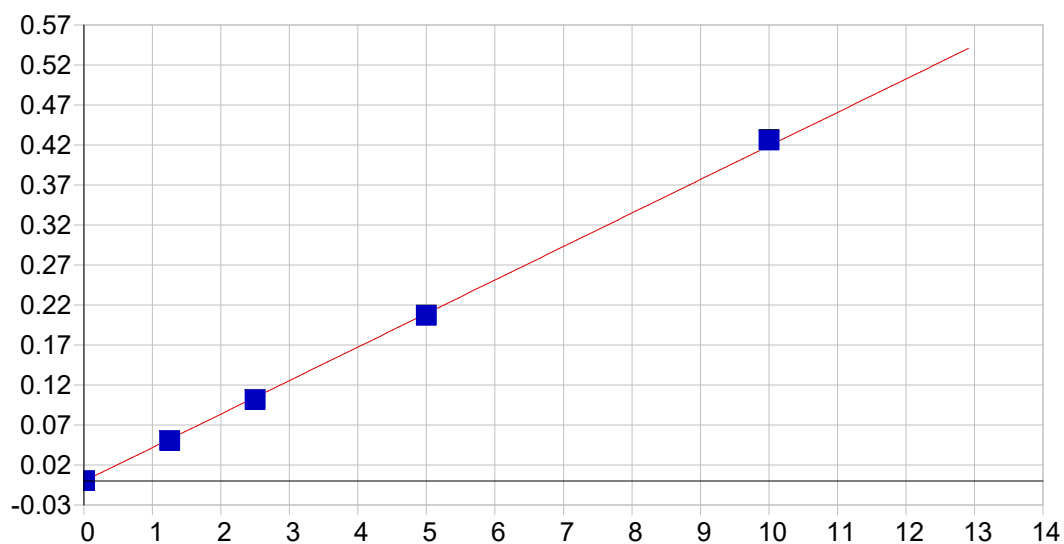


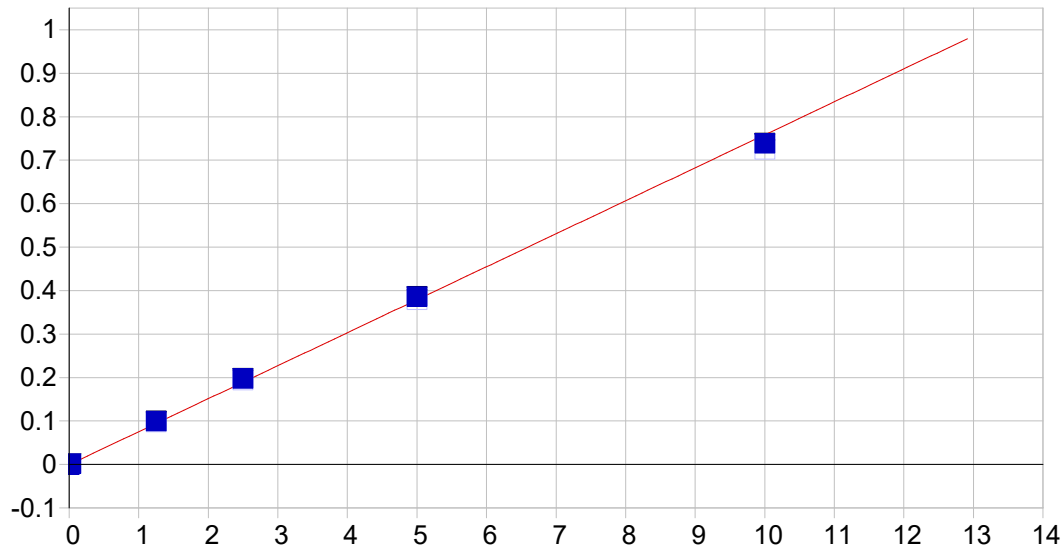


As 189.042 {479}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000158 Re-Slope: 1.000000
 A1 (Gain): 0.041891 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.003736
 Predicted MQL: 0.012454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.01051	.001	5.09	.00028	.000	1
S2	1.2500	1.2053	-.045	-3.57	.05031	.000	1
S3	2.5000	2.4317	-.068	-2.73	.10165	.000	1
S4	5.0000	4.9396	-.060	-1.21	.20665	.001	1
S5	10.000	10.173	.173	1.73	.42576	.001	1

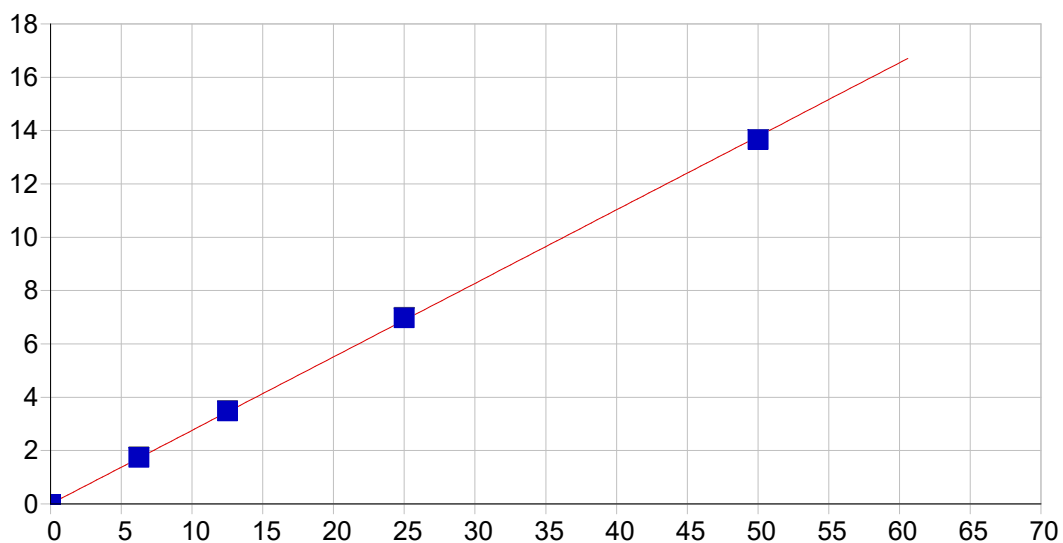


TI 190.856 {477}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000491 Re-Slope: 1.000000
 A1 (Gain): 0.075885 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.002385
 Predicted MQL: 0.007951

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02500	.02617	.001	4.66	.00142	.000	1
S2	1.2500	1.3142	.064	5.13	.09749	.000	1
S3	2.5000	2.6100	.110	4.40	.19407	.000	1
S4	5.0000	5.0883	.088	1.77	.37864	.001	1
S5	10.000	9.7363	-.264	-2.64	.72436	.001	1

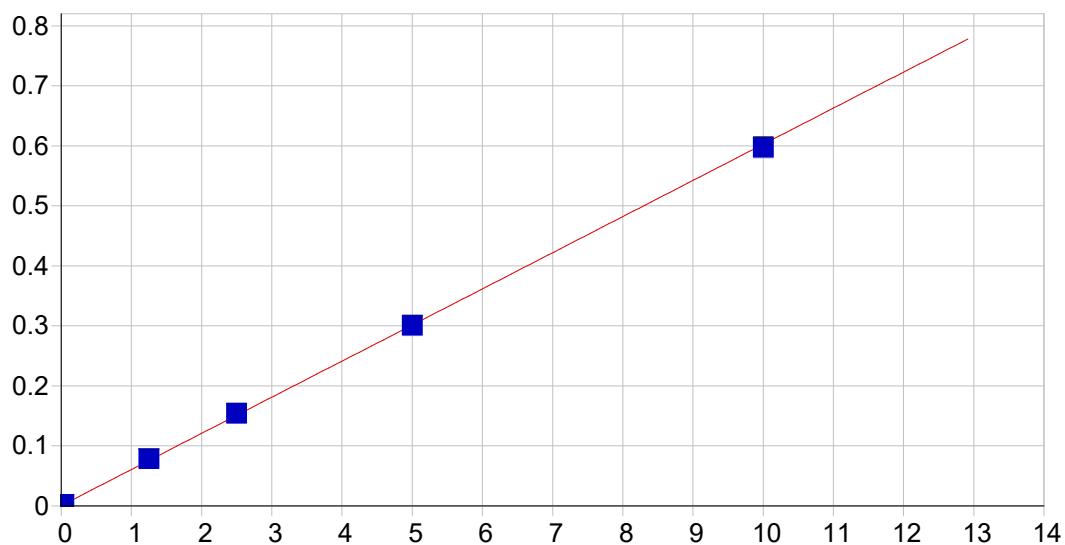


Pb 220.353 {453}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000417 Re-Slope: 1.000000
 A1 (Gain): 0.275660 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.001592
 Predicted MQL: 0.005307

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.01000	.01014	.000	1.38	.00321	.000	1
S2	6.2500	6.3027	.053	.843	1.7382	.009	1
S3	12.500	12.615	.115	.917	3.4785	.003	1
S4	25.000	25.290	.290	1.16	6.9732	.018	1
S5	50.000	49.543	-.457	-.915	13.660	.003	1

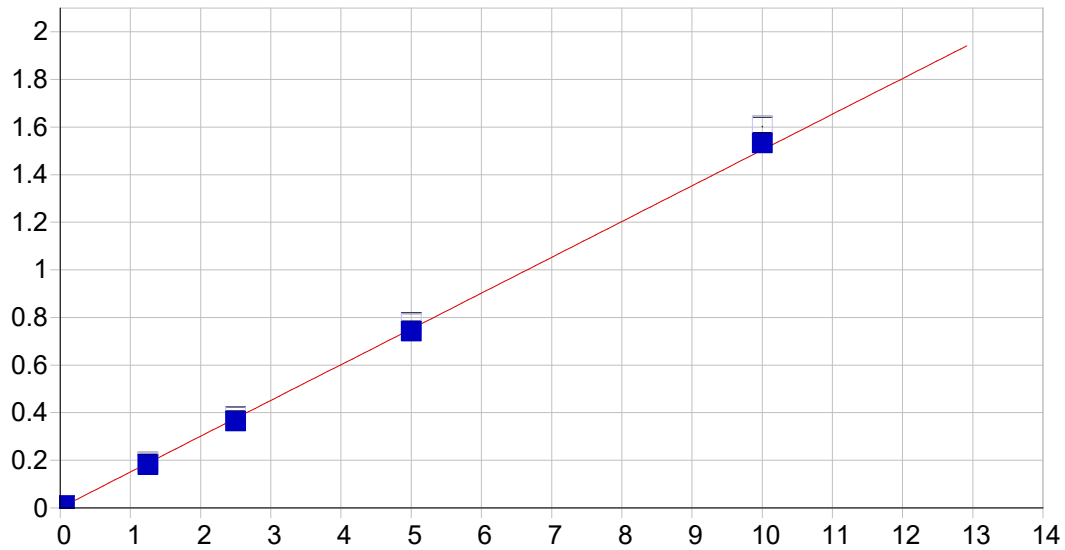


Se 196.090 {472}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000425	Re-Slope:	1.000000
A1 (Gain):	0.060202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.003461		
Predicted MQL:	0.011537		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00042	.000	1
S1	.03500	.03718	.002	6.23	.00266	.000	1
S2	1.2500	1.2981	.048	3.85	.07837	.000	1
S3	2.5000	2.5516	.052	2.06	.15364	.000	1
S4	5.0000	4.9866	-.013	-.268	.29983	.001	1
S5	10.000	9.9115	-.088	-.885	.59553	.001	1

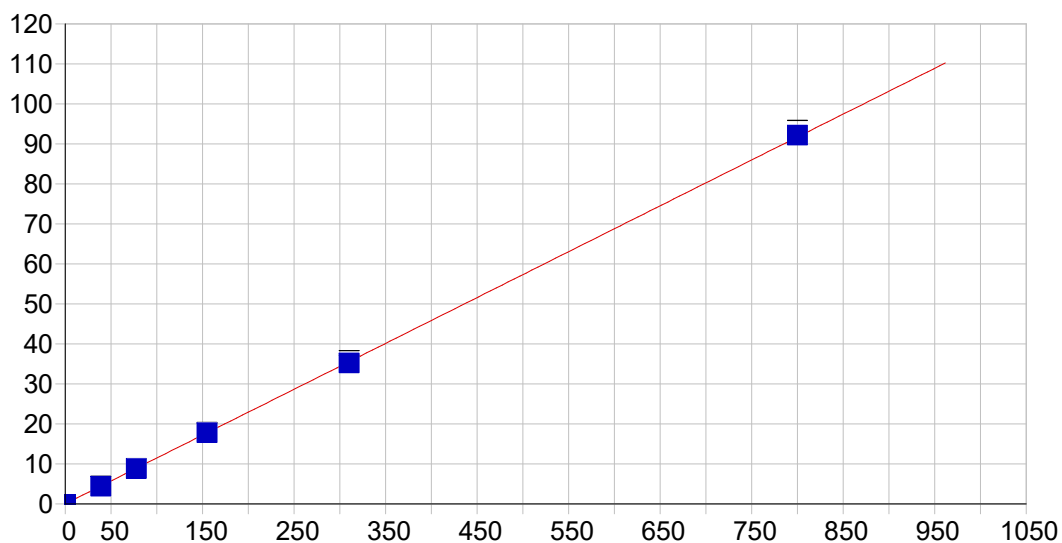


Sb 206.833 {463}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000459 Re-Slope: 1.000000
 A1 (Gain): 0.150305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000135
 Predicted MDL: 0.001828
 Predicted MQL: 0.006093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.06000	.05727	-.003	-4.55	.00907	.000	1
S2	1.2500	1.2075	-.043	-3.40	.19060	.001	1
S3	2.5000	2.4187	-.081	-3.25	.38130	.001	1
S4	5.0000	4.9319	-.068	-1.36	.77635	.002	1
S5	10.000	10.195	.195	1.95	1.6019	.003	1

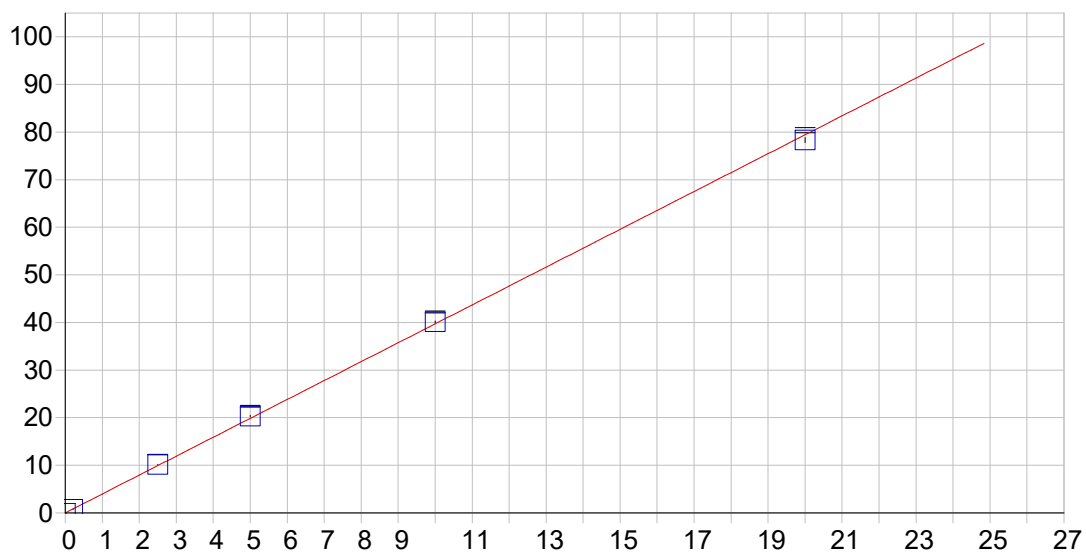


AI 396.152 { 85}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006981 Re-Slope: 1.000000
 A1 (Gain): 0.114638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979 Status: OK.
 Std Error of Est: 0.000464
 Predicted MDL: 0.008987
 Predicted MQL: 0.029955

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00698	.000	1
S1	.20000	.18527	-.015	-7.36	.02861	.001	1
S2	38.750	38.272	-.478	-1.23	4.4032	.022	1
S3	77.500	76.942	-.558	-.720	8.8452	.051	1
S4	155.00	154.96	-.041	-.027	17.807	.078	1
S5	310.00	307.08	-2.92	-.941	35.281	.590	1
S6	800.00	804.02	4.02	.502	92.235	1.20	1

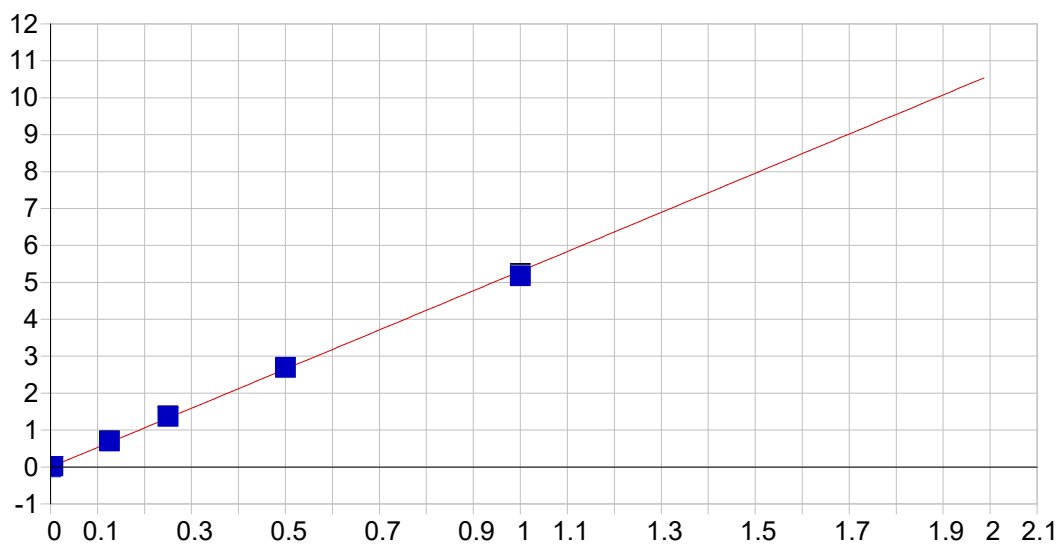


Ba 493.409 { 68}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004564 Re-Slope: 1.000000
 A1 (Gain): 3.971177 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.006631
 Predicted MDL: 0.000520
 Predicted MQL: 0.001733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00455	.001	1
S1	.20000	.19470	-.005	-2.65	.77774	.004	1
S2	2.5000	2.5610	.061	2.44	10.175	.057	1
S3	5.0000	5.1182	.118	2.36	20.330	.187	1
S4	10.000	10.103	.103	1.03	40.124	.183	1
S5	20.000	19.723	-.277	-1.38	78.330	.544	1

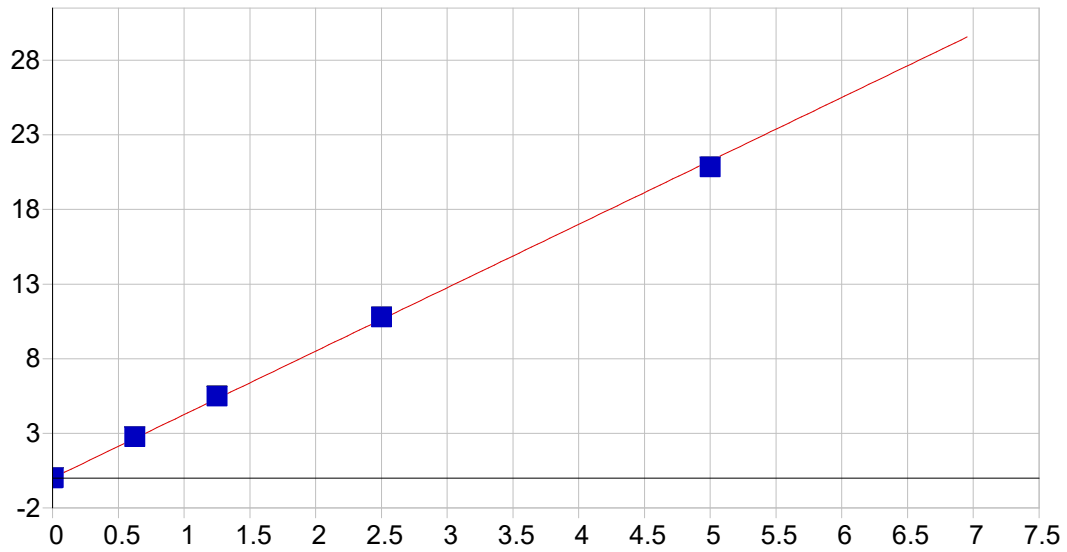


Be 234.861 {144}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001430	Re-Slope:	1.000000
A1 (Gain):	5.304875	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999643	Status:	OK.
Std Error of Est:	0.000531		
Predicted MDL:	0.000072		
Predicted MQL:	0.000239		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00143	.000	1
S1	.00500	.00496	-.000	-.729	.02488	.000	1
S2	.12500	.13225	.007	5.80	.69792	.005	1
S3	.25000	.25776	.008	3.11	1.3616	.014	1
S4	.50000	.50823	.008	1.65	2.6859	.009	1
S5	1.0000	.97679	-.023	-2.32	5.1627	.060	1

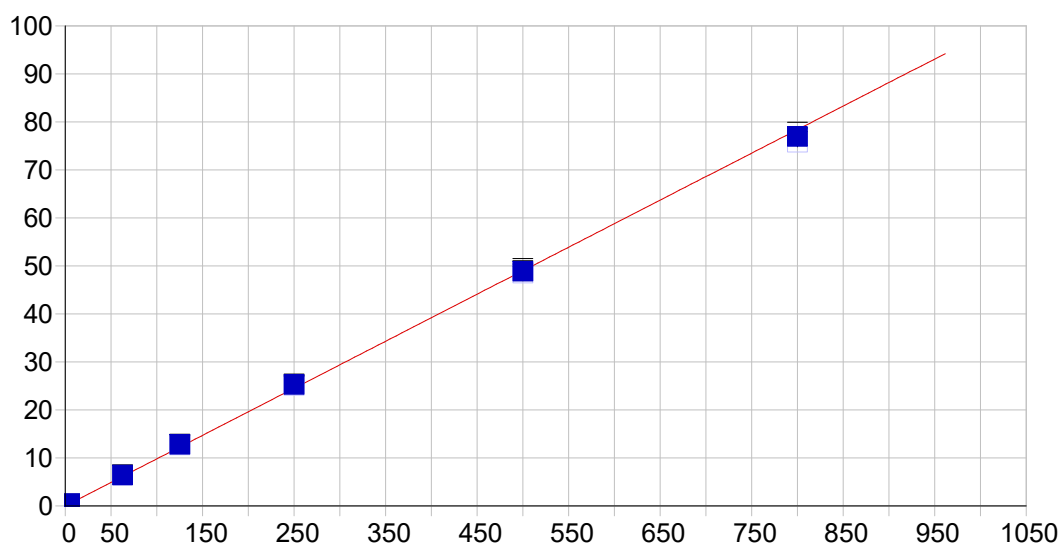


Cd 214.438 {457}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000171	Re-Slope:	1.000000
A1 (Gain):	4.251369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000796		
Predicted MDL:	0.000074		
Predicted MQL:	0.000248		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.00500	.00491	-.000	-1.81	.02071	.000	1
S2	.01250	.01289	.0025	3.94	0.0491	.013	1
S3	.02500	.02536	.0036	3.11	0.1289	.014	1
S4	.05000	.05360	.0036	1.44	0.2536	.008	1
S5	.10000	.09005	-.0099	-1.99	0.49005	.025	1

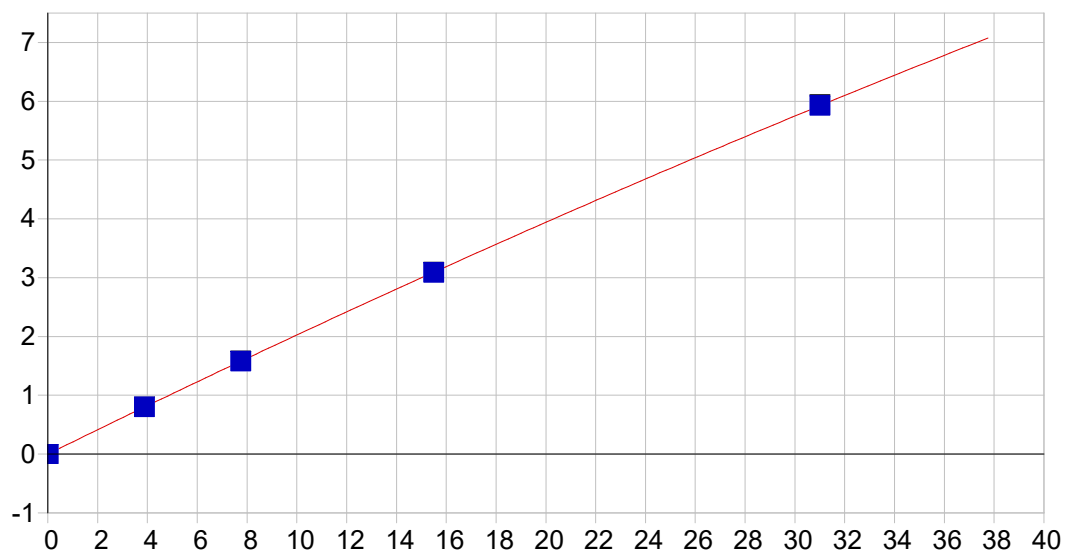


Ca 373.690 { 90}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001233 Re-Slope: 1.000000
 A1 (Gain): 0.097996 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999732 Status: OK.
 Std Error of Est: 0.007831
 Predicted MDL: 0.010269
 Predicted MQL: 0.034228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00055	-.001	.000	.00118	.000	1
S1	5.0000	5.0391	.039	.782	.49490	.003	1
S2	62.500	65.559	3.06	4.90	6.3710	.042	1
S3	125.00	130.33	5.33	4.26	12.664	.125	1
S4	250.00	257.82	7.82	3.13	25.048	.157	1
S5	500.00	498.85	-1.15	-.230	48.448	.553	1
S6	800.00	784.81	-15.2	-1.90	75.741	.945	1

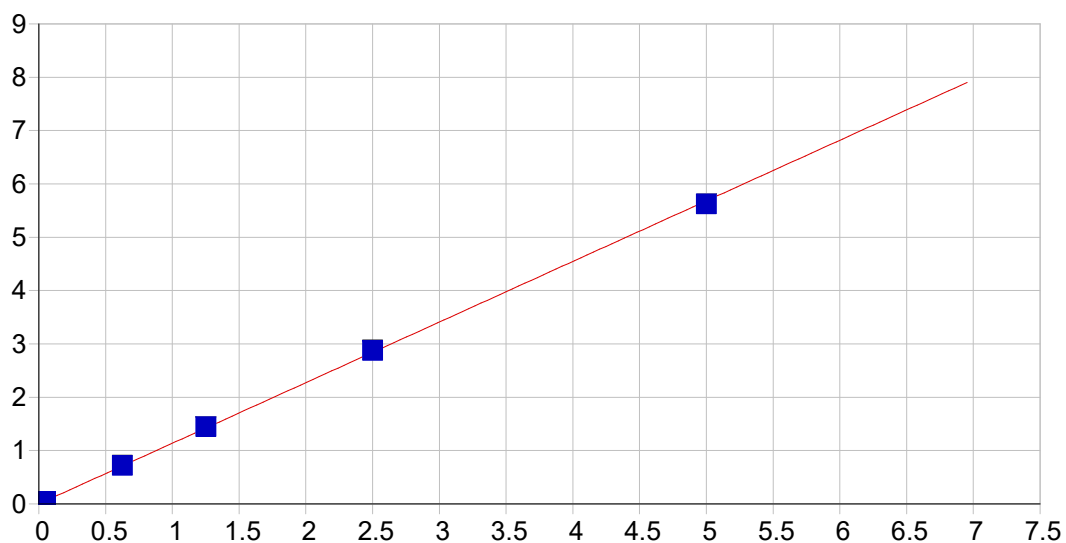


Cr 267.716 {126}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	0.000036	Re-Slope:	1.000000
A1 (Gain):	0.208018	Y-int:	0.000000
A2 (Curvature):	-0.000546		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.000517		
Predicted MQL:	0.001723		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.01000	.01008	.000	.780	.00214	.000	1
S2	3.8750	3.9001	.025	.648	.80403	.002	1
S3	7.7500	7.7394	-.011	-.137	1.5793	.001	1
S4	15.500	15.470	-.030	-.196	3.0914	.002	1
S5	31.000	31.016	.016	.052	5.9348	.010	1

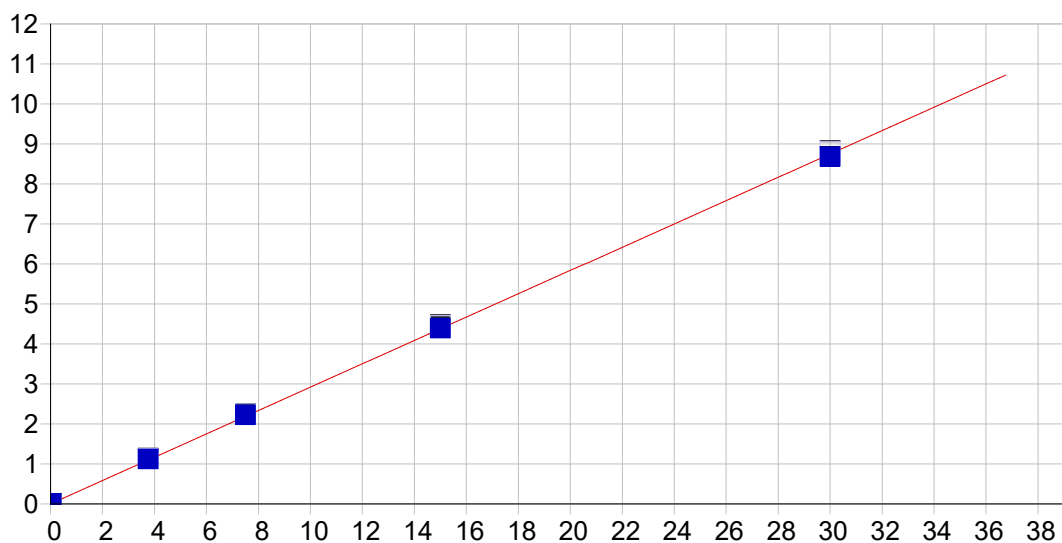


Co 228.616 {448}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000541	Re-Slope:	1.000000
A1 (Gain):	1.136404	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.000391		
Predicted MDL:	0.000264		
Predicted MQL:	0.000882		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.05000	.04695	-.003	-6.11	.05409	.000	1
S2	.62500	.63269	.008	1.23	.72066	.003	1
S3	1.2500	1.2703	.020	1.62	1.4463	.003	1
S4	2.5000	2.5301	.030	1.21	2.8803	.004	1
S5	5.0000	4.9450	-.055	-1.10	5.6291	.003	1

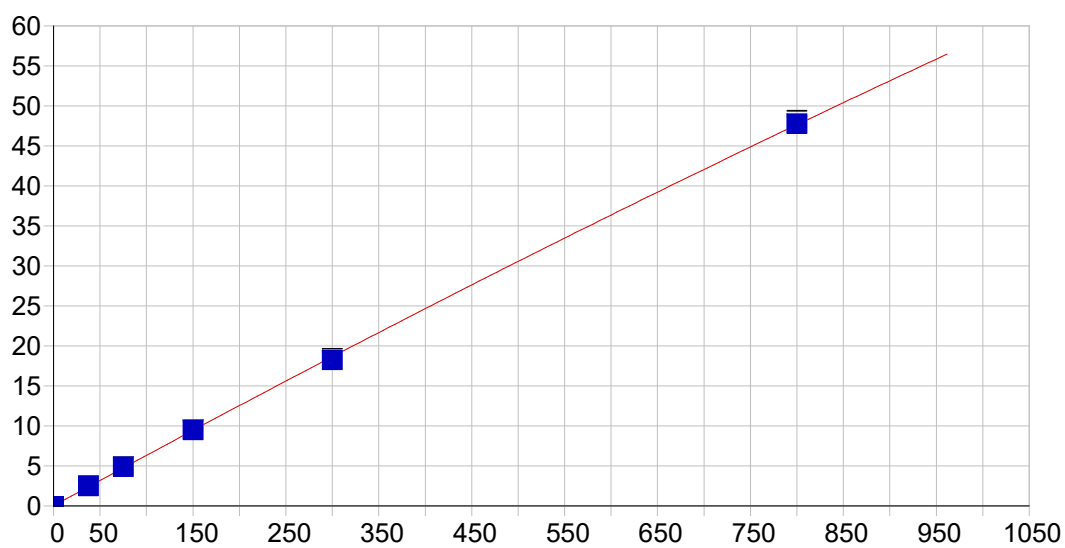


Cu 324.754 {104}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003719 Re-Slope: 1.000000
 A1 (Gain): 0.291518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.002264
 Predicted MQL: 0.007545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00372	.001	1
S1	.02500	.02072	-.004	-17.1	.01122	.000	1
S2	3.7500	3.8266	.077	2.04	1.1368	.007	1
S3	7.5000	7.6106	.111	1.47	2.2574	.000	1
S4	15.000	15.057	.057	.380	4.4632	.014	1
S5	30.000	29.761	-.239	-.797	8.8198	.012	1

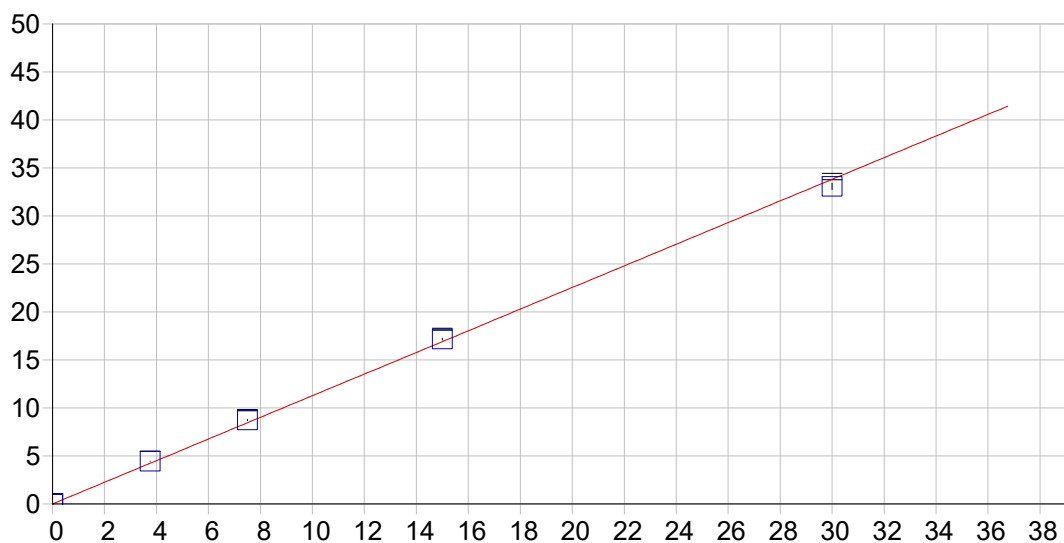


Fe 259.837 {130}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000
 A1 (Gain): 0.063737 Y-int: 0.000000
 A2 (Curvature): -0.000005
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000426
 Predicted MDL: 0.005693
 Predicted MQL: 0.018975

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.10000	.09727	-.003	-2.73	.00683	.001	1
S2	37.500	39.072	1.57	4.19	2.4877	.011	1
S3	75.000	77.008	2.01	2.68	4.8876	.043	1
S4	150.00	150.77	.774	.516	9.5115	.052	1
S5	300.00	293.45	-6.55	-2.18	18.294	.165	1
S6	800.00	802.23	2.23	.279	47.839	.357	1

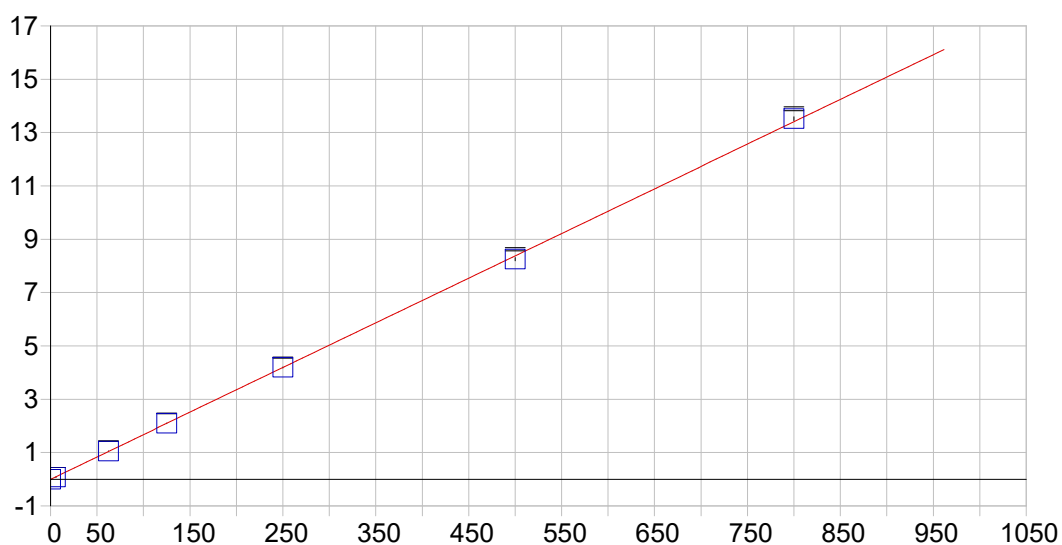


Mn 257.610 {131}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000637 Re-Slope: 1.000000
 A1 (Gain): 1.127103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.001019
 Predicted MDL: 0.000323
 Predicted MQL: 0.001078

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00063	.000	1
S1	.01500	.01576	.001	5.10	.01841	.001	1
S2	3.7500	3.9393	.189	5.05	4.4406	.022	1
S3	7.5000	7.7554	.255	3.40	8.7417	.064	1
S4	15.000	15.222	.222	1.48	17.157	.100	1
S5	30.000	29.333	-.667	-2.22	33.062	.330	1

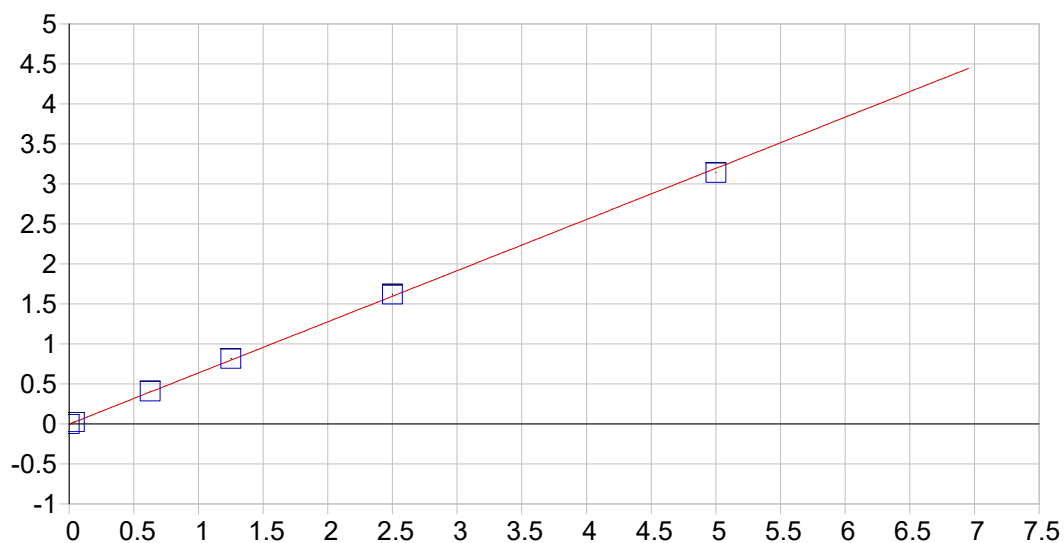


Mg 279.079 {121}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000361 Re-Slope: 1.000000
 A1 (Gain): 0.016756 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000570
 Predicted MDL: 0.022952
 Predicted MQL: 0.076506

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	-.00036	.000	1
S1	5.0000	4.8705	-.129	-2.59	.08125	.000	1
S2	62.500	62.885	.385	.617	1.0534	.006	1
S3	125.00	125.17	.166	.133	2.0969	.014	1
S4	250.00	250.10	.104	.042	4.1904	.021	1
S5	500.00	492.79	-7.21	-1.44	8.2569	.061	1
S6	800.00	806.68	6.68	.835	13.517	.071	1

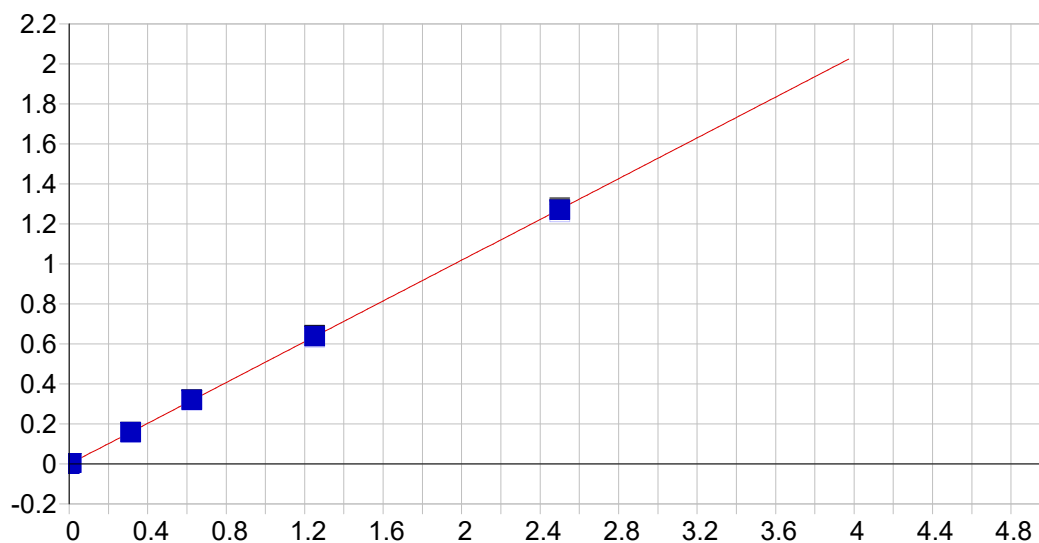


Ni 231.604 {446}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001791	Re-Slope:	1.000000
A1 (Gain):	0.639267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999837	Status:	OK.
Std Error of Est:	0.000274		
Predicted MDL:	0.000481		
Predicted MQL:	0.001602		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00179	.000	1
S1	.04000	.04004	.000	.106	.02381	.000	1
S2	.62500	.64202	.017	2.72	.40863	.001	1
S3	1.2500	1.2808	.031	2.46	.81697	.001	1
S4	2.5000	2.5346	.035	1.38	1.6185	.005	1
S5	5.0000	4.9175	-.082	-1.65	3.1418	.003	1

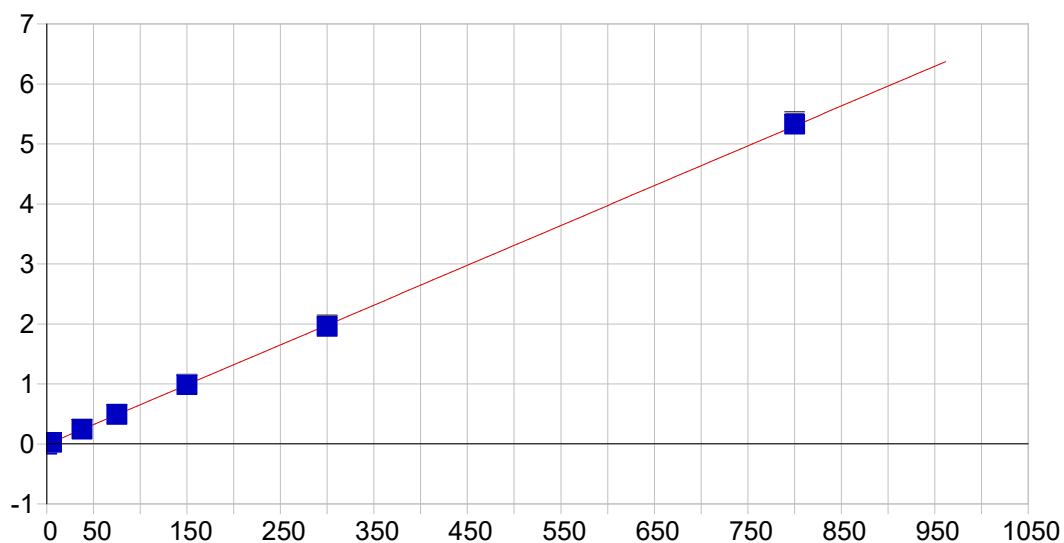


Ag 328.068 {103}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000753	Re-Slope:	1.000000
A1 (Gain):	0.509605	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.000421		
Predicted MQL:	0.001404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00075	.000	1
S1	.01000	.00993	-.000	-.662	.00427	.000	1
S2	.31250	.31101	-.001	-.477	.15638	.001	1
S3	.62500	.62831	.003	.529	.31671	.001	1
S4	1.2500	1.2531	.003	.246	.63236	.005	1
S5	2.5000	2.4952	-.005	-.193	1.2599	.010	1

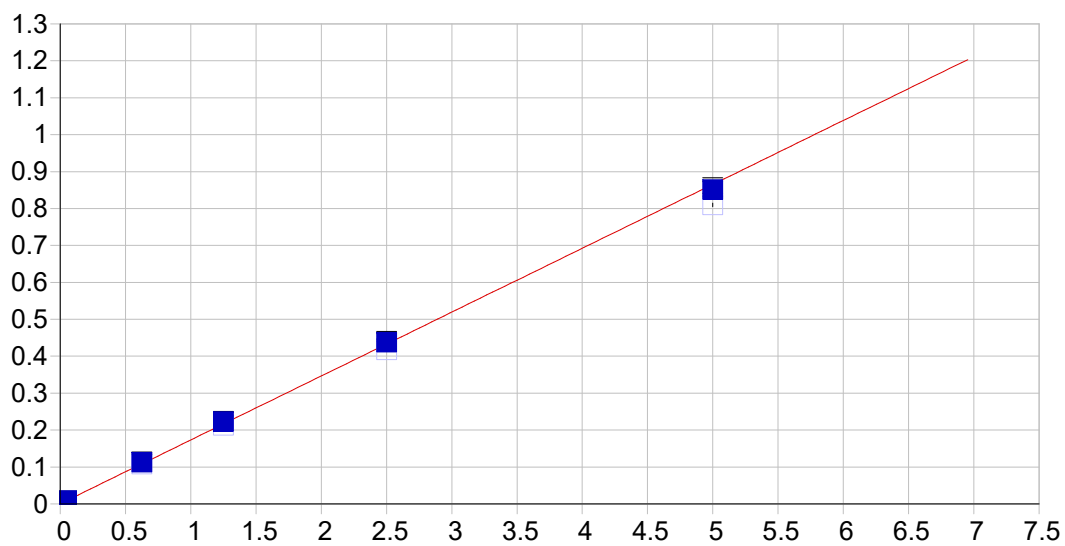


Na 818.326 { 41}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.009024	Re-Slope:	1.000000
A1 (Gain):	0.006635	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000166		
Predicted MDL:	0.279554		
Predicted MQL:	0.931848		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00902	.001	1
S1	5.0000	4.6845	-.316	-6.31	.02206	.002	1
S2	37.500	37.647	.147	.392	.24188	.000	1
S3	75.000	74.945	-.055	-.073	.49048	.005	1
S4	150.00	149.60	-.398	-.265	.98806	.005	1
S5	300.00	296.32	-3.68	-1.23	1.9660	.016	1
S6	800.00	804.30	4.30	.538	5.3514	.014	1

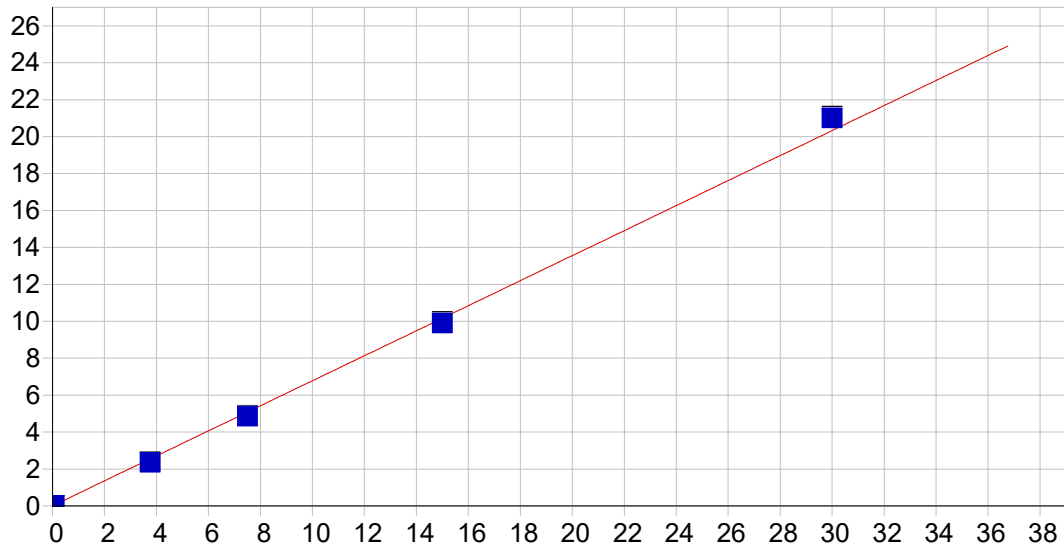


V 292.402 {115}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000365	Re-Slope:	1.000000
A1 (Gain):	0.173007	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999794	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.002596		
Predicted MQL:	0.008653		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00037	.000	1
S1	.05000	.04818	-.002	-3.64	.00868	.000	1
S2	.62500	.64936	.024	3.90	.10753	.001	1
S3	1.2500	1.2832	.033	2.66	.21200	.001	1
S4	2.5000	2.5263	.026	1.05	.41669	.003	1
S5	5.0000	4.9181	-.082	-1.64	.80975	.005	1

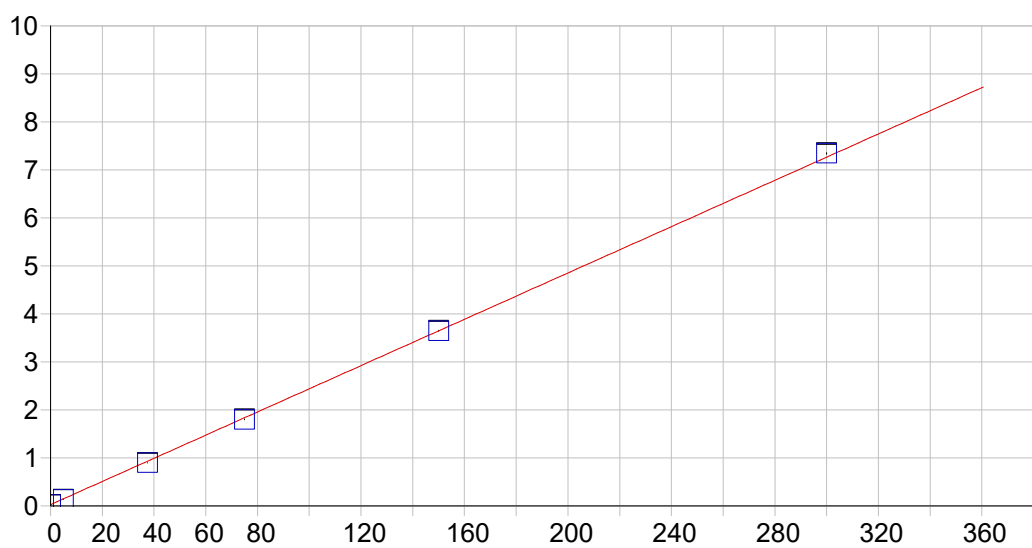


Zn 213.856 {158}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001341 Re-Slope: 1.000000
 A1 (Gain): 0.677529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999301 Status: OK.
 Std Error of Est: 0.001806
 Predicted MDL: 0.001250
 Predicted MQL: 0.004165

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00135	.001	1
S1	.06000	.05282	-.007	-12.0	.03724	.001	1
S2	3.7500	3.4752	-.275	-7.33	2.3600	.011	1
S3	7.5000	7.1719	-.328	-4.37	4.8688	.027	1
S4	15.000	14.609	-.391	-2.61	9.9156	.062	1
S5	30.000	31.002	1.00	3.34	21.039	.067	1

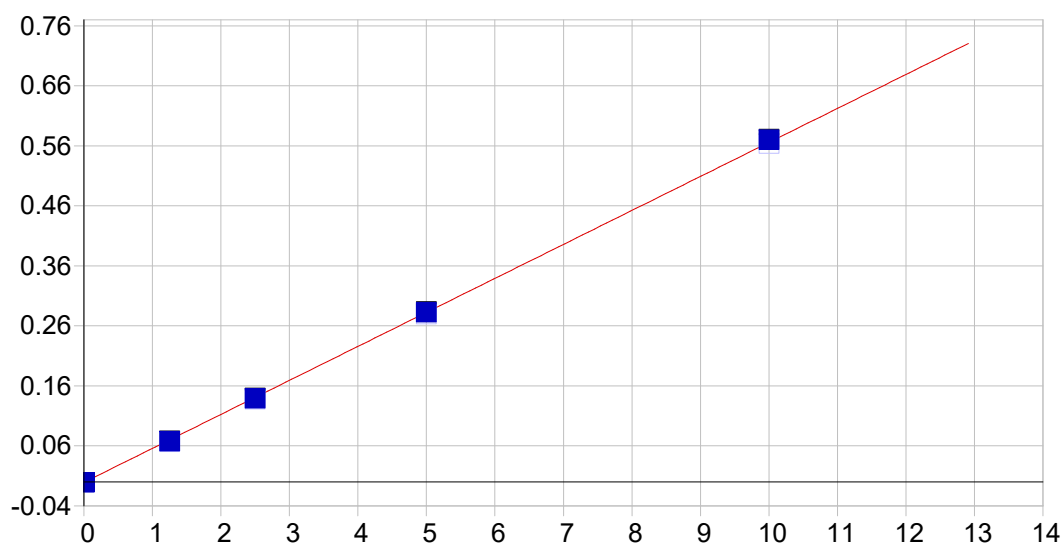


K 769.896 { 44}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.026826 Re-Slope: 1.000000
 A1 (Gain): 0.024131 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000849
 Predicted MDL: 0.071998
 Predicted MQL: 0.239994

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00074	.001	.000	.02684	.000	1
S1	5.0000	4.4783	-.522	-10.4	.13489	.003	1
S2	37.500	36.135	-1.37	-3.64	.89879	.003	1
S3	75.000	73.593	-1.41	-1.88	1.8027	.007	1
S4	150.00	150.08	.076	.051	3.6483	.008	1
S5	300.00	303.22	3.22	1.07	7.3437	.018	1

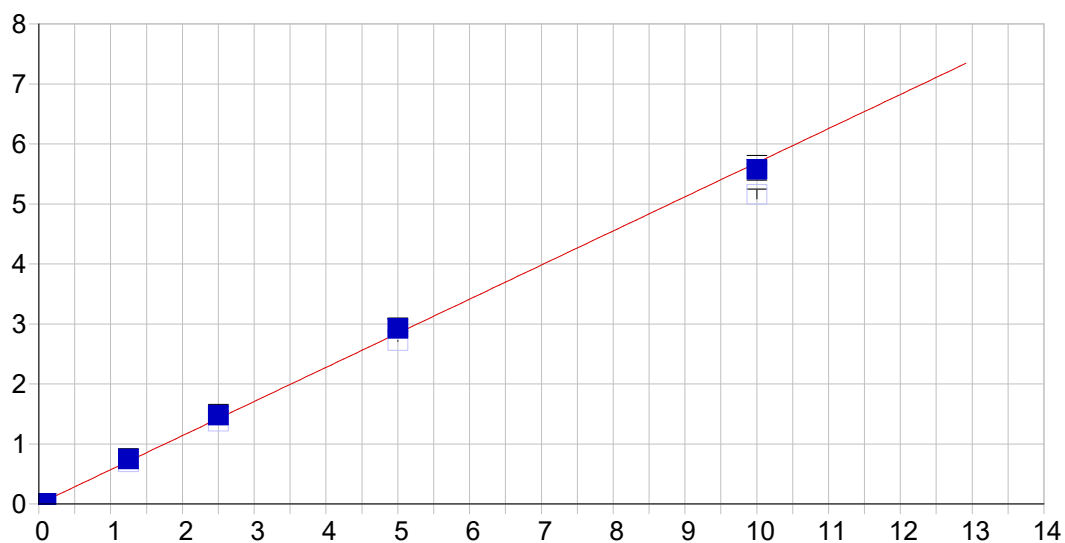


P 177.495 {490}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000789 Re-Slope: 1.000000
 A1 (Gain): 0.056648 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002525
 Predicted MQL: 0.008417

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00079	.000	1
S1	.01000	.00677	-.003	-32.3	-.00041	.000	1
S2	1.2500	1.2083	-.042	-3.33	.06687	.000	1
S3	2.5000	2.4679	-.032	-1.28	.13743	.001	1
S4	5.0000	5.0049	.005	.099	.27956	.001	1
S5	10.000	10.072	.072	.721	.56343	.001	1

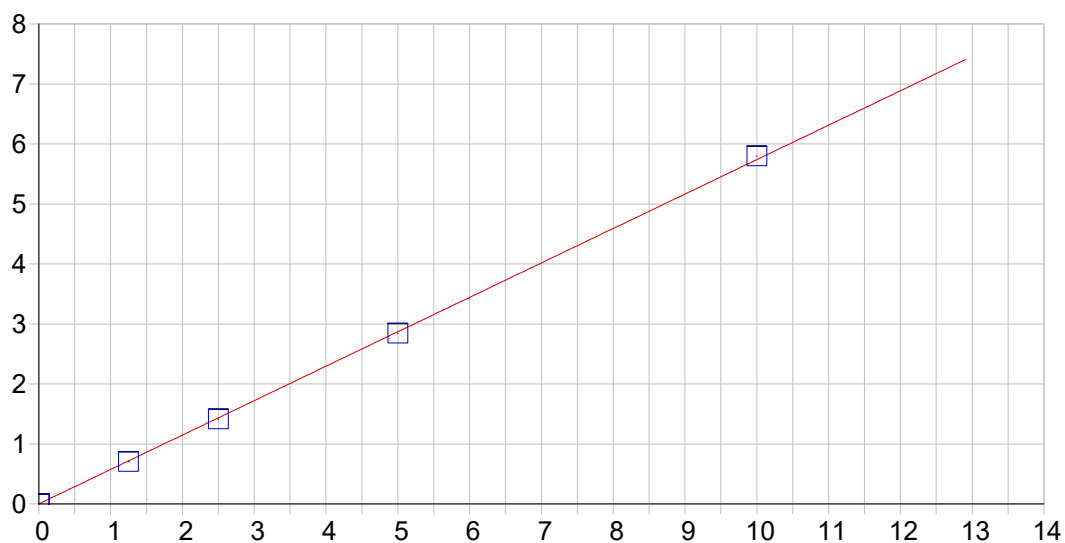


B 249.678 {135}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001276	Re-Slope:	1.000000
A1 (Gain):	0.568550	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996968	Status:	OK.
Std Error of Est:	0.002188		
Predicted MDL:	0.000906		
Predicted MQL:	0.003020		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00008	.000	.000	.00132	.000	1
S1	.10000	.00857	-.091	-91.4	.00603	.001	1
S2	1.2500	1.3142	.064	5.14	.69689	.004	1
S3	2.5000	2.5962	.096	3.85	1.3742	.014	1
S4	5.0000	5.1419	.142	2.84	2.7184	.007	1
S5	10.000	9.7961	-.204	-2.04	5.1582	.074	1

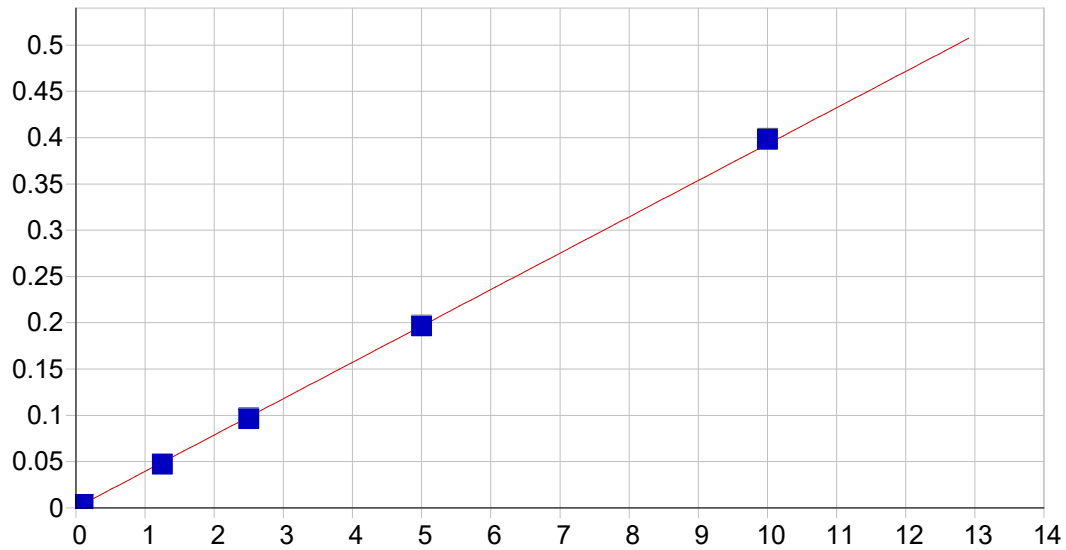


Mo 202.030 {467}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000170	Re-Slope:	1.000000
A1 (Gain):	0.573787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.000366		
Predicted MQL:	0.001222		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.01000	.00976	-.000	-2.36	.00577	.000	1
S2	1.2500	1.2282	-.022	-1.74	.70490	.001	1
S3	2.5000	2.4649	-.035	-1.41	1.4145	.004	1
S4	5.0000	4.9548	-.045	-.903	2.8432	.004	1
S5	10.000	10.102	.102	1.02	5.7967	.005	1

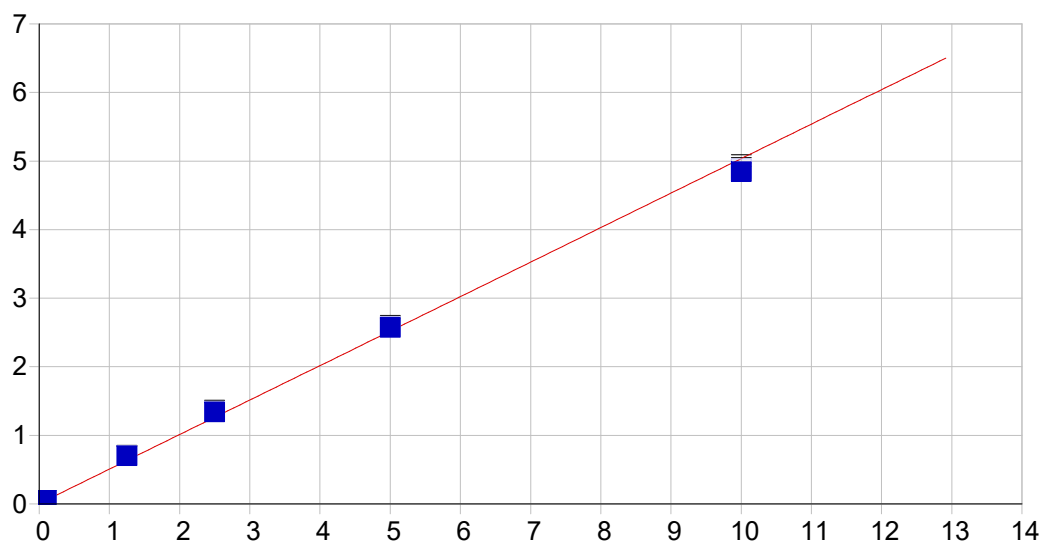


S 182.034 {485}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000179 Re-Slope: 1.000000
 A1 (Gain): 0.039280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000038
 Predicted MDL: 0.004022
 Predicted MQL: 0.013408

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00018	.000	1
S1	.10000	.08986	-.010	-10.1	.00371	.000	1
S2	1.2500	1.1923	-.058	-4.61	.04712	.000	1
S3	2.5000	2.4459	-.054	-2.16	.09646	.001	1
S4	5.0000	4.9978	-.002	-.045	.19690	.000	1
S5	10.000	10.124	.124	1.24	.39868	.001	1

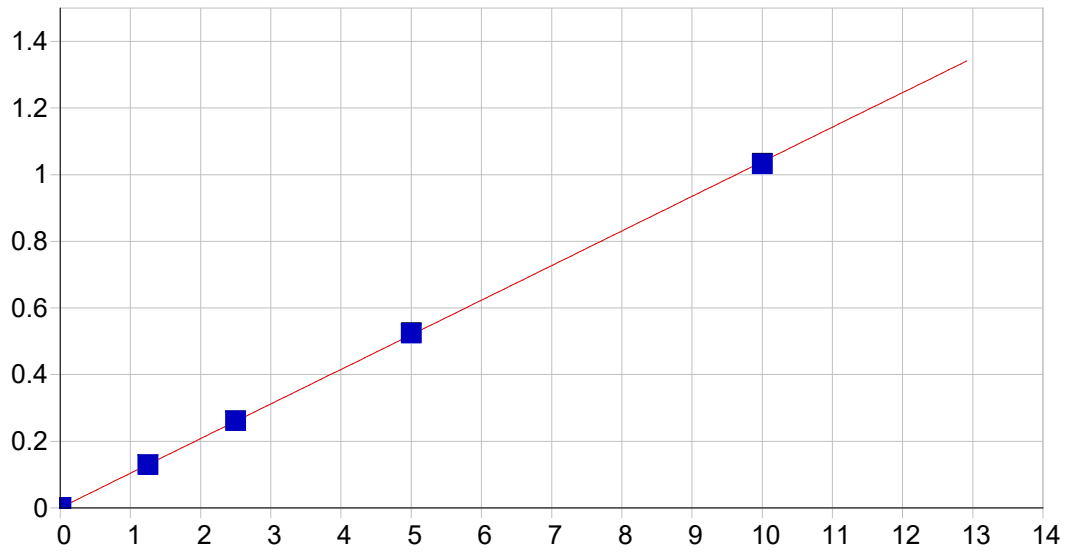


Si 251.611 {134}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004809	Re-Slope:	1.000000
A1 (Gain):	0.503038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998948	Status:	OK.
Std Error of Est:	0.001238		
Predicted MDL:	0.001045		
Predicted MQL:	0.003483		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00480	.001	1
S1	.10000	.09730	-.003	-2.70	.05393	.001	1
S2	1.2500	1.3810	.131	10.5	.70506	.004	1
S3	2.5000	2.6576	.158	6.30	1.3528	.015	1
S4	5.0000	5.0985	.098	1.97	2.5918	.012	1
S5	10.000	9.6157	-.384	-3.84	4.8864	.061	1

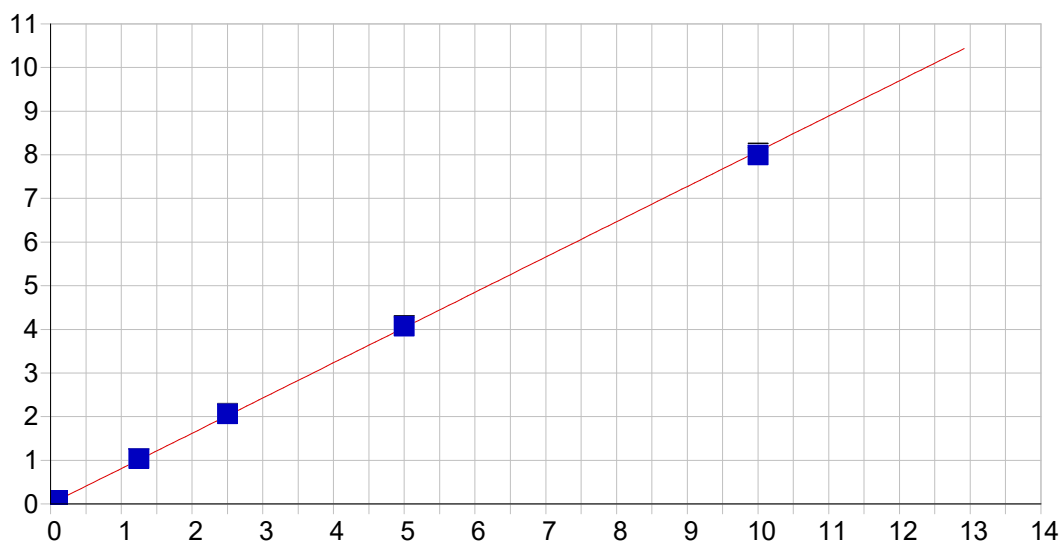


Sn 189.989 {478}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000222	Re-Slope:	1.000000
A1 (Gain):	0.103844	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.001318		
Predicted MQL:	0.004392		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00700	.00523	-.002	-25.3	.00074	.000	1
S2	1.2500	1.2494	-.001	-.046	.12970	.000	1
S3	2.5000	2.5156	.016	.626	.26092	.000	1
S4	5.0000	5.0440	.044	.880	.52293	.001	1
S5	10.000	9.9427	-.057	-.573	1.0306	.002	1

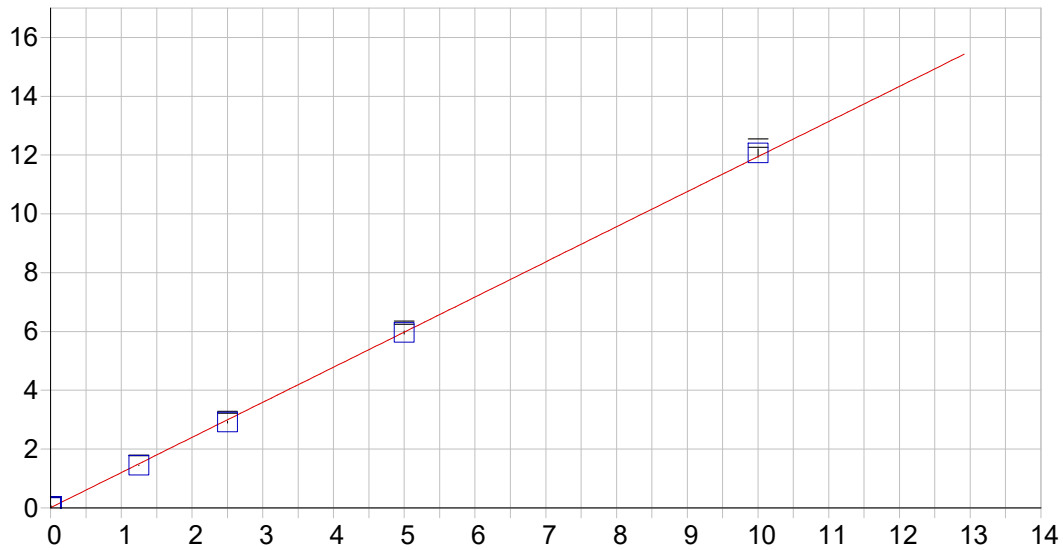


Ti 336.121 {100}

Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002610	Re-Slope:	1.000000
A1 (Gain):	0.807859	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000589		
Predicted MDL:	0.000926		
Predicted MQL:	0.003088		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00261	.000	1
S1	.10000	.09292	-.007	-7.08	.07765	.001	1
S2	1.2500	1.2778	.028	2.22	1.0345	.008	1
S3	2.5000	2.5504	.050	2.02	2.0623	.010	1
S4	5.0000	5.0361	.036	.722	4.0697	.017	1
S5	10.000	9.8928	-.107	-1.07	7.9918	.046	1

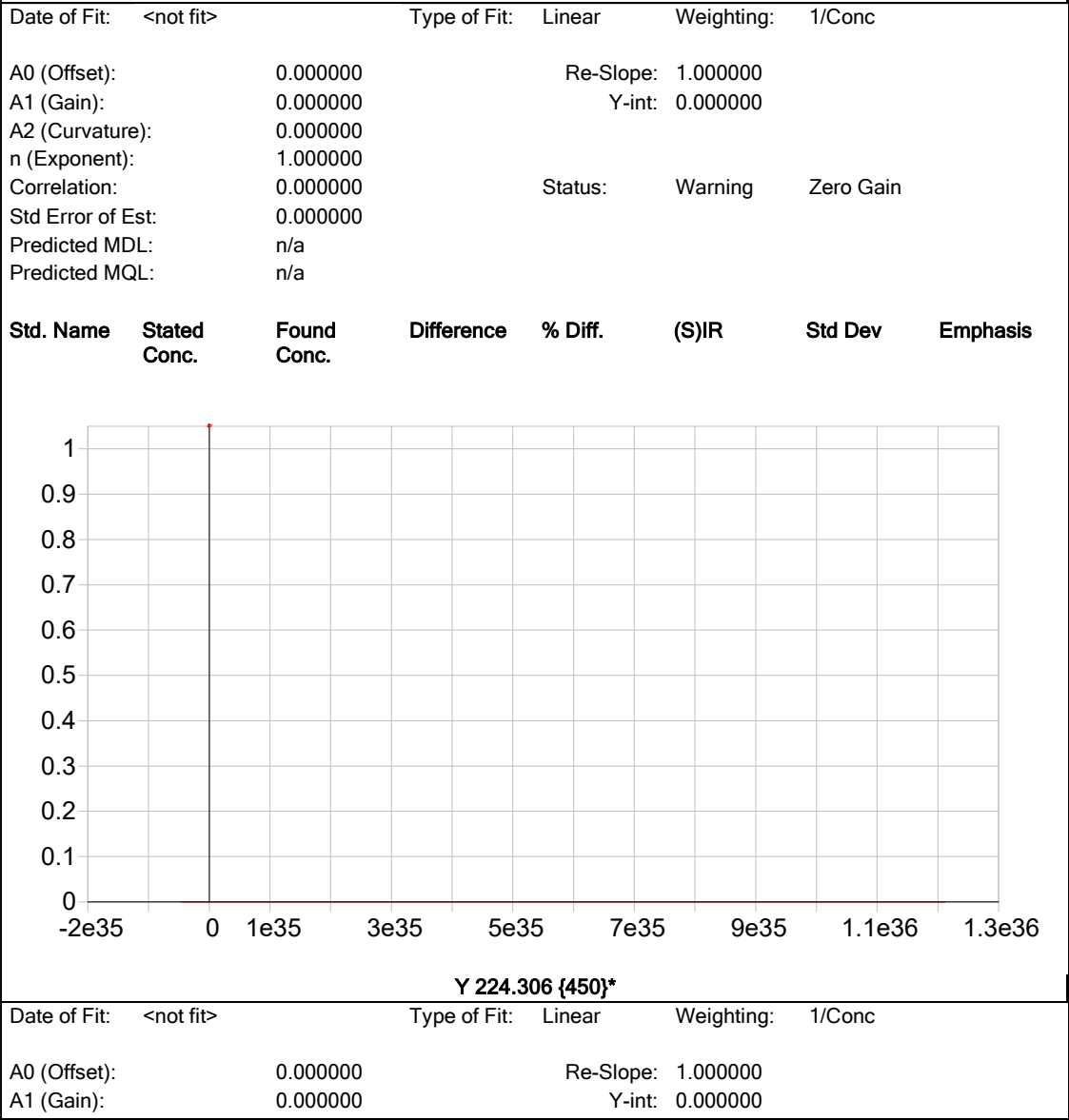
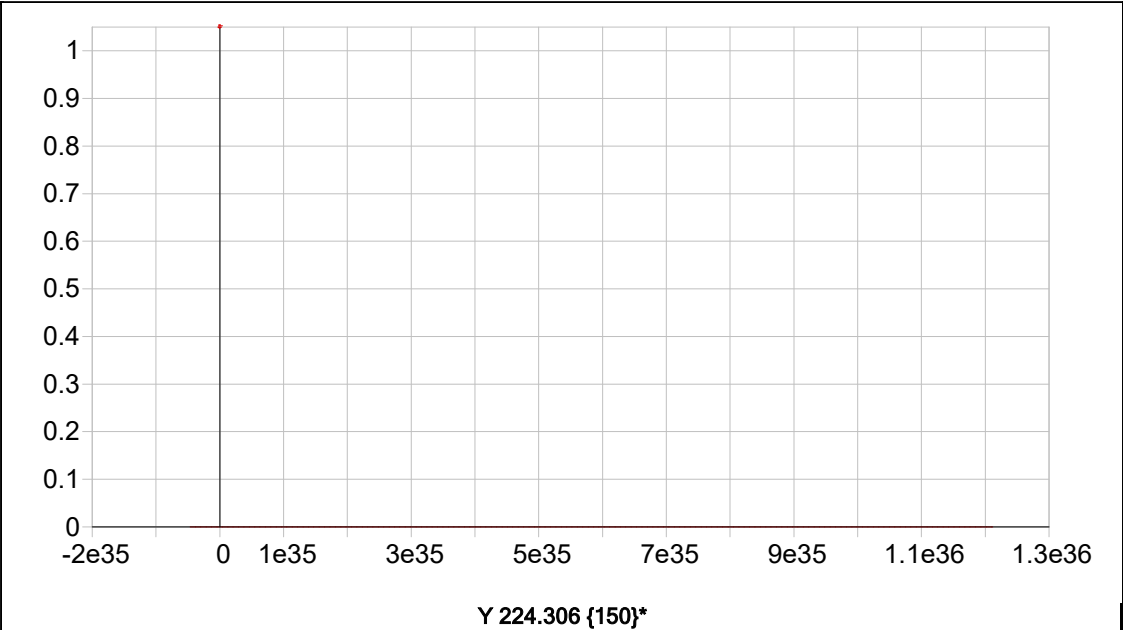


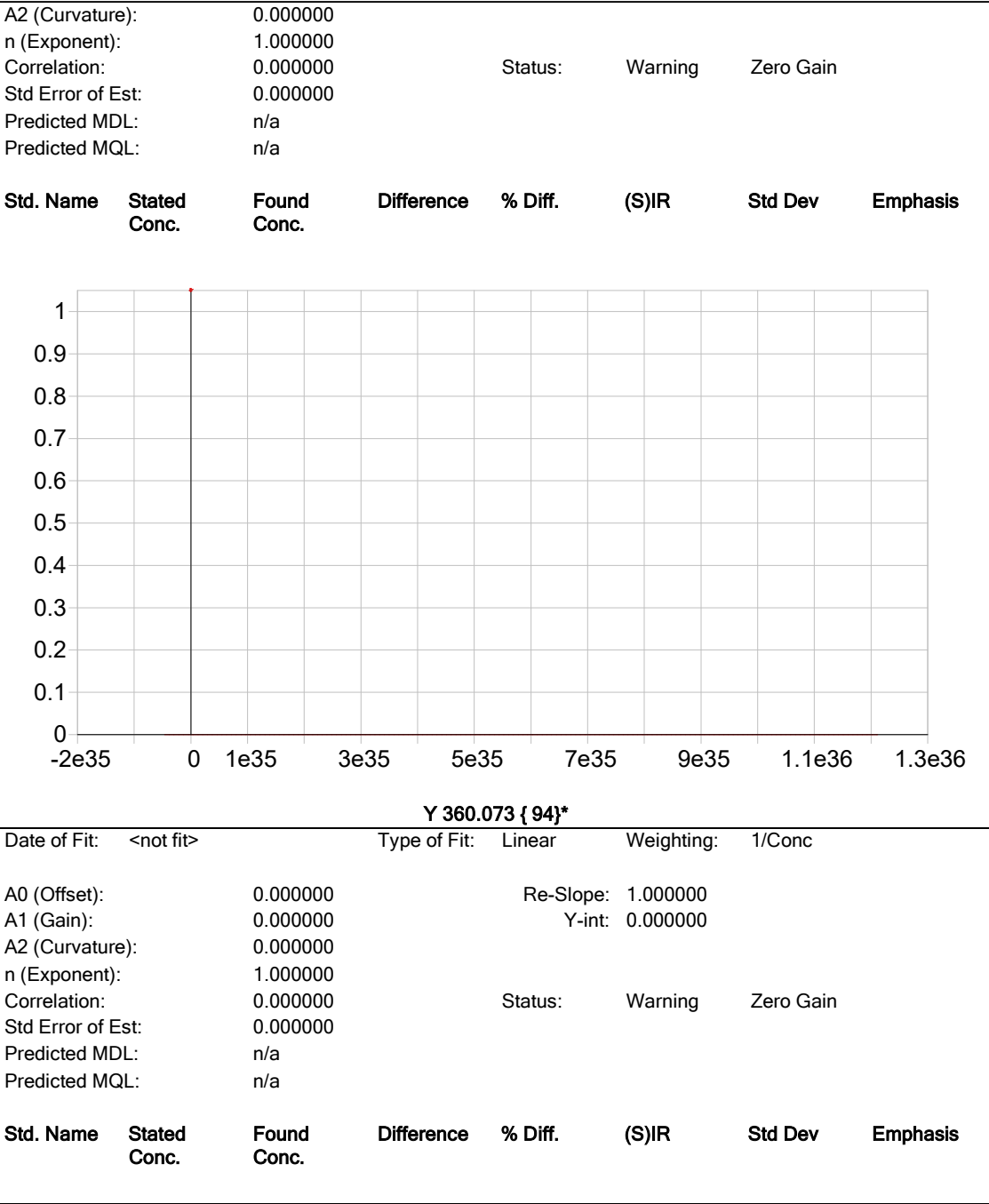
Li 670.784 { 50}

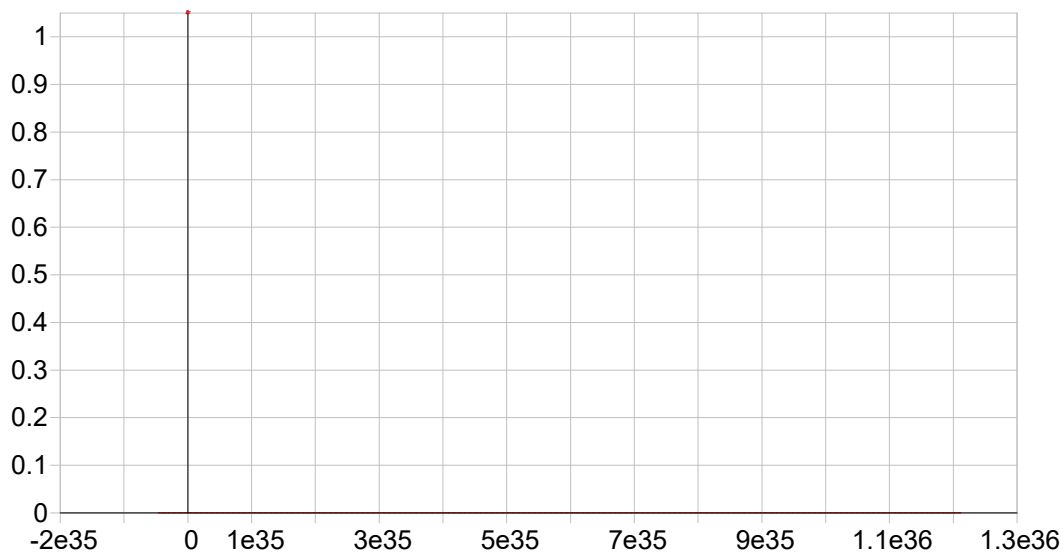
Date of Fit: 10/01/2019 13:09:59 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009461 Re-Slope: 1.000000
 A1 (Gain): 1.193975 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998613 Status: OK.
 Std Error of Est: 0.001293
 Predicted MDL: 0.001607
 Predicted MQL: 0.005357

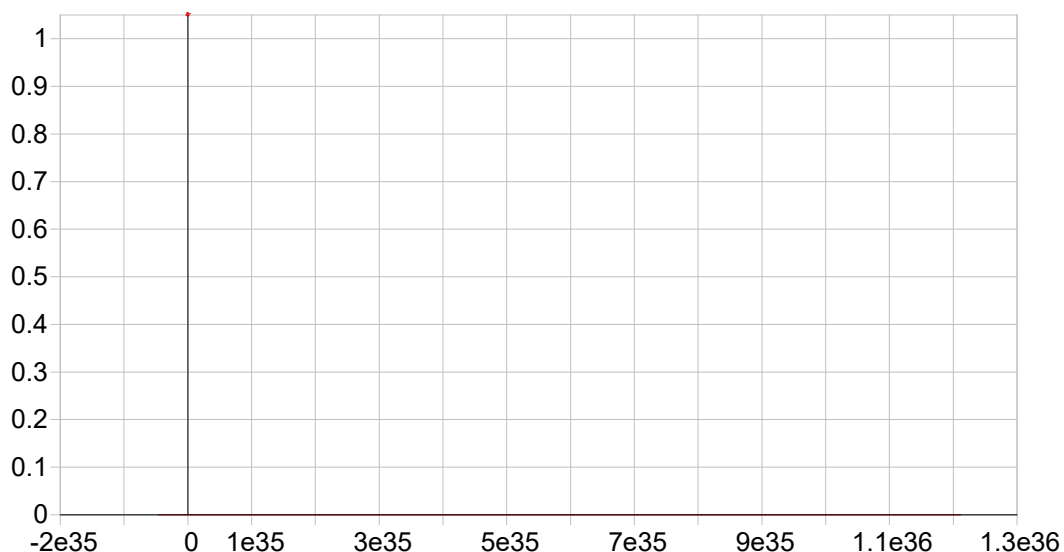
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00943	.001	1
S5	10.000	10.099	.099	.991	12.068	.139	1
S4	5.0000	4.9860	-.014	-.280	5.9626	.052	1
S3	2.5000	2.4344	-.066	-2.62	2.9161	.034	1
S2	1.2500	1.2037	-.046	-3.70	1.4467	.012	1
S1	.01500	.04174	.027	178.	.05930	.001	1



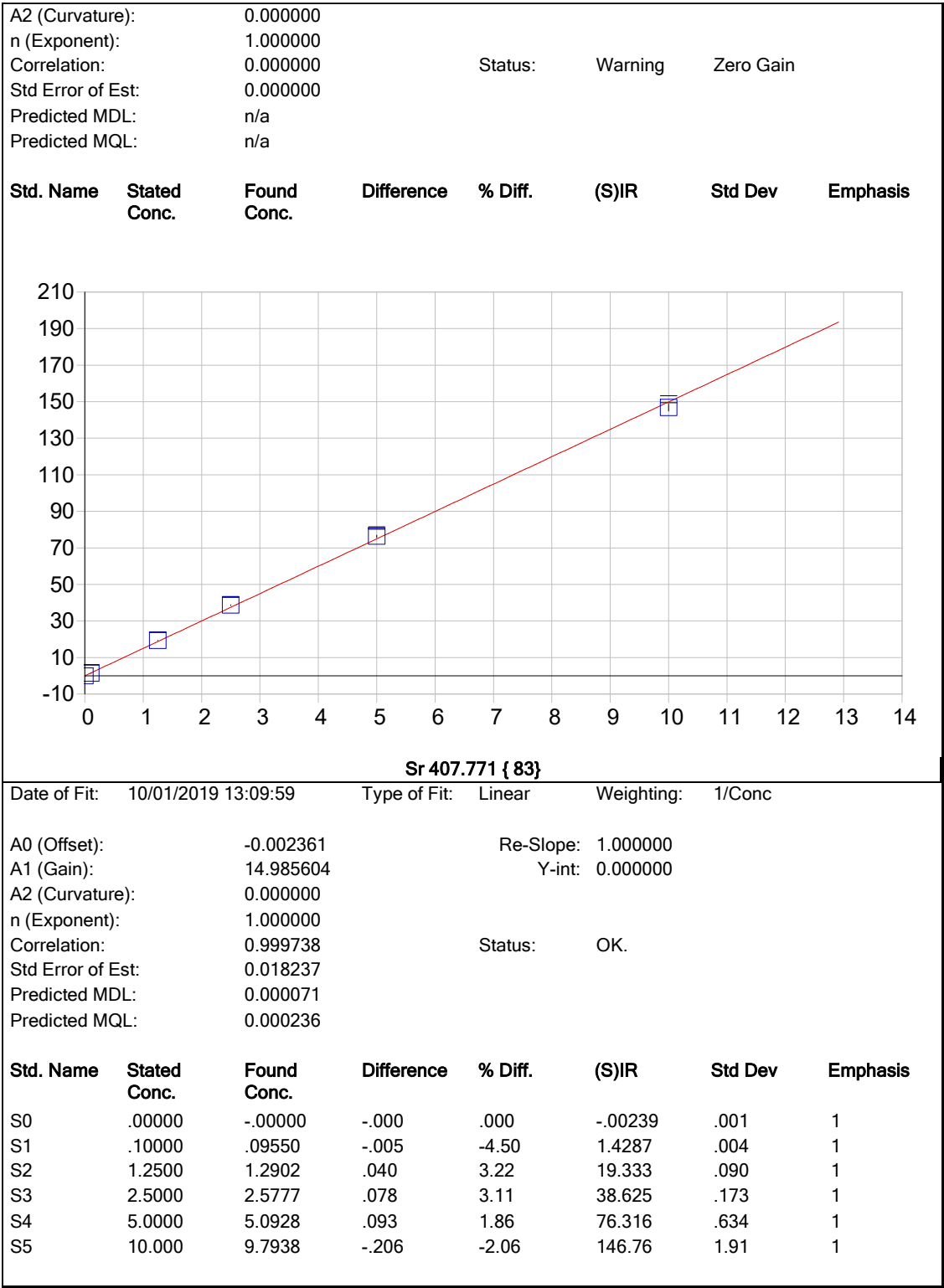




Y 371.030 { 91}*



In 230.606 {446}*



Sample Name: S0 Acquired: 10/01/2019 12:16:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	-.00016	-.00049	.00042	.00042	.00046	.00698	.00455	-.00143
Stddev	.00007	.00012	.00024	.00014	.00032	.00030	.00136	.00042
%RSD	41.967	24.560	58.016	32.423	68.882	4.3038	30.000	29.312
#1	-.00018	-.00060	.00070	.00036	.00077	.00687	.00301	-.00152
#2	-.00008	-.00036	.00026	.00058	.00048	.00675	.00562	-.00180
#3	-.00021	-.00051	.00030	.00033	.00013	.00732	.00502	-.00098
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	-.00017	.00118	.00004	.00054	.00372	.00036	.00063	-.00036
Stddev	.00038	.00020	.00007	.00038	.00055	.00012	.00009	.00020
%RSD	222.47	16.904	184.55	69.726	14.676	32.123	14.353	56.537
#1	-.00059	.00110	.00011	.00019	.00350	.00044	.00057	-.00013
#2	-.00007	.00141	-.00000	.00049	.00434	.00023	.00060	-.00049
#3	.00015	.00103	-.00000	.00094	.00332	.00042	.00074	-.00046
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	-.00179	-.00075	-.00902	.00037	.00135	.02684	-.00079	.00132
Stddev	.00012	.00012	.00056	.00028	.00084	.00047	.00008	.00038
%RSD	6.4682	16.545	6.2062	76.685	62.241	1.7662	9.5475	29.052
#1	-.00171	-.00088	-.00966	.00021	.00207	.02694	-.00074	.00155
#2	-.00175	-.00076	-.00879	.00069	.00156	.02633	-.00075	.00154
#3	-.00192	-.00063	-.00861	.00020	.00043	.02726	-.00088	.00088
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	.00017	.00018	.00480	.00022	.00261	.00943	-.00239	
Stddev	.00007	.00006	.00101	.00018	.00039	.00150	.00074	
%RSD	42.240	35.416	20.963	78.886	14.992	15.887	31.201	
#1	.00010	.00025	.00495	.00016	.00252	.01112	-.00167	
#2	.00025	.00015	.00573	.00042	.00304	.00892	-.00233	
#3	.00016	.00013	.00373	.00009	.00228	.00826	-.00315	

Sample Name: S0 Acquired: 10/01/2019 12:16:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	1405.3	2587.7	32757.	6284.2	2719.3
Stddev	8.7	1.3	76.	54.9	4.0
%RSD	.61731	.05042	.23340	.87386	.14782
#1	1414.2	2586.3	32672.	6324.1	2723.7
#2	1396.8	2588.2	32781.	6221.6	2715.9
#3	1405.0	2588.8	32819.	6306.9	2718.1

Sample Name: S1 Acquired: 10/01/2019 12:20:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.00142	.00321	.00266	.00907	.02861	.77774	.02488
Stddev	.00008	.00004	.00033	.00015	.00026	.00071	.00432	.00029
%RSD	29.334	2.5409	10.178	5.4804	2.8176	2.4890	.55587	1.1831

#1	.00020	.00139	.00308	.00278	.00930	.02900	.77460	.02458
#2	.00028	.00140	.00297	.00250	.00880	.02905	.77594	.02491
#3	.00037	.00146	.00359	.00271	.00913	.02779	.78267	.02516

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	.02071	.49490	.00214	.05409	.01122	.00683	.01841	.08125
Stddev	.00030	.00323	.00003	.00009	.00034	.00063	.00057	.00007
%RSD	1.4282	.65194	1.5006	.17312	2.9917	9.1609	3.1233	.08649

#1	.02105	.49346	.00210	.05416	.01160	.00617	.01886	.08117
#2	.02060	.49265	.00217	.05413	.01109	.00741	.01776	.08127
#3	.02049	.49860	.00214	.05398	.01096	.00690	.01860	.08131

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	.02381	.00427	.02206	.00868	.03724	.13489	-.00041	.00603
Stddev	.00036	.00005	.00176	.00017	.00052	.00278	.00018	.00055
%RSD	1.5055	1.1821	7.9934	1.9922	1.3918	2.0626	43.990	9.0450

#1	.02411	.00424	.02114	.00873	.03783	.13800	-.00057	.00629
#2	.02341	.00433	.02095	.00883	.03702	.13264	-.00022	.00541
#3	.02389	.00424	.02410	.00849	.03687	.13403	-.00044	.00640

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	.00577	.00371	.05393	.00074	.07765	.05930	1.4287	
Stddev	.00006	.00009	.00071	.00013	.00068	.00112	.0037	
%RSD	1.0938	2.3839	1.3235	17.212	.87648	1.8930	.25996	

#1	.00584	.00381	.05374	.00072	.07800	.05822	1.4330	
#2	.00573	.00365	.05334	.00088	.07687	.05921	1.4260	
#3	.00575	.00367	.05473	.00063	.07809	.06046	1.4272	

Sample Name: S1 Acquired: 10/01/2019 12:20:57 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	1406.4	2587.5	32667.	6317.2	2727.7
Stddev	20.0	7.9	236.	48.8	4.7
%RSD	1.4225	.30657	.72211	.77230	.17107
#1	1384.4	2580.3	32489.	6309.3	2722.5
#2	1423.4	2596.0	32935.	6369.5	2729.1
#3	1411.5	2586.2	32578.	6272.8	2731.5

Sample Name: S3 Acquired: 10/01/2019 12:28:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.10165	.19407	3.4785	.15364	.38130	8.8452	20.330	1.3616
Stddev	.00025	.00047	.0034	.00035	.00130	.0506	.187	.0137
%RSD	.24177	.24108	.09891	.22896	.34076	.57192	.92066	1.0031

#1	.10175	.19365	3.4769	.15358	.37982	8.8352	20.395	1.3658
#2	.10137	.19399	3.4760	.15332	.38184	8.8003	20.119	1.3463
#3	.10183	.19458	3.4824	.15402	.38225	8.9000	20.476	1.3726

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	5.4877	12.664	1.5793	1.4463	2.2574	4.8876	8.7417	2.0969
Stddev	.0144	.125	.0008	.0029	.0002	.0432	.0636	.0140
%RSD	.26296	.98359	.04990	.19672	.00718	.88375	.72771	.66913

#1	5.4760	12.707	1.5786	1.4450	2.2573	4.8912	8.7712	2.1018
#2	5.4832	12.523	1.5791	1.4444	2.2574	4.8428	8.6687	2.0811
#3	5.5038	12.761	1.5802	1.4496	2.2576	4.9290	8.7852	2.1079

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	.81697	.31671	.49048	.21200	4.8688	1.8027	.13743	1.3742
Stddev	.00103	.00128	.00541	.00126	.0272	.0073	.00080	.0136
%RSD	.12577	.40474	1.1026	.59412	.55912	.40595	.58481	.98610

#1	.81582	.31780	.48966	.21204	4.8882	1.7977	.13655	1.3794
#2	.81731	.31529	.48552	.21073	4.8805	1.7993	.13761	1.3588
#3	.81779	.31704	.49624	.21325	4.8377	1.8111	.13812	1.3844

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	1.4145	.09646	1.3528	.26092	2.0623	2.9161	38.625
Stddev	.0043	.00052	.0149	.00029	.0102	.0345	.173
%RSD	.30503	.53570	1.1013	.11306	.49322	1.1823	.44721

#1	1.4097	.09589	1.3589	.26069	2.0614	2.9313	38.551
#2	1.4155	.09691	1.3358	.26081	2.0526	2.8766	38.502
#3	1.4182	.09658	1.3637	.26125	2.0729	2.9404	38.823

Sample Name: S3 Acquired: 10/01/2019 12:28:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	1282.1	2400.5	31069.	6227.5	2404.5
Stddev	5.6	5.4	166.	78.7	4.9
%RSD	.43917	.22517	.53459	1.2641	.20534
#1	1277.9	2406.8	31140.	6216.9	2409.6
#2	1288.5	2397.3	31189.	6311.0	2404.3
#3	1280.0	2397.6	30880.	6154.6	2399.7

Sample Name: S5 Acquired: 10/01/2019 12:36:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.42576	.72436	13.660	.59553	1.6019	35.281	78.330	5.1627
Stddev	.00056	.00115	.003	.00126	.0026	.590	.544	.0595
%RSD	.13135	.15914	.02226	.21158	.15993	1.6720	.69483	1.1528

#1	.42575	.72503	13.662	.59517	1.6004	35.612	78.539	5.1933
#2	.42520	.72303	13.657	.59450	1.6006	34.600	77.712	5.0941
#3	.42632	.72503	13.661	.59693	1.6049	35.631	78.738	5.2007

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	20.867	48.448	5.9348	5.6291	8.8198	18.294	33.062	8.2569
Stddev	.025	.553	.0105	.0032	.0118	.165	.330	.0607
%RSD	.12045	1.1407	.17623	.05725	.13360	.89939	.99954	.73450

#1	20.872	48.785	5.9312	5.6256	8.8247	18.384	33.247	8.2924
#2	20.839	47.811	5.9267	5.6297	8.8284	18.105	32.681	8.1869
#3	20.888	48.749	5.9466	5.6319	8.8064	18.395	33.259	8.2915

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1418	1.2599	1.9660	.80975	21.039	7.3437	.56343	5.1582
Stddev	.0029	.0097	.0160	.00493	.067	.0181	.00120	.0737
%RSD	.09179	.77112	.81518	.60879	.31811	.24580	.21288	1.4292

#1	3.1386	1.2512	1.9680	.81235	21.051	7.3621	.56482	5.1833
#2	3.1429	1.2581	1.9490	.80407	21.099	7.3431	.56273	5.0752
#3	3.1440	1.2704	1.9809	.81284	20.967	7.3260	.56274	5.2161

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.7967	.39868	4.8864	1.0306	7.9918	12.068	146.76
Stddev	.0047	.00062	.0615	.0016	.0462	.139	1.91
%RSD	.08094	.15645	1.2581	.15246	.57808	1.1535	1.3013

#1	5.7983	.39911	4.9074	1.0307	7.9984	12.176	148.80
#2	5.7915	.39796	4.8171	1.0289	7.9427	11.910	146.47
#3	5.8005	.39896	4.9345	1.0320	8.0344	12.116	145.02

Sample Name: S5 Acquired: 10/01/2019 12:36:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	1069.7	2064.7	29128.	6006.5	2107.9
Stddev	6.7	2.2	37.	68.0	1.3
%RSD	.62954	.10468	.12594	1.1326	.06270
#1	1063.3	2064.8	29159.	5950.1	2106.8
#2	1069.0	2066.7	29136.	6082.1	2109.4
#3	1076.7	2062.4	29087.	5987.5	2107.5

Sample Name: S4 Acquired: 10/01/2019 12:32:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.20665	.37864	6.9732	.29983	.77635	17.807	40.124	2.6859
Stddev	.00059	.00090	.0181	.00065	.00180	.078	.183	.0086
%RSD	.28375	.23732	.26029	.21812	.23197	.43643	.45484	.31934

#1	.20636	.37760	6.9705	.30052	.77683	17.735	40.203	2.6902
#2	.20626	.37916	6.9566	.29977	.77435	17.889	39.916	2.6760
#3	.20732	.37916	6.9926	.29921	.77785	17.796	40.254	2.6915

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	10.798	25.048	3.0914	2.8803	4.4632	9.5115	17.157	4.1904
Stddev	.008	.157	.0023	.0040	.0136	.0517	.100	.0207
%RSD	.07296	.62710	.07437	.13969	.30422	.54403	.58261	.49463

#1	10.792	24.890	3.0923	2.8804	4.4518	9.4637	17.066	4.1683
#2	10.794	25.204	3.0931	2.8762	4.4782	9.5664	17.264	4.2094
#3	10.806	25.050	3.0888	2.8843	4.4597	9.5043	17.141	4.1935

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	1.6185	.63236	.98806	.41669	9.9156	3.6483	.27956	2.7184
Stddev	.0046	.00526	.00461	.00307	.0623	.0084	.00082	.0068
%RSD	.28527	.83193	.46642	.73635	.62849	.23166	.29199	.25040

#1	1.6200	.62807	.98303	.41481	9.8664	3.6388	.27863	2.7214
#2	1.6133	.63823	.99209	.42023	9.9857	3.6550	.28018	2.7106
#3	1.6222	.63079	.98905	.41504	9.8948	3.6511	.27987	2.7231

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	2.8432	.19690	2.5918	.52293	4.0697	5.9626	76.316
Stddev	.0040	.00037	.0118	.00094	.0170	.0523	.634
%RSD	.14215	.18845	.45486	.17970	.41900	.87749	.83032

#1	2.8432	.19689	2.5992	.52202	4.0540	5.9095	77.047
#2	2.8392	.19728	2.5782	.52288	4.0878	6.0141	75.982
#3	2.8473	.19654	2.5980	.52390	4.0672	5.9643	75.920

Sample Name: S4 Acquired: 10/01/2019 12:32:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	1204.1	2267.8	30371.	6097.8	2262.5
Stddev	4.0	1.7	276.	11.9	2.1
%RSD	.33113	.07313	.90910	.19556	.09302
#1	1207.3	2269.6	30607.	6110.1	2264.6
#2	1199.6	2267.3	30068.	6086.2	2262.5
#3	1205.3	2266.4	30439.	6097.1	2260.4

Sample Name: ICV Acquired: 10/01/2019 12:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.9757380	1.082662	1.008144	1.045097	1.004830	2.499133
Stddev	.0030801	.004607	.000936	.005531	.000662	.019933
%RSD	.3156700	.4255664	.0928487	.5291957	.0658638	.7976150

#1	.9738509	1.077474	1.007107	1.038858	1.005591	2.522142
#2	.9740708	1.084236	1.008399	1.047034	1.004507	2.488157
#3	.9792923	1.086276	1.008926	1.049398	1.004392	2.487100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5218577	.5086011	.5127176	10.86458	.5149475	.5076352
Stddev	.0065531	.0034957	.0010697	.11342	.0011048	.0018898
%RSD	1.255723	.6873178	.2086344	1.043898	.2145497	.3722840

#1	.5293503	.5126347	.5119494	10.99553	.5162101	.5069577
#2	.5190272	.5067163	.5122640	10.79755	.5144743	.5061775
#3	.5171957	.5064522	.5139394	10.80067	.5141581	.5097704

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4884956	5.343317	.5202236	6.245102	.5240521	.5050408
Stddev	.0038102	.065471	.0038402	.050952	.0013325	.0043730
%RSD	.7799873	1.225281	.7381777	.8158760	.2542589	.8658729

#1	.4842203	5.418886	.5244221	6.303724	.5227685	.5089886
#2	.4897338	5.307402	.5168889	6.220115	.5239593	.5057935
#3	.4915328	5.303665	.5193597	6.211467	.5254286	.5003403

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26766	.5275854	.9557132	9.479934	F .0058276	F .4592890
Stddev	.05973	.0059403	.0079315	.038113	.0012254	.0042855
%RSD	.5817523	1.125942	.8299005	.4020379	21.02758	.9330828

#1	10.20919	.5339598	.9517208	9.523293	.0064303	.4635823
#2	10.32858	.5222045	.9505712	9.464778	.0044176	.4592736
#3	10.26522	.5265918	.9648476	9.451730	.0066350	.4550112

Sample Name: ICV Acquired: 10/01/2019 12:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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 .4240819	F .0176736	F .4482296	F .4172166	F .4390252	F .0073669
Stddev	.0012585	.0018256	.0045883	.0013483	.0029459	.0004577
%RSD	.2967614	10.32962	1.023657	.3231638	.6710030	6.212419
#1	.4229075	.0177660	.4534244	.4175300	.4423480	.0077381
#2	.4239279	.0158035	.4465339	.4157392	.4367334	.0075069
#3	.4254104	.0194512	.4447304	.4183805	.4379941	.0068556

Elem	Sr4077
Units	ppm
Avg	F .0117983
Stddev	.0000346
%RSD	.2933636
#1	.0118297
#2	.0117612
#3	.0118041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.845	2604.505	32979.91	6412.520	2726.264
Stddev	2.185	6.002	267.81	61.811	6.736
%RSD	.1552177	.2304530	.8120469	.9639159	.2470680
#1	1405.984	2600.624	32693.90	6342.632	2722.314
#2	1410.251	2611.419	33021.07	6434.919	2734.042
#3	1407.300	2601.474	33224.75	6460.009	2722.437

Sample Name: S6 Acquired: 10/01/2019 12:40:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	92.235	75.741	47.839	13.517	5.3514
Stddev	1.199	.945	.357	.071	.0141
%RSD	1.2999	1.2474	.74714	.52557	.26383

#1	90.851	74.686	47.447	13.438	5.3374
#2	92.928	76.510	47.923	13.535	5.3510
#3	92.926	76.025	48.147	13.576	5.3657

Int. Std.	Y_3710
Units	Cts/S
Avg	5963.0
Stddev	41.8
%RSD	.70035

#1	6011.1
#2	5942.0
#3	5936.0

Sample Name: ICB Acquired: 10/01/2019 12:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0007620	.0008847	.0014771	.0038514	.0003822	-.001609	-.000460
Stddev	.0008411	.0016667	.0025984	.0011637	.0013467	.006847	.000481
%RSD	110.3773	188.3974	175.9137	30.21423	352.3511	425.5371	104.7305

#1	.0012947	.0000537	-.001404	.0037418	.0019228	-.002046	-.000071
#2	-.000208	.0028034	.003643	.0050659	-.000571	.005446	-.000998
#3	.001199	-.000203	.002192	.0027464	-.000205	-.008227	-.000310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000825	.0000505	-.001335	-.000032	-.000031	.0014709	-.001245
Stddev	.0000388	.0000695	.007305	.000139	.000104	.0004578	.005816
%RSD	47.08608	137.4708	547.1266	428.5166	338.7210	31.12422	467.1238

#1	.0000596	.0000012	.007092	.000059	-.000137	.0015836	-.007209
#2	.0000606	.0000205	-.005866	.000035	.000070	.0018619	.004410
#3	.0001273	.0001300	-.005231	-.000192	-.000025	.0009673	-.000937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0083848	.0000283	.0000856	.2760192	-.001261	-.001218
Stddev	.000218	.0139628	.0003237	.0002335	.1145486	.000767	.000775
%RSD	1267.045	166.5258	1142.813	272.7215	41.50024	60.77722	63.65209

#1	.000004	.0228599	.0001960	-.000165	.3859009	-.001962	-.001455
#2	-.000245	.0072965	-.000345	.000298	.2848427	-.001380	-.001848
#3	.000189	-.005002	.000234	.000124	.1573140	-.000442	-.000352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0815304	-.001348	.0082306	-.000049	-.001164	.0009825	.0003383
Stddev	.0605140	.000884	.0001223	.000210	.003424	.0003859	.0006193
%RSD	74.22261	65.57693	1.486100	426.4221	294.0404	39.27732	183.0720

#1	.1407455	-.000330	.0082345	.000137	-.004403	.0008902	.0002745
#2	.0840493	-.001923	.0081064	-.000009	-.001509	.0006512	.0009869
#3	.0197963	-.001790	.0083510	-.000276	.002419	.0014062	-.000247

Sample Name: ICB Acquired: 10/01/2019 12:49:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	-.000081	.0033733	.0000217
Stddev	.000528	.0012957	.0000479
%RSD	651.6998	38.40993	220.7225

#1	-.000065	.0040497	.0000508
#2	.000439	.0041909	-.000034
#3	-.000617	.0018794	.000048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.185	2603.647	32635.92	6309.018	2723.612
Stddev	9.651	.512	274.74	6.851	2.689
%RSD	.6839161	.0196697	.8418203	.1085946	.0987260

#1	1403.489	2604.230	32884.88	6302.793	2721.157
#2	1408.053	2603.272	32341.17	6307.903	2726.486
#3	1422.014	2603.438	32681.73	6316.359	2723.193

Sample Name: ICSAB Acquired: 10/01/2019 12:57:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0902128	.1044549	.0480286	.0509268	.5743448	232.2436
Stddev	.0046437	.0008583	.0028311	.0077496	.0017546	.7423
%RSD	5.147461	.8217059	5.894537	15.21705	.3054966	.3196027

#1	.0955067	.1034967	.0480383	.0585778	.5757775	232.9578
#2	.0883036	.1047145	.0451928	.0430823	.5723878	231.4762
#3	.0868280	.1051534	.0508549	.0511202	.5748691	232.2968

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5126888	.4912341	.9871031	250.8816	.5373726	.4903590
Stddev	.0022139	.0040026	.0017100	1.1295	.0026666	.0006071
%RSD	.4318185	.8148104	.1732364	.4502291	.4962308	.1238159

#1	.5138510	.4958272	.9851437	251.6943	.5352899	.4903898
#2	.5101359	.4893830	.9882944	249.5918	.5403781	.4897371
#3	.5140797	.4884921	.9878713	251.3588	.5364500	.4909502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4577669	96.52743	.5016965	251.8479	.9926241	.2018698
Stddev	.0028223	.66084	.0029202	1.3495	.0019535	.0009784
%RSD	.6165417	.6846150	.5820633	.5358394	.1967974	.4846584

#1	.4609850	97.24076	.5043981	253.2989	.9906663	.2009881
#2	.4566031	95.93607	.4985983	250.6303	.9945732	.2029223
#3	.4557126	96.40545	.5020932	251.6144	.9926329	.2016989

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.331254	.4991843	.9061727	-.324238	F .0107960	-.006532
Stddev	.275174	.0030799	.0031440	.103641	.0019721	.001215
%RSD	83.07034	.6169828	.3469585	31.96434	18.26685	18.60931

#1	-.408610	.4981410	.9041861	-.338181	.0122801	-.006658
#2	-.025681	.4967616	.9097975	-.420202	.0115498	-.007679
#3	-.559470	.5026503	.9045344	-.214332	.0085582	-.005258

Sample Name: ICSAB Acquired: 10/01/2019 12:57:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0001767	F .0003193	F -.000587	-.002886	F -.000047	W .0015507
Stddev	.0008061	.0044988	.001086	.000537	.000387	.0006707
%RSD	456.1287	1408.795	184.8600	18.61302	822.1764	43.25331

#1	-.000258	-.002513	-.001522	-.003506	.000201	.0021300
#2	.001107	.005507	.000604	-.002599	-.000492	.0008159
#3	-.000318	-.002036	-.000845	-.002554	.000150	.0017063

Elem	Sr4077
Units	ppm
Avg	F .0960249
Stddev	.0005043
%RSD	.5252155

#1	.0965063
#2	.0955004
#3	.0960679

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.152	2442.941	30793.20	6199.181	2387.091
Stddev	8.023	4.778	164.67	28.332	3.555
%RSD	.6091406	.1956000	.5347623	.4570248	.1489365

#1	1322.998	2442.051	30971.67	6166.613	2390.697
#2	1308.005	2448.102	30647.15	6212.791	2386.988
#3	1320.455	2438.671	30760.79	6218.140	2383.589

Sample Name: ICSA Acquired: 10/01/2019 12:53:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0034500	-.003710	.0009981	.0076970	.0052656	234.4311
Stddev	.0020827	.002059	.0022079	.0025998	.0013439	.1268
%RSD	60.36862	55.50147	221.2152	33.77633	25.52147	.0541057

#1	.0057964	-.003811	-.001026	.0047512	.0064932	234.2853
#2	.0027330	-.005717	.000668	.0096705	.0054739	234.4919
#3	.0018204	-.001602	.003352	.0086692	.0038298	234.5160

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062549	.0013590	-.000633	252.4441	.0495905	.0003819
Stddev	.0005818	.0001135	.000087	.0469	.0006607	.0000954
%RSD	9.301475	8.348506	13.78952	.0185620	1.332412	24.98288

#1	.0069153	.0013085	-.000538	252.4583	.0496743	.0003197
#2	.0058178	.0012795	-.000652	252.4822	.0502053	.0003343
#3	.0060316	.0014889	-.000710	252.3917	.0488918	.0004918

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021956	97.29484	.0112977	254.1012	.0036104	-.000671
Stddev	.0029832	.20821	.0004214	.5844	.0004549	.000369
%RSD	135.8723	.2139970	3.729936	.2299982	12.60022	54.99780

#1	.0056032	97.18503	.0116793	254.7746	.0041207	-.000521
#2	.0000549	97.53497	.0108454	253.8024	.0034630	-.000400
#3	.0009288	97.16454	.0113683	253.7267	.0032474	-.001091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.495241	.0011105	-.000903	-.189016	F .0107974	-.004275
Stddev	.162003	.0021553	.001588	.058752	.0009334	.000980
%RSD	32.71196	194.0761	175.8779	31.08290	8.644197	22.92138

#1	-.670683	.0021266	-.001979	-.231260	.0115745	-.005347
#2	-.351305	.0025699	.000921	-.121923	.0110554	-.003425
#3	-.463736	-.001365	-.001651	-.213866	.0097621	-.004054

Sample Name: ICSA Acquired: 10/01/2019 12:53:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	-.000254	F -.004205	F -.001163	-.003727	F .0000579	W .0043815
Stddev	.000314	.003054	.001377	.000996	.0001061	.0005231
%RSD	123.5183	72.63630	118.3237	26.71599	183.2657	11.93815

#1	-.000399	-.007693	-.000612	-.002829	-.000063	.0039092
#2	.000106	-.002011	-.002730	-.004797	.000136	.0042917
#3	-.000470	-.002910	-.000148	-.003554	.000101	.0049437

Elem	Sr4077
Units	ppm
Avg	F .0968487
Stddev	.0004584
%RSD	.4732791

#1	.0963381
#2	.0972247
#3	.0969832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1328.273	2442.459	30817.16	6194.749	2378.701
Stddev	8.152	3.570	277.75	4.260	5.239
%RSD	.6136964	.1461699	.9012765	.0687647	.2202431

#1	1325.879	2438.344	30522.50	6197.257	2373.521
#2	1337.354	2444.295	31074.16	6197.159	2378.586
#3	1321.587	2444.737	30854.81	6189.830	2383.997

Sample Name: CCB076 Acquired: 10/01/2019 13:05:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0060501	.0014827	.0019477	.0026092	.0007678	.0246818	.0004465
Stddev	.0025908	.0006484	.0013335	.0047839	.0005096	.0060778	.0002281
%RSD	42.82206	43.72979	68.46681	183.3489	66.36975	24.62471	51.08934

#1	.0037957	.0021956	.0013154	-.001320	.0011711	.0291263	.0006651
#2	.0088804	.0013239	.0034797	.001211	.0001951	.0271632	.0004645
#3	.0054743	.0009284	.0010479	.007937	.0009373	.0177558	.0002099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000633	.0001010	.0192524	.0001420	-.000051	.0000878	.0206475
Stddev	.0000470	.0000134	.0129436	.0002360	.000074	.0003124	.0123322
%RSD	74.18474	13.28712	67.23131	166.2322	145.2730	355.8395	59.72701

#1	.0000093	.0000855	.0286212	-.000051	.000005	.0002693	.0339404
#2	.0000945	.0001074	.0044830	.000071	-.000136	-.000273	.0184234
#3	.0000861	.0001100	.0246530	.000405	-.000023	.000267	.0095788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009682	.0392624	.0002755	-.000100	.1227832	-.000021	-.000226
Stddev	.0003126	.0137222	.0002723	.000362	.0428355	.000628	.001177
%RSD	32.28614	34.95008	98.83982	362.9965	34.88708	2936.073	519.8392

#1	.0013255	.0539677	.0005881	-.000515	.1616922	.000176	.000502
#2	.0007455	.0370201	.0001483	.000073	.0768816	-.000724	.000403
#3	.0008335	.0267994	.0000901	.000144	.1297758	.000484	-.001584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989103	-.000111	.0120601	.0002811	.0014355	.0008382	.0006486
Stddev	.0735009	.002781	.0009549	.0002820	.0037250	.0013530	.0001418
%RSD	74.31075	2503.033	7.917426	100.3350	259.4868	161.4112	21.85632

#1	.0653162	-.002962	.0130730	.0001927	.0008813	-.000658	.0007271
#2	.0482094	.000036	.0119308	.0005967	.0054066	.001976	.0004850
#3	.1832052	.002593	.0111765	.0000538	-.001981	.001197	.0007337

Sample Name: CCB076 Acquired: 10/01/2019 13:05:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0012459	.0053975	.0002764
Stddev	.0003318	.0004341	.0000521
%RSD	26.62915	8.041866	18.83465

#1	.0011770	.0052025	.0003222
#2	.0016067	.0058949	.0002872
#3	.0009540	.0050951	.0002198

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1400.128	2608.895	32706.15	6289.964	2730.591
Stddev	8.047	2.953	205.82	53.253	2.453
%RSD	.5747178	.1132043	.6292925	.8466320	.0898438

#1	1404.552	2607.319	32841.63	6350.303	2728.324
#2	1404.992	2612.302	32807.52	6270.053	2733.196
#3	1390.840	2607.064	32469.31	6249.535	2730.252

Sample Name: CCV076 Acquired: 10/01/2019 13:01:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	4.730215	4.793561	24.25509	4.691816	4.753484	388.3293	9.868767
Stddev	.011199	.010729	.02146	.002646	.012801	5.4581	.109814
%RSD	.2367618	.2238138	.0884745	.0563891	.2692924	1.405544	1.112743

#1	4.719056	4.790566	24.25970	4.691505	4.745688	382.0573	9.751949
#2	4.741454	4.784649	24.27388	4.689339	4.746507	392.0017	9.884464
#3	4.730134	4.805470	24.23171	4.694603	4.768258	390.9288	9.969887

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955629	2.424005	401.2286	14.74522	2.460050	14.73986	395.4286
Stddev	.0051636	.001703	3.6344	.03514	.004043	.04370	1.9860
%RSD	1.041977	.0702558	.9058085	.2383375	.1643429	.2964590	.5022471

#1	.4922880	2.425450	397.5981	14.76715	2.464240	14.71548	394.1341
#2	.5015154	2.424438	404.8668	14.76382	2.456173	14.79031	397.7152
#3	.4928853	2.422127	401.2208	14.70468	2.459736	14.71379	394.4364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.70001	394.8624	2.456638	1.248181	392.9440	2.453260	14.20450
Stddev	.10829	3.0129	.004846	.007213	2.4874	.014767	.04262
%RSD	.7366410	.7630221	.1972615	.5778700	.6330217	.6019292	.3000682

#1	14.61847	392.2059	2.461814	1.246324	390.8829	2.440804	14.25228
#2	14.82287	398.1361	2.452209	1.256140	395.7069	2.469573	14.17040
#3	14.65868	394.2452	2.455891	1.242078	392.2423	2.449405	14.19081

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.5248	4.949777	4.917042	4.740086	4.956678	4.844035	4.906836
Stddev	.5446	.013965	.050354	.002734	.004987	.053661	.007144
%RSD	.3642375	.2821361	1.024079	.0576815	.1006154	1.107776	.1455923

#1	149.2644	4.958848	4.891218	4.739026	4.952271	4.825723	4.899133
#2	150.1508	4.933696	4.975069	4.743192	4.962091	4.904455	4.913244
#3	149.1593	4.956789	4.884838	4.738041	4.955671	4.801927	4.908129

Sample Name: CCV076 Acquired: 10/01/2019 13:01:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	4.906417	5.009801	4.879309
Stddev	.022138	.064557	.074514
%RSD	.4512133	1.288607	1.527141

#1	4.888983	4.944279	4.831115
#2	4.931325	5.073347	4.965134
#3	4.898942	5.011778	4.841678

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.444	2208.531	29453.27	6012.787	2153.099
Stddev	3.921	2.363	104.87	63.066	1.594
%RSD	.3336029	.1069812	.3560583	1.048861	.0740163

#1	1179.854	2211.253	29553.92	6068.180	2152.412
#2	1172.349	2207.006	29344.63	5944.151	2154.921
#3	1174.129	2207.334	29461.25	6026.030	2151.965

Sample Name: PB123509BL Acquired: 10/01/2019 13:11:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS509 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032562	.0006889	.0007881	.0009149	-.000383	-.000250	-.000548
Stddev	.0028713	.0026771	.0007615	.0031006	.000130	.004210	.000382
%RSD	88.18002	388.6335	96.62505	338.9059	33.86748	1684.292	69.75008

#1	.0009105	-.002388	.0016656	.0035684	-.000236	-.004235	-.000285
#2	.0023998	.001973	.0003983	-.002493	-.000429	-.000668	-.000986
#3	.0064582	.002482	.0003004	.001670	-.000482	.004153	-.000372

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000306	.0000662	-.004290	-.000252	.0000149	.0012231	.0044056
Stddev	.0000211	.0000478	.003140	.000451	.0001359	.0025156	.0054123
%RSD	68.96631	72.06736	73.20086	178.9726	908.9834	205.6669	122.8492

#1	.0000517	.0000230	-.001103	-.000649	-.000008	.0006124	.0058955
#2	.0000307	.0001175	-.004384	-.000345	-.000108	-.000931	.0089170
#3	.0000095	.0000583	-.007381	.000238	.000161	.003988	-.001596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000942	.0078360	-.000116	-.000342	.0553317	.0011198	-.002180
Stddev	.0001397	.0348618	.000111	.000306	.2706277	.0012456	.000940
%RSD	148.2641	444.8939	95.38866	89.46463	489.1010	111.2345	43.12290

#1	-.000067	-.012547	.000008	.000010	.0919256	.0003802	-.001876
#2	.000167	.048090	-.000153	-.000545	.3058005	.0004213	-.003234
#3	.000182	-.012035	-.000204	-.000493	-.231731	.0025579	-.001429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.049910	.0006139	.0041469	-.000340	-.000590	-.000157	.0004747
Stddev	.062796	.0020762	.0004978	.000140	.001546	.001197	.0016202
%RSD	125.8184	338.1998	12.00511	41.18472	262.2068	764.4699	341.3151

#1	-.119651	.0010076	.0040539	-.000476	.000966	-.000999	.0023218
#2	-.032231	.0024651	.0037021	-.000196	-.002127	-.000685	-.000706
#3	.002151	-.001631	.0046846	-.000347	-.000608	.001214	-.000192

Sample Name: PB123509BL Acquired: 10/01/2019 13:11:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS509 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000193	.0028935	.0000129
Stddev	.000295	.0004740	.0000713
%RSD	152.4190	16.38225	553.5079

#1	-.000073	.0026169	-.000044
#2	-.000529	.0034409	-.000011
#3	.000022	.0026228	.000093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.981	2595.964	32716.52	6360.018	2721.000
Stddev	3.314	5.678	111.14	32.881	4.616
%RSD	.2348748	.2187429	.3396992	.5169884	.1696389

#1	1413.583	2589.848	32800.68	6371.058	2717.450
#2	1412.110	2596.975	32758.34	6323.038	2719.332
#3	1407.250	2601.069	32590.54	6385.958	2726.218

Sample Name: PB123509BS Acquired: 10/01/2019 13:15:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS509 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229790	.0506737	.0193805	.0698459	.1168797	.3847199
Stddev	.0032920	.0020286	.0000296	.0023141	.0025446	.0048445
%RSD	14.32612	4.003340	.1526472	3.313195	2.177072	1.259226

#1	.0192609	.0490040	.0194065	.0677975	.1196376	.3801163
#2	.0241534	.0529314	.0193866	.0693840	.1163783	.3842696
#3	.0255228	.0500857	.0193483	.0723561	.1146232	.3897739

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4009883	.0099846	.0098312	10.35619	.0205673	.0953832
Stddev	.0032452	.0001474	.0000625	.07104	.0007991	.0002141
%RSD	.8093117	1.476130	.6355330	.6859457	3.885521	.2245089

#1	.3998763	.0098246	.0098204	10.32714	.0197294	.0952562
#2	.4046434	.0101148	.0097749	10.43715	.0206515	.0956304
#3	.3984453	.0100146	.0098984	10.30428	.0213211	.0952629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460983	.1983993	.0321989	9.947320	.0810068	.0204512
Stddev	.0004899	.0017262	.0004224	.069467	.0004679	.0001323
%RSD	1.062741	.8700413	1.311933	.6983494	.5775926	.6471431

#1	.0456082	.1965481	.0321057	9.924967	.0815160	.0204529
#2	.0465880	.1986849	.0326602	10.02521	.0809084	.0205827
#3	.0460986	.1999648	.0318309	9.89178	.0805958	.0203180

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.727536	.1035424	.1095684	9.004498	.0217853	F .0230864
Stddev	.498044	.0017061	.0018460	.094605	.0005933	.0006949
%RSD	5.119944	1.647690	1.684764	1.050644	2.723396	3.009967

#1	9.339642	.1017061	.1105480	8.895586	.0214146	.0224913
#2	9.553783	.1038428	.1107181	9.051621	.0224696	.0238501
#3	10.28918	.1050783	.1074392	9.066287	.0214716	.0229179

Sample Name: PB123509BS Acquired: 10/01/2019 13:15:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS509 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192263	.1754559	.1969063	.0113149	.1919903	F .0897711
Stddev	.0005016	.0030874	.0023514	.0007176	.0007494	.0009448
%RSD	2.609165	1.759615	1.194150	6.341775	.3903185	1.052418

#1	.0188235	.1738878	.1946444	.0121409	.1915042	.0905967
#2	.0190671	.1734672	.1993379	.0109588	.1928533	.0899758
#3	.0197882	.1790125	.1967365	.0108451	.1916134	.0887408

Elem	Sr4077
Units	ppm
Avg	.1917035
Stddev	.0007119
%RSD	.3713571

#1	.1908869
#2	.1921933
#3	.1920304

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.906	2610.999	32591.88	6339.037	2740.868
Stddev	6.972	.902	181.29	55.647	5.902
%RSD	.4948381	.0345506	.5562539	.8778535	.2153242

#1	1403.027	2610.451	32384.09	6358.059	2734.201
#2	1407.084	2612.040	32673.76	6276.372	2745.423
#3	1416.608	2610.505	32717.78	6382.678	2742.980

Sample Name: PB123510BS Acquired: 10/01/2019 13:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS510 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211107	.0501459	.0204636	.0729863	.1171183	.3880461
Stddev	.0004774	.0013700	.0001984	.0007379	.0009671	.0105279
%RSD	2.261649	2.732004	.9696379	1.010982	.8257596	2.713053

#1	.0212387	.0513748	.0205003	.0735088	.1161505	.3768788
#2	.0215110	.0486688	.0206412	.0733080	.1171197	.3894700
#3	.0205822	.0503941	.0202494	.0721422	.1180847	.3977896

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4018073	.0101341	.0097503	10.42360	.0201147	.0949572
Stddev	.0006766	.0001308	.0000773	.05544	.0001994	.0007092
%RSD	.1683930	1.290952	.7930257	.5318854	.9911882	.7468320

#1	.4020663	.0102691	.0096626	10.39488	.0199818	.0957278
#2	.4010395	.0101255	.0097795	10.38841	.0203439	.0948119
#3	.4023162	.0100078	.0098087	10.48751	.0200183	.0943320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434804	.1966233	.0328236	9.991682	.0804712	.0201266
Stddev	.0006998	.0030395	.0002331	.079241	.0003293	.0004124
%RSD	1.609505	1.545863	.7102015	.7930708	.4092544	2.049252

#1	.0442883	.1943270	.0326016	9.940316	.0805956	.0197328
#2	.0430878	.1954727	.0328027	9.951788	.0800978	.0200915
#3	.0430650	.2000701	.0330664	10.08294	.0807202	.0205554

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.999836	.1023796	.1082704	8.962812	.0213073	F .0215393
Stddev	.389787	.0009319	.0023213	.039326	.0017242	.0014458
%RSD	3.897938	.9102697	2.143954	.4387690	8.091957	6.712391

#1	10.42612	.1022448	.1070690	8.968614	.0203146	.0228774
#2	9.91179	.1033716	.1109461	8.998915	.0203090	.0200057
#3	9.66160	.1015224	.1067961	8.920907	.0232982	.0217348

Sample Name: PB123510BS Acquired: 10/01/2019 13:24:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS510 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192912	.1730998	.1984717	.0120891	.1913074	F .0884932
Stddev	.0002128	.0022422	.0004350	.0012275	.0005623	.0019422
%RSD	1.103126	1.295352	.2191580	10.15380	.2939293	2.194738
#1	.0191684	.1726313	.1985158	.0109130	.1906980	.0879715
#2	.0191684	.1755393	.1980164	.0119920	.1914178	.0868652
#3	.0195370	.1711289	.1988829	.0133622	.1918063	.0906430

Elem	Sr4077
Units	ppm
Avg	.1912465
Stddev	.0004936
%RSD	.2580870
#1	.1918137
#2	.1909148
#3	.1910110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.874	2605.809	32376.50	6244.353	2734.206
Stddev	3.299	3.389	90.46	32.834	3.835
%RSD	.2358400	.1300487	.2794033	.5258139	.1402668
#1	1397.244	2608.852	32472.39	6216.579	2735.875
#2	1402.671	2606.418	32364.42	6280.590	2736.923
#3	1396.707	2602.157	32292.68	6235.889	2729.819

Sample Name: K5059-02 Acquired: 10/01/2019 13:40:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0611063	.0016761	.1714290	-.002550	.0045693	37.35195	1.120297
Stddev	.0050337	.0003777	.0030903	.001583	.0012536	.03967	.005826
%RSD	8.237581	22.53244	1.802664	62.05726	27.43526	.1061993	.5200084

#1	.0584395	.0019645	.1745481	-.002991	.0032901	37.39245	1.125205
#2	.0579670	.0018153	.1683683	-.000794	.0057956	37.31317	1.121826
#3	.0669122	.0012486	.1713706	-.003866	.0046222	37.35023	1.113859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076577	.0001879	203.9917	.0760613	.0896203	.2677393	179.3140
Stddev	.0002019	.0000803	1.0043	.0001307	.0007095	.0016235	.7324
%RSD	2.636762	42.72503	.4923470	.1718305	.7916533	.6063716	.4084210

#1	.0076548	.0001046	204.9930	.0759150	.0900352	.2694152	180.1275
#2	.0074573	.0002648	203.9977	.0761666	.0900246	.2661738	179.1074
#3	.0078611	.0001944	202.9843	.0761024	.0888011	.2676291	178.7072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.504436	24.43505	.0795048	-.000212	11.11286	.1423839	.8676499
Stddev	.043620	.19835	.0005735	.000217	.11022	.0015229	.0101854
%RSD	.5129132	.8117483	.7213198	102.2942	.9918249	1.069596	1.173907

#1	8.544170	24.59229	.0797618	-.000460	11.12894	.1407460	.8683362
#2	8.511377	24.50065	.0799047	-.000120	10.99548	.1437571	.8774748
#3	8.457762	24.21221	.0788477	-.000057	11.21416	.1426487	.8571387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.690046	2.233206	.0943759	.0020193	13.85335	1.867400	.0109516
Stddev	.049916	.003740	.0018509	.0002456	.03634	.015823	.0008263
%RSD	1.352710	.1674757	1.961189	12.16115	.2623400	.8473418	7.545304

#1	3.696416	2.228890	.0964049	.0019956	13.83548	1.867304	.0102223
#2	3.736471	2.235228	.0939429	.0022758	13.89517	1.851625	.0118491
#3	3.637252	2.235500	.0927798	.0017864	13.82941	1.883271	.0107834

Sample Name: K5059-02 Acquired: 10/01/2019 13:40:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2274720	.0677106	1.840729
Stddev	.0025507	.0009296	.005724
%RSD	1.121333	1.372831	.3109581

#1	.2304115	.0681193	1.841733
#2	.2261627	.0683659	1.834569
#3	.2258419	.0666468	1.845884

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.029	2856.347	36141.26	7171.842	2546.193
Stddev	11.512	6.726	436.91	30.423	3.937
%RSD	.7475122	.2354764	1.208907	.4241975	.1546339

#1	1530.567	2850.060	36081.04	7137.257	2544.012
#2	1536.674	2863.440	35737.59	7194.468	2543.830
#3	1552.845	2855.542	36605.17	7183.801	2550.739

Sample Name: K5059-04 Acquired: 10/01/2019 13:48:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347893	.0026949	.2461751	-.001685	.0039715	49.62579	.4688601
Stddev	.0012847	.0052645	.0014505	.005175	.0014126	.24408	.0024139
%RSD	3.692797	195.3503	.5892196	307.1416	35.56841	.4918383	.5148492

#1	.0361514	-.002788	.2447798	-.003890	.0043544	49.40888	.4665103
#2	.0335993	.007709	.2460702	.004228	.0024070	49.57842	.4687366
#3	.0346172	.003164	.2476751	-.005393	.0051532	49.89009	.4713334

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092207	.0039807	350.6111	.0969082	.1064216	.1669408	226.6771
Stddev	.0000277	.0000473	2.0678	.0010042	.0005209	.0026535	1.7112
%RSD	.3007401	1.187207	.5897692	1.036293	.4894624	1.589497	.7549081

#1	.0091927	.0039579	348.8737	.0980030	.1059067	.1682159	225.0830
#2	.0092213	.0040351	350.0613	.0966920	.1064097	.1638904	226.4630
#3	.0092481	.0039492	352.8982	.0960297	.1069483	.1687161	228.4853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722515	31.09368	.1323448	-.000800	.4646868	.1505359	3.235009
Stddev	.032796	.15198	.0008582	.000244	.0948987	.0012659	.044547
%RSD	.6944596	.4887781	.6484650	30.48971	20.42207	.8408976	1.377021

#1	4.694107	30.98858	.1326273	-.000521	.5648825	.1499329	3.184255
#2	4.715031	31.02452	.1313809	-.000902	.4530126	.1519905	3.253142
#3	4.758406	31.26794	.1330261	-.000975	.3761654	.1496842	3.267629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.997698	3.727855	-.004435	.0016878	3.842730	2.828458	.0010340
Stddev	.046437	.020208	.005159	.0000784	.020795	.026818	.0005627
%RSD	1.549098	.5420754	116.3348	4.644816	.5411583	.9481516	54.42327

#1	3.025686	3.711390	-.010375	.0016107	3.824593	2.859166	.0007296
#2	2.944094	3.721769	-.001071	.0017675	3.838170	2.809645	.0016834
#3	3.023314	3.750407	-.001859	.0016852	3.865427	2.816562	.0006891

Sample Name: K5059-04 Acquired: 10/01/2019 13:48:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2375783	.0856852	1.057900
Stddev	.0002578	.0012208	.004613
%RSD	.1085258	1.424785	.4360738

#1	.2373618	.0843062	1.052998
#2	.2378636	.0861213	1.058546
#3	.2375096	.0866281	1.062156

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1607.589	2988.070	37733.79	7431.966	2484.336
Stddev	17.753	3.803	444.56	51.962	2.807
%RSD	1.104334	.1272827	1.178144	.6991741	.1129868

#1	1627.962	2987.448	38247.12	7443.427	2486.001
#2	1599.368	2992.146	37479.68	7477.241	2485.912
#3	1595.436	2984.617	37474.59	7375.230	2481.095

Sample Name: K5059-03 Acquired: 10/01/2019 13:44:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361577	.0097571	.2372045	.0094876	.0023593	153.3100	.9513347
Stddev	.0006317	.0020138	.0014339	.0024758	.0006317	.3153	.0052418
%RSD	1.747111	20.63944	.6045074	26.09502	26.77441	.2056384	.5509979

#1	.0360787	.0076927	.2370148	.0102430	.0030122	153.1284	.9469668
#2	.0368253	.0117161	.2358750	.0114978	.0023144	153.1274	.9498899
#3	.0355693	.0098624	.2387239	.0067221	.0017512	153.6740	.9571474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138390	.0015847	55.55312	.2009867	.1131606	.1314168	315.9962
Stddev	.0000553	.0000715	.41875	.0012791	.0003744	.0018848	1.4480
%RSD	.3992963	4.514142	.7537742	.6364190	.3308570	1.434240	.4582380

#1	.0138214	.0015491	55.15891	.2024089	.1135390	.1292736	314.8356
#2	.0139009	.0015380	55.50776	.2006209	.1131524	.1328163	315.5343
#3	.0137946	.0016671	55.99270	.1999304	.1127903	.1321606	317.6189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.500195	18.37154	.1736633	-.001001	-.066233	.3839746	4.518572
Stddev	.020619	.08054	.0003969	.000486	.181620	.0017036	.039292
%RSD	.5890766	.4384110	.2285506	48.57852	274.2140	.4436867	.8695653

#1	3.487730	18.32022	.1740100	-.001539	-.219495	.3838010	4.539479
#2	3.488860	18.33003	.1737495	-.000872	.134369	.3823644	4.542990
#3	3.523994	18.46437	.1732304	-.000592	-.113573	.3857583	4.473247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54095	7.467980	.0041278	.0022769	7.057717	6.399894	.0146656
Stddev	.03462	.012849	.0044603	.0003961	.005447	.055232	.0020933
%RSD	.3283875	.1720591	108.0559	17.39799	.0771770	.8630189	14.27340

#1	10.50104	7.465927	.0088411	.0027175	7.063718	6.366779	.0135860
#2	10.56275	7.481733	.0035690	.0021633	7.053085	6.369249	.0170783
#3	10.55907	7.456282	-.000027	.0019501	7.056349	6.463655	.0133326

Sample Name: K5059-03 Acquired: 10/01/2019 13:44:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4923865	.1422699	.2049731
Stddev	.0017571	.0015130	.0003134
%RSD	.3568533	1.063463	.1528759

#1	.4904547	.1405554	.2046627
#2	.4928153	.1434177	.2049673
#3	.4938895	.1428367	.2052894

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.768	3177.246	40034.37	7837.086	2603.799
Stddev	11.920	5.765	184.39	70.312	5.088
%RSD	.6939374	.1814498	.4605669	.8971685	.1954202

#1	1723.721	3179.756	40141.35	7914.811	2600.084
#2	1704.044	3170.652	39821.46	7818.544	2601.714
#3	1725.539	3181.331	40140.30	7777.904	2609.598

Sample Name: K5059-06 Acquired: 10/01/2019 13:56:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0920970	.0029049	.2179116	-.000912	.0057815	38.49849
Stddev	.0047782	.0021179	.0054934	.005638	.0004958	.11916
%RSD	5.188198	72.90844	2.520938	617.9027	8.575233	.3095069

#1	.0893425	.0053504	.2242224	.005516	.0059328	38.53450
#2	.0976144	.0016789	.2142012	-.005018	.0061840	38.59548
#3	.0893342	.0016854	.2153112	-.003235	.0052277	38.36548

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4617587	.0085466	-.001017	F 1569.682	.2194765	.1178356
Stddev	.0022070	.0002666	.000159	18.832	.0008198	.0004572
%RSD	.4779550	3.119231	15.64842	1.199710	.3735163	.3879717

#1	.4643048	.0088092	-.000968	1579.828	.2189091	.1181013
#2	.4603924	.0082762	-.001195	1547.953	.2204164	.1173077
#3	.4605788	.0085545	-.000888	1581.265	.2191041	.1180978

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247849	248.0027	10.52813	101.6057	.1076266	-.001414
Stddev	.0025499	.8253	.03535	.1701	.0014973	.000358
%RSD	10.28791	.3327728	.3357435	.1674249	1.391229	25.29211

#1	.0218471	248.8917	10.55779	101.7312	.1086682	-.001702
#2	.0264226	247.2610	10.48901	101.4121	.1059107	-.001014
#3	.0260851	247.8553	10.53758	101.6737	.1083009	-.001527

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005288	.2959029	.3397568	2.129287	F 10.73575	-.006513
Stddev	.3409281	.0018387	.0047563	.024951	.04542	.003943
%RSD	64475.61	.6213809	1.399902	1.171782	.4230779	60.54060

#1	.0866444	.2970354	.3373677	2.126528	10.75189	-.006686
#2	-.375200	.2937814	.3452340	2.105830	10.68446	-.002486
#3	.290142	.2968919	.3366686	2.155502	10.77089	-.010366

Sample Name: K5059-06 Acquired: 10/01/2019 13:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026860	9.445078	2.030181	-.000524	.2822962	.0586625
Stddev	.0008565	.053208	.017049	.001306	.0012549	.0011677
%RSD	31.88556	.5633425	.8397986	249.3012	.4445430	1.990511

#1	.0025293	9.495491	2.049170	.000936	.2808603	.0591563
#2	.0036100	9.389458	2.016187	-.001581	.2831830	.0573290
#3	.0019188	9.450284	2.025185	-.000927	.2828452	.0595022

Elem	Sr4077
Units	ppm
Avg	2.290948
Stddev	.003461
%RSD	.1510625

#1	2.293312
#2	2.292556
#3	2.286976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.239	2730.993	34720.90	7094.763	2162.618
Stddev	8.659	5.783	94.57	59.339	4.827
%RSD	.5913886	.2117701	.2723744	.8363759	.2231914

#1	1457.867	2737.671	34780.57	7040.557	2162.828
#2	1460.751	2727.595	34770.27	7158.162	2167.336
#3	1474.098	2727.714	34611.86	7085.570	2157.690

Sample Name: K5059-05 Acquired: 10/01/2019 13:52:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230288	.0043823	.1466713	-.004547	.0016997	77.41880	2.058050
Stddev	.0029115	.0018428	.0016753	.002711	.0024901	.33516	.013887
%RSD	12.64299	42.05094	1.142218	59.62761	146.4985	.4329190	.6747575

#1	.0214029	.0062017	.1463796	-.006428	.0007845	77.44389	2.065400
#2	.0212933	.0044283	.1451610	-.001439	-.000203	77.07179	2.042033
#3	.0263901	.0025170	.1484733	-.005774	.004518	77.74070	2.066717

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101899	.0009486	125.2806	.1470064	.1293024	.0822072	227.3791
Stddev	.0001342	.0000167	.9909	.0004830	.0005179	.0015500	1.6067
%RSD	1.316962	1.760082	.7909581	.3285633	.4005226	1.885417	.7066379

#1	.0101717	.0009581	125.7411	.1464549	.1295434	.0837956	228.2872
#2	.0100657	.0009293	124.1433	.1473539	.1296559	.0806989	225.5240
#3	.0103322	.0009584	125.9575	.1472106	.1287079	.0821271	228.3263

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93394	46.67638	.1238418	-.000378	.5226462	.2521406	2.157933
Stddev	.07888	.28551	.0010644	.000421	.1285671	.0008316	.009482
%RSD	.7213949	.6116730	.8594991	111.3433	24.59927	.3298030	.4393878

#1	10.96895	46.74247	.1239435	-.000360	.4077974	.2529424	2.162098
#2	10.84362	46.36362	.1227302	.000033	.6615373	.2521972	2.164620
#3	10.98925	46.92304	.1248517	-.000808	.4986038	.2512822	2.147082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.895696	3.605824	-.007398	.0014478	4.019189	4.293738	.0031973
Stddev	.041874	.012752	.002302	.0004845	.011947	.043977	.0018688
%RSD	.8553305	.3536507	31.10830	33.46624	.2972457	1.024224	58.44991

#1	4.898105	3.596688	-.004745	.0010145	4.005561	4.313719	.0051217
#2	4.936314	3.600392	-.008847	.0013579	4.024149	4.243317	.0013896
#3	4.852669	3.620393	-.008603	.0019710	4.027857	4.324177	.0030804

Sample Name: K5059-05 Acquired: 10/01/2019 13:52:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.333509	.0846738	.5926111
Stddev	.004793	.0011792	.0010523
%RSD	.3594107	1.392645	.1775775

#1	1.331643	.0833542	.5935920
#2	1.329929	.0850431	.5914995
#3	1.338954	.0856242	.5927417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.128	3044.337	38052.96	7439.540	2557.608
Stddev	11.212	5.371	95.84	69.030	3.029
%RSD	.6873758	.1764348	.2518639	.9278770	.1184339

#1	1621.160	3039.336	37999.10	7387.482	2554.167
#2	1628.957	3050.015	37996.17	7517.843	2559.871
#3	1643.266	3043.661	38163.62	7413.295	2558.785

Sample Name: K5059-08 Acquired: 10/01/2019 14:04:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659700	-.004698	.3109686	-.008600	.0046786	76.08455
Stddev	.0039009	.004923	.0019290	.000972	.0016799	.24595
%RSD	5.913135	104.7869	.6203260	11.29968	35.90694	.3232633

#1	.0672018	-.010333	.3092680	-.007580	.0031582	75.80587
#2	.0616019	-.002534	.3105730	-.008706	.0064821	76.17646
#3	.0691063	-.001228	.3130647	-.009515	.0043953	76.27131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5042549	.0102537	.0046171	464.5146	.3891029	.1696854
Stddev	.0022628	.0000728	.0000936	1.6170	.0012402	.0002493
%RSD	.4487373	.7097262	2.028214	.3481129	.3187240	.1468968

#1	.5017827	.0101954	.0046707	463.6472	.3905089	.1695101
#2	.5047584	.0102303	.0045090	466.3803	.3881643	.1699708
#3	.5062235	.0103352	.0046717	463.5165	.3886355	.1695754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2827476	299.7656	6.331293	44.34125	.2631436	-.001917
Stddev	.0023088	1.8277	.033639	.23428	.0004252	.000169
%RSD	.8165400	.6097083	.5313091	.5283524	.1615730	8.813202

#1	.2810060	297.7892	6.302151	44.12086	.2629990	-.001785
#2	.2818703	300.1127	6.323623	44.31561	.2636222	-.001858
#3	.2853664	301.3948	6.368104	44.58730	.2628096	-.002108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5385370	.2829298	2.486832	4.705369	F 40.55647	-.003948
Stddev	.1023986	.0024870	.006774	.001572	.03094	.001880
%RSD	19.01423	.8790084	.2723805	.0334029	.0762997	47.62968

#1	.4789581	.2801282	2.481012	4.707023	40.55459	-.005759
#2	.4798773	.2837845	2.485215	4.705189	40.58832	-.004078
#3	.6567755	.2848768	2.494267	4.703895	40.52651	-.002006

Sample Name: K5059-08 Acquired: 10/01/2019 14:04:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059216	21.25363	1.822799	.0042313	.8912707	.1178354
Stddev	.0003760	.08175	.020466	.0009321	.0020655	.0012837
%RSD	6.349562	.3846179	1.122797	22.02762	.2317514	1.089388

#1	.0055521	21.34802	1.799738	.0047613	.8888857	.1166438
#2	.0059090	21.20591	1.829858	.0047774	.8924461	.1176679
#3	.0063037	21.20696	1.838802	.0031551	.8924803	.1191947

Elem	Sr4077
Units	ppm
Avg	1.021537
Stddev	.002239
%RSD	.2191644

#1	1.018952
#2	1.022877
#3	1.022781

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1885.755	3521.545	45190.87	9045.760	2374.555
Stddev	3.927	7.216	387.74	27.455	4.213
%RSD	.2082449	.2048960	.8580024	.3035092	.1774396

#1	1881.971	3529.660	44797.56	9072.660	2378.436
#2	1885.485	3519.121	45202.28	9046.837	2370.074
#3	1889.811	3515.853	45572.78	9017.783	2375.155

Sample Name: K5059-07 Acquired: 10/01/2019 14:00:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828706	-.002990	.3696006	-.005063	.0006198	68.16494
Stddev	.0039620	.005263	.0048245	.002580	.0006991	.16314
%RSD	4.780893	176.0163	1.305318	50.95396	112.7875	.2393384

#1	.0812987	.000543	.3724626	-.003565	-.000170	68.13067
#2	.0873773	-.009039	.3640305	-.008042	.000870	68.02165
#3	.0799358	-.000475	.3723088	-.003582	.001160	68.34249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6265421	.0100788	.0068978	366.5840	.3133233	.1714370
Stddev	.0015452	.0000392	.0000954	1.1525	.0008402	.0002360
%RSD	.2466228	.3893009	1.382693	.3143900	.2681658	.1376541

#1	.6265690	.0101155	.0068492	367.0317	.3124629	.1715297
#2	.6249836	.0100374	.0070077	365.2748	.3133653	.1711687
#3	.6280737	.0100834	.0068365	367.4455	.3141417	.1716125

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2283034	266.0270	4.701807	28.08402	.1898446	-.001888
Stddev	.0016116	1.6052	.026646	.09997	.0003142	.000208
%RSD	.7059115	.6034072	.5667088	.3559759	.1655018	11.00694

#1	.2281923	265.4390	4.694850	28.07426	.1896264	-.001775
#2	.2267502	264.7987	4.679329	27.98928	.1897027	-.002127
#3	.2299677	267.8433	4.731240	28.18851	.1902047	-.001760

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3774164	.3603244	F 30.49896	2.503741	F 25.19846	-.013257
Stddev	.1241233	.0015999	.19864	.017581	.08929	.005154
%RSD	32.88763	.4440220	.6513064	.7022015	.3543448	38.87556

#1	.3956540	.3586541	30.33160	2.510919	25.12004	-.018968
#2	.4914120	.3604760	30.44679	2.483706	25.17970	-.011852
#3	.2451833	.3618432	30.71847	2.516597	25.29563	-.008952

Sample Name: K5059-07 Acquired: 10/01/2019 14:00:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052874	55.89944	1.793578	.0070651	.8973525	.0579673
Stddev	.0005209	.15855	.004075	.0025497	.0053531	.0003654
%RSD	9.852003	.2836375	.2271718	36.08845	.5965460	.6304314

#1	.0051198	55.72656	1.797102	.0066517	.8929963	.0575844
#2	.0048709	55.93370	1.794515	.0047474	.8957328	.0580053
#3	.0058715	56.03806	1.789117	.0097963	.9033284	.0583123

Elem	Sr4077
Units	ppm
Avg	.5704101
Stddev	.0022558
%RSD	.3954724

#1	.5689831
#2	.5692364
#3	.5730108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.827	3680.354	46911.93	9327.663	2421.196
Stddev	2.105	5.872	236.92	40.861	2.494
%RSD	.1057933	.1595583	.5050277	.4380672	.1030247

#1	1987.576	3686.274	46930.51	9294.054	2423.526
#2	1991.747	3680.256	47139.01	9373.146	2421.499
#3	1990.158	3674.531	46666.26	9315.788	2418.565

Sample Name: K5059-09 Acquired: 10/01/2019 14:08:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045157	.0318727	.1351535	-.008402	.0104859	217.1901	.3175025
Stddev	.002099	.0060073	.0006852	.008434	.0013469	.6223	.0018383
%RSD	4.648129	18.84790	.5069390	100.3804	12.84473	.2865441	.5789849

#1	-.046827	.0261643	.1345982	-.004651	.0101447	216.7298	.3174159
#2	-.045844	.0313139	.1349431	-.018060	.0119705	217.8982	.3193825
#3	-.042801	.0381399	.1359191	-.002494	.0093424	216.9424	.3157090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0146865	-.009101	38.76978	.3230675	.0588740	.1230840	752.1108
Stddev	.0001453	.000278	.31323	.0008628	.0005795	.0032005	6.8051
%RSD	.9896258	3.054492	.8079322	.2670514	.9843810	2.600224	.9048064

#1	.0148458	-.009275	39.06527	.3224179	.0591394	.1266271	756.9823
#2	.0146524	-.008780	38.80267	.3240464	.0592733	.1204027	744.3354
#3	.0145612	-.009247	38.44140	.3227382	.0582093	.1222221	755.0146

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6956378	9.768887	.0951782	-.003494	-.986427	.8874993	.7030992
Stddev	.0050399	.058943	.0008922	.000251	.058425	.0022243	.0039326
%RSD	.7245066	.6033704	.9373840	7.170243	5.922850	.2506283	.5593224

#1	.6977156	9.706760	.0961745	-.003213	-1.00234	.8875440	.7005930
#2	.6993066	9.824022	.0949068	-.003693	-1.03525	.8852529	.7076317
#3	.6898911	9.775879	.0944532	-.003576	-.92170	.8897009	.7010729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.463181	3.504174	.0117662	-.000631	4.247303	5.213334	.0130332
Stddev	.058365	.017413	.0107946	.000473	.014403	.012422	.0007825
%RSD	1.685308	.4969339	91.74282	74.95679	.3391169	.2382821	6.003812

#1	3.530109	3.523177	.0172590	-.000155	4.248593	5.223267	.0137800
#2	3.436568	3.500362	-.000670	-.001101	4.261018	5.199406	.0131004
#3	3.422865	3.488981	.018710	-.000636	4.232298	5.217329	.0122193

Sample Name: K5059-09 Acquired: 10/01/2019 14:08:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.739998	.0549552	.0759008
Stddev	.008407	.0008764	.0002105
%RSD	.3068156	1.594693	.2774026

#1	2.737900	.0544116	.0761422
#2	2.749255	.0559662	.0758051
#3	2.732838	.0544878	.0757552

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.421	2659.045	33441.48	6567.945	2572.423
Stddev	1.725	6.075	114.86	17.245	7.039
%RSD	.1206603	.2284614	.3434594	.2625683	.2736490

#1	1431.350	2655.146	33308.86	6551.232	2567.779
#2	1428.886	2655.944	33507.90	6566.925	2568.968
#3	1428.028	2666.045	33507.69	6585.677	2580.523

Sample Name: K5059-10 Acquired: 10/01/2019 14:12:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046010	.0285698	.1337779	-.008464	.0079813	216.5484	.3153613
Stddev	.002469	.0040374	.0021858	.002486	.0024697	.1759	.0007088
%RSD	5.366197	14.13190	1.633863	29.37636	30.94373	.0812214	.2247615

#1	-.047408	.0239440	.1312827	-.006272	.0108321	216.6970	.3161793
#2	-.047462	.0313856	.1353539	-.011166	.0066223	216.5939	.3149774
#3	-.043159	.0303797	.1346971	-.007953	.0064896	216.3542	.3149273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143048	-.009238	38.46547	.3235515	.0591142	.1222132	759.0994
Stddev	.0004002	.000252	.37235	.0005810	.0002168	.0011361	3.7271
%RSD	2.797599	2.724878	.9680159	.1795707	.3667955	.9295838	.4909924

#1	.0142385	-.009447	38.88710	.3242151	.0592383	.1213245	763.3783
#2	.0139418	-.009309	38.18173	.3231340	.0588638	.1218219	757.3603
#3	.0147339	-.008959	38.32760	.3233055	.0592403	.1234932	756.5598

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6901035	9.723536	.0968270	-.003172	-.783948	.8892731	.7169632
Stddev	.0015688	.026870	.0007543	.000631	.204151	.0041705	.0040986
%RSD	.2273293	.2763432	.7790472	19.89304	26.04132	.4689796	.5716596

#1	.6917325	9.739972	.0966551	-.002805	-.639590	.8897263	.7216629
#2	.6886028	9.738109	.0961735	-.003901	-.694734	.8848944	.7150962
#3	.6899751	9.692528	.0976525	-.002811	-1.01752	.8931984	.7141305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.498459	3.501331	.0383403	-.000174	4.262603	4.881597	.0146045
Stddev	.045978	.014100	.0185229	.000377	.018852	.031252	.0026417
%RSD	1.314242	.4026971	48.31172	216.3804	.4422538	.6401990	18.08825

#1	3.447935	3.506720	.0581083	-.000130	4.263932	4.884905	.0173102
#2	3.509597	3.485332	.0355285	-.000572	4.243123	4.848823	.0120318
#3	3.537845	3.511942	.0213841	.000179	4.280755	4.911063	.0144715

Sample Name: K5059-10 Acquired: 10/01/2019 14:12:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.726265	.0522587	.0758751
Stddev	.012536	.0011993	.0002239
%RSD	.4598293	2.294986	.2951014

#1	2.739558	.0520153	.0759935
#2	2.724580	.0511998	.0760149
#3	2.714656	.0535611	.0756168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1428.600	2656.101	33574.35	6655.983	2572.194
Stddev	6.939	2.088	307.24	29.367	6.864
%RSD	.4857548	.0785963	.9151134	.4412107	.2668566

#1	1432.228	2655.867	33902.28	6684.623	2579.527
#2	1432.973	2658.296	33293.14	6657.388	2571.135
#3	1420.598	2654.141	33527.64	6625.939	2565.922

Sample Name: K5059-11 Acquired: 10/01/2019 14:16:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAE9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218143	.1397317	.1770499	.0638333	.0572664	223.9334	4.672125
Stddev	.0044630	.0039017	.0036622	.0010520	.0006188	.6834	.035228
%RSD	20.45880	2.792265	2.068438	1.648017	1.080535	.3051931	.7540141

#1	.0206901	.1437661	.1728220	.0642868	.0570604	224.7138	4.709420
#2	.0180209	.1359779	.1790911	.0645825	.0579619	223.6446	4.639412
#3	.0267319	.1394510	.1792366	.0626306	.0567769	223.4418	4.667542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1139163	.0968239	50.76598	.7413616	1.138198	.5621424	776.6565
Stddev	.0013149	.0004038	.35493	.0030290	.001590	.0053388	8.4113
%RSD	1.154239	.4170274	.6991459	.4085746	.1397124	.9497284	1.083009

#1	.1153027	.0964489	51.16891	.7442984	1.136901	.5598058	781.1495
#2	.1137590	.0967716	50.49961	.7415383	1.139972	.5682512	781.8672
#3	.1126871	.0972513	50.62943	.7382481	1.137720	.5583703	766.9529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.756541	9.997371	1.179635	.1040515	-.923316	1.967110	1.678834
Stddev	.009818	.044507	.000576	.0007954	.162371	.006238	.028639
%RSD	.5589343	.4451839	.0488463	.7644095	17.58562	.3171370	1.705863

#1	1.767718	10.04332	1.179188	.1042249	-.900489	1.973388	1.648376
#2	1.749313	9.95446	1.179431	.1047458	-1.09589	1.960912	1.682909
#3	1.752590	9.99433	1.180285	.1031837	-.77357	1.967029	1.705217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.516313	3.595544	.0429771	-.000678	4.329943	3.078212	.0132317
Stddev	.090587	.012632	.0125234	.000396	.034753	.043224	.0040587
%RSD	2.576186	.3513165	29.13962	58.41398	.8026250	1.404189	30.67434

#1	3.518946	3.588244	.0295677	-.000369	4.321321	3.125558	.0139805
#2	3.605554	3.610130	.0543696	-.001124	4.368196	3.068216	.0088507
#3	3.424438	3.588258	.0449941	-.000541	4.300312	3.040862	.0168639

Sample Name: K5059-11 Acquired: 10/01/2019 14:16:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.677555	.0484305	.0861991
Stddev	.007384	.0005813	.0001580
%RSD	.2757838	1.200268	.1833452

#1	2.685114	.0478101	.0860967
#2	2.670359	.0489625	.0863811
#3	2.677191	.0485191	.0861195

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.011	2627.916	33170.59	6627.340	2547.726
Stddev	13.234	5.506	83.05	50.239	3.656
%RSD	.9399024	.2095373	.2503598	.7580617	.1434865

#1	1422.490	2633.312	33174.91	6573.828	2551.702
#2	1405.004	2628.130	33085.46	6634.699	2546.966
#3	1396.540	2622.305	33251.39	6673.495	2544.510

Sample Name: K5059-09LX5 Acquired: 10/01/2019 14:20:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001158	.0072837	.0282984	-.002489	.0008116	45.30296	.0675770
Stddev	.001392	.0016644	.0008167	.001848	.0013281	.18311	.0003095
%RSD	120.2376	22.85086	2.885854	74.23667	163.6375	.4041890	.4580430

#1	-.002719	.0053649	.0290172	-.002012	-.000636	45.09217	.0674754
#2	-.000713	.0081495	.0284677	-.004529	.001975	45.39401	.0679246
#3	-.000043	.0083367	.0274104	-.000927	.001096	45.42269	.0673310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033119	-.001880	8.203699	.0716499	.0118593	.0259082	156.7727
Stddev	.0000750	.000090	.029130	.0000761	.0002807	.0025425	.3901
%RSD	2.264509	4.811589	.3550857	.1061943	2.366935	9.813418	.2488179

#1	.0032417	-.001824	8.200219	.0717348	.0119537	.0248370	156.3930
#2	.0033909	-.001984	8.234413	.0716271	.0120806	.0288110	157.1723
#3	.0033031	-.001831	8.176465	.0715878	.0115435	.0240765	156.7528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1503576	2.114956	.0203938	-.001387	-.239475	.1900070	.1517301
Stddev	.0006742	.009847	.0003941	.000203	.109331	.0013640	.0017254
%RSD	.4483919	.4655734	1.932296	14.63217	45.65446	.7178934	1.137151

#1	.1500934	2.104432	.0199784	-.001497	-.155631	.1887051	.1501935
#2	.1498555	2.116490	.0207623	-.001153	-.199660	.1914257	.1514003
#3	.1511238	2.123945	.0204407	-.001511	-.363133	.1898900	.1535966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6725014	.7304909	-.009822	-.000299	.8913973	1.106936	.0026479
Stddev	.0593832	.0043742	.004741	.000078	.0031471	.021193	.0008406
%RSD	8.830196	.5988100	48.27023	25.90642	.3530556	1.914586	31.74566

#1	.6720422	.7324892	-.012788	-.000255	.8929236	1.105035	.0032909
#2	.6133492	.7254744	-.012323	-.000254	.8877781	1.129015	.0016967
#3	.7321130	.7335091	-.004354	-.000389	.8934903	1.086757	.0029563

Sample Name: K5059-09LX5 Acquired: 10/01/2019 14:20:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAE9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5823876	.0095975	.0161645
Stddev	.0020611	.0004308	.0000333
%RSD	.3539083	4.489261	.2057171

#1	.5801655	.0091916	.0161752
#2	.5842369	.0095513	.0161912
#3	.5827603	.0100496	.0161273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.630	2604.970	32615.33	6382.490	2668.875
Stddev	6.798	3.632	119.74	31.941	8.399
%RSD	.4829682	.1394142	.3671304	.5004539	.3147066

#1	1402.161	2600.816	32500.21	6368.163	2659.389
#2	1415.241	2606.554	32739.21	6360.220	2671.869
#3	1405.487	2607.542	32606.56	6419.086	2675.367

Sample Name: K5059-12 Acquired: 10/01/2019 14:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128621	.0030682	.1138138	.0005301	-.002588	106.5162	.8906096
Stddev	.0036692	.0011812	.0006135	.0030593	.002302	.3816	.0066078
%RSD	28.52709	38.49768	.5390424	577.0985	88.93819	.3582957	.7419440

#1	.0170948	.0017501	.1142728	-.002253	-.002751	106.1727	.8838637
#2	.0109071	.0040307	.1131170	.000038	-.004805	106.4488	.8908948
#3	.0105844	.0034237	.1140517	.003806	-.000209	106.9270	.8970702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062481	-.000849	33.42503	.1532582	.0265305	.0484935	61.26670
Stddev	.0000683	.000003	.21046	.0001140	.0002634	.0017964	.17592
%RSD	1.093563	.3991278	.6296519	.0743799	.9929442	3.704376	.2871458

#1	.0061694	-.000851	33.19659	.1532240	.0262511	.0474378	61.09807
#2	.0062822	-.000846	33.46746	.1531652	.0267743	.0505677	61.25290
#3	.0062926	-.000852	33.61105	.1533854	.0265662	.0474751	61.44911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998799	6.839927	.0428082	-.000959	1.100157	.4349978	.0760130
Stddev	.0009542	.013170	.0002719	.000205	.074131	.0025809	.0016789
%RSD	.9553224	.1925399	.6350534	21.36999	6.738251	.5933065	2.208726

#1	.0989248	6.830666	.0430489	-.001168	1.150201	.4325065	.0776687
#2	.0998816	6.855003	.0428625	-.000952	1.014992	.4348271	.0743118
#3	.1008332	6.834112	.0425134	-.000758	1.135277	.4376598	.0760584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9347745	.1920111	-.006755	.0026599	1.132487	2.465151	.0051502
Stddev	.0425108	.0027355	.000380	.0003934	.001420	.024406	.0006047
%RSD	4.547705	1.424670	5.618492	14.79004	.1254269	.9900584	11.74155

#1	.8928586	.1908421	-.006590	.0025290	1.130943	2.438032	.0044930
#2	.9778562	.1900543	-.007189	.0031021	1.132779	2.485350	.0052747
#3	.9336086	.1951369	-.006486	.0023486	1.133739	2.472072	.0056831

Sample Name: K5059-12 Acquired: 10/01/2019 14:24:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1894403	.0442539	.1988405
Stddev	.0008133	.0003137	.0001327
%RSD	.4293367	.7088472	.0667295

#1	.1890475	.0444266	.1989708
#2	.1888979	.0438918	.1987056
#3	.1903755	.0444433	.1988450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.863	3020.738	37734.59	7395.419	2679.333
Stddev	14.229	4.284	225.35	26.430	1.326
%RSD	.8719542	.1418173	.5971853	.3573817	.0494957

#1	1616.322	3023.301	37550.32	7423.987	2680.860
#2	1635.015	3023.121	37985.83	7371.838	2678.474
#3	1644.251	3015.793	37667.61	7390.431	2678.664

Sample Name: K5059-13 Acquired: 10/01/2019 14:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232601	.0055896	.1656979	-.003778	.0007931	82.93639	.5265372
Stddev	.0006175	.0016377	.0015064	.003045	.0003329	.40939	.0044062
%RSD	2.654736	29.29824	.9091378	80.61848	41.97772	.4936187	.8368232

#1	.0239299	.0073869	.1655453	-.005349	.0011197	83.40755	.5309603
#2	.0231368	.0052002	.1672748	-.005716	.0008055	82.73414	.5265032
#3	.0227135	.0041818	.1642736	-.000267	.0004542	82.66750	.5221481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087079	-.002380	33.74842	.2982346	.1019965	.0207214	228.4618
Stddev	.0000985	.000182	.41760	.0003895	.0002186	.0005793	1.6767
%RSD	1.131238	7.627129	1.237402	.1305962	.2143477	2.795478	.7338986

#1	.0088212	-.002589	34.21766	.2979450	.1022401	.0211923	230.3725
#2	.0086423	-.002294	33.60999	.2986774	.1019321	.0208973	227.2359
#3	.0086603	-.002258	33.41760	.2980813	.1018174	.0200746	227.7770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.279154	5.405075	.0469545	-.001458	-.083221	.4193735	.0966721
Stddev	.025956	.033690	.0001707	.000217	.212592	.0054694	.0012730
%RSD	.7915323	.6232945	.3636082	14.86333	255.4543	1.304186	1.316795

#1	3.306759	5.442107	.0467620	-.001420	-.251115	.4232639	.0966568
#2	3.275461	5.376242	.0470144	-.001692	.155819	.4217367	.0954069
#3	3.255243	5.396878	.0470873	-.001263	-.154367	.4131198	.0979527

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337814	3.176097	-.009209	.0028559	.8689199	2.553520	.0057071
Stddev	.049323	.012629	.002416	.0001386	.0024512	.024512	.0015407
%RSD	3.686837	.3976266	26.23560	4.852501	.2820946	.9599473	26.99695

#1	1.380720	3.167352	-.007142	.0027103	.8682042	2.568726	.0063665
#2	1.348795	3.170363	-.011865	.0028711	.8669062	2.566591	.0039464
#3	1.283926	3.190575	-.008621	.0029862	.8716492	2.525242	.0068083

Sample Name: K5059-13 Acquired: 10/01/2019 14:28:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5385665	.0221438	.0563351
Stddev	.0040526	.0006485	.0002705
%RSD	.7524710	2.928750	.4801954

#1	.5432272	.0228774	.0561607
#2	.5358738	.0216467	.0561979
#3	.5365984	.0219072	.0566468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.286	3014.026	37959.70	7422.585	2658.118
Stddev	7.009	1.066	125.81	48.896	3.902
%RSD	.4288663	.0353772	.3314354	.6587520	.1467977

#1	1626.954	3014.678	37962.20	7369.820	2662.501
#2	1640.920	3014.605	38084.25	7431.566	2655.022
#3	1634.983	3012.796	37832.67	7466.368	2656.831

Sample Name: CCV077 Acquired: 10/01/2019 14:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	4.783914	4.830032	24.20841	4.675486	4.814274	390.2902	9.971511
Stddev	.019045	.024471	.01668	.016278	.006080	4.2802	.133163
%RSD	.3981087	.5066458	.0688919	.3481641	.1262979	1.096659	1.335440

#1	4.805695	4.821582	24.21612	4.687171	4.816202	386.9762	10.00113
#2	4.770396	4.857608	24.18927	4.656893	4.807463	388.7718	9.82603
#3	4.775652	4.810906	24.21984	4.682393	4.819156	395.1225	10.08737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955691	2.405127	400.7184	14.75544	2.457000	14.80584	390.4925
Stddev	.0018799	.002429	1.5333	.03644	.000754	.05980	1.0562
%RSD	.3793446	.1009930	.3826446	.2469574	.0306985	.4039129	.2704844

#1	.4961718	2.407931	401.9912	14.71436	2.457168	14.86835	391.1807
#2	.4934617	2.403788	399.0161	14.78386	2.456176	14.74917	389.2764
#3	.4970737	2.403663	401.1480	14.76809	2.457657	14.80001	391.0204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68512	394.0490	2.460481	1.251515	392.3975	2.441731	14.16189
Stddev	.06643	1.7033	.002961	.004474	.7138	.005196	.09247
%RSD	.4523459	.4322509	.1203493	.3575255	.1819195	.2127978	.6529796

#1	14.74561	395.4465	2.457136	1.246681	392.8291	2.446566	14.13344
#2	14.61403	392.1517	2.461542	1.255511	391.5735	2.442390	14.26525
#3	14.69573	394.5488	2.462766	1.252354	392.7899	2.436237	14.08698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.1822	5.077071	4.889246	4.771753	4.944707	4.855312	4.914175
Stddev	.2677	.029872	.018133	.009989	.003513	.017543	.005767
%RSD	.1794118	.5883694	.3708773	.2093385	.0710487	.3613222	.1173470

#1	149.4405	5.056339	4.892245	4.781584	4.940772	4.844580	4.909637
#2	148.9061	5.111311	4.869800	4.761613	4.947530	4.845799	4.920664
#3	149.1999	5.063563	4.905692	4.772063	4.945818	4.875557	4.912224

Sample Name: CCV077 Acquired: 10/01/2019 14:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	4.906098	4.984514	4.921531
Stddev	.011852	.008073	.041582
%RSD	.2415781	.1619532	.8448996

#1	4.918726	4.989464	4.944397
#2	4.895215	4.975198	4.873534
#3	4.904353	4.988878	4.946663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.673	2177.958	29037.27	5929.727	2130.321
Stddev	4.889	3.767	107.58	39.176	1.646
%RSD	.4244951	.1729477	.3704950	.6606740	.0772746

#1	1157.035	2174.323	29151.94	5929.409	2130.220
#2	1147.464	2181.844	29021.31	5969.061	2128.728
#3	1150.521	2177.706	28938.56	5890.711	2132.016

Sample Name: CCB077 Acquired: 10/01/2019 14:36:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0027675	.0000563	.0009218	.0042404	-.000264	.0154490	.0006278
Stddev	.0036824	.0017157	.0003148	.0031621	.001820	.0118424	.0009035
%RSD	133.0569	3048.204	34.15605	74.56865	688.9787	76.65458	143.9313

#1	.0011553	-.000277	.0009901	.0077301	.000202	.0030501	.0013983
#2	.0001662	.001914	.0011969	.0015654	-.002272	.0266427	-.000367
#3	.0069811	-.001469	.0005784	.0034258	.001278	.0166542	.000852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001177	.0000145	.0220610	.0003522	-.000089	.0005975	.0216448
Stddev	.0000550	.0000861	.0098773	.0005292	.000020	.0021348	.0058938
%RSD	46.70109	596.1568	44.77275	150.2312	22.39624	357.2969	27.22943

#1	.0001454	.0001092	.0294101	-.000247	-.000068	.0030625	.0268801
#2	.0001533	-.000059	.0259399	.000549	-.000091	-.000626	.0227929
#3	.0000544	-.000007	.0108330	.000755	-.000108	-.000645	.0152615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006720	.0258010	-.000108	.0000855	-.122678	-.000817	-.000871
Stddev	.0004368	.0145287	.000416	.0003397	.083248	.000969	.000889
%RSD	65.00101	56.31059	385.2294	397.1996	67.85874	118.5644	102.1059

#1	.0007964	.0090704	-.000585	.0001486	-.204049	-.000883	-.000996
#2	.0010332	.0352375	.000089	.0003893	-.037673	.000183	.000074
#3	.0001865	.0330952	.000173	-.000281	-.126312	-.001752	-.001690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028479	-.001840	.0075221	.0004578	.0022432	.0011197	.0003761
Stddev	.026016	.002128	.0009501	.0002214	.0011681	.0011055	.0016772
%RSD	91.35310	115.6729	12.63084	48.35597	52.07205	98.73253	445.9327

#1	-.025513	-.002735	.0085918	.0006522	.0023331	.0022225	-.001472
#2	-.004073	.000590	.0071982	.0002169	.0010328	.0011248	.000799
#3	-.055851	-.003375	.0067762	.0005043	.0033637	.0000116	.001801

Sample Name: CCB077 Acquired: 10/01/2019 14:36:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) 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	.0017524	.0028110	.0002311
Stddev	.0004141	.0014347	.0000698
%RSD	23.63005	51.03996	30.18575

#1	.0017773	.0040326	.0002888
#2	.0013265	.0031694	.0002509
#3	.0021535	.0012310	.0001536

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.168	2573.971	32277.80	6225.025	2702.729
Stddev	3.475	5.657	262.90	16.527	5.172
%RSD	.2497703	.2197730	.8144776	.2654989	.1913632

#1	1388.449	2580.208	31978.07	6243.517	2708.672
#2	1395.083	2569.172	32469.30	6219.863	2700.261
#3	1389.973	2572.532	32386.05	6211.694	2699.252

Sample Name: K5059-14 Acquired: 10/01/2019 14:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0277466	k -.079085	k .1107918	k -.116246	k .0084312	k 109.6529
Stddev	.0032471	.001214	.0030394	.003948	.0024284	.6158
%RSD	11.70257	1.534688	2.743296	3.396026	28.80214	.5616223

#1	k .0312778	k -.080097	k .1125169	k -.111793	k .0103726	k 110.1492
#2	k .0248895	k -.077739	k .1072824	k -.119316	k .0057083	k 108.9637
#3	k .0270726	k -.079419	k .1125761	k -.117628	k .0092127	k 109.8457

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6356042	.0321063	k .0122950	^ *****	k .1489402	.2355580
Stddev	.0076625	.0003443	.0001683	-----	.0001200	.0005084
%RSD	1.205543	1.072467	1.369064	-----	.0805772	.2158380

#1	.6406190	.0324913	k .0121082	^ -----	k .1489641	.2351807
#2	.6267839	.0318280	k .0123419	^ -----	k .1488101	.2361362
#3	.6394096	.0319995	k .0124348	^ -----	k .1490465	.2353572

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .0516862	k 709.4408	.9964914	9.569732	.2587879	k -.035584
Stddev	.0002781	9.8201	.0102825	.090902	.0009498	.000440
%RSD	.5379899	1.384206	1.031866	.9498895	.3670106	1.236821

#1	k .0516441	k 715.9315	1.005954	9.668686	.2593450	k -.036037
#2	k .0514316	k 698.1432	.985550	9.489935	.2576912	k -.035556
#3	k .0519829	k 714.2475	.997970	9.550576	.2593274	k -.035159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 5.830846	k .1755338	k .5852901	4.975620	F 10.53446	kF -1.67437
Stddev	.233157	.0033289	.0012996	.060787	.03169	.01219
%RSD	3.998689	1.896468	.2220444	1.221688	.3007990	.7279133

#1	k 5.674845	k .1772201	k .5865463	5.042578	10.51052	k -1.68463
#2	k 6.098874	k .1716991	k .5839510	4.923907	10.52246	k -1.66090
#3	k 5.718821	k .1776821	k .5853731	4.960374	10.57039	k -1.67758

Sample Name: K5059-14 Acquired: 10/01/2019 14:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001992	2.699866	1.871298	.0155630	.1490330	.0650329
Stddev	.0001830	.014884	.007742	.0032872	.0007351	.0004236
%RSD	91.87156	.5513039	.4137245	21.12182	.4932139	.6513713

#1	.0003921	2.689345	1.878686	.0125917	.1489723	.0655217
#2	.0001773	2.693355	1.863244	.0190942	.1483302	.0647728
#3	.0000281	2.716896	1.871963	.0150032	.1497965	.0648042

Elem	Sr4077
Units	ppm
Avg	.0549833
Stddev	.0000627
%RSD	.1139705

#1	.0550554
#2	.0549423
#3	.0549521

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.394	3319.669	41936.03	8216.214	2604.054
Stddev	7.519	1.845	331.25	98.644	2.022
%RSD	.4199526	.0555768	.7898865	1.200606	.0776509

#1	1783.461	3318.607	41877.41	8122.568	2606.388
#2	1798.386	3321.800	42292.68	8319.193	2602.869
#3	1789.334	3318.602	41638.01	8206.880	2602.904

Sample Name: K5059-15 Acquired: 10/01/2019 14:45:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013164	-.013868	.1279789	-.003475	.0009955	141.0339	.6853065
Stddev	.0054354	.001094	.0009452	.000259	.0002126	.8104	.0069726
%RSD	412.9059	7.891137	.7385500	7.443471	21.35333	.5746299	1.017445

#1	.0071768	-.014157	.1269395	-.003606	.0007882	140.4386	.6805723
#2	.0003318	-.014789	.1282105	-.003643	.0012130	140.7063	.6820337
#3	-.003559	-.012659	.1287868	-.003177	.0009855	141.9569	.6933134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120584	-.001129	30.02408	.2292811	.1132708	.1080308	208.7648
Stddev	.0001712	.000081	.30580	.0004718	.0003942	.0012701	1.5412
%RSD	1.419457	7.189835	1.018501	.2057602	.3479985	1.175659	.7382351

#1	.0121041	-.001184	29.85827	.2287464	.1135520	.1065721	207.7300
#2	.0118690	-.001167	29.83699	.2296387	.1128202	.1088915	208.0284
#3	.0122020	-.001035	30.37696	.2294581	.1134401	.1086288	210.5360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4408084	20.34253	.2311260	-.001747	3.346847	.5261086	.5572528
Stddev	.0041325	.18240	.0009365	.000075	.025830	.0048289	.0068813
%RSD	.9374874	.8966586	.4052120	4.288159	.7717722	.9178542	1.234870

#1	.4371293	20.25054	.2307203	-.001829	3.345290	.5212441	.5514480
#2	.4400162	20.22444	.2304606	-.001729	3.321831	.5261806	.5648543
#3	.4452796	20.55261	.2321970	-.001683	3.373421	.5309011	.5554562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.904515	2.411926	-.009623	.0017118	2.696597	1.899215	.0064671
Stddev	.023732	.007034	.004372	.0001331	.005076	.024801	.0015689
%RSD	.6078106	.2916179	45.43537	7.777878	.1882278	1.305871	24.25980

#1	3.912574	2.417125	-.012974	.0015964	2.701056	1.897697	.0050666
#2	3.923167	2.414729	-.004677	.0016815	2.691073	1.875208	.0081625
#3	3.877803	2.403922	-.011218	.0018575	2.697661	1.924740	.0061721

Sample Name: K5059-15 Acquired: 10/01/2019 14:45:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.016288	.1062153	.0646019
Stddev	.016433	.0015547	.0000562
%RSD	.5448243	1.463703	.0870393

#1	3.001260	.1053291	.0646268
#2	3.013767	.1053064	.0646414
#3	3.033836	.1080104	.0645375

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.423	4173.202	52469.72	10295.13	2574.462
Stddev	17.635	5.337	287.83	86.26	6.872
%RSD	.7804870	.1278985	.5485587	.8378450	.2669223

#1	2252.267	4167.224	52315.39	10254.79	2569.863
#2	2246.492	4174.890	52291.98	10394.17	2582.361
#3	2279.511	4177.491	52801.80	10236.44	2571.161

Sample Name: K5059-17 Acquired: 10/01/2019 14:53:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0383648	.0026833	.1550653	-.001233	.0011896	33.34624	.4362938
Stddev	.0034368	.0014835	.0020129	.004384	.0012504	.03312	.0023935
%RSD	8.958194	55.28770	1.298071	355.6212	105.1113	.0993174	.5486099

#1	.0417086	.0040442	.1555663	.000677	.0021441	33.31947	.4335374
#2	.0385438	.0011018	.1567803	-.006248	.0016505	33.33596	.4378475
#3	.0348420	.0029039	.1528492	.001873	-.000226	33.38327	.4374965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067232	-.000910	304.8456	.2878843	.0857762	.0393720	167.3235
Stddev	.0001018	.000072	1.1671	.0007535	.0004973	.0010359	.1599
%RSD	1.514369	7.877319	.3828627	.2617418	.5797898	2.630949	.0955780

#1	.0066341	-.000991	303.5742	.2870151	.0852310	.0405655	167.1642
#2	.0067014	-.000885	305.8684	.2882858	.0862051	.0387070	167.4840
#3	.0068342	-.000854	305.0941	.2883521	.0858924	.0388436	167.3224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.460505	25.61020	.0670387	-.001068	.0167361	.1610966	.3341781
Stddev	.004179	.04713	.0007578	.000095	.1698912	.0011286	.0043794
%RSD	.0646815	.1840443	1.130458	8.876361	1015.116	.7005637	1.310495

#1	6.457039	25.56139	.0673481	-.001015	.1463531	.1601179	.3384654
#2	6.465145	25.65546	.0661751	-.001012	.0794525	.1608407	.3297121
#3	6.459331	25.61375	.0675930	-.001178	-.175597	.1623311	.3343569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.240722	3.682930	-.003578	.0011753	3.264351	2.921566	.0006832
Stddev	.036458	.027322	.003904	.0002341	.005996	.022322	.0014146
%RSD	1.627067	.7418487	109.1084	19.91477	.1836702	.7640398	207.0510

#1	2.241331	3.654722	.000550	.0009088	3.257428	2.895895	-.000946
#2	2.276872	3.684800	-.007211	.0013473	3.267739	2.936402	.001594
#3	2.203964	3.709269	-.004074	.0012700	3.267886	2.932401	.001402

Sample Name: K5059-17 Acquired: 10/01/2019 14:53:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2480624	.0393256	.4738915
Stddev	.0016295	.0010328	.0012962
%RSD	.6568939	2.626230	.2735263

#1	.2475608	.0393496	.4731555
#2	.2498837	.0403461	.4753882
#3	.2467427	.0382810	.4731309

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.319	2752.901	35050.78	6886.588	2517.660
Stddev	6.584	1.285	164.98	56.627	4.444
%RSD	.4420833	.0466873	.4706762	.8222825	.1765309

#1	1485.455	2754.177	34981.48	6933.455	2522.006
#2	1485.581	2752.918	34931.76	6823.667	2513.124
#3	1496.921	2751.606	35239.10	6902.642	2517.850

Sample Name: K5059-18 Acquired: 10/01/2019 14:57:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAG7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095314	.0021098	.2662433	-.009214	.0072219	53.09986
Stddev	.0030557	.0018700	.0013889	.005953	.0023196	.18596
%RSD	2.789744	88.63447	.5216767	64.60962	32.11909	.3502064

#1	.1112678	.0028759	.2660743	-.005905	.0069709	52.88531
#2	.1060032	.0034752	.2677091	-.005650	.0050380	53.19956
#3	.1113232	-.000022	.2649467	-.016086	.0096568	53.21471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8675247	.0131243	-.002535	F 1004.859	.6224346	.1864684
Stddev	.0073424	.0000479	.000229	5.612	.0009233	.0007676
%RSD	.8463578	.3652370	9.039389	.5584436	.1483301	.4116361

#1	.8590479	.0131774	-.002445	998.379	.6234846	.1873481
#2	.8718969	.0131110	-.002796	1008.070	.6220695	.1859352
#3	.8716294	.0130844	-.002365	1008.127	.6217497	.1861218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338872	382.3432	13.49903	206.8682	.1264744	-.002546
Stddev	.0001357	1.5667	.06367	.5461	.0000303	.000056
%RSD	.4006060	.4097747	.4716710	.2639646	.0239900	2.218332

#1	.0338743	380.6484	13.43038	206.2384	.1264421	-.002480
#2	.0340289	383.7388	13.55614	207.2095	.1265023	-.002579
#3	.0337583	382.6424	13.51058	207.1566	.1264789	-.002577

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.294872	.4573328	.4008635	2.364386	8.274368	.0040613
Stddev	.169914	.0013094	.0037483	.034381	.040785	.0004423
%RSD	57.62314	.2863045	.9350637	1.454135	.4929107	10.88994

#1	-.474532	.4572206	.4051642	2.384109	8.318586	.0041718
#2	-.273324	.4586946	.3982915	2.384363	8.238223	.0044379
#3	-.136759	.4560831	.3991347	2.324686	8.266296	.0035743

Sample Name: K5059-18 Acquired: 10/01/2019 14:57:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031674	9.887562	1.995930	.0011253	.6206258	.0664563
Stddev	.0003641	.071651	.010784	.0011709	.0035583	.0023392
%RSD	11.49680	.7246571	.5402801	104.0511	.5733465	3.519975

#1	.0029066	9.925685	1.983508	.0003728	.6165314	.0639815
#2	.0035834	9.804909	2.002887	.0005288	.6223760	.0686310
#3	.0030120	9.932091	2.001395	.0024743	.6229701	.0667563

Elem	Sr4077
Units	ppm
Avg	1.101903
Stddev	.001279
%RSD	.1160496

#1	1.100494
#2	1.102990
#3	1.102224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1455.689	2692.209	34739.34	7015.594	2221.530
Stddev	9.813	2.850	262.27	35.184	2.849
%RSD	.6740997	.1058442	.7549671	.5015101	.1282641

#1	1445.063	2695.499	34456.89	7053.644	2220.661
#2	1457.594	2690.619	34785.96	6984.238	2224.713
#3	1464.409	2690.511	34975.18	7008.900	2219.216

Sample Name: K5059-19 Acquired: 10/01/2019 15:01:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171121	-.000170	.1337341	-.003131	.0006914	81.71416	.8274489
Stddev	.0019425	.001635	.0005582	.003477	.0006446	.20396	.0056400
%RSD	11.35166	960.6925	.4173647	111.0683	93.23915	.2495983	.6816114

#1	.0155539	-.000650	.1334264	-.006704	.0011733	81.54738	.8248410
#2	.0192884	.001652	.1333975	.000241	.0009417	81.94155	.8339209
#3	.0164939	-.001512	.1343784	-.002928	-.000041	81.65354	.8235847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087649	-.001087	97.06609	.1512463	.1232593	.0845987	192.8925
Stddev	.0001368	.000032	.51832	.0002558	.0004850	.0016733	.6615
%RSD	1.561053	2.917627	.5339913	.1691435	.3934395	1.977864	.3429186

#1	.0086070	-.001059	96.81202	.1512344	.1228331	.0861550	192.9777
#2	.0088497	-.001081	97.66243	.1509966	.1237869	.0848123	193.5072
#3	.0088378	-.001122	96.72382	.1515079	.1231578	.0828290	192.1925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.296088	23.97757	.1213218	-.000874	.1745467	.2455650	.4853731
Stddev	.022305	.10386	.0003925	.000322	.3273334	.0011789	.0020223
%RSD	.3542618	.4331591	.3234828	36.80291	187.5334	.4800640	.4166462

#1	6.289296	23.92439	.1211683	-.000601	.5383102	.2457209	.4872068
#2	6.320999	24.09725	.1217678	-.001229	.0815704	.2466582	.4857084
#3	6.277969	23.91107	.1210293	-.000792	-.096241	.2443160	.4832041

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.427603	3.987725	-.002335	.0002141	4.706501	4.373150	.0036785
Stddev	.077189	.006234	.001068	.0000486	.009773	.018700	.0009469
%RSD	1.200891	.1563420	45.73888	22.67623	.2076557	.4276081	25.74238

#1	6.492607	3.994708	-.001330	.0001681	4.705624	4.367356	.0042328
#2	6.447911	3.985744	-.002219	.0002648	4.716683	4.394062	.0042175
#3	6.342291	3.982720	-.003457	.0002095	4.697195	4.358033	.0025851

Sample Name: K5059-19 Acquired: 10/01/2019 15:01:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.836320	.0803640	.1642133
Stddev	.006720	.0010786	.0004025
%RSD	.3659461	1.342170	.2451079

#1	1.829703	.0798722	.1644686
#2	1.843139	.0816009	.1644219
#3	1.836117	.0796189	.1637493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.177	2976.377	37702.47	7398.557	2594.448
Stddev	1.775	6.749	177.02	32.317	1.177
%RSD	.1096086	.2267491	.4695181	.4368012	.0453695

#1	1617.214	2978.972	37557.85	7408.381	2595.710
#2	1620.670	2981.444	37649.67	7362.467	2594.255
#3	1619.646	2968.716	37899.87	7424.821	2593.380

Sample Name: K5059-21 Acquired: 10/01/2019 15:09:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496663	-.000361	.2400540	-.009471	.0058814	94.50856	.6688500
Stddev	.0012252	.002385	.0024449	.003933	.0021430	.14955	.0011588
%RSD	2.466864	660.5638	1.018473	41.52370	36.43683	.1582421	.1732552

#1	.0503817	.001063	.2416246	-.014012	.0079133	94.33825	.6699648
#2	.0503657	.000968	.2413002	-.007177	.0060885	94.56894	.6689335
#3	.0482516	-.003114	.2372371	-.007224	.0036424	94.61848	.6676517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131644	-.000501	691.0651	.1524357	.3036242	.2066817	337.4333
Stddev	.0001010	.000082	4.4783	.0000779	.0001186	.0031583	.6015
%RSD	.7672817	16.27805	.6480260	.0511260	.0390484	1.528101	.1782673

#1	.0130530	-.000457	689.7210	.1523611	.3037437	.2061911	337.5736
#2	.0132499	-.000596	687.4128	.1524295	.3036223	.2100566	336.7740
#3	.0131904	-.000452	696.0615	.1525166	.3035066	.2037974	337.9523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.95217	239.3554	.2049554	-.002122	.1088391	.2294406	2.517917
Stddev	.01924	.1645	.0004216	.000373	.1501505	.0030666	.005583
%RSD	.1756575	.0687054	.2056873	17.56912	137.9564	1.336550	.2217298

#1	10.97437	239.4452	.2054418	-.001828	.0125494	.2326303	2.520924
#2	10.94178	239.1656	.2046952	-.002542	.2818494	.2291774	2.511475
#3	10.94035	239.4553	.2047293	-.001998	.0321183	.2265141	2.521352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.429148	5.175936	-.014326	.0020724	2.857584	3.025432	.0041630
Stddev	.030473	.032349	.003788	.0004489	.010801	.011185	.0019485
%RSD	.8886325	.6249946	26.43955	21.66163	.3779634	.3697094	46.80451

#1	3.446518	5.138654	-.012185	.0016095	2.845772	3.038342	.0046501
#2	3.393962	5.192582	-.018699	.0025059	2.866956	3.018631	.0058217
#3	3.446964	5.196573	-.012093	.0021019	2.860023	3.019324	.0020172

Sample Name: K5059-21 Acquired: 10/01/2019 15:09:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1527466	.1488074	.8950239
Stddev	.0003803	.0005693	.0020451
%RSD	.2489823	.3825941	.2284971

#1	.1524011	.1488178	.8946194
#2	.1526846	.1493715	.8932113
#3	.1531541	.1482330	.8972410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1479.537	2762.313	35273.33	7136.726	2256.499
Stddev	4.624	4.695	191.71	16.213	4.119
%RSD	.3124999	.1699528	.5435097	.2271745	.1825328

#1	1483.267	2767.732	35415.96	7153.433	2260.617
#2	1474.364	2759.736	35055.40	7121.057	2252.379
#3	1480.979	2759.471	35348.63	7135.686	2256.500

Sample Name: K5059-20 Acquired: 10/01/2019 15:05:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362223	.0006761	.1591334	-.005905	.0044612	63.62197	.3903643
Stddev	.0029868	.0056278	.0021196	.003334	.0015791	.05303	.0022161
%RSD	8.245847	832.4031	1.331968	56.45206	35.39498	.0833502	.5677094

#1	.0395857	.0061087	.1615521	-.003429	.0026987	63.63761	.3907571
#2	.0352012	-.005128	.1582484	-.009696	.0057469	63.56288	.3879780
#3	.0338799	.001048	.1575997	-.004591	.0049382	63.66542	.3923577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115037	-.000455	631.7593	.1501655	.1157841	.1813658	287.7820
Stddev	.0002040	.000039	7.1893	.0007085	.0004824	.0004346	1.0780
%RSD	1.773596	8.658677	1.137980	.4717783	.4166625	.2396182	.3745876

#1	.0116541	-.000451	638.8164	.1504537	.1160204	.1818387	288.4959
#2	.0112715	-.000418	632.0167	.1506843	.1152291	.1809839	286.5420
#3	.0115857	-.000497	624.4447	.1493583	.1161028	.1812748	288.3082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.275009	104.5600	.1571100	-.002100	.0959626	.1980601	1.472556
Stddev	.035693	.5460	.0006060	.000338	.1971302	.0020423	.011832
%RSD	.5688130	.5221623	.3857041	16.09566	205.4241	1.031166	.8034875

#1	6.280527	104.7824	.1573836	-.001947	.2762281	.1997720	1.458930
#2	6.236879	103.9379	.1575309	-.002487	.1261983	.1957995	1.478512
#3	6.307623	104.9597	.1564155	-.001865	-.114539	.1986090	1.480226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.121095	4.203832	-.007601	.0007761	3.442633	5.996639	.0011668
Stddev	.070721	.031307	.000919	.0001975	.016325	.036049	.0018682
%RSD	2.265896	.7447201	12.09290	25.44599	.4742117	.6011547	160.1200

#1	3.040544	4.239979	-.008662	.0009140	3.447274	6.016289	.0015822
#2	3.149748	4.185311	-.007032	.0005499	3.424490	5.955035	-.000874
#3	3.172993	4.186207	-.007110	.0008644	3.456136	6.018594	.002792

Sample Name: K5059-20 Acquired: 10/01/2019 15:05:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1408301	.1111866	1.088336
Stddev	.0019851	.0007058	.001847
%RSD	1.409601	.6347984	.1696897

#1	.1403663	.1115256	1.086981
#2	.1391180	.1103753	1.090439
#3	.1430061	.1116590	1.087587

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.235	2710.503	34636.71	6934.125	2339.154
Stddev	9.751	3.725	65.06	18.589	3.872
%RSD	.6668387	.1374381	.1878299	.2680779	.1655238

#1	1472.529	2714.770	34661.65	6919.759	2335.315
#2	1453.138	2707.898	34562.87	6955.120	2343.058
#3	1461.038	2708.842	34685.61	6927.496	2339.090

Sample Name: K5059-22 Acquired: 10/01/2019 15:13:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087935	.0031457	.1181459	.0038434	.0001636	44.63935	.3880976
Stddev	.0039968	.0022313	.0017572	.0028469	.0006070	.11011	.0031006
%RSD	45.45168	70.93198	1.487283	74.07266	370.9582	.2466721	.7989091

#1	.0049369	.0009073	.1197744	.0019596	.0003822	44.58569	.3868183
#2	.0129171	.0053698	.1183798	.0024522	.0006310	44.76600	.3916331
#3	.0085266	.0031599	.1162835	.0071183	-.000522	44.56635	.3858414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039012	-.000689	7.220502	.0925198	.0534857	.0381895	91.08945
Stddev	.0000704	.000033	.062273	.0003835	.0002499	.0023489	.53135
%RSD	1.805172	4.826291	.8624404	.4144515	.4671750	6.150776	.5833252

#1	.0039748	-.000653	7.205623	.0920782	.0532768	.0360424	90.76394
#2	.0038344	-.000696	7.288866	.0927129	.0537625	.0406984	91.70261
#3	.0038944	-.000719	7.167017	.0927682	.0534178	.0378278	90.80180

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.642892	14.44223	.0607067	-.001039	.1670015	.1120927	.4336200
Stddev	.012186	.07624	.0003712	.000189	.1539748	.0012890	.0011471
%RSD	.7417220	.5278962	.6114257	18.18468	92.19965	1.149957	.2645436

#1	1.634447	14.36837	.0611120	-.001052	.1874970	.1108111	.4340106
#2	1.656862	14.52064	.0606247	-.001222	.0038054	.1133890	.4323286
#3	1.637368	14.43766	.0603834	-.000844	.3097020	.1120781	.4345209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.618808	1.752714	-.006763	-.000169	1.101551	2.740320	.0036597
Stddev	.053105	.012462	.001185	.000043	.014008	.015121	.0003215
%RSD	.6161493	.7110355	17.52983	25.58405	1.271690	.5518080	8.783643

#1	8.569511	1.738529	-.006430	-.000219	1.085376	2.722940	.0039932
#2	8.675039	1.761905	-.005779	-.000144	1.109475	2.747550	.0036342
#3	8.611874	1.757708	-.008079	-.000145	1.109801	2.750468	.0033518

Sample Name: K5059-22 Acquired: 10/01/2019 15:13:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.129248	.0392122	.0831741
Stddev	.007074	.0001133	.0002708
%RSD	.2260517	.2888581	.3255737

#1	3.125044	.0390979	.0828981
#2	3.137414	.0393244	.0834394
#3	3.125284	.0392143	.0831848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.030	2770.926	34681.22	6726.636	2684.664
Stddev	8.753	1.985	231.26	60.450	2.916
%RSD	.5866336	.0716236	.6668161	.8986631	.1085995

#1	1501.475	2772.954	34854.00	6790.527	2688.023
#2	1484.192	2770.835	34418.50	6670.347	2683.178
#3	1490.424	2768.988	34771.16	6719.034	2682.790

Sample Name: K5059-23 Acquired: 10/01/2019 15:17:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107315	.0031094	.1751675	-.002085	-.002213	68.80418	.7569754
Stddev	.0015236	.0021338	.0009575	.003264	.000892	.08361	.0025825
%RSD	14.19772	68.62571	.5466370	156.5728	40.29064	.1215139	.3411593

#1	.0094146	.0026640	.1756309	.000643	-.003243	68.72023	.7568404
#2	.0103797	.0054308	.1740664	-.005701	-.001719	68.88744	.7596228
#3	.0124003	.0012334	.1758051	-.001196	-.001678	68.80486	.7544631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062426	-.000464	36.16583	.1542733	.0884998	.0873946	137.5326
Stddev	.0000938	.000037	.17780	.0005796	.0001975	.0005164	.3953
%RSD	1.503226	7.991808	.4916353	.3756884	.2231109	.5908428	.2874104

#1	.0062969	-.000428	36.16248	.1549398	.0882795	.0871425	137.3774
#2	.0062967	-.000502	36.34528	.1538871	.0885590	.0879886	137.9819
#3	.0061343	-.000462	35.98972	.1539931	.0886609	.0870527	137.2384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.890137	23.69386	.1237062	-.001372	.4448625	.1805016	.8708698
Stddev	.010239	.02922	.0004609	.000224	.1872415	.0023362	.0030221
%RSD	.3542796	.1233020	.3725419	16.31754	42.08974	1.294270	.3470232

#1	2.885576	23.72757	.1238729	-.001126	.2653656	.1784700	.8726618
#2	2.901864	23.67823	.1240605	-.001427	.6389901	.1799804	.8725670
#3	2.882971	23.67579	.1231852	-.001563	.4302318	.1830543	.8673806

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.94286	3.221619	-.008902	.0013349	3.378185	4.275540	.0012016
Stddev	.01385	.017932	.000854	.0002319	.012036	.012363	.0012942
%RSD	.1159744	.5566036	9.589516	17.36888	.3562736	.2891515	107.7010

#1	11.92910	3.242044	-.008719	.0011840	3.385180	4.262393	-.000192
#2	11.94269	3.214353	-.008155	.0016019	3.364288	4.286930	.001431
#3	11.95680	3.208461	-.009833	.0012189	3.385087	4.277297	.002366

Sample Name: K5059-23 Acquired: 10/01/2019 15:17:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.293914	.0622697	.1182207
Stddev	.003600	.0003111	.0002772
%RSD	.0838429	.4995343	.2345189

#1	4.290958	.0619109	.1184979
#2	4.297923	.0624636	.1179434
#3	4.292862	.0624346	.1182208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.701	2893.602	36568.22	7160.875	2628.726
Stddev	3.343	3.914	105.49	11.082	3.282
%RSD	.2132148	.1352588	.2884797	.1547588	.1248429

#1	1564.101	2891.833	36474.74	7165.707	2628.207
#2	1568.296	2898.088	36547.33	7148.197	2632.236
#3	1570.706	2890.885	36682.59	7168.721	2625.734

Sample Name: K5063-02 Acquired: 10/01/2019 15:33:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359357	.0129091	.2788195	-.015298	.0038417	105.6471	.4865166
Stddev	.0030384	.0020855	.0027366	.000835	.0030032	.3172	.0030781
%RSD	8.455242	16.15543	.9815031	5.456491	78.17379	.3002793	.6326853

#1	.0326524	.0110342	.2819702	-.015404	.0004450	105.2887	.4829666
#2	.0386484	.0151554	.2774539	-.016075	.0061450	105.8921	.4884441
#3	.0365061	.0125377	.2770344	-.014416	.0049353	105.7604	.4881390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153306	-.004057	38.80839	.2791439	.1871430	.0532185	476.1461
Stddev	.0002262	.000055	.34646	.0005905	.0001849	.0024330	2.9826
%RSD	1.475206	1.352685	.8927493	.2115473	.0988111	4.571786	.6263947

#1	.0153198	-.004020	38.49532	.2798160	.1871098	.0521084	473.3038
#2	.0155620	-.004031	39.18062	.2789080	.1873423	.0515386	479.2515
#3	.0151101	-.004120	38.74923	.2787079	.1869770	.0560086	475.8831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.168832	7.659112	.1111828	-.003251	-.765715	.3702333	.7870518
Stddev	.033295	.039936	.0007009	.000346	.142708	.0026872	.0040980
%RSD	.5397232	.5214195	.6304375	10.63460	18.63724	.7258082	.5206782

#1	6.136574	7.614647	.1107307	-.003632	-.712851	.3695567	.7897037
#2	6.203074	7.691929	.1108274	-.002958	-.927312	.3679491	.7823319
#3	6.166849	7.670761	.1119902	-.003162	-.656982	.3731941	.7891200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.329220	3.486408	-.003240	.0026171	1.844092	2.070304	.0056731
Stddev	.054992	.019833	.013127	.0004072	.009193	.015783	.0013643
%RSD	4.137142	.5688743	405.1996	15.56000	.4985154	.7623491	24.04901

#1	1.276593	3.508025	-.002394	.0021496	1.853656	2.059020	.0048371
#2	1.324763	3.482147	-.016769	.0028942	1.843298	2.088340	.0049347
#3	1.386305	3.469051	.009444	.0028076	1.835321	2.063553	.0072475

Sample Name: K5063-02 Acquired: 10/01/2019 15:33:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAH8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3057182	.0461208	.0929057
Stddev	.0041592	.0006501	.0001241
%RSD	1.360481	1.409495	.1335922

#1	.3103999	.0468019	.0927624
#2	.3024496	.0460534	.0929811
#3	.3043051	.0455070	.0929734

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1501.167	2791.498	35289.75	6929.644	2619.598
Stddev	10.329	1.975	223.19	64.432	4.999
%RSD	.6880754	.0707644	.6324607	.9297977	.1908258

#1	1503.687	2792.333	35529.37	6989.926	2616.189
#2	1510.003	2792.920	35252.12	6861.741	2625.337
#3	1489.811	2789.243	35087.76	6937.264	2617.270

Sample Name: K5063-04 Acquired: 10/01/2019 15:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6523126	.0128348	.2487518	3.832514	.0050386	84.24835
Stddev	.0027171	.0044690	.0030470	.021178	.0014206	.23768
%RSD	.4165326	34.81901	1.224917	.5525860	28.19392	.2821140

#1	.6549753	.0128923	.2522385	3.841123	.0042957	83.97398
#2	.6495442	.0083374	.2466008	3.848032	.0041435	84.39101
#3	.6524181	.0172747	.2474160	3.808387	.0066766	84.38006

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.301883	.0186684	-.001992	623.9974	.2637419	.0993502
Stddev	.004097	.0001294	.000094	6.2464	.0007293	.0002971
%RSD	.1779859	.6929330	4.717833	1.001033	.2765318	.2990026

#1	2.298002	.0185873	-.001883	623.5537	.2645840	.0994750
#2	2.306166	.0186002	-.002044	617.9847	.2633302	.0990111
#3	2.301480	.0188175	-.002047	630.4538	.2633115	.0995645

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6590521	396.2398	4.157342	18.72178	.2083751	-.002661
Stddev	.0025469	1.7071	.012290	.12979	.0008842	.000204
%RSD	.3864506	.4308338	.2956306	.6932498	.4243427	7.657900

#1	.6561453	394.2959	4.143171	18.59462	.2076697	-.002890
#2	.6608925	396.9286	4.163761	18.71666	.2080886	-.002596
#3	.6601184	397.4950	4.165094	18.85405	.2093671	-.002498

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.871559	.4843809	1.083977	42.18295	7.117272	.2084533
Stddev	.246230	.0004173	.006336	.19824	.004679	.0050523
%RSD	2.494340	.0861571	.5845316	.4699615	.0657358	2.423697

#1	10.14658	.4839509	1.077052	41.95434	7.122488	.2038582
#2	9.67158	.4847843	1.089485	42.30748	7.113444	.2138636
#3	9.79652	.4844075	1.085393	42.28702	7.115883	.2076381

Sample Name: K5063-04 Acquired: 10/01/2019 15:41:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509820	F 283.9411	6.039022	.0425573	7.693831	.2131444
Stddev	.0001778	.3148	.074324	.0018772	.020665	.0006716
%RSD	.3487980	.1108669	1.230730	4.410935	.2685907	.3151171
#1	.0511622	284.1432	6.002167	.0445277	7.675896	.2131571
#2	.0508067	284.1016	5.990327	.0407898	7.716429	.2124664
#3	.0509770	283.5784	6.124571	.0423544	7.689169	.2138095

Elem	Sr4077
Units	ppm
Avg	2.192340
Stddev	.004722
%RSD	.2153806
#1	2.187054
#2	2.196140
#3	2.193826

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.829	2737.438	35230.95	7076.282	2339.932
Stddev	5.357	1.661	170.73	39.529	1.710
%RSD	.3609998	.0606703	.4845909	.5586073	.0730970
#1	1487.933	2736.352	35428.07	7098.905	2339.575
#2	1485.786	2736.611	35134.90	7099.302	2341.792
#3	1477.769	2739.350	35129.88	7030.639	2338.428

Sample Name: K5063-03 Acquired: 10/01/2019 15:37:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122574	.0057012	.2022888	-.003126	-.000549	55.36118	.6004154
Stddev	.0016777	.0034707	.0012947	.004238	.002420	.10466	.0038586
%RSD	13.68687	60.87716	.6400163	135.5876	440.6068	.1890579	.6426540

#1	.0109707	.0029202	.2033359	-.006224	-.000394	55.24035	.5959637
#2	.0116467	.0045927	.2026892	-.004858	.001789	55.41955	.6028005
#3	.0141549	.0095908	.2008412	.001704	-.003043	55.42365	.6024821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054570	-.000354	11.96013	.1306880	.0728452	.0555155	121.4246
Stddev	.0001198	.000040	.08295	.0007207	.0004758	.0007875	.7904
%RSD	2.195554	11.26463	.6935313	.5514459	.6531627	1.418499	.6509300

#1	.0055642	-.000388	11.87731	.1311066	.0729788	.0547907	120.5905
#2	.0053277	-.000365	11.95989	.1298558	.0732399	.0554023	121.5206
#3	.0054791	-.000310	12.04321	.1311014	.0723169	.0563534	122.1625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094557	17.38335	.0920583	-.001213	.0872386	.1709701	.6958991
Stddev	.011595	.10508	.0003602	.000279	.1722782	.0009179	.0043770
%RSD	.5535537	.6044607	.3912226	22.96133	197.4793	.5368949	.6289717

#1	2.082756	17.26421	.0924722	-.001290	-.051224	.1699161	.6949266
#2	2.094984	17.42306	.0918168	-.000904	.032774	.1715943	.7006806
#3	2.105933	17.46279	.0918858	-.001445	.280166	.1714000	.6920902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.737924	2.636376	-.011327	.0009205	1.721781	2.926999	.0012380
Stddev	.061719	.022071	.002030	.0002319	.010852	.017452	.0019271
%RSD	.7063311	.8371898	17.91868	25.19322	.6302657	.5962415	155.6671

#1	8.740246	2.641037	-.013660	.0010344	1.727085	2.919324	-.000221
#2	8.798448	2.612346	-.009967	.0010734	1.709298	2.914700	.003423
#3	8.675076	2.655744	-.010353	.0006536	1.728961	2.946973	.000512

Sample Name: K5063-03 Acquired: 10/01/2019 15:37:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.863154	.0449062	.0640739
Stddev	.014491	.0012133	.0001846
%RSD	.3751138	2.701784	.2880331

#1	3.850601	.0435446	.0639659
#2	3.879012	.0453015	.0639688
#3	3.859849	.0458725	.0642870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.752	2838.737	35837.15	6980.921	2658.837
Stddev	7.632	6.066	149.21	13.996	6.897
%RSD	.4960079	.2136735	.4163456	.2004866	.2594013

#1	1532.362	2844.979	35664.94	6978.484	2666.604
#2	1536.690	2832.865	35918.65	6995.976	2653.430
#3	1547.203	2838.368	35927.85	6968.304	2656.477

Sample Name: K5063-06 Acquired: 10/01/2019 15:50:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355542	.0034089	.4806322	-.000980	.0020534	73.46802	.8126872
Stddev	.0040748	.0024929	.0022194	.003034	.0011170	.16719	.0025320
%RSD	11.46098	73.13022	.4617737	309.5622	54.39722	.2275712	.3115553

#1	.0402196	.0006435	.4783683	-.003094	.0023246	73.27905	.8118372
#2	.0337504	.0054837	.4828043	.002496	.0008258	73.52830	.8106896
#3	.0326925	.0040994	.4807241	-.002341	.0030099	73.59672	.8155348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086637	.0041646	165.6091	.1791714	.1082989	1.457812	201.6704
Stddev	.0000052	.0000464	.1718	.0006039	.0004184	.004929	.1619
%RSD	.0595696	1.115458	.1037332	.3370624	.3863051	.3381279	.0802950

#1	.0086690	.0041211	165.5315	.1797194	.1083174	1.460031	201.6717
#2	.0086634	.0042135	165.4898	.1792708	.1087077	1.461241	201.8317
#3	.0086587	.0041590	165.8060	.1785239	.1078716	1.452163	201.5078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.06486	29.78744	.2154754	-.000668	8.014069	.1842880	14.84349
Stddev	.01290	.02876	.0008576	.000423	.255507	.0016017	.04808
%RSD	.1069046	.0965649	.3979820	63.31466	3.188237	.8691153	.3238987

#1	12.07109	29.79690	.2163641	-.000570	8.150847	.1843089	14.81419
#2	12.07347	29.75514	.2154095	-.001131	7.719289	.1858791	14.81730
#3	12.05004	29.81028	.2146528	-.000302	8.172071	.1826759	14.89898

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.437100	4.198587	.0070049	.0028955	75.13385	11.35220	.0309846
Stddev	.017912	.014868	.0032885	.0002405	.12042	.14185	.0009083
%RSD	.4036866	.3541251	46.94559	8.305215	.1602773	1.249557	2.931325

#1	4.434622	4.199777	.0103731	.0026482	75.05680	11.33409	.0310546
#2	4.456122	4.183159	.0038023	.0029097	75.07213	11.50223	.0300434
#3	4.420556	4.212824	.0068394	.0031285	75.27262	11.22027	.0318559

Sample Name: K5063-06 Acquired: 10/01/2019 15:50:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5210809	.0716459	.2312413
Stddev	.0039404	.0015538	.0004290
%RSD	.7561931	2.168745	.1855210

#1	.5249248	.0734383	.2316987
#2	.5212672	.0708189	.2311773
#3	.5170507	.0706805	.2308478

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.851	2995.591	38164.32	7610.504	2508.146
Stddev	12.911	1.930	135.02	12.861	8.066
%RSD	.7926330	.0644289	.3537846	.1689860	.3216054

#1	1637.199	2993.414	38233.40	7625.321	2499.261
#2	1635.373	2996.271	38250.82	7603.961	2515.010
#3	1613.980	2997.090	38008.74	7602.231	2510.166

Sample Name: K5063-07 Acquired: 10/01/2019 15:54:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093791	.0022371	.1291941	-.002309	-.000405	33.39369	.3225065
Stddev	.0013128	.0020904	.0011079	.003071	.001207	.12135	.0022626
%RSD	13.99697	93.44106	.8575081	132.9568	297.7176	.3633873	.7015626

#1	.0080431	-.000129	.1298568	.001235	-.000027	33.25396	.3199193
#2	.0106674	.003834	.1279151	-.004016	-.001756	33.47259	.3241151
#3	.0094269	.003006	.1298103	-.004148	.000567	33.45452	.3234851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035257	-.000510	34.44620	.0850619	.0449463	.0306678	80.13239
Stddev	.0000751	.000042	.24973	.0002312	.0002518	.0021115	.30554
%RSD	2.129225	8.167500	.7249969	.2718253	.5603090	6.885077	.3812949

#1	.0035154	-.000503	34.16313	.0852419	.0448966	.0324360	79.78490
#2	.0036053	-.000554	34.54004	.0848011	.0447230	.0312374	80.25329
#3	.0034563	-.000472	34.63541	.0851426	.0452193	.0283299	80.35897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.529121	19.29820	.0614312	-.000452	.1641333	.0889012	.6324887
Stddev	.010764	.16960	.0000759	.000551	.1248334	.0001536	.0056663
%RSD	.7039332	.8788610	.1236240	121.8171	76.05613	.1727540	.8958798

#1	1.516699	19.10273	.0613817	-.001022	.3029022	.0887867	.6261551
#2	1.534964	19.38549	.0615187	-.000413	.0609734	.0888412	.6370773
#3	1.535700	19.40638	.0613933	.000078	.1285242	.0890757	.6342336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253699	1.663626	-.006728	.0003495	1.268896	1.101914	.0021252
Stddev	.046570	.005012	.000089	.0003785	.012481	.005599	.0013522
%RSD	.8864171	.3012536	1.320933	108.3147	.9836158	.5081602	63.62845

#1	5.259748	1.663160	-.006674	.0003188	1.282582	1.106688	.0035290
#2	5.296948	1.668854	-.006680	.0007424	1.258142	1.095750	.0020153
#3	5.204400	1.658863	-.006831	-.000013	1.265966	1.103303	.0008312

Sample Name: K5063-07 Acquired: 10/01/2019 15:54:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.121858	.0308869	.0601825
Stddev	.012944	.0004172	.0001124
%RSD	.6100134	1.350773	.1867789

#1	2.108591	.0308477	.0600714
#2	2.122531	.0304907	.0601799
#3	2.134452	.0313223	.0602962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.227	2714.758	34110.95	6644.632	2656.805
Stddev	7.703	5.300	36.35	31.083	2.479
%RSD	.5235656	.1952202	.1065707	.4677854	.0932899

#1	1479.802	2711.702	34120.70	6679.898	2656.704
#2	1464.892	2720.877	34141.43	6621.222	2659.332
#3	1468.988	2711.693	34070.72	6632.776	2654.378

Sample Name: K5063-05 Acquired: 10/01/2019 15:46:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060994	.0037844	.1403627	-.002978	-.001308	55.12075	.4933198
Stddev	.0014682	.0027146	.0016589	.004147	.000503	.05604	.0008367
%RSD	24.07069	71.72998	1.181877	139.2670	38.46779	.1016628	.1696132

#1	.0072672	.0011369	.1421576	-.007127	-.000926	55.06086	.4938916
#2	.0044512	.0036550	.1400449	.001167	-.001121	55.17191	.4937084
#3	.0065797	.0065614	.1388858	-.002974	-.001878	55.12949	.4923594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048293	-.000892	6.305759	.1212131	.0634355	.0374702	103.1299
Stddev	.0001293	.000123	.022409	.0005527	.0000361	.0023031	.1106
%RSD	2.677741	13.74621	.3553688	.4559308	.0568451	6.146522	.1072013

#1	.0049752	-.000783	6.330377	.1216217	.0634301	.0348261	103.0502
#2	.0047288	-.000867	6.286549	.1214333	.0634739	.0385457	103.0834
#3	.0047838	-.001025	6.300352	.1205843	.0634024	.0390389	103.2561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.343600	17.29186	.0792478	-.001208	.4119281	.1252935	.4872430
Stddev	.002663	.09138	.0001554	.000207	.2132205	.0034675	.0036911
%RSD	.1136197	.5284327	.1961124	17.11662	51.76158	2.767537	.7575424

#1	2.341869	17.20369	.0792500	-.001229	.4864889	.1254509	.4829810
#2	2.346667	17.38613	.0790913	-.000991	.5778558	.1286797	.4893894
#3	2.342265	17.28576	.0794021	-.001403	.1714397	.1217500	.4893587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.21022	1.777834	-.010412	.0001190	.5969989	2.088139	-.000023
Stddev	.02034	.004809	.002841	.0006266	.0082392	.016649	.000757
%RSD	.1814484	.2704763	27.28542	526.4312	1.380097	.7973011	3343.789

#1	11.19221	1.781570	-.013691	.0003305	.6058872	2.095863	.000553
#2	11.23228	1.779522	-.008688	-.000586	.5954926	2.099522	.000259
#3	11.20617	1.772408	-.008858	.000613	.5896167	2.069031	-.000880

Sample Name: K5063-05 Acquired: 10/01/2019 15:46:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.709654	.0515043	.0406745
Stddev	.004901	.0006372	.0001412
%RSD	.1321123	1.237095	.3471182

#1	3.715271	.0522384	.0408324
#2	3.707447	.0511805	.0406308
#3	3.706245	.0510942	.0405603

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.449	2778.306	35289.87	6791.526	2664.603
Stddev	17.325	5.486	250.43	6.699	9.022
%RSD	1.148538	.1974689	.7096344	.0986418	.3385793

#1	1527.988	2773.102	35570.77	6797.176	2654.359
#2	1502.398	2777.779	35089.97	6793.277	2668.083
#3	1494.961	2784.037	35208.85	6784.125	2671.366

Sample Name: K5063-08 Acquired: 10/01/2019 15:58:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154214	.0036022	.1657968	-.001366	.0009955	55.01301	.5740843
Stddev	.0024242	.0028455	.0018865	.002795	.0006171	.26793	.0045949
%RSD	15.71990	78.99425	1.137837	204.6864	61.98642	.4870270	.8003826

#1	.0126225	.0004760	.1679421	-.001813	.0010370	54.74497	.5696570
#2	.0167836	.0060411	.1650513	-.003911	.0003587	55.01321	.5737659
#3	.0168581	.0042894	.1643969	.001626	.0015907	55.28083	.5788302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055146	-.000635	13.41043	.1745830	.0764451	.0664254	128.0342
Stddev	.0000092	.000042	.11247	.0007381	.0003036	.0013827	.8164
%RSD	.1661198	6.647753	.8386678	.4227640	.3971285	2.081524	.6376702

#1	.0055074	-.000620	13.28335	.1743451	.0763873	.0665880	127.1094
#2	.0055249	-.000602	13.45079	.1754107	.0761746	.0649686	128.3381
#3	.0055114	-.000682	13.49715	.1739932	.0767735	.0677195	128.6551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.448845	16.13625	.0907215	-.001235	.2381939	.1708301	.4998737
Stddev	.017454	.12724	.0006830	.000169	.1687811	.0027478	.0104091
%RSD	.7127467	.7885096	.7528080	13.65940	70.85873	1.608512	2.082337

#1	2.428845	16.01381	.0913789	-.001096	.3065675	.1679545	.4882006
#2	2.456692	16.12715	.0900156	-.001423	.3620603	.1734292	.5081908
#3	2.460999	16.26779	.0907700	-.001186	.0459537	.1711065	.5032296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.835924	2.837869	-.010113	.0011244	2.117388	2.065431	.0028504
Stddev	.052319	.011304	.001043	.0002335	.005213	.015373	.0013043
%RSD	.6676836	.3983185	10.30834	20.76414	.2461991	.7442859	45.75687

#1	7.777065	2.833407	-.009571	.0011605	2.115587	2.063769	.0036729
#2	7.853564	2.829477	-.009454	.0013376	2.123263	2.050957	.0013466
#3	7.877143	2.850723	-.011315	.0008749	2.113314	2.081568	.0035317

Sample Name: K5063-08 Acquired: 10/01/2019 15:58:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAJ9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.180065	.0467422	.0576653
Stddev	.020745	.0024562	.0002145
%RSD	.6523535	5.254800	.3720290

#1	3.156177	.0450413	.0574674
#2	3.190454	.0456271	.0576353
#3	3.193563	.0495582	.0578933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.151	2855.370	35766.02	6973.822	2666.612
Stddev	5.693	1.805	158.16	27.208	.182
%RSD	.3698908	.0632111	.4422157	.3901448	.0068246

#1	1532.603	2856.527	35640.99	6975.977	2666.431
#2	1542.929	2856.293	35713.24	6999.889	2666.795
#3	1541.921	2853.290	35943.82	6945.601	2666.610

Sample Name: CCV078 Acquired: 10/01/2019 16:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826941	4.919274	24.26660	4.699864	4.855380	385.5891	9.930800
Stddev	.022461	.009054	.07451	.027219	.013829	4.8797	.156809
%RSD	.4653182	.1840573	.3070645	.5791417	.2848170	1.265519	1.579020

#1	4.812184	4.912437	24.26382	4.693725	4.854670	390.4073	10.00061
#2	4.815849	4.915844	24.19352	4.676239	4.841920	385.7098	10.04058
#3	4.852790	4.929543	24.34247	4.729628	4.869551	380.6502	9.75121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4907174	2.402289	398.8693	14.76208	2.459770	14.87886	387.7762
Stddev	.0057671	.005880	3.1163	.01630	.008096	.04500	1.8949
%RSD	1.175247	.2447812	.7812819	.1104150	.3291529	.3024713	.4886675

#1	.4956402	2.400912	399.6112	14.75613	2.461319	14.88930	388.1954
#2	.4921397	2.397219	401.5478	14.74960	2.451012	14.91772	389.4265
#3	.4843721	2.408735	395.4491	14.78052	2.466981	14.82955	385.7068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66889	392.9197	2.468698	1.251698	392.5847	2.448553	14.28168
Stddev	.09815	1.9475	.003545	.008291	1.5637	.009548	.12263
%RSD	.6690848	.4956446	.1436083	.6624066	.3983011	.3899541	.8586548

#1	14.71797	393.6538	2.466952	1.246041	392.1886	2.450320	14.14037
#2	14.73282	394.3934	2.466365	1.247837	394.3083	2.457095	14.36010
#3	14.55589	390.7119	2.472778	1.261216	391.2572	2.438245	14.34459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.6855	5.245304	4.845342	4.799000	5.033595	4.825257	4.939544
Stddev	.5552	.017800	.036685	.013380	.028207	.058474	.014270
%RSD	.3759671	.3393502	.7571147	.2788161	.5603678	1.211832	.2888878

#1	147.8141	5.226454	4.879395	4.785043	5.011724	4.883300	4.936064
#2	148.1652	5.247633	4.850134	4.800240	5.023629	4.826109	4.927336
#3	147.0773	5.261825	4.806497	4.811717	5.065432	4.766362	4.955232

Sample Name: CCV078 Acquired: 10/01/2019 16:02:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV078 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.910672	4.925479	4.851452
Stddev	.013628	.048207	.093086
%RSD	.2775120	.9787334	1.918717

#1	4.910379	4.939406	4.871711
#2	4.924444	4.965189	4.932741
#3	4.897194	4.871841	4.749906

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.854	2158.360	28777.48	5960.272	2110.150
Stddev	11.794	4.173	244.80	49.672	5.158
%RSD	1.036526	.1933296	.8506562	.8333851	.2444399

#1	1150.406	2160.105	29046.42	5942.159	2108.277
#2	1127.001	2161.377	28718.36	5922.198	2115.983
#3	1136.156	2153.598	28567.66	6016.458	2106.190

Sample Name: K5063-01 Acquired: 10/01/2019 16:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4414806	-.005284	4.804008	.0100478	.0654147	.8426194
Stddev	.0036109	.003362	.005197	.0048968	.0022260	.0264460
%RSD	.8179188	63.62881	.1081875	48.73463	3.402855	3.138552

#1	.4421650	-.004211	4.798594	.0100940	.0678423	.8720483
#2	.4375765	-.002590	4.808958	.0149212	.0634696	.8208446
#3	.4447004	-.009052	4.804472	.0051281	.0649320	.8349652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334735	.0027603	.0301791	F 1759.710	.0448249	.1135006
Stddev	.0006373	.0000472	.0001775	22.661	.0012686	.0006775
%RSD	1.903809	1.710508	.5881180	1.287767	2.830169	.5969609

#1	.0337516	.0027082	.0299880	1751.270	.0434590	.1141536
#2	.0339244	.0028003	.0302105	1785.379	.0459663	.1128009
#3	.0327444	.0027724	.0303388	1742.480	.0450493	.1135471

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121175	152.0497	3.735754	F 1041.855	.1168457	-.001172
Stddev	.001191	.5078	.018568	4.436	.0003715	.000158
%RSD	.1061870	.3339661	.4970443	.4258166	.3179623	13.45956

#1	1.122502	152.2139	3.746928	1042.274	.1164307	-.001350
#2	1.120200	152.4551	3.746015	1046.067	.1169593	-.001116
#3	1.120823	151.4801	3.714320	1037.224	.1171472	-.001050

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4471544	.2892285	2.796602	-.219758	1.500296	-.007939
Stddev	.2681167	.0022248	.023831	.077620	.007265	.002610
%RSD	59.96065	.7691999	.8521594	35.32079	.4842358	32.87325

#1	.5904969	.2906184	2.819171	-.208484	1.506869	-.006291
#2	.1378358	.2904045	2.771682	-.148392	1.501525	-.010948
#3	.6131306	.2866626	2.798953	-.302399	1.492496	-.006578

Sample Name: K5063-01 Acquired: 10/01/2019 16:10:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAD6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461270	.7160020	2.072979	.0020841	.0269478	.0134715
Stddev	.0002168	.0045820	.036419	.0022652	.0022291	.0017251
%RSD	.4700491	.6399396	1.756852	108.6899	8.271738	12.80551

#1	.0462474	.7156221	2.040985	.0000777	.0247794	.0153683
#2	.0462569	.7116219	2.112612	.0045405	.0292329	.0130499
#3	.0458767	.7207622	2.065339	.0016341	.0268311	.0119963

Elem	Sr4077
Units	ppm
Avg	.2285519
Stddev	.0004085
%RSD	.1787362

#1	.2286829
#2	.2280940
#3	.2288789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.004	2412.307	31800.64	6543.815	1990.380
Stddev	13.221	.607	110.47	38.948	1.566
%RSD	1.001564	.0251704	.3473692	.5951837	.0786553

#1	1304.885	2412.695	31696.92	6525.033	1989.449
#2	1329.396	2412.618	31916.80	6517.818	1989.504
#3	1325.730	2411.607	31788.21	6588.595	1992.188

Sample Name: K5059-01 Acquired: 10/01/2019 16:14:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5498291	.0023595	.4988066	.0155785	.1315603	15.48240
Stddev	.0043878	.0036264	.0027709	.0032651	.0003821	.02795
%RSD	.7980347	153.6947	.5555081	20.95926	.2904702	.1805451

#1	.5525732	-.001793	.4960481	.0156122	.1319819	15.47421
#2	.5521456	.003970	.4987818	.0122966	.1312367	15.51354
#3	.5447685	.004902	.5015898	.0188266	.1314623	15.45946

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.297153	.0029053	.4803863	689.7616	6.808880	.5965535
Stddev	.009792	.0000116	.0014054	2.8455	.002642	.0022452
%RSD	.7549081	.3975801	.2925518	.4125311	.0388082	.3763546

#1	1.293474	.0029052	.4799144	692.4705	6.807255	.5968130
#2	1.308252	.0028938	.4792776	690.0174	6.811929	.5941899
#3	1.289733	.0029169	.4819669	686.7969	6.807456	.5986577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.69902	119.4431	1.844607	311.9528	F 7.472988	.0142596
Stddev	.11457	.4314	.012194	1.5038	.013730	.0002472
%RSD	.3209283	.3611952	.6610481	.4820708	.1837222	1.733372

#1	35.75342	119.2464	1.841495	311.9278	7.475917	.0140029
#2	35.77625	119.9378	1.858056	313.4689	7.458031	.0142801
#3	35.56739	119.1450	1.834272	310.4616	7.485017	.0144960

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350065	.2163189	1.227761	5.719891	2.522423	.0291616
Stddev	.165980	.0043894	.013754	.053930	.016600	.0011364
%RSD	12.29421	2.029131	1.120272	.9428481	.6581077	3.896996

#1	1.541667	.2166239	1.212037	5.714957	2.538319	.0280418
#2	1.258230	.2205478	1.237560	5.776118	2.523753	.0303139
#3	1.250297	.2117849	1.233686	5.668597	2.505198	.0291291

Sample Name: K5059-01 Acquired: 10/01/2019 16:14:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAD5 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198501	1.444563	2.309013	-.001116	.4714467	.0250116
Stddev	.0003815	.010692	.029597	.001534	.0041865	.0005819
%RSD	1.921943	.7401208	1.281821	137.4156	.8880177	2.326361

#1	.0194321	1.444599	2.332580	.000648	.4682117	.0245506
#2	.0201797	1.455236	2.318664	-.001859	.4761752	.0256654
#3	.0199384	1.433853	2.275794	-.002137	.4699534	.0248188

Elem	Sr4077
Units	ppm
Avg	.4228768
Stddev	.0004701
%RSD	.1111709

#1	.4233943
#2	.4224762
#3	.4227598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.715	2384.544	32100.01	6529.238	2263.184
Stddev	6.978	6.590	181.22	20.064	8.208
%RSD	.5385215	.2763697	.5645562	.3072900	.3626963

#1	1303.436	2389.012	32223.47	6506.620	2264.586
#2	1289.858	2387.645	31891.96	6544.894	2270.601
#3	1293.853	2376.975	32184.61	6536.199	2254.365

Sample Name: CCB078 Acquired: 10/01/2019 16:06:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035058	.0007379	.0008697	.0009651	-.000149	.0134320	.0004176
Stddev	.0032412	.0016727	.0007182	.0018244	.001264	.0074413	.0003290
%RSD	92.45150	226.6852	82.58595	189.0407	849.6256	55.39947	78.79005

#1	.0042457	.0008189	.0005197	.0000341	-.001594	.0189320	.0004814
#2	.0063130	-.000974	.0003935	.0030671	.000392	.0163992	.0007100
#3	-.000041	.002369	.0016958	-.000206	.000755	.0049649	.0000613

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001774	.0000556	.0093244	.0002688	-.000137	.0006751	.0164423
Stddev	.0000741	.0000385	.0085631	.0004023	.000060	.0031931	.0065469
%RSD	41.78344	69.33044	91.83559	149.6651	43.33337	472.9603	39.81735

#1	.0001240	.0000146	.0178699	.0001143	-.000098	.0039022	.0223881
#2	.0002621	.0000911	.0007438	.0007254	-.000109	.0006060	.0175127
#3	.0001463	.0000609	.0093595	-.000033	-.000206	-.002483	.0094262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005562	.0328702	.0000658	-.000162	-.268385	.0000094	.0001980
Stddev	.0003342	.0107816	.0002643	.000402	.168194	.0001753	.0014100
%RSD	60.09154	32.80050	401.4443	248.0540	62.66869	1854.368	712.2236

#1	.0005400	.0438759	-.000144	-.000278	-.108165	.0001207	.0005146
#2	.0008982	.0223277	-.000021	-.000494	-.443555	-.000193	.0014227
#3	.0002304	.0324069	.000363	.000285	-.253436	.000100	-.001343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0290482	.0000285	.0063190	.0004912	.0040527	.0023799	.0001049
Stddev	.0142973	.0011898	.0005157	.0004706	.0047554	.0010132	.0007056
%RSD	49.21912	4177.798	8.161531	95.80698	117.3381	42.57472	672.5749

#1	.0242674	.0000448	.0060348	.0009587	.0084603	.0013203	.0005171
#2	.0451232	-.001169	.0060079	.0004971	-.000987	.0033393	-.000710
#3	.0177539	.001210	.0069143	.0000176	.004685	.0024801	.000507

Sample Name: CCB078 Acquired: 10/01/2019 16:06:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB078 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019054	.0031140	.0001820
Stddev	.0014327	.0003242	.0001059
%RSD	75.19499	10.40982	58.18254

#1	.0003680	.0034737	.0002681
#2	.0032033	.0030240	.0002142
#3	.0021447	.0028444	.0000638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.444	2551.586	32257.98	6163.622	2681.971
Stddev	8.957	4.564	220.65	55.779	8.572
%RSD	.6493425	.1788750	.6840257	.9049769	.3196309

#1	1369.580	2546.316	32117.41	6221.943	2672.518
#2	1387.069	2554.315	32512.30	6158.133	2684.153
#3	1381.685	2554.125	32144.23	6110.790	2689.241

Sample Name: K5063-09LX5 Acquired: 10/01/2019 16:31:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196917	-.000307	.1305337	.0060766	.0008504	14.36530	.4123682
Stddev	.0006380	.001369	.0015013	.0015589	.0024506	.06227	.0020215
%RSD	3.239974	446.5150	1.150114	25.65343	288.1790	.4334423	.4902199

#1	.0194199	-.001615	.1296464	.0056239	.0000920	14.29352	.4101558
#2	.0192347	-.000421	.1322671	.0078117	-.001131	14.39764	.4141190
#3	.0204206	.001116	.1296877	.0047942	.003590	14.40474	.4128297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017493	.0031254	519.3808	.0430686	.0145508	.1029809	38.12392
Stddev	.0000530	.0000660	2.9315	.0005822	.0002477	.0011034	.15681
%RSD	3.030926	2.112156	.5644179	1.351898	1.702006	1.071502	.4113261

#1	.0017674	.0030684	516.7101	.0430926	.0142657	.1026655	37.96923
#2	.0017909	.0031102	522.5173	.0424747	.0146733	.1020695	38.28277
#3	.0016896	.0031978	518.9151	.0436384	.0147133	.1042077	38.11975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205506	13.85471	.0339000	.0001947	3.256490	.0364740	3.839219
Stddev	.007530	.09937	.0005684	.0003137	.212244	.0012271	.022215
%RSD	.6246654	.7171978	1.676775	161.1425	6.517555	3.364238	.5786311

#1	1.197370	13.74511	.0339614	.0000059	3.344792	.0352269	3.822150
#2	1.212231	13.93892	.0333033	.0005569	3.410326	.0376801	3.831171
#3	1.206918	13.88010	.0344352	.0000213	3.014350	.0365149	3.864336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8353321	1.178411	.0088689	.0024416	31.33225	.6982503	.0015924
Stddev	.0363894	.002071	.0009684	.0002380	.08194	.0022281	.0012306
%RSD	4.356284	.1757516	10.91950	9.747064	.2615108	.3190951	77.27833

#1	.7950338	1.177676	.0080228	.0026437	31.26308	.6958418	.0007624
#2	.8657878	1.180749	.0086587	.0021793	31.42274	.6986712	.0010086
#3	.8451747	1.176808	.0099251	.0025018	31.31094	.7002380	.0030063

Sample Name: K5063-09LX5 Acquired: 10/01/2019 16:31:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0623460	.0610747	1.168795
Stddev	.0011956	.0016182	.001289
%RSD	1.917623	2.649628	.1103242

#1	.0635545	.0600613	1.168689
#2	.0623196	.0629409	1.167562
#3	.0611638	.0602217	1.170134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.012	2552.784	32675.86	6507.119	2398.010
Stddev	6.132	7.039	74.15	32.252	9.046
%RSD	.4420901	.2757502	.2269137	.4956363	.3772255

#1	1387.458	2546.646	32652.83	6523.783	2389.041
#2	1380.670	2551.239	32615.96	6469.944	2397.857
#3	1392.909	2560.468	32758.79	6527.630	2407.131

Sample Name: K5063-09 Acquired: 10/01/2019 16:18:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682518	-.005594	.6320798	.0067492	.0108824	57.35421
Stddev	.0055723	.001553	.0032797	.0050053	.0007746	.17869
%RSD	8.164280	27.75968	.5188672	74.16098	7.117509	.3115523

#1	.0720928	-.004729	.6324129	.0124362	.0100616	57.22021
#2	.0708019	-.004665	.6351802	.0047978	.0116005	57.55709
#3	.0618609	-.007386	.6286463	.0030135	.0109850	57.28533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.622238	.0060980	.0165120	F 1925.856	.1601885	.0800287
Stddev	.005350	.0000655	.0000510	4.799	.0006467	.0005668
%RSD	.3297751	1.073610	.3086208	.2492115	.4036917	.7082937

#1	1.627367	.0061722	.0165599	1931.393	.1599001	.0806749
#2	1.622656	.0060732	.0164584	1922.878	.1597363	.0796154
#3	1.616692	.0060485	.0165176	1923.297	.1609292	.0797959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050041	143.9969	4.496734	52.47844	.1710551	.0001489
Stddev	.0006204	.4173	.015367	.16379	.0005595	.0003508
%RSD	.1531793	.2897904	.3417478	.3121011	.3271106	235.6562

#1	.4044244	144.1790	4.490495	52.42475	.1716963	-.000098
#2	.4056584	144.2921	4.514240	52.66233	.1708034	.000550
#3	.4049295	143.5195	4.485467	52.34823	.1706656	-.000005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.99711	.1405806	15.46121	3.888188	6.130918	.0375571
Stddev	.19548	.0006261	.09387	.067677	.012361	.0015279
%RSD	1.503997	.4453837	.6071425	1.740576	.2016229	4.068083

#1	12.86625	.1405189	15.38133	3.841036	6.117579	.0375630
#2	13.22181	.1412353	15.56460	3.965733	6.141987	.0390819
#3	12.90327	.1399876	15.43771	3.857794	6.133188	.0360262

Sample Name: K5063-09 Acquired: 10/01/2019 16:18:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK2 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101948	F 168.0138	2.708371	.0356481	.2369780	.2502024
Stddev	.0003210	.2002	.009860	.0035998	.0016027	.0015970
%RSD	3.148253	.1191349	.3640437	10.09831	.6762899	.6382680
#1	.0098578	167.7835	2.715247	.0320342	.2351645	.2499865
#2	.0102298	168.1463	2.697074	.0392337	.2382038	.2518964
#3	.0104968	168.1115	2.712791	.0356764	.2375657	.2487244

Elem	Sr4077
Units	ppm
Avg	4.562915
Stddev	.011719
%RSD	.2568362
#1	4.550147
#2	4.573181
#3	4.565418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1603.993	2963.747	38363.41	8045.779	2075.988
Stddev	4.853	6.228	108.44	33.359	3.137
%RSD	.3025699	.2101436	.2826739	.4146210	.1511176
#1	1599.115	2966.048	38243.55	8010.189	2073.242
#2	1604.042	2956.695	38391.96	8050.810	2075.316
#3	1608.821	2968.497	38454.72	8076.337	2079.407

Sample Name: K5063-10 Acquired: 10/01/2019 16:22:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648494	-.008030	.6385524	.0089430	.0087706	57.67010
Stddev	.0052305	.005194	.0071708	.0026829	.0010405	.25044
%RSD	8.065642	64.68318	1.122984	30.00029	11.86371	.4342558

#1	.0596253	-.005154	.6314946	.0103272	.0099058	57.42061
#2	.0700863	-.004910	.6383315	.0106512	.0078621	57.92147
#3	.0648366	-.014026	.6458312	.0058507	.0085440	57.66821

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.630460	.0060716	.0165852	F 1946.419	.1604488	.0798148
Stddev	.013571	.0000747	.0001873	16.712	.0001297	.0006722
%RSD	.8323607	1.229808	1.129533	.8586133	.0808461	.8421831

#1	1.620390	.0059860	.0164025	1952.344	.1603250	.0792435
#2	1.645893	.0061235	.0165762	1959.361	.1605837	.0805555
#3	1.625096	.0061053	.0167769	1927.551	.1604377	.0796455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050217	144.7259	4.518920	52.72172	.1708957	.0002725
Stddev	.0027224	1.0844	.031744	.36971	.0008613	.0000787
%RSD	.6721569	.7493013	.7024690	.7012539	.5039904	28.88061

#1	.4020626	144.0329	4.497341	52.52326	.1712339	.0002817
#2	.4074200	145.9756	4.555370	53.14828	.1699166	.0001896
#3	.4055824	144.1691	4.504051	52.49362	.1715366	.0003462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.90972	.1408480	15.46175	3.869021	6.161908	.0365204
Stddev	.23202	.0011946	.03413	.043057	.025754	.0018379
%RSD	1.797280	.8481434	.2207607	1.112864	.4179581	5.032480

#1	12.80689	.1395544	15.46254	3.897438	6.136937	.0344358
#2	12.74688	.1419095	15.42722	3.819482	6.160407	.0379072
#3	13.17539	.1410801	15.49547	3.890144	6.188380	.0372183

Sample Name: K5063-10 Acquired: 10/01/2019 16:22:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101970	F 169.1929	2.653036	.0383156	.2376629	.2526430
Stddev	.0006455	.2470	.027213	.0024308	.0015745	.0030890
%RSD	6.330622	.1460037	1.025728	6.344133	.6625048	1.222665
#1	.0107719	169.1084	2.644928	.0355667	.2389436	.2498139
#2	.0094986	168.9992	2.683382	.0401813	.2381402	.2559387
#3	.0103204	169.4711	2.630799	.0391988	.2359050	.2521764

Elem	Sr4077
Units	ppm
Avg	4.523532
Stddev	.044635
%RSD	.9867328
#1	4.508420
#2	4.573761
#3	4.488414

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1598.265	2959.548	38233.36	8011.117	2073.819
Stddev	4.444	7.485	187.21	38.820	3.901
%RSD	.2780438	.2529166	.4896534	.4845755	.1881080
#1	1599.171	2954.944	38215.24	8026.398	2073.880
#2	1602.186	2968.185	38428.97	7966.981	2077.689
#3	1593.438	2955.516	38055.87	8039.970	2069.888

Sample Name: K5063-14 Acquired: 10/01/2019 16:43:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518369	.0000553	.3455043	.0110279	.0148644	41.35824
Stddev	.0034216	.0030316	.0040527	.0011298	.0016812	.16465
%RSD	6.600638	5482.643	1.172985	10.24510	11.31028	.3981042

#1	.0543240	.0002714	.3493562	.0123323	.0158711	41.17780
#2	.0479348	-.003079	.3412769	.0103972	.0129235	41.39659
#3	.0532519	.002973	.3458797	.0103543	.0157985	41.50033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.647728	.0049495	.0138555	F 1917.747	.1678800	.0689416
Stddev	.010518	.0000149	.0001641	13.927	.0010412	.0002760
%RSD	.6383525	.3013419	1.184347	.7262141	.6202149	.4003889

#1	1.636492	.0049449	.0138172	1901.736	.1690131	.0687367
#2	1.657339	.0049662	.0137140	1927.054	.1676615	.0688326
#3	1.649354	.0049375	.0140354	1924.451	.1669653	.0692555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547751	173.0042	4.166845	46.56389	.1651322	-.001424
Stddev	.005149	.5912	.022509	.21291	.0006206	.000154
%RSD	.2021062	.3417371	.5401833	.4572406	.3757982	10.81072

#1	2.541999	172.3395	4.141357	46.39614	.1654206	-.001247
#2	2.549324	173.2021	4.183995	46.80341	.1644199	-.001529
#3	2.551930	173.4711	4.175183	46.49211	.1655560	-.001495

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.78439	.1238025	11.62732	8.664739	F 16.43646	.2219174
Stddev	.27159	.0002212	.10005	.031322	.06903	.0013027
%RSD	.9435323	.1786392	.8604768	.3614829	.4199747	.5870190

#1	28.47236	.1237046	11.53154	8.665062	16.47948	.2208261
#2	28.91323	.1236472	11.73116	8.633258	16.35684	.2215664
#3	28.96759	.1240557	11.61926	8.695898	16.47305	.2233596

Sample Name: K5063-14 Acquired: 10/01/2019 16:43:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282507	F 153.9509	3.543471	.0518499	.3318844	.1391585
Stddev	.0004988	.4713	.016138	.0011274	.0018953	.0028305
%RSD	1.765487	.3061413	.4554332	2.174345	.5710590	2.034011

#1	.0277204	154.2780	3.545776	.0530111	.3296969	.1389571
#2	.0287104	153.4107	3.526304	.0517789	.3329215	.1420844
#3	.0283212	154.1640	3.558333	.0507596	.3330348	.1364342

Elem	Sr4077
Units	ppm
Avg	8.163361
Stddev	.024943
%RSD	.3055440

#1	8.134577
#2	8.178619
#3	8.176887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1316.970	2438.049	31521.63	6495.760	2128.257
Stddev	10.749	5.928	280.74	18.485	7.011
%RSD	.8162223	.2431302	.8906119	.2845718	.3294271

#1	1323.533	2435.721	31440.08	6498.676	2126.879
#2	1304.564	2444.787	31290.69	6475.991	2135.855
#3	1322.812	2433.639	31834.11	6512.615	2122.037

Sample Name: K5063-12 Acquired: 10/01/2019 16:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0637029	-.000085	.4543607	.0123622	.0116811	32.90243
Stddev	.0018705	.003688	.0013397	.0053082	.0018859	.11298
%RSD	2.936254	4326.328	.2948482	42.93895	16.14471	.3433787

#1	.0642995	.003833	.4548532	.0182686	.0113901	32.77274
#2	.0616069	-.000602	.4553844	.0108278	.0099577	32.95501
#3	.0652024	-.003487	.4528445	.0079902	.0136956	32.97953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047106	.0040724	.0205271	F 2095.950	.1649291	.0523362
Stddev	.002080	.0001090	.0002748	16.726	.0007412	.0001672
%RSD	.1986721	2.676471	1.338934	.7979988	.4494004	.3195303

#1	1.045032	.0041905	.0204336	2094.249	.1644150	.0525154
#2	1.047092	.0040508	.0203113	2080.140	.1657787	.0521843
#3	1.049193	.0039758	.0208365	2113.462	.1645936	.0523090

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3410438	83.25784	3.374857	30.77819	.1475953	.0003982
Stddev	.0045880	.24247	.006034	.06443	.0006731	.0002377
%RSD	1.345291	.2912332	.1787802	.2093501	.4560210	59.69312

#1	.3383416	83.01955	3.367994	30.73412	.1482545	.0004614
#2	.3463412	83.24967	3.377250	30.85214	.1469091	.0001353
#3	.3384485	83.50429	3.379327	30.74830	.1476224	.0005979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.57694	.1118747	20.90807	2.726768	6.963211	.0628325
Stddev	.19727	.0012649	.12665	.042461	.050728	.0017776
%RSD	1.353275	1.130633	.6057617	1.557191	.7285135	2.829110

#1	14.68813	.1131212	20.77254	2.775168	6.954708	.0609864
#2	14.34918	.1105922	20.92826	2.695786	6.917273	.0629787
#3	14.69352	.1119109	21.02342	2.709351	7.017654	.0645325

Sample Name: K5063-12 Acquired: 10/01/2019 16:35:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166046	F 121.5100	3.115288	.0167205	.3545746	.1299236
Stddev	.0001094	.5961	.025480	.0018597	.0015273	.0001587
%RSD	.6585345	.4905404	.8179098	11.12206	.4307499	.1221421

#1	.0164929	121.2313	3.138629	.0188522	.3528897	.1301063
#2	.0167114	121.1043	3.088105	.0158791	.3558683	.1298203
#3	.0166095	122.1943	3.119129	.0154303	.3549657	.1298442

Elem	Sr4077
Units	ppm
Avg	3.484984
Stddev	.015800
%RSD	.4533859

#1	3.483269
#2	3.501572
#3	3.470111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1350.940	2485.414	32155.01	6662.575	2119.123
Stddev	5.515	7.948	131.74	23.882	7.066
%RSD	.4082339	.3197870	.4096931	.3584561	.3334255

#1	1349.633	2492.805	32268.12	6639.869	2123.256
#2	1356.991	2486.430	32010.37	6687.482	2123.149
#3	1346.196	2477.007	32186.53	6660.375	2110.965

Sample Name: K5063-13 Acquired: 10/01/2019 16:39:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359528	.0003870	.3061820	.0074838	.0062051	16.01612
Stddev	.0013716	.0007703	.0019331	.0031244	.0012757	.04957
%RSD	3.815063	199.0513	.6313438	41.74865	20.55852	.3095289

#1	.0349357	.0011669	.3058270	.0046120	.0049290	16.04492
#2	.0354100	-.000373	.3044511	.0070287	.0062061	15.95888
#3	.0375128	.000367	.3082680	.0108109	.0074803	16.04456

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4005812	.0026873	.0113069	F 1245.299	.0894211	.0278198
Stddev	.0018874	.0001146	.0000947	4.797	.0004587	.0000740
%RSD	.4711573	4.265743	.8377377	.3852487	.5129168	.2661234

#1	.4022023	.0025860	.0113353	1250.729	.0891471	.0277859
#2	.3985092	.0028118	.0112012	1241.633	.0899506	.0277687
#3	.4010320	.0026641	.0113842	1243.536	.0891655	.0279047

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2867259	48.05710	2.031014	12.21542	.0728943	.0004947
Stddev	.0014018	.21013	.009551	.06013	.0001541	.0003176
%RSD	.4888851	.4372490	.4702562	.4922410	.2114206	64.20450

#1	.2851511	48.17295	2.034694	12.27167	.0727590	.0003405
#2	.2871896	47.81454	2.020170	12.15204	.0728618	.0008600
#3	.2878371	48.18379	2.038177	12.22254	.0730621	.0002836

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.946641	.0438738	13.84964	1.041278	3.068575	.0201109
Stddev	.147551	.0005008	.10557	.053451	.006556	.0018538
%RSD	2.124058	1.141334	.7622876	5.133173	.2136505	9.218087

#1	7.115743	.0433619	13.84587	1.091404	3.061032	.0222515
#2	6.880106	.0443626	13.74600	.985030	3.072904	.0190320
#3	6.844074	.0438970	13.95705	1.047401	3.071788	.0190492

Sample Name: K5063-13 Acquired: 10/01/2019 16:39:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049092	68.33244	1.296652	.0041187	.1617449	.0717801
Stddev	.0004220	.11547	.011450	.0011478	.0014699	.0006934
%RSD	8.595616	.1689810	.8830597	27.86725	.9087694	.9660261

#1	.0044268	68.19930	1.306624	.0030838	.1633591	.0710854
#2	.0050910	68.40524	1.299183	.0039191	.1613918	.0717826
#3	.0052098	68.39277	1.284147	.0053532	.1604836	.0724722

Elem	Sr4077
Units	ppm
Avg	1.258218
Stddev	.002327
%RSD	.1849168

#1	1.260863
#2	1.256485
#3	1.257308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1370.046	2518.206	32521.10	6546.585	2268.904
Stddev	5.024	4.263	159.69	31.147	3.298
%RSD	.3667255	.1692990	.4910229	.4757780	.1453499

#1	1365.687	2515.561	32681.79	6511.029	2268.424
#2	1375.541	2523.124	32362.43	6569.052	2272.415
#3	1368.910	2515.934	32519.07	6559.673	2265.872

Sample Name: K5063-16 Acquired: 10/01/2019 16:52:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020624	.0043114	.1975291	.0002680	.0020515	104.6351	.8191715
Stddev	.0019586	.0060813	.0033618	.0018190	.0009031	.6514	.0108534
%RSD	94.97010	141.0506	1.701912	678.6272	44.02139	.6225722	1.324919

#1	.0043195	-.002652	.1944187	-.000458	.0010102	105.0764	.8244087
#2	.0008104	.007007	.1970729	-.001075	.0025237	103.8869	.8066926
#3	.0010572	.008579	.2010957	.002338	.0026205	104.9421	.8264130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076168	.0003422	73.88423	.1625307	.0947503	.3606470	191.8207
Stddev	.0000465	.0000199	.82451	.0004045	.0004871	.0014919	1.8761
%RSD	.6103145	5.804006	1.115949	.2489073	.5140833	.4136633	.9780419

#1	.0076584	.0003286	74.33365	.1621433	.0941893	.3606146	192.9257
#2	.0076252	.0003331	72.93265	.1629505	.0950654	.3621548	189.6545
#3	.0075666	.0003650	74.38638	.1624982	.0949962	.3591716	192.8819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.010569	22.55598	.1141370	-.001763	.7423983	.3046155	2.589500
Stddev	.022673	.22278	.0001058	.000166	.1931143	.0009924	.019471
%RSD	1.127696	.9876776	.0926984	9.406908	26.01222	.3257759	.7519172

#1	2.026416	22.70572	.1142040	-.001893	.9653861	.3044658	2.608865
#2	1.984598	22.29996	.1140150	-.001821	.6315978	.3037065	2.569925
#3	2.020693	22.66225	.1141919	-.001576	.6302112	.3056742	2.589711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.917115	3.703226	.0000013	.0002619	22.63064	3.378561	-.000617
Stddev	.016039	.013526	.0043520	.0004224	.05274	.019404	.001107
%RSD	.2025814	.3652519	329708.8	161.2579	.2330369	.5743320	179.4484

#1	7.898861	3.688790	.0049499	.0007287	22.58276	3.383054	-.000196
#2	7.928949	3.705281	-.003230	.0001509	22.62198	3.357305	-.001872
#3	7.923535	3.715608	-.001716	-.000094	22.68717	3.395325	.000218

Sample Name: K5063-16 Acquired: 10/01/2019 16:52:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.166685	.0687467	.3218367
Stddev	.035600	.0010656	.0004219
%RSD	.8543890	1.550033	.1310862

#1	4.191201	.0692640	.3216548
#2	4.125851	.0675212	.3215363
#3	4.183002	.0694548	.3223190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.696	2888.110	36726.40	7314.342	2563.337
Stddev	5.996	6.867	218.16	39.075	2.807
%RSD	.3856457	.2377597	.5940141	.5342291	.1094903

#1	1560.900	2880.919	36877.03	7320.374	2561.828
#2	1548.933	2894.599	36825.96	7350.051	2566.575
#3	1554.257	2888.811	36476.23	7272.601	2561.607

Sample Name: K5063-15 Acquired: 10/01/2019 16:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040156	-.001024	.7528421	.0195660	.0206721	47.41398
Stddev	.0007398	.002166	.0017675	.0040428	.0029719	.09563
%RSD	.7112266	211.6179	.2347800	20.66243	14.37639	.2016966

#1	.1048032	-.001044	.7547854	.0191269	.0177798	47.35827
#2	.1039081	.001153	.7524106	.0157607	.0205188	47.52441
#3	.1033354	-.003180	.7513303	.0238105	.0237176	47.35926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.636596	.0064610	.0632464	F 2203.699	.3886493	.0856866
Stddev	.004856	.0000747	.0002698	27.860	.0017321	.0004246
%RSD	.2966964	1.156111	.4265811	1.264226	.4456791	.4954925

#1	1.631765	.0063751	.0635295	2173.924	.3891963	.0854523
#2	1.641476	.0064968	.0632176	2229.135	.3867098	.0854308
#3	1.636547	.0065111	.0629922	2208.039	.3900420	.0861767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.591903	104.2103	5.465808	27.28905	.2718780	.0004862
Stddev	.014096	.4430	.009917	.03024	.0008302	.0003409
%RSD	.1469545	.4250948	.1814387	.1108193	.3053514	70.11507

#1	9.600156	103.9855	5.464258	27.29074	.2728258	.0003758
#2	9.599925	104.7206	5.476408	27.31840	.2712798	.0002142
#3	9.575627	103.9247	5.456756	27.25799	.2715284	.0008686

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.61209	.1326035	F 42.14332	8.323569	F 42.60738	.3285217
Stddev	.38054	.0014385	.41461	.044686	.13936	.0019275
%RSD	.9606584	1.084785	.9837995	.5368658	.3270795	.5867280

#1	39.18594	.1323210	42.30238	8.276859	42.44647	.3269133
#2	39.73239	.1341622	42.45485	8.365911	42.68858	.3306583
#3	39.91793	.1313272	41.67274	8.327938	42.68710	.3279936

Sample Name: K5063-15 Acquired: 10/01/2019 16:47:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319821	F 166.6695	2.847914	.0376851	.4922169	.1283204
Stddev	.0006225	.3891	.017885	.0023412	.0028638	.0012471
%RSD	1.946467	.2334482	.6280138	6.212490	.5818134	.9718311
#1	.0317588	166.2361	2.829652	.0390558	.4910173	.1268890
#2	.0315020	166.9888	2.848693	.0349818	.4954854	.1288996
#3	.0326854	166.7835	2.865398	.0390176	.4901481	.1291724

Elem	Sr4077
Units	ppm
Avg	5.053156
Stddev	.026074
%RSD	.5159882
#1	5.029581
#2	5.081161
#3	5.048726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.311	2488.925	32246.75	6717.203	2079.271
Stddev	6.958	1.923	131.90	34.684	4.123
%RSD	.5137974	.0772747	.4090355	.5163529	.1983084
#1	1356.924	2489.556	32358.25	6756.703	2078.296
#2	1346.424	2490.455	32101.15	6703.182	2083.795
#3	1359.584	2486.766	32280.85	6691.724	2075.723

Sample Name: K5063-19 Acquired: 10/01/2019 17:04:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031970	-.048180	.1322621	-.031191	.0047231	65.26990	.4966433
Stddev	.004100	.003273	.0022662	.000575	.0009548	.24469	.0020456
%RSD	12.82429	6.792756	1.713440	1.842984	20.21546	.3748863	.4118802

#1	-.036177	-.044557	.1313085	-.030547	.0058229	65.14081	.4962956
#2	-.027986	-.049062	.1348493	-.031651	.0041061	65.55210	.4988405
#3	-.031747	-.050921	.1306284	-.031376	.0042404	65.11679	.4947939

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139585	.0037749	264.2428	.0358756	.2219861	.0232941	556.7430
Stddev	.0000438	.0001032	1.3622	.0001535	.0004453	.0000450	1.5702
%RSD	.3139863	2.733320	.5155190	.4278291	.2005928	.1933630	.2820409

#1	.0139952	.0037785	263.7676	.0357795	.2214931	.0233451	554.9472
#2	.0139100	.0036700	265.7790	.0360526	.2221062	.0232600	557.4245
#3	.0139703	.0038762	263.1818	.0357948	.2223590	.0232770	557.8574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.661981	15.90035	.1889565	-.007029	.0233907	.2391401	.1495014
Stddev	.014134	.05063	.0011147	.000189	.0268683	.0020258	.0021612
%RSD	.5309442	.3184295	.5899277	2.683480	114.8678	.8471157	1.445584

#1	2.652483	15.88823	.1902433	-.006824	.0040342	.2375867	.1482492
#2	2.678223	15.95593	.1883408	-.007195	.0540666	.2414314	.1519969
#3	2.655236	15.85687	.1882855	-.007068	.0120712	.2384022	.1482582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.044348	1.236567	^ *****	-.003138	2.293806	.8870456	.0115199
Stddev	.022437	.008747	-----	.000304	.007206	.0046053	.0013742
%RSD	2.148464	.7073290	-----	9.686324	.3141363	.5191738	11.92924

#1	1.044073	1.231626	^ -----	-.003016	2.286979	.8833328	.0129104
#2	1.022050	1.231409	^ -----	-.002913	2.293102	.8856050	.0114869
#3	1.066923	1.246666	^ -----	-.003483	2.301338	.8921990	.0101625

Sample Name: K5063-19 Acquired: 10/01/2019 17:04:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAF3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4922509	.0407558	1.031257
Stddev	.0018301	.0007145	.003273
%RSD	.3717895	1.753216	.3173791

#1	.4918102	.0402238	1.030879
#2	.4942611	.0415680	1.034703
#3	.4906813	.0404757	1.028189

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.718	4956.050	64360.65	12769.05	2357.144
Stddev	14.890	11.348	215.22	28.38	8.012
%RSD	.5544253	.2289781	.3343898	.2222501	.3398954

#1	2696.499	4968.992	64431.73	12786.98	2365.155
#2	2668.728	4951.358	64118.88	12736.33	2349.131
#3	2691.928	4947.799	64531.33	12783.85	2357.145

Sample Name: K5063-17 Acquired: 10/01/2019 16:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209912	.0038026	.0784143	-.002146	.0011761	65.54955	.3260810
Stddev	.0029478	.0028814	.0011978	.003061	.0018617	.16433	.0024167
%RSD	14.04292	75.77559	1.527482	142.6108	158.2997	.2506887	.7411425

#1	.0176968	.0068425	.0793693	.001357	.0005595	65.61369	.3281284
#2	.0218970	.0011114	.0788033	-.004303	-.000299	65.36283	.3234151
#3	.0233798	.0034538	.0770704	-.003493	.003268	65.67213	.3266995

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065891	-.001444	71.59961	.0845318	.0718187	.0774126	164.0275
Stddev	.0000036	.000050	.58832	.0006804	.0002542	.0006494	.7603
%RSD	.0543695	3.465024	.8216760	.8049586	.3539443	.8388249	.4635404

#1	.0065851	-.001408	71.89404	.0837813	.0717703	.0769032	164.3184
#2	.0065901	-.001501	70.92221	.0847058	.0720936	.0771909	163.1647
#3	.0065921	-.001423	71.98259	.0851084	.0715922	.0781438	164.5995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.781965	14.70887	.1090701	-.001730	.4445856	.1462402	.4748037
Stddev	.023866	.06926	.0005395	.000386	.4221853	.0025392	.0031664
%RSD	.6310524	.4708977	.4946087	22.30155	94.96152	1.736287	.6668820

#1	3.791973	14.73989	.1088558	-.002078	.2519045	.1445013	.4722209
#2	3.754724	14.62952	.1096837	-.001315	.9287352	.1491541	.4783363
#3	3.799198	14.75721	.1086706	-.001798	.1531171	.1450654	.4738539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.146800	3.138969	-.004679	.0002566	4.902473	2.223886	.0033256
Stddev	.091595	.016063	.001471	.0002115	.025805	.033311	.0007640
%RSD	2.910743	.5117363	31.44213	82.43825	.5263609	1.497883	22.97186

#1	3.104765	3.139986	-.006107	.0001535	4.919024	2.238147	.0039739
#2	3.083767	3.154500	-.004763	.0004999	4.915655	2.185818	.0035197
#3	3.251868	3.122421	-.003168	.0001163	4.872740	2.247693	.0024834

Sample Name: K5063-17 Acquired: 10/01/2019 16:56:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1886717	.0733899	.1296882
Stddev	.0025050	.0009810	.0001240
%RSD	1.327705	1.336652	.0956130

#1	.1913188	.0732134	.1296093
#2	.1863384	.0725091	.1296241
#3	.1883579	.0744471	.1298311

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1566.663	2887.256	36569.50	7201.130	2610.662
Stddev	6.826	2.123	132.49	30.685	6.760
%RSD	.4356824	.0735469	.3622977	.4261162	.2589402

#1	1560.211	2889.629	36555.09	7168.116	2616.039
#2	1565.967	2885.535	36444.80	7228.779	2612.873
#3	1573.809	2886.604	36708.60	7206.495	2603.073

Sample Name: K5063-18 Acquired: 10/01/2019 17:00:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330042	.0011279	.1884545	-.009186	.0007676	78.26143	1.397820
Stddev	.0008620	.0014057	.0013575	.004368	.0027256	.44906	.017380
%RSD	2.611687	124.6339	.7203491	47.54711	355.0666	.5737947	1.243370

#1	.0339492	-.000318	.1897770	-.005753	-.001448	77.75198	1.377797
#2	.0322612	.002490	.1885220	-.007702	.003811	78.43250	1.409004
#3	.0328021	.001211	.1870644	-.014102	-.000060	78.59981	1.406660

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121145	-.002260	69.05805	.1394487	.1963316	.1048948	268.0621
Stddev	.0001102	.000083	.87511	.0008213	.0001049	.0017667	2.4967
%RSD	.9095882	3.654023	1.267208	.5889919	.0534243	1.684273	.9313734

#1	.0120024	-.002186	68.04772	.1391658	.1962106	.1031473	265.1941
#2	.0121182	-.002245	69.57858	.1403741	.1963873	.1048570	269.2422
#3	.0122227	-.002349	69.54785	.1388062	.1963969	.1066802	269.7499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.042613	16.80966	.2148962	-.002545	.0200131	.1711203	.2916180
Stddev	.098550	.11851	.0002905	.000091	.1030403	.0017012	.0013420
%RSD	1.089838	.7050234	.1351647	3.584383	514.8635	.9941362	.4601727

#1	8.928892	16.67981	.2147236	-.002649	.0924693	.1700048	.2925769
#2	9.103043	16.83721	.2147334	-.002480	-.097946	.1730783	.2900844
#3	9.095904	16.91198	.2152315	-.002505	.065516	.1702778	.2921928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.088141	2.901829	-.012554	.0038663	7.636256	1.793964	.0051940
Stddev	.014706	.009261	.000125	.0004405	.003682	.024106	.0012951
%RSD	.3597137	.3191408	.9945732	11.39334	.0482210	1.343743	24.93413

#1	4.096102	2.908914	-.012545	.0038458	7.638905	1.768465	.0061450
#2	4.071171	2.891350	-.012434	.0034364	7.632051	1.816382	.0057181
#3	4.097150	2.905224	-.012683	.0043167	7.637812	1.797044	.0037190

Sample Name: K5063-18 Acquired: 10/01/2019 17:00:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAL1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1255710	.0797550	.9158413
Stddev	.0008148	.0013729	.0008817
%RSD	.6488874	1.721407	.0962756

#1	.1249919	.0783106	.9150326
#2	.1252185	.0799115	.9157099
#3	.1265028	.0810430	.9167813

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1755.844	3240.778	41091.91	8103.286	2576.600
Stddev	4.858	3.405	88.11	91.798	2.038
%RSD	.2766696	.1050816	.2144133	1.132852	.0791061

#1	1752.206	3244.683	41192.89	8207.225	2576.237
#2	1761.360	3239.224	41052.10	8069.326	2578.796
#3	1753.965	3238.427	41030.73	8033.306	2574.769

Sample Name: K5063-20 Acquired: 10/01/2019 17:08:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134177	-.004832	.1183778	-.005492	.0051593	94.90152
Stddev	.0012878	.003596	.0015892	.005066	.0013488	.08627
%RSD	9.597621	74.42002	1.342484	92.24531	26.14346	.0909022

#1	.0127291	-.008792	.1186736	.000334	.0057232	95.00110
#2	.0149033	-.003936	.1197984	-.008861	.0061346	94.84940
#3	.0126206	-.001769	.1166615	-.007947	.0036200	94.85406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9645768	.0103142	-.000327	F 1293.226	.1137260	.1090134
Stddev	.0025668	.0001486	.000056	11.386	.0005073	.0008300
%RSD	.2661061	1.440503	17.26713	.8804375	.4460433	.7613553

#1	.9660419	.0103248	-.000327	1287.613	.1139864	.1082732
#2	.9616130	.0104572	-.000270	1306.329	.1140503	.1088562
#3	.9660756	.0101606	-.000383	1285.737	.1131415	.1099107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0612069	260.2301	3.364148	41.48730	.1173877	-.003852
Stddev	.0014970	.5461	.010057	.10438	.0010820	.000081
%RSD	2.445808	.2098557	.2989342	.2515934	.9217653	2.093029

#1	.0616460	260.8577	3.374865	41.55103	.1161387	-.003766
#2	.0595394	259.8630	3.354918	41.36684	.1180385	-.003864
#3	.0624352	259.9696	3.362662	41.54403	.1179860	-.003926

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7601731	.2787680	.3419661	1.925080	1.108283	-.020327
Stddev	.0645482	.0014558	.0025709	.084057	.006719	.004843
%RSD	8.491249	.5222270	.7518090	4.366403	.6062149	23.82394

#1	.6893827	.2777824	.3448424	1.852764	1.109882	-.014739
#2	.7753691	.2804401	.3411643	2.017304	1.100910	-.023302
#3	.8157675	.2780814	.3398916	1.905172	1.114058	-.022940

Sample Name: K5063-20 Acquired: 10/01/2019 17:08:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001498	4.365703	1.541313	.0029316	.5404999	.0993313
Stddev	.000643	.024908	.010224	.0015936	.0012236	.0013942
%RSD	42.94273	.5705383	.6633302	54.35943	.2263844	1.403602

#1	-.002214	4.341657	1.529755	.0010955	.5407261	.0995258
#2	-.000968	4.364060	1.545006	.0037434	.5391789	.1006180
#3	-.001312	4.391392	1.549177	.0039557	.5415946	.0978500

Elem	Sr4077
Units	ppm
Avg	3.667415
Stddev	.022128
%RSD	.6033758

#1	3.692926
#2	3.653421
#3	3.655896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1628.266	3019.542	38497.72	7918.568	2168.716
Stddev	1.755	1.032	117.50	33.120	4.738
%RSD	.1077809	.0341856	.3052259	.4182615	.2184919

#1	1628.019	3019.753	38473.56	7956.317	2174.179
#2	1626.647	3018.420	38394.17	7905.005	2165.725
#3	1630.131	3020.452	38625.42	7894.381	2166.244

Sample Name: K5063-21 Acquired: 10/01/2019 17:12:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214962	-.004214	.1152511	.0064182	.0056809	34.01228
Stddev	.0031367	.002508	.0004205	.0020830	.0025786	.20646
%RSD	14.59205	59.52071	.3648298	32.45440	45.39074	.6070055

#1	.0204179	-.005685	.1149473	.0087248	.0071979	33.90259
#2	.0250299	-.005640	.1150750	.0058553	.0071410	34.25043
#3	.0190409	-.001318	.1157310	.0046745	.0027035	33.88383

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7067470	.0038529	.0887789	F 2535.066	.1007389	.0349055
Stddev	.0065512	.0001062	.0001747	45.877	.0003854	.0004557
%RSD	.9269550	2.755251	.1968218	1.809687	.3826144	1.305615

#1	.7053060	.0037753	.0887945	2507.054	.1006295	.0351539
#2	.7138988	.0039739	.0885969	2588.010	.1011673	.0343796
#3	.7010363	.0038096	.0889453	2510.134	.1004201	.0351831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739549	110.4069	5.650285	F 903.2268	.0619863	-.002140
Stddev	.0019098	.7883	.035238	5.3790	.0016257	.000628
%RSD	2.582336	.7140340	.6236565	.5955276	2.622646	29.33554

#1	.0727561	110.1198	5.639366	901.7716	.0618090	-.001680
#2	.0761572	111.2986	5.689690	909.1837	.0604565	-.002856
#3	.0729514	109.8024	5.621799	898.7251	.0636933	-.001886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8301721	.1375252	6.519373	2.275448	1.296273	-.011016
Stddev	.1830200	.0027107	.008418	.010109	.008716	.000595
%RSD	22.04603	1.971036	.1291154	.4442791	.6723761	5.398816

#1	.9894353	.1405514	6.521857	2.273718	1.286430	-.010488
#2	.8708433	.1353196	6.509993	2.286311	1.299377	-.010899
#3	.6302377	.1367047	6.526269	2.266315	1.303011	-.011660

Sample Name: K5063-21 Acquired: 10/01/2019 17:12:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026366	9.422070	2.076650	-.001234	.4122088	.0777676
Stddev	.0005188	.046501	.017552	.001465	.0019884	.0021203
%RSD	19.67498	.4935375	.8452209	118.7254	.4823842	2.726393
#1	.0023491	9.410286	2.064507	-.001471	.4106385	.0773176
#2	.0032355	9.382594	2.096775	.000335	.4144446	.0800767
#3	.0023253	9.473330	2.068669	-.002567	.4115432	.0759085

Elem	Sr4077
Units	ppm
Avg	1.423776
Stddev	.004509
%RSD	.3166660
#1	1.421164
#2	1.428982
#3	1.421181

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1184.143	2186.813	28649.91	5944.481	1916.372
Stddev	3.564	2.574	148.87	53.437	4.470
%RSD	.3009456	.1176845	.5196296	.8989264	.2332324
#1	1187.128	2189.536	28482.83	5970.764	1918.705
#2	1180.197	2186.481	28698.42	5882.993	1919.194
#3	1185.103	2184.421	28768.47	5979.686	1911.219

Sample Name: K5063-11 Acquired: 10/01/2019 17:20:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274995	.1107126	.6653291	.0856097	.1784086	59.73552
Stddev	.0073886	.0028870	.0045862	.0030163	.0035010	.05956
%RSD	5.794995	2.607648	.6893186	3.523347	1.962324	.0997096

#1	.1253594	.1081473	.6703098	.0822768	.1748555	59.67004
#2	.1214172	.1138389	.6612805	.0881518	.1818550	59.75004
#3	.1357219	.1101515	.6643970	.0864007	.1785154	59.78647

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.061040	.0863161	.1223400	F 1900.147	.4706681	1.195024
Stddev	.015030	.0005514	.0002485	25.974	.0007774	.001553
%RSD	.2969826	.6388140	.2030915	1.366970	.1651723	.1299920

#1	5.073126	.0864230	.1221390	1917.925	.4703140	1.196203
#2	5.065784	.0868062	.1222631	1912.178	.4715595	1.193264
#3	5.044210	.0857191	.1226178	1870.339	.4701307	1.195607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7226525	143.0407	5.236479	51.66884	1.283180	.0881088
Stddev	.0051685	.1084	.007937	.03356	.002914	.0006643
%RSD	.7152138	.0757873	.1515718	.0649515	.2270605	.7539064

#1	.7168704	142.9918	5.245476	51.70678	1.282891	.0884704
#2	.7242633	142.9654	5.233494	51.64303	1.280421	.0873422
#3	.7268238	143.1650	5.230468	51.65671	1.286227	.0885139

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69351	.9790005	15.84190	3.740393	6.072172	.0344731
Stddev	.10164	.0043888	.09784	.054938	.017120	.0028220
%RSD	.8007338	.4482936	.6175909	1.468780	.2819425	8.186051

#1	12.64629	.9836261	15.82420	3.761433	6.062344	.0312165
#2	12.81017	.9784803	15.75412	3.678044	6.062230	.0361989
#3	12.62407	.9748949	15.94738	3.781701	6.091940	.0360038

Sample Name: K5063-11 Acquired: 10/01/2019 17:20:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104983	F 164.7764	2.620937	.0351806	.2333394	.2459912
Stddev	.0001686	.7752	.012138	.0023197	.0012147	.0015077
%RSD	1.606260	.4704697	.4630987	6.593642	.5205899	.6129054
#1	.0106841	164.1327	2.629685	.0354532	.2326218	.2470591
#2	.0103548	164.5595	2.626046	.0327366	.2347419	.2466481
#3	.0104560	165.6369	2.607080	.0373519	.2326544	.2442666

Elem	Sr4077
Units	ppm
Avg	4.436664
Stddev	.029825
%RSD	.6722291
#1	4.468699
#2	4.409700
#3	4.431594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.689	2926.133	37845.12	7969.149	2065.850
Stddev	10.783	1.143	289.33	52.111	2.075
%RSD	.6812834	.0390448	.7645138	.6539040	.1004573
#1	1571.527	2925.976	37573.45	7911.466	2065.000
#2	1593.047	2925.077	38149.36	7983.158	2064.334
#3	1583.492	2927.346	37812.56	8012.823	2068.215

Sample Name: K5063-22 Acquired: 10/01/2019 17:16:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDBAK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211081	.0065635	5.456081	-.003407	.0386058	75.22259	.5498835
Stddev	.0035496	.0019957	.009522	.005122	.0011503	.34842	.0052242
%RSD	16.81632	30.40603	.1745288	150.3685	2.979647	.4631796	.9500651

#1	.0204677	.0085233	5.454470	.002125	.0373360	75.00616	.5473671
#2	.0249343	.0045337	5.447467	-.004357	.0395782	75.03711	.5463937
#3	.0179223	.0066336	5.466306	-.007987	.0389033	75.62451	.5558897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080045	.0408145	46.91826	.4881038	.0546523	.5716855	236.9456
Stddev	.0000117	.0000286	.51263	.0011589	.0003230	.0020886	2.1713
%RSD	.1465502	.0700971	1.092610	.2374327	.5909130	.3653394	.9163842

#1	.0080061	.0408474	46.72943	.4883266	.0542898	.5698908	235.9758
#2	.0080154	.0407998	46.52682	.4868496	.0549094	.5711878	235.4282
#3	.0079921	.0407962	47.49852	.4891351	.0547576	.5739780	239.4329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.811853	7.824403	.5186538	.0037300	-.257958	.2016489	5.107336
Stddev	.017757	.058216	.0011468	.0000981	.139240	.0058474	.057623
%RSD	.9800351	.7440372	.2211154	2.630926	53.97772	2.899798	1.128231

#1	1.807167	7.830717	.5173465	.0036451	-.162801	.1976969	5.054805
#2	1.796909	7.763288	.5191250	.0037075	-.193303	.1988839	5.098235
#3	1.831483	7.879206	.5194900	.0038375	-.417772	.2083661	5.168967

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.517428	4.780783	-.012098	.0538209	4.870947	1.721910	.0256001
Stddev	.039996	.008597	.001997	.0003435	.015630	.016209	.0004870
%RSD	.7249034	.1798316	16.50843	.6383287	.3208898	.9413650	1.902495

#1	5.476416	4.785010	-.013029	.0535084	4.888867	1.732156	.0260419
#2	5.519542	4.770891	-.013460	.0537656	4.860131	1.703222	.0250778
#3	5.556324	4.786449	-.009805	.0541888	4.863841	1.730353	.0256806

Sample Name: K5063-22 Acquired: 10/01/2019 17:16:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDBAK8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4141525	.0622487	.2043143
Stddev	.0005428	.0012832	.0003075
%RSD	.1310727	2.061450	.1504995

#1	.4142418	.0613236	.2039619
#2	.4146451	.0617089	.2044528
#3	.4135705	.0637136	.2045281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.808	2668.563	33899.47	6682.828	2640.253
Stddev	14.824	4.428	311.80	51.580	3.836
%RSD	1.023178	.1659498	.9197902	.7718250	.1452832

#1	1464.818	2673.068	34256.90	6694.121	2644.045
#2	1446.045	2664.215	33758.22	6727.825	2636.374
#3	1435.559	2668.407	33683.29	6626.537	2640.340

Sample Name: CCV079 Acquired: 10/01/2019 17:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866424	4.945800	24.26660	4.726039	4.905295	393.1622	9.981370
Stddev	.009708	.008875	.03039	.016617	.000444	1.7370	.091556
%RSD	.1994992	.1794552	.1252517	.3516081	.0090488	.4417904	.9172648

#1	4.855464	4.935809	24.23388	4.726211	4.905692	395.1120	10.07838
#2	4.869865	4.952773	24.27196	4.742570	4.904816	391.7803	9.89648
#3	4.873944	4.948817	24.29396	4.709337	4.905376	392.5941	9.96925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4950456	2.391934	400.5325	14.81373	2.458970	14.95147	387.5149
Stddev	.0015077	.003942	.9068	.03918	.002265	.02197	.7388
%RSD	.3045601	.1648051	.2264088	.2644763	.0921143	.1469485	.1906542

#1	.4963191	2.389354	401.5571	14.85324	2.457138	14.97211	388.3491
#2	.4954369	2.389977	400.2075	14.81306	2.458270	14.95393	386.9434
#3	.4933808	2.396472	399.8330	14.77489	2.461503	14.92837	387.2521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72423	394.7174	2.470390	1.257174	394.3469	2.465736	14.01429
Stddev	.03655	.7106	.002836	.010582	1.1427	.001872	.11934
%RSD	.2482096	.1800298	.1148175	.8417147	.2897722	.0759198	.8515244

#1	14.76584	395.4921	2.470163	1.268804	395.5564	2.463586	14.09115
#2	14.70954	394.5642	2.467674	1.254605	394.1989	2.466999	13.87682
#3	14.69732	394.0959	2.473333	1.248113	393.2854	2.466624	14.07491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.0794	5.331431	4.883899	4.830427	5.055416	4.861244	4.955936
Stddev	.1764	.013252	.019900	.010303	.007597	.024314	.009709
%RSD	.1191010	.2485693	.4074536	.2132954	.1502759	.5001563	.1959119

#1	148.2342	5.317153	4.900045	4.823700	5.049455	4.873224	4.953225
#2	147.8874	5.333801	4.889985	4.825292	5.063970	4.877243	4.947870
#3	148.1166	5.343338	4.861667	4.842288	5.052824	4.833265	4.966712

Sample Name: CCV079 Acquired: 10/01/2019 17:24:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV079 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.937152	4.945680	4.860200
Stddev	.008399	.011215	.042675
%RSD	.1701084	.2267654	.8780544

#1	4.946404	4.957022	4.908989
#2	4.935041	4.945424	4.829817
#3	4.930010	4.934596	4.841793

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.072	2138.915	28557.66	5892.152	2100.244
Stddev	13.205	6.431	206.72	22.739	5.322
%RSD	1.166488	.3006684	.7238806	.3859247	.2533943

#1	1123.955	2140.540	28323.66	5870.416	2099.378
#2	1147.309	2144.378	28715.49	5915.777	2105.946
#3	1124.951	2131.827	28633.84	5890.264	2095.409

Sample Name: CCB079 Acquired: 10/01/2019 17:28:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027532	.0019005	.0013942	.0007109	-.001200	.0166314	.0008089
Stddev	.0002487	.0008029	.0021680	.0018527	.001636	.0056957	.0001212
%RSD	9.031613	42.24449	155.5086	260.6035	136.2465	34.24657	14.97581

#1	.0027578	.0009805	.0027995	.0007525	-.001926	.0231497	.0008668
#2	.0025022	.0022615	.0024857	.0025425	-.002347	.0141307	.0008903
#3	.0029995	.0024595	-.001103	-.001162	.000672	.0126139	.0006697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001174	.0000951	.0270073	.0003638	-.000056	.0007804	.0230718
Stddev	.0000367	.0001072	.0031082	.0004412	.000101	.0014889	.0050350
%RSD	31.24129	112.6873	11.50878	121.2767	180.7695	190.7792	21.82301

#1	.0000752	.0000267	.0305761	.0004392	-.000091	.0001150	.0284804
#2	.0001412	.0002186	.0255534	.0007624	.000058	.0024860	.0222144
#3	.0001359	.0000400	.0248926	-.000110	-.000134	-.000260	.0185206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006317	.0321207	-.000153	-.000330	-.080349	.0009044	-.000654
Stddev	.0000897	.0238630	.000459	.000053	.027063	.0014923	.000710
%RSD	14.20336	74.29172	300.1034	16.12092	33.68204	165.0132	108.5919

#1	.0006025	.0248169	.000287	-.000284	-.049653	.0006023	-.001037
#2	.0007323	.0127632	-.000629	-.000388	-.100769	.0025246	.000166
#3	.0005601	.0587820	-.000117	-.000318	-.090624	-.000414	-.001091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0222556	-.002390	.0074659	-.000081	.0086780	.0016740	-.000003
Stddev	.0227794	.002295	.0005629	.000100	.0005081	.0011790	.001252
%RSD	102.3537	96.00348	7.540009	123.5377	5.855181	70.42806	41187.08

#1	.0033218	-.000290	.0081038	-.000010	.0085172	.0004300	-.000134
#2	.0475351	-.004840	.0072556	-.000196	.0082697	.0027748	.001309
#3	.0159100	-.002042	.0070384	-.000038	.0092470	.0018172	-.001185

Sample Name: CCB079 Acquired: 10/01/2019 17:28:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v976) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB079 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010663	.0010314	.0003087
Stddev	.0005202	.0011243	.0000825
%RSD	48.78735	109.0090	26.73671

#1	.0004709	.0011736	.0004024
#2	.0012952	.0020777	.0002770
#3	.0014327	-.000157	.0002468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1366.918	2519.016	31878.03	6165.047	2653.538
Stddev	4.497	1.773	104.35	31.396	4.890
%RSD	.3289599	.0703867	.3273430	.5092630	.1842755

#1	1364.332	2517.895	31932.95	6200.832	2653.660
#2	1372.110	2521.060	31757.69	6142.126	2658.366
#3	1364.312	2518.092	31943.45	6152.183	2648.588