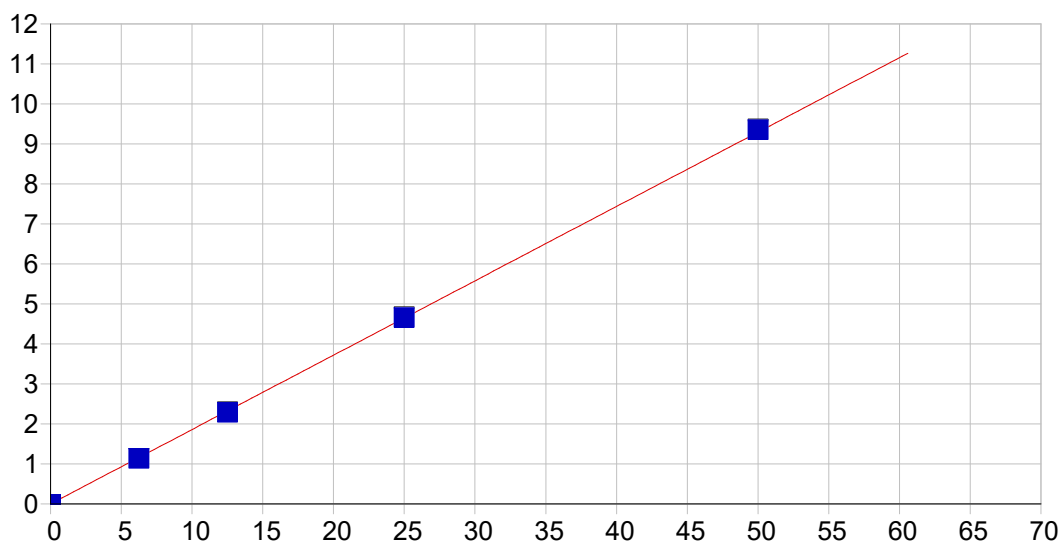


TI 190.856 {477}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.061341 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999858 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.001884
 Predicted MQL: 0.006281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.02500	.02575	.001	3.01	.00119	.000	1
S2	1.2500	1.2846	.035	2.77	.07705	.000	1
S3	2.5000	2.5578	.058	2.31	.15374	.000	1
S4	5.0000	5.0553	.055	1.11	.30411	.000	1
S5	10.000	9.8516	-.148	-1.48	.59267	.002	1

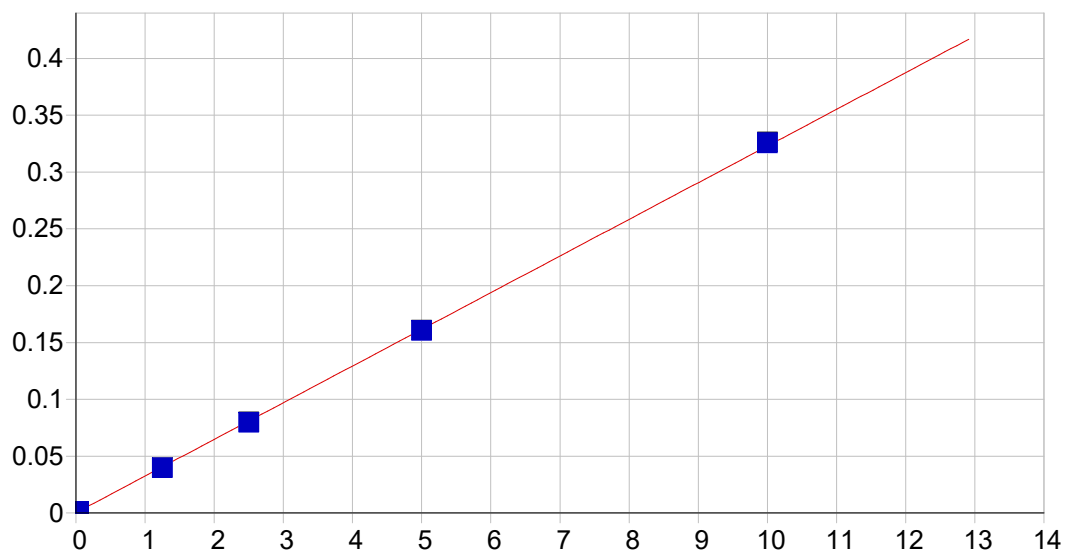


Pb 220.353 {453}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000417 Re-Slope: 1.000000
 A1 (Gain): 0.185891 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.001504
 Predicted MQL: 0.005014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.01000	.00885	-.001	-11.5	.00206	.000	1
S2	6.2500	6.0933	-.157	-2.51	1.1333	.002	1
S3	12.500	12.307	-.193	-1.55	2.2886	.005	1
S4	25.000	25.062	.062	.248	4.6602	.009	1
S5	50.000	50.289	.289	.578	9.3506	.021	1

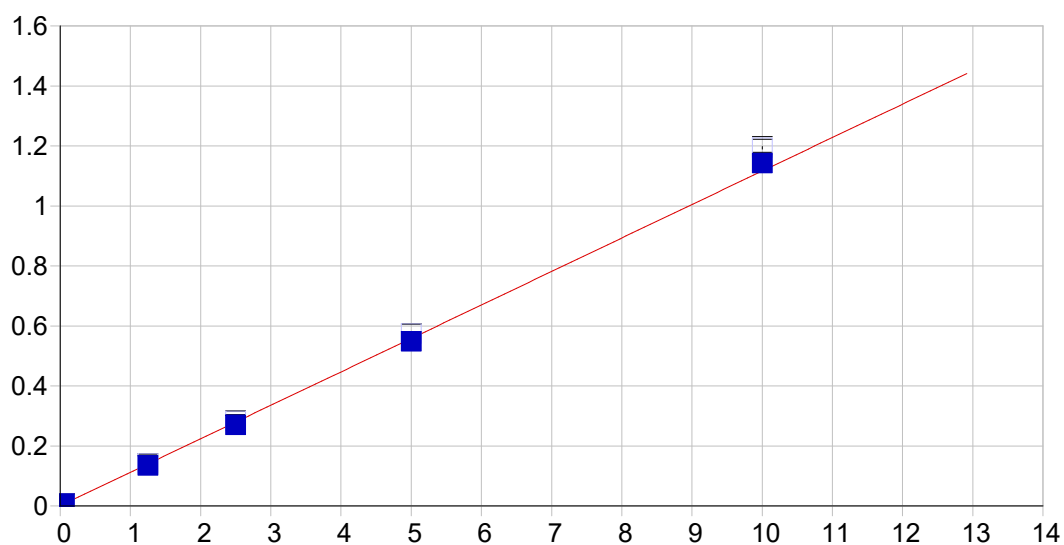


Se 196.090 {472}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000199 Re-Slope: 1.000000
 A1 (Gain): 0.032276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.004121
 Predicted MQL: 0.013737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.03500	.03206	-.003	-8.41	.00123	.000	1
S2	1.2500	1.2275	-.022	-1.80	.03971	.000	1
S3	2.5000	2.4651	-.035	-1.40	.07955	.000	1
S4	5.0000	4.9702	-.030	-.596	.16019	.000	1
S5	10.000	10.090	.090	.901	.32502	.001	1

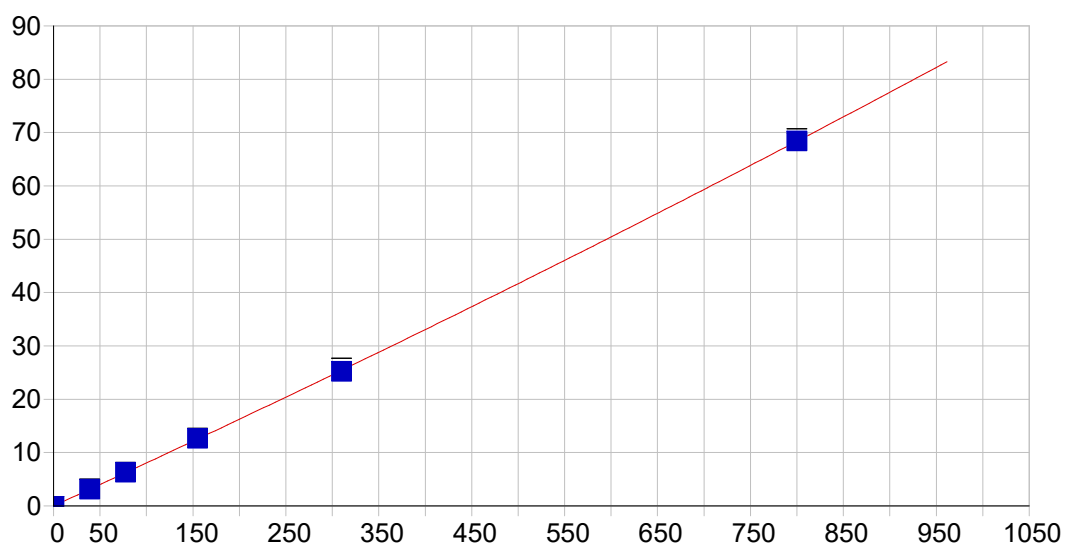


Sb 206.833 {463}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000430 Re-Slope: 1.000000
 A1 (Gain): 0.111576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000119
 Predicted MDL: 0.001753
 Predicted MQL: 0.005842

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.06000	.06259	.003	4.32	.00742	.000	1
S2	1.2500	1.1964	-.054	-4.29	.14034	.000	1
S3	2.5000	2.4128	-.087	-3.49	.28248	.001	1
S4	5.0000	4.9062	-.094	-1.88	.57353	.001	1
S5	10.000	10.232	.232	2.32	1.1935	.004	1

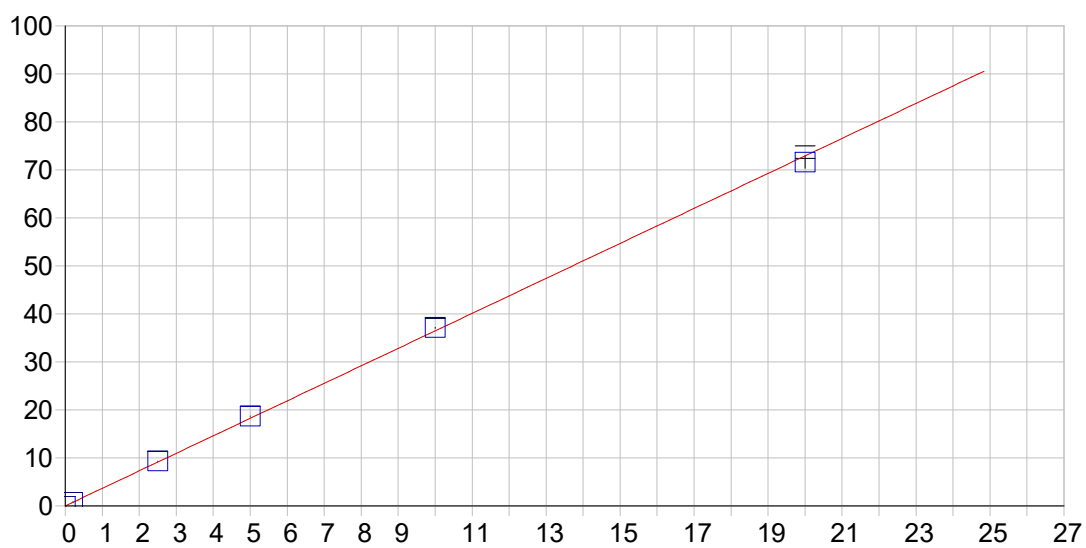


AI 396.152 { 85}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.003437	Re-Slope:	1.000000
A1 (Gain):	0.079828	Y-int:	0.000000
A2 (Curvature):	0.000007		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	Warning Positive Curvature
Std Error of Est:	0.000283		
Predicted MDL:	0.011616		
Predicted MQL:	0.038720		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00344	.000	1
S1	.20000	.21090	.011	5.45	.02055	.001	1
S2	38.750	38.952	.202	.521	3.1298	.025	1
S3	77.500	78.039	.539	.695	6.2884	.026	1
S4	155.00	156.08	1.08	.698	12.659	.049	1
S5	310.00	307.53	-2.47	-.796	25.269	.572	1
S6	800.00	800.64	.639	.080	68.470	.408	1

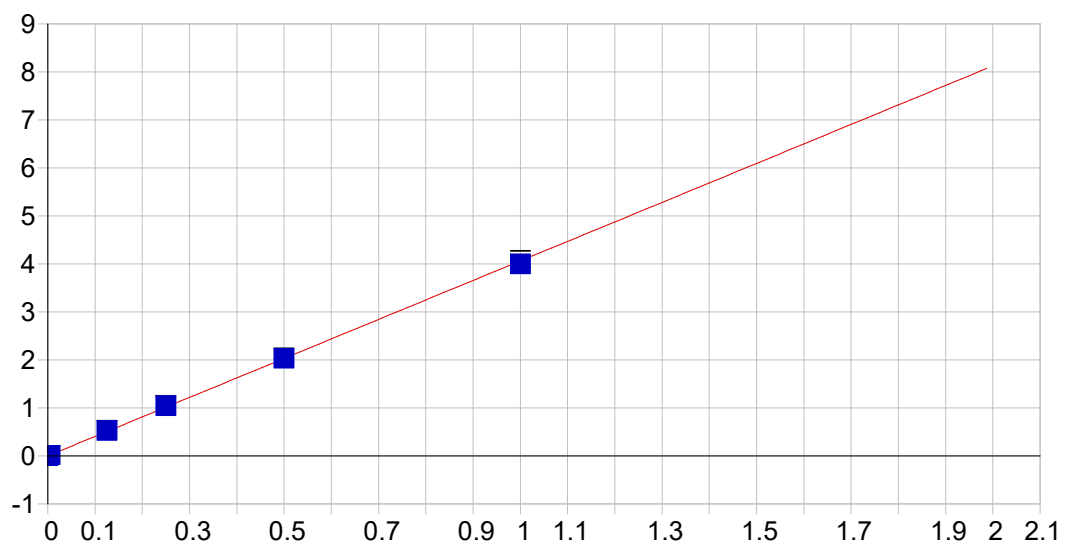


Ba 493.409 { 68}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.017156 Re-Slope: 1.000000
 A1 (Gain): 3.644916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.007464
 Predicted MDL: 0.000626
 Predicted MQL: 0.002087

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.01708	.001	1
S1	.20000	.21287	.013	6.44	.79306	.004	1
S2	2.5000	2.5491	.049	1.96	9.3082	.039	1
S3	5.0000	5.1183	.118	2.37	18.673	.035	1
S4	10.000	10.175	.175	1.75	37.106	.107	1
S5	20.000	19.644	-.356	-1.78	71.619	1.31	1

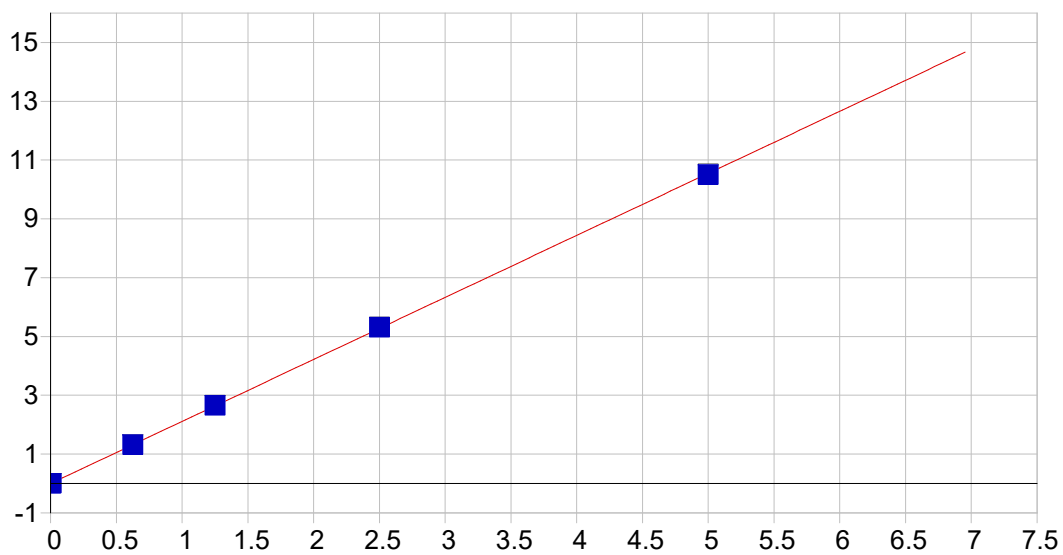


Be 234.861 {144}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000655	Re-Slope:	1.000000
A1 (Gain):	4.062834	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999800	Status:	OK.
Std Error of Est:	0.000304		
Predicted MDL:	0.000083		
Predicted MQL:	0.000275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00066	.000	1
S1	.00500	.00559	.001	11.9	.02206	.001	1
S2	.12500	.13022	.005	4.18	.52674	.002	1
S3	.25000	.25768	.008	3.07	1.0429	.005	1
S4	.50000	.50131	.001	.262	2.0294	.007	1
S5	1.0000	.98518	-.015	-1.48	3.9885	.069	1

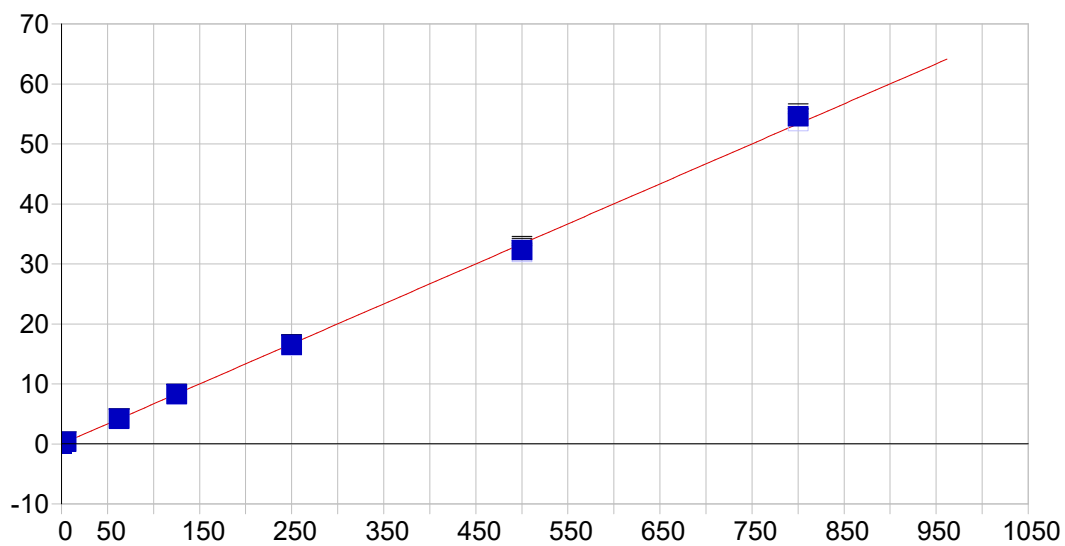


Cd 214.438 {457}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	2.109722	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.000082		
Predicted MQL:	0.000274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.00500	.00533	.000	6.60	.01123	.000	1
S2	.62500	.62492	-.000	-.012	1.3204	.002	1
S3	1.2500	1.2570	.007	.558	2.6559	.002	1
S4	2.5000	2.5158	.016	.633	5.3158	.001	1
S5	5.0000	4.9769	-.023	-.461	10.516	.007	1

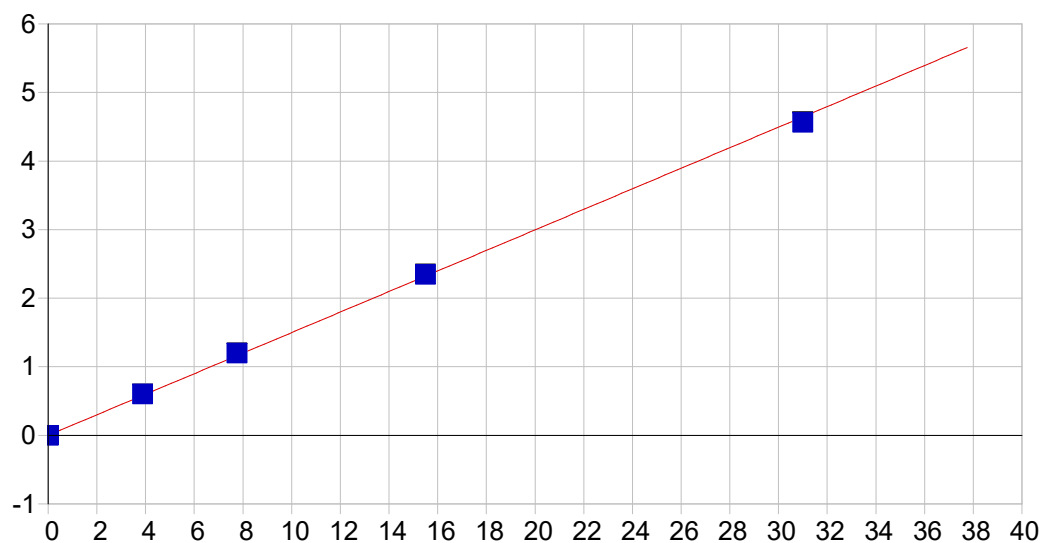


Ca 373.690 { 90}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000439 Re-Slope: 1.000000
 A1 (Gain): 0.066675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999713 Status: OK.
 Std Error of Est: 0.005516
 Predicted MDL: 0.011970
 Predicted MQL: 0.039900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00013	-.000	.000	.00043	.001	1
S1	5.0000	5.2512	.251	5.02	.35046	.001	1
S2	62.500	62.525	.025	.040	4.1320	.009	1
S3	125.00	124.10	-.903	-.722	8.2000	.020	1
S4	250.00	247.50	-2.50	-.999	16.353	.056	1
S5	500.00	484.36	-15.6	-3.13	31.997	.614	1
S6	800.00	818.88	18.9	2.36	53.803	.419	1

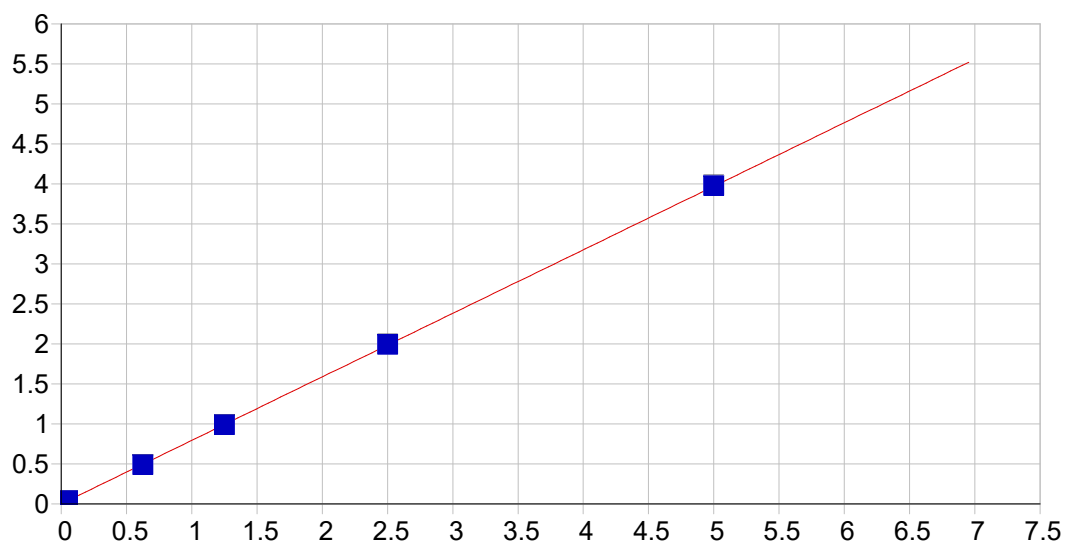


Cr 267.716 {126}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.149810 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.000493
 Predicted MQL: 0.001645

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00000	.000	1
S1	.01000	.01161	.002	16.1	.00174	.000	1
S2	3.8750	4.0207	.146	3.76	.60307	.000	1
S3	7.7500	7.9906	.241	3.10	1.1985	.001	1
S4	15.500	15.649	.149	.963	2.3473	.004	1
S5	31.000	30.463	-.537	-1.73	4.5694	.008	1

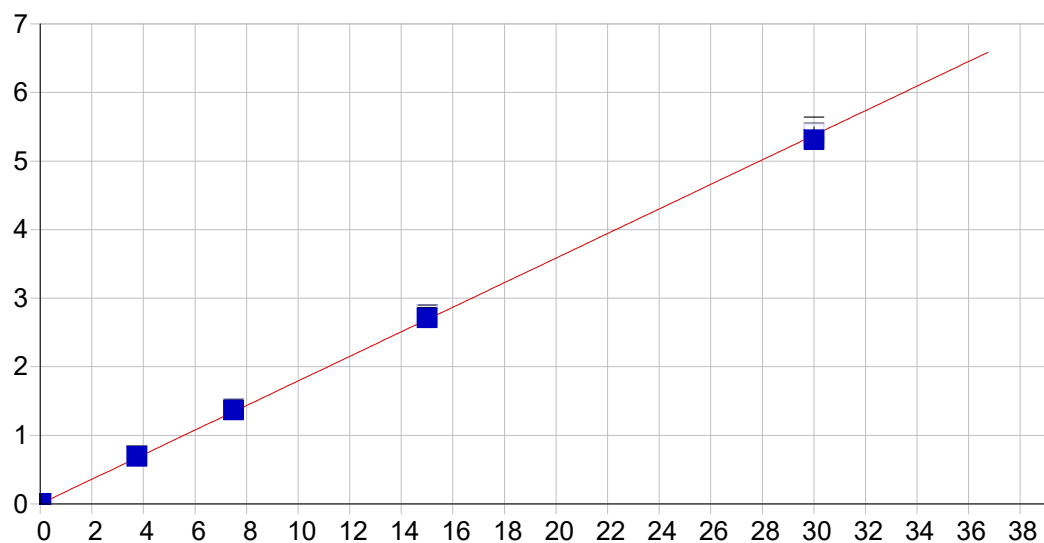


Co 228.616 {448}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000253 Re-Slope: 1.000000
 A1 (Gain): 0.793996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000244
 Predicted MQL: 0.000812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00025	.000	1
S1	.05000	.05050	.000	.991	.04049	.000	1
S2	.62500	.61368	-.011	-1.81	.48830	.001	1
S3	1.2500	1.2435	-.007	-.520	.98916	.002	1
S4	2.5000	2.5083	.008	.332	1.9950	.003	1
S5	5.0000	5.0090	.009	.181	3.9837	.001	1

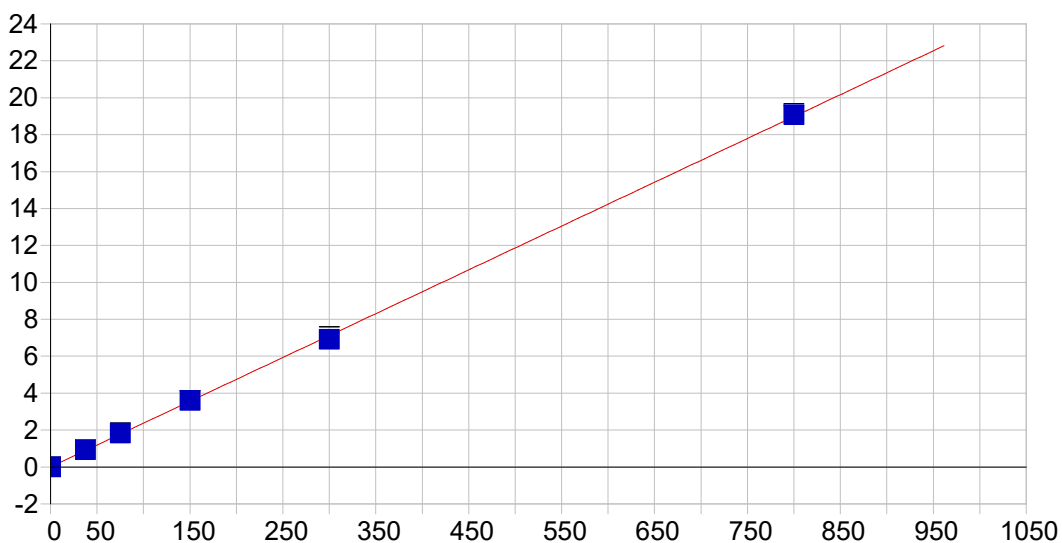


Cu 324.754 {104}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001344 Re-Slope: 1.000000
 A1 (Gain): 0.179172 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000112
 Predicted MDL: 0.002922
 Predicted MQL: 0.009741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00134	.000	1
S1	.02500	.02634	.001	5.36	.00696	.000	1
S2	3.7500	3.8519	.102	2.72	.70228	.003	1
S3	7.5000	7.6226	.123	1.64	1.3887	.001	1
S4	15.000	15.138	.138	.917	2.7567	.005	1
S5	30.000	29.636	-.364	-1.21	5.3976	.099	1

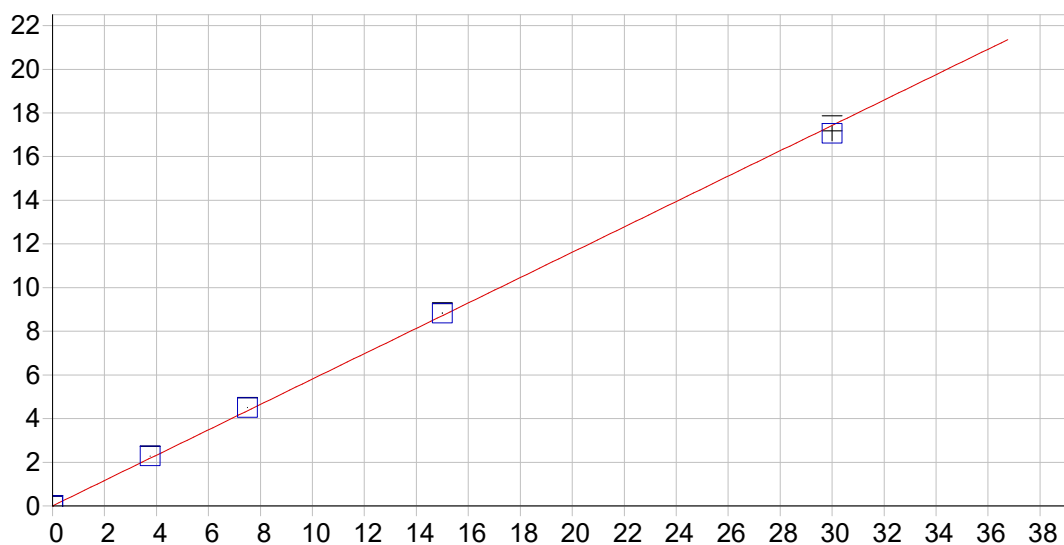


Fe 259.837 {130}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000063 Re-Slope: 1.000000
 A1 (Gain): 0.023728 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999832 Status: OK.
 Std Error of Est: 0.000190
 Predicted MDL: 0.009910
 Predicted MQL: 0.033035

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00006	.000	1
S1	.10000	.10908	.009	9.08	.00275	.000	1
S2	37.500	39.302	1.80	4.81	.93447	.005	1
S3	75.000	77.282	2.28	3.04	1.8375	.005	1
S4	150.00	151.30	1.30	.866	3.5975	.005	1
S5	300.00	290.93	-9.07	-3.02	6.9180	.149	1
S6	800.00	803.68	3.68	.460	19.094	.057	1

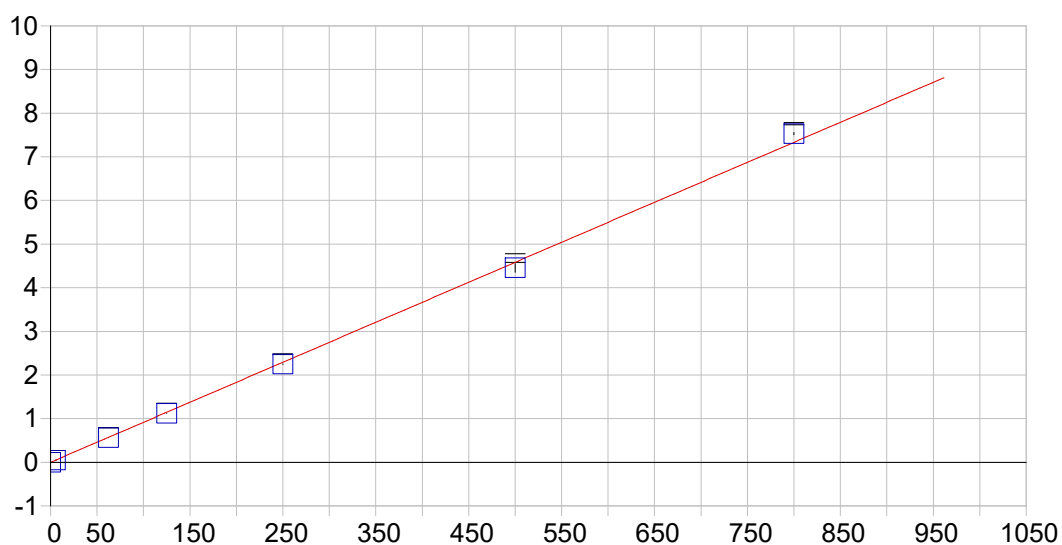


Mn 257.610 {131}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000283 Re-Slope: 1.000000
 A1 (Gain): 0.580971 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999707 Status: OK.
 Std Error of Est: 0.000500
 Predicted MDL: 0.000464
 Predicted MQL: 0.001547

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.01500	.01714	.002	14.2	.01024	.000	1
S2	3.7500	3.9310	.181	4.83	2.2841	.005	1
S3	7.5000	7.7481	.248	3.31	4.5017	.007	1
S4	15.000	15.197	.197	1.31	8.8293	.024	1
S5	30.000	29.372	-.628	-2.09	17.064	.346	1

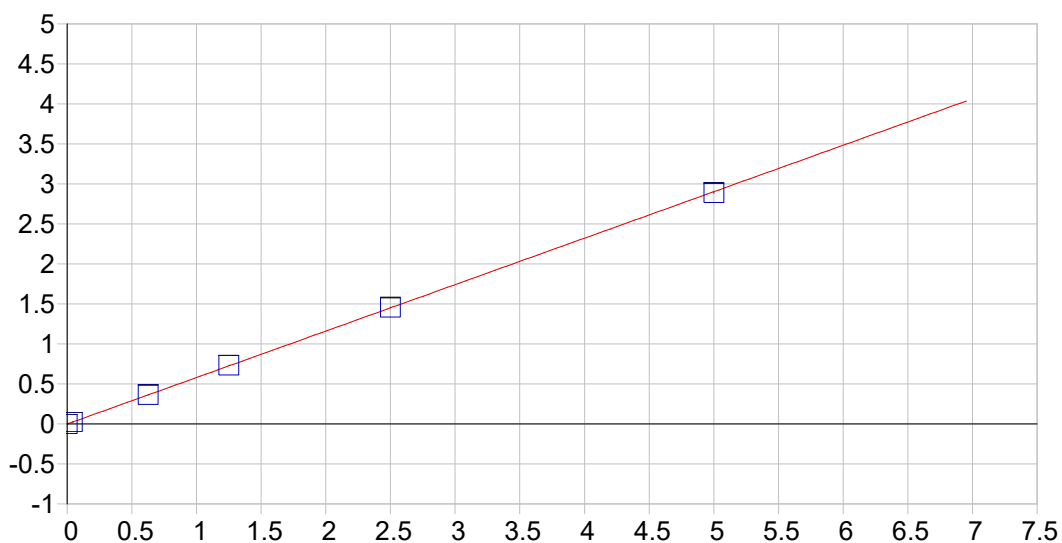


Mg 279.079 {121}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000198	Re-Slope:	1.000000
A1 (Gain):	0.009165	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999674	Status:	OK.
Std Error of Est:	0.000817		
Predicted MDL:	0.031143		
Predicted MQL:	0.103811		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	-.00020	.000	1
S1	5.0000	5.1989	.199	3.98	.04745	.000	1
S2	62.500	61.432	-1.07	-1.71	.56285	.004	1
S3	125.00	122.46	-2.54	-2.03	1.1222	.004	1
S4	250.00	245.65	-4.35	-1.74	2.2513	.007	1
S5	500.00	486.01	-14.0	-2.80	4.4543	.099	1
S6	800.00	821.74	21.7	2.72	7.5315	.025	1

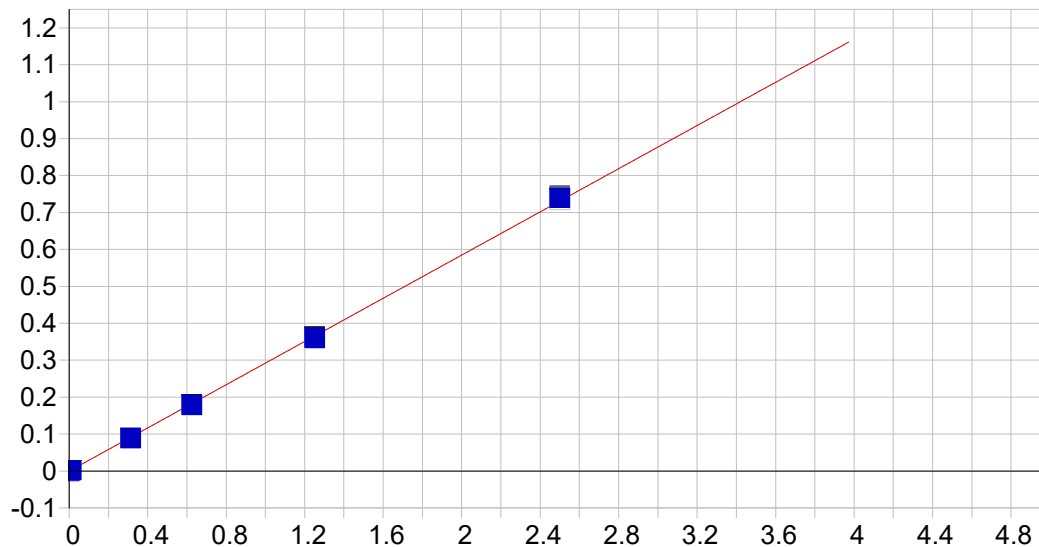


Ni 231.604 {446}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000890	Re-Slope:	1.000000
A1 (Gain):	0.580671	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.000378		
Predicted MQL:	0.001260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00089	.000	1
S1	.04000	.04230	.002	5.75	.02367	.000	1
S2	.62500	.62739	.002	.382	.36342	.001	1
S3	1.2500	1.2597	.010	.776	.73058	.000	1
S4	2.5000	2.5089	.009	.358	1.4560	.003	1
S5	5.0000	4.9767	-.023	-.467	2.8889	.004	1

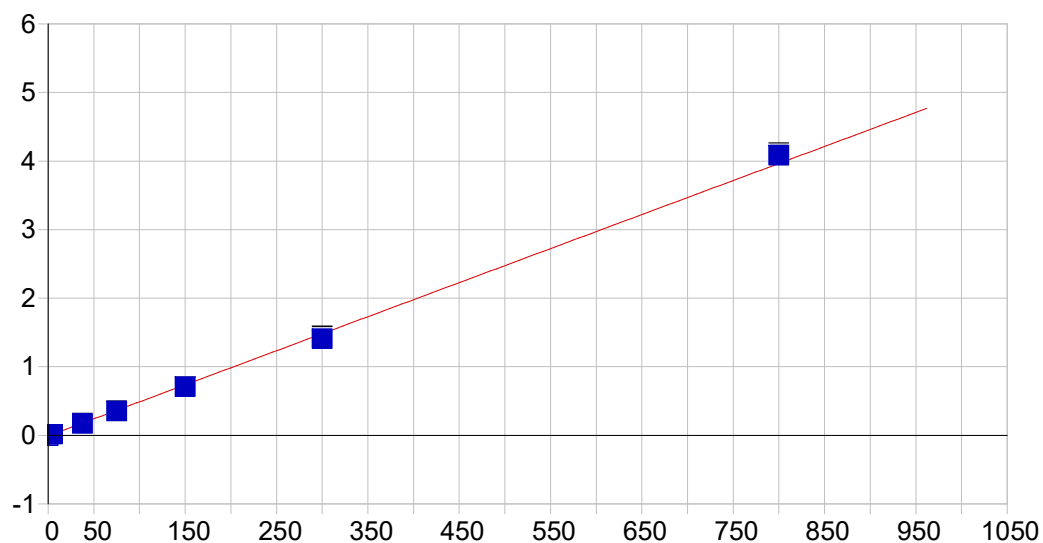


Ag 328.068 {103}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000772 Re-Slope: 1.000000
 A1 (Gain): 0.292574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000455
 Predicted MQL: 0.001518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00077	.000	1
S1	.01000	.01068	.001	6.77	.00233	.000	1
S2	.31250	.30532	-.007	-2.30	.08777	.000	1
S3	.62500	.61419	-.011	-1.73	.17736	.001	1
S4	1.2500	1.2362	-.014	-1.10	.35778	.003	1
S5	2.5000	2.5311	.031	1.24	.73350	.005	1

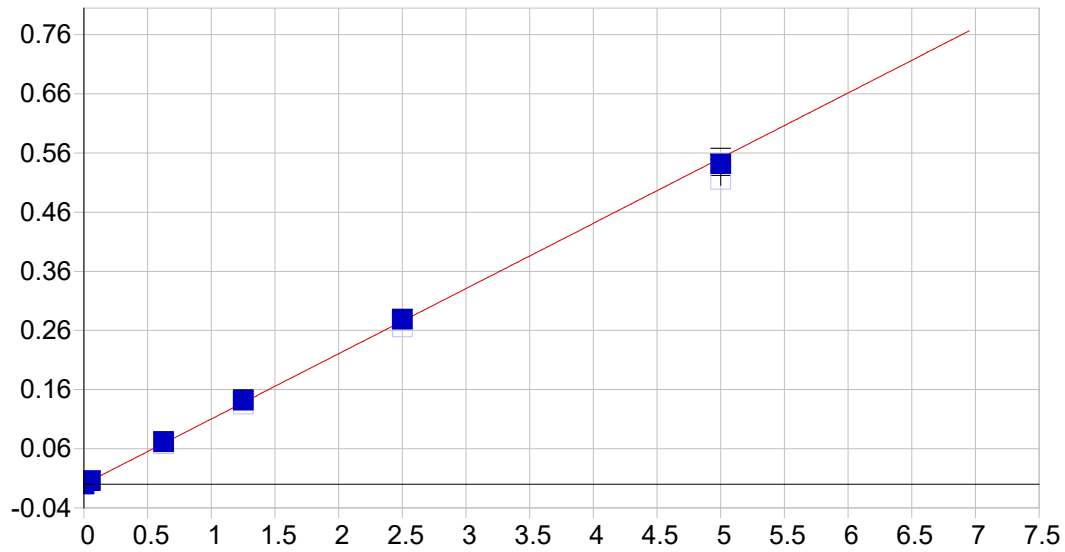


Na 818.326 { 41}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.007870	Re-Slope:	1.000000
A1 (Gain):	0.004965	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999364	Status:	OK.
Std Error of Est:	0.000550		
Predicted MDL:	0.300303		
Predicted MQL:	1.001011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00042	.000	.000	-.00787	.001	1
S1	5.0000	5.1734	.173	3.47	.01782	.001	1
S2	37.500	36.450	-1.05	-2.80	.17395	.002	1
S3	75.000	72.631	-2.37	-3.16	.35443	.000	1
S4	150.00	143.86	-6.14	-4.09	.70979	.005	1
S5	300.00	285.61	-14.4	-4.80	1.4169	.031	1
S6	800.00	823.77	23.8	2.97	4.1001	.018	1

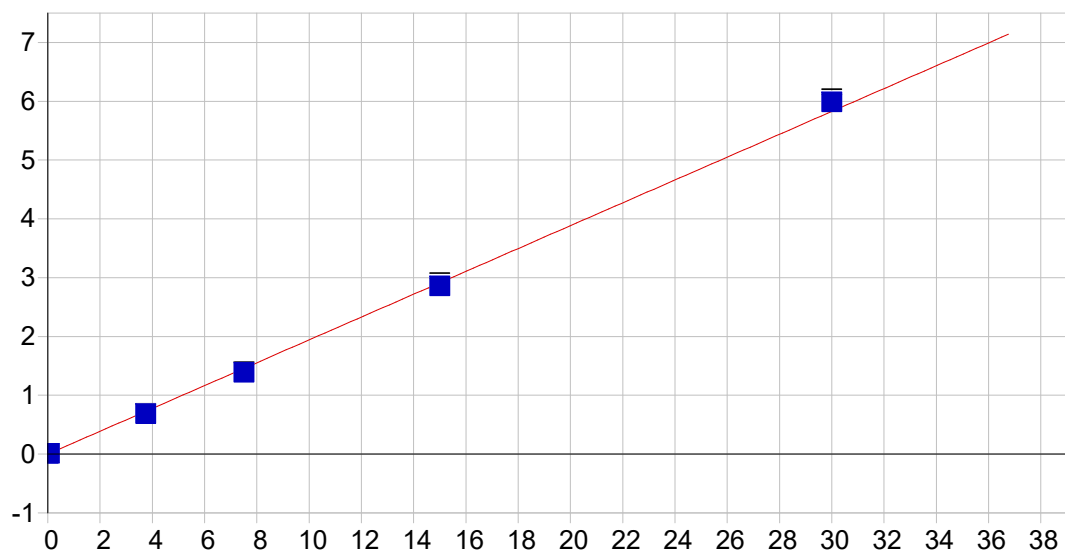


V 292.402 {115}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000162 Re-Slope: 1.000000
 A1 (Gain): 0.110230 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.003365
 Predicted MQL: 0.011215

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00016	.000	1
S1	.05000	.05436	.004	8.72	.00614	.000	1
S2	.62500	.64535	.020	3.26	.06800	.001	1
S3	1.2500	1.2861	.036	2.89	.13532	.001	1
S4	2.5000	2.5281	.028	1.13	.26563	.000	1
S5	5.0000	4.9108	-.089	-1.78	.51506	.010	1

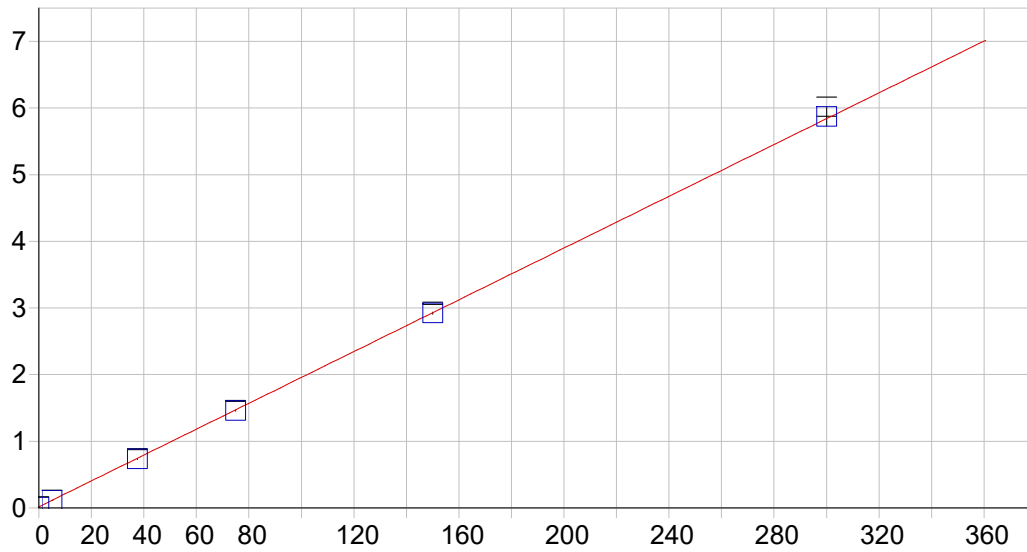


Zn 213.856 {158}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000245 Re-Slope: 1.000000
 A1 (Gain): 0.194250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999493 Status: OK.
 Std Error of Est: 0.000441
 Predicted MDL: 0.002901
 Predicted MQL: 0.009671

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00025	.000	1
S1	.06000	.07073	.011	17.9	.01353	.000	1
S2	3.7500	3.5365	-.214	-5.69	.68791	.006	1
S3	7.5000	7.1544	-.346	-4.61	1.3919	.008	1
S4	15.000	14.728	-.272	-1.81	2.8655	.045	1
S5	30.000	30.820	.820	2.73	5.9960	.044	1

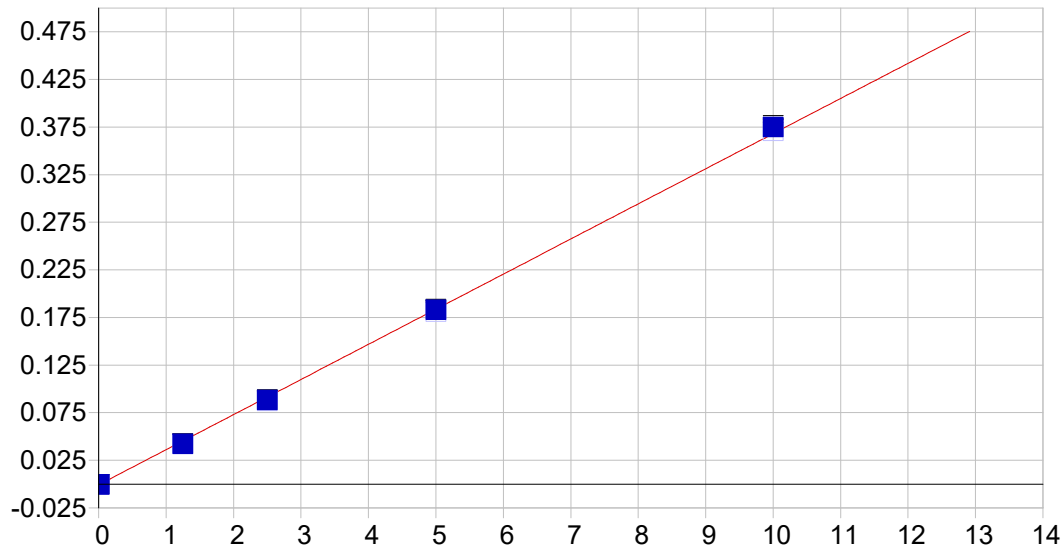


K 769.896 { 44 }

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016662 Re-Slope: 1.000000
 A1 (Gain): 0.019413 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000287
 Predicted MDL: 0.085051
 Predicted MQL: 0.283504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.01666	.000	1
S1	5.0000	5.0993	.099	1.99	.11565	.001	1
S2	37.500	36.890	-.610	-1.63	.73281	.007	1
S3	75.000	74.226	-.774	-1.03	1.4576	.008	1
S4	150.00	149.67	-.328	-.219	2.9222	.017	1
S5	300.00	301.61	1.61	.538	5.8719	.146	1

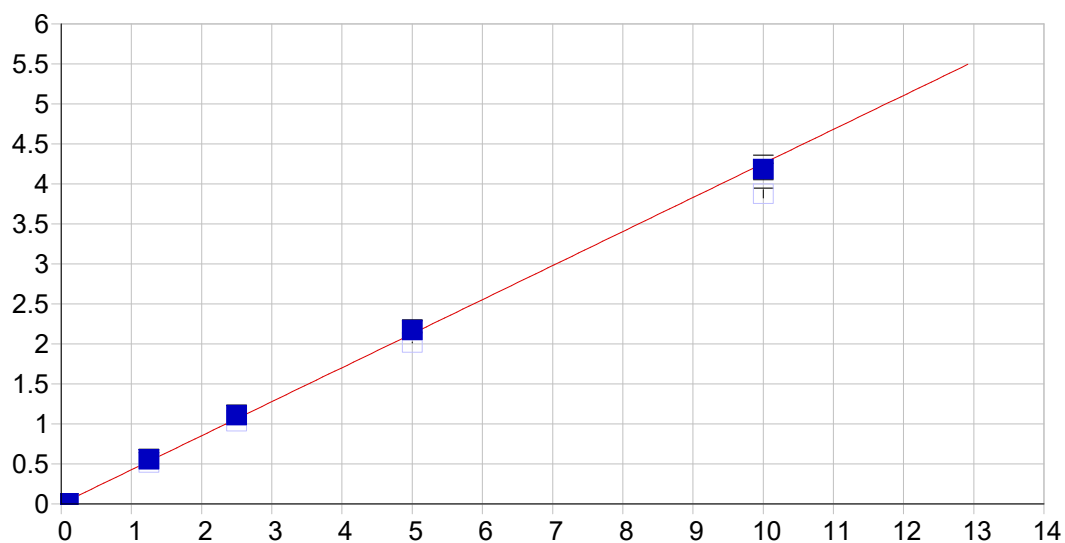


P 177.495 {490}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000794 Re-Slope: 1.000000
 A1 (Gain): 0.036892 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999670 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002461
 Predicted MQL: 0.008202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00079	.000	1
S1	.01000	.01137	.001	13.7	-.00038	.000	1
S2	1.2500	1.1670	-.083	-6.64	.04174	.000	1
S3	2.5000	2.4142	-.086	-3.43	.08724	.000	1
S4	5.0000	4.9830	-.017	-.340	.18097	.001	1
S5	10.000	10.184	.184	1.84	.37080	.002	1

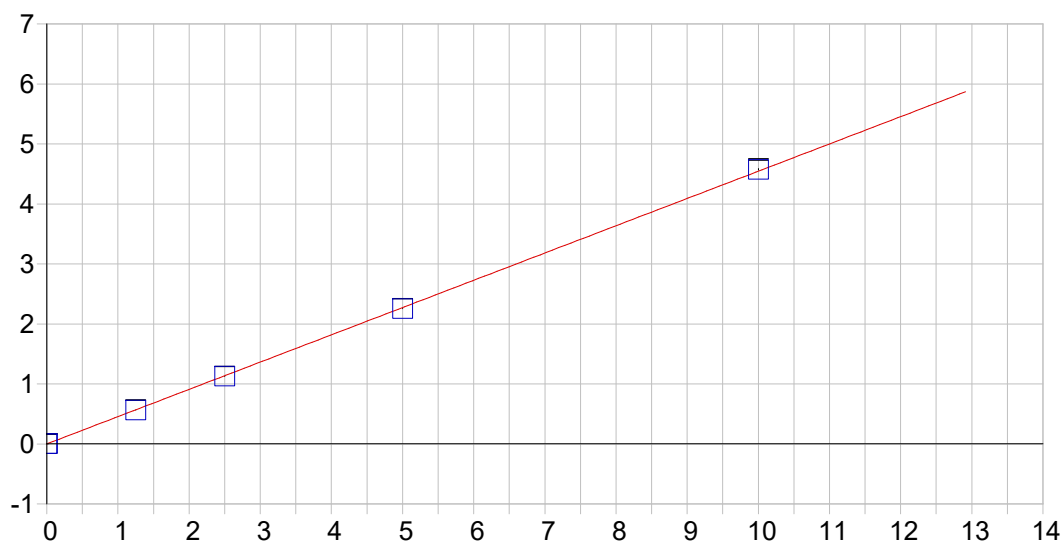


B 249.678 {135}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001199 Re-Slope: 1.000000
 A1 (Gain): 0.425381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997140 Status: OK.
 Std Error of Est: 0.001590
 Predicted MDL: 0.001061
 Predicted MQL: 0.003538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00123	.000	1
S1	.10000	.00956	-.090	-90.4	.00518	.000	1
S2	1.2500	1.3041	.054	4.33	.51736	.003	1
S3	2.5000	2.6037	.104	4.15	1.0316	.004	1
S4	5.0000	5.1017	.102	2.03	2.0170	.006	1
S5	10.000	9.8377	-.162	-1.62	3.8773	.052	1

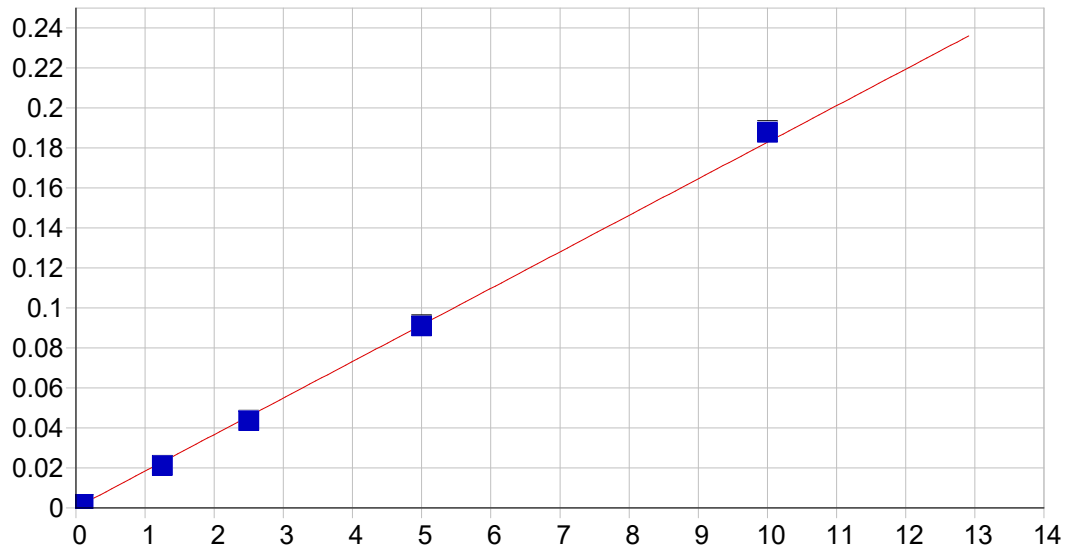


Mo 202.030 {467}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000102	Re-Slope:	1.000000
A1 (Gain):	0.454491	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000056		
Predicted MDL:	0.000331		
Predicted MQL:	0.001104		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00010	.000	1
S1	.01000	.01057	.001	5.68	.00490	.000	1
S2	1.2500	1.2415	-.008	-.677	.56437	.001	1
S3	2.5000	2.4788	-.021	-.850	1.1267	.002	1
S4	5.0000	4.9625	-.037	-.750	2.2555	.003	1
S5	10.000	10.067	.067	.666	4.5753	.014	1

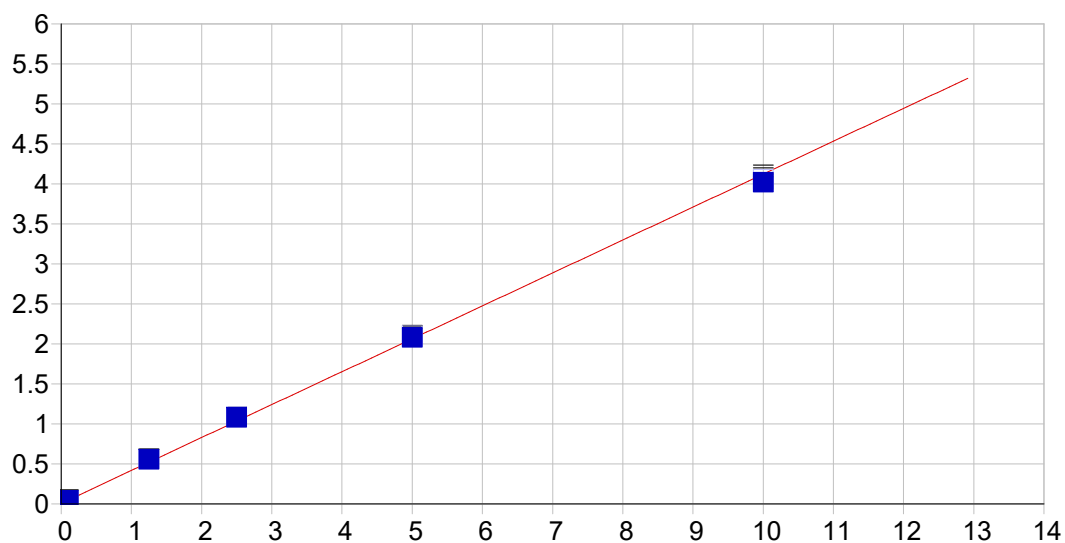


S 182.034 {485}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.018274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999395 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.004772
 Predicted MQL: 0.015907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00013	.000	1
S1	.10000	.08981	-.010	-10.2	.00177	.000	1
S2	1.2500	1.1486	-.101	-8.11	.02117	.000	1
S3	2.5000	2.3757	-.124	-4.97	.04364	.000	1
S4	5.0000	4.9664	-.034	-.672	.09108	.000	1
S5	10.000	10.269	.269	2.69	.18818	.000	1

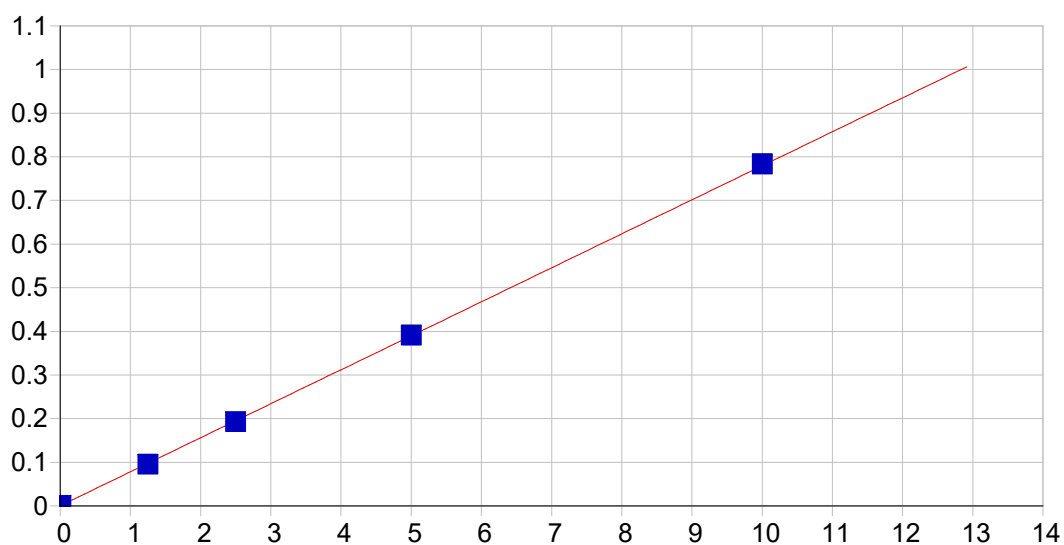


Si 251.611 {134}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006259 Re-Slope: 1.000000
 A1 (Gain): 0.411510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999530 Status: OK.
 Std Error of Est: 0.000677
 Predicted MDL: 0.001104
 Predicted MQL: 0.003680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00625	.001	1
S1	.10000	.10518	.005	5.18	.04969	.000	1
S2	1.2500	1.3379	.088	7.03	.56137	.001	1
S3	2.5000	2.6126	.113	4.50	1.0905	.002	1
S4	5.0000	5.0427	.043	.853	2.0996	.008	1
S5	10.000	9.7517	-.248	-2.48	4.0556	.056	1

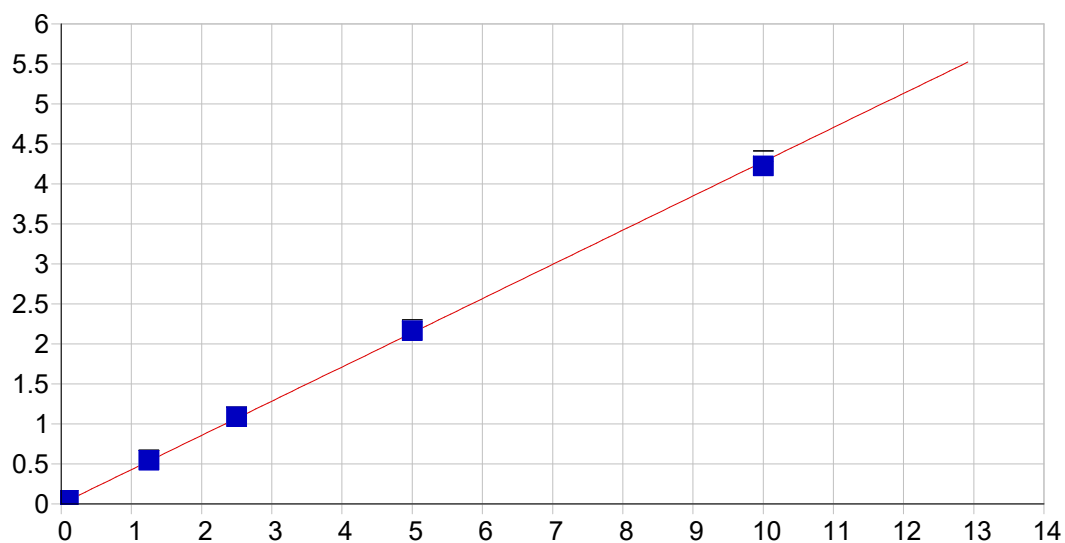


Sn 189.989 {478}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000311 Re-Slope: 1.000000
 A1 (Gain): 0.077907 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.001122
 Predicted MQL: 0.003741

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00031	.000	1
S1	.00700	.00630	-.001	-9.96	.00079	.000	1
S2	1.2500	1.2163	-.034	-2.70	.09487	.000	1
S3	2.5000	2.4730	-.027	-1.08	.19258	.000	1
S4	5.0000	5.0110	.011	.220	.38989	.001	1
S5	10.000	10.050	.050	.504	.78169	.001	1

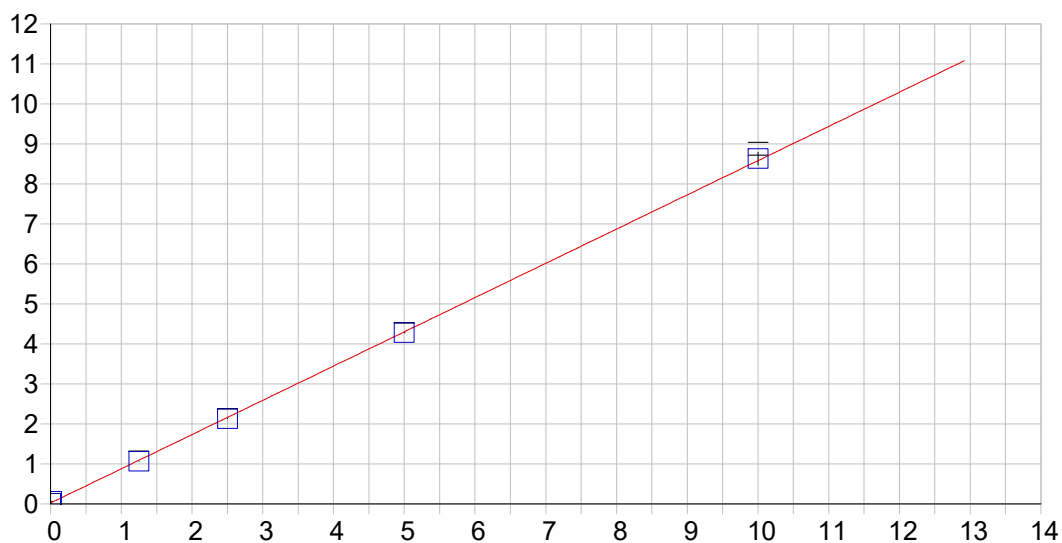


Ti 336.121 {100}

Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001106 Re-Slope: 1.000000
 A1 (Gain): 0.427543 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999909 Status: OK.
 Std Error of Est: 0.000306
 Predicted MDL: 0.001360
 Predicted MQL: 0.004533

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00110	.000	1
S1	.10000	.10294	.003	2.94	.04510	.000	1
S2	1.2500	1.2719	.022	1.75	.54471	.003	1
S3	2.5000	2.5416	.042	1.66	1.0874	.004	1
S4	5.0000	5.0589	.059	1.18	2.1633	.011	1
S5	10.000	9.8747	-.125	-1.25	4.2215	.066	1

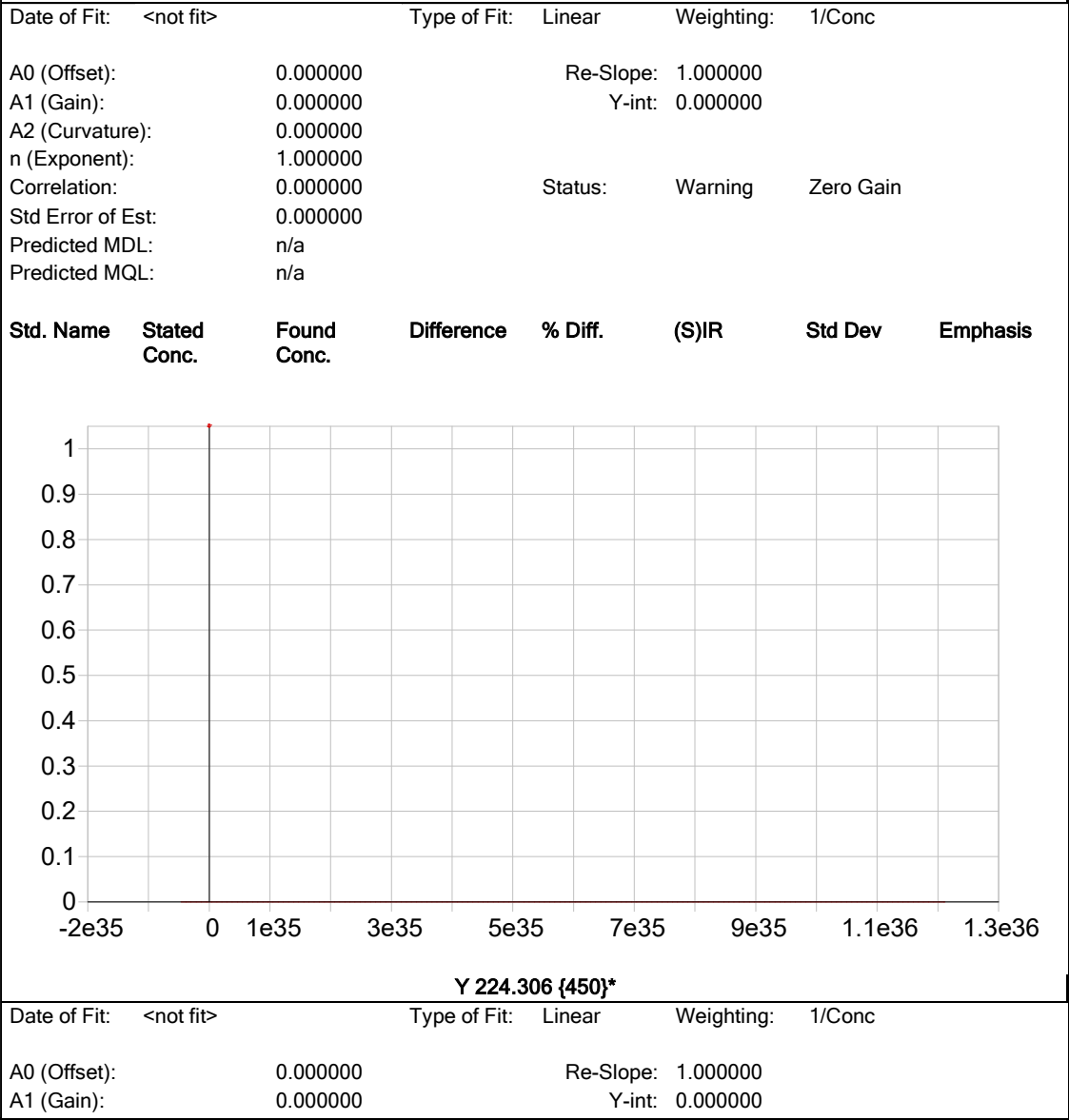
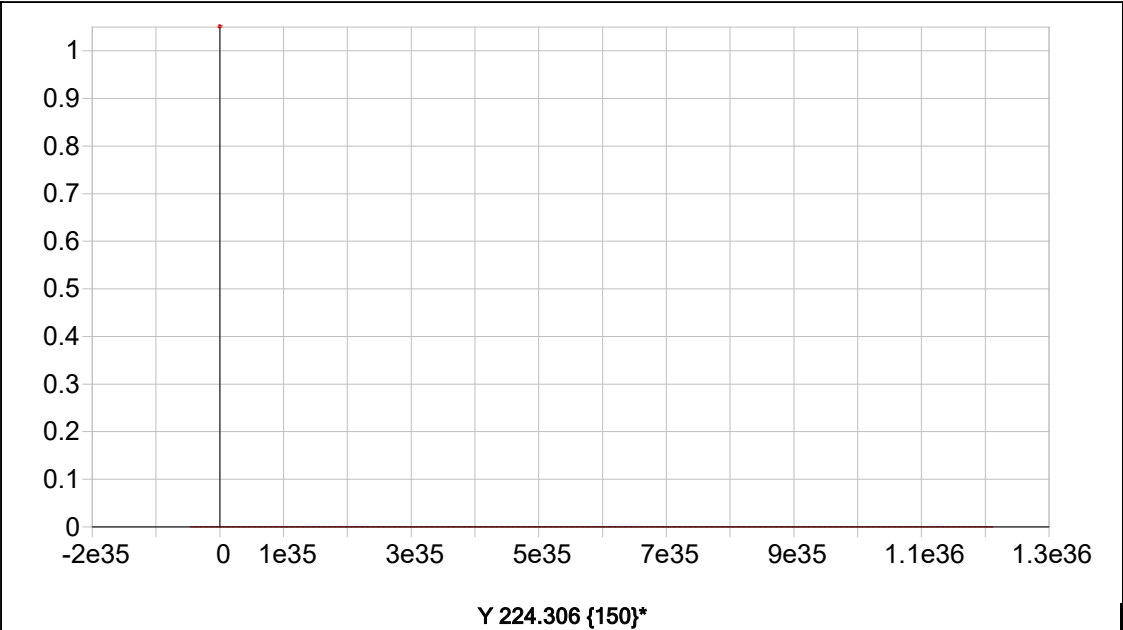


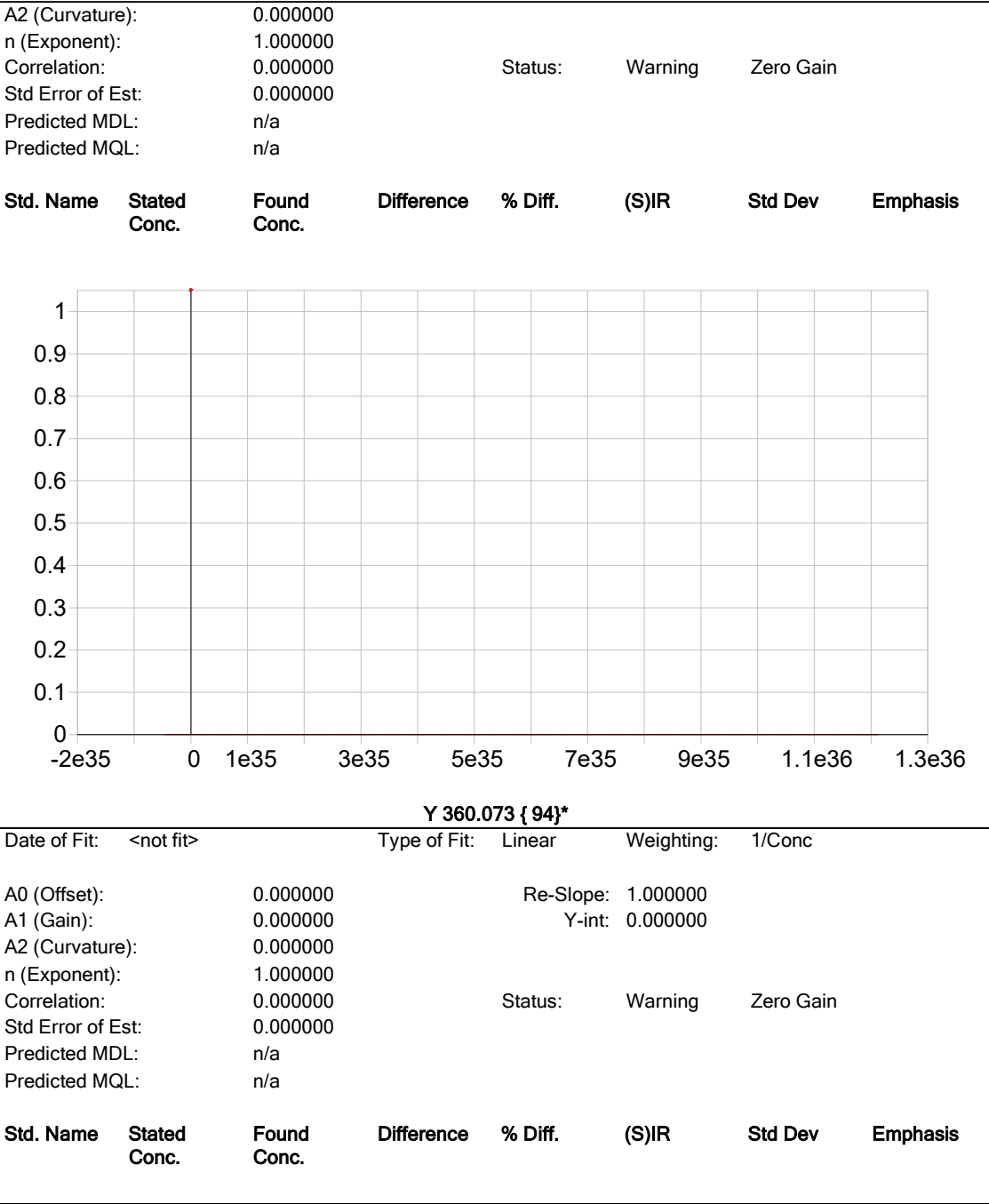
Li 670.784 { 50}

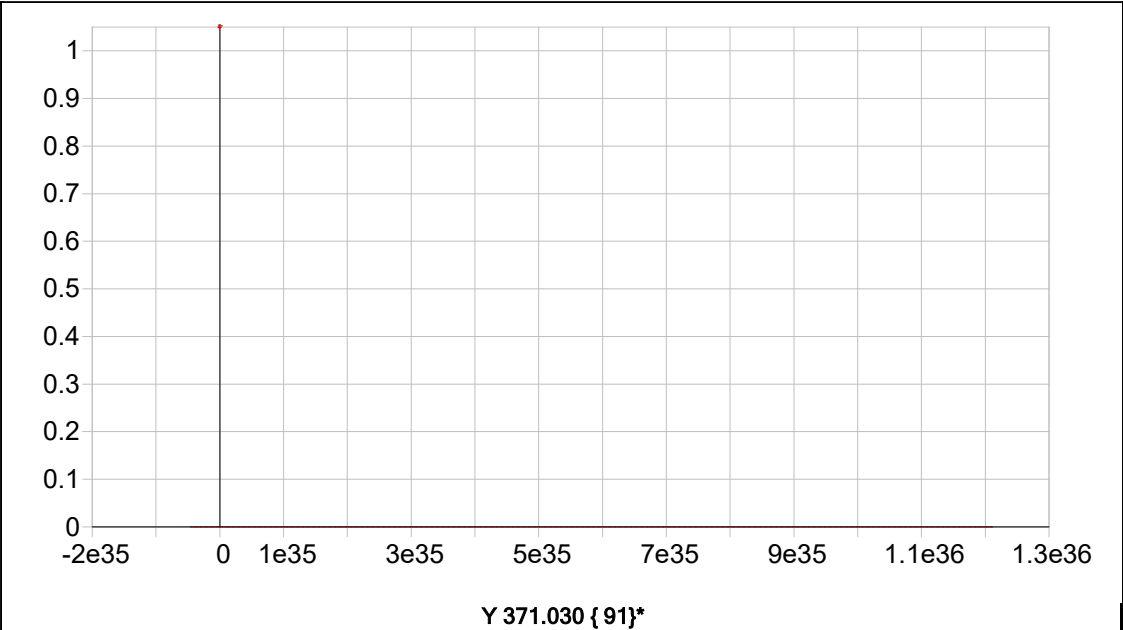
Date of Fit: 11/26/2019 12:40:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.021442 Re-Slope: 1.000000
 A1 (Gain): 0.856062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998164 Status: OK.
 Std Error of Est: 0.001067
 Predicted MDL: 0.001895
 Predicted MQL: 0.006316

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.02142	.001	1
S5	10.000	10.060	.060	.599	8.6333	.158	1
S4	5.0000	4.9730	-.027	-.540	4.2786	.002	1
S3	2.5000	2.4634	-.037	-1.47	2.1302	.005	1
S2	1.2500	1.2220	-.028	-2.24	1.0675	.003	1
S1	.01500	.04679	.032	212.	.06150	.001	1



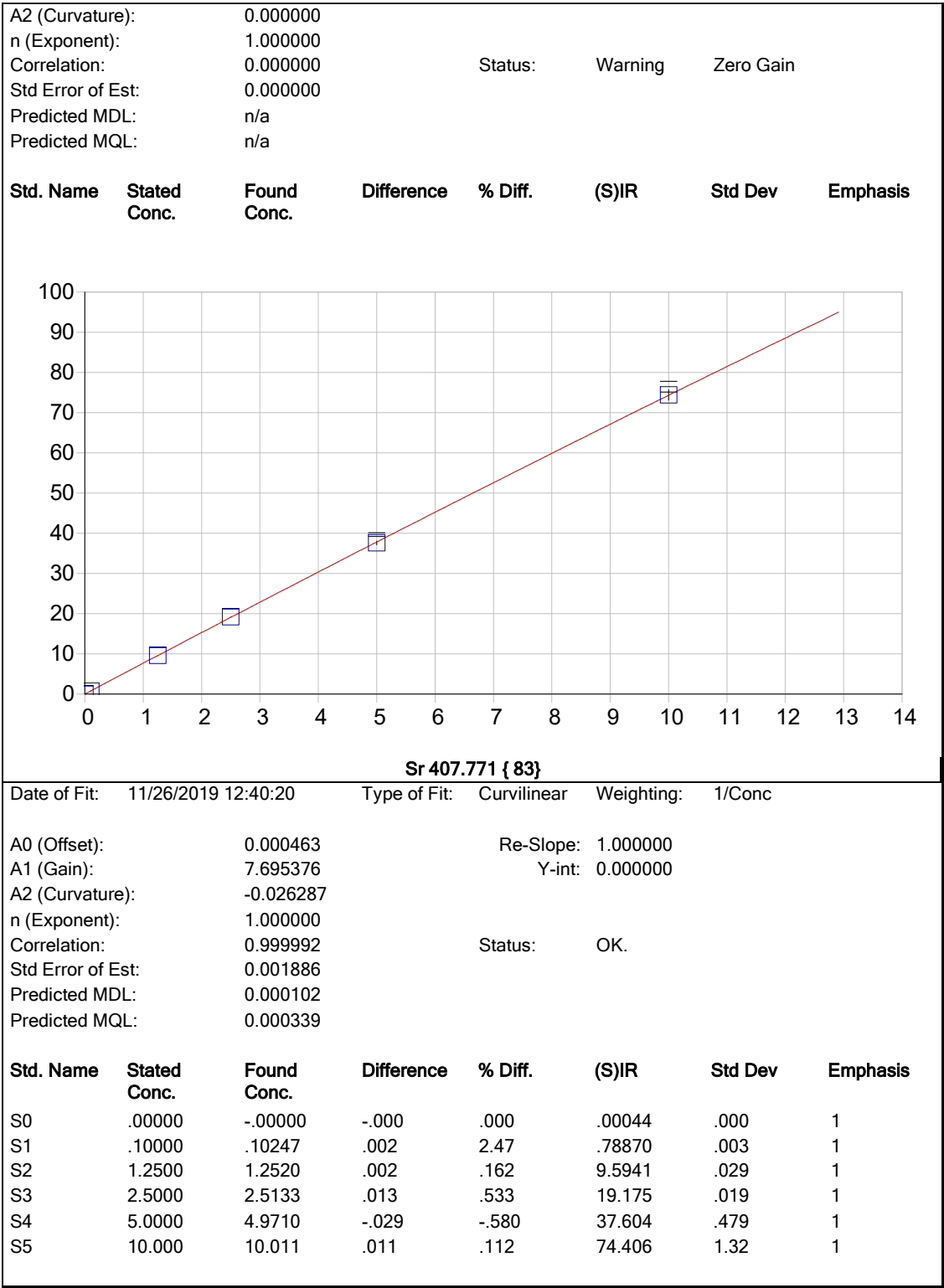




Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
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: 11/26/2019 11:32:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	-.00009	-.00033	.00042	.00020	.00043	.00344	.01708	-.00066
Stddev	.00011	.00016	.00023	.00007	.00014	.00029	.00094	.00012
%RSD	121.48	49.393	54.519	32.628	33.276	8.5493	5.5022	18.415

#1	-.00021	-.00015	.00023	.00027	.00027	.00353	.01753	-.00080
#2	-.00008	-.00045	.00067	.00019	.00054	.00367	.01600	-.00060
#3	.00001	-.00039	.00035	.00014	.00048	.00311	.01771	-.00058

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	-.00002	.00043	-.00000	.00025	.00134	.00006	.00028	-.00020
Stddev	.00009	.00058	.00004	.00011	.00019	.00013	.00015	.00021
%RSD	404.75	134.99	5746.5	43.367	14.358	209.89	52.328	105.87

#1	.00004	.00097	.00004	.00013	.00135	-.00008	.00025	-.00028
#2	.00002	.00051	-.00001	.00034	.00115	.00018	.00015	-.00035
#3	-.00012	-.00019	-.00004	.00029	.00154	.00009	.00044	.00004

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	-.00089	-.00077	-.00787	.00016	-.00025	.01666	-.00079	.00123
Stddev	.00005	.00003	.00138	.00020	.00019	.00026	.00001	.00023
%RSD	5.4159	4.1069	17.566	123.74	79.050	1.5750	1.4195	18.552

#1	-.00095	-.00081	-.00707	.00013	-.00047	.01643	-.00078	.00120
#2	-.00088	-.00074	-.00946	-.00002	-.00012	.01661	-.00080	.00102
#3	-.00085	-.00077	-.00707	.00037	-.00015	.01695	-.00080	.00148

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	.00010	.00013	.00625	.00031	.00110	.02142	.00044	
Stddev	.00021	.00013	.00058	.00002	.00019	.00136	.00023	
%RSD	204.25	93.407	9.2206	6.4851	16.774	6.3377	52.893	

#1	.00001	.00001	.00602	.00033	.00099	.02294	.00070	
#2	.00034	.00014	.00691	.00032	.00100	.02098	.00025	
#3	-.00005	.00026	.00583	.00029	.00132	.02033	.00037	

Sample Name: S0 Acquired: 11/26/2019 11:32:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1856.9	3931.8	55028.	7394.1	4634.2
Stddev	1.4	5.1	174.	20.6	2.6
%RSD	.07613	.12892	.31596	.27908	.05583
#1	1858.0	3936.2	55196.	7412.3	4635.8
#2	1857.4	3932.9	55040.	7371.7	4635.5
#3	1855.3	3926.3	54848.	7398.2	4631.2

Sample Name: S1 Acquired: 11/26/2019 11:36:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.00028	.00119	.00206	.00123	.00742	.02055	.79306	.02206
Stddev	.00006	.00002	.00018	.00006	.00006	.00067	.00391	.00053
%RSD	21.768	2.0911	8.8822	5.2344	.75866	3.2783	.49270	2.4106
#1	.00028	.00121	.00189	.00130	.00741	.02027	.78877	.02257
#2	.00022	.00119	.00225	.00122	.00748	.02132	.79400	.02210
#3	.00034	.00116	.00205	.00118	.00737	.02006	.79642	.02150
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	.01123	.35046	.00174	.04049	.00696	.00275	.01024	.04745
Stddev	.00013	.00112	.00006	.00014	.00046	.00006	.00039	.00030
%RSD	1.1326	.31912	3.6272	.35025	6.5413	2.0220	3.7794	.62245
#1	.01131	.34969	.00167	.04032	.00703	.00275	.00980	.04721
#2	.01108	.34996	.00178	.04056	.00647	.00280	.01038	.04778
#3	.01129	.35175	.00178	.04058	.00737	.00269	.01054	.04736
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	.02367	.00233	.01782	.00614	.01353	.11565	-.00038	.00518
Stddev	.00016	.00010	.00101	.00007	.00012	.00145	.00005	.00044
%RSD	.65640	4.1979	5.6574	1.1025	.87431	1.2503	13.085	8.5755
#1	.02383	.00226	.01746	.00612	.01344	.11434	-.00043	.00492
#2	.02366	.00228	.01704	.00622	.01348	.11721	-.00036	.00569
#3	.02352	.00244	.01896	.00609	.01366	.11541	-.00034	.00492
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	.00490	.00177	.04969	.00079	.04510	.06150	.78870	
Stddev	.00002	.00015	.00042	.00007	.00041	.00074	.00339	
%RSD	.36179	8.3614	.85470	9.4149	.90686	1.1996	.42945	
#1	.00489	.00179	.04943	.00086	.04528	.06122	.79233	
#2	.00489	.00192	.05018	.00078	.04464	.06094	.78562	
#3	.00493	.00162	.04945	.00072	.04539	.06233	.78816	

Sample Name: S1 Acquired: 11/26/2019 11:36:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1884.6	3918.7	55739.	7457.0	4618.9
Stddev	5.7	3.7	44.	37.2	6.5
%RSD	.30077	.09403	.07882	.49903	.14102
#1	1884.9	3922.8	55706.	7463.3	4611.5
#2	1878.8	3917.7	55789.	7417.1	4621.6
#3	1890.1	3915.6	55721.	7490.8	4623.7

Sample Name: S2 Acquired: 11/26/2019 11:40:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.03890	.07705	1.1333	.03971	.14034	3.1298	9.3082	.52674
Stddev	.00028	.00026	.0021	.00021	.00014	.0250	.0391	.00179
%RSD	.70828	.33789	.18331	.53044	.09862	.79706	.41969	.33898

#1	.03868	.07716	1.1349	.03968	.14018	3.1157	9.2773	.52793
#2	.03880	.07676	1.1310	.03952	.14043	3.1150	9.2953	.52469
#3	.03920	.07725	1.1342	.03994	.14040	3.1586	9.3521	.52760

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3204	4.1320	.60307	.48830	.70228	.93447	2.2841	.56285
Stddev	.0019	.0089	.00023	.00096	.00277	.00493	.0052	.00354
%RSD	.14473	.21462	.03874	.19758	.39385	.52744	.22661	.62884

#1	1.3195	4.1236	.60330	.48813	.70313	.93224	2.2794	.56200
#2	1.3191	4.1311	.60283	.48934	.69919	.93105	2.2832	.55981
#3	1.3226	4.1413	.60309	.48743	.70453	.94012	2.2896	.56674

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	.36342	.08777	.17395	.06800	.68791	.73281	.04174	.51736
Stddev	.00079	.00046	.00183	.00072	.00554	.00710	.00025	.00259
%RSD	.21861	.52519	1.0500	1.0660	.80514	.96822	.60779	.50052

#1	.36256	.08825	.17328	.06792	.69429	.72724	.04146	.51582
#2	.36355	.08775	.17254	.06732	.68437	.73038	.04196	.51591
#3	.36413	.08733	.17601	.06876	.68506	.74080	.04181	.52035

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	.56437	.02117	.56137	.09487	.54471	1.0675	9.5941
Stddev	.00130	.00004	.00112	.00043	.00262	.0030	.0293
%RSD	.23038	.20666	.19903	.45106	.48052	.28485	.30524

#1	.56476	.02113	.56181	.09497	.54219	1.0647	9.5630
#2	.56292	.02121	.56221	.09439	.54741	1.0707	9.5980
#3	.56543	.02118	.56010	.09523	.54452	1.0672	9.6212

Sample Name: S2 Acquired: 11/26/2019 11:40:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1798.5	3782.5	54130.	7447.0	4272.0
Stddev	14.1	7.2	261.	15.4	7.9
%RSD	.78624	.18981	.48267	.20731	.18448
#1	1782.8	3775.1	53919.	7464.8	4263.5
#2	1802.4	3789.4	54050.	7436.7	4279.1
#3	1810.3	3783.2	54422.	7439.6	4273.4

Sample Name: S3 Acquired: 11/26/2019 11:44:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.07912	.15374	2.2886	.07955	.28248	6.2884	18.673	1.0429
Stddev	.00049	.00035	.0053	.00028	.00080	.0265	.035	.0045
%RSD	.61906	.23090	.23235	.35061	.28166	.42138	.18615	.43442

#1	.07951	.15393	2.2826	.07947	.28338	6.2586	18.673	1.0477
#2	.07857	.15333	2.2904	.07932	.28222	6.2973	18.708	1.0387
#3	.07928	.15396	2.2928	.07986	.28185	6.3092	18.638	1.0422

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6559	8.2000	1.1985	.98916	1.3887	1.8375	4.5017	1.1222
Stddev	.0024	.0201	.0009	.00174	.0006	.0046	.0068	.0036
%RSD	.08834	.24564	.07403	.17629	.03986	.24897	.15142	.32360

#1	2.6542	8.2070	1.1988	.98822	1.3889	1.8324	4.4944	1.1181
#2	2.6549	8.2157	1.1975	.98809	1.3880	1.8387	4.5079	1.1239
#3	2.6586	8.1773	1.1992	.99118	1.3890	1.8413	4.5028	1.1247

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	.73058	.17736	.35443	.13532	1.3919	1.4576	.08724	1.0316
Stddev	.00027	.00102	.00028	.00113	.0082	.0083	.00048	.0040
%RSD	.03756	.57753	.07978	.83643	.58648	.57053	.54654	.38719

#1	.73032	.17823	.35453	.13402	1.3991	1.4507	.08764	1.0322
#2	.73055	.17623	.35465	.13602	1.3935	1.4553	.08671	1.0273
#3	.73087	.17762	.35411	.13594	1.3830	1.4668	.08736	1.0353

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	1.1267	.04364	1.0905	.19258	1.0874	2.1302	19.175	
Stddev	.0018	.00022	.0020	.00016	.0041	.0052	.019	
%RSD	.15694	.51053	.18377	.08082	.37479	.24523	.10159	

#1	1.1278	.04363	1.0911	.19240	1.0914	2.1352	19.163	
#2	1.1276	.04343	1.0882	.19267	1.0876	2.1307	19.165	
#3	1.1246	.04387	1.0920	.19266	1.0832	2.1248	19.198	

Sample Name: S3 Acquired: 11/26/2019 11:44:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1741.2	3674.6	53092.	7418.2	4066.1
Stddev	10.6	10.0	355.	17.7	3.6
%RSD	.61007	.27343	.66811	.23891	.08754
#1	1728.9	3670.1	52705.	7401.6	4064.5
#2	1747.6	3667.7	53401.	7436.8	4063.5
#3	1747.0	3686.2	53171.	7416.0	4070.1

Sample Name: S5 Acquired: 11/26/2019 11:51:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.33673	.59267	9.3506	.32502	1.1935	25.269	71.619	3.9885
Stddev	.00043	.00155	.0212	.00060	.0039	.572	1.312	.0688
%RSD	.12760	.26071	.22715	.18316	.32852	2.2648	1.8313	1.7237

#1	.33722	.59421	9.3527	.32535	1.1908	25.624	72.404	4.0327
#2	.33654	.59267	9.3707	.32433	1.1916	24.608	70.105	3.9093
#3	.33643	.59112	9.3284	.32537	1.1980	25.574	72.348	4.0236

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.516	31.997	4.5694	3.9837	5.3976	6.9180	17.064	4.4543
Stddev	.007	.614	.0084	.0014	.0992	.1492	.346	.0994
%RSD	.07085	1.9191	.18335	.03421	1.8382	2.1568	2.0259	2.2326

#1	10.524	32.321	4.5778	3.9824	5.4501	7.0136	17.276	4.5168
#2	10.515	31.288	4.5610	3.9851	5.2831	6.7461	16.666	4.3397
#3	10.509	32.380	4.5695	3.9837	5.4594	6.9944	17.252	4.5065

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8889	.73350	1.4169	.51506	5.9960	5.8719	.37080	3.8773
Stddev	.0043	.00525	.0313	.00980	.0444	.1456	.00163	.0516
%RSD	.15042	.71587	2.2099	1.9036	.74117	2.4794	.43900	1.3313

#1	2.8852	.73419	1.4303	.52194	6.0469	5.9394	.37265	3.9120
#2	2.8879	.73837	1.3812	.50384	5.9648	5.7048	.37014	3.8179
#3	2.8937	.72794	1.4394	.51941	5.9764	5.9714	.36960	3.9018

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	4.5753	.18818	4.0556	.78169	4.2215	8.6333	74.406
Stddev	.0139	.00047	.0560	.00077	.0664	.1579	1.317
%RSD	.30405	.24966	1.3819	.09819	1.5720	1.8294	1.7696

#1	4.5740	.18845	4.0988	.78174	4.2486	8.6942	74.480
#2	4.5621	.18845	3.9923	.78244	4.1459	8.4540	73.054
#3	4.5898	.18764	4.0757	.78090	4.2700	8.7518	75.684

Sample Name: S5 Acquired: 11/26/2019 11:51:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1519.9	3237.6	50076.	7359.5	3527.1
Stddev	2.2	3.2	73.	130.2	8.8
%RSD	.14279	.10034	.14611	1.7690	.24997
#1	1517.4	3235.6	50125.	7308.8	3522.3
#2	1521.4	3241.4	49992.	7507.5	3521.6
#3	1520.8	3235.9	50110.	7262.4	3537.2

Sample Name: S4 Acquired: 11/26/2019 11:47:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.16236	.30411	4.6602	.16019	.57353	12.659	37.106	2.0294
Stddev	.00016	.00049	.0093	.00031	.00058	.049	.107	.0072
%RSD	.09590	.16128	.19985	.19200	.10059	.38520	.28862	.35269

#1	.16225	.30362	4.6494	.16019	.57288	12.715	37.228	2.0375
#2	.16230	.30460	4.6654	.15989	.57370	12.626	37.059	2.0243
#3	.16254	.30412	4.6657	.16050	.57400	12.636	37.029	2.0262

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	5.3158	16.353	2.3473	1.9950	2.7567	3.5975	8.8293	2.2513
Stddev	.0012	.056	.0040	.0030	.0054	.0049	.0237	.0066
%RSD	.02234	.33991	.16932	.14923	.19534	.13683	.26819	.29107

#1	5.3144	16.390	2.3468	1.9917	2.7506	3.5987	8.8261	2.2519
#2	5.3163	16.289	2.3436	1.9958	2.7610	3.5921	8.8074	2.2444
#3	5.3166	16.381	2.3515	1.9975	2.7584	3.6017	8.8545	2.2575

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	1.4560	.35778	.70979	.26563	2.8655	2.9222	.18097	2.0170
Stddev	.0032	.00304	.00518	.00026	.0451	.0167	.00062	.0056
%RSD	.22209	.84865	.73032	.09702	1.5742	.57090	.34407	.27969

#1	1.4524	.36037	.71577	.26567	2.8740	2.9411	.18031	2.0221
#2	1.4570	.35444	.70677	.26535	2.8168	2.9094	.18155	2.0180
#3	1.4586	.35852	.70682	.26586	2.9058	2.9162	.18106	2.0110

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	2.2555	.09108	2.0996	.38989	2.1633	4.2786	37.604
Stddev	.0030	.00041	.0075	.00102	.0110	.0022	.479
%RSD	.13193	.44737	.35883	.26118	.50810	.05210	1.2742

#1	2.2534	.09062	2.1083	.38872	2.1506	4.2776	38.130
#2	2.2542	.09140	2.0950	.39050	2.1697	4.2771	37.492
#3	2.2589	.09122	2.0955	.39046	2.1695	4.2812	37.191

Sample Name: S4 Acquired: 11/26/2019 11:47:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	1661.1	3509.8	51918.	7408.9	3817.8
Stddev	18.4	6.8	535.	9.3	4.6
%RSD	1.1058	.19491	1.0310	.12495	.11980
#1	1651.3	3509.6	51762.	7404.0	3820.4
#2	1682.3	3516.7	52513.	7419.6	3820.4
#3	1649.8	3503.0	51477.	7403.2	3812.5

Sample Name: S6 Acquired: 11/26/2019 11:55:55 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	68.470	53.803	19.094	7.5315	4.1001
Stddev	.408	.419	.057	.0253	.0183
%RSD	.59601	.77873	.29995	.33598	.44710

#1	68.358	54.258	19.160	7.5602	4.1043
#2	68.922	53.433	19.067	7.5216	4.0801
#3	68.130	53.719	19.055	7.5126	4.1161

Int. Std.	Y_3710
Units	Cts/S
Avg	7050.4
Stddev	17.8
%RSD	.25313

#1	7050.3
#2	7032.6
#3	7068.3

Sample Name: ICV Acquired: 11/26/2019 12:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.9378244	1.055501	.9613772	.9844008	.9470640	2.336230
Stddev	.0076205	.001588	.0003699	.0034735	.0022477	.017557
%RSD	.8125740	.1504310	.0384788	.3528518	.2373376	.7514924

#1	.9290900	1.054834	.9611252	.9810974	.9491869	2.348419
#2	.9412664	1.057313	.9612046	.9840827	.9472958	2.316107
#3	.9431166	1.054355	.9618019	.9880225	.9447094	2.344164

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4986379	.4988105	.4855013	9.941065	.5212099	.4846793
Stddev	.0012900	.0040706	.0013346	.019584	.0010801	.0019754
%RSD	.2587050	.8160561	.2748991	.1969969	.2072215	.4075718

#1	.5000224	.5031075	.4844191	9.963316	.5223130	.4831430
#2	.4984217	.4983116	.4850922	9.926449	.5211622	.4839871
#3	.4974697	.4950123	.4869926	9.933429	.5201544	.4869076

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4785957	5.526722	.4981029	5.710236	.4934126	.4727552
Stddev	.0033232	.019196	.0002163	.021004	.0019160	.0019695
%RSD	.6943551	.3473306	.0434264	.3678285	.3883065	.4166017

#1	.4747934	5.514987	.4981243	5.727127	.4928418	.4748765
#2	.4809442	5.516304	.4983077	5.716864	.4918469	.4724045
#3	.4800496	5.548874	.4978767	5.686718	.4955491	.4709846

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.621625	.4957748	1.076049	9.173685	F .7134734	F 1.194512
Stddev	.151412	.0029593	.003790	.135507	.0034006	.008335
%RSD	1.573659	.5969111	.3522010	1.477128	.4766259	.6977693

#1	9.784645	.4991014	1.075807	9.326133	.7126888	1.204136
#2	9.594831	.4934346	1.072386	9.066934	.7171977	1.189797
#3	9.485399	.4947885	1.079954	9.127990	.7105336	1.189605

Sample Name: ICV Acquired: 11/26/2019 12:12:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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 1.126498	F .7477236	F 1.121037	F 1.085585	F 1.183731	F .7041032
Stddev	.001221	.0018684	.011162	.003933	.008011	.0011445
%RSD	.1083588	.2498821	.9956873	.3623205	.6767271	.1625459

#1	1.126157	.7477479	1.132305	1.083205	1.177222	.7046001
#2	1.125484	.7495798	1.120823	1.083425	1.192677	.7049153
#3	1.127853	.7458432	1.109984	1.090125	1.181294	.7027943

Elem	Sr4077
Units	ppm
Avg	F .7256412
Stddev	.0014642
%RSD	.2017861

#1	.7250671
#2	.7273055
#3	.7245510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.908	3892.514	55345.21	7516.920	4533.096
Stddev	6.517	1.098	106.16	43.270	2.360
%RSD	.3475850	.0282077	.1918159	.5756379	.0520683

#1	1868.214	3893.208	55230.95	7468.737	4532.559
#2	1881.233	3891.248	55440.79	7529.560	4535.678
#3	1875.276	3893.086	55363.89	7552.462	4531.050

Sample Name: ICB Acquired: 11/26/2019 12:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0022692	.0003230	-.001128	.0022941	-.003546	.0019443	.0005653
Stddev	.0011943	.0007361	.000994	.0032641	.000447	.0050127	.0009522
%RSD	52.63339	227.8693	88.10894	142.2840	12.60066	257.8126	168.4513

#1	.0020450	.0007357	-.001484	.0050122	-.003048	-.003675	.0000868
#2	.0012028	-.000527	-.000005	.0031963	-.003679	.003551	-.000053
#3	.0035597	.000760	-.001894	-.001326	-.003912	.005956	.001662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000172	.0001169	.0079969	.0002649	.0001545	.0006475	.0032353
Stddev	.0000266	.0000661	.0047601	.0004260	.0000497	.0016230	.0074157
%RSD	154.2242	56.53015	59.52398	160.7833	32.13272	250.6470	229.2077

#1	.0000100	.0001133	.0046482	.0005581	.0001731	-.001187	.0101359
#2	.0000467	.0001847	.0134460	-.000224	.0001922	.001232	.0041758
#3	-.000005	.0000527	.0058967	.000460	.0000983	.001897	-.004606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000304	-.007916	-.000307	.0014413	.2516537	-.000127	.0003795
Stddev	.000187	.027775	.000208	.0003031	.2530896	.001225	.0020068
%RSD	61.60029	350.8648	67.73044	21.03047	100.5706	964.3868	528.7440

#1	-.000088	-.017164	-.000319	.0011101	-.036676	.001262	-.001039
#2	-.000401	-.029887	-.000510	.0017048	.354543	-.001052	.002676
#3	-.000424	.023303	-.000094	.0015089	.437094	-.000591	-.000498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003117	.0011516	.0076653	.0004175	-.001106	.0001792	.0000381
Stddev	.037003	.0008969	.0011108	.0002479	.001853	.0011385	.0003555
%RSD	1187.067	77.88297	14.49108	59.36770	167.5939	635.2335	933.9882

#1	.038040	.0005671	.0067849	.0001348	-.001914	-.000641	-.000093
#2	-.033636	.0007034	.0089132	.0005204	.001014	.001479	.000440
#3	-.013755	.0021842	.0072977	.0005975	-.002417	-.000300	-.000233

Sample Name: ICB Acquired: 11/26/2019 12:16:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	-.000576	.0013068	.0000116
Stddev	.000303	.0007239	.0000998
%RSD	52.68119	55.39328	863.1638

#1	-.000231	.0009957	.0000282
#2	-.000803	.0007905	-.000096
#3	-.000693	.0021343	.000102

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.876	3919.026	55892.20	7467.722	4599.580
Stddev	6.677	7.693	193.14	30.604	3.813
%RSD	.3508733	.1962985	.3455656	.4098175	.0828945

#1	1900.275	3924.311	55690.26	7448.156	4603.937
#2	1910.461	3910.200	55911.20	7452.020	4597.944
#3	1897.890	3922.567	56075.14	7502.990	4596.858

Sample Name: ICSAB Acquired: 11/26/2019 12:25:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0972812	.1165125	.0505476	.0291214	.6046450	238.6479
Stddev	.0011997	.0009670	.0003129	.0076211	.0016505	1.6896
%RSD	1.233233	.8299224	.6189341	26.17018	.2729659	.7079976

#1	.0972822	.1176201	.0507214	.0291936	.6065438	238.4307
#2	.0960810	.1160806	.0507349	.0367062	.6038370	237.0774
#3	.0984804	.1158367	.0501864	.0214645	.6035543	240.4356

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5269090	.5308367	1.037500	246.6780	.5857369	.5138810
Stddev	.0018864	.0051509	.001918	.3309	.0012535	.0006536
%RSD	.3580123	.9703386	.1848278	.1341261	.2139980	.1271990

#1	.5260149	.5367370	1.035368	246.5862	.5871827	.5134159
#2	.5256360	.5285363	1.038049	246.4026	.5849547	.5135989
#3	.5290763	.5272368	1.039084	247.0450	.5850734	.5146284

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4881767	99.81229	.5234354	253.3663	1.022573	.2045751
Stddev	.0016803	.38806	.0028060	1.0199	.002556	.0026959
%RSD	.3441914	.3887881	.5360779	.4025496	.2499698	1.317826

#1	.4901078	99.82728	.5225285	252.6549	1.020325	.2045030
#2	.4870479	99.41696	.5211949	252.9091	1.022042	.2019159
#3	.4873746	100.1926	.5265827	254.5348	1.025353	.2073063

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.389472	.5064227	1.114679	-.085997	F .0136580	-.008930
Stddev	.070507	.0080633	.012007	.056677	.0022948	.003206
%RSD	18.10317	1.592215	1.077193	65.90496	16.80178	35.90572

#1	-.463975	.5106875	1.104559	-.068881	.0111833	-.011424
#2	-.323792	.4971226	1.111532	-.149259	.0157157	-.010054
#3	-.380648	.5114580	1.127946	-.039852	.0140749	-.005313

Sample Name: ICSAB Acquired: 11/26/2019 12:25:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0003989	-.009476	-.004919	-.003651	-.001020	.0023280
Stddev	.0006885	.002973	.000863	.001264	.001644	.0017429
%RSD	172.5820	31.37232	17.55133	34.61433	161.2338	74.86732

#1	.0010074	-.009416	-.005910	-.003679	-.002229	.0009755
#2	.0005378	-.006534	-.004523	-.002373	.000853	.0017135
#3	-.000348	-.012479	-.004325	-.004900	-.001684	.0042949

Elem	Sr4077
Units	ppm
Avg	F .1006750
Stddev	.0001051
%RSD	.1044186

#1	.1007149
#2	.1007544
#3	.1005558

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.850	3646.487	52468.77	7351.166	3934.504
Stddev	15.654	2.057	611.77	49.324	5.491
%RSD	.8810237	.0564172	1.165968	.6709742	.1395560

#1	1775.400	3646.713	52441.02	7294.896	3939.547
#2	1793.179	3648.422	53093.94	7371.672	3935.311
#3	1761.970	3644.326	51871.35	7386.930	3928.655

Sample Name: ICSA Acquired: 11/26/2019 12:20:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0001683	.0058749	-.000359	-.016740	.0020914	238.1860
Stddev	.0024461	.0011915	.002394	.003468	.0014053	2.4135
%RSD	1453.027	20.28204	667.1939	20.71553	67.19611	1.013273

#1	.0024098	.0070869	-.001081	-.017010	.0031276	236.3913
#2	-.002441	.0058327	.002313	-.020065	.0026548	240.9297
#3	.000536	.0047049	-.002309	-.013145	.0004918	237.2369

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060035	.0014178	.0009926	247.8636	.0520781	.0001509
Stddev	.0005554	.0001175	.0001259	.5423	.0001216	.0001784
%RSD	9.251738	8.290881	12.68675	.2187971	.2334572	118.2701

#1	.0062250	.0015497	.0011329	247.8272	.0519457	-.000022
#2	.0064140	.0013792	.0009556	248.4233	.0521037	.000335
#3	.0053715	.0013244	.0008894	247.3405	.0521848	.000140

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001647	100.2746	.0146073	254.0529	-.001016	-.001103
Stddev	.001753	.5947	.0002205	1.2769	.000052	.000258
%RSD	106.4640	.5930330	1.509475	.5026003	5.091055	23.35450

#1	-.001223	99.8979	.0144727	253.1047	-.001072	-.000816
#2	-.003573	100.9601	.0148617	255.5048	-.000969	-.001177
#3	-.000144	99.9657	.0144873	253.5492	-.001008	-.001315

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201653	.0036869	.0020357	-.014482	.0073174	-.007890
Stddev	.196417	.0044600	.0016283	.037737	.0037139	.001717
%RSD	97.40355	120.9708	79.98583	260.5696	50.75501	21.76499

#1	-.272871	.0011605	.0005243	-.039332	.0068967	-.009324
#2	-.352527	.0088366	.0037600	.028941	.0112237	-.008359
#3	.020438	.0010636	.0018230	-.033057	.0038316	-.005987

Sample Name: ICSA Acquired: 11/26/2019 12:20:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	-.000039	-.008361	-.005508	-.002631	-.001588	.0076171
Stddev	.000131	.002807	.000846	.001096	.000805	.0016487
%RSD	332.9853	33.57300	15.35739	41.64698	50.71173	21.64464

#1	-.000019	-.011424	-.004860	-.002934	-.000746	.0088449
#2	-.000180	-.007747	-.006465	-.001415	-.001667	.0057432
#3	.000080	-.005912	-.005197	-.003543	-.002351	.0082631

Elem	Sr4077
Units	ppm
Avg	F .1009432
Stddev	.0002028
%RSD	.2008991

#1	.1007831
#2	.1008753
#3	.1011712

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1782.265	3647.569	52438.22	7401.680	3920.724
Stddev	20.569	10.141	366.34	28.770	9.427
%RSD	1.154090	.2780336	.6986198	.3886967	.2404408

#1	1772.786	3652.940	52264.63	7423.972	3919.744
#2	1805.864	3653.896	52859.09	7369.203	3930.603
#3	1768.145	3635.872	52190.94	7411.865	3911.825

Sample Name: CCB073 Acquired: 11/26/2019 12:32:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001537	.0000989	.0021170	.0027444	-.001672	.0088470	.0009138
Stddev	.001567	.0002945	.0001251	.0027769	.001544	.0061634	.0007869
%RSD	101.9319	297.8814	5.911504	101.1823	92.30411	69.66648	86.11110

#1	-.000316	-.000164	.0021452	.0051397	-.002908	.0157942	.0008643
#2	-.000992	.000417	.0022256	.0033929	-.002167	.0040355	.0001528
#3	-.003304	.000043	.0019801	-.000299	.000058	.0067114	.0017242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000370	.0000779	.0107054	.0007124	.0002527	.0025145	.0133004
Stddev	.0000520	.0000197	.0033294	.0002796	.0000272	.0027345	.0091015
%RSD	140.3391	25.31337	31.10008	39.25011	10.75562	108.7490	68.43031

#1	.0000414	.0000552	.0076247	.0004417	.0002343	.0056701	.0207391
#2	.0000867	.0000907	.0142374	.0010001	.0002839	.0010341	.0160104
#3	-.000017	.0000878	.0102542	.0006954	.0002400	.0008394	.0031517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005152	.0180536	-.000297	.0007359	.2235852	-.001226	-.000580
Stddev	.0002784	.0143073	.000158	.0002818	.2334757	.001911	.000303
%RSD	54.03697	79.24906	53.36141	38.29856	104.4236	155.7752	52.29189

#1	.0007704	.0120670	-.000409	.0004487	.0705412	-.001165	-.000290
#2	.0005570	.0343818	-.000366	.0007469	.4923156	.000653	-.000553
#3	.0002183	.0077120	-.000116	.0010121	.1078989	-.003167	-.000895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1053263	.0010179	.0107584	.0002540	.0026274	-.001081	.0001783
Stddev	.1198565	.0028701	.0012336	.0000960	.0037167	.000304	.0003699
%RSD	113.7954	281.9733	11.46654	37.78858	141.4584	28.08817	207.5152

#1	-.027406	.0008824	.0120229	.0001727	.0042191	-.001108	.0000436
#2	.137750	-.001782	.0095582	.0002293	.0052831	-.001370	.0005967
#3	.205636	.003953	.0106939	.0003598	-.001620	-.000764	-.000105

Sample Name: CCB073 Acquired: 11/26/2019 12:32:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB073 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002971	.0068417	.0001445
Stddev	.0008679	.0010978	.0000649
%RSD	292.1571	16.04588	44.94742

#1	.0009856	.0072884	.0002164
#2	.0005835	.0076457	.0000901
#3	-.000678	.0055909	.0001269

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.022	3927.430	56010.66	7517.368	4610.164
Stddev	1.466	4.540	145.67	11.963	1.061
%RSD	.0768905	.1156086	.2600827	.1591319	.0230150

#1	1904.897	3922.240	56085.64	7529.548	4611.357
#2	1905.488	3930.670	55842.77	7516.921	4609.324
#3	1907.679	3929.380	56103.57	7505.636	4609.812

Sample Name: CCV073 Acquired: 11/26/2019 12:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.898290	4.942275	25.00473	4.825840	4.883570	386.6938	10.03127
Stddev	.040898	.037374	.08603	.033401	.036327	3.0873	.03907
%RSD	.8349411	.7562065	.3440737	.6921317	.7438531	.7983811	.3894687

#1	4.873680	4.925558	24.90548	4.807694	4.848436	384.0038	10.01044
#2	4.875690	4.916178	25.05808	4.805440	4.881291	390.0647	10.00703
#3	4.945501	4.985089	25.05063	4.864387	4.920982	386.0128	10.07634

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5004770	2.505510	395.2755	15.34404	2.526727	15.11342	388.8543
Stddev	.0065001	.009624	.9678	.03474	.007841	.01420	1.1374
%RSD	1.298773	.3841291	.2448434	.2264205	.3103038	.0939842	.2925079

#1	.5079057	2.497338	395.6357	15.37663	2.518600	15.10718	389.4244
#2	.4958342	2.503073	394.1793	15.34800	2.527334	15.12968	387.5445
#3	.4976913	2.516118	396.0116	15.30748	2.534246	15.10341	389.5939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71492	387.1396	2.504713	1.248848	379.2178	2.444620	14.34639
Stddev	.05415	1.2760	.008964	.015984	2.3009	.010911	.15722
%RSD	.3680029	.3295905	.3578933	1.279907	.6067581	.4463087	1.095854

#1	14.77272	387.6357	2.497010	1.266144	377.9252	2.435929	14.34815
#2	14.66537	385.6901	2.502577	1.234621	377.8539	2.441068	14.18831
#3	14.70667	388.0930	2.514553	1.245778	381.8744	2.456865	14.50272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.6842	5.064590	4.926382	4.864065	5.075972	4.908272	5.036544
Stddev	1.7802	.054868	.052835	.029907	.051010	.065107	.032497
%RSD	1.205406	1.083363	1.072485	.6148531	1.004923	1.326481	.6452208

#1	146.6238	5.019070	4.987324	4.842598	5.036657	4.983258	5.012642
#2	146.6894	5.049186	4.893454	4.851373	5.057646	4.866103	5.023445
#3	149.7394	5.125513	4.898367	4.898225	5.133612	4.875457	5.073547

Sample Name: CCV073 Acquired: 11/26/2019 12:28:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.055616	5.079199	4.984666
Stddev	.014837	.019011	.021703
%RSD	.2934770	.3742914	.4353983

#1	5.048967	5.058412	4.990454
#2	5.072614	5.083482	5.002888
#3	5.045265	5.095703	4.960655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.180	3358.516	50159.20	7217.440	3534.317
Stddev	11.160	6.237	104.79	28.795	2.025
%RSD	.6918214	.1857155	.2089161	.3989629	.0572912

#1	1609.800	3360.025	50038.73	7200.936	3536.440
#2	1625.639	3363.861	50209.66	7200.694	3534.104
#3	1604.099	3351.663	50229.22	7250.689	3532.407

Sample Name: PB125051BL Acquired: 11/26/2019 12:41:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002061	-.000552	.0004673	.0002133	-.000699	-.008868	.0006205
Stddev	.0032709	.002027	.0011887	.0023414	.002171	.006920	.0005949
%RSD	1587.217	367.0247	254.3498	1097.900	310.5389	78.03658	95.87376

#1	.0010747	-.000780	.0012062	.0013723	.000955	-.011746	.0002153
#2	-.003411	-.002456	.0010997	-.002482	-.003157	-.000973	.0013035
#3	.002955	.001579	-.000904	.001749	.000104	-.013885	.0003428

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000041	.0001109	.0002731	.0003653	.0001674	.0012772	.0003186
Stddev	.000057	.0000910	.0037019	.0004847	.0001478	.0035741	.0056797
%RSD	137.3224	82.01795	1355.587	132.6787	88.32774	279.8415	1782.564

#1	-.000067	.0000086	.0035275	.0000019	.0000927	-.001531	.0058472
#2	-.000081	.0001826	-.003754	.0001784	.0003376	.005300	.0006098
#3	.000024	.0001416	.001046	.0009156	.0000717	.000062	-.005501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001428	-.011870	-.000157	.0006609	.1685433	.0012255	.0045208
Stddev	.0004056	.009174	.000255	.0001700	.1475123	.0036324	.0009098
%RSD	283.9299	77.29337	162.5405	25.72262	87.52187	296.4070	20.12358

#1	.0003594	-.014526	-.000373	.0004681	.3317265	.0007443	.0055364
#2	.0003942	-.019423	.000125	.0007257	.1292401	.0050745	.0037803
#3	-.000325	-.001660	-.000224	.0007890	.0446634	-.002142	.0042459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159743	.0010094	.0024134	.0003981	-.003123	-.002389	-.000744
Stddev	.0856266	.0013383	.0007193	.0003820	.004275	.001312	.001090
%RSD	536.0287	132.5916	29.80427	95.96205	136.8703	54.90255	146.4168

#1	.0470349	.0014937	.0032423	-.000022	-.007308	-.003320	.000144
#2	-.080848	.0020381	.0019529	.000492	.001236	-.000889	-.000417
#3	.081736	-.000504	.0020451	.000724	-.003298	-.002957	-.001961

Sample Name: PB125051BL Acquired: 11/26/2019 12:41:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010640	.0001813	-.000013
Stddev	.0003152	.0026423	.000095
%RSD	29.62862	1457.527	710.1822

#1	.0012121	.0030147	-.000002
#2	.0007020	-.002215	.000075
#3	.0012779	-.000255	-.000114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.625	3884.621	55553.17	7377.325	4568.319
Stddev	5.921	9.153	218.53	65.054	13.816
%RSD	.3123751	.2356193	.3933703	.8818039	.3024355

#1	1898.149	3874.210	55307.44	7373.012	4553.891
#2	1888.860	3891.405	55626.38	7314.535	4581.429
#3	1899.867	3888.248	55725.70	7444.428	4569.636

Sample Name: K5892-01 Acquired: 11/26/2019 13:37:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125941	.0140175	.0595470	-.027724	-.001320	61.29461	.8802285
Stddev	.0023657	.0017126	.0010323	.002309	.000568	.37126	.0043058
%RSD	18.78403	12.21788	1.733548	8.330373	42.98863	.6057011	.4891674

#1	.0130506	.0135061	.0583663	-.028701	-.001939	60.90721	.8752692
#2	.0146983	.0159276	.0599961	-.029384	-.001198	61.64730	.8830152
#3	.0100334	.0126188	.0602788	-.025086	-.000824	61.32930	.8824009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043889	.0029585	32.03376	.1090649	.0752506	.0897287	150.0619
Stddev	.0000828	.0000513	.10503	.0003184	.0007548	.0037228	.9216
%RSD	1.887394	1.734241	.3278733	.2919176	1.003049	4.148925	.6141231

#1	.0044712	.0030176	31.92360	.1094324	.0760131	.0927499	149.0051
#2	.0043901	.0029250	32.13277	.1088746	.0745038	.0855698	150.6983
#3	.0043055	.0029330	32.04491	.1088876	.0752350	.0908663	150.4823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.247024	28.59429	.1308805	-.002791	1.838272	.3799871	.6535685
Stddev	.015172	.09452	.0005029	.000025	.190324	.0012138	.0055300
%RSD	.4672686	.3305456	.3842823	.8999518	10.35340	.3194353	.8461224

#1	3.229504	28.54171	.1308003	-.002805	2.023704	.3798493	.6514738
#2	3.255800	28.70341	.1314187	-.002805	1.643408	.3812640	.6493919
#3	3.255767	28.53775	.1304224	-.002762	1.847703	.3788482	.6598399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.894864	5.274627	-.012147	-.000255	.5649109	7.399354	-.001874
Stddev	.110119	.002071	.005213	.000145	.0029589	.018012	.000950
%RSD	2.249683	.0392600	42.91182	56.97840	.5237750	.2434216	50.71312

#1	4.768459	5.272459	-.018080	-.000201	.5616296	7.419293	-.001049
#2	4.970004	5.274838	-.008303	-.000419	.5657269	7.384260	-.001661
#3	4.946129	5.276584	-.010059	-.000144	.5673761	7.394509	-.002913

Sample Name: K5892-01 Acquired: 11/26/2019 13:37:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.518872	.0406401	.2764073
Stddev	.012410	.0017421	.0000641
%RSD	.1650518	4.286692	.0231875

#1	7.531717	.0422450	.2764516
#2	7.517951	.0408880	.2764365
#3	7.506948	.0387873	.2763338

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.529	4199.381	60494.84	8122.057	4450.969
Stddev	6.990	2.757	294.99	38.434	6.211
%RSD	.3401997	.0656426	.4876235	.4732036	.1395422

#1	2048.062	4201.243	60408.54	8103.585	4445.246
#2	2053.581	4200.686	60252.63	8096.346	4450.088
#3	2061.944	4196.214	60823.35	8166.239	4457.574

Sample Name: K5850-07 Acquired: 11/26/2019 14:29:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453072	.0367838	13.69462	-.107031	.0904785	53.63054	1.825683
Stddev	.0002355	.0024661	.01589	.003735	.0021494	.35048	.012667
%RSD	.5198513	6.704277	.1160492	3.489611	2.375547	.6535042	.6938086

#1	.0451432	.0342282	13.70129	-.111132	.0880142	53.69833	1.831155
#2	.0452012	.0369738	13.67648	-.106139	.0919659	53.94218	1.834694
#3	.0455771	.0391494	13.70609	-.103824	.0914554	53.25112	1.811200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143075	.0774739	210.1106	.7441498	.1423653	9.535412	638.0916
Stddev	.0001618	.0003433	.7022	.0019626	.0008103	.020144	1.7977
%RSD	1.130609	.4430540	.3342072	.2637306	.5691475	.2112545	.2817240

#1	.0144124	.0776276	210.2290	.7461152	.1432609	9.517941	638.8616
#2	.0141212	.0777135	210.7461	.7441440	.1416830	9.530850	639.3761
#3	.0143889	.0770807	209.3568	.7421901	.1421521	9.557446	636.0372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.605988	20.37720	.9635611	.0038116	-.464419	.1903524	14.49064
Stddev	.006217	.10386	.0004066	.0003914	.182364	.0030825	.03665
%RSD	.1108994	.5096924	.0422025	10.26808	39.26710	1.619379	.2528979

#1	5.607707	20.42402	.9633394	.0033629	-.481848	.1926226	14.47466
#2	5.611165	20.44942	.9640304	.0040825	-.637442	.1915916	14.46470
#3	5.599093	20.25817	.9633136	.0039893	-.273966	.1868432	14.53256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.945062	3.299589	.0647373	.1614910	14.85042	2.453514	.4097269
Stddev	.123729	.004673	.0036811	.0005615	.03212	.002728	.0018145
%RSD	1.781533	.1416329	5.686248	.3476665	.2162671	.1111837	.4428566

#1	6.871140	3.304307	.0685787	.1611990	14.88714	2.453945	.4118194
#2	7.087902	3.294961	.0643924	.1621383	14.82758	2.456000	.4087715
#3	6.876144	3.299500	.0612407	.1611357	14.83654	2.450596	.4085896

Sample Name: K5850-07 Acquired: 11/26/2019 14:29:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AC5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5106974	.0730049	.4188103
Stddev	.0033101	.0009604	.0006823
%RSD	.6481516	1.315480	.1629068

#1	.5082063	.0740888	.4183441
#2	.5094324	.0726658	.4195934
#3	.5144534	.0722601	.4184933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.491	3889.157	57578.10	7940.835	4184.573
Stddev	2.700	6.106	310.97	32.851	6.267
%RSD	.1407546	.1570103	.5400795	.4136978	.1497647

#1	1921.592	3882.747	57889.46	7976.932	4177.341
#2	1916.658	3889.816	57267.52	7912.689	4187.954
#3	1917.222	3894.907	57577.31	7932.884	4188.422

Sample Name: PB125052BL Acquired: 11/26/2019 12:49:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001328	-.001011	-.000783	.0000622	-.001439	-.003557	.0003740
Stddev	.003357	.000751	.000512	.0033195	.001854	.012210	.0004394
%RSD	252.7027	74.25900	65.40490	5334.394	128.8563	343.3208	117.4914

#1	-.003515	-.001874	-.000924	-.003763	.000428	-.005990	.0008809
#2	.002537	-.000506	-.000215	.001765	-.001465	.009687	.0001006
#3	-.003007	-.000654	-.001209	.002185	-.003280	-.014367	.0001406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	.0000871	.0074697	.0003455	.0001934	.0027081	-.004278
Stddev	.000004	.0000420	.0067652	.0000819	.0000145	.0031661	.008361
%RSD	83.62249	48.25851	90.56807	23.69907	7.503903	116.9118	195.4413

#1	-.000010	.0000483	.0038635	.0004253	.0001810	.0029669	-.002613
#2	-.000005	.0000813	.0032716	.0002617	.0002093	-.000579	-.013346
#3	-.000001	.0001318	.0152740	.0003496	.0001898	.005737	.003125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000038	-.002623	-.000408	.0003771	-.043455	-.000667	-.001697
Stddev	.000264	.009447	.000404	.0004866	.114204	.000811	.001637
%RSD	696.5782	360.2156	99.09439	129.0339	262.8080	121.5219	96.44210

#1	-.000337	-.011882	-.000691	.0008314	-.093560	-.001601	-.003556
#2	.000161	-.002988	-.000586	.0004363	.087237	-.000142	-.000471
#3	.000063	.007002	.000055	-.000136	-.124043	-.000259	-.001065

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060882	.0019836	-.000167	.0000542	-.001575	-.002324	-.001448
Stddev	.033297	.0001786	.000673	.0002507	.003557	.000696	.000405
%RSD	54.69143	9.005926	403.5911	462.1868	225.8800	29.95752	27.99380

#1	-.031987	.0020015	-.000519	.0001862	.001037	-.001585	-.001848
#2	-.053364	.0021527	.000610	-.000235	-.000135	-.002967	-.001456
#3	-.097296	.0017967	-.000591	.000211	-.005626	-.002418	-.001038

Sample Name: PB125052BL Acquired: 11/26/2019 12:49:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000039	-.003290	.0000012
Stddev	.000753	.001730	.0000731
%RSD	1936.805	52.59814	5917.392

#1	.000674	-.002762	.0000815
#2	-.000827	-.005222	-.000061
#3	.000036	-.001885	-.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.588	3912.348	56389.75	7512.512	4587.358
Stddev	5.537	5.305	317.15	43.445	4.991
%RSD	.2877143	.1356004	.5624160	.5783037	.1087919

#1	1921.385	3911.729	56178.60	7477.153	4583.479
#2	1921.398	3917.936	56236.21	7561.010	4592.988
#3	1930.982	3907.380	56754.45	7499.375	4585.606

Sample Name: PB125051BS Acquired: 11/26/2019 12:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195886	.0527090	.0204696	.0713010	.1187088	.3829805
Stddev	.0047030	.0009912	.0006651	.0031009	.0016615	.0022468
%RSD	24.00862	1.880581	3.248999	4.349035	1.399608	.5866753

#1	.0143630	.0538140	.0201185	.0680852	.1168458	.3841523
#2	.0209216	.0518981	.0212366	.0742726	.1200371	.3803900
#3	.0234811	.0524148	.0200537	.0715451	.1192436	.3843993

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4021609	.0105117	.0101565	9.919716	.0224800	.0982644
Stddev	.0005328	.0000770	.0000442	.025378	.0004774	.0006300
%RSD	.1324723	.7328597	.4349360	.2558351	2.123702	.6411350

#1	.4025039	.0105999	.0101055	9.912138	.0225243	.0978129
#2	.4015472	.0104576	.0101820	9.898991	.0219820	.0979961
#3	.4024317	.0104776	.0101821	9.948020	.0229337	.0989841

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0471684	.2030319	.0328447	9.727531	.0805146	.0205447
Stddev	.0021802	.0036584	.0007275	.061297	.0007004	.0002013
%RSD	4.622229	1.801887	2.214901	.6301351	.8699162	.9798088

#1	.0470009	.1998059	.0320757	9.791708	.0797711	.0205575
#2	.0494275	.2070068	.0335220	9.721292	.0806107	.0203373
#3	.0450767	.2022829	.0329364	9.669592	.0811620	.0207393

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.890279	.1007436	.1289013	9.371120	.0192274	F .0228458
Stddev	.153122	.0022254	.0017664	.086820	.0019337	.0006286
%RSD	1.548212	2.208997	1.370351	.9264650	10.05685	2.751357

#1	9.922165	.0999386	.1273087	9.410908	.0213522	.0235069
#2	10.02495	.1032594	.1285941	9.430916	.0175708	.0227748
#3	9.72372	.0990326	.1308012	9.271537	.0187593	.0222557

Sample Name: PB125051BS Acquired: 11/26/2019 12:45:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS051 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206595	.1797747	.1971077	.0111308	.2032762	F .0951642
Stddev	.0002019	.0029030	.0014604	.0010684	.0005212	.0014963
%RSD	.9770190	1.614774	.7408887	9.598358	.2563897	1.572301

#1	.0207872	.1781558	.1987591	.0104885	.2029584	.0943857
#2	.0207645	.1831261	.1965776	.0123641	.2038777	.0968892
#3	.0204268	.1780423	.1959865	.0105397	.2029926	.0942177

Elem	Sr4077
Units	ppm
Avg	.1991147
Stddev	.0003363
%RSD	.1689113

#1	.1989727
#2	.1994988
#3	.1988727

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.788	3892.541	55828.20	7443.783	4533.068
Stddev	8.385	5.551	564.73	35.096	3.135
%RSD	.4406669	.1425970	1.011544	.4714780	.0691532

#1	1911.854	3890.656	56400.99	7403.761	4536.180
#2	1895.311	3898.788	55811.71	7469.309	4533.113
#3	1901.198	3888.178	55271.90	7458.278	4529.911

Sample Name: PB125052BS Acquired: 11/26/2019 12:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195291	.0539615	.0217306	.0711507	.1189275	.3923696
Stddev	.0018233	.0004850	.0011496	.0033444	.0009628	.0066536
%RSD	9.336395	.8987485	5.290097	4.700482	.8095879	1.695738

#1	.0183393	.0543061	.0216171	.0742334	.1199900	.3952480
#2	.0216283	.0534069	.0229327	.0675949	.1181128	.3970994
#3	.0186198	.0541715	.0206420	.0716236	.1186797	.3847615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4035860	.0103710	.0101533	9.968450	.0224767	.0980406
Stddev	.0015152	.0000679	.0000834	.037226	.0006034	.0001935
%RSD	.3754408	.6544216	.8217695	.3734343	2.684446	.1973711

#1	.4044365	.0104024	.0102207	9.949498	.0229749	.0982545
#2	.4044849	.0102932	.0101792	10.01134	.0226493	.0978777
#3	.4018366	.0104175	.0100600	9.94451	.0218058	.0979895

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478044	.2039067	.0322926	9.746215	.0815588	.0207558
Stddev	.0007795	.0092627	.0006253	.028874	.0001078	.0001774
%RSD	1.630524	4.542593	1.936469	.2962553	.1321828	.8547155

#1	.0473904	.1944060	.0315717	9.714068	.0814561	.0206285
#2	.0473194	.2129114	.0326891	9.769945	.0816710	.0206804
#3	.0487035	.2044025	.0326170	9.754631	.0815492	.0209584

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.594305	.1008983	.1302014	9.223523	.0222213	F .0208927
Stddev	.285251	.0008470	.0032564	.021589	.0009933	.0013733
%RSD	2.973124	.8394914	2.501057	.2340670	4.469945	6.573128

#1	9.271351	.1011775	.1272979	9.234339	.0231686	.0193272
#2	9.699713	.0999469	.1295838	9.237567	.0223077	.0218944
#3	9.811851	.1015705	.1337223	9.198664	.0211877	.0214565

Sample Name: PB125052BS Acquired: 11/26/2019 12:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS052 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205541	.1769322	.1920103	.0104302	.2029296	F .0929969
Stddev	.0003615	.0024287	.0009802	.0009209	.0018744	.0011513
%RSD	1.759012	1.372652	.5104780	8.828919	.9236628	1.237958

#1	.0206656	.1743927	.1912503	.0102184	.2018142	.0917685
#2	.0201499	.1792323	.1916640	.0096336	.2018809	.0940512
#3	.0208467	.1771715	.1931166	.0114385	.2050936	.0931710

Elem	Sr4077
Units	ppm
Avg	.1988976
Stddev	.0004450
%RSD	.2237220

#1	.1988088
#2	.1993803
#3	.1985037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.362	3884.431	55858.07	7546.321	4525.633
Stddev	20.004	6.487	84.67	49.336	1.888
%RSD	1.045482	.1669902	.1515838	.6537744	.0417269

#1	1933.048	3882.816	55846.02	7571.410	4525.304
#2	1913.985	3878.904	55948.12	7578.071	4523.931
#3	1893.054	3891.572	55780.07	7489.483	4527.664

Sample Name: PB125053BL Acquired: 11/26/2019 12:58:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS053 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004068	.0017298	.0001689	.0010748	-.001189	-.011705	.0001751
Stddev	.002920	.0007862	.0007989	.0040969	.001372	.003777	.0005910
%RSD	71.75997	45.45151	472.8698	381.1931	115.3841	32.26946	337.5590

#1	-.007402	.0015309	-.000656	-.003172	-.000484	-.013277	.0001305
#2	-.002835	.0025964	.000938	.005003	-.000313	-.007396	.0007871
#3	-.001968	.0010621	.000225	.001394	-.002771	-.014442	-.000392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000013	-.002776	.0000768	.0001100	.0029098	-.004540
Stddev	.000039	.000061	.005748	.0005012	.0001324	.0032208	.007208
%RSD	257.4868	468.0403	207.0689	652.7273	120.3675	110.6877	158.7513

#1	.000025	.000056	.002776	.0006508	.0002593	.0058317	-.010966
#2	-.000017	-.000060	-.002401	-.000274	.0000633	-.000544	-.005909
#3	-.000053	-.000034	-.008703	-.000146	.0000073	.003441	.003254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002244	-.001417	-.000117	.0000062	-.136221	-.000553	-.001066
Stddev	.0003486	.003778	.000168	.0003305	.137321	.001434	.001844
%RSD	155.3836	266.6812	143.0676	5329.065	100.8079	259.2850	173.0849

#1	-.000123	-.004573	-.000281	-.000192	-.208715	-.001287	-.003171
#2	.000221	.002770	-.000127	.000388	-.222103	-.001472	.000263
#3	.000574	-.002448	.000055	-.000177	.022156	.001099	-.000288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014774	.0017968	-.000861	-.000005	-.000110	-.002674	-.001625
Stddev	.027029	.0028938	.001125	.000187	.002188	.001401	.000874
%RSD	182.9548	161.0537	130.6730	3900.255	1993.039	52.37520	53.75746

#1	.016418	.0033965	-.000255	-.000168	.002410	-.003792	-.000732
#2	-.029427	-.001544	-.002160	-.000045	-.001204	-.003128	-.001666
#3	-.031312	.003537	-.000169	.000199	-.001535	-.001103	-.002478

Sample Name: PB125053BL Acquired: 11/26/2019 12:58:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS053 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006022	-.005991	.0000039
Stddev	.0009409	.001410	.0000560
%RSD	156.2539	23.52770	1422.765

#1	-.000466	-.007475	.0000677
#2	.000966	-.004670	-.000019
#3	.001307	-.005828	-.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.559	3885.767	56116.72	7439.641	4574.991
Stddev	10.531	3.774	245.15	30.118	3.404
%RSD	.5500618	.0971126	.4368548	.4048331	.0743955

#1	1911.195	3882.878	55919.96	7434.275	4571.061
#2	1926.362	3890.037	56391.34	7472.081	4576.976
#3	1906.121	3884.387	56038.86	7412.566	4576.935

Sample Name: K5850-13 Acquired: 11/26/2019 13:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012662	.0511002	7.639157	-.187414	.0879106	62.75738
Stddev	.004536	.0019425	.018415	.002874	.0016252	.27321
%RSD	35.82781	3.801255	.2410608	1.533526	1.848692	.4353377

#1	-.013471	.0507567	7.628995	-.184641	.0893513	62.73025
#2	-.016739	.0531915	7.660414	-.187221	.0861488	62.49875
#3	-.007775	.0493524	7.628061	-.190380	.0882315	63.04314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.918184	.0187028	.0602279	626.3238	1.033984	.1873501
Stddev	.000297	.0002930	.0003115	1.7917	.004085	.0004296
%RSD	.0154865	1.566499	.5171559	.2860641	.3950818	.2293034

#1	1.918502	.0183851	.0601658	624.4759	1.035650	.1878235
#2	1.917913	.0189623	.0605657	626.4420	1.029330	.1872416
#3	1.918139	.0187609	.0599521	628.0534	1.036973	.1869851

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.04133	F 1010.759	8.663515	58.04536	1.038630	.0033212
Stddev	.01284	3.791	.034918	.28825	.001419	.0010143
%RSD	.0674156	.3750763	.4030469	.4965934	.1365943	30.53959

#1	19.03135	1010.725	8.637025	58.08926	1.038629	.0043912
#2	19.05581	1006.985	8.650436	57.73767	1.037213	.0031987
#3	19.03684	1014.567	8.703085	58.30914	1.040050	.0023738

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065242	.2341802	16.38653	7.791666	3.450916	^ *****
Stddev	.187281	.0026749	.15350	.004490	.012113	-----
%RSD	287.0548	1.142255	.9367269	.0576257	.3510106	-----

#1	-.066256	.2316804	16.22960	7.796839	3.464401	^ -----
#2	-.252014	.2370012	16.53635	7.789371	3.447392	^ -----
#3	.122544	.2338591	16.39363	7.788786	3.440956	^ -----

Sample Name: K5850-13 Acquired: 11/26/2019 13:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1736890	13.64160	1.749874	.6347898	.4125304	.0982043
Stddev	.0001925	.01675	.009540	.0062397	.0022777	.0020097
%RSD	.1108262	.1227497	.5451921	.9829639	.5521223	2.046477

#1	.1739031	13.66026	1.744222	.6401684	.4099083	.0983809
#2	.1735301	13.62789	1.744511	.6362525	.4140184	.1001198
#3	.1736339	13.63666	1.760888	.6279487	.4136644	.0961121

Elem	Sr4077
Units	ppm
Avg	1.129546
Stddev	.001042
%RSD	.0922116

#1	1.128437
#2	1.130504
#3	1.129697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.706	3789.203	55948.87	7927.275	3930.753
Stddev	13.336	5.052	240.60	27.746	1.861
%RSD	.7205854	.1333294	.4300392	.3500047	.0473437

#1	1861.308	3786.388	55984.48	7945.004	3931.473
#2	1835.733	3795.035	55692.44	7941.521	3932.147
#3	1855.076	3786.185	56169.68	7895.300	3928.640

Sample Name: PB125053BS Acquired: 11/26/2019 13:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0200336	.0519033	.0208054	.0782182	.1206517	.3907755
Stddev	.0014445	.0003967	.0009287	.0035593	.0008804	.0051257
%RSD	7.210252	.7643616	4.463578	4.550485	.7297223	1.311680

#1	.0193551	.0523348	.0216239	.0769123	.1212880	.3902255
#2	.0216924	.0515542	.0209960	.0822461	.1210202	.3961541
#3	.0190533	.0518209	.0197962	.0754964	.1196469	.3859470

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4083979	.0106393	.0101847	10.11635	.0224763	.0989948
Stddev	.0020769	.0000847	.0000277	.03632	.0004417	.0004845
%RSD	.5085398	.7958177	.2714975	.3590590	1.965058	.4894690

#1	.4061218	.0106309	.0101941	10.07454	.0221172	.0984535
#2	.4101900	.0107279	.0101535	10.14019	.0229694	.0991428
#3	.4088821	.0105592	.0102063	10.13431	.0223421	.0993880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474351	.1949193	.0333463	9.960950	.0822091	.0205984
Stddev	.0032019	.0154804	.0007640	.106935	.0001671	.0002365
%RSD	6.749963	7.941963	2.291158	1.073538	.2032205	1.148321

#1	.0462054	.1805679	.0327897	9.866832	.0820532	.0208242
#2	.0450304	.2113238	.0330319	9.938790	.0821887	.0206184
#3	.0510695	.1928661	.0342174	10.07723	.0823855	.0203524

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.920113	.1026242	.1344154	9.462354	.0213163	F .0204763
Stddev	.072569	.0029217	.0015932	.089415	.0026344	.0009354
%RSD	.7315299	2.847019	1.185266	.9449553	12.35874	4.568118

#1	9.836471	.1030896	.1352865	9.425859	.0232162	.0215533
#2	9.957561	.1052853	.1353832	9.396959	.0183089	.0200083
#3	9.966309	.0994977	.1325766	9.564245	.0224237	.0198672

Sample Name: PB125053BS Acquired: 11/26/2019 13:02:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) 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	.0207968	.1795070	.1971340	.0099300	.2064556	F .0931643
Stddev	.0004118	.0012486	.0017667	.0006264	.0007425	.0030383
%RSD	1.980010	.6955764	.8961697	6.307688	.3596334	3.261219

#1	.0208032	.1799707	.1974230	.0101056	.2071940	.0902466
#2	.0203819	.1804573	.1987383	.0104498	.2064637	.0963103
#3	.0212053	.1780928	.1952406	.0092346	.2057091	.0929360

Elem	Sr4077
Units	ppm
Avg	.2006418
Stddev	.0001440
%RSD	.0717691

#1	.2008073
#2	.2005452
#3	.2005730

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.537	3884.820	55572.80	7436.040	4532.012
Stddev	10.181	6.797	378.61	13.403	5.420
%RSD	.5359984	.1749696	.6812898	.1802487	.1195934

#1	1889.390	3892.225	55450.26	7439.904	4534.998
#2	1909.752	3883.372	55997.51	7421.130	4535.282
#3	1899.468	3878.864	55270.64	7447.088	4525.755

Sample Name: K5850-15 Acquired: 11/26/2019 13:14:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0925790	.1360188	7.134381	-.145366	.0914272	77.17762
Stddev	.0043396	.0056880	.014324	.001066	.0025783	.35385
%RSD	4.687419	4.181758	.2007706	.7330035	2.820104	.4584909

#1	.0971627	.1410147	7.131567	-.146359	.0936533	77.57477
#2	.0885338	.1298284	7.121673	-.144240	.0886021	76.89589
#3	.0920407	.1372133	7.149903	-.145498	.0920261	77.06220

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.717222	.1177353	.1585812	651.2307	1.392732	1.247708
Stddev	.020289	.0008423	.0001868	2.0177	.002546	.001418
%RSD	.3020384	.7154334	.1178036	.3098237	.1828139	.1136616

#1	6.736082	.1176863	.1585390	652.5076	1.390644	1.246091
#2	6.719828	.1169185	.1587855	652.2799	1.391984	1.248739
#3	6.695757	.1186010	.1584191	648.9046	1.395568	1.248295

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96133	F 888.0888	9.286718	55.04563	2.020530	.0986814
Stddev	.04459	4.2434	.035280	.25565	.001998	.0005915
%RSD	.4067782	.4778130	.3798970	.4644310	.0989092	.5994444

#1	10.93695	892.6340	9.310677	55.34051	2.018902	.0981402
#2	11.01280	887.4011	9.303272	54.90997	2.022760	.0985912
#3	10.93425	884.2312	9.246205	54.88640	2.019927	.0993129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192395	1.215837	17.63629	7.633415	3.349644	^ *****
Stddev	.0902084	.008055	.05036	.033250	.011908	-----
%RSD	468.8718	.6625394	.2855373	.4355795	.3555062	-----

#1	-.078060	1.217049	17.58350	7.606707	3.356265	^ -----
#2	.035683	1.223218	17.64158	7.622882	3.356769	^ -----
#3	.100095	1.207245	17.68380	7.670655	3.335896	^ -----

Sample Name: K5850-15 Acquired: 11/26/2019 13:14:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1519651	13.42562	3.996936	.4125297	.4014968	.0986863
Stddev	.0008488	.00321	.036983	.0010451	.0022414	.0001982
%RSD	.5585206	.0239461	.9252819	.2533377	.5582530	.2008685
#1	.1510252	13.42367	3.988757	.4132966	.4006494	.0987733
#2	.1526754	13.42386	3.964728	.4113393	.4040383	.0984594
#3	.1521947	13.42933	4.037324	.4129530	.3998027	.0988261

Elem	Sr4077
Units	ppm
Avg	1.214510
Stddev	.002385
%RSD	.1963654
#1	1.213789
#2	1.217172
#3	1.212569

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.140	3742.512	55751.15	7840.720	3887.689
Stddev	8.740	8.287	155.52	31.322	4.126
%RSD	.4739278	.2214240	.2789606	.3994771	.1061239
#1	1848.102	3735.776	55929.06	7810.891	3885.822
#2	1850.198	3739.995	55683.39	7837.922	3884.827
#3	1834.121	3751.766	55641.01	7873.347	3892.419

Sample Name: K5850-14 Acquired: 11/26/2019 13:10:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012290	.0516709	7.619721	-.181695	.0790736	62.32222
Stddev	.001500	.0008451	.013590	.004883	.0015993	.08732
%RSD	12.20165	1.635619	.1783533	2.687640	2.022526	.1401101

#1	-.010918	.0525199	7.608706	-.185653	.0802204	62.40447
#2	-.013891	.0516631	7.615549	-.183194	.0772467	62.23059
#3	-.012061	.0508296	7.634908	-.176238	.0797537	62.33159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919542	.0184197	.0601865	615.3681	1.006533	.1856052
Stddev	.003228	.0002099	.0000750	.6685	.000957	.0006817
%RSD	.1681813	1.139534	.1246867	.1086329	.0950991	.3673079

#1	1.923250	.0186586	.0601394	615.7985	1.006145	.1854463
#2	1.918021	.0183356	.0601472	615.7079	1.007623	.1850170
#3	1.917355	.0182648	.0602731	614.5980	1.005830	.1863524

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.68718	F 980.7626	8.479017	56.81007	1.029392	.0049031
Stddev	.03681	.4190	.019220	.11659	.002465	.0010021
%RSD	.2205941	.0427180	.2266800	.2052285	.2394661	20.43811

#1	16.69280	980.2950	8.481872	56.76091	1.029427	.0041965
#2	16.72086	981.1037	8.496649	56.72611	1.026910	.0044628
#3	16.64788	980.8891	8.458528	56.94319	1.031840	.0060499

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.390979	.2292211	16.43585	7.610696	3.439327	^ *****
Stddev	.331347	.0070685	.05568	.056232	.008210	-----
%RSD	84.74804	3.083715	.3387743	.7388506	.2387221	-----

#1	-.442242	.2318054	16.37157	7.635445	3.442185	^ -----
#2	-.036988	.2346338	16.46871	7.546335	3.430069	^ -----
#3	-.693706	.2212241	16.46729	7.650309	3.445726	^ -----

Sample Name: K5850-14 Acquired: 11/26/2019 13:10:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1734305	13.77329	1.668879	.5525576	.4125028	.0972878
Stddev	.0007694	.00844	.009408	.0032664	.0020896	.0011375
%RSD	.4436647	.0612585	.5637441	.5911376	.5065618	1.169218

#1	.1733586	13.77973	1.678708	.5493612	.4135129	.0960211
#2	.1742333	13.76374	1.667971	.5524219	.4138955	.0976203
#3	.1726995	13.77641	1.659958	.5558897	.4101001	.0982221

Elem	Sr4077
Units	ppm
Avg	1.122709
Stddev	.001439
%RSD	.1281888

#1	1.123558
#2	1.123522
#3	1.121047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.029	3772.788	55855.70	7957.316	3918.886
Stddev	10.901	1.161	128.69	16.055	7.670
%RSD	.5898532	.0307687	.2303967	.2017677	.1957105

#1	1853.112	3774.121	55878.52	7958.625	3925.998
#2	1855.459	3771.998	55971.44	7972.677	3919.901
#3	1835.515	3772.246	55717.12	7940.647	3910.759

Sample Name: K5850-13LX5 Acquired: 11/26/2019 13:17:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006755	.0127698	1.499439	-.039796	.0150967	12.54226	.3867619
Stddev	.000501	.0012341	.004356	.005747	.0017051	.10728	.0028691
%RSD	7.420319	9.664209	.2905130	14.43994	11.29473	.8553407	.7418149

#1	-.006424	.0113517	1.496088	-.035328	.0168683	12.66610	.3899876
#2	-.006510	.0133582	1.497865	-.037781	.0134669	12.48288	.3844953
#3	-.007332	.0135997	1.504363	-.046279	.0149550	12.47781	.3858027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040942	.0108783	124.9726	.2134297	.0352547	3.360396	207.3951
Stddev	.0000635	.0002084	.7406	.0008960	.0002609	.007820	1.0778
%RSD	1.550951	1.915301	.5925857	.4198276	.7400896	.2327253	.5197063

#1	.0041236	.0110720	125.4629	.2127236	.0355503	3.351704	208.3347
#2	.0040213	.0106579	124.1207	.2131278	.0351572	3.366862	206.2184
#3	.0041376	.0109051	125.3342	.2144377	.0350565	3.362622	207.6322

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.776397	11.82431	.2025725	.0013395	.1834420	.0489018	3.211702
Stddev	.007587	.07393	.0006928	.0003368	.1534655	.0015987	.017914
%RSD	.4271175	.6252372	.3420076	25.14530	83.65890	3.269264	.5577835

#1	1.777677	11.87256	.2019618	.0017243	.3540353	.0476267	3.204418
#2	1.768251	11.73920	.2024303	.0010983	.0566111	.0483833	3.232111
#3	1.783263	11.86117	.2033254	.0011959	.1396795	.0506955	3.198576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.421324	.6472762	.0248792	.0355512	2.533115	.3521894	.1014155
Stddev	.029288	.0057243	.0015383	.0003557	.011027	.0010938	.0002847
%RSD	2.060588	.8843745	6.183183	1.000406	.4353151	.3105804	.2806913

#1	1.393959	.6444077	.0265688	.0352548	2.544121	.3534125	.1012801
#2	1.417798	.6435532	.0235595	.0354531	2.522067	.3518506	.1017426
#3	1.452215	.6538677	.0245095	.0359456	2.533157	.3513051	.1012239

Sample Name: K5850-13LX5 Acquired: 11/26/2019 13:17:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0836562	.0145961	.2252199
Stddev	.0012745	.0009586	.0002933
%RSD	1.523529	6.567811	.1302319

#1	.0838580	.0138729	.2251304
#2	.0848178	.0142319	.2255475
#3	.0822928	.0156835	.2249818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.978	3817.030	55231.13	7495.684	4297.164
Stddev	10.423	4.343	58.08	45.827	7.294
%RSD	.5588881	.1137798	.1051641	.6113781	.1697504

#1	1861.194	3814.132	55182.23	7466.235	4290.396
#2	1856.974	3814.935	55295.33	7548.483	4304.890
#3	1876.764	3822.024	55215.84	7472.333	4296.206

Sample Name: K5890-03 Acquired: 11/26/2019 13:21:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144697	.0130881	.0652866	-.024941	-.000681	62.63889	.9608007
Stddev	.0036926	.0013186	.0021744	.005657	.000806	.30142	.0070821
%RSD	25.51918	10.07483	3.330491	22.68113	118.3740	.4811953	.7371008

#1	.0114058	.0116933	.0643743	-.018497	.000249	62.30239	.9536076
#2	.0185696	.0132565	.0677684	-.029089	-.001122	62.88413	.9610282
#3	.0134337	.0143143	.0637169	-.027237	-.001171	62.73014	.9677663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044953	.0028881	32.77125	.1086594	.0770448	.0917184	147.4092
Stddev	.0001120	.0000685	.21784	.0003339	.0001888	.0017248	.5492
%RSD	2.492441	2.371701	.6647315	.3072492	.2450882	1.880539	.3725848

#1	.0043659	.0028306	32.54723	.1086243	.0770122	.0901188	146.7821
#2	.0045608	.0029639	32.78418	.1090094	.0768744	.0914907	147.6410
#3	.0045591	.0028699	32.98233	.1083444	.0772478	.0935458	147.8045

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.887880	29.54934	.1331702	-.002535	1.883399	.3682126	.6417970
Stddev	.023487	.16091	.0005806	.000294	.104285	.0027603	.0028846
%RSD	.6041018	.5445444	.4360026	11.61022	5.537062	.7496346	.4494607

#1	3.862527	29.39471	.1329376	-.002594	1.994779	.3668170	.6386143
#2	3.892217	29.53744	.1327420	-.002216	1.788069	.3713920	.6442392
#3	3.908896	29.71587	.1338311	-.002796	1.867350	.3664289	.6425375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051322	5.386749	-.009557	.0000747	.6126078	5.916415	-.002696
Stddev	.013724	.018249	.002126	.0000645	.0073916	.047344	.000566
%RSD	.2716877	.3387830	22.24099	86.34763	1.206575	.8002172	21.00246

#1	5.056770	5.398519	-.008045	.0001450	.6155192	5.884796	-.003347
#2	5.061485	5.396002	-.011988	.0000608	.6042038	5.970846	-.002328
#3	5.035711	5.365727	-.008640	.0000183	.6181003	5.893603	-.002411

Sample Name: K5890-03 Acquired: 11/26/2019 13:21:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.934629	.0428589	.2854139
Stddev	.031168	.0013094	.0007817
%RSD	.4494540	3.055209	.2738975

#1	6.913662	.0442385	.2853662
#2	6.919781	.0427051	.2846571
#3	6.970445	.0416332	.2862184

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.194	4210.546	60219.14	8125.621	4446.208
Stddev	5.852	4.695	405.06	27.104	5.089
%RSD	.2858636	.1115034	.6726402	.3335670	.1144597

#1	2042.072	4206.019	59959.29	8151.064	4440.558
#2	2053.572	4215.393	60685.86	8097.115	4450.432
#3	2045.937	4210.227	60012.28	8128.683	4447.634

Sample Name: K5890-03LX5 Acquired: 11/26/2019 13:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035506	.0020971	.0122493	-.008747	-.002550	13.07511	.2026732
Stddev	.0035239	.0012831	.0004774	.001037	.001405	.03828	.0010083
%RSD	99.24658	61.18641	3.897689	11.85107	55.08503	.2927421	.4975182

#1	.0029953	.0028520	.0127781	-.009031	-.002492	13.06374	.2032202
#2	.0073192	.0028237	.0118499	-.009612	-.003983	13.04380	.2015095
#3	.0003374	.0006155	.0121199	-.007598	-.001176	13.11778	.2032897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009467	.0005878	6.941689	.0231403	.0152121	.0200761	31.28568
Stddev	.0001431	.0000316	.028209	.0000470	.0001662	.0026742	.10737
%RSD	15.11845	5.379748	.4063731	.2029415	1.092221	13.32018	.3431903

#1	.0010576	.0006096	6.915836	.0231815	.0154019	.0231637	31.30518
#2	.0007851	.0005515	6.937455	.0230892	.0151415	.0185615	31.16990
#3	.0009973	.0006023	6.971775	.0231504	.0150930	.0185030	31.38197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8265771	6.201594	.0262652	-.000679	.4527745	.0751898	.1317687
Stddev	.0015992	.070306	.0001927	.000086	.5901693	.0022622	.0044453
%RSD	.1934705	1.133676	.7337863	12.71557	130.3451	3.008724	3.373579

#1	.8274029	6.198794	.0264878	-.000761	.4697828	.0744181	.1289873
#2	.8247339	6.132731	.0261514	-.000589	-.145715	.0777369	.1368955
#3	.8275946	6.273259	.0261565	-.000687	1.034256	.0734143	.1294233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9179960	1.077076	-.004527	.0000574	.1166078	1.271565	-.002638
Stddev	.0965383	.001115	.001215	.0001418	.0025243	.009557	.000955
%RSD	10.51620	.1034838	26.84659	247.1014	2.164760	.7516170	36.22599

#1	.8260375	1.077765	-.004009	-.000102	.1149624	1.270418	-.002163
#2	1.018541	1.077674	-.005916	.000168	.1153468	1.262633	-.002012
#3	.909410	1.075790	-.003657	.000106	.1195141	1.281644	-.003737

Sample Name: K5890-03LX5 Acquired: 11/26/2019 13:33:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.491405	.0043110	.0610285
Stddev	.004088	.0008045	.0002077
%RSD	.2741224	18.66083	.3403102

#1	1.486716	.0048414	.0610941
#2	1.493277	.0047063	.0607959
#3	1.494222	.0033854	.0611955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.572	3957.348	57227.32	7590.746	4533.034
Stddev	12.628	4.211	421.46	17.393	5.346
%RSD	.6504186	.1064132	.7364657	.2291356	.1179396

#1	1955.004	3962.200	57522.87	7602.246	4533.125
#2	1929.941	3955.193	56744.71	7570.736	4538.334
#3	1939.771	3954.650	57414.38	7599.255	4527.643

Sample Name: K5890-04 Acquired: 11/26/2019 13:25:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP2D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144270	.0141500	.0640657	-.023212	-.001503	62.40970	.9640895
Stddev	.0022386	.0016704	.0025413	.002570	.001890	.17981	.0023587
%RSD	15.51667	11.80485	3.966733	11.07282	125.7252	.2881152	.2446598

#1	.0120816	.0128328	.0654334	-.021979	-.000234	62.20346	.9613688
#2	.0146585	.0160288	.0656302	-.026167	-.000600	62.53360	.9655590
#3	.0165408	.0135885	.0611334	-.021491	-.003676	62.49204	.9653407

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044120	.0028718	32.84691	.1092049	.0779969	.0888372	147.5942
Stddev	.0001210	.0001323	.04658	.0005876	.0003933	.0062761	.1569
%RSD	2.742923	4.606801	.1418235	.5380942	.5042874	7.064712	.1062767

#1	.0043470	.0027262	32.79312	.1087249	.0775427	.0871314	147.4511
#2	.0043374	.0029046	32.87456	.1098602	.0782221	.0957899	147.5696
#3	.0045516	.0029847	32.87304	.1090295	.0782257	.0835904	147.7619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.885590	29.45671	.1344502	-.002754	1.528255	.3660347	.6419442
Stddev	.006850	.09242	.0004887	.000314	.104628	.0019762	.0025141
%RSD	.1762928	.3137632	.3635037	11.39026	6.846209	.5398991	.3916445

#1	3.878792	29.36943	.1345280	-.002429	1.505015	.3682822	.6395979
#2	3.885488	29.44716	.1339273	-.002776	1.437201	.3645692	.6416369
#3	3.892491	29.55354	.1348954	-.003055	1.642548	.3652527	.6445979

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976208	5.382459	-.007071	.0001464	.6120330	5.866234	-.003362
Stddev	.082468	.027074	.003032	.0004356	.0007887	.037747	.000472
%RSD	1.657236	.5029961	42.87498	297.5748	.1288679	.6434637	14.05241

#1	4.982833	5.351221	-.010523	.0006410	.6128492	5.909816	-.003853
#2	5.055164	5.399147	-.005850	-.000180	.6119749	5.844995	-.003323
#3	4.890628	5.397009	-.004840	-.000022	.6112749	5.843892	-.002911

Sample Name: K5890-04 Acquired: 11/26/2019 13:25:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.944886	.0435061	.2863334
Stddev	.007554	.0004261	.0003282
%RSD	.1087668	.9795095	.1146326

#1	6.953591	.0435506	.2863389
#2	6.941007	.0439082	.2860024
#3	6.940061	.0430594	.2866588

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.697	4213.751	61146.32	8250.994	4434.303
Stddev	15.791	7.394	292.66	41.231	13.972
%RSD	.7600126	.1754754	.4786152	.4997117	.3150937

#1	2092.014	4222.200	61327.40	8206.772	4448.580
#2	2060.760	4208.464	60808.69	8257.832	4433.672
#3	2080.316	4210.587	61302.87	8288.379	4420.657

Sample Name: K5892-02 Acquired: 11/26/2019 13:41:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136379	.0156177	.0598931	-.025109	-.002104	60.99343	.8863218
Stddev	.0005766	.0012027	.0015853	.002997	.001447	.22079	.0006680
%RSD	4.227599	7.700780	2.646826	11.93511	68.75162	.3619832	.0753674

#1	.0141027	.0144238	.0597654	-.025839	-.003649	61.15666	.8870899
#2	.0129927	.0156002	.0583756	-.027673	-.000781	60.74222	.8858762
#3	.0138184	.0168290	.0615384	-.021814	-.001882	61.08140	.8859994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043645	.0031025	32.12329	.1093148	.0756155	.0889843	149.4434
Stddev	.0001037	.0001169	.01826	.0004904	.0003536	.0024553	.4987
%RSD	2.374910	3.768812	.0568340	.4486178	.4676826	2.759222	.3337176

#1	.0043105	.0029675	32.10363	.1087517	.0758766	.0894979	149.4718
#2	.0042989	.0031727	32.12653	.1096479	.0752130	.0863128	148.9311
#3	.0044840	.0031672	32.13970	.1095449	.0757568	.0911422	149.9273

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.269149	28.42033	.1319437	-.002673	1.777893	.3793288	.6579420
Stddev	.003604	.13728	.0010918	.000228	.092685	.0019923	.0076997
%RSD	.1102577	.4830435	.8275094	8.517080	5.213194	.5252227	1.170273

#1	3.267947	28.31645	.1320560	-.002826	1.877705	.3778290	.6583233
#2	3.266298	28.36856	.1308000	-.002411	1.761435	.3815894	.6654439
#3	3.273200	28.57596	.1329750	-.002781	1.694540	.3785680	.6500587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876454	5.324805	-.009888	-.000321	.5813120	7.282029	-.001584
Stddev	.009037	.012147	.003153	.000277	.0010391	.074809	.001727
%RSD	.1853241	.2281144	31.88959	86.21161	.1787485	1.027303	108.9879

#1	4.886542	5.324501	-.011883	-.000227	.5822959	7.297134	-.003578
#2	4.869097	5.312812	-.006253	-.000104	.5802254	7.200821	-.000560
#3	4.873724	5.337100	-.011529	-.000632	.5814148	7.348133	-.000615

Sample Name: K5892-02 Acquired: 11/26/2019 13:41:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.589656	.0411161	.2783298
Stddev	.013055	.0014665	.0001865
%RSD	.1720095	3.566770	.0670207

#1	7.574767	.0401294	.2783854
#2	7.595063	.0428013	.2781217
#3	7.599139	.0404177	.2784821

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.938	4205.017	60652.04	8203.949	4440.775
Stddev	6.503	8.722	243.48	82.474	2.443
%RSD	.3141687	.2074247	.4014439	1.005291	.0550147

#1	2076.038	4196.132	60929.39	8161.279	4439.240
#2	2070.681	4205.352	60553.30	8299.015	4439.494
#3	2063.096	4213.566	60473.44	8151.552	4443.592

Sample Name: K5892-03 Acquired: 11/26/2019 13:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0780741	.1223793	.0981755	.0615145	.1414719	71.16029	4.786747
Stddev	.0042907	.0039596	.0010002	.0046470	.0011620	.35600	.005313
%RSD	5.495645	3.235537	1.018782	7.554351	.8213952	.5002845	.1110039

#1	.0799614	.1190983	.0981933	.0574048	.1415496	70.76516	4.782039
#2	.0810976	.1267775	.0971665	.0665573	.1402729	71.45605	4.785694
#3	.0731632	.1212620	.0991666	.0605815	.1425931	71.25967	4.792508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982938	.1021507	33.30753	.5093296	1.079273	.4804749	158.8546
Stddev	.0013498	.0001309	.03204	.0017385	.001628	.0005813	.6084
%RSD	1.373182	.1281541	.0961850	.3413394	.1508764	.1209882	.3830187

#1	.0982857	.1023014	33.31503	.5073900	1.080965	.4807491	158.1571
#2	.0996476	.1020658	33.33516	.5107477	1.077716	.4798072	159.2766
#3	.0969481	.1020848	33.27242	.5098512	1.079138	.4808683	159.1300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.453274	29.97506	1.144613	.0812716	2.299610	1.336179	1.702771
Stddev	.004640	.05056	.000715	.0007710	.084866	.004813	.013226
%RSD	.1343534	.1686570	.0624675	.9487072	3.690461	.3602250	.7767430

#1	3.449966	29.92479	1.145294	.0805239	2.384065	1.333276	1.704338
#2	3.458578	30.02589	1.143869	.0820640	2.300426	1.341735	1.688831
#3	3.451278	29.97448	1.144677	.0812270	2.214338	1.333525	1.715144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.455303	5.228519	-.007967	-.000169	.5383018	9.409167	-.002705
Stddev	.067042	.010803	.004767	.000136	.0059379	.126827	.000718
%RSD	1.228926	.2066184	59.82642	80.83025	1.103088	1.347905	26.55049

#1	5.409599	5.227520	-.009791	-.000076	.5416148	9.427467	-.002076
#2	5.532265	5.218250	-.011553	-.000325	.5314465	9.525849	-.002552
#3	5.424043	5.239787	-.002558	-.000104	.5418440	9.274184	-.003488

Sample Name: K5892-03 Acquired: 11/26/2019 13:45:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.473400	.0435827	.3157880
Stddev	.055201	.0016793	.0003853
%RSD	.6514598	3.853047	.1220197

#1	8.527171	.0445480	.3162165
#2	8.476158	.0445564	.3156775
#3	8.416872	.0416437	.3154700

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.616	4175.491	60469.80	8219.604	4404.066
Stddev	5.374	3.130	348.40	66.113	7.904
%RSD	.2619169	.0749526	.5761498	.8043299	.1794619

#1	2049.322	4175.549	60859.54	8235.979	4401.745
#2	2047.771	4178.591	60188.56	8146.842	4412.871
#3	2057.756	4172.333	60361.31	8275.990	4397.584

Sample Name: K5892-01LX5 Acquired: 11/26/2019 13:49:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032974	.0031200	.0124814	-.006649	-.002882	12.89353	.1866950
Stddev	.0009815	.0016035	.0014676	.003979	.000493	.04391	.0004135
%RSD	29.76448	51.39394	11.75826	59.84711	17.10847	.3405221	.2214649

#1	.0043356	.0021514	.0116743	-.007574	-.002412	12.90179	.1870078
#2	.0023848	.0049709	.0141755	-.002288	-.003396	12.84608	.1868509
#3	.0031718	.0022377	.0115946	-.010083	-.002838	12.93272	.1862262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009477	.0005232	6.815159	.0235537	.0148095	.0192846	31.95877
Stddev	.0000925	.0000755	.035359	.0003194	.0002962	.0008257	.06273
%RSD	9.758544	14.42388	.5188274	1.356137	1.999955	4.281904	.1962899

#1	.0009425	.0004414	6.845264	.0238809	.0144691	.0194595	31.99534
#2	.0010427	.0005901	6.776221	.0235375	.0149514	.0200088	31.88634
#3	.0008579	.0005381	6.823993	.0232426	.0150080	.0183854	31.99463

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6912809	6.012791	.0258373	-.000557	.4100389	.0809836	.1384392
Stddev	.0019747	.045378	.0003816	.000387	.2357482	.0026182	.0016567
%RSD	.2856631	.7546933	1.477012	69.52128	57.49409	3.233018	1.196660

#1	.6934113	6.020193	.0260384	-.000860	.2608585	.0831153	.1401724
#2	.6895117	5.964167	.0260763	-.000121	.6818247	.0780611	.1368715
#3	.6909198	6.054013	.0253972	-.000691	.2874336	.0817744	.1382736

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9753595	1.054066	-.005070	.0000612	.1121407	1.591431	-.001558
Stddev	.0600940	.003824	.000689	.0003075	.0056122	.014766	.000368
%RSD	6.161213	.3627601	13.59468	502.1619	5.004596	.9278286	23.61249

#1	1.025058	1.057418	-.005570	.0004160	.1114358	1.584333	-.001172
#2	.908572	1.049901	-.005355	-.000126	.1069143	1.608405	-.001599
#3	.992449	1.054879	-.004284	-.000106	.1180720	1.581554	-.001904

Sample Name: K5892-01LX5 Acquired: 11/26/2019 13:49:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.606282	.0036810	.0590443
Stddev	.002694	.0010197	.0001848
%RSD	.1676996	27.69984	.3129273

#1	1.604087	.0026789	.0592576
#2	1.609288	.0047173	.0589323
#3	1.605470	.0036469	.0589431

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.556	3932.347	56941.99	7570.987	4506.985
Stddev	6.382	8.071	157.13	52.188	2.742
%RSD	.3297106	.2052538	.2759548	.6893189	.0608473

#1	1937.623	3940.553	56844.19	7545.694	4509.567
#2	1928.398	3924.417	56858.54	7536.264	4504.107
#3	1940.649	3932.072	57123.25	7631.002	4507.282

Sample Name: K5850-01 Acquired: 11/26/2019 13:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674144	.0186141	1.691198	-.070506	.0027484	76.79988	1.768901
Stddev	.0025291	.0005635	.003751	.001525	.0005028	.43238	.009050
%RSD	3.751547	3.027305	.2218022	2.162844	18.29534	.5629975	.5116378

#1	.0645388	.0188332	1.694822	-.068759	.0030681	76.75709	1.760194
#2	.0692931	.0190353	1.687331	-.071572	.0021688	76.39048	1.768250
#3	.0684112	.0179740	1.691440	-.071187	.0030082	77.25206	1.778260

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147113	.0127677	262.7774	.5342584	.2557484	.6270523	401.4346
Stddev	.0002259	.0000753	.6822	.0036494	.0005157	.0040887	.6079
%RSD	1.535817	.5896581	.2596073	.6830797	.2016490	.6520485	.1514299

#1	.0149167	.0128458	262.0116	.5351071	.2552151	.6297279	401.5064
#2	.0147478	.0126955	263.3202	.5374087	.2557855	.6290833	400.7940
#3	.0144693	.0127617	263.0002	.5302594	.2562445	.6223458	402.0034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.908755	44.24868	.8000581	-.005977	.0160012	.1654039	2.895644
Stddev	.014261	.28163	.0006520	.000562	.0490507	.0019992	.023062
%RSD	.1439241	.6364645	.0814889	9.400141	306.5439	1.208690	.7964362

#1	9.892750	44.18397	.7995737	-.005730	.0319464	.1644955	2.878409
#2	9.920113	44.00504	.7998013	-.006620	-.039038	.1640202	2.921842
#3	9.913403	44.55703	.8007994	-.005580	.055095	.1676960	2.886682

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67728	3.307381	.0364742	.0388436	3.560348	1.516313	.0255385
Stddev	.09526	.026030	.0090748	.0004942	.025757	.014155	.0020518
%RSD	.7514490	.7870354	24.88004	1.272286	.7234528	.9335156	8.034138

#1	12.65578	3.336173	.0263970	.0383978	3.585278	1.519792	.0277929
#2	12.59460	3.300457	.0390251	.0393750	3.561930	1.528403	.0237803
#3	12.78145	3.285512	.0440006	.0387580	3.533837	1.500742	.0250423

Sample Name: K5850-01 Acquired: 11/26/2019 13:53:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1546810	.1322939	.5153276
Stddev	.0012829	.0023177	.0016299
%RSD	.8293610	1.751949	.3162910

#1	.1554174	.1329011	.5171858
#2	.1554259	.1342477	.5141395
#3	.1531996	.1297331	.5146575

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.161	4134.015	60517.10	8311.315	4134.039
Stddev	9.228	9.035	152.00	48.267	8.431
%RSD	.4549826	.2185449	.2511644	.5807413	.2039342

#1	2031.520	4141.528	60466.54	8270.266	4143.606
#2	2017.724	4136.527	60396.81	8299.190	4127.698
#3	2035.239	4123.990	60687.93	8364.488	4130.812

Sample Name: K5850-02 Acquired: 11/26/2019 13:57:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462822	.0177788	.4231449	-.056399	.0003373	75.32223	1.287301
Stddev	.0022020	.0014658	.0005367	.002784	.0014690	.21756	.007995
%RSD	4.757851	8.244817	.1268381	4.935979	435.4989	.2888450	.6210936

#1	.0473894	.0161113	.4235031	-.053219	-.000045	75.33555	1.292688
#2	.0437463	.0188641	.4225279	-.058397	-.000903	75.09831	1.278114
#3	.0477109	.0183609	.4234039	-.057581	.001960	75.53282	1.291101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138164	.0095078	47.56205	.2062846	.2273909	.4634956	320.4613
Stddev	.0003319	.0000821	.28811	.0014247	.0006849	.0031923	1.1480
%RSD	2.402531	.8634019	.6057464	.6906628	.3011816	.6887370	.3582321

#1	.0135810	.0094448	47.78475	.2046533	.2280394	.4670162	320.6759
#2	.0141961	.0094780	47.23667	.2069158	.2266747	.4626812	319.2211
#3	.0136722	.0096007	47.66473	.2072847	.2274586	.4607895	321.4868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.758760	40.29095	.6290017	-.005377	-.182452	.1477843	1.886565
Stddev	.042946	.13442	.0004449	.000108	.167272	.0011781	.008973
%RSD	.4903150	.3336273	.0707296	2.004448	91.67953	.7971759	.4756209

#1	8.781547	40.39794	.6289986	-.005385	-.216797	.1485423	1.886116
#2	8.709224	40.14007	.6285583	-.005265	-.329886	.1483836	1.895753
#3	8.785510	40.33486	.6294481	-.005480	-.000674	.1464271	1.877824

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.79161	3.757083	-.011820	.0078883	2.819337	1.443242	.0151663
Stddev	.03652	.007655	.006310	.0003223	.012343	.011274	.0023616
%RSD	.3096818	.2037558	53.38290	4.086061	.4377927	.7811614	15.57112

#1	11.83209	3.752096	-.007323	.0079831	2.818779	1.430364	.0165891
#2	11.76115	3.765897	-.019034	.0081525	2.807284	1.451334	.0164696
#3	11.78159	3.753256	-.009104	.0075292	2.831950	1.448027	.0124403

Sample Name: K5850-02 Acquired: 11/26/2019 13:57:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AB7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1352324	.1175781	.2786373
Stddev	.0017018	.0015017	.0006042
%RSD	1.258455	1.277224	.2168558

#1	.1371438	.1159721	.2792601
#2	.1338815	.1189475	.2780536
#3	.1346720	.1178147	.2785983

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.407	4252.700	61468.29	8323.630	4343.980
Stddev	11.528	10.028	197.53	14.445	8.867
%RSD	.5543753	.2358021	.3213570	.1735391	.2041115

#1	2075.000	4259.608	61263.08	8340.231	4336.870
#2	2070.733	4257.296	61484.65	8313.935	4353.914
#3	2092.488	4241.198	61657.13	8316.724	4341.154

Sample Name: CCV074 Acquired: 11/26/2019 14:01:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.970373	5.024694	25.22112	4.920489	4.974023	395.1299	10.21729
Stddev	.018267	.019725	.05108	.006506	.011005	4.3028	.04066
%RSD	.3675204	.3925702	.2025386	.1322213	.2212589	1.088965	.3979197

#1	4.961368	5.022031	25.16214	4.918677	4.964529	399.8804	10.25914
#2	4.958358	5.006436	25.25047	4.915082	4.971453	394.0152	10.21477
#3	4.991395	5.045617	25.25076	4.927709	4.986086	391.4941	10.17795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5066866	2.527982	400.0976	15.47543	2.544148	15.34314	395.1554
Stddev	.0012133	.004847	2.1743	.03682	.004705	.02015	2.9186
%RSD	.2394662	.1917324	.5434505	.2379058	.1849431	.1313461	.7385998

#1	.5053257	2.522845	402.5904	15.48737	2.539175	15.32944	397.4092
#2	.5070786	2.528626	399.1102	15.43412	2.544737	15.36628	396.1984
#3	.5076555	2.532474	398.5921	15.50479	2.548530	15.33370	391.8585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91401	392.5337	2.538367	1.258822	385.2924	2.495687	14.47782
Stddev	.09452	2.8384	.005313	.008573	2.2076	.011058	.04320
%RSD	.6337445	.7231007	.2092921	.6810204	.5729553	.4430885	.2984220

#1	15.01058	395.2983	2.534293	1.258332	387.6539	2.497892	14.50478
#2	14.90974	392.6760	2.536432	1.250505	384.9426	2.505477	14.42798
#3	14.82169	389.6268	2.544376	1.267630	383.2806	2.483693	14.50069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.3374	5.207911	4.994526	4.947370	5.199291	4.976906	5.106254
Stddev	1.1172	.006207	.002670	.011894	.027351	.011476	.018169
%RSD	.7431258	.1191870	.0534558	.2404204	.5260438	.2305879	.3558157

#1	151.3030	5.202657	4.991655	4.939223	5.216187	4.965518	5.094940
#2	150.5956	5.206314	4.994989	4.941867	5.167736	4.988469	5.096611
#3	149.1138	5.214760	4.996935	4.961019	5.213951	4.976730	5.127212

Sample Name: CCV074 Acquired: 11/26/2019 14:01:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV074 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.105483	5.129233	5.091427
Stddev	.021405	.008190	.016560
%RSD	.4192480	.1596648	.3252589

#1	5.105567	5.138030	5.081407
#2	5.084037	5.121830	5.110542
#3	5.126846	5.127839	5.082332

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.798	3310.510	49822.05	7139.560	3491.682
Stddev	1.968	3.164	367.34	39.203	6.119
%RSD	.1235686	.0955879	.7373114	.5491018	.1752380

#1	1592.505	3313.909	49504.46	7098.372	3496.716
#2	1594.896	3307.649	50224.35	7143.888	3484.871
#3	1590.992	3309.971	49737.34	7176.419	3493.458

Sample Name: K5890-05 Acquired: 11/26/2019 14:09:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879152	.1298232	.1064310	.0707086	.1909556	64.79630	5.065023
Stddev	.0045857	.0026536	.0010217	.0024756	.0019823	.48999	.015877
%RSD	5.216029	2.044032	.9599325	3.501126	1.038074	.7561948	.3134705

#1	.0829799	.1328733	.1058006	.0708876	.1922877	64.31241	5.052053
#2	.0887213	.1285511	.1076098	.0681484	.1886776	65.29216	5.082730
#3	.0920444	.1280450	.1058827	.0730899	.1919016	64.78433	5.060287

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1068091	.1099632	32.04384	.5325162	1.153117	.5202045	145.8271
Stddev	.0007777	.0002204	.07029	.0012877	.001524	.0047974	.6831
%RSD	.7281207	.2004034	.2193574	.2418207	.1322064	.9222217	.4684569

#1	.1071528	.1101707	31.98430	.5321564	1.152089	.5256574	145.2572
#2	.1059187	.1097319	32.12138	.5339456	1.152393	.5166326	146.5844
#3	.1073557	.1099871	32.02584	.5314467	1.154868	.5183236	145.6396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.805436	28.72188	1.215370	.0881314	1.799873	1.367285	1.680677
Stddev	.014652	.10050	.000079	.0004494	.237754	.011913	.013311
%RSD	.3049105	.3498947	.0065257	.5098923	13.20951	.8712720	.7920163

#1	4.801641	28.72100	1.215448	.0886329	1.878758	1.354291	1.685177
#2	4.821613	28.82282	1.215289	.0879960	1.532703	1.377692	1.691155
#3	4.793055	28.62183	1.215374	.0877652	1.988159	1.369873	1.665699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.782519	5.334380	-.005230	.0001887	.6090546	5.726824	-.003017
Stddev	.033195	.024130	.004821	.0000537	.0086715	.039505	.000490
%RSD	.6940928	.4523520	92.18087	28.48873	1.423755	.6898316	16.24818

#1	4.745401	5.361648	-.008627	.0001306	.6189162	5.746264	-.002543
#2	4.792796	5.325706	.000288	.0001987	.6056258	5.681366	-.002986
#3	4.809361	5.315786	-.007350	.0002367	.6026219	5.752843	-.003522

Sample Name: K5890-05 Acquired: 11/26/2019 14:09:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.777952	.0423896	.2793438
Stddev	.049179	.0004788	.0002748
%RSD	.7255790	1.129608	.0983595

#1	6.818563	.0427191	.2795445
#2	6.723271	.0426093	.2790306
#3	6.792023	.0418403	.2794562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.257	4172.451	60589.29	8154.636	4421.205
Stddev	4.700	2.643	148.41	24.788	6.101
%RSD	.2280245	.0633458	.2449468	.3039797	.1380038

#1	2055.836	4175.486	60532.68	8128.041	4427.096
#2	2063.734	4170.654	60477.51	8177.098	4414.913
#3	2064.200	4171.213	60757.68	8158.770	4421.605

Sample Name: CCB074 Acquired: 11/26/2019 14:05:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001120	.0008851	.0031104	.0037004	-.001412	.0046215	.0006550
Stddev	.002166	.0020041	.0016805	.0011338	.000423	.0048224	.0006994
%RSD	193.3717	226.4309	54.02938	30.63970	29.98028	104.3469	106.7819

#1	-.003556	.0005387	.0041348	.0049863	-.001206	.0033945	.0006682
#2	-.000394	-.000923	.0040254	.0032702	-.001899	.0099389	.0013477
#3	.000589	.003040	.0011709	.0028446	-.001132	.0005312	-.000051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000407	.0001079	.0152672	.0003182	.0002499	.0009440	.0163255
Stddev	.0000260	.0000128	.0053958	.0002630	.0000862	.0032874	.0071170
%RSD	63.92327	11.84425	35.34259	82.67337	34.48950	348.2284	43.59444

#1	.0000107	.0001013	.0212814	.0005930	.0003149	.0046397	.0200099
#2	.0000546	.0000997	.0108505	.0002927	.0002827	-.001654	.0081216
#3	.0000568	.0001226	.0136698	.0000688	.0001521	-.000153	.0208449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004858	-.002850	-.000348	.0001306	.2605294	.0017866	.0019457
Stddev	.0003745	.006381	.000321	.0001114	.2860635	.0039903	.0018493
%RSD	77.08752	223.8648	92.23642	85.32132	109.8009	223.3535	95.04325

#1	.0002952	-.002899	-.000279	.0000381	-.051756	.0040636	.0035137
#2	.0002449	.003555	-.000697	.0000994	.323449	-.002821	.0024171
#3	.0009172	-.009207	-.000067	.0002543	.509896	.004117	-.000094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110860	.0012976	.0066135	.0007162	-.001499	-.000638	-.001064
Stddev	.0789950	.0005781	.0001199	.0002263	.004447	.000539	.001066
%RSD	712.5660	44.55085	1.813467	31.60077	296.7003	84.47313	100.1748

#1	.0971259	.0019073	.0064754	.0009774	.002277	-.000089	.000108
#2	-.005703	.0012282	.0066911	.0005940	-.000373	-.001166	-.001977
#3	-.058165	.0007573	.0066742	.0005772	-.006401	-.000659	-.001323

Sample Name: CCB074 Acquired: 11/26/2019 14:05:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB074 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002707	.0022742	.0000882
Stddev	.0002048	.0023895	.0000744
%RSD	75.65433	105.0706	84.28881

#1	.0005071	.0034477	.0001057
#2	.0001437	-.000475	.0000067
#3	.0001615	.003850	.0001522

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.852	3856.616	55771.08	7426.263	4546.544
Stddev	8.125	1.349	226.73	19.517	2.740
%RSD	.4288162	.0349850	.4065443	.2628121	.0602701

#1	1885.526	3857.958	55859.12	7422.090	4543.402
#2	1900.407	3855.260	55940.58	7409.170	4548.434
#3	1898.622	3856.629	55513.52	7447.529	4547.797

Sample Name: K5850-03 Acquired: 11/26/2019 14:13:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282052	.0225531	3.411176	-.101307	.0225853	45.16947
Stddev	.0082007	.0024348	.009777	.005847	.0008888	.18702
%RSD	29.07516	10.79585	.2866044	5.771765	3.935494	.4140469

#1	.0245449	.0233620	3.422425	-.095086	.0218720	45.33375
#2	.0224721	.0198168	3.406382	-.102145	.0235810	44.96594
#3	.0375986	.0244804	3.404723	-.106690	.0223029	45.20872

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.672711	.0120929	.0574032	F 1057.261	.3854893	.3698731
Stddev	.001173	.0002082	.0000824	3.995	.0018923	.0007198
%RSD	.0701402	1.722030	.1435760	.3778455	.4908729	.1946204

#1	1.673447	.0120363	.0573445	1052.832	.3853971	.3691434
#2	1.673328	.0123236	.0574974	1058.358	.3874260	.3705826
#3	1.671358	.0119188	.0573678	1060.592	.3836448	.3698934

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.829073	518.1440	5.201145	172.2478	.5987866	-.008548
Stddev	.009693	1.7951	.013905	.5359	.0023088	.001188
%RSD	.3426334	.3464386	.2673496	.3111483	.3855726	13.90259

#1	2.828699	519.5666	5.205619	172.8439	.5961756	-.007438
#2	2.819572	516.1272	5.185553	171.8057	.6005582	-.009802
#3	2.838947	518.7381	5.212262	172.0938	.5996260	-.008404

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.418860	.1680978	17.18133	6.648078	3.461192	.1432112
Stddev	.253609	.0039615	.06001	.086065	.016649	.0055704
%RSD	60.54737	2.356657	.3492646	1.294580	.4810288	3.889603

#1	-.133833	.1704083	17.11205	6.730280	3.445187	.1491675
#2	-.503176	.1635236	17.21475	6.558611	3.478419	.1381305
#3	-.619571	.1703616	17.21719	6.655343	3.459970	.1423356

Sample Name: K5850-03 Acquired: 11/26/2019 14:13:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AB8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640516	8.850769	1.675214	.1654190	.2175582	.1143334
Stddev	.0003045	.015726	.007704	.0017633	.0038072	.0011574
%RSD	.4754224	.1776830	.4598680	1.065945	1.749948	1.012331

#1	.0642800	8.846646	1.666320	.1654196	.2139946	.1146826
#2	.0637058	8.868146	1.679523	.1671819	.2215693	.1152760
#3	.0641689	8.837514	1.679800	.1636554	.2171107	.1130416

Elem	Sr4077
Units	ppm
Avg	1.241413
Stddev	.001731
%RSD	.1394493

#1	1.239614
#2	1.241558
#3	1.243067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.338	3692.511	54535.74	7799.698	3686.884
Stddev	16.136	5.268	148.36	7.011	8.274
%RSD	.8913337	.1426545	.2720429	.0898880	.2244191

#1	1828.921	3689.598	54707.01	7804.501	3682.423
#2	1802.217	3689.344	54447.00	7802.939	3681.798
#3	1799.875	3698.592	54453.20	7791.653	3696.431

Sample Name: K5850-04 Acquired: 11/26/2019 14:17:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0302514	.0445230	10.26745	-.138310	.0508990	52.51536	2.680287
Stddev	.0079503	.0005230	.02000	.004663	.0016174	.18244	.004806
%RSD	26.28068	1.174625	.1947940	3.371257	3.177746	.3474105	.1792947

#1	.0307214	.0442437	10.28507	-.142937	.0493716	52.72421	2.684791
#2	.0379563	.0441990	10.24571	-.133612	.0525935	52.43483	2.680843
#3	.0220766	.0451263	10.27157	-.138380	.0507319	52.38704	2.675228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166025	.0966072	243.5853	.7874616	.2123227	7.129508	797.9180
Stddev	.0001240	.0002007	.5854	.0017645	.0005410	.028136	1.3651
%RSD	.7470177	.2077410	.2403467	.2240813	.2548061	.3946416	.1710797

#1	.0166313	.0967990	242.9812	.7890544	.2118774	7.102334	799.4687
#2	.0167096	.0963987	244.1502	.7877656	.2129248	7.127674	796.8976
#3	.0164666	.0966238	243.6244	.7855648	.2121660	7.158516	797.3878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.758069	29.07677	.9747998	-.005703	-1.00236	.2390015	23.64683
Stddev	.007583	.03681	.0015318	.000422	.08094	.0007063	.11218
%RSD	.0977417	.1266076	.1571380	7.401229	8.074927	.2955386	.4744033

#1	7.753455	29.11363	.9752874	-.006166	-.98362	.2388509	23.76050
#2	7.753932	29.07668	.9730835	-.005605	-.93243	.2383825	23.64381
#3	7.766821	29.04001	.9760284	-.005339	-1.09103	.2397709	23.53620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.637437	4.058279	.0968098	.1458146	13.49257	1.234527	.5484711
Stddev	.060124	.012645	.0118442	.0003756	.03677	.008679	.0049987
%RSD	.9058240	.3115963	12.23446	.2576090	.2724955	.7030410	.9113790

#1	6.610010	4.072601	.1103601	.1455611	13.53496	1.224513	.5498442
#2	6.706384	4.053581	.0916399	.1462461	13.47335	1.239190	.5429294
#3	6.595918	4.048655	.0884295	.1456365	13.46939	1.239878	.5526397

Sample Name: K5850-04 Acquired: 11/26/2019 14:17:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3932347	.0952963	.6449399
Stddev	.0042474	.0012096	.0026000
%RSD	1.080116	1.269335	.4031304

#1	.3889853	.0940176	.6426488
#2	.3932388	.0964224	.6444053
#3	.3974801	.0954489	.6477656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.110	3866.180	56778.62	7881.523	4143.860
Stddev	5.039	3.869	207.87	34.783	8.220
%RSD	.2675940	.1000815	.3661115	.4413189	.1983588

#1	1880.529	3863.127	56663.80	7919.112	4137.237
#2	1879.883	3870.531	56653.49	7874.983	4153.059
#3	1888.916	3864.881	57018.58	7850.475	4141.284

Sample Name: K5850-05 Acquired: 11/26/2019 14:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1886052	.0663222	5.726360	-.278538	.0470286	52.40734
Stddev	.0022781	.0009380	.015476	.004730	.0017896	.31859
%RSD	1.207843	1.414252	.2702574	1.698064	3.805413	.6079031

#1	.1869048	.0658749	5.721793	-.283123	.0479922	52.08318
#2	.1911935	.0674001	5.713681	-.273676	.0449636	52.72004
#3	.1877173	.0656916	5.743605	-.278815	.0481299	52.41879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.869319	.0232283	.0736742	736.5318	2.435847	.2518802
Stddev	.009144	.0002101	.0002314	9.1250	.008839	.0009031
%RSD	.4891688	.9045938	.3140496	1.238910	.3628575	.3585570

#1	1.860390	.0234316	.0735067	747.0015	2.435715	.2526627
#2	1.878664	.0230120	.0735777	730.2706	2.444751	.2508919
#3	1.868903	.0232414	.0739382	732.3232	2.427075	.2520861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.13738	F 1315.861	10.06791	63.34253	2.993883	-.017990
Stddev	.00808	2.462	.05188	.44546	.001905	.001478
%RSD	.0614975	.1871138	.5152731	.7032557	.0636415	8.217057

#1	13.14123	1318.487	10.04737	63.32338	2.995692	-.019301
#2	13.14282	1313.604	10.12691	63.79726	2.991894	-.016388
#3	13.12810	1315.492	10.02944	62.90695	2.994062	-.018281

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.60203	.2301966	19.57603	7.879518	3.759003	^ *****
Stddev	.21519	.0009194	.18571	.059872	.009317	-----
%RSD	13.43248	.3993793	.9486544	.7598385	.2478484	-----

#1	-1.67809	.2293739	19.41212	7.810997	3.769271	^ -----
#2	-1.35914	.2311890	19.53823	7.921732	3.751089	^ -----
#3	-1.76886	.2300269	19.77773	7.905826	3.756651	^ -----

Sample Name: K5850-05 Acquired: 11/26/2019 14:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046691	14.87847	2.449307	.3504170	.3699591	.1154817
Stddev	.001936	.01946	.013036	.0027293	.0009219	.0012862
%RSD	.1849411	.1307964	.5322517	.7788598	.2491944	1.113730
#1	1.044743	14.90090	2.463122	.3484552	.3691708	.1152904
#2	1.046716	14.86606	2.447578	.3492619	.3709728	.1168528
#3	1.048614	14.86845	2.437221	.3535339	.3697335	.1143019

Elem	Sr4077
Units	ppm
Avg	1.419911
Stddev	.000845
%RSD	.0595062
#1	1.419621
#2	1.420863
#3	1.419249

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1789.001	3632.767	54778.51	7776.311	3800.608
Stddev	12.150	8.297	269.06	21.950	7.721
%RSD	.6791358	.2283833	.4911841	.2822710	.2031394
#1	1795.968	3637.492	55086.45	7772.134	3797.760
#2	1796.063	3637.622	54588.88	7756.749	3809.348
#3	1774.972	3623.187	54660.19	7800.049	3794.716

Sample Name: K5850-06 Acquired: 11/26/2019 14:25:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433693	.0601024	17.83844	-.216648	.1143451	78.24464
Stddev	.0023381	.0028087	.03355	.005759	.0018895	.64914
%RSD	5.391233	4.673163	.1881047	2.658414	1.652487	.8296316

#1	.0460691	.0602700	17.84925	-.210109	.1165102	77.49570
#2	.0420389	.0572137	17.80081	-.220968	.1134957	78.59261
#3	.0420000	.0628236	17.86525	-.218865	.1130293	78.64561

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.769064	.0224211	.2018219	198.6601	1.275475	.2029516
Stddev	.016002	.0001070	.0005364	.7287	.003762	.0010078
%RSD	.4245736	.4774095	.2657546	.3668127	.2949683	.4965547

#1	3.751574	.0225288	.2017878	197.9465	1.279078	.2034128
#2	3.772645	.0223147	.2013033	198.6308	1.271572	.2017957
#3	3.782972	.0224197	.2023744	199.4030	1.275774	.2036462

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.35470	F 1173.550	14.41240	54.68297	1.471250	-.006029
Stddev	.04551	5.165	.05624	.32362	.001336	.001575
%RSD	.2479727	.4400805	.3902062	.5918150	.0908357	26.11649

#1	18.34880	1175.976	14.34833	54.31186	1.470774	-.004216
#2	18.31242	1167.619	14.45361	54.90644	1.472759	-.006824
#3	18.40287	1177.054	14.43527	54.83062	1.470217	-.007049

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.84258	.3397350	F 47.53597	8.213650	4.816923	^ *****
Stddev	.14546	.0026245	.46379	.171088	.012315	-----
%RSD	7.894438	.7725015	.9756548	2.082976	.2556645	-----

#1	-1.96053	.3367595	47.00356	8.048877	4.802806	^ -----
#2	-1.88715	.3407250	47.85222	8.201650	4.825462	^ -----
#3	-1.68004	.3417205	47.75212	8.390422	4.822502	^ -----

Sample Name: K5850-06 Acquired: 11/26/2019 14:25:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1875017	23.71540	1.697478	.5358859	.7320077	.1002794
Stddev	.0001435	.03345	.001535	.0017705	.0036795	.0009794
%RSD	.0765280	.1410488	.0904255	.3303925	.5026556	.9766446

#1	.1874686	23.67705	1.696129	.5341732	.7334018	.1012985
#2	.1873776	23.73065	1.697158	.5357753	.7278348	.0993453
#3	.1876588	23.73851	1.699148	.5377091	.7347863	.1001944

Elem	Sr4077
Units	ppm
Avg	.4924561
Stddev	.0016214
%RSD	.3292542

#1	.4913466
#2	.4917048
#3	.4943169

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.808	3796.091	56998.74	7934.699	4040.853
Stddev	12.672	7.110	312.60	5.089	9.021
%RSD	.6758932	.1873076	.5484417	.0641357	.2232559

#1	1888.984	3803.089	57314.21	7940.124	4049.150
#2	1870.859	3796.310	56992.92	7933.943	4042.158
#3	1864.581	3788.874	56689.08	7930.031	4031.249

Sample Name: K5850-09 Acquired: 11/26/2019 14:37:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387641	.0108937	.5587213	-.024467	-.000647	74.96993	.8338953
Stddev	.0026531	.0017151	.0043204	.002637	.000331	.35140	.0010164
%RSD	6.844206	15.74346	.7732680	10.77838	51.21755	.4687245	.1218836

#1	.0395518	.0127104	.5545576	-.025649	-.000548	75.05453	.8329449
#2	.0358063	.0106681	.5584232	-.026306	-.001017	75.27132	.8349668
#3	.0409341	.0093026	.5631830	-.021445	-.000376	74.58396	.8337742

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088133	.0039121	37.77229	.1051817	.0952628	.2143292	179.8337
Stddev	.0000858	.0002050	.07743	.0007982	.0004986	.0019190	.4248
%RSD	.9737272	5.240916	.2049962	.7588629	.5233730	.8953295	.2362122

#1	.0088063	.0039357	37.82097	.1042655	.0958362	.2126855	179.8253
#2	.0089024	.0036964	37.68300	.1057263	.0949311	.2164379	180.2626
#3	.0087312	.0041044	37.81290	.1055533	.0950212	.2138641	179.4131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.798125	9.883018	.1007114	-.003644	-.029210	.1566763	.7175122
Stddev	.008968	.064444	.0003776	.000116	.031720	.0033520	.0065514
%RSD	.2361074	.6520728	.3749134	3.183589	108.5938	2.139461	.9130775

#1	3.790847	9.934873	.1004459	-.003623	.007172	.1557544	.7190520
#2	3.795385	9.903312	.1005447	-.003769	-.051066	.1538817	.7103280
#3	3.808144	9.810869	.1011436	-.003539	-.043734	.1603928	.7231566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.174594	5.069375	-.001774	.0051491	4.212622	2.074469	.0112932
Stddev	.075244	.017992	.002130	.0001358	.015669	.008986	.0011124
%RSD	.9204576	.3549062	120.0610	2.638032	.3719620	.4331691	9.849934

#1	8.207123	5.080356	-.002985	.0053023	4.230063	2.084783	.0112726
#2	8.228101	5.079157	.000685	.0051014	4.208071	2.070292	.0101912
#3	8.088559	5.048611	-.003022	.0050435	4.199732	2.068332	.0124157

Sample Name: K5850-09 Acquired: 11/26/2019 14:37:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1742833	.0668231	.1200188
Stddev	.0011875	.0017877	.0002200
%RSD	.6813367	2.675337	.1833073

#1	.1730133	.0660546	.1199854
#2	.1744704	.0655481	.1198173
#3	.1753660	.0688666	.1202535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.029	4110.182	59769.64	8003.596	4455.453
Stddev	12.044	8.838	161.41	19.721	12.799
%RSD	.5962096	.2150284	.2700552	.2464036	.2872760

#1	2010.835	4103.040	59922.72	7993.794	4445.603
#2	2015.589	4120.066	59601.02	8026.298	4469.921
#3	2033.662	4107.441	59785.19	7990.697	4450.836

Sample Name: K5850-08 Acquired: 11/26/2019 14:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565958	.0640727	19.17146	-.202987	.0998597	82.61769
Stddev	.0048670	.0002520	.04124	.004434	.0009515	.55099
%RSD	8.599543	.3933825	.2151251	2.184139	.9528089	.6669132

#1	.0561041	.0642278	19.15378	-.207386	.0996600	83.10023
#2	.0519934	.0642084	19.14200	-.198519	.1008951	82.73552
#3	.0616900	.0637819	19.21859	-.203055	.0990239	82.01731

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.054222	.0215698	.1632455	168.8796	2.171672	.2235430
Stddev	.016535	.0001313	.0004597	.3777	.003804	.0002558
%RSD	.5413959	.6088434	.2816091	.2236758	.1751618	.1144100

#1	3.066393	.0217008	.1629550	169.2628	2.168815	.2238022
#2	3.060876	.0214381	.1630060	168.8683	2.175989	.2235360
#3	3.035396	.0215705	.1637755	168.5076	2.170210	.2232908

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24137	F 1091.496	11.54916	37.26669	2.155464	.0198131
Stddev	.04443	6.078	.02609	.05148	.003663	.0005647
%RSD	.3355029	.5568859	.2258916	.1381493	.1699456	2.849971

#1	13.22383	1093.801	11.57495	37.28619	2.153473	.0198531
#2	13.20839	1084.603	11.54975	37.30558	2.153228	.0192295
#3	13.29188	1096.085	11.52279	37.20831	2.159692	.0203567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.32311	.3162721	20.76733	7.304129	4.346071	^ *****
Stddev	.07853	.0021408	.24739	.147535	.017089	-----
%RSD	3.380368	.6768940	1.191245	2.019881	.3932098	-----

#1	-2.41214	.3140860	20.72840	7.464427	4.337014	^ -----
#2	-2.29348	.3183646	21.03187	7.174030	4.335417	^ -----
#3	-2.26370	.3163656	20.54171	7.273931	4.365783	^ -----

Sample Name: K5850-08 Acquired: 11/26/2019 14:33:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3462247	12.26134	1.844941	.7649991	.6079071	.0763500
Stddev	.0009631	.01943	.002872	.0016832	.0069812	.0014738
%RSD	.2781678	.1584842	.1556454	.2200264	1.148391	1.930358

#1	.3451130	12.25170	1.846307	.7632975	.6010311	.0755508
#2	.3467546	12.24861	1.846874	.7650365	.6077016	.0754485
#3	.3468063	12.28371	1.841641	.7666632	.6149888	.0780508

Elem	Sr4077
Units	ppm
Avg	.4241452
Stddev	.0012501
%RSD	.2947367

#1	.4235763
#2	.4232808
#3	.4255786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.152	3832.670	57032.98	7863.865	4115.220
Stddev	10.143	4.458	115.82	39.312	2.669
%RSD	.5403575	.1163116	.2030670	.4999070	.0648604

#1	1878.112	3837.325	57123.19	7879.995	4116.344
#2	1866.563	3828.440	56902.38	7892.547	4117.143
#3	1886.782	3832.243	57073.38	7819.054	4112.172

Sample Name: K5850-10 Acquired: 11/26/2019 14:41:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362813	.0084289	.4555338	-.019913	-.000077	78.16925	.7867360
Stddev	.0028802	.0010310	.0008362	.004060	.001581	.25660	.0009707
%RSD	7.938426	12.23222	.1835627	20.38854	2045.965	.3282621	.1233798

#1	.0344413	.0084396	.4557667	-.020541	-.001690	77.87449	.7866598
#2	.0396005	.0073926	.4546058	-.023623	-.000012	78.29053	.7877425
#3	.0348022	.0094546	.4562288	-.015576	.001470	78.34273	.7858056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078136	.0030269	30.22110	.1195348	.0494891	.1613092	127.9032
Stddev	.0001414	.0000804	.06997	.0002233	.0003059	.0026911	.3757
%RSD	1.810197	2.655457	.2315156	.1867843	.6180433	1.668257	.2937381

#1	.0079479	.0029342	30.20395	.1194466	.0491368	.1631974	127.5946
#2	.0078269	.0030707	30.29805	.1193690	.0496430	.1625023	128.3215
#3	.0076660	.0030759	30.16130	.1197887	.0496874	.1582279	127.7934

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.313912	7.799107	.0646430	-.002308	.1563655	.1506203	.7172366
Stddev	.008235	.044038	.0001412	.000036	.3052165	.0029864	.0211096
%RSD	.3558744	.5646485	.2185113	1.559237	195.1943	1.982745	2.943184

#1	2.317346	7.835439	.0644857	-.002269	-.044878	.1472901	.7202435
#2	2.319874	7.811752	.0647589	-.002317	.006422	.1530607	.7366815
#3	2.304516	7.750131	.0646844	-.002339	.507552	.1515102	.6947848

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.990743	8.404256	-.001644	.0048627	3.899086	6.024476	.0101372
Stddev	.046981	.024190	.003755	.0003685	.008157	.055146	.0009500
%RSD	.6720472	.2878295	228.4387	7.578417	.2092004	.9153592	9.371896

#1	6.939175	8.387991	-.005944	.0052564	3.904192	6.088140	.0091460
#2	7.031113	8.432054	.000981	.0048057	3.889679	5.991557	.0110400
#3	7.001940	8.392722	.000033	.0045260	3.903387	5.993730	.0102255

Sample Name: K5850-10 Acquired: 11/26/2019 14:41:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1991694	.0467170	.1770559
Stddev	.0014528	.0004456	.0005519
%RSD	.7294207	.9538892	.3117335

#1	.2003908	.0470012	.1776900
#2	.1995546	.0462034	.1767949
#3	.1975629	.0469463	.1766830

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.159	4141.143	59769.45	8107.586	4469.604
Stddev	8.038	6.730	143.26	31.903	8.734
%RSD	.3964928	.1625238	.2396802	.3934975	.1954052

#1	2021.038	4147.345	59858.24	8073.111	4476.638
#2	2024.178	4142.097	59604.19	8136.067	4472.347
#3	2036.261	4133.986	59845.93	8113.580	4459.828

Sample Name: K5850-11 Acquired: 11/26/2019 14:45:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0579864	.0077551	.3708081	-.029203	.0010735	30.30707	.3640765
Stddev	.0042774	.0010852	.0005120	.003411	.0015904	.21666	.0015597
%RSD	7.376475	13.99323	.1380706	11.68041	148.1487	.7148959	.4283885

#1	.0546879	.0088495	.3708357	-.029133	.0014122	30.06343	.3623079
#2	.0564520	.0066794	.3713057	-.025828	.0024673	30.37962	.3646663
#3	.0628193	.0077364	.3702829	-.032649	-.000659	30.47814	.3652552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061407	.0054883	455.0030	.1382925	.0737860	.2348125	154.1066
Stddev	.0000951	.0000848	1.1532	.0002364	.0003335	.0012380	.4789
%RSD	1.549470	1.545237	.2534531	.1709573	.4519185	.5272264	.3107847

#1	.0060613	.0055578	453.7579	.1380387	.0734040	.2347138	153.6697
#2	.0062461	.0055134	456.0345	.1385065	.0739358	.2360969	154.0314
#3	.0061146	.0053938	455.2167	.1383324	.0740184	.2336268	154.6187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.660069	27.72765	.1761582	-.003162	.1436368	.0904949	1.110372
Stddev	.006474	.18608	.0005801	.000416	.1292118	.0003616	.010377
%RSD	.2433782	.6711088	.3292818	13.14971	89.95728	.3995506	.9345787

#1	2.652676	27.51486	.1768109	-.003629	.2829364	.0907337	1.103096
#2	2.662807	27.80820	.1759619	-.003021	.1202730	.0900789	1.105764
#3	2.664724	27.85988	.1757018	-.002834	.0277010	.0906721	1.122255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.117029	4.030813	.0131435	.0051663	6.308662	2.081834	.0075289
Stddev	.045462	.013790	.0053242	.0002738	.014698	.014058	.0009591
%RSD	.6387786	.3421129	40.50787	5.299481	.2329791	.6752547	12.73833

#1	7.064706	4.016832	.0160958	.0049491	6.291695	2.074766	.0085658
#2	7.139517	4.044404	.0069973	.0054738	6.317493	2.098023	.0073473
#3	7.146866	4.031204	.0163375	.0050759	6.316797	2.072713	.0066736

Sample Name: K5850-11 Acquired: 11/26/2019 14:45:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AC9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0755144	.0511733	.5873250
Stddev	.0009475	.0000599	.0015944
%RSD	1.254697	.1170016	.2714665

#1	.0764328	.0511992	.5878430
#2	.0755701	.0512160	.5885961
#3	.0745403	.0511049	.5855361

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.416	3830.779	56352.08	7779.066	4079.812
Stddev	8.356	8.512	130.96	34.833	1.979
%RSD	.4404138	.2222087	.2323943	.4477791	.0484989

#1	1906.498	3838.875	56481.51	7807.805	4078.030
#2	1895.697	3821.904	56219.64	7740.327	4079.465
#3	1890.053	3831.558	56355.10	7789.066	4081.941

Sample Name: K5850-16 Acquired: 11/26/2019 14:53:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261934	.0214870	.9269095	-.073168	.0019722	86.11533	1.897902
Stddev	.0042251	.0012115	.0065908	.004518	.0015200	.29602	.001485
%RSD	16.13027	5.638228	.7110514	6.175264	77.07120	.3437527	.0782282

#1	.0235166	.0223426	.9298295	-.074789	.0023758	85.79215	1.896191
#2	.0310641	.0220176	.9193632	-.068063	.0032497	86.18052	1.898659
#3	.0239994	.0201007	.9315359	-.076652	.0002911	86.37333	1.898855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157776	.0114066	62.36860	.5790312	.2563060	.8570883	403.3879
Stddev	.0001636	.0000991	.05799	.0030974	.0004405	.0043858	1.5337
%RSD	1.037222	.8685536	.0929787	.5349259	.1718780	.5117043	.3801945

#1	.0159131	.0115172	62.31574	.5763179	.2558358	.8556170	402.2514
#2	.0155958	.0113765	62.35944	.5783698	.2563728	.8620205	402.7799
#3	.0158240	.0113260	62.43063	.5824058	.2567093	.8536273	405.1323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.71821	47.32457	.7732508	-.007290	-.170664	.1714488	2.127673
Stddev	.02497	.14797	.0011029	.000166	.157768	.0024632	.024637
%RSD	.2329528	.3126801	.1426247	2.281775	92.44385	1.436711	1.157944

#1	10.70495	47.19642	.7719960	-.007471	-.036440	.1688118	2.100222
#2	10.70266	47.29077	.7740663	-.007144	-.131104	.1718440	2.134935
#3	10.74701	47.48653	.7736900	-.007257	-.344447	.1736905	2.147864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41558	3.207479	-.006018	.0168099	2.460174	1.517184	.0264466
Stddev	.03895	.011834	.018665	.0001553	.004000	.025710	.0016300
%RSD	.2701667	.3689549	310.1294	.9239919	.1625807	1.694606	6.163434

#1	14.37975	3.220146	-.026716	.0167255	2.459746	1.539985	.0245671
#2	14.45703	3.205582	.009536	.0167151	2.456405	1.489318	.0273003
#3	14.40996	3.196707	-.000875	.0169892	2.464370	1.522250	.0274725

Sample Name: K5850-16 Acquired: 11/26/2019 14:53:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1368150	.1440343	.2984644
Stddev	.0020533	.0009623	.0002974
%RSD	1.500778	.6681269	.0996602

#1	.1390549	.1448485	.2987810
#2	.1363681	.1429723	.2981909
#3	.1350219	.1442820	.2984212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.156	4242.554	61915.50	8423.150	4245.281
Stddev	7.270	4.555	120.44	82.102	4.735
%RSD	.3493136	.1073749	.1945305	.9747185	.1115284

#1	2074.424	4239.803	61777.60	8332.264	4242.061
#2	2088.865	4240.047	61968.76	8491.949	4250.718
#3	2080.178	4247.812	62000.13	8445.238	4243.065

Sample Name: K5850-12 Acquired: 11/26/2019 14:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005705	.0460636	7.059455	-.187009	.0403021	61.68055
Stddev	.002233	.0041823	.015422	.001941	.0012522	.34192
%RSD	39.13732	9.079292	.2184635	1.037905	3.107029	.5543337

#1	-.003490	.0507613	7.051679	-.187765	.0403184	61.30053
#2	-.007955	.0446846	7.077217	-.184803	.0390418	61.96328
#3	-.005668	.0427450	7.049468	-.188457	.0415461	61.77784

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.046695	.0184835	.0889274	592.2947	1.105216	.1865451
Stddev	.006077	.0002475	.0000965	1.2359	.001741	.0003239
%RSD	.2969209	1.338967	.1084689	.2086573	.1574913	.1736329

#1	2.039743	.0185610	.0888696	590.9679	1.107060	.1868665
#2	2.051000	.0182065	.0888739	593.4131	1.104987	.1865499
#3	2.049341	.0186829	.0890388	592.5032	1.103601	.1862188

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.193349	F 956.6999	9.135144	60.49239	1.188329	-.003322
Stddev	.023451	3.0770	.018106	.27560	.002079	.001225
%RSD	.2550833	.3216260	.1982042	.4556014	.1749701	36.88101

#1	9.217782	953.1721	9.117262	60.25634	1.186716	-.004465
#2	9.191241	958.0979	9.153467	60.79526	1.187596	-.003474
#3	9.171023	958.8297	9.134703	60.42557	1.190676	-.002028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.531506	.2405144	14.94925	7.869734	3.394209	^ *****
Stddev	.197838	.0032930	.18148	.100844	.016718	-----
%RSD	37.22210	1.369162	1.214005	1.281420	.4925448	-----

#1	-.329488	.2408182	15.02997	7.841756	3.407431	^ -----
#2	-.724880	.2370800	15.07638	7.785832	3.375417	^ -----
#3	-.540150	.2436451	14.74141	7.981613	3.399779	^ -----

Sample Name: K5850-12 Acquired: 11/26/2019 14:49:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1854924	13.18671	1.911779	.2724656	.4138996	.0994833
Stddev	.0003894	.04278	.011586	.0034799	.0066718	.0020579
%RSD	.2099248	.3244266	.6060075	1.277208	1.611947	2.068574

#1	.1854878	13.21456	1.911959	.2707890	.4190603	.0995278
#2	.1851053	13.13745	1.900105	.2701413	.4063656	.0974036
#3	.1858840	13.20812	1.923274	.2764664	.4162729	.1015187

Elem	Sr4077
Units	ppm
Avg	1.145876
Stddev	.002197
%RSD	.1917004

#1	1.148105
#2	1.143713
#3	1.145810

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.002	3714.855	55450.43	7752.853	3880.865
Stddev	14.919	7.861	283.54	30.175	1.585
%RSD	.8165749	.2116042	.5113338	.3892147	.0408402

#1	1813.351	3716.706	55270.87	7752.020	3881.550
#2	1824.727	3721.626	55303.13	7783.436	3881.991
#3	1842.927	3706.235	55777.31	7723.103	3879.052

Sample Name: K5890-01 Acquired: 11/26/2019 15:01:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179715	.0167150	.1670776	-.033526	-.001742	53.89578	.9084935
Stddev	.0031093	.0018117	.0018072	.001058	.000114	.61417	.0047673
%RSD	17.30111	10.83882	1.081623	3.156630	6.524574	1.139544	.5247479

#1	.0215616	.0187503	.1652874	-.032304	-.001680	53.18661	.9030122
#2	.0162000	.0152784	.1689012	-.034145	-.001673	54.24928	.9116737
#3	.0161528	.0161163	.1670441	-.034128	-.001873	54.25146	.9107948

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049967	.0033500	29.58047	.0981460	.0865891	.1515083	188.2768
Stddev	.0000445	.0000305	.09994	.0002904	.0002490	.0022636	1.4409
%RSD	.8902088	.9092860	.3378717	.2958862	.2875222	1.494028	.7653103

#1	.0050199	.0033500	29.46631	.0983863	.0868747	.1493836	186.6300
#2	.0050247	.0033195	29.65220	.0982283	.0864180	.1538890	189.3058
#3	.0049454	.0033805	29.62290	.0978233	.0864746	.1512521	188.8945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.622235	26.73891	.1430805	-.003679	1.247567	.3267864	.6606918
Stddev	.015930	.20354	.0006884	.000240	.438876	.0040728	.0098185
%RSD	.4397775	.7612234	.4811241	6.534832	35.17857	1.246328	1.486088

#1	3.604686	26.50747	.1427159	-.003698	.900448	.3232589	.6499248
#2	3.635782	26.89004	.1426511	-.003909	1.740883	.3312438	.6630000
#3	3.626239	26.81924	.1438745	-.003430	1.101372	.3258567	.6691504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861139	4.888993	-.014338	.0011237	.6450609	5.889052	-.001298
Stddev	.114028	.014840	.006150	.0002848	.0004715	.083603	.000819
%RSD	2.345699	.3035324	42.89165	25.34376	.0730888	1.419638	63.09316

#1	4.743436	4.895298	-.018733	.0014504	.6455219	5.897516	-.002229
#2	4.971096	4.872042	-.016971	.0009276	.6445796	5.968101	-.000686
#3	4.868886	4.899639	-.007310	.0009932	.6450812	5.801539	-.000980

Sample Name: K5890-01 Acquired: 11/26/2019 15:01:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.236380	.0360807	.2640503
Stddev	.081482	.0010726	.0005933
%RSD	1.306565	2.972713	.2246890

#1	6.330077	.0354941	.2647123
#2	6.182107	.0373186	.2635666
#3	6.196957	.0354293	.2638720

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.878	4152.412	59988.76	8124.867	4394.186
Stddev	3.838	9.897	374.77	56.427	10.502
%RSD	.1882184	.2383380	.6247353	.6944984	.2389984

#1	2043.118	4163.799	59713.07	8059.854	4406.236
#2	2037.870	4145.883	60415.48	8153.643	4389.342
#3	2035.645	4147.554	59837.73	8161.105	4386.981

Sample Name: K5850-17 Acquired: 11/26/2019 14:57:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MC0AD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399497	.0271157	10.94014	-.046223	.0622770	62.95934	2.710001
Stddev	.0036274	.0027069	.02309	.003830	.0018561	.50973	.017426
%RSD	9.079786	9.982703	.2110139	8.285989	2.980383	.8096188	.6430232

#1	.0361623	.0252199	10.94378	-.048058	.0644183	62.74293	2.710352
#2	.0433923	.0259114	10.91544	-.048790	.0612862	62.59351	2.692402
#3	.0402945	.0302157	10.96118	-.041821	.0611266	63.54157	2.727248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156664	.1925251	222.5327	.7288209	.1635063	6.671070	530.7654
Stddev	.0002001	.0001477	1.4593	.0017289	.0003471	.014057	4.1368
%RSD	1.277389	.0766998	.6557727	.2372169	.2122682	.2107230	.7794121

#1	.0158808	.1924709	222.6063	.7274679	.1639016	6.684986	530.0034
#2	.0156339	.1924122	221.0380	.7282262	.1632516	6.671350	527.0624
#3	.0154846	.1926922	223.9538	.7307686	.1633656	6.656875	535.2302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.422726	28.03961	.9258204	.0000008	.6294556	.2053460	22.31593
Stddev	.043356	.20292	.0013034	.0007912	.1612175	.0051238	.38541
%RSD	.6750475	.7236902	.1407834	94624.30	25.61222	2.495187	1.727047

#1	6.428651	28.08031	.9258922	.0007746	.6180031	.2004700	21.93704
#2	6.376711	27.81942	.9244826	-.000807	.4742697	.2048820	22.30321
#3	6.462814	28.21909	.9270865	.000035	.7960941	.2106860	22.70754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.835927	3.350182	.1833786	.1347094	13.15874	2.392399	.2924583
Stddev	.106715	.009337	.0193406	.0005727	.03187	.031714	.0016508
%RSD	1.361866	.2787130	10.54680	.4251274	.2421770	1.325610	.5644385

#1	7.804239	3.340628	.1659285	.1343204	13.14416	2.427665	.2919698
#2	7.748645	3.350630	.1800339	.1353670	13.13678	2.383312	.2911070
#3	7.954897	3.359287	.2041734	.1344407	13.19529	2.366221	.2942982

Sample Name: K5850-17 Acquired: 11/26/2019 14:57:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MC0AD3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5508867	.0987742	.5901795
Stddev	.0026770	.0010231	.0006723
%RSD	.4859506	1.035822	.1139125

#1	.5539431	.0978279	.5908623
#2	.5497587	.0986347	.5901579
#3	.5489582	.0998598	.5895183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.252	3941.302	57813.86	7983.211	4184.937
Stddev	11.024	4.798	204.19	61.304	6.965
%RSD	.5717066	.1217425	.3531878	.7679119	.1664207

#1	1939.756	3936.055	58015.52	7912.571	4180.397
#2	1927.221	3942.384	57818.83	8022.492	4192.956
#3	1917.780	3945.466	57607.23	8014.569	4181.459

Sample Name: K5890-02 Acquired: 11/26/2019 15:05:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174620	.0125703	.0821189	-.028839	-.001125	66.87380	1.063485
Stddev	.0037223	.0019493	.0012499	.001560	.002146	.41753	.002191
%RSD	21.31675	15.50731	1.522069	5.408933	190.7772	.6243552	.2059930

#1	.0216336	.0105776	.0825831	-.028150	-.000417	66.70358	1.062860
#2	.0144795	.0126601	.0807034	-.027743	.000578	67.34955	1.065920
#3	.0162729	.0144732	.0830704	-.030625	-.003535	66.56827	1.061674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048247	.0036493	34.33401	.1117671	.0849295	.1111325	153.3072
Stddev	.0001185	.0000533	.02584	.0003998	.0001441	.0014994	.7474
%RSD	2.455791	1.460335	.0752545	.3577315	.1696809	1.349234	.4875334

#1	.0048929	.0036225	34.36364	.1122286	.0850750	.1107559	153.3694
#2	.0048933	.0036147	34.31615	.1115472	.0849267	.1127843	154.0216
#3	.0046879	.0037106	34.32225	.1115255	.0847868	.1098572	152.5306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731038	30.52154	.1359335	-.002185	1.528980	.3581965	.6855187
Stddev	.019218	.17725	.0001527	.000226	.271691	.0024905	.0075149
%RSD	.4062097	.5807391	.1123133	10.36519	17.76944	.6952899	1.096238

#1	4.732347	30.51122	.1357688	-.002363	1.648443	.3589342	.6866433
#2	4.749567	30.70373	.1359614	-.001930	1.720470	.3602349	.6924079
#3	4.711199	30.34968	.1360703	-.002261	1.218026	.3554205	.6775048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.141643	5.553358	-.011814	-.000005	.9521764	2.910009	-.003003
Stddev	.002123	.013590	.003424	.000169	.0076533	.018978	.000922
%RSD	.0345611	.2447087	28.98022	3347.511	.8037690	.6521486	30.69404

#1	6.139713	5.537999	-.008875	-.000089	.9588981	2.888821	-.003139
#2	6.143916	5.563823	-.010993	.000190	.9438469	2.915761	-.002021
#3	6.141299	5.558251	-.015573	-.000116	.9537842	2.925445	-.003849

Sample Name: K5890-02 Acquired: 11/26/2019 15:05:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.881465	.0446755	.3262921
Stddev	.038656	.0013324	.0009107
%RSD	.5617346	2.982493	.2791027

#1	6.856232	.0439000	.3254515
#2	6.862194	.0462140	.3261652
#3	6.925967	.0439124	.3272596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.991	4177.793	60403.73	8139.616	4366.870
Stddev	4.782	11.067	180.29	39.625	6.201
%RSD	.2318002	.2648933	.2984809	.4868177	.1419983

#1	2066.744	4173.307	60575.35	8178.309	4362.055
#2	2057.607	4169.675	60419.98	8141.418	4364.689
#3	2064.621	4190.399	60215.87	8099.121	4373.867

Sample Name: K5890-06 Acquired: 11/26/2019 15:09:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178879	.0104909	.0617685	-.022534	-.002856	56.56038	.8981870
Stddev	.0031926	.0011519	.0016266	.003229	.000594	.31754	.0041398
%RSD	17.84775	10.98015	2.633395	14.32941	20.79441	.5614106	.4609028

#1	.0175753	.0102101	.0636415	-.022425	-.002786	56.92700	.9028091
#2	.0148632	.0117572	.0609534	-.025817	-.002299	56.37231	.8948202
#3	.0212253	.0095053	.0607106	-.019361	-.003481	56.38182	.8969316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041631	.0026964	29.02925	.0904740	.0679750	.0893486	128.9891
Stddev	.0000707	.0000241	.11636	.0002742	.0003066	.0055285	.5609
%RSD	1.699189	.8941588	.4008223	.3030704	.4511044	6.187531	.4348300

#1	.0042401	.0026994	29.14346	.0901591	.0681418	.0840968	129.6003
#2	.0041482	.0027189	28.91086	.0906029	.0681622	.0888316	128.8691
#3	.0041010	.0026710	29.03342	.0906599	.0676212	.0951174	128.4979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.120720	25.50784	.1145715	-.002125	1.436702	.3077583	.5655527
Stddev	.008283	.12784	.0008324	.000238	.156681	.0028050	.0036707
%RSD	.2010014	.5011932	.7265594	11.18681	10.90561	.9114216	.6490470

#1	4.130059	25.65542	.1150319	-.002058	1.255979	.3103698	.5697691
#2	4.114266	25.43690	.1150721	-.001928	1.534377	.3047934	.5638187
#3	4.117835	25.43119	.1136106	-.002389	1.519749	.3081117	.5630702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.738249	4.754276	-.011308	.0003719	.8572842	2.370048	-.001469
Stddev	.087790	.009100	.002088	.0002609	.0023493	.013555	.000721
%RSD	1.852787	.1914002	18.46479	70.14446	.2740423	.5719492	49.09485

#1	4.819826	4.762094	-.012015	.0001462	.8599913	2.385510	-.002252
#2	4.749574	4.744287	-.008958	.0006576	.8557792	2.360212	-.001326
#3	4.645346	4.756446	-.012950	.0003120	.8560821	2.364420	-.000830

Sample Name: K5890-06 Acquired: 11/26/2019 15:09:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.560682	.0345163	.2753134
Stddev	.036471	.0012018	.0005640
%RSD	.6558761	3.481746	.2048715

#1	5.534639	.0357338	.2759258
#2	5.545042	.0344843	.2748153
#3	5.602364	.0333309	.2751990

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.944	4133.797	60096.63	8043.008	4410.237
Stddev	9.052	7.715	27.15	27.596	6.354
%RSD	.4430628	.1866272	.0451770	.3431032	.1440679

#1	2032.579	4128.538	60124.05	8013.939	4406.620
#2	2046.961	4142.653	60096.08	8068.847	4417.573
#3	2049.291	4130.199	60069.76	8046.238	4406.517

Sample Name: K5890-08 Acquired: 11/26/2019 15:17:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209344	.0134066	.0744617	-.024667	-.002149	71.27984	1.122246
Stddev	.0031242	.0011354	.0005201	.002362	.000928	.36478	.003822
%RSD	14.92370	8.469262	.6984728	9.574726	43.18074	.5117507	.3405989

#1	.0216643	.0125222	.0745655	-.027395	-.003114	71.12884	1.118097
#2	.0175099	.0146870	.0749220	-.023278	-.002072	71.01480	1.123018
#3	.0236290	.0130106	.0738975	-.023330	-.001262	71.69586	1.125624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050456	.0033578	35.65104	.1134140	.0837041	.1081381	158.2171
Stddev	.0001636	.0000781	.20140	.0002689	.0003157	.0033922	.6751
%RSD	3.241687	2.326282	.5649070	.2370647	.3771009	3.136901	.4267078

#1	.0050340	.0034014	35.46320	.1132878	.0840530	.1110367	157.7642
#2	.0048882	.0032677	35.62621	.1132314	.0834384	.1089704	157.8940
#3	.0052147	.0034045	35.86369	.1137228	.0836208	.1044072	158.9930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.079767	30.92695	.1368942	-.002877	1.924850	.3783663	.6964793
Stddev	.008463	.17410	.0003878	.000159	.268831	.0015554	.0122984
%RSD	.2074365	.5629544	.2832664	5.537281	13.96635	.4110842	1.765797

#1	4.072525	30.83543	.1373254	-.002768	2.056094	.3769882	.6962267
#2	4.077705	30.81770	.1367833	-.003060	2.102849	.3780578	.7089020
#3	4.089070	31.12773	.1365741	-.002804	1.615606	.3800528	.6843091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.848552	5.626092	-.010983	-.000172	.8138816	9.898671	-.002764
Stddev	.031143	.000520	.004071	.000221	.0049506	.054208	.001405
%RSD	.5324844	.0092347	37.06908	128.4802	.6082686	.5476310	50.84024

#1	5.883215	5.626691	-.015191	.000043	.8095151	9.904461	-.004322
#2	5.839511	5.625780	-.007063	-.000161	.8128698	9.841800	-.002380
#3	5.822931	5.625803	-.010696	-.000398	.8192599	9.949752	-.001591

Sample Name: K5890-08 Acquired: 11/26/2019 15:17:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.447659	.0466752	.3283703
Stddev	.019264	.0006449	.0004510
%RSD	.2586608	1.381729	.1373461

#1	7.430043	.0460873	.3278522
#2	7.468229	.0465733	.3286744
#3	7.444704	.0473650	.3285845

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.043	4153.199	60070.82	8141.995	4353.892
Stddev	10.827	4.102	455.31	44.366	10.601
%RSD	.5294065	.0987676	.7579565	.5448995	.2434773

#1	2046.853	4153.729	60172.78	8148.558	4342.112
#2	2033.425	4148.858	59573.17	8182.713	4356.901
#3	2054.849	4157.010	60466.50	8094.713	4362.663

Sample Name: K5890-07 Acquired: 11/26/2019 15:13:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103129	.0129295	.0650945	-.025758	-.003549	57.79992	.8166605
Stddev	.0059690	.0039558	.0009602	.005339	.001470	.32059	.0046998
%RSD	57.87924	30.59514	1.475164	20.72762	41.42114	.5546566	.5754928

#1	.0172050	.0172749	.0645296	-.021319	-.002392	57.51823	.8201962
#2	.0069328	.0119758	.0662033	-.031683	-.005203	58.14877	.8184582
#3	.0068010	.0095377	.0645508	-.024273	-.003051	57.73276	.8113272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044556	.0029906	30.70245	.1068454	.0802768	.0850398	150.6936
Stddev	.0000768	.0000865	.10709	.0010789	.0002482	.0016125	.5248
%RSD	1.723781	2.891340	.3488149	1.009760	.3091968	1.896122	.3482386

#1	.0043671	.0028976	30.79987	.1071243	.0801105	.0845230	150.5369
#2	.0045046	.0030058	30.71969	.1056544	.0805621	.0837492	151.2788
#3	.0044951	.0030685	30.58778	.1077574	.0801578	.0868474	150.2650

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.952455	29.03525	.1363928	-.002741	1.778106	.3903270	.7224448
Stddev	.014579	.13118	.0001738	.000233	.075082	.0061236	.0079122
%RSD	.4938001	.4517819	.1274461	8.499824	4.222602	1.568849	1.095205

#1	2.960241	28.96815	.1365554	-.002926	1.711661	.3932936	.7283877
#2	2.961488	29.18640	.1362096	-.002816	1.859559	.3944023	.7254830
#3	2.935636	28.95120	.1364134	-.002479	1.763097	.3832851	.7134638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.034542	5.409915	-.012007	-.000235	.4493259	6.929469	-.003800
Stddev	.055581	.006114	.002451	.000125	.0020584	.028296	.001415
%RSD	1.103999	.1130209	20.41473	52.94969	.4580981	.4083471	37.24410

#1	4.974116	5.406114	-.010834	-.000252	.4493916	6.906304	-.004358
#2	5.046026	5.406663	-.010363	-.000351	.4513506	6.921096	-.002190
#3	5.083485	5.416968	-.014825	-.000103	.4472355	6.961007	-.004850

Sample Name: K5890-07 Acquired: 11/26/2019 15:13:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.537347	.0435511	.2467303
Stddev	.049988	.0004256	.0004809
%RSD	.6632008	.9772384	.1949251

#1	7.590672	.0439729	.2471675
#2	7.491550	.0435584	.2462151
#3	7.529820	.0431219	.2468084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.795	4139.524	59699.47	8029.058	4379.333
Stddev	5.144	3.935	168.31	25.978	5.780
%RSD	.2543014	.0950608	.2819218	.3235462	.1319936

#1	2022.083	4141.402	59786.93	8059.026	4385.607
#2	2018.044	4135.002	59505.44	8015.206	4378.167
#3	2028.258	4142.169	59806.04	8012.942	4374.224

Sample Name: K5890-10 Acquired: 11/26/2019 15:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131980	.0117405	.0571427	-.022236	-.001589	57.06640	.8766610
Stddev	.0025000	.0007728	.0009124	.002796	.000405	.48291	.0032673
%RSD	18.94231	6.582416	1.596620	12.57243	25.50053	.8462173	.3727005

#1	.0106227	.0109670	.0561612	-.025286	-.001642	57.38235	.8790921
#2	.0156151	.0125126	.0573018	-.019795	-.001160	56.51051	.8729469
#3	.0133561	.0117418	.0579650	-.021628	-.001965	57.30633	.8779440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041081	.0027308	29.50092	.0922343	.0716277	.0851614	134.6402
Stddev	.0001672	.0000350	.12407	.0007175	.0002558	.0023167	.7548
%RSD	4.069904	1.280030	.4205649	.7779064	.3570691	2.720331	.5606333

#1	.0039241	.0026938	29.63791	.0920489	.0717858	.0832108	135.0898
#2	.0042507	.0027632	29.39611	.0916276	.0717646	.0877221	133.7688
#3	.0041494	.0027355	29.46874	.0930262	.0713326	.0845514	135.0622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.525323	27.05720	.1238596	-.002257	1.630902	.3154079	.5941780
Stddev	.019736	.16845	.0001950	.000154	.228253	.0017959	.0039153
%RSD	.5598381	.6225877	.1574436	6.802003	13.99550	.5693974	.6589400

#1	3.540242	27.12614	.1236510	-.002434	1.434304	.3173034	.5967107
#2	3.502944	26.86521	.1240373	-.002163	1.577177	.3151885	.5896685
#3	3.532781	27.18025	.1238904	-.002173	1.881225	.3137317	.5961550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839915	4.842919	-.007685	-.000156	.6412090	4.639938	-.001437
Stddev	.067026	.019710	.004007	.000405	.0022183	.047288	.001581
%RSD	1.384855	.4069789	52.13482	260.4981	.3459501	1.019156	110.0190

#1	4.912977	4.820901	-.004261	.000221	.6401844	4.598719	.000346
#2	4.781272	4.848940	-.012092	-.000584	.6396881	4.691563	-.002670
#3	4.825495	4.858916	-.006703	-.000103	.6437543	4.629533	-.001987

Sample Name: K5890-10 Acquired: 11/26/2019 15:25:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.175940	.0373127	.2656094
Stddev	.047152	.0008004	.0000930
%RSD	.7634869	2.145167	.0350245

#1	6.135064	.0373568	.2655180
#2	6.227526	.0364911	.2657040
#3	6.165229	.0380901	.2656063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.336	4140.814	60049.33	8061.224	4407.049
Stddev	1.583	11.738	102.02	21.881	6.613
%RSD	.0779072	.2834613	.1698914	.2714387	.1500540

#1	2033.745	4128.045	60086.74	8069.799	4403.148
#2	2032.641	4143.263	60127.36	8036.354	4403.314
#3	2030.622	4151.133	59933.89	8077.519	4414.684

Sample Name: K5890-09 Acquired: 11/26/2019 15:21:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069946	.0094688	.0358407	-.020613	-.002613	43.48778	.7711469
Stddev	.0031094	.0015284	.0023997	.002844	.000879	.20543	.0011665
%RSD	44.45443	16.14186	6.695395	13.79478	33.62395	.4723921	.1512749

#1	.0043696	.0111140	.0372150	-.023469	-.002991	43.38809	.7715072
#2	.0061856	.0091994	.0372373	-.017782	-.003239	43.72404	.7720908
#3	.0104285	.0080930	.0330698	-.020587	-.001609	43.35121	.7698427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033437	.0016786	24.42964	.0766273	.0619201	.0482553	114.5378
Stddev	.0000722	.0000726	.12983	.0004753	.0002498	.0031775	.5027
%RSD	2.159450	4.322175	.5314478	.6202867	.4034591	6.584673	.4389013

#1	.0032605	.0017313	24.33582	.0766823	.0621075	.0502121	114.1264
#2	.0033807	.0015958	24.57781	.0761268	.0620162	.0499648	115.0981
#3	.0033900	.0017086	24.37528	.0770727	.0616365	.0445891	114.3889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.912577	23.48995	.1093237	-.002168	1.304901	.2614154	.5070105
Stddev	.007641	.21112	.0006565	.000417	.244779	.0051202	.0042322
%RSD	.3995379	.8987598	.6004652	19.22756	18.75845	1.958645	.8347470

#1	1.904663	23.31790	.1100581	-.001869	1.023377	.2555264	.5097229
#2	1.919913	23.72554	.1087941	-.002644	1.467461	.2639056	.5091747
#3	1.913156	23.42640	.1091188	-.001990	1.423865	.2648141	.5021338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.950685	4.125862	-.013507	-.000025	.1561860	6.486004	-.002284
Stddev	.032303	.007214	.002198	.000188	.0056414	.024139	.000272
%RSD	.8176677	.1748536	16.27572	747.0422	3.611986	.3721657	11.92122

#1	3.945822	4.130806	-.014802	-.000219	.1609108	6.513440	-.001984
#2	3.921089	4.129196	-.010969	.000156	.1499400	6.476544	-.002516
#3	3.985145	4.117584	-.014750	-.000012	.1577073	6.468027	-.002351

Sample Name: K5890-09 Acquired: 11/26/2019 15:21:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.680835	.0328180	.2115085
Stddev	.026664	.0017169	.0000626
%RSD	.4693610	5.231689	.0295793

#1	5.688138	.0336439	.2115685
#2	5.651281	.0339658	.2114436
#3	5.703086	.0308441	.2115134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.974	4090.971	59281.74	7919.658	4415.796
Stddev	6.788	9.950	162.35	7.981	6.173
%RSD	.3370408	.2432145	.2738568	.1007721	.1397896

#1	2021.052	4096.417	59390.68	7911.111	4410.713
#2	2007.520	4097.008	59359.40	7926.916	4422.665
#3	2013.351	4079.487	59095.15	7920.948	4414.011

Sample Name: CCV075 Acquired: 11/26/2019 15:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.978771	5.026209	25.42173	4.942916	4.958565	391.9161	10.07993
Stddev	.007260	.011359	.03298	.018073	.001942	4.1054	.05905
%RSD	.1458236	.2259990	.1297285	.3656250	.0391742	1.047525	.5858375

#1	4.974706	5.038212	25.45869	4.936972	4.960804	396.4758	10.10505
#2	4.987153	5.024789	25.41119	4.928564	4.957570	388.5131	10.12227
#3	4.974454	5.015627	25.39530	4.963212	4.957323	390.7593	10.01247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955009	2.528131	405.4121	15.39233	2.556625	15.30889	399.5967
Stddev	.0043719	.000624	.7705	.00969	.002839	.04762	2.5866
%RSD	.8823257	.0246941	.1900455	.0629828	.1110615	.3110539	.6473029

#1	.5005110	2.527410	405.7151	15.38215	2.554844	15.27602	400.8711
#2	.4935325	2.528482	405.9850	15.40144	2.555131	15.28714	401.2988
#3	.4924592	2.528501	404.5362	15.39341	2.559899	15.36350	396.6202

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76145	394.7451	2.533934	1.247107	389.1822	2.430366	14.32276
Stddev	.04058	2.6533	.004977	.012010	2.5613	.024608	.15064
%RSD	.2748910	.6721603	.1964281	.9630401	.6581139	1.012525	1.051761

#1	14.80237	395.7170	2.539675	1.253964	390.2731	2.439135	14.36527
#2	14.76076	396.7754	2.531297	1.254117	391.0175	2.449388	14.44757
#3	14.72122	391.7428	2.530829	1.233239	386.2561	2.402574	14.15542

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	145.6912	5.228690	4.895754	4.943075	5.207994	4.841334	5.114460
Stddev	1.6684	.016088	.040207	.006474	.006021	.045804	.007619
%RSD	1.145134	.3076923	.8212607	.1309785	.1156122	.9461098	.1489748

#1	146.9925	5.217078	4.935311	4.942613	5.203559	4.893376	5.122141
#2	146.2707	5.221938	4.897025	4.936844	5.214848	4.823486	5.114335
#3	143.8103	5.247054	4.854927	4.949768	5.205574	4.807141	5.106904

Sample Name: CCV075 Acquired: 11/26/2019 15:33:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.162138	5.113077	5.056617
Stddev	.054954	.009679	.029887
%RSD	1.064563	.1892971	.5910421

#1	5.145588	5.111205	5.054242
#2	5.117360	5.104471	5.027989
#3	5.223465	5.123555	5.087621

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1606.582	3289.627	49786.86	7185.235	3461.750
Stddev	14.900	5.054	333.17	11.188	2.681
%RSD	.9274428	.1536277	.6691854	.1557129	.0774327

#1	1600.368	3288.729	49783.27	7173.997	3458.660
#2	1595.794	3295.069	49455.50	7196.373	3463.449
#3	1623.583	3285.082	50121.81	7185.333	3463.141

Sample Name: K5890-11 Acquired: 11/26/2019 15:29:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP9 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091165	.0105358	.0351359	-.020199	-.001509	36.29774	.5013551
Stddev	.0021688	.0014683	.0006446	.006971	.000502	.19522	.0019117
%RSD	23.79047	13.93648	1.834517	34.51114	33.28556	.5378328	.3813032

#1	.0095856	.0097434	.0345520	-.012477	-.002073	36.52201	.5011136
#2	.0067515	.0096340	.0350280	-.022093	-.001348	36.16591	.5033760
#3	.0110124	.0122302	.0358276	-.026027	-.001108	36.20529	.4995756

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031636	.0017000	22.66932	.0771346	.0579322	.0513369	115.2034
Stddev	.0001162	.0000735	.04775	.0005832	.0002316	.0024668	.5273
%RSD	3.671620	4.326498	.2106278	.7561214	.3997628	4.805048	.4576904

#1	.0032900	.0016266	22.62862	.0771188	.0577187	.0522501	115.7672
#2	.0031393	.0016996	22.72188	.0777256	.0578996	.0532168	115.1207
#3	.0030615	.0017737	22.65746	.0765595	.0581784	.0485437	114.7224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.023585	22.41909	.1134351	-.002095	.9856282	.2817206	.4598743
Stddev	.002251	.09438	.0007608	.000352	.3000405	.0025510	.0054177
%RSD	.1112356	.4209854	.6706613	16.82047	30.44155	.9055094	1.178072

#1	2.025475	22.52776	.1127524	-.002500	.8536392	.2842897	.4661231
#2	2.021094	22.37186	.1132977	-.001935	.7742089	.2816840	.4570053
#3	2.024184	22.35765	.1142552	-.001852	1.329037	.2791881	.4564945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.683597	4.600474	-.013465	.0003696	.1833929	2.595296	-.000390
Stddev	.084421	.012947	.001386	.0003106	.0037475	.002530	.000813
%RSD	3.145833	.2814310	10.29209	84.02786	2.043446	.0974664	208.4039

#1	2.771380	4.611653	-.012522	.0000199	.1875513	2.592390	.000170
#2	2.676415	4.586288	-.015056	.0004756	.1823503	2.597004	-.000018
#3	2.602996	4.603481	-.012816	.0006133	.1802770	2.596494	-.001322

Sample Name: K5890-11 Acquired: 11/26/2019 15:29:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLP9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.595522	.0249965	.1673969
Stddev	.049595	.0020595	.0002495
%RSD	.8863272	8.239195	.1490240

#1	5.540589	.0252260	.1671203
#2	5.608972	.0269316	.1676048
#3	5.637003	.0228318	.1674658

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.413	4096.259	59203.92	8004.487	4434.955
Stddev	14.003	5.441	247.01	26.254	1.985
%RSD	.6961631	.1328403	.4172166	.3279861	.0447541

#1	2003.141	4094.739	59125.29	8033.724	4436.774
#2	2027.580	4102.299	59480.67	7996.808	4432.838
#3	2003.517	4091.739	59005.80	7982.930	4435.253

Sample Name: CCB075 Acquired: 11/26/2019 15:37:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003015	.0012609	.0040491	.0018509	-.001358	.0031490	.0013524
Stddev	.001656	.0015803	.0015461	.0040128	.001420	.0100263	.0000443
%RSD	54.90915	125.3284	38.18435	216.8024	104.5612	318.3950	3.272872

#1	-.001506	.0003041	.0047808	.0064786	-.000135	-.007062	.0013564
#2	-.004786	.0030850	.0050935	-.000261	-.001024	.003530	.0013063
#3	-.002753	.0003937	.0022729	-.000665	-.002916	.012979	.0013945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0001036	.0117410	.0006205	.0001075	.0030412	.0148554
Stddev	.000025	.0000570	.0063062	.0001139	.0001869	.0014836	.0042853
%RSD	863.2794	55.04962	53.71103	18.35099	173.8538	48.78294	28.84660

#1	-.000032	.0000959	.0189753	.0005205	-.000108	.0043860	.0192782
#2	.000009	.0001641	.0074048	.0005965	.000231	.0014497	.0145655
#3	.000014	.0000508	.0088430	.0007444	.000199	.0032879	.0107224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005383	.0306081	-.000207	-.000004	.2890607	.0009617	.0030251
Stddev	.0005240	.0353921	.000174	.000168	.1336354	.0031653	.0037010
%RSD	97.33908	115.6296	84.02967	3897.584	46.23093	329.1308	122.3421

#1	.0010921	.0379766	-.000377	-.000011	.2222181	.0034185	.0011275
#2	.0004727	.0617360	-.000029	-.000169	.2020350	.0020768	.0072900
#3	.0000502	-.007888	-.000216	.000167	.4429290	-.002610	.0006578

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405188	.0015479	.0064486	.0005490	-.003899	-.001053	-.001802
Stddev	.0577918	.0019242	.0015401	.0003869	.001427	.000090	.000312
%RSD	142.6294	124.3095	23.88296	70.47596	36.60744	8.522439	17.29513

#1	.1033641	.0026942	.0079457	.0009942	-.003889	-.001152	-.001445
#2	.0285319	-.000674	.0048688	.0003585	-.005331	-.000977	-.002018
#3	-.010339	.002623	.0065313	.0002942	-.002477	-.001030	-.001942

Sample Name: CCB075 Acquired: 11/26/2019 15:37:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015840	.0035914	.0001079
Stddev	.0011312	.0009639	.0000563
%RSD	71.41499	26.83810	52.21054

#1	.0023425	.0034549	.0000775
#2	.0002838	.0046162	.0001729
#3	.0021257	.0027031	.0000733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.596	3833.658	55430.34	7352.045	4503.105
Stddev	9.648	.973	263.56	19.905	3.350
%RSD	.5073864	.0253837	.4754813	.2707388	.0743959

#1	1892.620	3832.632	55565.82	7331.097	4499.459
#2	1900.367	3833.775	55126.60	7354.330	4506.048
#3	1911.799	3834.567	55598.61	7370.709	4503.807

Sample Name: K5890-13 Acquired: 11/26/2019 15:45:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158020	.0126086	.0651321	-.018372	-.002547	65.51219	1.018792
Stddev	.0012457	.0005330	.0010213	.000636	.001728	.13966	.000753
%RSD	7.883229	4.227385	1.568113	3.460747	67.84129	.2131758	.0739130

#1	.0170691	.0120311	.0645002	-.018750	-.000563	65.44059	1.018639
#2	.0145788	.0127128	.0663104	-.018728	-.003721	65.42286	1.018127
#3	.0157582	.0130818	.0645856	-.017638	-.003357	65.67313	1.019609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046372	.0032581	31.76948	.1012146	.0733652	.1058793	143.6436
Stddev	.0001182	.0000398	.19104	.0007256	.0001750	.0015423	.8552
%RSD	2.549555	1.222393	.6013297	.7169355	.2385778	1.456669	.5953453

#1	.0046430	.0033040	31.67894	.1017631	.0732682	.1076596	143.2122
#2	.0045161	.0032322	31.64054	.1014888	.0732601	.1050284	143.0901
#3	.0047523	.0032382	31.98895	.1003918	.0735672	.1049498	144.6286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.107569	27.37543	.1211477	-.002129	1.932720	.3437728	.6406560
Stddev	.030140	.19147	.0002246	.000284	.081958	.0040979	.0126200
%RSD	.7337765	.6994181	.1853958	13.33767	4.240544	1.192026	1.969853

#1	4.089825	27.23601	.1213671	-.002301	2.022910	.3391458	.6398194
#2	4.090511	27.29654	.1211576	-.002284	1.912454	.3469442	.6284751
#3	4.142369	27.59374	.1209183	-.001801	1.862797	.3452283	.6536734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.566963	4.953789	-.004429	-.000110	.9380415	7.796406	-.002861
Stddev	.021041	.022202	.001201	.000279	.0027846	.045926	.002186
%RSD	.3779643	.4481871	27.12489	252.8503	.2968532	.5890633	76.41581

#1	5.589588	4.928201	-.003556	-.000230	.9377405	7.773739	-.001513
#2	5.563319	4.967958	-.003933	.000209	.9354196	7.766220	-.005383
#3	5.547981	4.965208	-.005799	-.000310	.9409644	7.849258	-.001687

Sample Name: K5890-13 Acquired: 11/26/2019 15:45:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.695013	.0401709	.2968527
Stddev	.046527	.0005075	.0012013
%RSD	.6949545	1.263236	.4046825

#1	6.648793	.0399132	.2962147
#2	6.694405	.0407555	.2961050
#3	6.741841	.0398440	.2982384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.901	4138.177	59637.97	8112.850	4383.760
Stddev	15.484	9.358	223.79	40.868	11.536
%RSD	.7601954	.2261340	.3752506	.5037499	.2631521

#1	2022.131	4148.732	59452.56	8146.994	4395.417
#2	2053.013	4134.905	59886.56	8123.990	4383.514
#3	2035.558	4130.895	59574.79	8067.567	4372.349

Sample Name: K5890-12 Acquired: 11/26/2019 15:41:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167925	.0128491	.0592027	-.024777	-.001707	70.07332	1.150703
Stddev	.0021942	.0038515	.0023332	.000587	.000998	.07959	.001164
%RSD	13.06622	29.97479	3.941001	2.368621	58.47667	.1135865	.1011768

#1	.0143642	.0144234	.0587843	-.025453	-.000708	70.16351	1.151054
#2	.0173808	.0084598	.0571071	-.024476	-.001707	70.04353	1.149403
#3	.0186326	.0156641	.0617168	-.024402	-.002704	70.01292	1.151651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047878	.0027390	34.10233	.1013833	.0811495	.0886258	152.7504
Stddev	.0001027	.0001062	.05414	.0000364	.0000241	.0002675	.2201
%RSD	2.144234	3.878943	.1587579	.0358861	.0297343	.3017971	.1440618

#1	.0048851	.0026208	34.13695	.1013593	.0811657	.0887064	152.8294
#2	.0046805	.0027697	34.03994	.1013654	.0811218	.0883272	152.5018
#3	.0047979	.0028265	34.13009	.1014252	.0811610	.0888436	152.9201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.881104	30.53766	.1273889	-.002890	2.245122	.3387287	.6751470
Stddev	.015773	.08255	.0005318	.000281	.136708	.0022035	.0078037
%RSD	.4064142	.2703365	.4174416	9.719502	6.089100	.6505265	1.155854

#1	3.884972	30.59919	.1273223	-.002833	2.194346	.3409367	.6783455
#2	3.863756	30.44384	.1279508	-.002642	2.141068	.3387198	.6662522
#3	3.894583	30.56994	.1268935	-.003195	2.399953	.3365296	.6808432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.950341	5.048723	-.006865	.0000722	.6595119	6.394934	.0008483
Stddev	.017796	.009192	.000985	.0002489	.0069773	.091055	.0005303
%RSD	.2560422	.1820660	14.34986	344.8167	1.057943	1.423866	62.51052

#1	6.942717	5.042510	-.007592	.0002190	.6649077	6.434895	.0007580
#2	6.970679	5.044378	-.005744	-.000215	.6516327	6.290732	.0014180
#3	6.937627	5.059283	-.007258	.000213	.6619954	6.459177	.0003690

Sample Name: K5890-12 Acquired: 11/26/2019 15:41:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.439384	.0523151	.3431357
Stddev	.027809	.0023277	.0005259
%RSD	.3738074	4.449374	.1532706

#1	7.436896	.0509887	.3430803
#2	7.412903	.0550028	.3426397
#3	7.468354	.0509539	.3436872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.800	4129.935	59775.35	8036.412	4371.882
Stddev	22.024	9.738	161.73	27.224	12.375
%RSD	1.082377	.2357915	.2705593	.3387558	.2830546

#1	2031.823	4133.714	59949.08	8059.377	4381.981
#2	2058.162	4137.217	59747.82	8043.519	4375.586
#3	2014.416	4118.874	59629.16	8006.339	4358.078

Sample Name: K5890-15 Acquired: 11/26/2019 15:53:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189644	.0163021	.0605663	-.025178	-.001525	64.57516	.9912551
Stddev	.0004597	.0015050	.0011390	.004375	.002197	.32102	.0027105
%RSD	2.424018	9.231903	1.880650	17.37568	144.1197	.4971329	.2734409

#1	.0186956	.0174486	.0594460	-.020185	-.004056	64.21129	.9886332
#2	.0187024	.0145978	.0605297	-.027011	-.000108	64.81838	.9940463
#3	.0194952	.0168597	.0617232	-.028338	-.000410	64.69581	.9910858

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044263	.0030326	33.01757	.1064735	.0747473	.0943941	146.5566
Stddev	.0000922	.0000615	.12194	.0005260	.0003649	.0011510	1.1981
%RSD	2.082950	2.028153	.3693159	.4940611	.4881824	1.219316	.8175142

#1	.0045117	.0030505	32.87830	.1065611	.0747204	.0945585	145.1991
#2	.0043286	.0030832	33.10513	.1059091	.0751249	.0931697	147.4665
#3	.0044387	.0029642	33.06930	.1069502	.0743966	.0954540	147.0042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.963781	28.72556	.1261944	-.002315	1.900794	.3638304	.6263174
Stddev	.025094	.12490	.0006051	.000214	.199301	.0045672	.0082850
%RSD	.6330902	.4347913	.4794677	9.260806	10.48512	1.255313	1.322817

#1	3.936029	28.62605	.1256207	-.002421	1.948840	.3586978	.6167992
#2	3.984876	28.86571	.1261359	-.002068	1.681863	.3674465	.6302433
#3	3.970437	28.68492	.1268266	-.002456	2.071680	.3653468	.6319097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.277513	5.466515	-.010848	.0002074	.7570228	7.185101	-.002820
Stddev	.023725	.026856	.003824	.0002419	.0063626	.055161	.000520
%RSD	.4495440	.4912882	35.24832	116.6604	.8404736	.7677154	18.45736

#1	5.284889	5.436906	-.015161	-.000049	.7501224	7.246629	-.003358
#2	5.250977	5.473335	-.007873	.000431	.7582886	7.140073	-.002783
#3	5.296675	5.489303	-.009510	.000240	.7626573	7.168600	-.002319

Sample Name: K5890-15 Acquired: 11/26/2019 15:53:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.157829	.0416583	.3083148
Stddev	.039359	.0009139	.0008528
%RSD	.5498748	2.193669	.2766140

#1	7.201483	.0406678	.3092641
#2	7.125053	.0418384	.3076132
#3	7.146951	.0424687	.3080673

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.478	4139.029	59857.33	8085.417	4367.128
Stddev	7.101	8.242	207.10	38.826	2.706
%RSD	.3493629	.1991392	.3459875	.4801936	.0619717

#1	2030.657	4148.474	59916.37	8045.147	4369.428
#2	2026.464	4135.321	59627.13	8088.489	4367.810
#3	2040.311	4133.292	60028.51	8122.615	4364.146

Sample Name: K5890-14 Acquired: 11/26/2019 15:49:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160459	.0156425	.0571425	-.021664	-.002626	60.38469	.8532250
Stddev	.0026902	.0023882	.0002388	.005426	.001425	.15908	.0011290
%RSD	16.76561	15.26735	.4179463	25.04659	54.26478	.2634426	.1323212

#1	.0187455	.0131238	.0570002	-.027924	-.003596	60.41907	.8545264
#2	.0133652	.0178742	.0574182	-.018315	-.003292	60.21123	.8525070
#3	.0160271	.0159296	.0570091	-.018752	-.000990	60.52376	.8526417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043580	.0029258	31.17891	.1003111	.0720109	.0965757	140.3180
Stddev	.0000946	.0000895	.07637	.0002585	.0002341	.0045081	.3569
%RSD	2.169756	3.058927	.2449527	.2576705	.3251092	4.667908	.2543376

#1	.0044508	.0028498	31.26703	.1005554	.0722747	.1004573	140.4440
#2	.0042618	.0030244	31.13791	.1003374	.0719298	.0916312	139.9152
#3	.0043613	.0029030	31.13179	.1000405	.0718280	.0976387	140.5947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.490317	26.66007	.1197596	-.002411	1.663459	.3600901	.5919426
Stddev	.007867	.16853	.0003888	.000527	.212650	.0004643	.0043394
%RSD	.2254071	.6321389	.3246428	21.84085	12.78362	.1289357	.7330732

#1	3.499366	26.74729	.1193343	-.002203	1.554158	.3605434	.5967425
#2	3.485098	26.46581	.1198480	-.003010	1.527689	.3596155	.5882972
#3	3.486486	26.76712	.1200966	-.002020	1.908531	.3601114	.5907881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.558482	5.403816	-.013303	-.000155	1.043029	2.475484	-.002042
Stddev	.077946	.038298	.001013	.000158	.002762	.010373	.000912
%RSD	1.709917	.7087149	7.618169	102.0323	.2647835	.4190229	44.64655

#1	4.549925	5.443909	-.012973	-.000335	1.045332	2.474167	-.001250
#2	4.485168	5.367610	-.012496	-.000037	1.039967	2.465832	-.003039
#3	4.640354	5.399929	-.014441	-.000093	1.043788	2.486452	-.001838

Sample Name: K5890-14 Acquired: 11/26/2019 15:49:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.747055	.0393106	.2661565
Stddev	.023640	.0017884	.0003218
%RSD	.3503809	4.549435	.1209207

#1	6.761993	.0408979	.2665202
#2	6.759372	.0396608	.2660409
#3	6.719799	.0373729	.2659085

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.701	4134.372	59577.71	8036.510	4380.390
Stddev	15.340	7.871	241.52	44.671	5.039
%RSD	.7557554	.1903907	.4053832	.5558462	.1150338

#1	2011.996	4138.923	59306.28	7989.141	4384.247
#2	2038.115	4138.910	59657.96	8042.514	4382.235
#3	2038.993	4125.283	59768.89	8077.874	4374.689

Sample Name: K5890-16 Acquired: 11/26/2019 15:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168938	.0117402	.0600440	-.022536	-.003625	57.74503	1.010080
Stddev	.0037930	.0014321	.0014575	.004284	.001532	.72200	.005396
%RSD	22.45213	12.19827	2.427337	19.00945	42.27680	1.250322	.5341954

#1	.0153853	.0111449	.0603431	-.026939	-.001909	57.98628	1.009293
#2	.0140871	.0133740	.0613287	-.018381	-.004107	58.31552	1.015827
#3	.0212090	.0107018	.0584602	-.022289	-.004857	56.93330	1.005121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043441	.0030283	30.42707	.1021110	.0713744	.0975541	138.5847
Stddev	.0000472	.0001159	.19996	.0009995	.0001636	.0025197	1.3949
%RSD	1.086297	3.828058	.6571619	.9788745	.2292645	2.582844	1.006538

#1	.0043797	.0029192	30.33835	.1018710	.0713090	.0952373	138.6112
#2	.0042906	.0030158	30.65603	.1012533	.0715606	.1002367	139.9662
#3	.0043621	.0031500	30.28682	.1032087	.0712536	.0971883	137.1768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.678378	25.99929	.1135598	-.002264	1.297020	.3440452	.5885494
Stddev	.035610	.22688	.0001046	.000183	.122023	.0064313	.0055077
%RSD	.7611661	.8726419	.0920955	8.064444	9.407910	1.869324	.9358029

#1	4.669868	26.00233	.1134693	-.002059	1.178361	.3431071	.5872484
#2	4.717473	26.22464	.1135358	-.002327	1.422148	.3508940	.5945910
#3	4.647794	25.77090	.1136743	-.002407	1.290552	.3381344	.5838087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.080457	5.094707	-.011446	.0001158	1.124944	4.238938	-.003114
Stddev	.145569	.021854	.004125	.0001616	.004006	.046843	.000705
%RSD	2.865280	.4289478	36.04285	139.5572	.3560914	1.105059	22.65077

#1	5.161125	5.070479	-.007991	-.000043	1.122961	4.209812	-.002475
#2	5.167832	5.100711	-.010333	.000111	1.122316	4.292973	-.002997
#3	4.912413	5.112931	-.016013	.000280	1.129555	4.214030	-.003871

Sample Name: K5890-16 Acquired: 11/26/2019 15:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.497980	.0364870	.2929438
Stddev	.074841	.0034569	.0005560
%RSD	1.151752	9.474293	.1898130

#1	6.455290	.0336572	.2926688
#2	6.454253	.0354638	.2925789
#3	6.584396	.0403400	.2935838

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.037	4121.446	59687.98	8092.406	4376.359
Stddev	21.831	13.571	420.36	24.481	6.136
%RSD	1.064403	.3292743	.7042569	.3025199	.1402050

#1	2047.302	4123.767	59437.13	8106.783	4378.746
#2	2031.315	4133.708	59453.54	8064.139	4380.942
#3	2074.495	4106.865	60173.27	8106.296	4369.388

Sample Name: K5890-17 Acquired: 11/26/2019 16:01:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168478	.0124278	.0533169	-.023824	-.003440	51.30619	.8485388
Stddev	.0052581	.0004379	.0005905	.006899	.000274	.31928	.0057575
%RSD	31.20944	3.523620	1.107569	28.95974	7.978818	.6223091	.6785185

#1	.0125498	.0128750	.0529440	-.020861	-.003476	50.99998	.8426432
#2	.0227106	.0124087	.0530089	-.031710	-.003149	51.28147	.8488260
#3	.0152829	.0119998	.0539977	-.018901	-.003695	51.63711	.8541474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039891	.0023716	29.00621	.0929061	.0706689	.0686922	134.7641
Stddev	.0000283	.0000455	.14777	.0002807	.0007091	.0022683	.4475
%RSD	.7089550	1.917116	.5094359	.3021020	1.003408	3.302092	.3320496

#1	.0040057	.0024062	28.84368	.0926113	.0710662	.0700715	134.3848
#2	.0040052	.0023201	29.04250	.0929371	.0698502	.0699310	134.6498
#3	.0039565	.0023883	29.13245	.0931700	.0710903	.0660743	135.2576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.848186	26.57787	.1255504	-.002716	1.665764	.3462448	.5698591
Stddev	.012065	.07357	.0001819	.000053	.006956	.0031003	.0063125
%RSD	.4236194	.2767994	.1448936	1.950292	.4176115	.8954056	1.107736

#1	2.836403	26.52004	.1257215	-.002670	1.661950	.3481446	.5771201
#2	2.847639	26.55290	.1253593	-.002773	1.673794	.3479227	.5667825
#3	2.860515	26.66067	.1255704	-.002704	1.661549	.3426672	.5656748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.332678	5.441416	-.014010	.0002633	.4108953	2.120759	-.003990
Stddev	.077025	.014357	.002268	.0006119	.0020938	.018249	.000756
%RSD	1.777766	.2638433	16.19005	232.3837	.5095734	.8604977	18.95262

#1	4.254207	5.426418	-.014073	.0009056	.4119742	2.102504	-.004857
#2	4.408171	5.442799	-.016245	-.000313	.4122296	2.139002	-.003647
#3	4.335655	5.455032	-.011710	.000197	.4084821	2.120770	-.003466

Sample Name: K5890-17 Acquired: 11/26/2019 16:01:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.701749	.0349495	.2594289
Stddev	.017641	.0016766	.0002669
%RSD	.2632225	4.797157	.1028949

#1	6.712436	.0353880	.2594606
#2	6.711422	.0330972	.2591475
#3	6.681387	.0363633	.2596786

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.506	4136.605	60110.12	8049.924	4386.171
Stddev	8.438	6.297	152.63	21.179	5.041
%RSD	.4125076	.1522342	.2539107	.2630929	.1149340

#1	2040.506	4143.772	59969.17	8027.262	4380.668
#2	2055.248	4134.084	60272.22	8069.215	4387.279
#3	2040.764	4131.958	60088.96	8053.295	4390.566

Sample Name: K5890-18 Acquired: 11/26/2019 16:05:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143514	.0141063	.0585224	-.028547	-.000751	64.07689	.9549117
Stddev	.0055197	.0022557	.0012264	.000119	.000918	.30316	.0014231
%RSD	38.46060	15.99064	2.095573	.4169023	122.2927	.4731137	.1490251

#1	.0177370	.0121222	.0577060	-.028602	-.000378	64.01173	.9564343
#2	.0173352	.0165597	.0579286	-.028628	-.000078	64.40733	.9536153
#3	.0079821	.0136369	.0599327	-.028410	-.001797	63.81161	.9546853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043156	.0029767	31.23591	.1143712	.0733149	.1042668	144.0050
Stddev	.0001508	.0000633	.08405	.0013181	.0003947	.0012636	.6763
%RSD	3.495362	2.127264	.2690806	1.152465	.5383570	1.211923	.4696431

#1	.0043546	.0030443	31.33228	.1157123	.0731074	.1028499	144.3068
#2	.0044430	.0029670	31.19767	.1143237	.0730672	.1052769	144.4780
#3	.0041490	.0029187	31.17777	.1130774	.0737701	.1046737	143.2304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.340013	26.90994	.1215960	-.002318	1.630608	.3699339	.6290472
Stddev	.008767	.15802	.0011563	.000268	.034588	.0040605	.0044972
%RSD	.2624921	.5872016	.9509057	11.58412	2.121183	1.097625	.7149218

#1	3.348798	26.95638	.1202609	-.002272	1.606360	.3734366	.6304779
#2	3.339977	27.03953	.1222618	-.002606	1.615247	.3708817	.6240087
#3	3.331264	26.73391	.1222654	-.002075	1.670216	.3654833	.6326550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.190358	5.055673	-.008814	-.000234	1.111121	3.081052	-.000954
Stddev	.072823	.015993	.001171	.000365	.005824	.019190	.000531
%RSD	1.403049	.3163301	13.28580	155.7804	.5241544	.6228334	55.65209

#1	5.172907	5.037484	-.007878	-.000592	1.111170	3.066121	-.000739
#2	5.270321	5.062001	-.008437	.000138	1.105273	3.102697	-.000564
#3	5.127845	5.067532	-.010127	-.000249	1.116921	3.074338	-.001558

Sample Name: K5890-18 Acquired: 11/26/2019 16:05:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.247125	.0408234	.2833596
Stddev	.046863	.0015377	.0004067
%RSD	.6466376	3.766585	.1435252

#1	7.242400	.0402131	.2835645
#2	7.202803	.0396846	.2828913
#3	7.296171	.0425725	.2836232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.303	4141.020	60254.19	8109.114	4393.747
Stddev	9.687	9.365	73.23	16.818	7.050
%RSD	.4743250	.2261541	.1215303	.2073918	.1604480

#1	2047.372	4131.471	60336.33	8109.288	4386.386
#2	2031.133	4141.398	60195.73	8092.210	4400.437
#3	2048.404	4150.190	60230.52	8125.844	4394.417

Sample Name: K5890-19 Acquired: 11/26/2019 16:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200158	.0137173	.0783385	-.023154	-.002949	77.43814	1.081159
Stddev	.0043767	.0006639	.0017242	.002677	.001868	.23134	.000811
%RSD	21.86626	4.840059	2.200956	11.56022	63.36177	.2987417	.0750140

#1	.0240978	.0142316	.0772460	-.022549	-.000791	77.18546	1.081756
#2	.0153944	.0139525	.0774433	-.020832	-.004031	77.48940	1.080236
#3	.0205553	.0129678	.0803261	-.026082	-.004023	77.63954	1.081485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049989	.0040758	33.44851	.1124534	.0763472	.1399813	148.0214
Stddev	.0000919	.0000664	.04698	.0009503	.0001499	.0015951	.2063
%RSD	1.839439	1.629759	.1404590	.8450864	.1963361	1.139533	.1393687

#1	.0049894	.0040167	33.43583	.1126497	.0761965	.1390658	148.0193
#2	.0050953	.0041477	33.40917	.1114203	.0763488	.1418232	147.8162
#3	.0049121	.0040629	33.50053	.1132903	.0764963	.1390550	148.2288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.007482	27.20904	.1177420	-.002574	1.793294	.3533292	.6679028
Stddev	.005479	.08225	.0007269	.000259	.344297	.0029811	.0034138
%RSD	.1367151	.3022774	.6173843	10.06048	19.19915	.8437118	.5111196

#1	4.012488	27.17113	.1173424	-.002721	1.927850	.3555286	.6640117
#2	4.001630	27.30340	.1173026	-.002275	1.402038	.3545227	.6693020
#3	4.008329	27.15257	.1185811	-.002727	2.049994	.3499363	.6703947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.959010	4.985171	-.004835	-.000128	2.649412	11.51344	-.000792
Stddev	.051522	.013382	.002141	.000228	.005237	.05592	.000946
%RSD	.8646063	.2684358	44.28087	177.7660	.1976665	.4856761	119.4553

#1	5.927017	4.987706	-.002846	-.000281	2.654386	11.44908	-.001789
#2	6.018445	4.970703	-.007101	-.000237	2.649904	11.55009	-.000681
#3	5.931570	4.997104	-.004557	.000134	2.643947	11.54115	.000093

Sample Name: K5890-19 Acquired: 11/26/2019 16:09:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.898660	.0439928	.3165953
Stddev	.027633	.0017191	.0007160
%RSD	.4005538	3.907660	.2261556

#1	6.914016	.0445595	.3166189
#2	6.915204	.0453570	.3172992
#3	6.866760	.0420619	.3158678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.232	4204.202	61060.94	8272.370	4384.545
Stddev	15.107	1.917	339.18	42.547	9.730
%RSD	.7289995	.0455897	.5554732	.5143254	.2219123

#1	2072.119	4206.415	61070.25	8300.990	4389.772
#2	2057.183	4203.087	60717.20	8223.478	4390.543
#3	2087.395	4203.104	61395.36	8292.642	4373.318

Sample Name: K5890-20 Acquired: 11/26/2019 16:13:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145624	.0140584	.0670606	-.027205	-.000270	68.66938	1.181073
Stddev	.0020872	.0004398	.0035858	.001324	.001413	.26967	.002042
%RSD	14.33258	3.128714	5.347144	4.865007	524.1167	.3927147	.1728754

#1	.0143674	.0140900	.0630307	-.028709	.000458	68.49403	1.183324
#2	.0167402	.0144816	.0698991	-.026220	.000631	68.53421	1.180556
#3	.0125796	.0136036	.0682519	-.026684	-.001898	68.97991	1.179340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047339	.0034751	34.15261	.1085962	.0808294	.1104784	150.2841
Stddev	.0001272	.0000507	.09817	.0001019	.0005958	.0012548	.2773
%RSD	2.687245	1.459204	.2874404	.0938558	.7371610	1.135795	.1845071

#1	.0047332	.0035321	34.23232	.1085145	.0814633	.1119273	150.0583
#2	.0048614	.0034350	34.18255	.1085636	.0802808	.1097485	150.2004
#3	.0046070	.0034582	34.04296	.1087104	.0807441	.1097594	150.5936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.653912	28.93962	.1254239	-.002414	1.939765	.3505731	.6630935
Stddev	.004779	.05953	.0007227	.000045	.162956	.0067417	.0051834
%RSD	.1307797	.2057191	.5762196	1.855577	8.400807	1.923038	.7817042

#1	3.652177	28.89441	.1258098	-.002385	2.052305	.3428959	.6640051
#2	3.659315	28.91738	.1245901	-.002465	1.752897	.3532962	.6575148
#3	3.650242	29.00707	.1258717	-.002391	2.014092	.3555273	.6677607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.903254	5.274415	-.014328	.0000228	1.401423	5.945376	-.003068
Stddev	.047346	.012414	.001504	.0001661	.005580	.014099	.001779
%RSD	.8020269	.2353696	10.49618	728.5085	.3981799	.2371354	57.98287

#1	5.934169	5.270317	-.013965	-.000168	1.397390	5.956792	-.001524
#2	5.848748	5.264568	-.013039	.000135	1.407792	5.929617	-.002667
#3	5.926846	5.288360	-.015980	.000101	1.399088	5.949719	-.005014

Sample Name: K5890-20 Acquired: 11/26/2019 16:13:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLQ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.171659	.0450738	.3258818
Stddev	.042031	.0012000	.0011593
%RSD	.5860665	2.662191	.3557393

#1	7.178910	.0440633	.3257302
#2	7.209592	.0464001	.3271095
#3	7.126474	.0447580	.3248058

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.161	4156.143	60601.81	8190.104	4360.372
Stddev	6.230	13.002	91.46	26.316	14.097
%RSD	.3010653	.3128466	.1509156	.3213132	.3232944

#1	2062.005	4160.394	60617.97	8196.419	4370.023
#2	2072.108	4166.489	60684.11	8161.205	4366.898
#3	2073.371	4141.548	60503.35	8212.687	4344.195

Sample Name: K5890-21 Acquired: 11/26/2019 16:17:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128752	.0140712	.0708284	-.024135	-.002202	63.95993	1.061333
Stddev	.0020730	.0012524	.0013539	.003676	.003272	.24320	.001965
%RSD	16.10062	8.900315	1.911499	15.23064	148.6017	.3802447	.1851407

#1	.0109854	.0149632	.0720941	-.027406	.001382	63.68007	1.059350
#2	.0125477	.0146109	.0694009	-.020157	-.005028	64.12007	1.063279
#3	.0150924	.0126394	.0709902	-.024843	-.002959	64.07965	1.061372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048005	.0032289	33.50608	.1079988	.0809153	.0972463	152.7472
Stddev	.0000206	.0001642	.11901	.0007679	.0002237	.0009564	.7747
%RSD	.4296016	5.084456	.3552041	.7110563	.2764866	.9834576	.5072066

#1	.0048104	.0033682	33.37209	.1088131	.0810477	.0965818	151.8527
#2	.0048143	.0030479	33.54666	.1078958	.0806570	.0983425	153.1821
#3	.0047768	.0032706	33.59950	.1072876	.0810412	.0968147	153.2068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.450835	29.99038	.1365175	-.002597	1.787884	.3848948	.6723964
Stddev	.016362	.01393	.0010888	.000171	.187441	.0044558	.0075255
%RSD	.3676119	.0464531	.7975353	6.591667	10.48395	1.157672	1.119205

#1	4.432360	29.97429	.1356771	-.002779	1.578858	.3804517	.6648227
#2	4.456650	29.99841	.1377475	-.002573	1.843764	.3848696	.6724938
#3	4.463496	29.99844	.1361280	-.002439	1.941029	.3893632	.6798728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.550275	5.552125	-.010136	.0004288	.7228604	4.120465	-.002579
Stddev	.021029	.016376	.006706	.0002235	.0045191	.021035	.001806
%RSD	.3788755	.2949530	66.15912	52.10782	.6251733	.5105088	70.03584

#1	5.570517	5.557705	-.016213	.0003016	.7187192	4.136929	-.004568
#2	5.528540	5.533688	-.011252	.0002981	.7221813	4.127700	-.002125
#3	5.551767	5.564981	-.002942	.0006869	.7276806	4.096767	-.001043

Sample Name: K5890-21 Acquired: 11/26/2019 16:17:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.141330	.0428344	.3121822
Stddev	.036818	.0018199	.0004702
%RSD	.5155648	4.248686	.1506113

#1	7.178725	.0409394	.3126352
#2	7.105117	.0429954	.3116966
#3	7.140150	.0445685	.3122148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.003	4138.191	59890.92	8108.182	4365.079
Stddev	14.132	14.561	173.59	43.886	11.813
%RSD	.6947899	.3518800	.2898458	.5412619	.2706221

#1	2044.510	4148.505	60012.31	8061.741	4377.857
#2	2017.937	4144.535	59692.08	8113.840	4362.821
#3	2039.563	4121.534	59968.36	8148.965	4354.557

Sample Name: K5890-22 Acquired: 11/26/2019 16:21:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147384	.0143238	.0620734	-.026437	-.002318	63.30481	1.076237
Stddev	.0052688	.0022367	.0012552	.001573	.000828	.22321	.001895
%RSD	35.74857	15.61522	2.022152	5.949449	35.70839	.3526021	.1760320

#1	.0141600	.0154630	.0627096	-.024911	-.003130	63.16334	1.078026
#2	.0202726	.0157616	.0606275	-.028053	-.001476	63.18895	1.074252
#3	.0097827	.0117468	.0628832	-.026348	-.002348	63.56213	1.076431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045154	.0032984	31.47598	.1065597	.0856759	.0865669	152.3202
Stddev	.0001325	.0000467	.05515	.0011308	.0000706	.0021605	.3254
%RSD	2.934241	1.414552	.1752249	1.061225	.0823709	2.495748	.2136449

#1	.0043626	.0033472	31.46690	.1076738	.0857567	.0842354	151.9617
#2	.0045983	.0032938	31.53511	.1054128	.0856262	.0869638	152.5969
#3	.0045854	.0032542	31.42593	.1065925	.0856448	.0885013	152.4022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108115	29.91506	.1377365	-.002521	2.006776	.3562010	.7524866
Stddev	.010026	.01865	.0004702	.000079	.159905	.0028436	.0092327
%RSD	.3225906	.0623289	.3413596	3.117191	7.968243	.7983073	1.226957

#1	3.099104	29.92206	.1379329	-.002507	1.899252	.3589681	.7530145
#2	3.118916	29.92918	.1380766	-.002606	2.190532	.3532867	.7614440
#3	3.106323	29.89392	.1372000	-.002451	1.930543	.3563481	.7430013

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.747272	5.275080	-.011741	-.000422	.6878870	2.759398	-.001822
Stddev	.109639	.004438	.004131	.000363	.0091391	.025280	.000635
%RSD	1.907674	.0841406	35.18149	86.04963	1.328580	.9161373	34.87742

#1	5.721429	5.270644	-.015410	-.000026	.6967935	2.776136	-.001872
#2	5.652863	5.279521	-.012547	-.000499	.6785318	2.771740	-.002430
#3	5.867525	5.275077	-.007267	-.000740	.6883357	2.730318	-.001163

Sample Name: K5890-22 Acquired: 11/26/2019 16:21:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.387975	.0452633	.3047911
Stddev	.006686	.0001794	.0008184
%RSD	.0904958	.3962286	.2685175

#1	7.395270	.0451513	.3041682
#2	7.386515	.0454702	.3044871
#3	7.382139	.0451684	.3057180

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.922	4161.071	60046.08	8100.199	4359.526
Stddev	14.704	1.947	142.19	56.802	8.695
%RSD	.7204538	.0467827	.2367950	.7012445	.1994462

#1	2031.029	4161.363	60025.76	8052.247	4369.530
#2	2033.919	4162.855	59915.16	8085.420	4355.260
#3	2057.818	4158.994	60197.34	8162.930	4353.788

Sample Name: K5892-04 Acquired: 11/26/2019 16:25:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160779	.0165750	.0720662	-.026482	-.001289	75.37364	1.084991
Stddev	.0063154	.0022605	.0008574	.002959	.001755	.33940	.005551
%RSD	39.27983	13.63817	1.189668	11.17552	136.1253	.4502945	.5116445

#1	.0193986	.0173928	.0730547	-.028304	-.001017	75.29091	1.085009
#2	.0200401	.0183127	.0716186	-.028074	-.003164	75.74676	1.090534
#3	.0087949	.0140193	.0715254	-.023067	.000314	75.08324	1.079431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049060	.0035648	36.47130	.1259634	.0829558	.1114006	164.6530
Stddev	.0000861	.0001915	.14869	.0009766	.0000996	.0008901	.6490
%RSD	1.754945	5.372921	.4077035	.7753441	.1200334	.7990376	.3941926

#1	.0048397	.0037290	36.49281	.1255995	.0830252	.1104206	165.1044
#2	.0050033	.0033544	36.60807	.1252209	.0830004	.1116221	164.9454
#3	.0048749	.0036109	36.31302	.1270698	.0828417	.1121590	163.9092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.346143	31.11430	.1396888	-.002637	2.043014	.4206836	.6987912
Stddev	.018322	.08709	.0003923	.000054	.193843	.0038058	.0052182
%RSD	.4215735	.2799027	.2808346	2.058132	9.488088	.9046814	.7467528

#1	4.359228	31.09677	.1394879	-.002671	1.819746	.4229635	.7002120
#2	4.353997	31.20882	.1394376	-.002665	2.168390	.4227974	.7031519
#3	4.325203	31.03731	.1401408	-.002574	2.140905	.4162901	.6930097

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.983153	5.524005	-.013742	.0001385	.8755687	3.927306	.0059573
Stddev	.067583	.058574	.003945	.0001699	.0138182	.023786	.0011293
%RSD	1.129559	1.060360	28.70823	122.6845	1.578193	.6056481	18.95605

#1	5.905136	5.456562	-.010876	.0003217	.8627218	3.947364	.0048011
#2	6.020575	5.562151	-.012108	-.000014	.8901873	3.901029	.0070575
#3	6.023747	5.553300	-.018241	.000108	.8737970	3.933526	.0060134

Sample Name: K5892-04 Acquired: 11/26/2019 16:25:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.434054	.0487695	.3434790
Stddev	.021177	.0003539	.0006602
%RSD	.2510902	.7255952	.1922149

#1	8.409650	.0487706	.3427319
#2	8.444911	.0491228	.3437210
#3	8.447601	.0484150	.3439840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.143	4136.565	59675.62	8064.744	4340.690
Stddev	12.630	14.482	276.44	6.827	9.998
%RSD	.6202682	.3501029	.4632342	.0846554	.2303246

#1	2046.213	4147.002	59898.92	8057.292	4346.429
#2	2040.243	4142.663	59761.50	8066.242	4346.495
#3	2021.972	4120.031	59366.43	8070.697	4329.146

Sample Name: K5892-05 Acquired: 11/26/2019 16:29:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104449	.0136277	.0407113	-.020270	-.001944	43.87568	.5461540
Stddev	.0015717	.0027402	.0022244	.003738	.002193	.07091	.0024346
%RSD	15.04760	20.10744	5.463784	18.44270	112.7917	.1616266	.4457769

#1	.0121894	.0141965	.0407431	-.023378	-.004433	43.93924	.5467187
#2	.0091394	.0160389	.0384712	-.016122	-.000298	43.79919	.5434866
#3	.0100059	.0106478	.0429196	-.021311	-.001101	43.88862	.5482567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034676	.0016638	26.14754	.0885574	.0603774	.0520702	125.1832
Stddev	.0001022	.0000312	.07060	.0006106	.0002998	.0014792	.3280
%RSD	2.947292	1.876278	.2699959	.6894637	.4966054	2.840787	.2619872

#1	.0034822	.0016895	26.13698	.0878524	.0606223	.0511433	125.0370
#2	.0033588	.0016729	26.08282	.0889173	.0600430	.0512913	124.9537
#3	.0035616	.0016291	26.22283	.0889025	.0604669	.0537761	125.5588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.356455	23.63368	.1132263	-.002329	1.701867	.3306216	.4968516
Stddev	.010137	.11688	.0005661	.000229	.350238	.0035696	.0064182
%RSD	.4301660	.4945612	.4999791	9.848146	20.57965	1.079669	1.291783

#1	2.357511	23.60091	.1132932	-.002358	1.975644	.3345259	.5003186
#2	2.345832	23.53667	.1126297	-.002542	1.822760	.3275251	.4894454
#3	2.366023	23.76345	.1137559	-.002086	1.307196	.3298139	.5007906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.993696	4.491695	-.013762	-.000196	.1496802	5.530172	-.002772
Stddev	.029931	.008346	.002694	.000207	.0053939	.034656	.001500
%RSD	.9997856	.1858109	19.57557	105.8413	3.603589	.6266690	54.09718

#1	2.997136	4.483134	-.015917	-.000032	.1489309	5.560614	-.001140
#2	2.962193	4.499808	-.010742	-.000127	.1554095	5.492457	-.003087
#3	3.021757	4.492143	-.014627	-.000428	.1447001	5.537445	-.004089

Sample Name: K5892-05 Acquired: 11/26/2019 16:29:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.797188	.0289785	.1957535
Stddev	.022220	.0011616	.0002821
%RSD	.3269067	4.008595	.1441196

#1	6.775490	.0293865	.1957198
#2	6.796178	.0276679	.1954898
#3	6.819896	.0298811	.1960510

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.957	4078.015	58759.67	7870.506	4416.953
Stddev	4.533	2.028	297.22	8.430	6.944
%RSD	.2251906	.0497405	.5058242	.1071047	.1572024

#1	2010.428	4075.944	58651.84	7866.985	4414.359
#2	2010.253	4078.104	58531.43	7864.407	4424.820
#3	2018.190	4079.998	59095.76	7880.125	4411.679

Sample Name: K5892-06 Acquired: 11/26/2019 16:33:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217317	.0143640	.0577821	-.022091	-.002000	64.97287	.8741929
Stddev	.0004483	.0017046	.0023283	.004007	.001791	.26958	.0012170
%RSD	2.062924	11.86696	4.029435	18.13753	89.52848	.4149110	.1392153

#1	.0212147	.0124443	.0579910	-.025056	.000046	64.67522	.8734073
#2	.0219680	.0157000	.0599989	-.023684	-.002766	65.20059	.8755948
#3	.0220124	.0149478	.0553564	-.017532	-.003281	65.04281	.8735767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044931	.0035336	32.46192	.1056770	.0727751	.1014894	143.7395
Stddev	.0001000	.0000783	.07259	.0005905	.0002232	.0022429	.5145
%RSD	2.225271	2.216758	.2236224	.5587572	.3067453	2.209946	.3579398

#1	.0045240	.0034600	32.39995	.1055212	.0725204	.1040768	143.1476
#2	.0043813	.0035249	32.44403	.1051801	.0729365	.1000983	144.0801
#3	.0045740	.0036159	32.54179	.1063298	.0728685	.1002931	143.9907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.121367	26.25805	.1204822	-.002574	2.019442	.3410229	.6425057
Stddev	.017032	.15461	.0002217	.000225	.102985	.0055647	.0061527
%RSD	.4132694	.5888088	.1840133	8.739048	5.099658	1.631765	.9576021

#1	4.105310	26.12913	.1206099	-.002778	1.951639	.3358330	.6359955
#2	4.119560	26.21554	.1206106	-.002333	2.137947	.3468988	.6482242
#3	4.139231	26.42946	.1202262	-.002612	1.968738	.3403370	.6432973

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.886699	4.663784	-.011524	.0000548	1.445486	3.332871	-.002152
Stddev	.148255	.018738	.003426	.0003755	.007023	.032546	.000709
%RSD	3.033840	.4017854	29.72527	685.6066	.4858766	.9765091	32.92197

#1	4.739317	4.647466	-.014904	.0002987	1.448574	3.369581	-.001336
#2	5.035811	4.659638	-.011614	.0002433	1.437447	3.321483	-.002513
#3	4.884970	4.684248	-.008054	-.000378	1.450435	3.307550	-.002608

Sample Name: K5892-06 Acquired: 11/26/2019 16:33:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.857704	.0385515	.2814892
Stddev	.034071	.0020200	.0003688
%RSD	.4968270	5.239864	.1310202

#1	6.893369	.0405204	.2818061
#2	6.854253	.0364839	.2815771
#3	6.825490	.0386501	.2810844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.683	4136.341	59644.53	8092.917	4375.154
Stddev	6.508	5.796	68.58	52.469	3.944
%RSD	.3189109	.1401249	.1149743	.6483385	.0901375

#1	2041.672	4141.631	59717.17	8032.331	4379.342
#2	2033.737	4137.247	59580.91	8123.343	4371.512
#3	2046.640	4130.145	59635.51	8123.078	4374.609

Sample Name: K5892-07 Acquired: 11/26/2019 16:37:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160818	.0135189	.0623973	-.032002	-.000507	72.50022	1.018014
Stddev	.0022606	.0002529	.0008196	.001856	.002193	2.95694	.038640
%RSD	14.05671	1.870899	1.313556	5.800220	432.4798	4.078521	3.795608

#1	.0173153	.0133724	.0623895	-.033369	-.002008	69.09437	.973430
#2	.0174574	.0133733	.0615817	-.029889	.002010	73.99433	1.041818
#3	.0134728	.0138109	.0632209	-.032749	-.001523	74.41196	1.038792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047121	.0033096	35.04362	.1154102	.0830081	.0933647	157.5338
Stddev	.0001283	.0002349	1.35971	.0004132	.0004432	.0050697	6.0607
%RSD	2.721920	7.099034	3.880057	.3580587	.5339218	5.430002	3.847217

#1	.0046199	.0035688	33.48023	.1158874	.0835198	.0875178	150.5433
#2	.0048586	.0031106	35.95054	.1151727	.0827472	.0960395	161.3157
#3	.0046579	.0032495	35.70008	.1151705	.0827571	.0965368	160.7422

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.879671	30.57395	.1379308	-.003167	2.303707	.3791999	.6550134
Stddev	.151037	1.13118	.0008534	.000156	.372964	.0151560	.0144637
%RSD	3.893031	3.699803	.6187175	4.916226	16.18975	3.996843	2.208147

#1	3.706092	29.26789	.1369501	-.003243	2.593907	.3618727	.6398701
#2	3.981117	31.24134	.1385043	-.002988	1.883034	.3899924	.6564850
#3	3.951805	31.21262	.1383381	-.003270	2.434180	.3857344	.6686849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.717820	5.329427	-.014885	.0003307	.7137382	3.965954	-.003576
Stddev	.265853	.004782	.002153	.0005632	.0046964	.108651	.000711
%RSD	4.649557	.0897247	14.46734	170.3129	.6579963	2.739601	19.89417

#1	5.412903	5.330241	-.016860	-.000160	.7087332	3.841038	-.003800
#2	5.839500	5.324291	-.015205	.000946	.7144328	4.038513	-.004148
#3	5.901056	5.333750	-.012589	.000207	.7180486	4.018312	-.002779

Sample Name: K5892-07 Acquired: 11/26/2019 16:37:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.831532	.0500686	.3413467
Stddev	.296166	.0026748	.0124203
%RSD	3.781708	5.342256	3.638614

#1	7.508308	.0471699	.3271705
#2	8.089884	.0505947	.3503166
#3	7.896404	.0524413	.3465529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.966	4134.006	59943.24	8200.450	4336.303
Stddev	18.110	8.366	263.15	221.363	6.414
%RSD	.8851778	.2023647	.4389924	2.699395	.1479048

#1	2061.112	4143.217	60179.58	8455.708	4341.983
#2	2050.880	4126.881	59990.47	8061.250	4337.578
#3	2025.905	4131.920	59659.68	8084.393	4329.347

Sample Name: K5892-09 Acquired: 11/26/2019 16:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122249	.0167121	.0478545	-.027551	-.001274	63.51563	.9858124
Stddev	.0017988	.0010402	.0007165	.005336	.002544	.50595	.0032162
%RSD	14.71430	6.223997	1.497180	19.36947	199.7303	.7965747	.3262445

#1	.0112294	.0177700	.0476228	-.025250	-.003873	63.58705	.9831545
#2	.0143014	.0166757	.0486582	-.023750	-.001161	63.98208	.9893875
#3	.0111439	.0156906	.0472826	-.033651	.001212	62.97776	.9848952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044566	.0026287	33.63939	.1101936	.0775855	.0726923	159.0672
Stddev	.0000649	.0001003	.07102	.0006832	.0001387	.0036192	.8522
%RSD	1.456278	3.816115	.2111329	.6200377	.1787119	4.978760	.5357779

#1	.0044005	.0027342	33.59028	.1098439	.0777446	.0768698	158.6298
#2	.0044416	.0026175	33.72083	.1109809	.0774899	.0705019	160.0493
#3	.0045276	.0025345	33.60707	.1097560	.0775221	.0707054	158.5224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.766704	28.40062	.1269529	-.002772	2.212195	.4014732	.6413040
Stddev	.011565	.16352	.0006567	.000293	.223997	.0044376	.0030446
%RSD	.4179972	.5757496	.5172817	10.56382	10.12554	1.105327	.4747441

#1	2.757912	28.33713	.1273140	-.003088	2.277562	.4042531	.6415328
#2	2.779805	28.58636	.1273498	-.002721	2.396238	.4038110	.6442276
#3	2.762396	28.27837	.1261949	-.002509	1.962787	.3963555	.6381514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.114221	5.643655	-.014778	-.000002	.4450426	3.146261	-.005015
Stddev	.105985	.012323	.001364	.000051	.0025836	.016227	.001167
%RSD	2.072357	.2183560	9.232739	2489.927	.5805408	.5157535	23.26776

#1	5.125346	5.639382	-.016157	.000025	.4441107	3.149731	-.004858
#2	5.214204	5.657546	-.014747	.000030	.4479630	3.160472	-.003934
#3	5.003112	5.634037	-.013429	-.000061	.4430543	3.128579	-.006252

Sample Name: K5892-09 Acquired: 11/26/2019 16:45:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.564835	.0428871	.3177067
Stddev	.039224	.0015928	.0005524
%RSD	.4579665	3.713995	.1738811

#1	8.538060	.0411202	.3173687
#2	8.546587	.0433282	.3183443
#3	8.609859	.0442129	.3174073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.212	4133.817	59817.61	8135.600	4373.016
Stddev	2.326	3.146	176.54	25.132	2.652
%RSD	.1141685	.0760951	.2951234	.3089117	.0606350

#1	2038.137	4134.203	59896.88	8124.744	4373.703
#2	2038.932	4136.752	59615.34	8117.720	4375.257
#3	2034.566	4130.496	59940.62	8164.335	4370.089

Sample Name: K5892-08 Acquired: 11/26/2019 16:41:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154947	.0130184	.0542045	-.023071	-.002119	66.72598	.9813963
Stddev	.0030943	.0009997	.0010155	.004492	.002181	.17084	.0021259
%RSD	19.97014	7.679054	1.873435	19.47171	102.9241	.2560352	.2166155

#1	.0169562	.0128077	.0552330	-.026429	-.004556	66.53383	.9792059
#2	.0119404	.0141066	.0532025	-.017968	-.001453	66.78335	.9834512
#3	.0175876	.0121409	.0541781	-.024816	-.000349	66.86075	.9815318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044795	.0029423	33.79544	.1171146	.0806838	.0835999	153.4166
Stddev	.0000328	.0000950	.03840	.0006133	.0006056	.0019066	.5111
%RSD	.7326388	3.229809	.1136312	.5236862	.7506122	2.280677	.3331204

#1	.0044761	.0028457	33.75597	.1165507	.0801320	.0857557	152.8560
#2	.0045138	.0029457	33.83268	.1177676	.0805875	.0829086	153.8567
#3	.0044484	.0030357	33.79765	.1170256	.0813317	.0821353	153.5369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.555203	29.96053	.1386212	-.002653	2.076268	.3858561	.6289033
Stddev	.006389	.06065	.0005491	.000405	.069588	.0026687	.0054258
%RSD	.1797075	.2024440	.3961006	15.26111	3.351607	.6916193	.8627386

#1	3.554699	29.89576	.1381177	-.003115	2.107875	.3840482	.6328260
#2	3.561829	29.96984	.1385391	-.002360	2.124444	.3889211	.6311727
#3	3.549081	30.01599	.1392067	-.002485	1.996486	.3845989	.6227113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.290359	5.213680	-.014048	.0002105	.5539615	1.869079	-.001722
Stddev	.093810	.013438	.003789	.0002776	.0072551	.017259	.000939
%RSD	1.773227	.2577511	26.96981	131.8757	1.309681	.9233985	54.50940

#1	5.383544	5.219901	-.016853	.0005223	.5538210	1.876372	-.000667
#2	5.291596	5.198259	-.015551	-.000010	.5467777	1.881495	-.002034
#3	5.195936	5.222881	-.009738	.000119	.5612859	1.849371	-.002465

Sample Name: K5892-08 Acquired: 11/26/2019 16:41:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.899041	.0449055	.3450489
Stddev	.038045	.0015239	.0005265
%RSD	.4816430	3.393538	.1525934

#1	7.931994	.0458339	.3453566
#2	7.907723	.0457358	.3453492
#3	7.857405	.0431468	.3444410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2070.542	4140.385	60382.59	8112.539	4360.763
Stddev	18.879	7.487	235.46	34.732	3.626
%RSD	.9117946	.1808175	.3899438	.4281289	.0831454

#1	2051.101	4140.063	60112.56	8078.319	4361.500
#2	2071.722	4133.064	60490.13	8111.537	4363.963
#3	2088.804	4148.027	60545.07	8147.762	4356.825

Sample Name: K5892-11 Acquired: 11/26/2019 16:53:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069893	.0131446	.0425753	-.019367	-.002408	48.80250	.6692383
Stddev	.0026024	.0028784	.0015693	.002619	.001053	.28471	.0019914
%RSD	37.23396	21.89842	3.685865	13.52388	43.71801	.5833879	.2975649

#1	.0090379	.0164508	.0442433	-.019674	-.003360	48.66502	.6674812
#2	.0040611	.0117870	.0423545	-.016608	-.002586	49.12986	.6714014
#3	.0078688	.0111960	.0411282	-.021819	-.001278	48.61262	.6688323

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035240	.0022242	29.13822	.0982432	.0665377	.0560313	133.2062
Stddev	.0000776	.0000917	.05301	.0009962	.0005183	.0029416	.6284
%RSD	2.202769	4.124274	.1819387	1.014066	.7789940	5.249923	.4717132

#1	.0035824	.0023000	29.07762	.0990004	.0671348	.0527088	132.6013
#2	.0035537	.0021223	29.16103	.0971146	.0662737	.0583040	133.8556
#3	.0034359	.0022504	29.17602	.0986145	.0662045	.0570810	133.1617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.440970	25.17160	.1184116	-.002370	1.856298	.3757459	.5248182
Stddev	.009734	.11862	.0001416	.000345	.427453	.0007422	.0077537
%RSD	.3987651	.4712621	.1196016	14.54814	23.02716	.1975330	1.477414

#1	2.430116	25.10441	.1185704	-.002632	1.580241	.3749169	.5189960
#2	2.448923	25.30857	.1183659	-.001980	2.348671	.3759722	.5336197
#3	2.443873	25.10183	.1182985	-.002498	1.639981	.3763487	.5218389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.677536	5.140030	-.019827	-.000271	.2428127	5.885450	-.002773
Stddev	.059198	.007107	.000595	.000097	.0056588	.032116	.000321
%RSD	1.609715	.1382613	2.998477	35.97700	2.330532	.5456933	11.57382

#1	3.626536	5.135292	-.019953	-.000353	.2460468	5.853230	-.003139
#2	3.663622	5.148202	-.020348	-.000295	.2461127	5.917462	-.002543
#3	3.742452	5.136596	-.019180	-.000163	.2362785	5.885657	-.002636

Sample Name: K5892-11 Acquired: 11/26/2019 16:53:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.137848	.0325898	.2437477
Stddev	.040035	.0004932	.0004335
%RSD	.4919628	1.513341	.1778296

#1	8.130771	.0330968	.2436845
#2	8.101824	.0321116	.2433493
#3	8.180950	.0325609	.2442092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.660	4089.587	59542.58	7982.990	4383.918
Stddev	5.739	9.776	151.86	6.459	7.548
%RSD	.2824563	.2390475	.2550522	.0809107	.1721813

#1	2038.218	4078.694	59702.78	7988.192	4375.242
#2	2027.561	4097.598	59524.23	7975.760	4387.541
#3	2029.199	4092.470	59400.72	7985.017	4388.972

Sample Name: K5892-12 Acquired: 11/26/2019 16:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070646	.0207997	.0874593	-.037486	-.000618	96.96232	1.333307
Stddev	.0040852	.0006890	.0015815	.001680	.000593	1.01713	.007950
%RSD	57.82701	3.312736	1.808225	4.480816	96.02940	1.048998	.5962550

#1	.0079054	.0202270	.0857102	-.036498	-.001084	97.35702	1.337050
#2	.0026244	.0215644	.0887884	-.036536	-.000819	97.72295	1.338694
#3	.0106640	.0206077	.0878792	-.039426	.000050	95.80700	1.324176

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064297	.0047882	42.82959	.1504300	.1081351	.1403799	202.6657
Stddev	.0001373	.0001487	.26622	.0004869	.0002287	.0016264	1.7850
%RSD	2.136064	3.105334	.6215692	.3237015	.2114833	1.158539	.8807645

#1	.0065127	.0048268	42.90314	.1508000	.1080867	.1420515	202.9460
#2	.0065053	.0046240	43.05130	.1498783	.1083841	.1402852	204.2939
#3	.0062712	.0049138	42.53433	.1506116	.1079344	.1388030	200.7571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.130782	37.03764	.1604709	-.003635	2.657996	.4775599	.8402561
Stddev	.021460	.38562	.0002064	.000267	.250036	.0068398	.0152527
%RSD	.6854543	1.041166	.1286038	7.344624	9.406934	1.432249	1.815249

#1	3.134052	37.11177	.1602390	-.003651	2.615174	.4767962	.8453001
#2	3.150419	37.38081	.1605392	-.003360	2.926678	.4847496	.8523479
#3	3.107874	36.62033	.1606343	-.003893	2.432137	.4711340	.8231202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.346261	6.518701	-.026046	-.000376	1.369332	5.228725	-.006429
Stddev	.052038	.016084	.004871	.000369	.007773	.058902	.001086
%RSD	.7083671	.2467286	18.70224	98.31217	.5676695	1.126512	16.89501

#1	7.397381	6.511243	-.020652	-.000202	1.362555	5.205852	-.007559
#2	7.348051	6.537159	-.030124	-.000125	1.377817	5.295634	-.006335
#3	7.293350	6.507699	-.027360	-.000800	1.367623	5.184691	-.005393

Sample Name: K5892-12 Acquired: 11/26/2019 16:57:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	10.45632	.0590234	.4393507
Stddev	.11796	.0013721	.0013646
%RSD	1.128106	2.324658	.3106006

#1	10.36426	.0600844	.4380789
#2	10.41541	.0574739	.4391809
#3	10.58929	.0595118	.4407922

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.464	4185.945	60209.06	8181.329	4279.687
Stddev	14.301	6.682	267.04	2.932	9.293
%RSD	.6910432	.1596407	.4435223	.0358368	.2171442

#1	2055.502	4192.468	59955.74	8182.324	4290.223
#2	2068.809	4179.114	60487.98	8183.633	4276.183
#3	2084.081	4186.252	60183.47	8178.028	4272.656

Sample Name: K5892-10 Acquired: 11/26/2019 16:49:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015064	.0216101	.0491935	-.033711	-.004055	52.64387	.6353649
Stddev	.0059151	.0023189	.0012376	.002917	.001492	.45817	.0022841
%RSD	392.6754	10.73061	2.515713	8.653621	36.80387	.8703218	.3594948

#1	-.004529	.0198715	.0480045	-.036412	-.005694	52.40260	.6346823
#2	.001754	.0242430	.0491015	-.034104	-.003696	53.17226	.6379124
#3	.007294	.0207158	.0504745	-.030617	-.002775	52.35676	.6334998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044183	.0029673	31.89095	.1652799	.0792950	.0711847	194.3626
Stddev	.0001462	.0000413	.01046	.0006966	.0002927	.0009540	.7988
%RSD	3.308890	1.392655	.0328051	.4214739	.3691333	1.340117	.4109964

#1	.0042829	.0030147	31.88343	.1644881	.0796326	.0722828	194.1232
#2	.0045733	.0029385	31.90290	.1657984	.0791409	.0705612	195.2537
#3	.0043988	.0029489	31.88654	.1655533	.0791116	.0707100	193.7108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.196098	27.31005	.1434122	-.003410	1.826132	.7169046	.6291342
Stddev	.004666	.18500	.0004439	.000252	.117057	.0111503	.0062342
%RSD	.2124629	.6774191	.3095282	7.375918	6.410130	1.555345	.9909123

#1	2.193374	27.14088	.1429195	-.003260	1.696554	.7095682	.6228026
#2	2.201485	27.50761	.1437809	-.003269	1.857611	.7297360	.6352662
#3	2.193434	27.28167	.1435361	-.003700	1.924231	.7114097	.6293338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.307915	6.492848	-.024033	-.000065	.5143427	7.419141	-.009333
Stddev	.033286	.034305	.005034	.000182	.0051908	.096015	.001946
%RSD	1.006242	.5283458	20.94868	279.4270	1.009200	1.294152	20.85429

#1	3.331601	6.531201	-.021740	-.000269	.5201957	7.323509	-.011438
#2	3.322286	6.465092	-.020552	.000082	.5102979	7.418378	-.008965
#3	3.269858	6.482251	-.029805	-.000009	.5125345	7.515535	-.007598

Sample Name: K5892-10 Acquired: 11/26/2019 16:49:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLR8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	13.49847	.0305766	.2307830
Stddev	.11158	.0005661	.0005525
%RSD	.8266161	1.851477	.2394167

#1	13.56541	.0307090	.2312664
#2	13.36966	.0299560	.2301807
#3	13.56034	.0310648	.2309020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.779	4117.443	59530.69	8096.241	4348.989
Stddev	12.637	5.502	144.03	35.603	6.186
%RSD	.6171315	.1336270	.2419372	.4397469	.1422334

#1	2061.043	4118.685	59499.51	8134.150	4347.227
#2	2035.879	4122.218	59404.80	8091.063	4355.864
#3	2046.415	4111.426	59687.75	8063.511	4343.875

Sample Name: CCV076 Acquired: 11/26/2019 17:01:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.982601	5.020690	25.45623	4.932214	4.956600	398.8721	10.06565
Stddev	.004003	.006757	.01712	.021944	.010966	6.5396	.02913
%RSD	.0803345	.1345859	.0672516	.4449190	.2212379	1.639515	.2893917

#1	4.985923	5.012902	25.45993	4.952436	4.958208	399.7638	10.07737
#2	4.978157	5.024989	25.47120	4.908880	4.944919	404.9201	10.08710
#3	4.983722	5.024180	25.43756	4.935327	4.966673	391.9325	10.03249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5027309	2.527088	406.3687	15.44972	2.565494	15.32577	402.6003
Stddev	.0046478	.003988	1.6673	.04097	.006289	.02244	1.1469
%RSD	.9245192	.1578258	.4102840	.2652065	.2451382	.1463974	.2848638

#1	.5023625	2.524046	406.1483	15.46490	2.561694	15.34508	402.4748
#2	.5075520	2.525614	408.1352	15.40332	2.562035	15.33106	403.8048
#3	.4982782	2.531603	404.8225	15.48094	2.572754	15.30116	401.5214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80557	396.9578	2.528999	1.263297	392.4421	2.435984	14.44728
Stddev	.03956	1.3380	.005321	.010264	1.9856	.011861	.05960
%RSD	.2672078	.3370641	.2103957	.8124545	.5059711	.4869075	.4125059

#1	14.80921	396.6187	2.525162	1.251778	391.8733	2.438807	14.40917
#2	14.84318	398.4327	2.526763	1.271471	394.6501	2.446179	14.41672
#3	14.76431	395.8219	2.535074	1.266641	390.8030	2.422966	14.51596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.5124	5.223516	4.955080	4.939465	5.192706	4.909247	5.113727
Stddev	1.3343	.005058	.040117	.013261	.016266	.039831	.011101
%RSD	.9107013	.0968324	.8096080	.2684792	.3132407	.8113514	.2170904

#1	146.2822	5.225290	4.951063	4.934842	5.173937	4.902872	5.101396
#2	147.9468	5.217810	4.997054	4.929133	5.202692	4.951882	5.116860
#3	145.3081	5.227448	4.917122	4.954419	5.201491	4.872988	5.122926

Sample Name: CCV076 Acquired: 11/26/2019 17:01:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.162693	5.111251	5.131322
Stddev	.004852	.007642	.073655
%RSD	.0939794	.1495062	1.435405

#1	5.168288	5.116926	5.100918
#2	5.160131	5.114266	5.215312
#3	5.159658	5.102562	5.077736

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.011	3289.288	49428.98	7126.655	3455.433
Stddev	1.794	6.013	141.90	57.423	4.848
%RSD	.1126400	.1828149	.2870767	.8057462	.1403004

#1	1592.679	3292.152	49584.25	7112.468	3458.719
#2	1594.948	3293.334	49396.66	7077.656	3457.716
#3	1591.405	3282.378	49306.02	7189.842	3449.865

Sample Name: CCB076 Acquired: 11/26/2019 17:05:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003110	.0006185	.0031637	.0016859	-.002210	.0071892	.0013935
Stddev	.004247	.0007656	.0010430	.0051981	.000551	.0080526	.0007935
%RSD	136.5824	123.7669	32.96820	308.3351	24.93237	112.0094	56.94212

#1	-.003230	.0006850	.0041993	-.002286	-.002708	.0005285	.0017107
#2	-.007296	.0013487	.0031785	-.000225	-.001618	.0049009	.0019793
#3	.001196	-.000178	.0021134	.007569	-.002304	.0161383	.0004905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000509	.0000702	.0149920	.0009231	.0002372	.0035023	.0234791
Stddev	.0000330	.0000276	.0074228	.0000700	.0001537	.0027786	.0045839
%RSD	64.80664	39.33564	49.51162	7.584192	64.79031	79.33668	19.52327

#1	.0000651	.0000600	.0065864	.0010037	.0004139	.0048425	.0284205
#2	.0000745	.0000492	.0177429	.0008875	.0001347	.0053568	.0193656
#3	.0000132	.0001015	.0206466	.0008780	.0001630	.0003076	.0226513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004505	-.002192	-.000579	.0003250	.1204538	-.000485	.0024117
Stddev	.0003277	.013375	.000390	.0003369	.3601689	.000805	.0026417
%RSD	72.73633	610.0678	67.31949	103.6640	299.0100	165.8123	109.5340

#1	.0007004	.007913	-.000170	.0006955	.3602072	-.000019	.0050502
#2	.0005716	-.017360	-.000619	.0000370	-.293719	-.000023	.0024181
#3	.0000795	.002869	-.000946	.0002425	.294874	-.001414	-.000233

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210179	.0025533	.0058275	.0004633	-.000315	-.001292	-.001589
Stddev	.0556230	.0010287	.0007890	.0000734	.001962	.000635	.000873
%RSD	264.6465	40.28699	13.53885	15.85334	623.3406	49.18819	54.96793

#1	.0106657	.0036567	.0067238	.0004776	-.002535	-.000587	-.000623
#2	.0810897	.0016207	.0055209	.0005285	.001184	-.001821	-.002322
#3	-.028702	.0023826	.0052378	.0003837	.000407	-.001467	-.001821

Sample Name: CCB076 Acquired: 11/26/2019 17:05:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014626	.0026537	.0001552
Stddev	.0006827	.0023149	.0000097
%RSD	46.67981	87.23075	6.224064

#1	.0013793	.0051502	.0001573
#2	.0008253	.0005781	.0001447
#3	.0021831	.0022329	.0001636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.769	3828.942	55051.81	7311.103	4495.600
Stddev	12.303	9.430	320.02	42.687	11.048
%RSD	.6538008	.2462933	.5813149	.5838691	.2457529

#1	1868.469	3822.878	54775.97	7357.337	4482.970
#2	1892.743	3839.807	55402.68	7302.784	4503.470
#3	1884.094	3824.141	54976.78	7273.188	4500.361

Sample Name: K5892-13 Acquired: 11/26/2019 17:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061959	.0198596	.0850111	-.031786	-.000035	98.14813	1.259973
Stddev	.0021222	.0013213	.0020360	.003064	.000708	.46065	.004222
%RSD	34.25193	6.653037	2.394939	9.640025	2040.772	.4693414	.3351248

#1	.0080685	.0197719	.0826649	-.029084	.000781	98.55802	1.264412
#2	.0038907	.0185843	.0863131	-.031157	-.000494	97.64960	1.259498
#3	.0066284	.0212225	.0860554	-.035115	-.000391	98.23677	1.256008

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062122	.0049995	45.09222	.1486563	.1055160	.1478506	195.6634
Stddev	.0001236	.0001284	.16146	.0003784	.0004281	.0017618	.4321
%RSD	1.989240	2.568908	.3580711	.2545215	.4056922	1.191586	.2208508

#1	.0063485	.0048637	45.22557	.1489028	.1054523	.1462617	195.9775
#2	.0061806	.0050157	45.13838	.1482207	.1051233	.1475450	195.1706
#3	.0061074	.0051190	44.91270	.1488455	.1059723	.1497453	195.8420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.649774	35.16704	.1546438	-.003375	2.664706	.4582024	.8153142
Stddev	.004428	.09492	.0003271	.000256	.185911	.0060317	.0063804
%RSD	.1671137	.2699181	.2115234	7.574656	6.976805	1.316380	.7825700

#1	2.654175	35.27098	.1542994	-.003340	2.812946	.4651171	.8213037
#2	2.649828	35.08494	.1546817	-.003139	2.456118	.4540233	.8160349
#3	2.645319	35.14520	.1549503	-.003647	2.725054	.4554667	.8086041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.159318	6.111369	-.010155	-.000158	2.302801	11.18262	-.004944
Stddev	.094377	.013093	.001303	.000417	.013209	.04649	.001197
%RSD	1.318243	.2142427	12.82878	263.5104	.5736243	.4157629	24.21195

#1	7.267628	6.125878	-.011479	.000311	2.306031	11.22899	-.004471
#2	7.094734	6.107797	-.008874	-.000486	2.288276	11.13601	-.006305
#3	7.115592	6.100433	-.010111	-.000299	2.314096	11.18287	-.004055

Sample Name: K5892-13 Acquired: 11/26/2019 17:09:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.918315	.0582730	.4181050
Stddev	.060367	.0020123	.0012953
%RSD	.6086451	3.453283	.3098036

#1	9.865245	.0560440	.4167736
#2	9.983989	.0588190	.4193609
#3	9.905710	.0599560	.4181806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.126	4213.423	60527.47	8235.703	4312.715
Stddev	5.479	3.222	57.91	16.177	8.944
%RSD	.2635169	.0764764	.0956697	.1964205	.2073970

#1	2072.814	4210.508	60584.91	8252.633	4307.474
#2	2082.649	4216.883	60528.39	8234.074	4323.043
#3	2081.916	4212.879	60469.11	8220.403	4307.628

Sample Name: K5892-14 Acquired: 11/26/2019 17:13:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136704	.0140974	.0439779	-.023094	-.002768	54.72267	.7766920
Stddev	.0040722	.0008619	.0005502	.003571	.001144	.07736	.0028790
%RSD	29.78846	6.113507	1.251118	15.46369	41.33969	.1413601	.3706756

#1	.0115517	.0131100	.0440708	-.025587	-.001450	54.64077	.7800002
#2	.0110944	.0144839	.0444757	-.024693	-.003346	54.79449	.7747542
#3	.0183652	.0146984	.0433871	-.019003	-.003508	54.73276	.7753216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040030	.0021558	29.31633	.1056210	.0742978	.0592582	145.2594
Stddev	.0000804	.0000566	.04728	.0006968	.0003139	.0003477	.1762
%RSD	2.007114	2.626891	.1612750	.6596878	.4225374	.5867957	.1212828

#1	.0039659	.0021536	29.37084	.1063123	.0740593	.0589006	145.0752
#2	.0040952	.0022135	29.28638	.1049189	.0741805	.0592789	145.2768
#3	.0039479	.0021003	29.29178	.1056318	.0746534	.0595951	145.4262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.426668	27.01352	.1327415	-.002735	1.811248	.3766636	.5890411
Stddev	.003859	.03147	.0003508	.000316	.171847	.0017449	.0077996
%RSD	.1590147	.1164950	.2642633	11.53877	9.487762	.4632456	1.324112

#1	2.431123	27.00031	.1323425	-.003083	2.008972	.3748085	.5892304
#2	2.424529	27.04944	.1330017	-.002467	1.697888	.3769102	.5811487
#3	2.424353	26.99081	.1328802	-.002655	1.726884	.3782720	.5967443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.372778	4.697380	-.011381	-.000437	.2548764	5.151011	-.003219
Stddev	.097194	.017723	.000638	.000341	.0100921	.024149	.000289
%RSD	2.222713	.3772940	5.608976	78.07266	3.959613	.4688298	8.993210

#1	4.276472	4.702256	-.010734	-.000438	.2664354	5.135773	-.003546
#2	4.470837	4.677729	-.012010	-.000096	.2478151	5.178855	-.002998
#3	4.371026	4.712154	-.011399	-.000778	.2503786	5.138406	-.003112

Sample Name: K5892-14 Acquired: 11/26/2019 17:13:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.818505	.0406092	.2522668
Stddev	.012980	.0009493	.0001489
%RSD	.1660221	2.337781	.0590391

#1	7.822303	.0395419	.2522400
#2	7.829162	.0413595	.2524273
#3	7.804049	.0409261	.2521331

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.835	4121.531	59543.40	8017.478	4403.031
Stddev	1.760	6.731	251.58	41.786	5.005
%RSD	.0864464	.1633234	.4225125	.5211912	.1136762

#1	2035.403	4129.227	59439.76	8015.105	4403.063
#2	2034.331	4116.739	59360.21	7976.929	4398.011
#3	2037.771	4118.627	59830.25	8060.401	4408.021

Sample Name: K5892-16 Acquired: 11/26/2019 17:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134863	.0139542	.0478265	-.024442	-.003297	59.33787	1.061922
Stddev	.0004396	.0017195	.0010524	.006724	.001489	.28886	.002271
%RSD	3.259883	12.32219	2.200542	27.51073	45.17133	.4867971	.2138626

#1	.0130902	.0119700	.0480742	-.027505	-.004488	59.06557	1.059830
#2	.0139594	.0150082	.0487329	-.016732	-.001627	59.30720	1.061598
#3	.0134094	.0148844	.0466722	-.029090	-.003776	59.64083	1.064338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040623	.0028221	30.61850	.1055688	.0735546	.0694613	144.2010
Stddev	.0000940	.0001061	.03427	.0001928	.0001075	.0018632	.7665
%RSD	2.313885	3.759813	.1119382	.1826374	.1460880	2.682287	.5315605

#1	.0039790	.0029431	30.58172	.1056857	.0734305	.0700398	143.8370
#2	.0040436	.0027452	30.62423	.1056745	.0736142	.0709665	143.6842
#3	.0041642	.0027779	30.64955	.1053463	.0736190	.0673775	145.0817

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.710600	29.37867	.1308363	-.002054	2.202965	.3610417	.6959210
Stddev	.016305	.13345	.0008445	.000393	.150791	.0018070	.0069079
%RSD	.4394278	.4542305	.6454720	19.13029	6.844906	.5004880	.9926254

#1	3.707343	29.33579	.1301297	-.001609	2.291632	.3596909	.6965363
#2	3.696169	29.27193	.1317716	-.002200	2.028857	.3603400	.6887261
#3	3.728288	29.52829	.1306076	-.002354	2.288407	.3630943	.7025007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.348617	4.648157	-.016417	.0000660	.2660833	7.704938	-.004059
Stddev	.084677	.034962	.003512	.0000955	.0012317	.009582	.000931
%RSD	1.333792	.7521762	21.39025	144.6802	.4629004	.1243562	22.94443

#1	6.276886	4.608663	-.015559	.0000730	.2666709	7.713148	-.004204
#2	6.326940	4.660657	-.020278	-.000033	.2669112	7.707256	-.004909
#3	6.442026	4.675151	-.013414	.000158	.2646678	7.694410	-.003063

Sample Name: K5892-16 Acquired: 11/26/2019 17:21:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.071703	.0440945	.2950753
Stddev	.025768	.0012304	.0004414
%RSD	.3192412	2.790363	.1495736

#1	8.066180	.0447035	.2946800
#2	8.099785	.0426784	.2955515
#3	8.049144	.0449016	.2949945

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.179	4108.848	59049.53	8024.990	4376.676
Stddev	10.961	7.963	247.86	18.548	9.707
%RSD	.5383365	.1937929	.4197503	.2311326	.2217791

#1	2028.820	4111.216	59030.82	8043.664	4386.076
#2	2048.777	4115.358	59306.22	8024.736	4377.262
#3	2030.940	4099.970	58811.57	8006.570	4366.690

Sample Name: K5892-15 Acquired: 11/26/2019 17:17:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152600	.0171094	.0599017	-.026689	-.002753	65.89740	1.067221
Stddev	.0040363	.0009624	.0021352	.001522	.001328	.57694	.006253
%RSD	26.45027	5.625077	3.564456	5.702707	48.25390	.8755193	.5858802

#1	.0119964	.0174775	.0622643	-.025932	-.003776	65.32214	1.061444
#2	.0140102	.0160173	.0581099	-.028442	-.003230	66.47602	1.073860
#3	.0197734	.0178335	.0593310	-.025695	-.001252	65.89403	1.066358

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044863	.0032959	33.42686	.1110378	.0791519	.0909168	156.3779
Stddev	.0000827	.0001230	.15716	.0002793	.0006977	.0026827	.9365
%RSD	1.842497	3.732660	.4701588	.2515163	.8815044	2.950753	.5988723

#1	.0044225	.0032077	33.26611	.1113539	.0784783	.0939748	155.3710
#2	.0045797	.0032436	33.58017	.1108244	.0791059	.0889591	157.2229
#3	.0044568	.0034365	33.43430	.1109353	.0798715	.0898167	156.5396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.503412	30.82947	.1373436	-.002401	2.258006	.4059818	.7057655
Stddev	.021381	.18072	.0009810	.000177	.261551	.0029375	.0142030
%RSD	.4747832	.5861977	.7142904	7.356967	11.58328	.7235579	2.012418

#1	4.479318	30.63702	.1366950	-.002601	2.171372	.4027597	.6894049
#2	4.520124	30.99556	.1368636	-.002337	2.551882	.4085107	.7149315
#3	4.510794	30.85584	.1384722	-.002266	2.050764	.4066749	.7129600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.323315	5.291756	-.013510	.0007869	.6281807	4.527232	-.001541
Stddev	.102907	.013427	.005534	.0001225	.0042690	.019990	.000725
%RSD	1.627426	.2537312	40.95981	15.56735	.6795793	.4415611	47.01858

#1	6.218181	5.278906	-.019890	.0006975	.6274282	4.550284	-.002345
#2	6.327926	5.290668	-.010007	.0009266	.6327759	4.514667	-.000937
#3	6.423840	5.305694	-.010634	.0007368	.6243380	4.516744	-.001342

Sample Name: K5892-15 Acquired: 11/26/2019 17:17:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJLLS6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.123034	.0489977	.3025647
Stddev	.066233	.0020879	.0008682
%RSD	.8153706	4.261309	.2869389

#1	8.198096	.0505305	.3034927
#2	8.072812	.0466196	.3017724
#3	8.098194	.0498428	.3024289

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.717	4165.544	59835.36	8115.760	4384.500
Stddev	10.638	3.972	231.57	57.113	3.925
%RSD	.5200354	.0953453	.3870051	.7037326	.0895205

#1	2054.951	4167.401	59687.86	8057.233	4385.694
#2	2048.116	4160.984	59715.97	8118.701	4387.690
#3	2034.084	4168.247	60102.26	8171.346	4380.117

Sample Name: K5892-17 Acquired: 11/26/2019 17:25:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088811	.0191831	.0845702	-.028830	-.002680	70.41124	1.063651
Stddev	.0036159	.0008559	.0010229	.003844	.001741	.40496	.003134
%RSD	40.71496	4.461719	1.209588	13.33293	64.96912	.5751398	.2946688

#1	.0101355	.0181952	.0833977	-.024392	-.003611	70.03296	1.061999
#2	.0117028	.0197000	.0850322	-.031123	-.000671	70.36232	1.061689
#3	.0048050	.0196542	.0852806	-.030974	-.003759	70.83844	1.067266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047266	.0047452	35.13241	.1347207	.0783970	.1123088	157.1800
Stddev	.0000432	.0000186	.13339	.0004380	.0003985	.0010298	1.1986
%RSD	.9142394	.3930034	.3796759	.3251207	.5083366	.9168938	.7625902

#1	.0047716	.0047523	34.98759	.1350170	.0781113	.1116677	155.9037
#2	.0047229	.0047241	35.15937	.1349276	.0788523	.1117622	157.3543
#3	.0046854	.0047593	35.25025	.1342176	.0782275	.1134967	158.2818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711163	27.56341	.1197938	-.002696	2.536652	.4519402	.7812270
Stddev	.010452	.16831	.0002827	.000371	.227695	.0048256	.0077685
%RSD	.6107993	.6106126	.2359770	13.74185	8.976198	1.067744	.9943984

#1	1.699245	27.37716	.1199286	-.002327	2.274702	.4573913	.7742063
#2	1.715474	27.60844	.1194689	-.002694	2.648093	.4482145	.7895729
#3	1.718769	27.70461	.1199838	-.003068	2.687162	.4502148	.7799019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.873995	5.679321	-.019205	.0001865	1.344692	8.696757	-.003934
Stddev	.125697	.019872	.002791	.0003211	.005756	.030026	.001905
%RSD	2.578936	.3499059	14.53269	172.1406	.4280666	.3452595	48.43708

#1	4.728962	5.699556	-.021624	-.000013	1.350890	8.666462	-.006083
#2	4.951378	5.659832	-.019839	.000557	1.343674	8.726508	-.002452
#3	4.941646	5.678574	-.016151	.000016	1.339514	8.697302	-.003266

Sample Name: K5892-17 Acquired: 11/26/2019 17:25:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.952480	.0406246	.3246478
Stddev	.059978	.0009673	.0006045
%RSD	.6026453	2.381186	.1861992

#1	10.01314	.0413424	.3250091
#2	9.95109	.0395245	.3249842
#3	9.89321	.0410069	.3239499

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.828	4134.525	59432.28	8014.478	4362.093
Stddev	8.701	4.389	245.73	21.354	2.580
%RSD	.4257150	.1061573	.4134657	.2664440	.0591452

#1	2051.210	4131.541	59283.72	8008.670	4359.408
#2	2034.235	4139.565	59297.19	8038.135	4364.554
#3	2046.037	4132.470	59715.92	7996.628	4362.317

Sample Name: PB125096BL Acquired: 11/26/2019 17:29:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000319	.0003864	.0005622	.0003686	-.002152	-.003810	.0006388
Stddev	.000858	.0013492	.0003734	.0003922	.001738	.004078	.0002698
%RSD	269.2100	349.1833	66.42093	106.3869	80.74784	107.0379	42.23696

#1	-.000778	.0006497	.0005628	.0007550	-.004087	-.007616	.0003441
#2	.000671	-.001075	.0001884	-.000029	-.001646	.000495	.0006987
#3	-.000850	.001585	.0009352	.000380	-.000724	-.004309	.0008736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000465	.0000781	-.001996	.0000585	.0002586	-.000838	.0109820
Stddev	.0000423	.0000156	.007308	.0001594	.0001693	.003490	.0097978
%RSD	90.94383	19.95913	366.1097	272.4147	65.48296	416.6286	89.21723

#1	.0000287	.0000924	-.006104	.0001908	.0003472	-.001159	.0181543
#2	.0000948	.0000615	.006442	.0001033	.0003653	.002802	.0149732
#3	.0000160	.0000803	-.006326	-.000119	.0000633	-.004156	-.000181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001627	.0017392	-.000230	.0002135	.1270407	.0018258	.0006900
Stddev	.0007011	.0244579	.000203	.0003116	.1312258	.0013702	.0033240
%RSD	430.8297	1406.299	88.19277	145.9595	103.2943	75.04375	481.7619

#1	.0007831	.0149533	-.000041	.0002532	.1693349	.0006385	.0013303
#2	.0003030	.0167475	-.000444	.0005034	.2319040	.0015139	.0036471
#3	-.000598	-.026483	-.000205	-.000116	-.020117	.0033251	-.002908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.019811	-.000149	-.003766	.0000849	-.002032	-.000349	-.001939
Stddev	.066757	.000563	.000428	.0002880	.002988	.000659	.000152
%RSD	336.9772	377.4669	11.37459	339.3442	147.0600	188.6851	7.840173

#1	.055609	-.000730	-.004251	-.000034	-.004098	.000349	-.001921
#2	-.071319	-.000112	-.003607	-.000125	.001394	-.000960	-.002099
#3	-.043722	.000394	-.003441	.000413	-.003391	-.000437	-.001796

Sample Name: PB125096BL Acquired: 11/26/2019 17:29:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW096 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013059	-.005530	-.000062
Stddev	.0021611	.000982	.000007
%RSD	165.4818	17.75123	11.66671

#1	.0037039	-.006171	-.000055
#2	.0007047	-.004400	-.000061
#3	-.000491	-.006019	-.000070

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.230	3826.579	54920.50	7357.879	4498.359
Stddev	4.848	3.211	121.59	7.146	9.362
%RSD	.2568822	.0839115	.2213912	.0971259	.2081165

#1	1889.735	3822.881	54970.11	7352.877	4489.825
#2	1890.314	3828.196	54781.95	7354.698	4508.373
#3	1881.642	3828.661	55009.44	7366.064	4496.879

Sample Name: PB125096BS Acquired: 11/26/2019 17:34:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175630	.0558698	.0207475	.0738518	.1241219	.4131486
Stddev	.0029967	.0006409	.0010006	.0034708	.0007477	.0043553
%RSD	17.06286	1.147197	4.822589	4.699691	.6023946	1.054174

#1	.0199564	.0551594	.0216624	.0777614	.1235347	.4158675
#2	.0185306	.0560454	.0196790	.0726602	.1249637	.4154530
#3	.0142020	.0564046	.0209009	.0711337	.1238674	.4081252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4157294	.0113501	.0105716	10.40747	.0231467	.1024499
Stddev	.0023736	.0001684	.0000380	.05381	.0003911	.0004304
%RSD	.5709520	1.483883	.3597107	.5169930	1.689815	.4201549

#1	.4159289	.0115225	.0106126	10.42106	.0233171	.1019874
#2	.4132623	.0111860	.0105374	10.34817	.0226993	.1025233
#3	.4179969	.0113417	.0105649	10.45318	.0234238	.1028389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489153	.2105766	.0346762	10.26620	.0847407	.0218570
Stddev	.0011126	.0073059	.0000975	.06998	.0003717	.0001849
%RSD	2.274530	3.469492	.2810951	.6816065	.4386193	.8457516

#1	.0479894	.2188718	.0346764	10.26468	.0845242	.0217846
#2	.0501495	.2050988	.0345787	10.19699	.0845280	.0220671
#3	.0486070	.2077593	.0347736	10.33692	.0851699	.0217193

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08263	.1066521	.1416570	9.288246	.0223253	F .0171165
Stddev	.06543	.0014056	.0055014	.133400	.0022321	.0003479
%RSD	.6489604	1.317892	3.883572	1.436222	9.998141	2.032457

#1	10.14649	.1057372	.1368358	9.384013	.0204180	.0168353
#2	10.01573	.1059486	.1476497	9.135878	.0247803	.0170087
#3	10.08567	.1082705	.1404855	9.344848	.0217775	.0175055

Sample Name: PB125096BS Acquired: 11/26/2019 17:34:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209836	.1883404	.2072925	F .0097884	.2126250	F .0804120
Stddev	.0003812	.0028317	.0020133	.0006762	.0000389	.0024572
%RSD	1.816771	1.503513	.9712323	6.907739	.0183131	3.055804

#1	.0206429	.1857508	.2093080	.0096955	.2126354	.0783663
#2	.0209126	.1879061	.2072882	.0091634	.2125818	.0831376
#3	.0213954	.1913641	.2052814	.0105061	.2126576	.0797322

Elem	Sr4077
Units	ppm
Avg	.2060152
Stddev	.0004686
%RSD	.2274805

#1	.2055143
#2	.2064430
#3	.2060884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.156	3958.478	56543.38	7503.332	4628.476
Stddev	6.370	8.756	243.23	34.469	7.850
%RSD	.3262990	.2211963	.4301602	.4593809	.1695932

#1	1951.469	3956.106	56599.91	7468.056	4628.336
#2	1958.842	3968.176	56753.37	7536.933	4636.396
#3	1946.157	3951.153	56276.87	7505.007	4620.698

Sample Name: K5892-18 Acquired: 11/26/2019 17:38:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010101	.0009156	-.000015	.0012008	-.001515	-.002615
Stddev	.0031753	.0019515	.001845	.0023047	.000985	.007801
%RSD	314.3463	213.1396	12514.34	191.9285	65.02967	298.2813

#1	-.002645	-.001325	.000899	.0029803	-.001361	-.008883
#2	.002590	.002243	-.002138	.0020248	-.000616	.006122
#3	.003085	.001829	.001195	-.001403	-.002568	-.005084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008214	.0000278	.0000253	.0640395	.0002390	.0001105
Stddev	.0003138	.0000384	.0000421	.0072543	.0003139	.0000579
%RSD	38.20225	137.8955	166.3289	11.32787	131.3321	52.41598

#1	.0011257	-.000013	.0000692	.0718250	.0001239	.0000471
#2	.0004989	.000063	-.000015	.0574702	-.000001	.0001238
#3	.0008396	.000034	.000021	.0628232	.000594	.0001607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035635	.0253892	.0010227	-.001473	-.000266	.0002497
Stddev	.0018964	.0059428	.0002379	.016357	.000268	.0001577
%RSD	53.21602	23.40661	23.26114	1110.754	100.7741	63.16154

#1	.0053573	.0214321	.0012395	-.010528	-.000226	.0004305
#2	.0015790	.0225126	.0007682	-.011300	-.000552	.0001781
#3	.0037541	.0322229	.0010604	.017410	-.000020	.0001405

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212053	.0002155	.0073606	-.425633	.0002576	-.002980
Stddev	.1211228	.0015934	.0033351	.057852	.0006124	.000445
%RSD	99.93196	739.2718	45.30972	13.59197	237.7940	14.94152

#1	.2554252	.0002684	.0107691	-.490917	.0002632	-.003242
#2	.0200440	.0017819	.0041041	-.380731	.0008672	-.002466
#3	.0881466	-.001404	.0072086	-.405249	-.000358	-.003233

Sample Name: K5892-18 Acquired: 11/26/2019 17:38:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJLLS9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000161	.0058567	.0175558	-.003362	-.000674	F -.019744
Stddev	.000314	.0030605	.0006368	.000962	.000463	.000931
%RSD	195.0005	52.25580	3.627225	28.59979	68.65218	4.714399

#1	-.000446	.0024042	.0180011	-.003145	-.001206	-.020277
#2	-.000213	.0069296	.0168264	-.002528	-.000459	-.020286
#3	.000176	.0082362	.0178398	-.004414	-.000358	-.018670

Elem	Sr4077
Units	ppm
Avg	.0002499
Stddev	.0000898
%RSD	35.92892

#1	.0002607
#2	.0003338
#3	.0001552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.553	3964.882	56772.80	7445.135	4660.078
Stddev	13.467	14.896	174.90	11.006	14.696
%RSD	.6806651	.3756890	.3080717	.1478252	.3153651

#1	1963.056	3952.831	56608.84	7452.663	4644.925
#2	1987.422	3981.536	56752.68	7450.238	4674.270
#3	1985.182	3960.278	56956.90	7432.504	4661.038

Sample Name: CCV077 Acquired: 11/26/2019 17:44:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.000442	5.025167	25.48321	4.934837	4.989177	394.9759	10.08173
Stddev	.007035	.008440	.03305	.012189	.008692	.3490	.02863
%RSD	.1406931	.1679591	.1297112	.2469963	.1742250	.0883503	.2839438

#1	4.993362	5.023630	25.46531	4.927911	4.985326	394.8703	10.05900
#2	5.000531	5.017600	25.52135	4.927689	4.983076	395.3655	10.11388
#3	5.007432	5.034270	25.46296	4.948911	4.999130	394.6920	10.07232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4966868	2.535345	407.8409	15.46872	2.571091	15.36275	403.1896
Stddev	.0031404	.001372	.5886	.01736	.000875	.03261	.1937
%RSD	.6322676	.0540960	.1443308	.1122266	.0340152	.2122860	.0480520

#1	.4986213	2.534529	407.3202	15.48841	2.571874	15.32556	403.0187
#2	.4983757	2.534576	408.4796	15.45563	2.570147	15.37623	403.4000
#3	.4930633	2.536928	407.7228	15.46212	2.571251	15.38646	403.1499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80834	397.5838	2.537374	1.256352	393.4304	2.435565	14.42164
Stddev	.00859	.5338	.001953	.006089	1.2624	.011500	.05104
%RSD	.0580068	.1342647	.0769647	.4846437	.3208819	.4721530	.3538809

#1	14.79842	397.3573	2.537197	1.255615	392.7865	2.439686	14.36271
#2	14.81329	398.1936	2.535516	1.262776	394.8849	2.444436	14.45135
#3	14.81331	397.2006	2.539410	1.250665	392.6197	2.422573	14.45086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.2188	5.229463	4.895855	4.957358	5.179047	4.847579	5.123106
Stddev	.3049	.021182	.037183	.012856	.009667	.044556	.008561
%RSD	.2085360	.4050587	.7594893	.2593378	.1866477	.9191435	.1671005

#1	146.5011	5.210640	4.906437	4.962600	5.175004	4.864416	5.114599
#2	146.2598	5.225348	4.926600	4.942709	5.190079	4.881264	5.123000
#3	145.8954	5.252401	4.854527	4.966765	5.172058	4.797058	5.131719

Sample Name: CCV077 Acquired: 11/26/2019 17:44:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.183332	5.130304	5.086600
Stddev	.013824	.009097	.059526
%RSD	.2667046	.1773149	1.170253

#1	5.167801	5.120394	5.129198
#2	5.187901	5.138275	5.112016
#3	5.194293	5.132243	5.018584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1596.884	3276.952	49246.25	7139.910	3448.244
Stddev	8.395	7.847	50.11	39.028	1.778
%RSD	.5257086	.2394683	.1017535	.5466165	.0515628

#1	1597.037	3272.786	49188.95	7102.870	3446.694
#2	1588.413	3286.004	49267.91	7136.199	3450.185
#3	1605.201	3272.067	49281.88	7180.661	3447.854

Sample Name: CCB077 Acquired: 11/26/2019 17:48:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001910	.0006729	.0038293	-.000854	-.001187	.0093288	.0012690
Stddev	.001717	.0015335	.0015885	.007212	.000638	.0052283	.0008967
%RSD	89.90380	227.8996	41.48234	844.6518	53.73066	56.04483	70.66304

#1	-.002804	-.001098	.0046235	-.006166	-.001920	.0039753	.0002680
#2	.000070	.001588	.0048640	.007357	-.000878	.0095888	.0019989
#3	-.002997	.001528	.0020003	-.003753	-.000762	.0144222	.0015399

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	.0001405	.0194332	.0004667	.0001985	.0042434	.0148211
Stddev	.000105	.0000781	.0075165	.0004271	.0001671	.0014147	.0135333
%RSD	98150.59	55.61392	38.67874	91.51970	84.18077	33.33831	91.31098

#1	-.000115	.0000520	.0122615	.0007205	.0001541	.0037236	.0271389
#2	.000022	.0002001	.0187856	.0007061	.0000581	.0058445	.0169901
#3	.000092	.0001691	.0272526	-.000026	.0003833	.0031622	.0003343

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004755	.0092381	-.000429	.0003418	.1237043	.0021628	.0033373
Stddev	.0000441	.0236943	.000194	.0005475	.1793318	.0046622	.0005092
%RSD	9.266681	256.4855	45.11362	160.1889	144.9680	215.5613	15.25636

#1	.0004637	.0265785	-.000651	.0005196	-.047553	.0016073	.0027717
#2	.0004386	.0188956	-.000291	-.000273	.108520	-.002197	.0034814
#3	.0005243	-.017760	-.000347	.000778	.310145	.007078	.0037590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836912	.0003515	.0067056	.0008014	-.003019	-.001931	-.001799
Stddev	.0178293	.0030083	.0016120	.0001593	.005052	.000635	.000625
%RSD	21.30370	855.9250	24.04042	19.88108	167.3472	32.87521	34.72353

#1	.0685892	.0037681	.0067268	.0006793	-.002175	-.001229	-.001988
#2	.1033596	-.001900	.0050830	.0009816	.001558	-.002099	-.001102
#3	.0791247	-.000814	.0083069	.0007432	-.008439	-.002465	-.002307

Sample Name: CCB077 Acquired: 11/26/2019 17:48:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v1028) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB077 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007181	.0036977	.0001382
Stddev	.0005211	.0010245	.0001072
%RSD	72.55810	27.70645	77.53759

#1	.0009654	.0048742	.0001387
#2	.0001195	.0032167	.0000308
#3	.0010695	.0030022	.0002452

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.722	3854.892	55344.88	7391.746	4518.942
Stddev	20.018	8.679	387.16	40.198	7.645
%RSD	1.053204	.2251511	.6995461	.5438173	.1691764

#1	1877.809	3848.911	54900.47	7423.858	4515.909
#2	1914.822	3864.847	55609.14	7346.665	4527.638
#3	1909.535	3850.919	55525.04	7404.715	4513.278

Element, Wavelength and Order	Date of Fit	Date of Cal.	Type of Fit	Weighting	A0	A1	A2	n (Exponent)	Correlation
As 189.042 {479}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000092	0.033013	0.000000	1.000000	0.999645
Tl 190.856 {477}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000331	0.061341	0.000000	1.000000	0.999858
Pb 220.353 {453}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000417	0.185891	0.000000	1.000000	0.999953
Se 196.090 {472}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000199	0.032276	0.000000	1.000000	0.999943
Sb 206.833 {463}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000430	0.111576	0.000000	1.000000	0.999694
Al 396.152 { 85}	11/27/2019 0:51:56	11/26/2019 12:00:13	Curvili	1/Conc	0.003437	0.079828	0.000007	1.000000	0.999988
Ba 493.409 { 68}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.017156	3.644916	0.000000	1.000000	0.999814
Be 234.861 {144}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000655	4.062834	0.000000	1.000000	0.999800
Cd 214.438 {457}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000021	2.109722	0.000000	1.000000	0.999986
Ca 373.690 { 90}	11/27/2019 0:51:56	11/26/2019 12:00:13	Linear	1/Conc	0.000439	0.066675	0.000000	1.000000	0.999713
Cr 267.716 {126}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000000	0.149810	0.000000	1.000000	0.999795
Co 228.616 {448}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000253	0.793996	0.000000	1.000000	0.999985
Cu 324.754 {104}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.001344	0.179172	0.000000	1.000000	0.999910
Fe 259.837 {130}	11/27/2019 0:51:56	11/26/2019 12:00:13	Linear	1/Conc	0.000063	0.023728	0.000000	1.000000	0.999832
Mn 257.610 {131}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000283	0.580971	0.000000	1.000000	0.999707
Mg 279.079 {121}	11/27/2019 0:51:56	11/26/2019 12:00:13	Linear	1/Conc	-0.000198	0.009165	0.000000	1.000000	0.999674
Ni 231.604 {446}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000890	0.580671	0.000000	1.000000	0.999981
Ag 328.068 {103}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000772	0.292574	0.000000	1.000000	0.999899
Na 818.326 { 41}	11/27/2019 0:51:56	11/26/2019 12:00:13	Linear	1/Conc	-0.007870	0.004965	0.000000	1.000000	0.999364
V 292.402 {115}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000162	0.110230	0.000000	1.000000	0.999766
Zn 206.200 {464}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	2.807765	1484.6592	0.000000	1.000000	0.996952
Zn 213.856 {158}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000245	0.194250	0.000000	1.000000	0.999493
K 769.896 { 44}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.016662	0.019413	0.000000	1.000000	0.999974
P 177.495 {490}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	-0.000794	0.036892	0.000000	1.000000	0.999670
B 249.678 {135}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.001199	0.425381	0.000000	1.000000	0.997140
Mo 202.030 {467}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000102	0.454491	0.000000	1.000000	0.999973
S 182.034 {485}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000134	0.018274	0.000000	1.000000	0.999395
Si 251.611 {134}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.006259	0.411510	0.000000	1.000000	0.999530
Sn 189.989 {478}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.000311	0.077907	0.000000	1.000000	0.999959
Ti 336.121 {100}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.001106	0.427543	0.000000	1.000000	0.999909
Li 670.784 { 50}	11/27/2019 0:51:56	11/26/2019 11:55:50	Linear	1/Conc	0.021442	0.856062	0.000000	1.000000	0.998164
Y 224.306 {150}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 224.306 {450}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 360.073 { 94}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Y 371.030 { 91}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
In 230.606 {446}*	<not fit>	<Never Calibrated>	Linear	1/Conc	0.000000	0.000000	0.000000	1.000000	0.000000
Sr 407.771 { 83}	11/27/2019 0:51:56	11/26/2019 11:55:50	Curvili	1/Conc	0.000463	7.695376	-0.026287	1.000000	0.999992