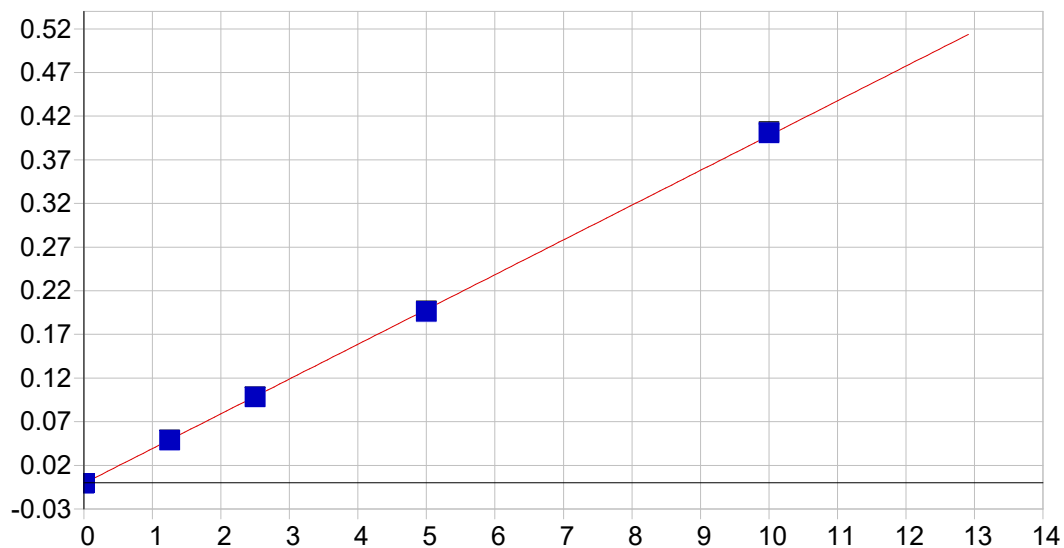


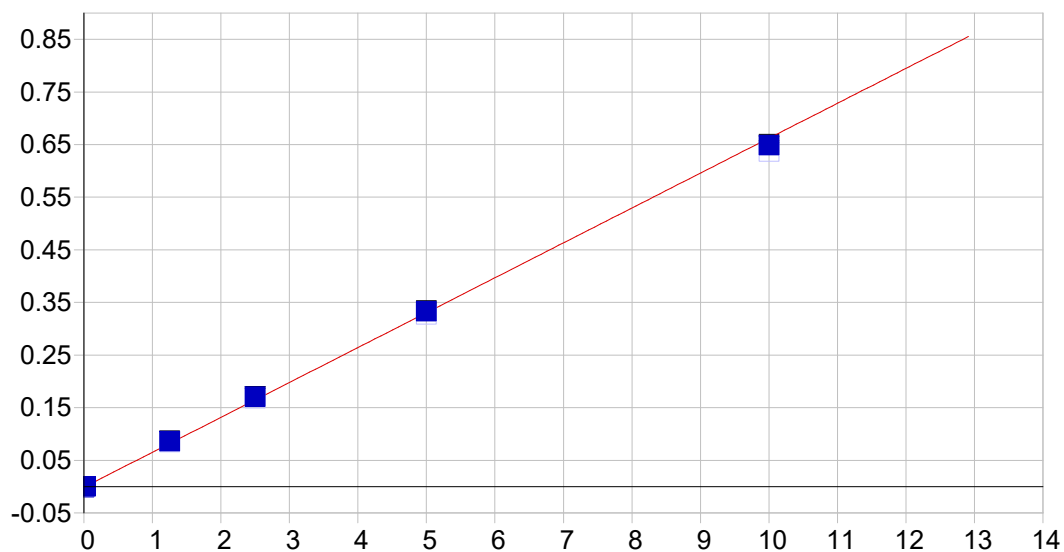


As 189.042 {479}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000635 Re-Slope: 1.000000
 A1 (Gain): 0.039831 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.003103
 Predicted MQL: 0.010344

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00064	.000	1
S1	.01000	.00752	-.002	-24.8	-.00034	.000	1
S2	1.2500	1.2397	-.010	-.823	.04857	.000	1
S3	2.5000	2.4801	-.020	-.796	.09780	.000	1
S4	5.0000	4.9437	-.056	-1.13	.19557	.001	1
S5	10.000	10.089	.089	.890	.39980	.001	1

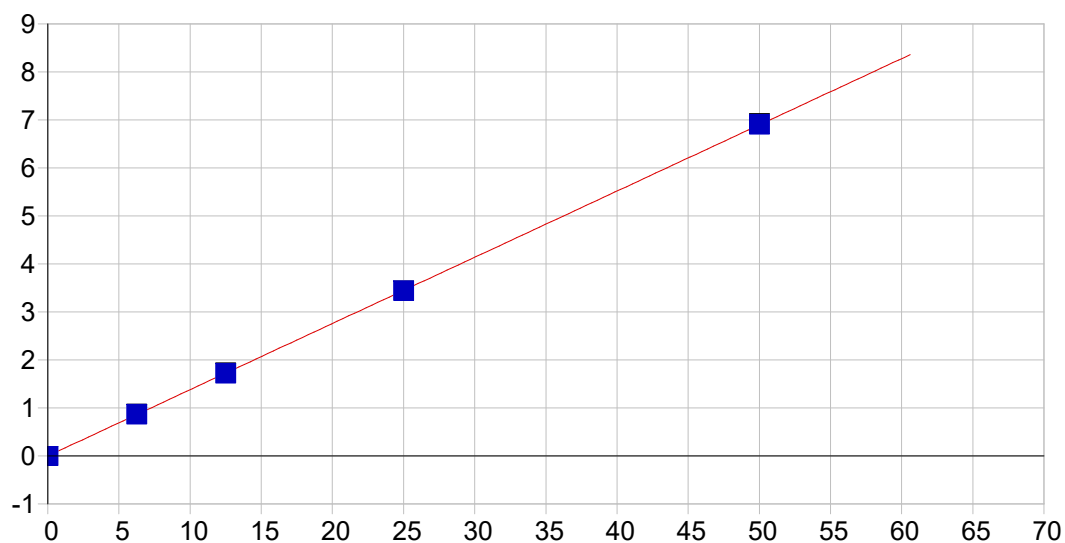


TI 190.856 {477}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001107 Re-Slope: 1.000000
 A1 (Gain): 0.066328 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999682 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001858
 Predicted MQL: 0.006192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00111	.000	1
S1	.02500	.02359	-.001	-5.63	.00039	.000	1
S2	1.2500	1.3170	.067	5.36	.08472	.000	1
S3	2.5000	2.5927	.093	3.71	.16780	.000	1
S4	5.0000	5.0426	.043	.852	.32724	.001	1
S5	10.000	9.7991	-.201	-2.01	.63662	.002	1

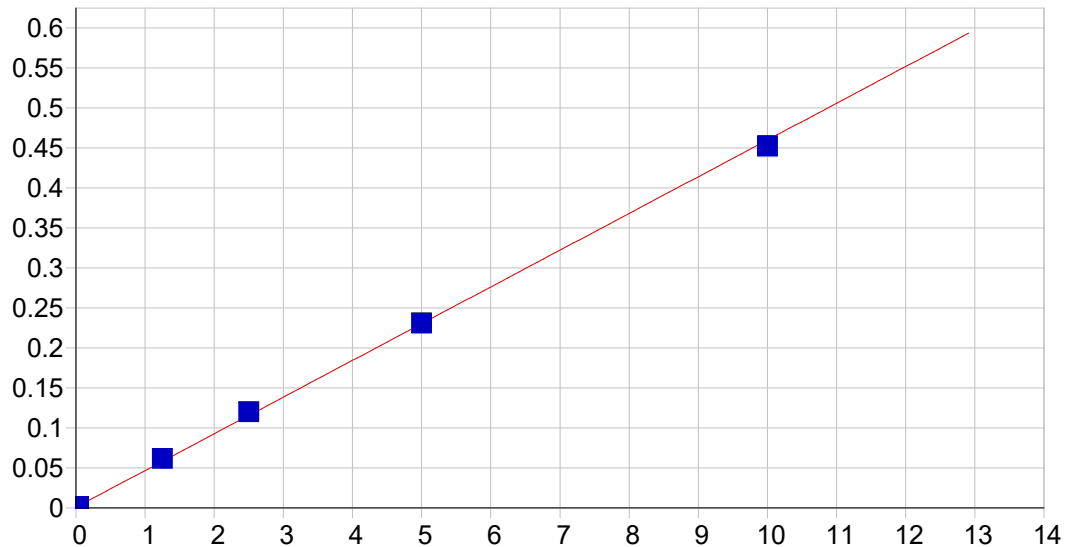


Pb 220.353 {453}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
A1 (Gain): 0.137944 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999998 Status: OK.
Std Error of Est: 0.000011
Predicted MDL: 0.001821
Predicted MQL: 0.006071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01063	.001	6.27	.00130	.000	1
S2	6.2500	6.2734	.023	.375	.86512	.001	1
S3	12.500	12.475	-.025	-.196	1.7206	.003	1
S4	25.000	24.932	-.068	-.272	3.4387	.004	1
S5	50.000	50.068	.068	.137	6.9058	.013	1

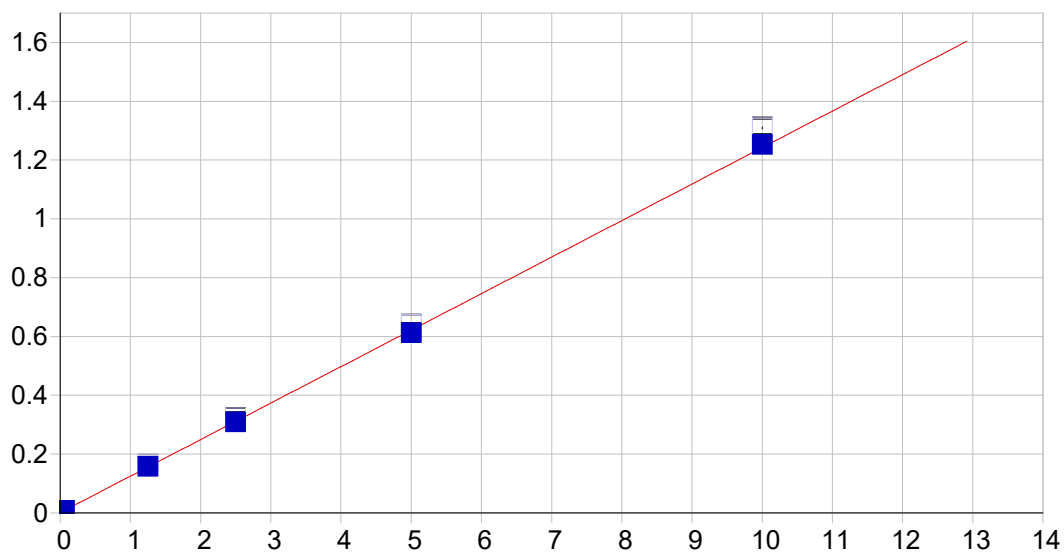


Se 196.090 {472}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000812 Re-Slope: 1.000000
 A1 (Gain): 0.045919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.003197
 Predicted MQL: 0.010658

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00081	.000	1
S1	.03500	.02757	-.007	-21.2	.00208	.000	1
S2	1.2500	1.3243	.074	5.95	.06147	.000	1
S3	2.5000	2.5926	.093	3.70	.11956	.000	1
S4	5.0000	5.0136	.014	.273	.23043	.000	1
S5	10.000	9.8269	-.173	-1.73	.45085	.001	1

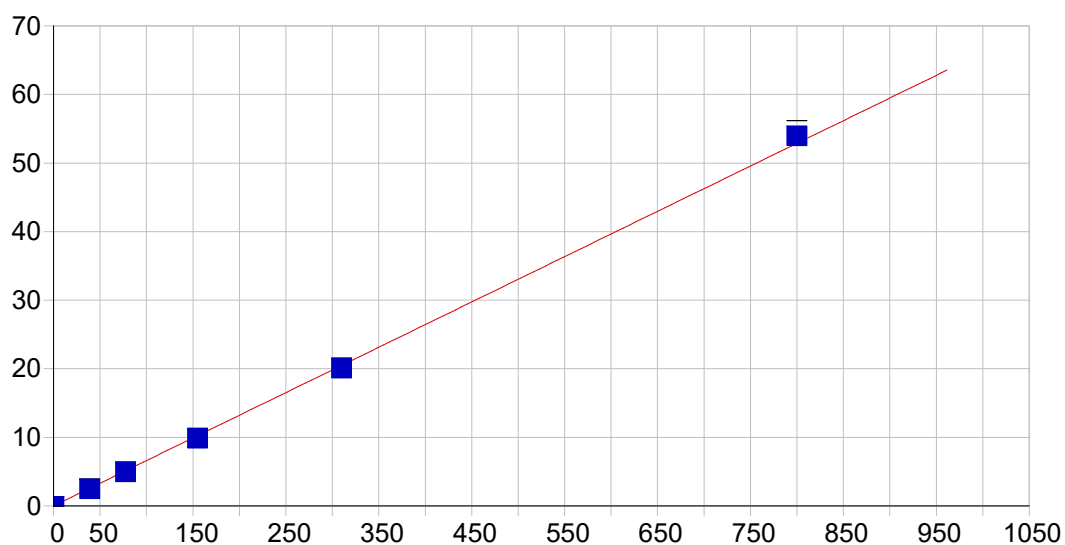


Sb 206.833 {463}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000945 Re-Slope: 1.000000
 A1 (Gain): 0.124144 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001692
 Predicted MQL: 0.005641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00094	.000	1
S1	.06000	.06238	.002	3.96	.00870	.000	1
S2	1.2500	1.2620	.012	.960	.16476	.000	1
S3	2.5000	2.4810	-.019	-.759	.32324	.001	1
S4	5.0000	4.9238	-.076	-1.52	.64079	.001	1
S5	10.000	10.081	.081	.809	1.3096	.003	1

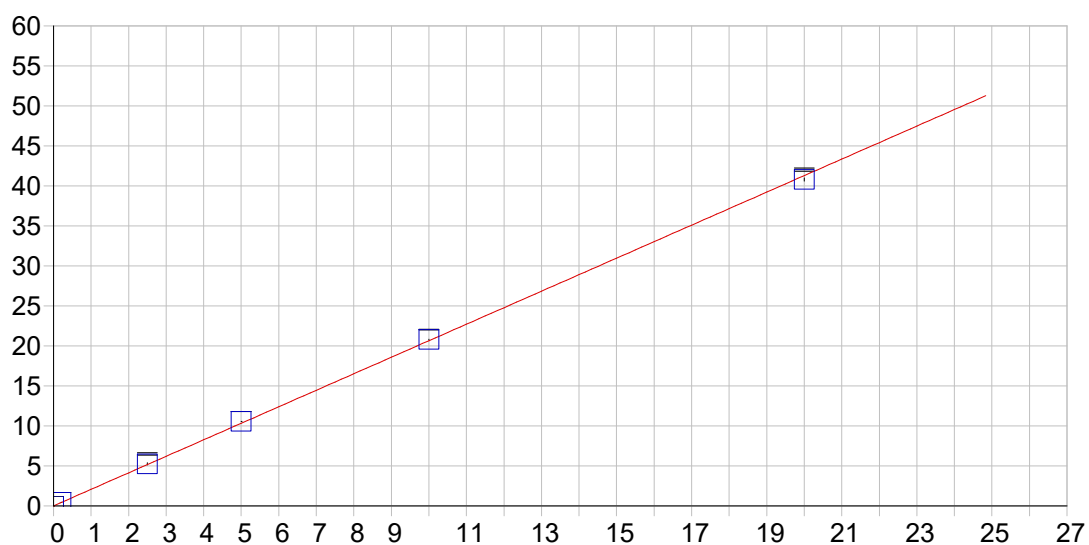


AI 396.152 { 85}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002737 Re-Slope: 1.000000
 A1 (Gain): 0.066088 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.001022
 Predicted MDL: 0.009176
 Predicted MQL: 0.030587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00274	.000	1
S1	.20000	.21286	.013	6.43	.01703	.001	1
S2	38.750	37.186	-1.56	-4.04	2.4654	.065	1
S3	77.500	74.873	-2.63	-3.39	4.9611	.015	1
S4	155.00	149.05	-5.95	-3.84	9.8736	.015	1
S5	310.00	303.61	-6.39	-2.06	20.109	.038	1
S6	800.00	816.54	16.5	2.07	53.999	.754	1

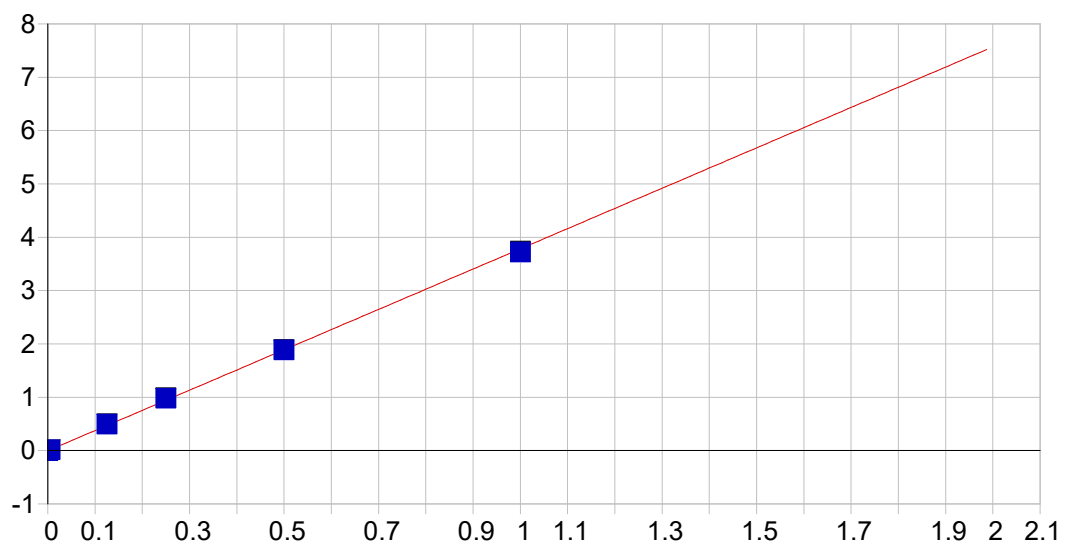


Ba 493.409 { 68}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008898 Re-Slope: 1.000000
 A1 (Gain): 2.064101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.003062
 Predicted MDL: 0.000894
 Predicted MQL: 0.002979

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00886	.001	1
S1	.20000	.21146	.011	5.73	.44536	.002	1
S2	2.5000	2.5418	.042	1.67	5.2554	.132	1
S3	5.0000	5.1147	.115	2.29	10.566	.010	1
S4	10.000	10.071	.071	.710	20.796	.037	1
S5	20.000	19.761	-.239	-1.19	40.798	.183	1

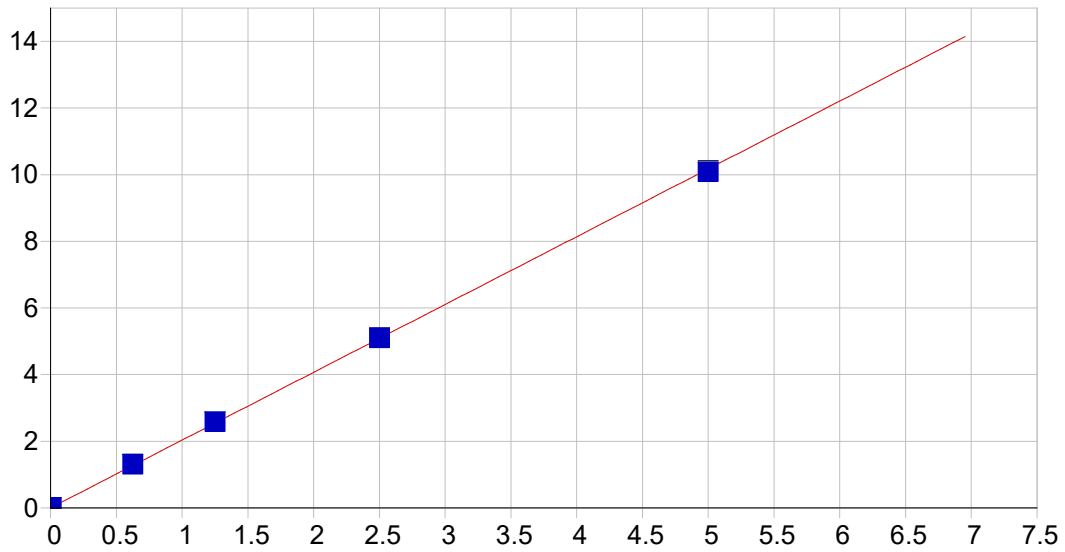


Be 234.861 {144}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003912	Re-Slope:	1.000000
A1 (Gain):	3.786628	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000341		
Predicted MDL:	0.000069		
Predicted MQL:	0.000230		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00391	.000	1
S1	.00500	.00521	.000	4.22	.01581	.000	1
S2	.12500	.13170	.007	5.36	.49321	.006	1
S3	.25000	.26063	.011	4.25	.97986	.006	1
S4	.50000	.49846	-.002	-.309	1.8773	.010	1
S5	1.0000	.98400	-.016	-1.60	3.7096	.019	1

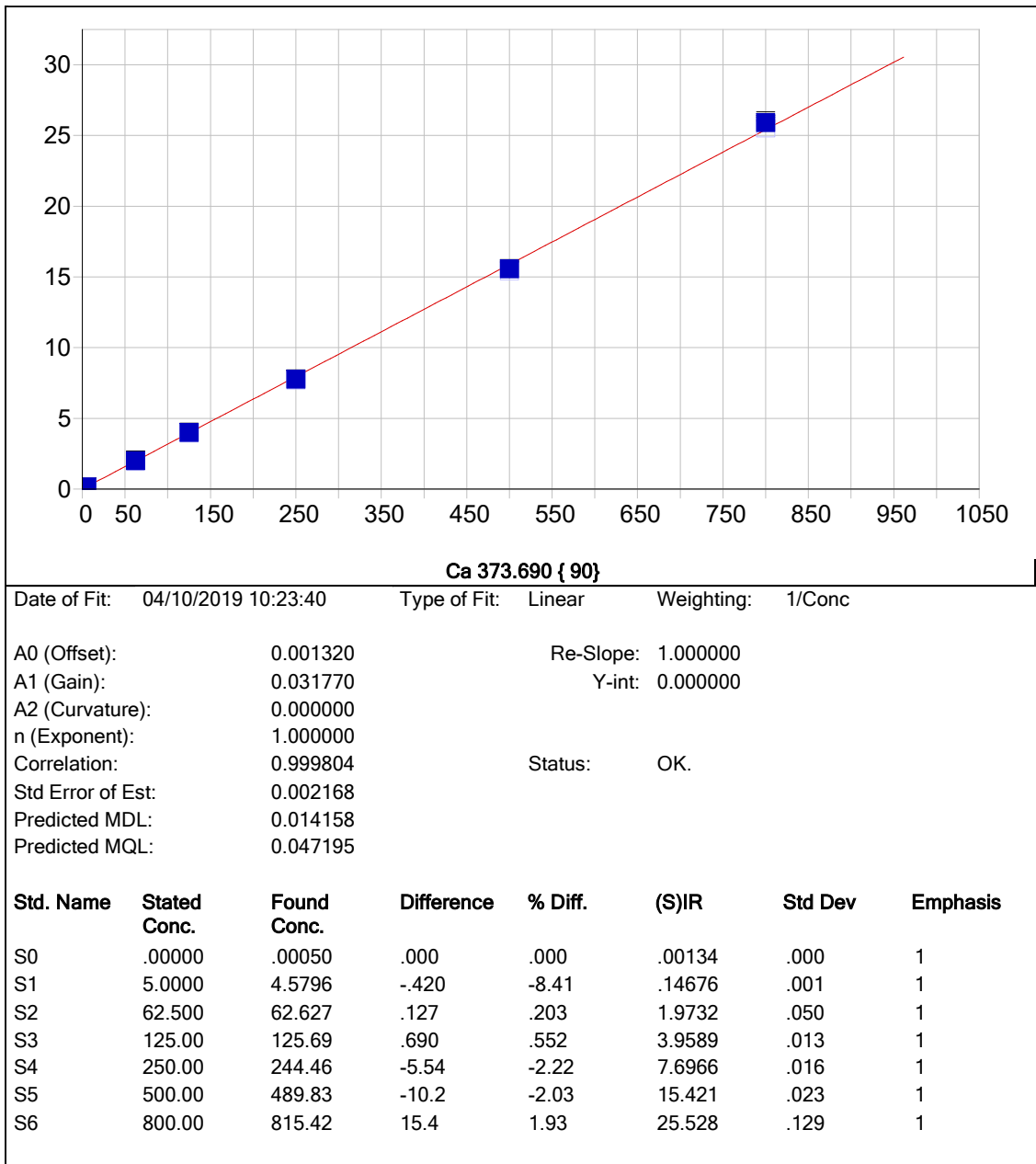


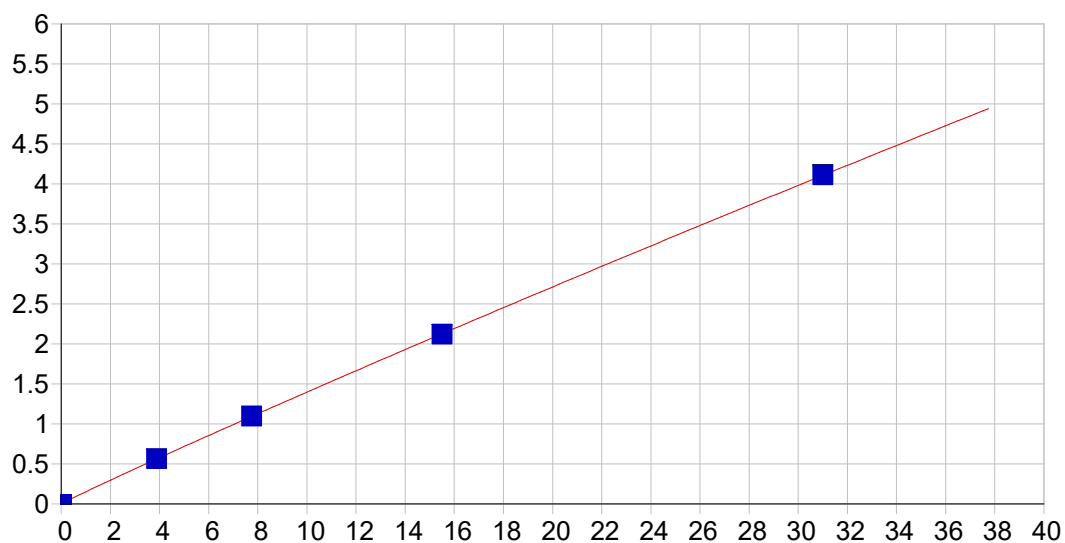
Cd 214.438 {457}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000398 Re-Slope: 1.000000
 A1 (Gain): 2.034656 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.000089
 Predicted MQL: 0.000296

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00040	.000	1
S1	.00500	.00517	.000	3.49	.01093	.000	1
S2	.62500	.64321	.018	2.91	1.3111	.001	1
S3	1.2500	1.2712	.021	1.70	2.5907	.004	1
S4	2.5000	2.5039	.004	.156	5.1028	.010	1
S5	5.0000	4.9565	-.043	-.870	10.101	.026	1



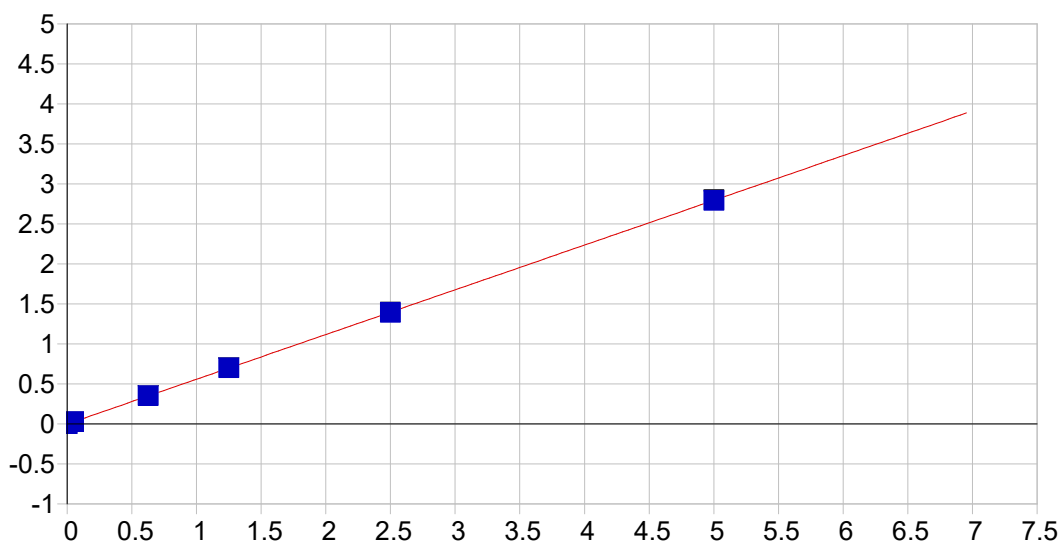


Cr 267.716 {126}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.000404	Re-Slope:	1.000000
A1 (Gain):	0.151114	Y-int:	0.000000
A2 (Curvature):	-0.000152		
n (Exponent):	0.970000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.000466		
Predicted MQL:	0.001553		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00040	.000	1
S1	.01000	.00838	-.002	-16.2	.00186	.000	1
S2	3.8750	3.9028	.028	.717	.56403	.002	1
S3	7.7500	7.7574	.007	.095	1.0939	.002	1
S4	15.500	15.439	-.061	-.394	2.1172	.002	1
S5	31.000	31.027	.027	.087	4.1077	.007	1

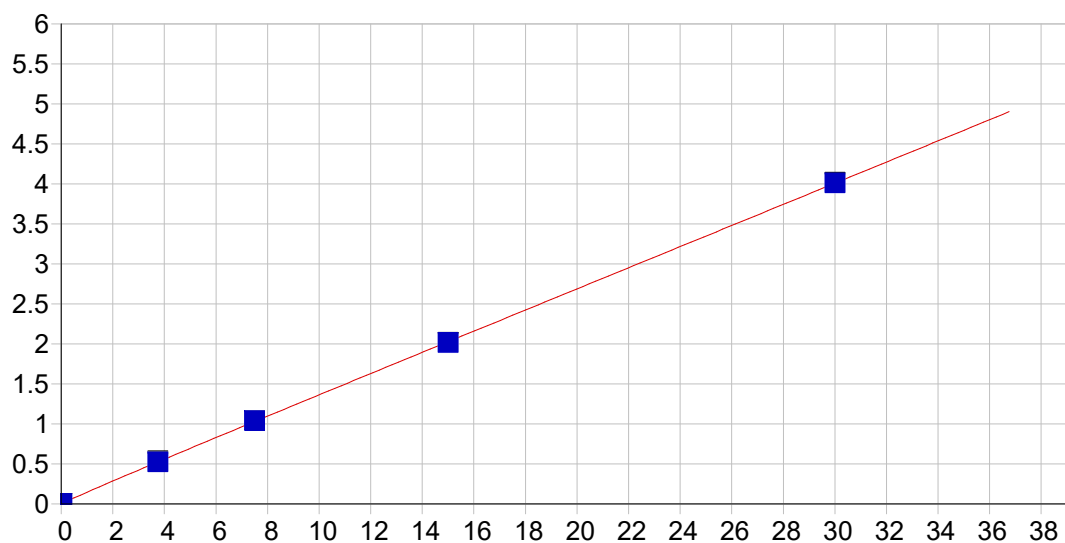


Co 228.616 {448}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000976 Re-Slope: 1.000000
 A1 (Gain): 0.559046 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.000302
 Predicted MQL: 0.001006

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00098	.000	1
S1	.05000	.05198	.002	3.96	.02818	.000	1
S2	.62500	.63019	.005	.830	.35188	.001	1
S3	1.2500	1.2550	.005	.397	.70172	.002	1
S4	2.5000	2.4922	-.008	-.312	1.3945	.002	1
S5	5.0000	4.9957	-.004	-.087	2.7963	.006	1

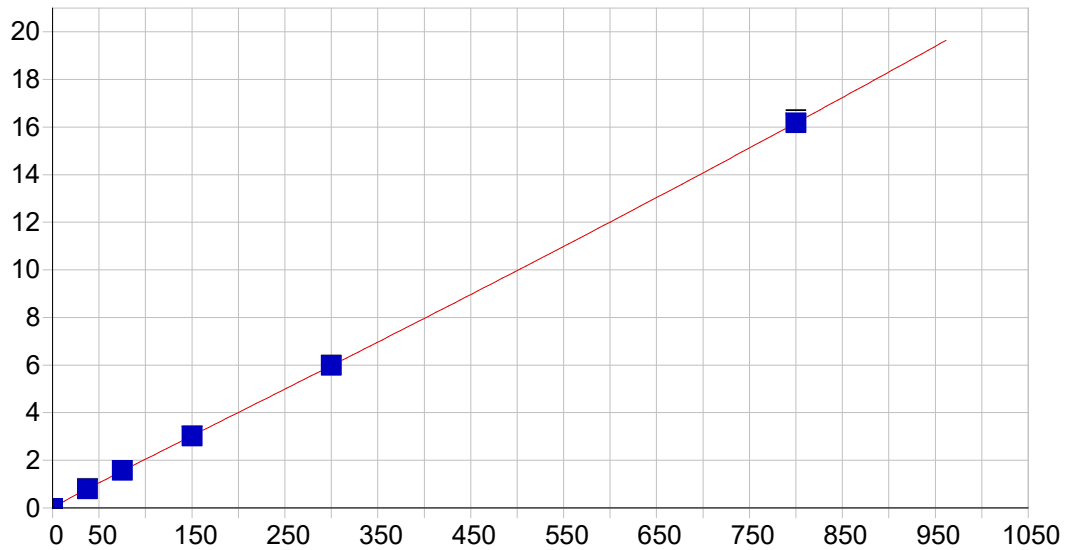


Cu 324.754 {104}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	0.001575	Re-Slope:	1.000000
A1 (Gain):	0.144904	Y-int:	0.000000
A2 (Curvature):	0.000111		
n (Exponent):	0.970000		
Correlation:	0.999989	Status:	Warning Positive Curvature
Std Error of Est:	0.000040		
Predicted MDL:	0.002389		
Predicted MQL:	0.007965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00158	.000	1
S1	.02500	.02401	-.001	-3.97	.00546	.000	1
S2	3.7500	3.7398	-.010	-.272	.52349	.013	1
S3	7.5000	7.5687	.069	.916	1.0385	.002	1
S4	15.000	14.915	-.085	-.566	2.0140	.003	1
S5	30.000	30.027	.027	.090	4.0090	.009	1

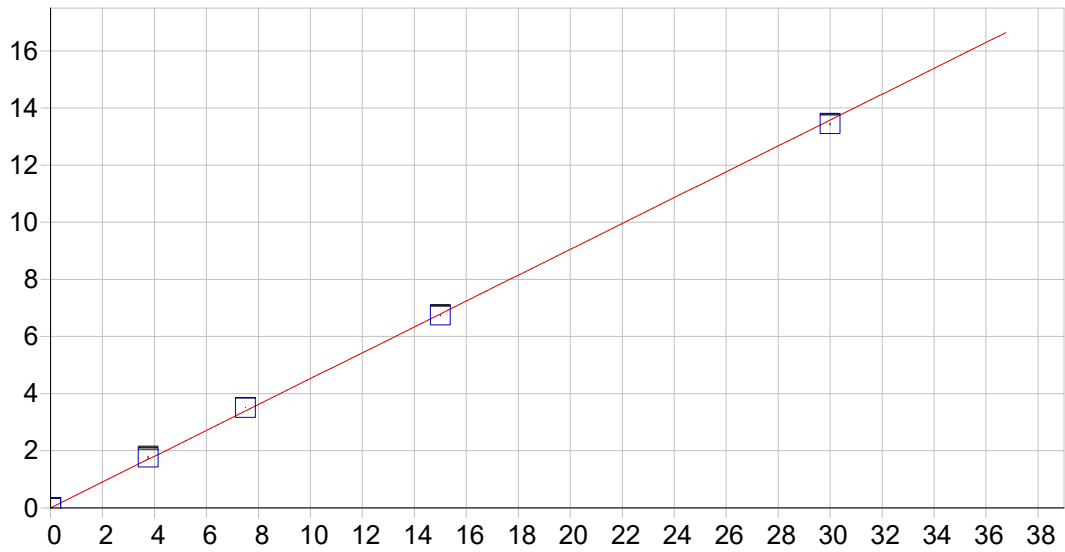


Fe 259.837 {130}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.025360 Y-int: 0.000000
 A2 (Curvature): 0.000005
 n (Exponent): 0.950000
 Correlation: 0.999989 Status: Warning Positive Curvature
 Std Error of Est: 0.000053
 Predicted MDL: 0.006817
 Predicted MQL: 0.022723

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00019	.000	1
S1	.10000	.07375	-.026	-26.3	.00243	.000	1
S2	37.500	37.264	-.236	-.629	.79568	.020	1
S3	75.000	75.918	.918	1.22	1.5735	.004	1
S4	150.00	149.15	-.846	-.564	3.0212	.007	1
S5	300.00	300.19	.194	.065	5.9966	.006	1
S6	800.00	800.01	.011	.001	16.203	.099	1

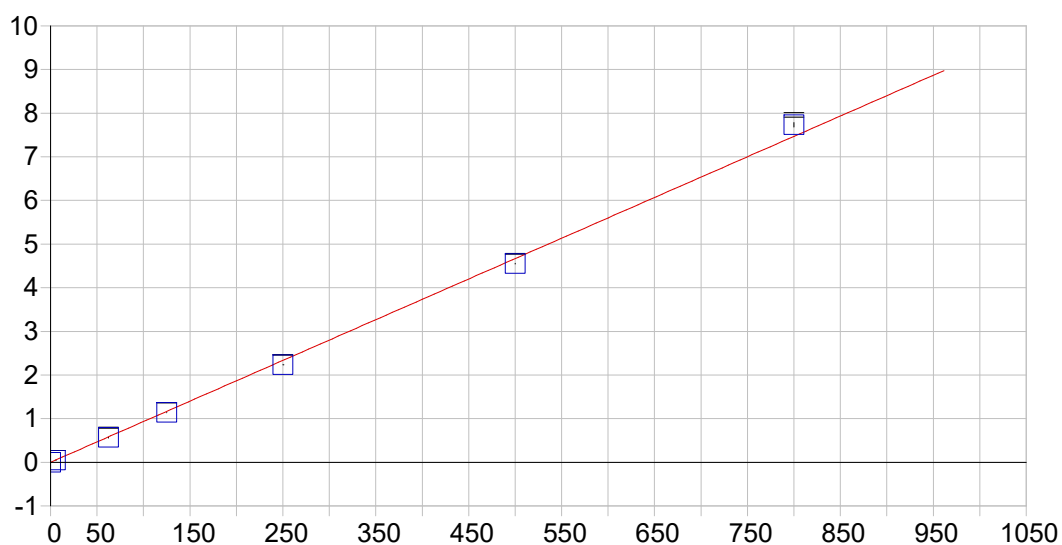


Mn 257.610 {131}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.452609 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834 Status: OK.
 Std Error of Est: 0.000293
 Predicted MDL: 0.000402
 Predicted MQL: 0.001340

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.01500	.01650	.002	10.0	.00776	.000	1
S2	3.7500	3.9000	.150	4.00	1.7654	.047	1
S3	7.5000	7.7561	.256	3.41	3.5107	.007	1
S4	15.000	14.899	-.101	-.674	6.7436	.027	1
S5	30.000	29.694	-.306	-1.02	13.440	.024	1

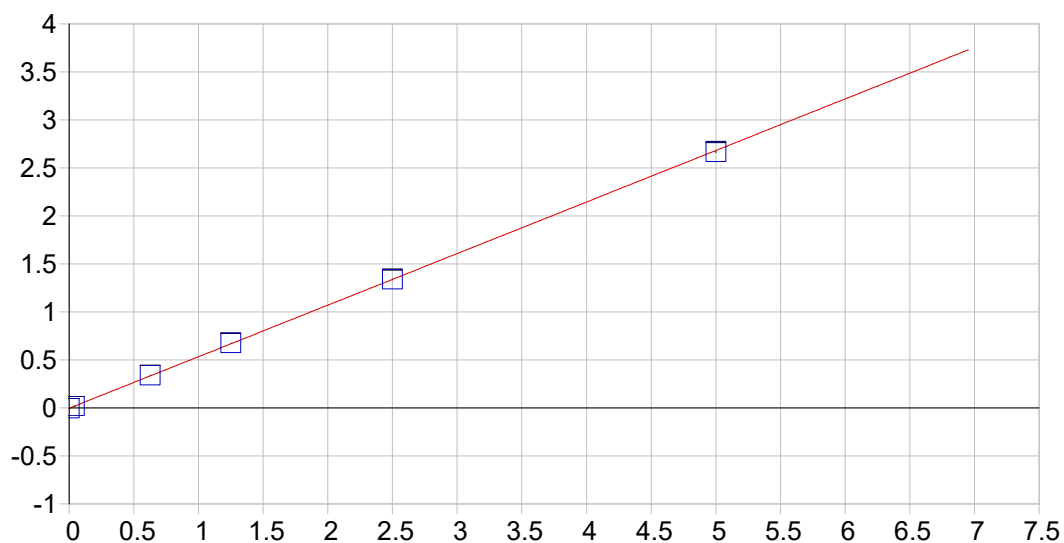


Mg 279.079 {121}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000077 Re-Slope: 1.000000
 A1 (Gain): 0.009335 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999457 Status: OK.
 Std Error of Est: 0.001074
 Predicted MDL: 0.023388
 Predicted MQL: 0.077961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00041	.000	.000	.00008	.000	1
S1	5.0000	5.0153	.015	.307	.04690	.000	1
S2	62.500	60.783	-1.72	-2.75	.56749	.012	1
S3	125.00	121.88	-3.12	-2.50	1.1378	.002	1
S4	250.00	239.30	-10.7	-4.28	2.2339	.002	1
S5	500.00	487.36	-12.6	-2.53	4.5497	.009	1
S6	800.00	828.16	28.2	3.52	7.7311	.052	1

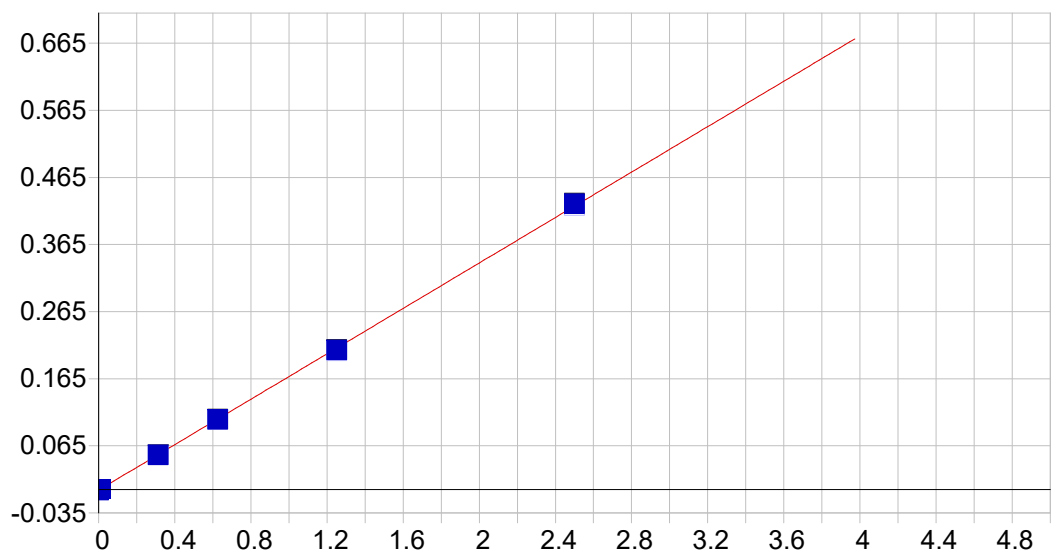


Ni 231.604 {446}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003484	Re-Slope:	1.000000
A1 (Gain):	0.536990	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000124		
Predicted MDL:	0.000417		
Predicted MQL:	0.001389		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00349	.000	1
S1	.04000	.04327	.003	8.17	.01975	.000	1
S2	.62500	.63875	.014	2.20	.33952	.000	1
S3	1.2500	1.2637	.014	1.10	.67512	.001	1
S4	2.5000	2.4988	-.001	-.047	1.3384	.004	1
S5	5.0000	4.9704	-.030	-.591	2.6656	.006	1

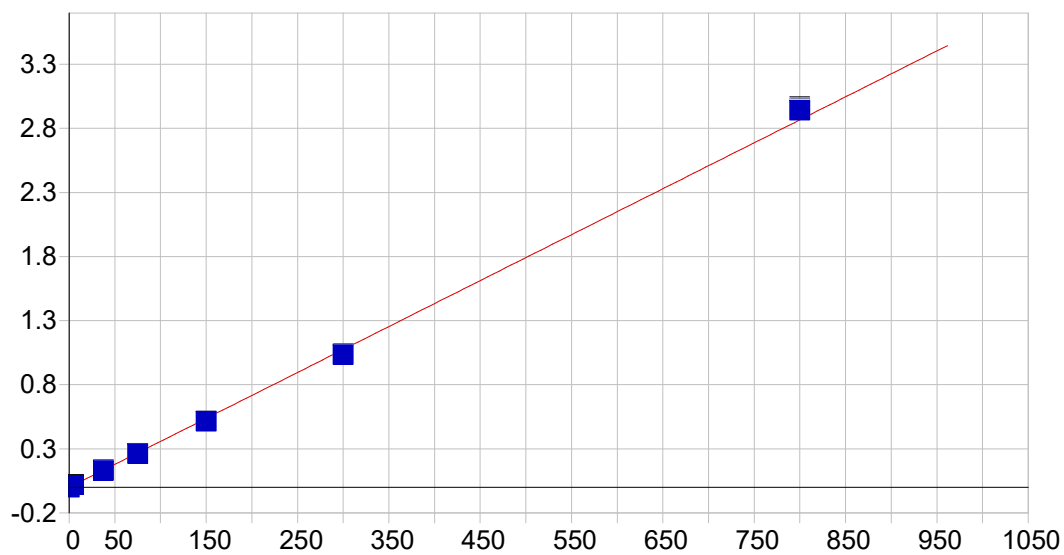


Ag 328.068 {103}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001027 Re-Slope: 1.000000
 A1 (Gain): 0.169281 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.000601
 Predicted MQL: 0.002004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00103	.000	1
S1	.01000	.01069	.001	6.94	.00077	.000	1
S2	.31250	.31037	-.002	-.683	.05117	.000	1
S3	.62500	.62278	-.002	-.355	.10371	.000	1
S4	1.2500	1.2340	-.016	-1.28	.20649	.001	1
S5	2.5000	2.5197	.020	.787	.42274	.001	1

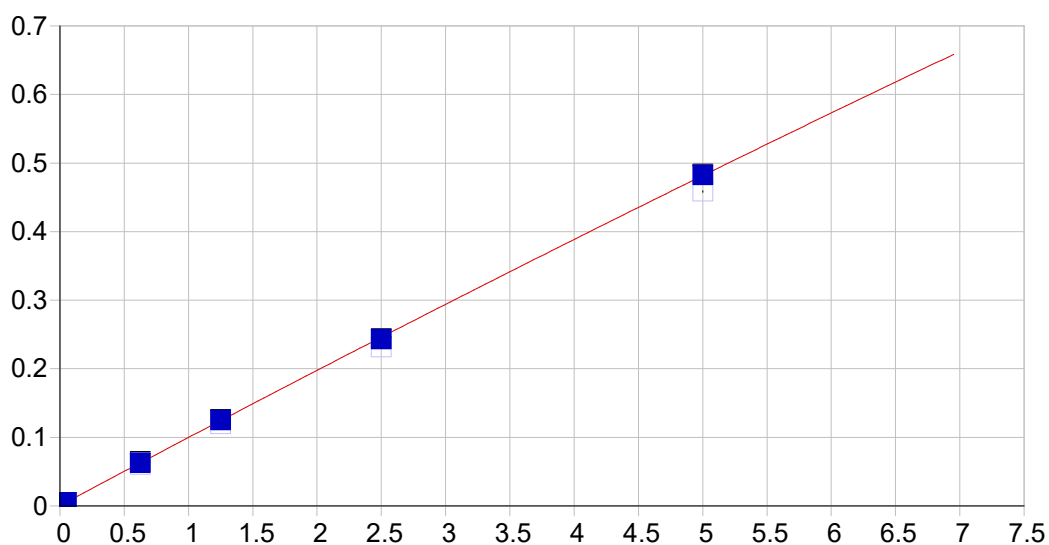


Na 818.326 { 41}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000535 Re-Slope: 1.000000
 A1 (Gain): 0.003585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999511 Status: OK.
 Std Error of Est: 0.000348
 Predicted MDL: 0.301643
 Predicted MQL: 1.005478

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	-.00053	.000	1
S1	5.0000	5.2398	.240	4.80	.01825	.001	1
S2	37.500	36.567	-.933	-2.49	.13114	.004	1
S3	75.000	72.947	-2.05	-2.74	.26215	.002	1
S4	150.00	143.36	-6.64	-4.42	.51576	.002	1
S5	300.00	288.65	-11.3	-3.78	1.0389	.002	1
S6	800.00	820.73	20.7	2.59	2.9542	.014	1

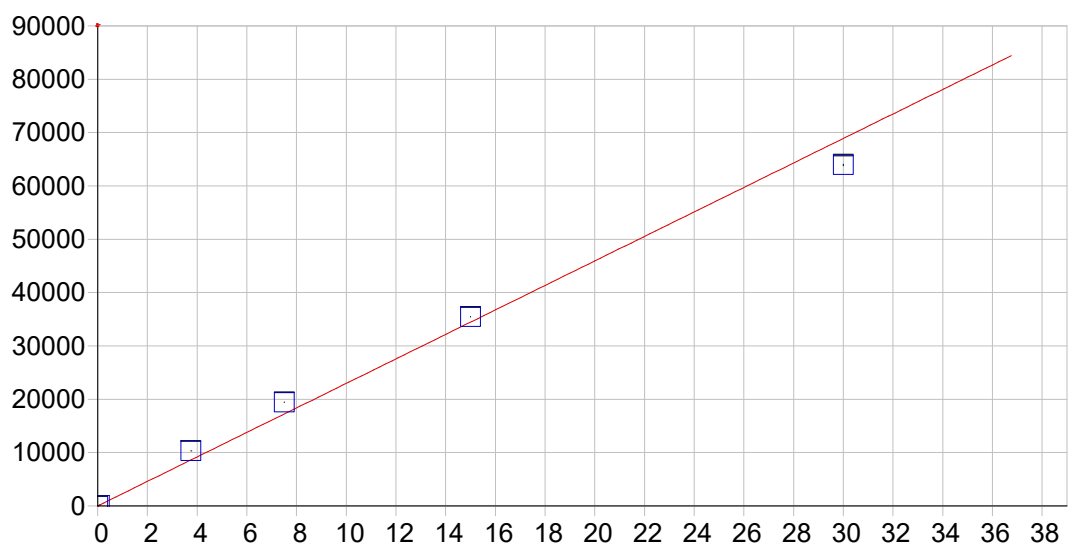


V 292.402 {115}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.100354 Y-int: 0.000000
 A2 (Curvature): -0.000816
 n (Exponent): 1.000000
 Correlation: 0.999966 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.002573
 Predicted MQL: 0.008576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00028	.000	1
S1	.05000	.05261	.003	5.23	.00554	.000	1
S2	.62500	.63028	.005	.845	.06020	.002	1
S3	1.2500	1.2584	.008	.670	.11925	.001	1
S4	2.5000	2.4720	-.028	-1.12	.23134	.000	1
S5	5.0000	5.0117	.012	.233	.45866	.001	1

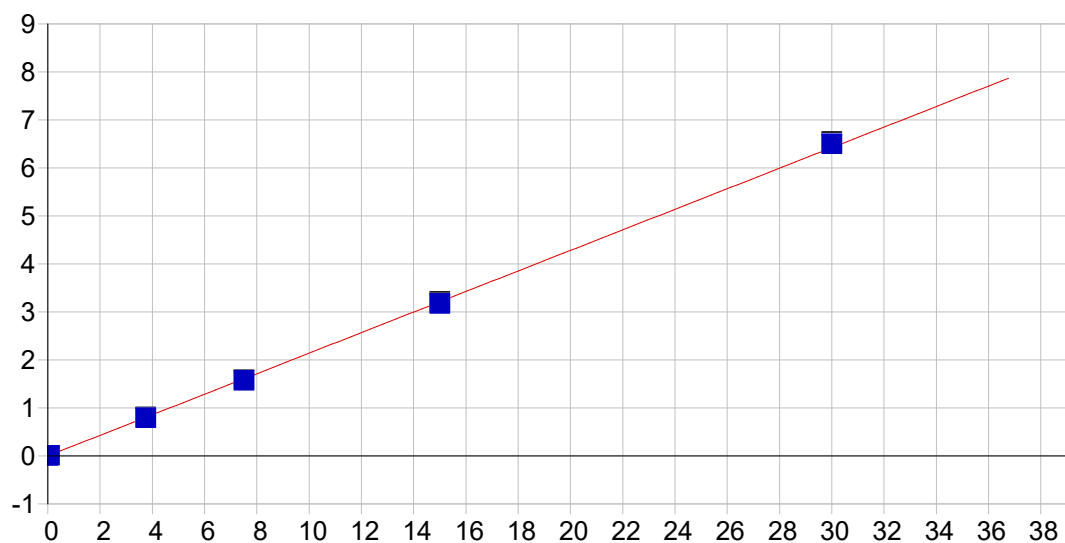


Zn 206.200 {464}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.327520 Re-Slope: 1.000000
 A1 (Gain): 2296.467578 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996119 Status: OK.
 Std Error of Est: 14.438393
 Predicted MDL: 0.000286
 Predicted MQL: 0.000954

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	3.2474	.319	1
S1	.06000	.07800	.018	30.0	182.46	.285	1
S2	3.7500	4.4862	.736	19.6	10306.	7.60	1
S3	7.5000	8.4568	.957	12.8	19424.	52.5	1
S4	15.000	15.443	.443	2.95	35467.	61.9	1
S5	30.000	27.846	-2.15	-7.18	63952.	151.	1

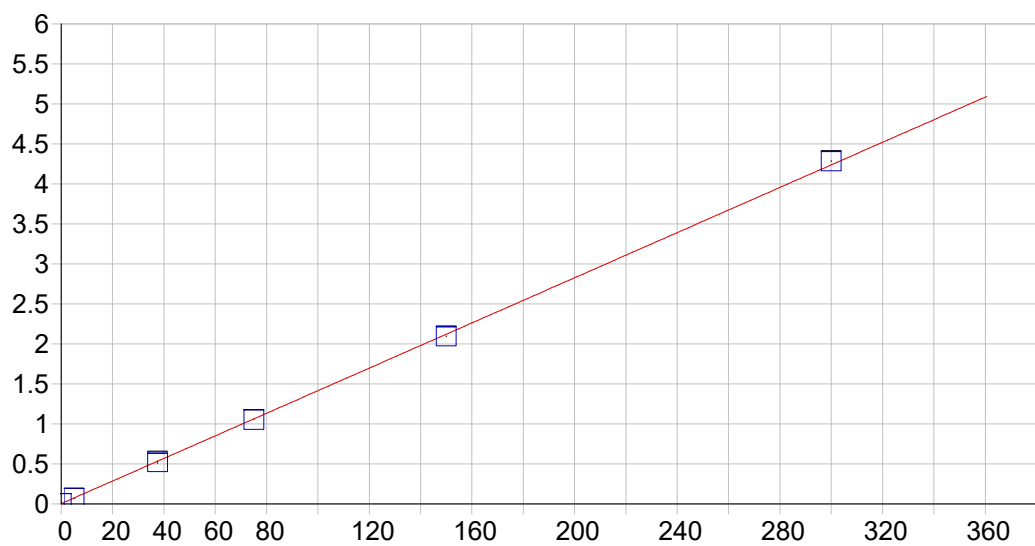


Zn 213.856 {158}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000140	Re-Slope:	1.000000
A1 (Gain):	0.214058	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000205		
Predicted MDL:	0.001789		
Predicted MQL:	0.005965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.06000	.05958	-.000	-.699	.01293	.000	1
S2	3.7500	3.7112	-.039	-1.04	.79586	.012	1
S3	7.5000	7.3404	-.160	-2.13	1.5740	.007	1
S4	15.000	14.831	-.169	-1.12	3.1802	.031	1
S5	30.000	30.368	.368	1.23	6.5111	.034	1

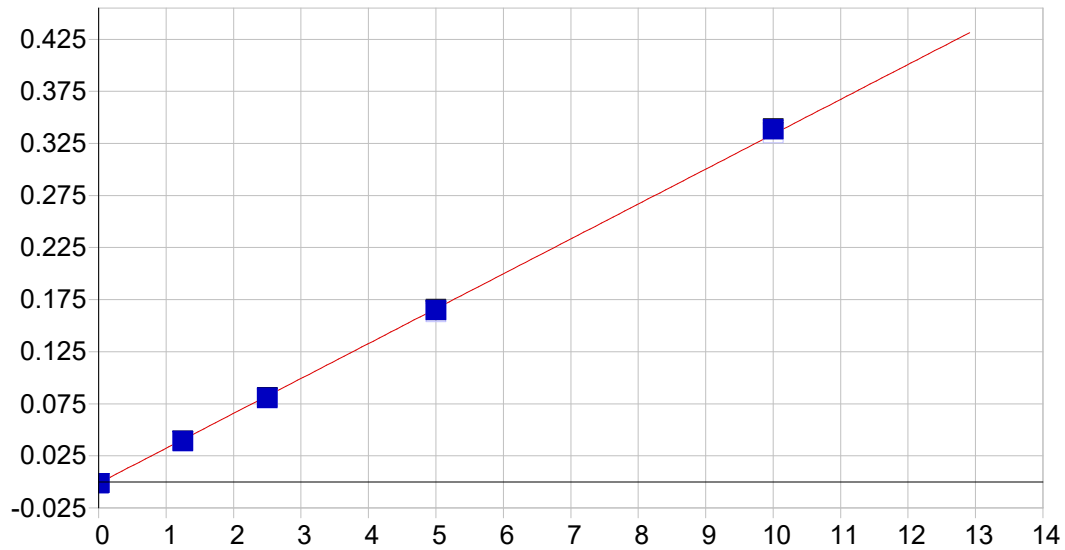


K 769.896 { 44 }

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003788	Re-Slope:	1.000000
A1 (Gain):	0.014115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000349		
Predicted MDL:	0.069971		
Predicted MQL:	0.233238		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00024	.000	.000	.00379	.000	1
S1	5.0000	4.9082	-.092	-1.84	.07307	.000	1
S2	37.500	36.786	-.714	-1.90	.52302	.013	1
S3	75.000	74.360	-.640	-0.853	1.0534	.003	1
S4	150.00	148.11	-1.89	-1.26	2.0944	.006	1
S5	300.00	303.33	3.33	1.11	4.2853	.006	1

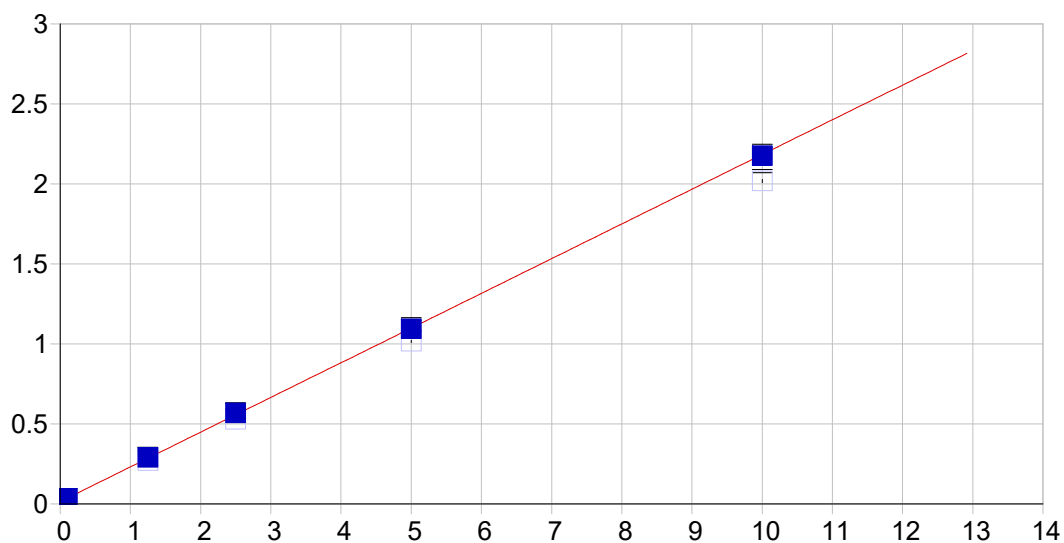


P 177.495 {490}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001254 Re-Slope: 1.000000
 A1 (Gain): 0.033506 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999807 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002743
 Predicted MQL: 0.009142

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00125	.000	1
S1	.01000	.00564	-.004	-43.6	-.00107	.000	1
S2	1.2500	1.2050	-.045	-3.60	.03865	.000	1
S3	2.5000	2.4451	-.055	-2.20	.07973	.000	1
S4	5.0000	4.9607	-.039	-.787	.16308	.001	1
S5	10.000	10.144	.144	1.44	.33486	.001	1

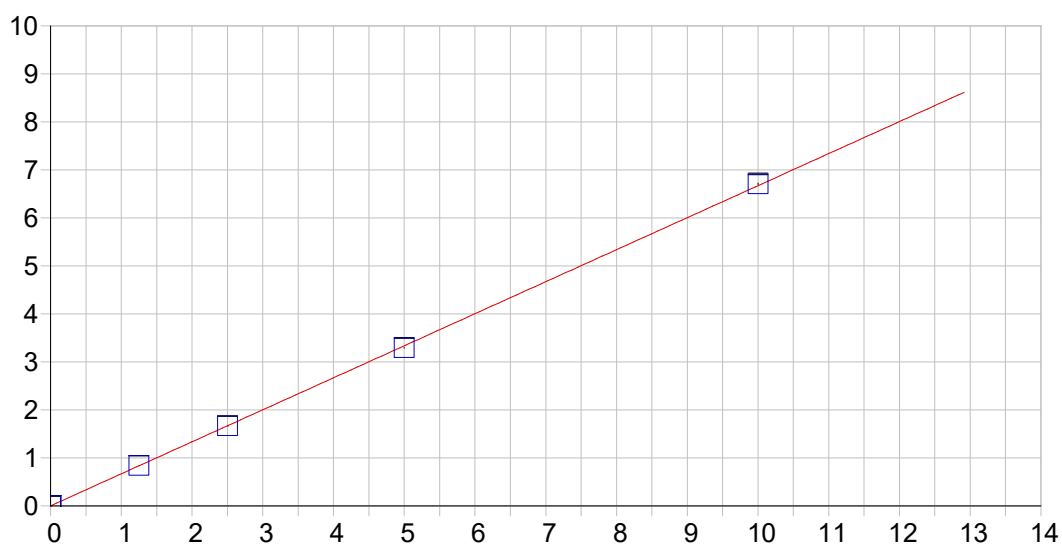


B 249.678 {135}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014348 Re-Slope: 1.000000
 A1 (Gain): 0.216919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999931 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.001104
 Predicted MQL: 0.003680

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01435	.000	1
S1	.10000	.09083	-.009	-9.17	.03401	.000	1
S2	1.2500	1.2662	.016	1.30	.26933	.004	1
S3	2.5000	2.5494	.049	1.98	.52801	.003	1
S4	5.0000	4.9779	-.022	-.443	1.0154	.007	1
S5	10.000	9.9663	-.034	-.337	2.0188	.010	1

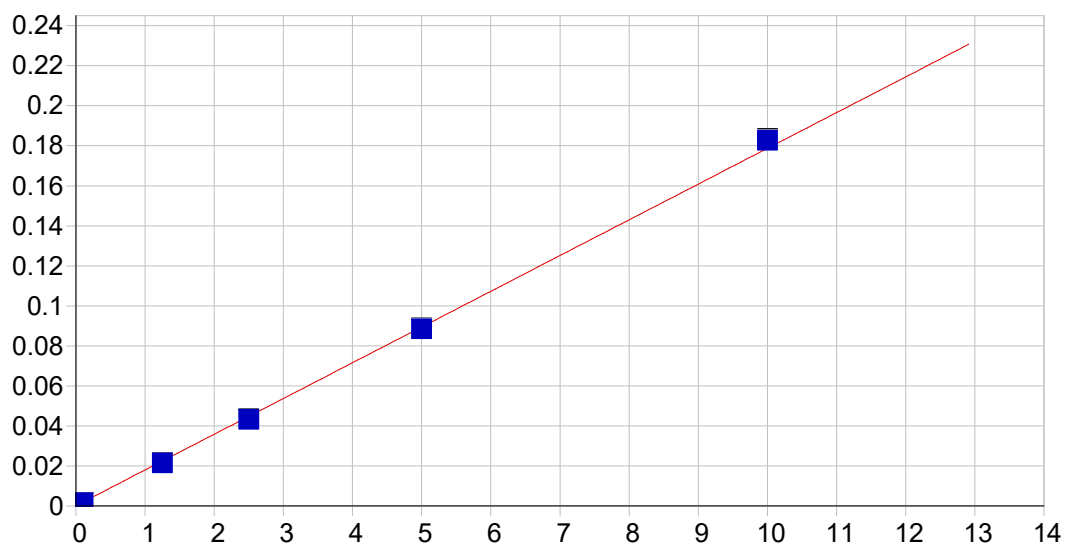


Mo 202.030 {467}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000931	Re-Slope:	1.000000
A1 (Gain):	0.667116	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999968	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000283		
Predicted MQL:	0.000944		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00093	.000	1
S1	.01000	.00981	-.000	-1.93	.00747	.000	1
S2	1.2500	1.2590	.009	.722	.84084	.001	1
S3	2.5000	2.4978	-.002	-.087	1.6673	.002	1
S4	5.0000	4.9365	-.063	-1.27	3.2942	.004	1
S5	10.000	10.057	.057	.568	6.7100	.014	1

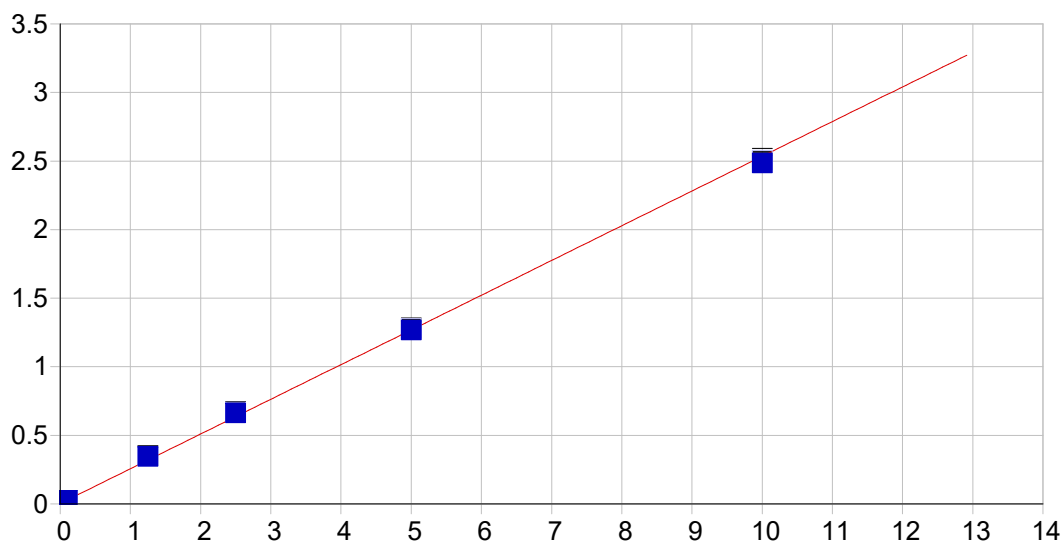


S 182.034 {485}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.017856 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999637 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004990
 Predicted MQL: 0.016633

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00012	.000	1
S1	.10000	.08451	-.015	-15.5	.00163	.000	1
S2	1.2500	1.1907	-.059	-4.74	.02143	.000	1
S3	2.5000	2.4121	-.088	-3.52	.04328	.000	1
S4	5.0000	4.9433	-.057	-1.13	.08857	.000	1
S5	10.000	10.219	.219	2.19	.18297	.001	1

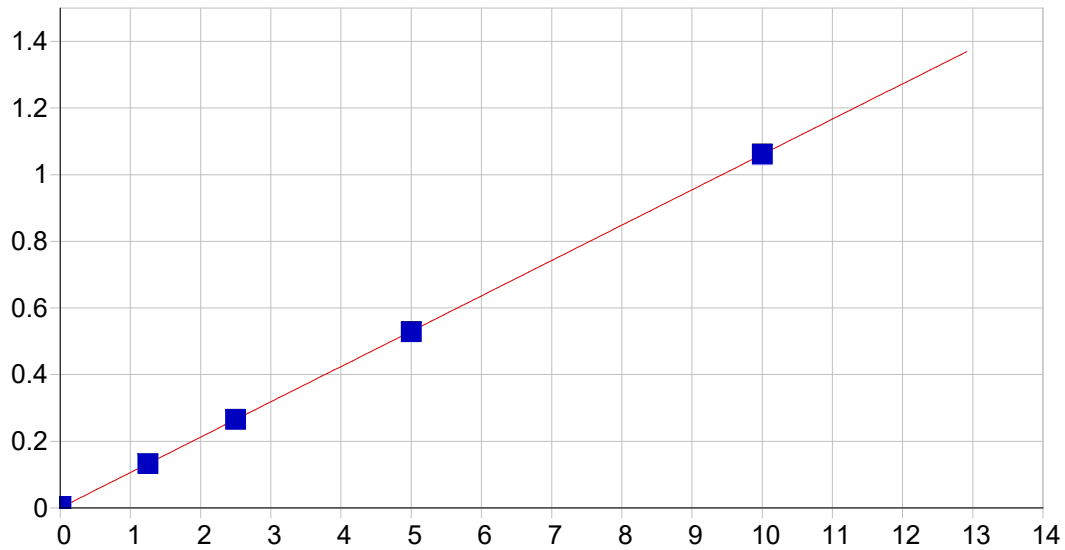


Si 251.611 {134}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003056 Re-Slope: 1.000000
 A1 (Gain): 0.253142 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999564 Status: OK.
 Std Error of Est: 0.000401
 Predicted MDL: 0.001109
 Predicted MQL: 0.003698

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00305	.000	1
S1	.10000	.09831	-.002	-1.69	.02803	.000	1
S2	1.2500	1.3494	.099	7.95	.34745	.005	1
S3	2.5000	2.6098	.110	4.39	.66930	.005	1
S4	5.0000	4.9920	-.008	-.159	1.2780	.006	1
S5	10.000	9.8004	-.200	-2.00	2.5064	.014	1

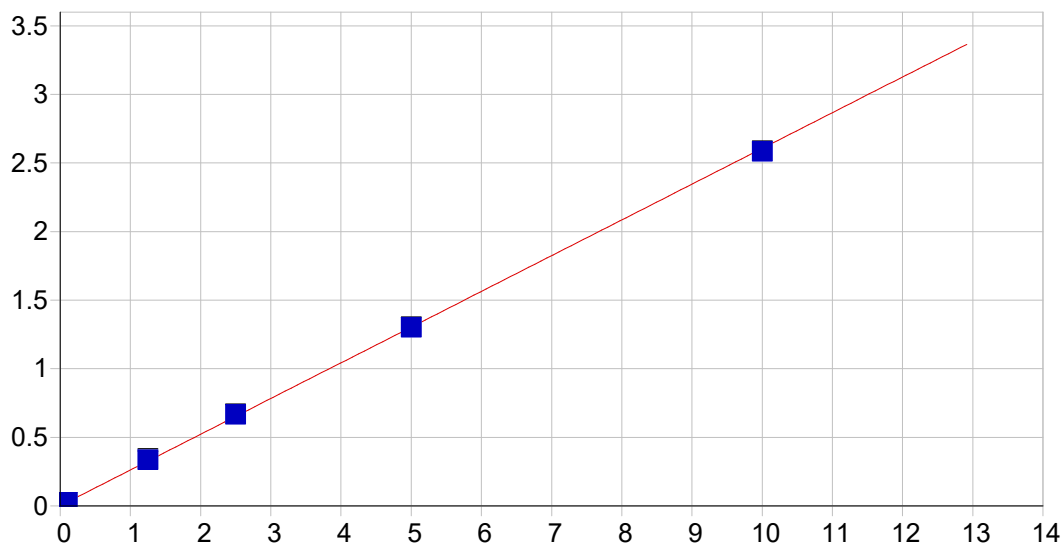


Sn 189.989 {478}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000116	Re-Slope:	1.000000
A1 (Gain):	0.106041	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997038	Status:	OK.
Std Error of Est:	0.000114		
Predicted MDL:	0.000958		
Predicted MQL:	0.003194		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00011	.000	1
S1	.00700	.03486	.028	398.	.00379	.000	1
S2	1.2500	1.2475	-.002	-.196	.13213	.000	1
S3	2.5000	2.4964	-.004	-.144	.26429	.001	1
S4	5.0000	4.9773	-.023	-.454	.52682	.002	1
S5	10.000	10.002	.002	.017	1.0585	.002	1

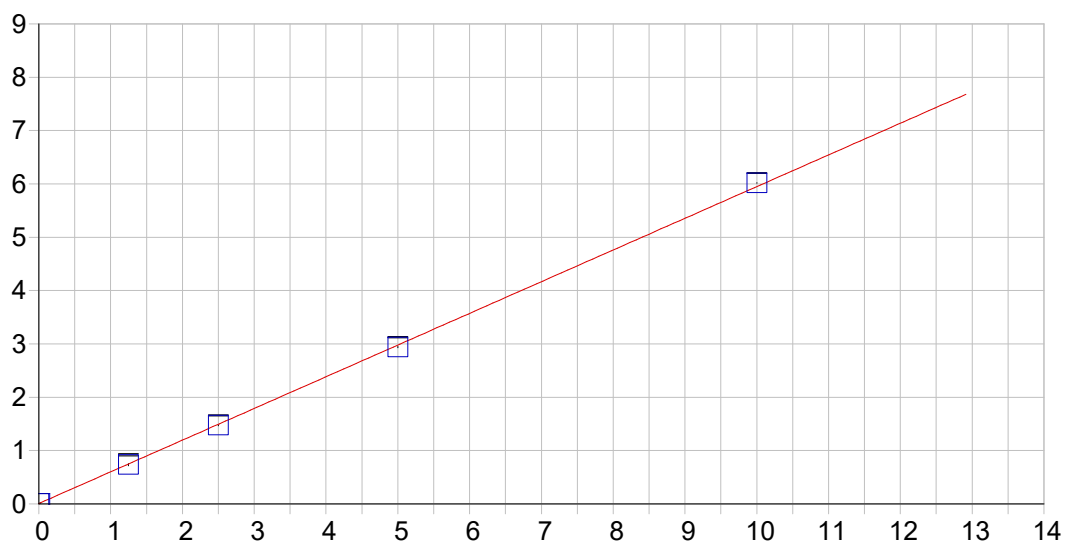


Ti 336.121 {100}

Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001192 Re-Slope: 1.000000
 A1 (Gain): 0.260501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.001312
 Predicted MQL: 0.004372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00119	.000	1
S1	.10000	.10293	.003	2.93	.02800	.000	1
S2	1.2500	1.2816	.032	2.53	.33494	.009	1
S3	2.5000	2.5553	.055	2.21	.66664	.003	1
S4	5.0000	4.9954	-.005	-.093	1.3020	.001	1
S5	10.000	9.9147	-.085	-.853	2.5831	.004	1

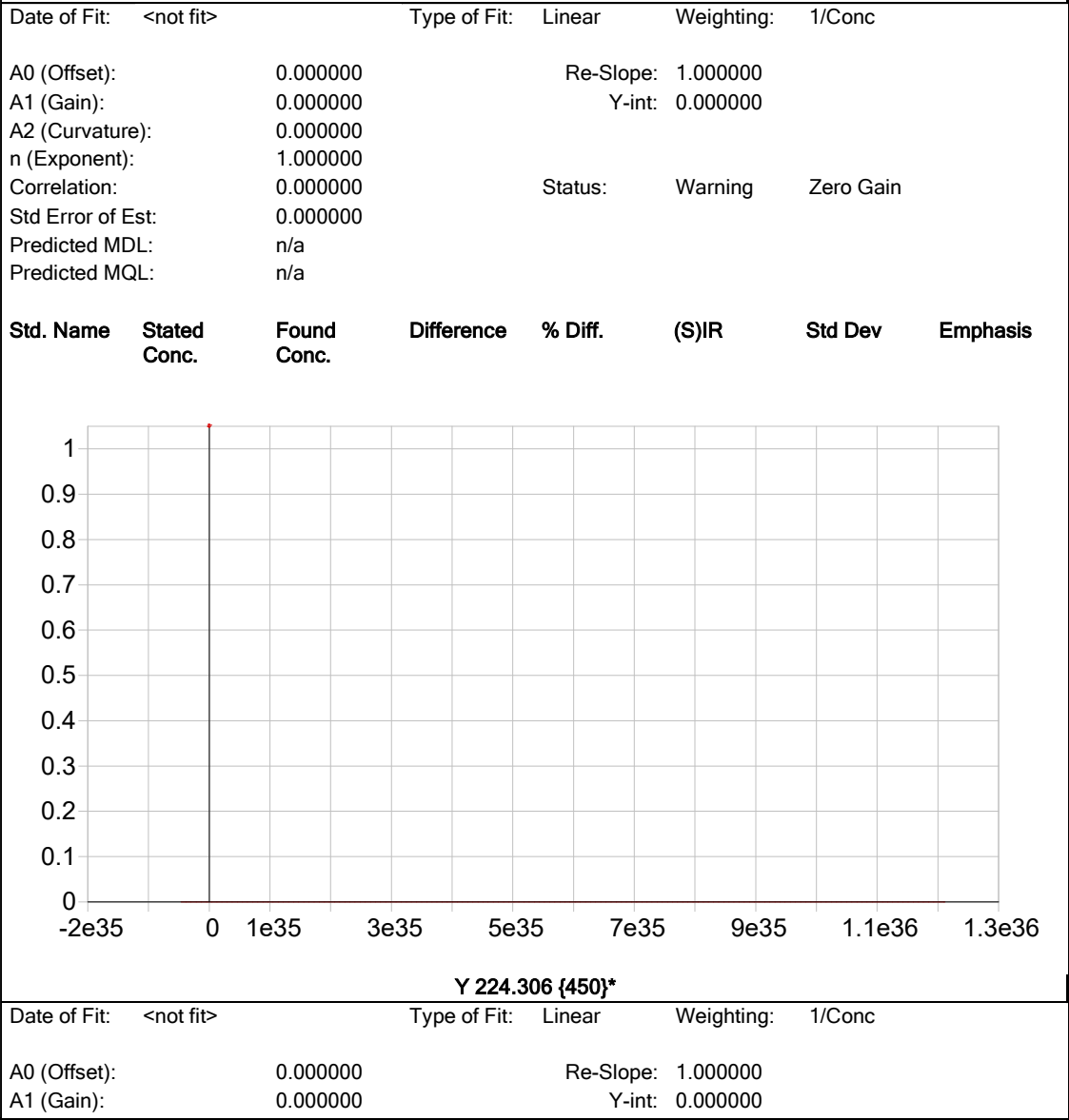
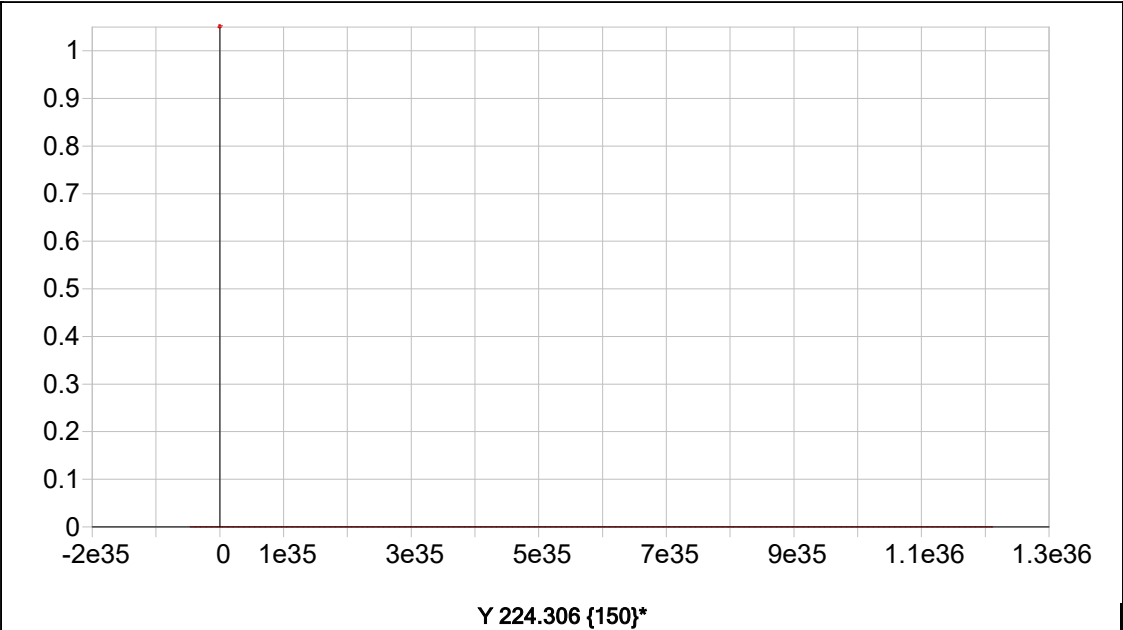


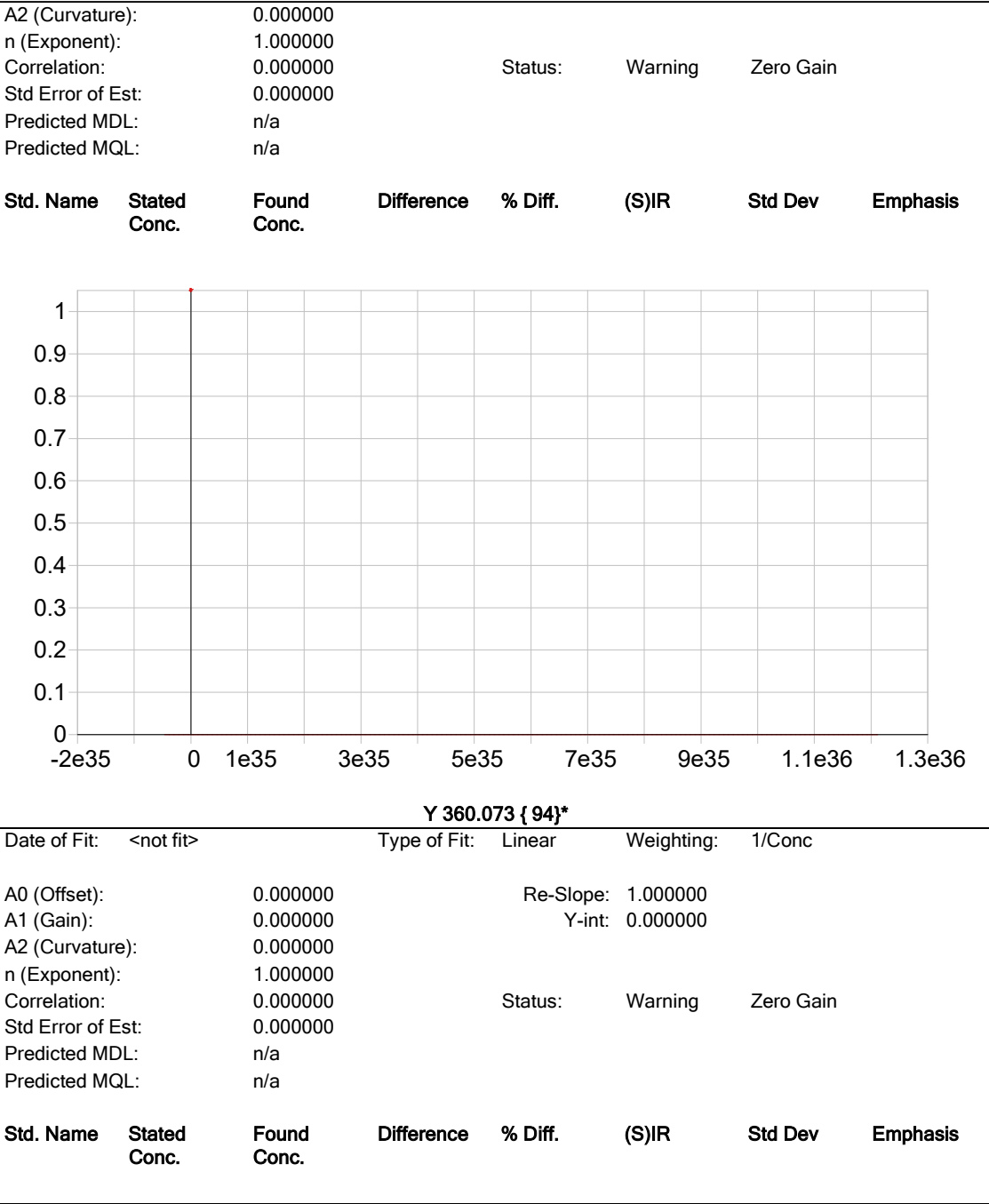
Li 670.784 { 50}

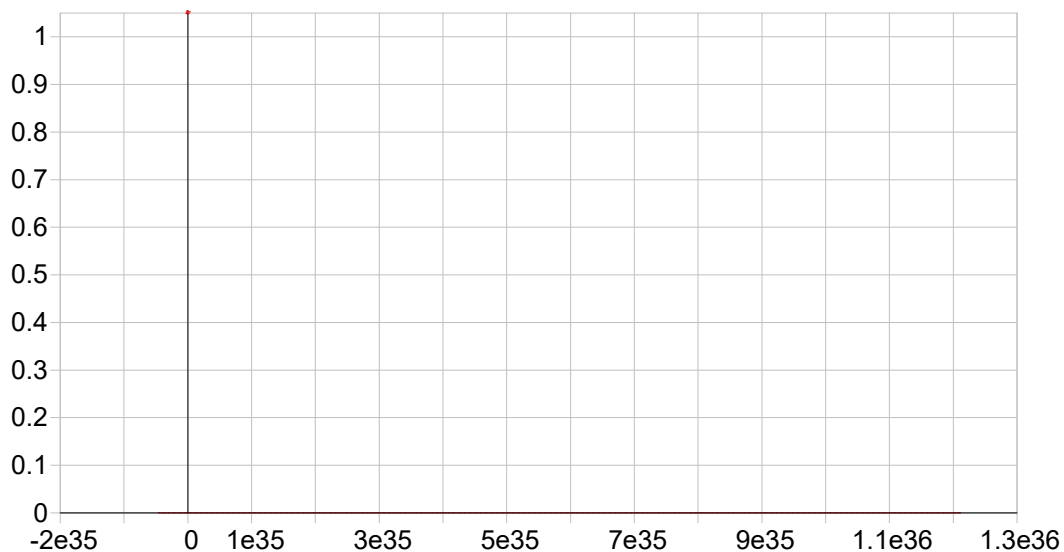
Date of Fit: 04/10/2019 10:23:40 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007149 Re-Slope: 1.000000
 A1 (Gain): 0.594217 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000153
 Predicted MDL: 0.001917
 Predicted MQL: 0.006389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00715	.000	1
S5	10.000	10.116	.116	1.16	6.0185	.007	1
S4	5.0000	4.9372	-.063	-1.26	2.9409	.013	1
S3	2.5000	2.4676	-.032	-1.29	1.4735	.007	1
S2	1.2500	1.2284	-.022	-1.73	.73706	.021	1
S1	.01500	.01527	.000	1.80	.01622	.001	1





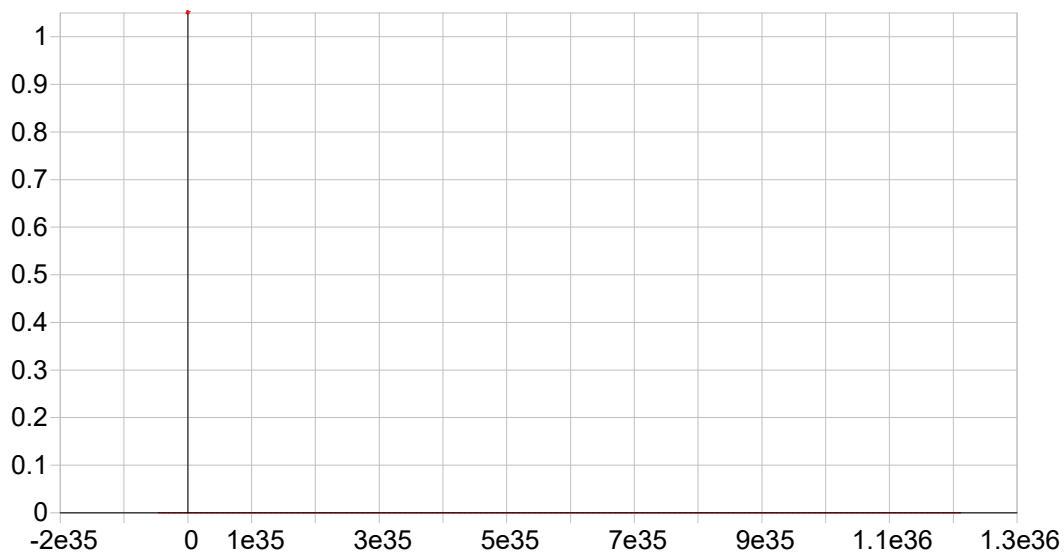


Y 371.030 { 91}*

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

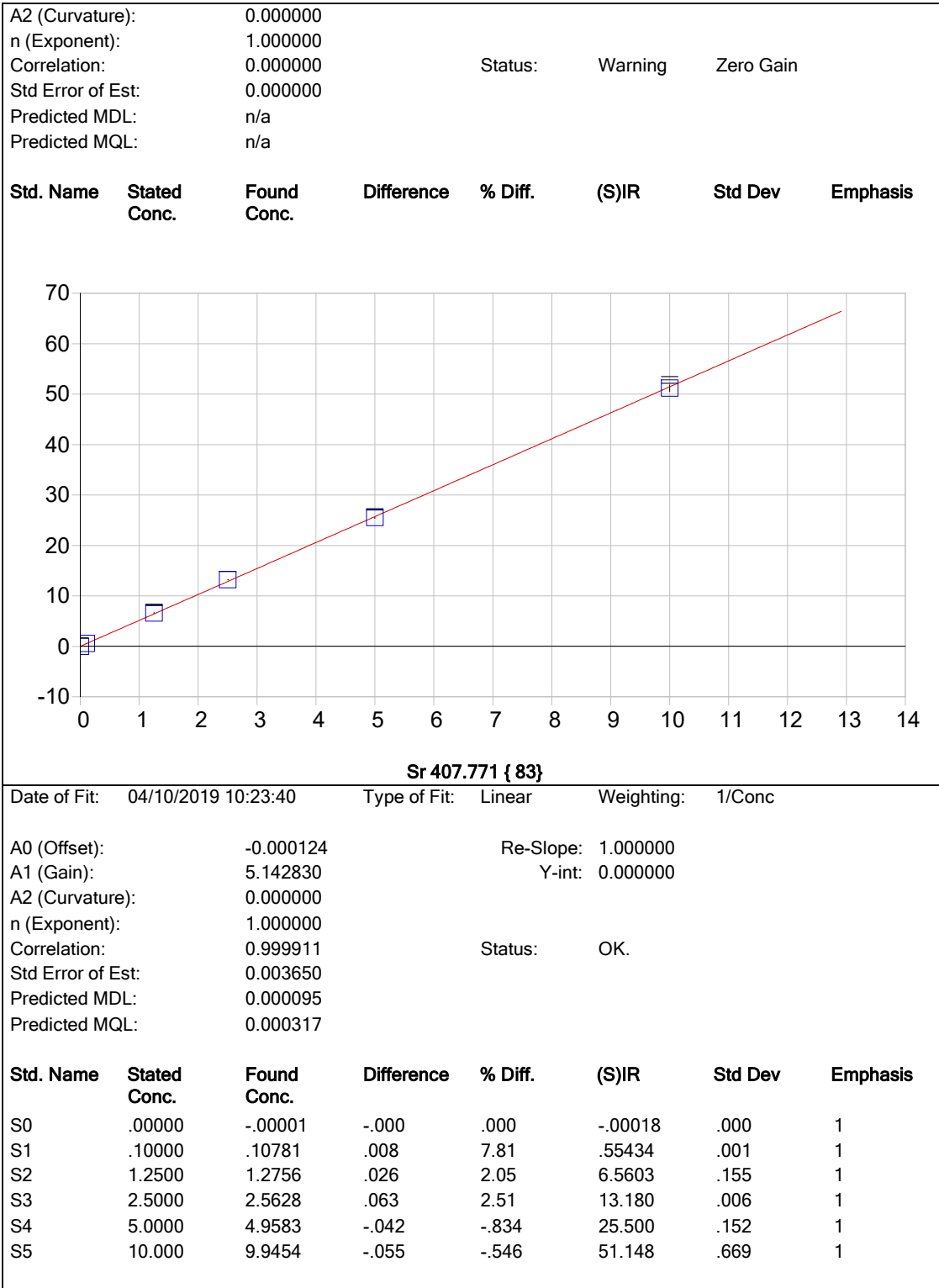
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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In 230.606 {446}*

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



Sample Name: S0 Acquired: 04/09/2019 12:05:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00064	-.00111	-.00017	.00081	.00094	.00274	.00886	-.00391
Stddev	.00009	.00009	.00014	.00002	.00015	.00018	.00089	.00016
%RSD	13.968	8.0331	82.527	3.0569	16.407	6.6601	10.003	4.0218
#1	-.00067	-.00102	-.00003	.00079	.00079	.00260	.00985	-.00387
#2	-.00070	-.00120	-.00030	.00080	.00110	.00294	.00858	-.00409
#3	-.00053	-.00110	-.00017	.00084	.00095	.00267	.00815	-.00379
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	.00040	.00134	.00040	-.00098	.00158	.00019	.00029	.00008
Stddev	.00010	.00030	.00011	.00011	.00017	.00002	.00004	.00011
%RSD	25.919	22.523	28.298	11.560	10.847	11.353	12.630	137.73
#1	.00031	.00155	.00050	-.00111	.00169	.00021	.00032	.00002
#2	.00051	.00146	.00043	-.00093	.00138	.00017	.00030	.00021
#3	.00038	.00099	.00028	-.00090	.00166	.00021	.00025	.00002
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	-.00349	-.00103	-.00053	.00028	.00014	.00379	-.00125	.01435
Stddev	.00012	.00005	.00014	.00021	.00046	.00009	.00001	.00023
%RSD	3.3084	4.8329	25.579	76.491	329.38	2.2579	.88836	1.6268
#1	-.00347	-.00097	-.00044	.00052	.00067	.00369	-.00124	.01421
#2	-.00338	-.00107	-.00069	.00013	-.00018	.00383	-.00127	.01462
#3	-.00361	-.00104	-.00048	.00018	-.00007	.00385	-.00125	.01422
Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00093	.00012	.00305	.00011	.00119	.00715	-.00018	
Stddev	.00006	.00005	.00028	.00002	.00021	.00003	.00020	
%RSD	6.7772	38.529	9.3271	20.872	17.841	.37302	113.06	
#1	.00094	.00016	.00324	.00011	.00099	.00715	-.00038	
#2	.00087	.00007	.00319	.00014	.00117	.00712	-.00019	
#3	.00099	.00012	.00273	.00009	.00141	.00718	.00003	

Sample Name: S0 Acquired: 04/09/2019 12:05:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2825.9	3733.5	59301.	12664.	4750.5
Stddev	2.6	4.7	158.	42.	1.8
%RSD	.09313	.12709	.26568	.33075	.03853
#1	2823.8	3734.7	59210.	12617.	4748.4
#2	2825.1	3737.5	59210.	12697.	4751.9
#3	2828.9	3728.3	59483.	12678.	4751.2

Sample Name: S1 Acquired: 04/09/2019 12:09:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	-.00034	.00039	.00130	.00208	.00870	.01703	.44536	.01581
Stddev	.00012	.00002	.00030	.00008	.00001	.00073	.00235	.00031
%RSD	36.313	6.4241	22.787	3.7265	.06996	4.2830	.52658	1.9476

#1	-.00020	.00036	.00096	.00203	.00869	.01619	.44301	.01598
#2	-.00044	.00041	.00145	.00204	.00870	.01740	.44538	.01599
#3	-.00036	.00040	.00149	.00217	.00869	.01751	.44770	.01545

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	.01093	.14676	.00186	.02818	.00546	.00243	.00776	.04690
Stddev	.00007	.00104	.00003	.00011	.00021	.00007	.00007	.00043
%RSD	.61055	.70725	1.8214	.39472	3.8691	2.7858	.85346	.92467

#1	.01101	.14783	.00184	.02806	.00523	.00251	.00777	.04720
#2	.01091	.14576	.00190	.02822	.00551	.00238	.00768	.04640
#3	.01088	.14670	.00185	.02827	.00565	.00241	.00781	.04709

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	.01975	.00077	.01825	.00554	.01293	.07307	-.00107	.03401
Stddev	.00028	.00014	.00085	.00023	.00034	.00021	.00004	.00023
%RSD	1.4375	18.409	4.6624	4.1588	2.6022	.28709	3.8547	.68960

#1	.01975	.00070	.01771	.00556	.01285	.07324	-.00106	.03379
#2	.02004	.00093	.01780	.00577	.01264	.07283	-.00111	.03398
#3	.01947	.00067	.01923	.00531	.01330	.07312	-.00103	.03426

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	.00747	.00163	.02803	.00379	.02800	.01622	.55434	
Stddev	.00010	.00003	.00050	.00017	.00033	.00104	.00122	
%RSD	1.3876	1.6682	1.7716	4.5884	1.1700	6.3820	.22014	

#1	.00759	.00160	.02845	.00399	.02808	.01638	.55489	
#2	.00744	.00162	.02748	.00369	.02764	.01512	.55294	
#3	.00739	.00165	.02817	.00369	.02828	.01717	.55518	

Sample Name: S1 Acquired: 04/09/2019 12:09:26 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2798.9	3711.9	58927.	12602.	4771.1
Stddev	9.3	6.0	242.	49.	1.6
%RSD	.33308	.16134	.41031	.39060	.03275
#1	2797.1	3713.4	58696.	12550.	4769.3
#2	2790.7	3717.0	58907.	12648.	4771.7
#3	2809.0	3705.3	59178.	12609.	4772.3

Sample Name: S2 Acquired: 04/09/2019 12:13:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04857	.08472	.86512	.06147	.16476	2.4654	5.2554	.49321
Stddev	.00015	.00030	.00130	.00005	.00017	.0645	.1320	.00621
%RSD	.30586	.35491	.14999	.08105	.10422	2.6167	2.5111	1.2595

#1	.04846	.08489	.86418	.06144	.16460	2.4997	5.3253	.49357
#2	.04850	.08488	.86458	.06145	.16474	2.5055	5.3376	.49924
#3	.04874	.08437	.86660	.06153	.16494	2.3910	5.1032	.48683

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3111	1.9732	.56403	.35188	.52349	.79568	1.7654	.56749
Stddev	.0010	.0498	.00159	.00053	.01303	.02046	.0466	.01224
%RSD	.07753	2.5259	.28152	.14996	2.4882	2.5719	2.6393	2.1577

#1	1.3115	1.9940	.56584	.35160	.52991	.80709	1.7839	.57213
#2	1.3099	2.0092	.56337	.35156	.53207	.80790	1.8000	.57674
#3	1.3118	1.9163	.56288	.35249	.50851	.77206	1.7124	.55361

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	.33952	.05117	.13114	.06020	.79586	.52302	.03865	.26933
Stddev	.00045	.00017	.00350	.00155	.01245	.01320	.00023	.00371
%RSD	.13323	.32887	2.6696	2.5812	1.5645	2.5238	.59510	1.3785

#1	.33907	.05136	.13322	.06103	.80807	.53077	.03891	.27065
#2	.33952	.05107	.13310	.06116	.79633	.53050	.03858	.27221
#3	.33997	.05107	.12710	.05840	.78318	.50778	.03846	.26514

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	.84084	.02143	.34745	.13213	.33494	.73706	6.5603	
Stddev	.00111	.00010	.00462	.00015	.00878	.02138	.1550	
%RSD	.13232	.46101	1.3310	.11159	2.6204	2.9003	2.3629	

#1	.84040	.02151	.34751	.13207	.33977	.74782	6.6582	
#2	.84002	.02132	.35204	.13230	.34026	.75092	6.6411	
#3	.84211	.02146	.34280	.13203	.32481	.71244	6.3816	

Sample Name: S2 Acquired: 04/09/2019 12:13:31 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.9	3561.0	57362.	12480.	4494.4
Stddev	20.6	6.4	412.	205.	3.9
%RSD	.76435	.17995	.71807	1.6410	.08573
#1	2672.2	3566.2	56964.	12407.	4493.2
#2	2693.2	3562.8	57335.	12322.	4498.7
#3	2713.4	3553.8	57786.	12712.	4491.3

Sample Name: S3 Acquired: 04/09/2019 12:17:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.09780	.16780	1.7206	.11956	.32324	4.9611	10.566	.97986
Stddev	.00005	.00027	.0030	.00015	.00111	.0154	.010	.00555
%RSD	.04982	.16375	.17687	.12697	.34361	.30937	.09621	.56620

#1	.09774	.16771	1.7202	.11939	.32309	4.9787	10.577	.98589
#2	.09781	.16811	1.7177	.11968	.32221	4.9503	10.556	.97868
#3	.09783	.16759	1.7238	.11961	.32442	4.9544	10.565	.97499

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5907	3.9589	1.0939	.70172	1.0385	1.5735	3.5107	1.1378
Stddev	.0044	.0126	.0018	.00152	.0021	.0039	.0070	.0024
%RSD	.17062	.31855	.16841	.21667	.19938	.24740	.20040	.20838

#1	2.5871	3.9677	1.0944	.70042	1.0409	1.5769	3.5174	1.1370
#2	2.5894	3.9445	1.0954	.70133	1.0374	1.5692	3.5034	1.1359
#3	2.5957	3.9645	1.0918	.70339	1.0373	1.5744	3.5114	1.1405

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	.67512	.10371	.26215	.11925	1.5740	1.0534	.07973	.52801
Stddev	.00095	.00032	.00196	.00056	.0069	.0034	.00029	.00309
%RSD	.14021	.31306	.74827	.46722	.43798	.31883	.36350	.58601

#1	.67533	.10387	.26438	.11978	1.5666	1.0525	.07966	.53101
#2	.67409	.10333	.26071	.11931	1.5803	1.0505	.07949	.52819
#3	.67594	.10392	.26135	.11867	1.5753	1.0571	.08005	.52483

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	1.6673	.04328	.66930	.26429	.66664	1.4735	13.180
Stddev	.0019	.00017	.00513	.00073	.00267	.0073	.006
%RSD	.11111	.40295	.76580	.27652	.40066	.49627	.04461

#1	1.6661	.04309	.67451	.26375	.66906	1.4813	13.186
#2	1.6663	.04342	.66911	.26399	.66377	1.4669	13.175
#3	1.6694	.04334	.66427	.26512	.66707	1.4722	13.179

Sample Name: S3 Acquired: 04/09/2019 12:17:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	2651.1	3460.1	56914.	12286.	4307.0
Stddev	4.7	6.5	62.	58.	3.8
%RSD	.17720	.18834	.10965	.46934	.08860
#1	2648.3	3453.1	56931.	12222.	4302.8
#2	2648.4	3461.3	56966.	12301.	4308.0
#3	2656.5	3466.0	56845.	12334.	4310.2

Sample Name: S4 Acquired: 04/09/2019 12:21:10 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.19557	.32724	3.4387	.23043	.64079	9.8736	20.796	1.8773
Stddev	.00068	.00116	.0041	.00019	.00087	.0150	.037	.0104
%RSD	.34855	.35542	.11981	.08048	.13534	.15184	.17691	.55688

#1	.19498	.32749	3.4359	.23064	.64133	9.8563	20.757	1.8819
#2	.19541	.32598	3.4368	.23028	.64125	9.8826	20.830	1.8846
#3	.19631	.32827	3.4434	.23037	.63979	9.8819	20.802	1.8653

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	5.1028	7.6966	2.1172	1.3945	2.0140	3.0212	6.7436	2.2339
Stddev	.0100	.0156	.0024	.0020	.0033	.0072	.0266	.0021
%RSD	.19521	.20219	.11468	.14451	.16604	.23707	.39403	.09587

#1	5.0949	7.6819	2.1169	1.3927	2.0111	3.0135	6.7134	2.2318
#2	5.0995	7.7129	2.1198	1.3942	2.0131	3.0277	6.7633	2.2339
#3	5.1140	7.6950	2.1150	1.3967	2.0177	3.0224	6.7542	2.2361

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	1.3384	.20649	.51576	.23134	3.1802	2.0944	.16308	1.0154
Stddev	.0035	.00054	.00196	.00044	.0307	.0059	.00102	.0072
%RSD	.26264	.26007	.37985	.19188	.96625	.28045	.62761	.71053

#1	1.3354	.20696	.51353	.23085	3.1698	2.0900	.16292	1.0209
#2	1.3374	.20590	.51721	.23142	3.1560	2.1010	.16215	1.0181
#3	1.3423	.20659	.51653	.23173	3.2147	2.0921	.16417	1.0073

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	3.2942	.08857	1.2780	.52682	1.3020	2.9409	25.500
Stddev	.0043	.00035	.0064	.00154	.0014	.0132	.152
%RSD	.13140	.39663	.50366	.29209	.10787	.44959	.59455

#1	3.2976	.08856	1.2813	.52615	1.3005	2.9264	25.650
#2	3.2957	.08823	1.2820	.52572	1.3025	2.9522	25.503
#3	3.2893	.08893	1.2705	.52858	1.3032	2.9443	25.346

Sample Name: S4 Acquired: 04/09/2019 12:21:10 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2514.2	3280.7	55589.	12166.	4024.2
Stddev	10.8	8.8	97.	62.	2.8
%RSD	.43026	.26861	.17375	.51027	.06899
#1	2512.0	3276.0	55593.	12133.	4025.0
#2	2526.0	3275.3	55684.	12127.	4021.1
#3	2504.7	3290.9	55491.	12237.	4026.4

Sample Name: S5 Acquired: 04/09/2019 12:25:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
User: BIN H 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	.39980	.63662	6.9058	.45085	1.3096	20.109	40.798	3.7096
Stddev	.00108	.00162	.0126	.00095	.0031	.038	.183	.0190
%RSD	.27021	.25398	.18288	.20980	.23899	.18876	.44817	.51155

#1	.39889	.63785	6.8994	.45015	1.3060	20.097	40.587	3.6951
#2	.39952	.63479	6.8976	.45047	1.3116	20.078	40.918	3.7311
#3	.40099	.63721	6.9203	.45192	1.3112	20.151	40.888	3.7026

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	10.101	15.421	4.1077	2.7963	4.0090	5.9966	13.440	4.5497
Stddev	.026	.023	.0068	.0059	.0090	.0056	.024	.0092
%RSD	.25325	.14737	.16447	.21019	.22544	.09384	.17934	.20299

#1	10.106	15.399	4.1015	2.7959	4.0035	5.9905	13.414	4.5394
#2	10.073	15.420	4.1068	2.7906	4.0040	5.9977	13.445	4.5573
#3	10.123	15.444	4.1149	2.8023	4.0194	6.0016	13.461	4.5523

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.6656	.42274	1.0389	.45866	6.5111	4.2853	.33486	2.0188
Stddev	.0063	.00124	.0018	.00120	.0337	.0056	.00057	.0102
%RSD	.23638	.29255	.17544	.26150	.51755	.13063	.16991	.50375

#1	2.6655	.42165	1.0373	.45772	6.5389	4.2817	.33542	2.0078
#2	2.6593	.42249	1.0387	.45825	6.4736	4.2825	.33428	2.0279
#3	2.6719	.42409	1.0409	.46001	6.5207	4.2918	.33489	2.0207

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	6.7100	.18297	2.5064	1.0585	2.5831	6.0185	51.148
Stddev	.0142	.00068	.0139	.0016	.0044	.0069	.669
%RSD	.21227	.37278	.55374	.15456	.17160	.11389	1.3084

#1	6.6946	.18219	2.4939	1.0589	2.5836	6.0234	50.378
#2	6.7127	.18332	2.5213	1.0567	2.5784	6.0107	51.470
#3	6.7227	.18341	2.5038	1.0599	2.5873	6.0215	51.595

Sample Name: S5 Acquired: 04/09/2019 12:25:06 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	2342.8	3035.0	54137.	11851.	3713.1
Stddev	6.5	1.2	309.	75.	7.5
%RSD	.27747	.03886	.57013	.63232	.20191
#1	2345.4	3033.7	54365.	11934.	3705.0
#2	2347.5	3035.2	54260.	11790.	3719.8
#3	2335.4	3036.1	53786.	11827.	3714.4

Sample Name: S6 Acquired: 04/09/2019 12:29:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: IR Corr. Factor: 1.000000
 User: BIN H 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	53.999	25.528	16.203	7.7311	2.9542
Stddev	.754	.129	.099	.0517	.0137
%RSD	1.3972	.50413	.60911	.66867	.46337

#1	53.137	25.442	16.089	7.6717	2.9406
#2	54.539	25.466	16.261	7.7555	2.9541
#3	54.321	25.676	16.259	7.7660	2.9680

Int. Std.	Y_3710
Units	Cts/S
Avg	11610.
Stddev	62.
%RSD	.53293

#1	11681.
#2	11572.
#3	11576.

Sample Name: ICV Acquired: 04/09/2019 12:33:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9344933	1.054065	.9894912	.9960015	1.003187	2.468434
Stddev	.0088001	.007326	.0010317	.0025995	.001359	.017009
%RSD	.9416977	.6950625	.1042623	.2609959	.1354429	.6890633

#1	.9248020	1.048605	.9902501	.9989648	1.001770	2.488017
#2	.9366931	1.051199	.9899071	.9949342	1.004479	2.457343
#3	.9419849	1.062391	.9883165	.9941055	1.003312	2.459942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5279311	.5102212	.4904723	10.69898	.5078359	.5206703
Stddev	.0011337	.0053373	.0010086	.12928	.0005546	.0009133
%RSD	.2147509	1.046077	.2056402	1.208374	.1092107	.1754058

#1	.5284683	.5157668	.4898842	10.83614	.5083886	.5196265
#2	.5266286	.5097770	.4898957	10.68142	.5072794	.5210620
#3	.5286964	.5051199	.4916369	10.57937	.5078396	.5213224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145823	4.880209	.5338829	6.116399	.5461497	.5352101
Stddev	.0039177	.043909	.0065526	.079573	.0003000	.0021326
%RSD	.7613277	.8997268	1.227350	1.300973	.0549331	.3984506

#1	.5175902	4.921010	.5412063	6.198901	.5459810	.5368664
#2	.5101522	4.885874	.5318679	6.110176	.5459720	.5328039
#3	.5160046	4.833743	.5285744	6.040121	.5464961	.5359599

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54418	.5423435	1.030622	10.57059	F .0051336	4.944454
Stddev	.11334	.0015606	.006093	.08233	.0007256	.051071
%RSD	1.074913	.2877539	.5912156	.7788688	14.13514	1.032898

#1	10.58453	.5440419	1.024115	10.65230	.0057948	4.994536
#2	10.63182	.5409726	1.031557	10.57181	.0043573	4.946377
#3	10.41618	.5420159	1.036193	10.48765	.0052485	4.892448

Sample Name: ICV Acquired: 04/09/2019 12:33:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.831609	F -.003140	5.069643	4.817984	5.114522	4.641974
Stddev	.011849	.003513	.039710	.016284	.025751	.015932
%RSD	.2452486	111.8602	.7832981	.3379824	.5034935	.3432142
#1	4.820511	-.005212	5.111607	4.802575	5.142411	4.660369
#2	4.830228	-.005125	5.064668	4.816355	5.109510	4.633006
#3	4.844089	.000916	5.032655	4.835021	5.091646	4.632549

Elem	Sr4077
Units	ppm
Avg	F .0143737
Stddev	.0001688
%RSD	1.174053
#1	.0145631
#2	.0142395
#3	.0143183

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.501	3660.769	58159.89	12408.10	4677.467
Stddev	11.060	6.267	123.37	138.56	8.419
%RSD	.4005222	.1712010	.2121183	1.116725	.1799920
#1	2753.099	3665.650	58023.59	12278.53	4681.866
#2	2757.372	3653.701	58192.20	12391.58	4667.759
#3	2774.032	3662.955	58263.90	12554.18	4682.775

Sample Name: ICB Acquired: 04/09/2019 12:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010940	-.001465	.0007231	-.000660	.0009563	.0061773
Stddev	.0006852	.000309	.0009239	.002387	.0009514	.0071135
%RSD	62.63413	21.10137	127.7536	361.7651	99.49640	115.1559

#1	.0003432	-.001809	-.000332	-.003033	.0011884	.0082645
#2	.0016856	-.001211	.001389	-.000687	-.000090	.0120137
#3	.0012530	-.001375	.001113	.001741	.001770	-.001746

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000451	-.000031	-.000015	.0042127	-.001178	.0003062
Stddev	.000441	.000030	.000121	.0072817	.000085	.0002671
%RSD	97.65615	96.17325	800.0799	172.8496	7.235775	87.22514

#1	.000057	-.000050	-.000115	-.004074	-.001083	.0005983
#2	-.000680	-.000046	-.000048	.007120	-.001247	.0000745
#3	-.000730	.000003	.000119	.009591	-.001206	.0002457

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003707	.0004609	-.000071	-.000003	.0001546	.0001227
Stddev	.0005928	.0027490	.000408	.005188	.0005244	.0005438
%RSD	159.8968	596.5186	572.0576	165867.3	339.1936	443.0866

#1	-.000222	-.001232	.000225	-.003588	.0006496	-.000428
#2	.000372	-.001018	.000098	.005945	-.000395	.000660
#3	.000963	.003633	-.000537	-.002367	.000209	.000136

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.141431	-.000663	-.000559	.0533128	-.001961	F -.023012
Stddev	.305503	.000973	.001835	.0090152	.001036	.000205
%RSD	216.0091	146.7288	328.3742	16.90994	52.83956	.8890742

#1	-.020012	-.000670	-.002658	.0433544	-.001631	-.022806
#2	-.488977	.000313	.000738	.0609180	-.001130	-.023015
#3	.084697	-.001633	.000244	.0556660	-.003122	-.023215

Sample Name: ICB Acquired: 04/09/2019 12:48:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000432	-.006890	-.000142	.0005433	.0002178	.0007130
Stddev	.000087	.005599	.000161	.0005730	.0008056	.0008709
%RSD	20.06226	81.26620	113.9856	105.4648	369.9575	122.1361

#1	-.000348	-.009329	-.000009	.0006796	-.000539	.0016314
#2	-.000521	-.010855	-.000094	-.000086	.000127	.0006084
#3	-.000425	-.000485	-.000321	.001036	.001065	-.000101

Elem	Sr4077
Units	ppm
Avg	-.000061
Stddev	.000044
%RSD	72.52975

#1	-.000082
#2	-.000010
#3	-.000089

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2774.706	3705.440	58316.90	12474.14	4724.207
Stddev	22.819	2.888	372.68	79.66	7.093
%RSD	.8224047	.0779507	.6390607	.6385635	.1501389

#1	2788.840	3704.413	58520.11	12413.51	4717.283
#2	2748.381	3703.206	57886.78	12444.57	4723.880
#3	2786.898	3708.702	58543.81	12564.36	4731.457

Sample Name: ICSA Acquired: 04/09/2019 12:57:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028942	.0070281	.0031528	-.019225	.0042056	236.4148
Stddev	.0012637	.0027863	.0024018	.002332	.0020409	.2738
%RSD	43.66144	39.64542	76.18003	12.13004	48.52760	.1158269

#1	.0043532	.0077457	.0052628	-.017089	.0033827	236.1345
#2	.0021473	.0093854	.0005391	-.021713	.0027046	236.6817
#3	.0021821	.0039532	.0036565	-.018873	.0065295	236.4281

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055647	.0009028	-.000524	251.4211	.0571603	.0012313
Stddev	.0009068	.0001454	.000035	.6344	.0002341	.0002808
%RSD	16.29631	16.10048	6.734030	.2523385	.4094895	22.80708

#1	.0053110	.0009558	-.000497	251.8612	.0572906	.0014287
#2	.0065713	.0010142	-.000563	251.7082	.0568901	.0009098
#3	.0048116	.0007384	-.000510	250.6939	.0573003	.0013554

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002898	102.4927	.0133707	254.2661	.0005913	-.008773
Stddev	.000749	.1606	.0003202	.4656	.0002343	.000313
%RSD	25.83969	.1567248	2.395077	.1831051	39.62017	3.572809

#1	-.002831	102.5468	.0131516	254.4490	.0008429	-.009109
#2	-.003677	102.6192	.0137382	254.6125	.0005515	-.008720
#3	-.002184	102.3120	.0132222	253.7369	.0003795	-.008489

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.075923	.0025538	-.000302	-.098426	.0080663	F -.016557
Stddev	.103523	.0021665	.002289	.077371	.0027039	.001985
%RSD	136.3528	84.83485	758.8973	78.60771	33.52113	11.98785

#1	.002947	.0024759	-.000070	-.186671	.0050707	-.014316
#2	-.037566	.0047581	.001863	-.066378	.0103263	-.018092
#3	-.193151	.0004273	-.002698	-.042229	.0088020	-.017264

Sample Name: ICSA Acquired: 04/09/2019 12:57:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000257	-.001804	-.004137	-.001225	-.003557	.0086161
Stddev	.000547	.002569	.000987	.001013	.001030	.0005215
%RSD	212.6066	142.4179	23.86012	82.72625	28.97228	6.052129

#1	-.000070	-.004186	-.004076	-.002215	-.003424	.0090434
#2	-.000873	.000918	-.003181	-.001271	-.004647	.0087697
#3	.000172	-.002144	-.005152	-.000189	-.002599	.0080350

Elem	Sr4077
Units	ppm
Avg	.1022600
Stddev	.0001994
%RSD	.1950104

#1	.1021975
#2	.1020993
#3	.1024832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.836	3448.693	56530.11	12140.49	4204.851
Stddev	12.542	3.968	140.51	32.17	9.000
%RSD	.4758084	.1150559	.2485581	.2649776	.2140486

#1	2628.874	3445.983	56373.38	12143.98	4214.670
#2	2628.320	3446.849	56644.80	12106.72	4202.891
#3	2650.315	3453.247	56572.15	12170.78	4196.992

Sample Name: ICSAB Acquired: 04/09/2019 13:14:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835521	.1046625	.0485958	.0228122	.5926193	233.1410
Stddev	.0029134	.0022908	.0021312	.0045783	.0051197	.2230
%RSD	3.486885	2.188761	4.385537	20.06960	.8639110	.0956349

#1	.0811763	.1070052	.0462731	.0263977	.5924645	232.9731
#2	.0826773	.1045547	.0504612	.0243840	.5978147	233.3939
#3	.0868026	.1024274	.0490530	.0176551	.5875788	233.0558

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187747	.4790004	.9238045	248.4643	.5225150	.4981097
Stddev	.0012205	.0025489	.0009250	.8244	.0010896	.0006528
%RSD	.2352747	.5321240	.1001341	.3317902	.2085218	.1310517

#1	.5190830	.4770400	.9235465	247.5622	.5237142	.4980829
#2	.5198116	.4818818	.9230358	248.6523	.5222448	.4974707
#3	.5174296	.4780795	.9248311	249.1785	.5215860	.4987754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4681746	101.6971	.5248395	250.4448	.9980120	.1913971
Stddev	.0013469	.3294	.0005963	.4863	.0017982	.0011045
%RSD	.2877011	.3239086	.1136187	.1941719	.1801770	.5770754

#1	.4675598	101.3336	.5244624	249.8886	.9983428	.1923161
#2	.4672447	101.7819	.5245291	250.6562	.9960714	.1901718
#3	.4697192	101.9758	.5255270	250.7897	.9996219	.1917036

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.307375	.5003556	.9915617	-.099927	.0028105	F -.022114
Stddev	.210208	.0021576	.0059456	.036267	.0045267	.001632
%RSD	68.38811	.4312150	.5996240	36.29369	161.0635	7.379087

#1	-.247983	.5021476	.9904063	-.059052	.0029546	-.020652
#2	-.540890	.4979607	.9862786	-.112475	.0072634	-.023875
#3	-.133253	.5009585	.9980003	-.128255	-.001787	-.021817

Sample Name: ICSAB Acquired: 04/09/2019 13:14:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003532	.0049446	-.002489	-.001220	-.003481	.0067561
Stddev	.0001126	.0048303	.000397	.001593	.000527	.0014550
%RSD	31.87272	97.68802	15.96585	130.5661	15.14922	21.53679

#1	.0003843	.0096201	-.002041	-.001804	-.002948	.0060951
#2	.0002283	.0052407	-.002798	.000583	-.003491	.0057488
#3	.0004469	-.000027	-.002629	-.002438	-.004003	.0084243

Elem	Sr4077
Units	ppm
Avg	.1012598
Stddev	.0002157
%RSD	.2130184

#1	.1015084
#2	.1011491
#3	.1011219

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.744	3461.973	56396.32	12215.58	4212.625
Stddev	15.050	8.769	391.47	29.02	4.594
%RSD	.5760274	.2532948	.6941412	.2375328	.1090436

#1	2599.616	3456.298	56067.47	12246.69	4211.825
#2	2629.169	3457.548	56829.34	12189.25	4208.484
#3	2609.447	3472.072	56292.17	12210.81	4217.566

Sample Name: CCV070 Acquired: 04/09/2019 13:18:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.882092	4.890402	24.63986	4.722288	4.879176	419.1465	10.13157
Stddev	.018657	.030976	.06890	.013295	.012873	1.0418	.01083
%RSD	.3821530	.6334080	.2796320	.2815411	.2638277	.2485575	.1069223

#1	4.885253	4.854642	24.56522	4.708413	4.872384	418.0187	10.12044
#2	4.862056	4.907639	24.70102	4.723534	4.871122	419.3476	10.13218
#3	4.898966	4.908926	24.65335	4.734916	4.894022	420.0730	10.14208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062970	2.482303	417.6963	15.17993	2.515587	15.12103	432.0657
Stddev	.0032583	.005844	1.2079	.03942	.007940	.03073	1.4013
%RSD	.6435480	.2354380	.2891921	.2596894	.3156320	.2031969	.3243191

#1	.5089243	2.476346	416.5330	15.22543	2.510557	15.08978	430.8186
#2	.5026511	2.488028	417.6114	15.15850	2.524740	15.12211	431.7965
#3	.5073155	2.482535	418.9444	15.15587	2.511464	15.15120	433.5821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22512	409.1350	2.502689	1.253782	411.5264	2.491695	14.78427
Stddev	.07930	1.0629	.004990	.005927	1.0262	.004960	.15079
%RSD	.5208187	.2597948	.1993733	.4727244	.2493758	.1990532	1.019962

#1	15.14030	408.4407	2.498615	1.248720	410.3889	2.488617	14.61144
#2	15.23766	408.6056	2.508255	1.252325	411.8076	2.497417	14.88898
#3	15.29740	410.3586	2.501198	1.260302	412.3827	2.489052	14.85240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1001	5.073737	5.081201	4.854193	5.039262	5.070728	4.991574
Stddev	.3251	.007559	.028673	.016700	.025947	.039347	.005651
%RSD	.2109986	.1489914	.5642940	.3440348	.5149009	.7759733	.1132016

#1	153.9100	5.068802	5.091664	4.842680	5.011660	5.102980	4.987250
#2	153.9148	5.082439	5.048767	4.846552	5.063156	5.026888	4.997967
#3	154.4756	5.069969	5.103174	4.873347	5.042969	5.082315	4.989503

Sample Name: CCV070 Acquired: 04/09/2019 13:18:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV070 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015246	5.078704	5.017594
Stddev	.011663	.014577	.014485
%RSD	.2325576	.2870303	.2886776

#1	5.002387	5.063304	5.001418
#2	5.018210	5.080519	5.029365
#3	5.025142	5.092288	5.021999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.390	3156.157	54076.08	11726.13	3767.284
Stddev	18.537	8.597	210.86	50.32	7.212
%RSD	.7589772	.2723993	.3899259	.4291132	.1914442

#1	2463.766	3160.385	54287.88	11693.06	3774.800
#2	2430.747	3161.823	53866.18	11784.04	3760.420
#3	2432.656	3146.265	54074.19	11701.29	3766.632

Sample Name: CCB070 Acquired: 04/09/2019 13:22:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000968	-.000654	.0010390	-.001255	-.000129	.0104213
Stddev	.002263	.000727	.0021559	.001567	.001725	.0087480
%RSD	233.9011	111.1117	207.4862	124.8178	1340.041	83.94295

#1	-.003547	-.000850	.0032265	-.002376	-.000195	.0193963
#2	-.000039	.000150	.0009743	.000535	-.001819	.0099481
#3	.000684	-.001263	-.001084	-.001924	.001629	.0019196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000248	.0000635	.0000085	.0097253	-.001221	.0004114
Stddev	.000446	.0000851	.0000516	.0137858	.000312	.0000555
%RSD	180.2212	133.9116	606.9978	141.7520	25.52718	13.50073

#1	-.000651	.0001033	-.000004	.0063154	-.001536	.0004072
#2	.000232	.0001214	.000065	-.002036	-.000913	.0003581
#3	-.000323	-.000034	-.000036	.024896	-.001213	.0004689

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005923	.0058268	-.000092	.0038727	.0002725	.0003211
Stddev	.0011327	.0032355	.000414	.0164091	.0002933	.0003758
%RSD	191.2422	55.52866	449.4237	423.7056	107.6257	117.0558

#1	.0006513	.0042309	.000383	.0224213	.0000778	.0007242
#2	-.000569	.0036993	-.000380	-.008751	.0001299	-.000020
#3	.001694	.0095503	-.000279	-.002052	.0006098	.000259

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137742	.0007417	.0003779	.0310542	-.001020	F -.027314
Stddev	.158856	.0012695	.0011877	.0194014	.001734	.000976
%RSD	115.3286	171.1695	314.3335	62.47579	170.0505	3.573142

#1	-.176824	.0007003	.0016690	.0526846	.000599	-.028054
#2	-.273410	.0020315	-.000668	.0252895	-.000809	-.027681
#3	.037007	-.000507	.000133	.0151885	-.002850	-.026208

Sample Name: CCB070 Acquired: 04/09/2019 13:22:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB070 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000149	-.000472	-.002762	.0013265	.0000666	.0000577
Stddev	.000155	.005724	.000175	.0005146	.0004301	.0008927
%RSD	104.3307	1213.704	6.325172	38.79431	645.8227	1548.176

#1	.000028	.001288	-.002640	.0009679	.0004571	.0003007
#2	-.000214	-.006869	-.002685	.0019162	.0001371	.0008037
#3	-.000260	.004166	-.002962	.0010955	-.000394	-.000931

Elem	Sr4077
Units	ppm
Avg	.0000166
Stddev	.0000246
%RSD	148.7328

#1	.0000393
#2	.0000200
#3	-.000010

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2805.825	3733.745	59100.30	12612.35	4774.487
Stddev	3.377	2.125	182.42	30.11	3.572
%RSD	.1203501	.0569168	.3086632	.2387153	.0748123

#1	2809.120	3734.919	58934.79	12598.36	4778.307
#2	2805.985	3735.024	59295.89	12646.90	4773.921
#3	2802.372	3731.292	59070.21	12591.78	4771.231

Sample Name: PB118633BL Acquired: 04/09/2019 13:26:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000818	-.000550	.0005365	.0004352	.0005999	.0089586
Stddev	.001067	.000828	.0002773	.0017337	.0001631	.0053404
%RSD	130.4485	150.6297	51.68559	398.4035	27.18956	59.61211

#1	.000289	.000065	.0007923	.0023682	.0006230	.0038980
#2	-.001839	-.001491	.0002418	-.000982	.0007502	.0084372
#3	-.000903	-.000223	.0005755	-.000080	.0004264	.0145405

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000696	-.000079	-.000025	-.000388	-.001728	-.000045
Stddev	.000643	.000144	.000076	.008742	.000358	.000061
%RSD	92.36084	182.1667	306.0853	2252.208	20.74397	135.8465

#1	-.001439	-.000071	-.000071	-.000638	-.001922	-.000114
#2	-.000325	-.000228	-.000067	-.009003	-.001947	-.000001
#3	-.000325	.000061	.000063	.008476	-.001314	-.000019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004821	-.002523	.0002438	-.015201	-.000161	-.000081
Stddev	.0005640	.005762	.0002046	.015657	.000178	.000451
%RSD	117.0056	228.3504	83.92726	103.0031	111.0812	557.1753

#1	.0002294	.001878	.0001460	-.010037	-.000040	.000020
#2	.0000885	-.009045	.0001065	-.002778	-.000076	-.000574
#3	.0011283	-.000403	.0004789	-.032787	-.000365	.000311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275822	-.000880	.0004538	.0271826	-.002108	F -.032908
Stddev	.2314158	.003481	.0008349	.0959571	.002411	.000749
%RSD	839.0049	395.3721	183.9788	353.0090	114.3489	2.274593

#1	-.138502	.000757	.0010959	-.049115	-.004721	-.033507
#2	-.070664	-.004878	-.000490	.134914	.000030	-.033150
#3	.291912	.001480	.000756	-.004251	-.001633	-.032069

Sample Name: PB118633BL Acquired: 04/09/2019 13:26:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBW633 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	-.005300	-.002244	.0001485	.0007671	.0004060
Stddev	.000052	.002892	.004448	.0005170	.0017027	.0017803
%RSD	51.00712	54.56821	198.1928	348.2451	221.9489	438.5186

#1	-.000043	-.006404	.002831	.0003067	-.001189	.0021659
#2	-.000143	-.007478	-.005465	.0005679	.001914	-.001394
#3	-.000121	-.002019	-.004100	-.000429	.001577	.000446

Elem	Sr4077
Units	ppm
Avg	-.000005
Stddev	.000036
%RSD	717.5873

#1	-.000045
#2	.000004
#3	.000026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.100	3703.167	60133.19	12537.89	4717.675
Stddev	117.352	3.187	2628.79	35.51	7.377
%RSD	4.107379	.0860490	4.371607	.2832514	.1563702

#1	2779.019	3701.083	58515.05	12532.41	4716.215
#2	2800.229	3706.835	58718.13	12505.44	4711.137
#3	2992.052	3701.582	63166.38	12575.83	4725.673

Sample Name: PB118657BL Acquired: 04/09/2019 13:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW657 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002231	-.001385	.0001999	-.000745	.0006381	-.000611
Stddev	.002206	.002324	.0015448	.002279	.0019230	.005879
%RSD	98.87047	167.8365	772.6433	305.8953	301.3335	962.1495

#1	-.000241	.000080	.0018451	-.002268	-.001265	-.000210
#2	-.001850	-.000169	-.001220	.001875	.000599	.005057
#3	-.004603	-.004065	-.000025	-.001843	.002580	-.006680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000489	-.000030	-.000087	-.000944	-.002085	.0002835
Stddev	.000625	.000079	.000007	.016661	.000284	.0000735
%RSD	127.7433	261.5732	8.324222	1764.538	13.62381	25.93899

#1	-.000374	-.000055	-.000081	.001880	-.002234	.0003192
#2	.000070	.000058	-.000095	-.018837	-.002264	.0003324
#3	-.001163	-.000094	-.000085	.014124	-.001758	.0001989

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001620	-.000989	-.000051	.0000436	.0001369	.0002162
Stddev	.0002289	.005512	.000404	.0198985	.0004132	.0003308
%RSD	141.3644	557.5155	785.4515	45654.17	301.6790	152.9710

#1	-.000065	-.007197	-.000484	.0179653	.0006140	.0003704
#2	.000159	.000900	.000316	-.021370	-.000106	-.000163
#3	.000393	.003330	.000014	.003535	-.000098	.000442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.065098	.0015548	.0003941	-.014362	.0014957	F -.037640
Stddev	.385557	.0022683	.0013651	.018590	.0012262	.001201
%RSD	592.2702	145.8889	346.3831	129.4371	81.98003	3.190537

#1	.000780	.0007474	-.000767	.004047	.0012411	-.038287
#2	-.479350	-.000199	.000052	-.014006	.0004168	-.036254
#3	.283275	.004116	.001898	-.033127	.0028293	-.038379

Sample Name: PB118657BL Acquired: 04/09/2019 13:35:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBW657 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000532	.0013770	-.003656	.0002964	-.000468	-.000414
Stddev	.000062	.0027392	.000646	.0007560	.001033	.001507
%RSD	11.66709	198.9199	17.66877	255.0336	220.7984	364.2052

#1	-.000589	.0044993	-.003647	.0010245	-.000094	.000202
#2	-.000542	-.000622	-.003014	-.000485	-.001636	.000688
#3	-.000466	.000254	-.004306	.000349	.000326	-.002131

Elem	Sr4077
Units	ppm
Avg	-.000158
Stddev	.000052
%RSD	33.05769

#1	-.000140
#2	-.000217
#3	-.000117

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.376	3704.935	58514.61	12526.33	4740.776
Stddev	12.282	2.313	240.79	11.71	2.661
%RSD	.4406240	.0624189	.4115060	.0934768	.0561307

#1	2773.470	3704.996	58299.79	12535.39	4740.388
#2	2796.741	3707.217	58774.89	12530.49	4743.609
#3	2791.916	3702.593	58469.14	12513.11	4738.330

Sample Name: PB118657BS Acquired: 04/09/2019 13:39:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS657 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157306	.0473810	.0191426	.0505689	.1160098	.3902156
Stddev	.0007173	.0012360	.0022335	.0017518	.0023693	.0096181
%RSD	4.559588	2.608722	11.66772	3.464132	2.042362	2.464807

#1	.0163644	.0481976	.0204001	.0496136	.1137065	.3930924
#2	.0149520	.0479865	.0204638	.0525907	.1184401	.3980669
#3	.0158753	.0459590	.0165638	.0495025	.1158830	.3794874

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4007518	.0096894	.0095100	10.32013	.0161406	.0954821
Stddev	.0006639	.0001716	.0000498	.03339	.0001040	.0001545
%RSD	.1656605	1.771060	.5235681	.3235122	.6443658	.1617829

#1	.4005820	.0095260	.0095623	10.31895	.0160266	.0953308
#2	.4014841	.0096742	.0095045	10.35409	.0161646	.0954761
#3	.4001894	.0098681	.0094632	10.28735	.0162304	.0956396

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451794	.1505511	.0314906	9.651049	.0796288	.0194815
Stddev	.0021271	.0099701	.0001665	.021847	.0000750	.0006603
%RSD	4.708088	6.622391	.5287029	.2263738	.0942025	3.389635

#1	.0428939	.1569934	.0313467	9.626549	.0797001	.0198797
#2	.0471011	.1555928	.0316729	9.668505	.0796357	.0198455
#3	.0455433	.1390670	.0314521	9.658095	.0795506	.0187192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.596065	.1033135	.1158086	9.434423	.0148859	.1424764
Stddev	.112085	.0021093	.0016483	.120376	.0011095	.0007423
%RSD	1.168030	2.041604	1.423279	1.275924	7.453437	.5210201

#1	9.707410	.1030147	.1175479	9.344652	.0136092	.1433121
#2	9.483255	.1055562	.1142697	9.571212	.0156169	.1422235
#3	9.597532	.1013695	.1156081	9.387406	.0154315	.1418936

Sample Name: PB118657BS Acquired: 04/09/2019 13:39:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS657 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187644	.1625644	.1846810	F .0631799	.1960743	.0277132
Stddev	.0000873	.0013690	.0017620	.0007070	.0007604	.0005115
%RSD	.4654889	.8421014	.9540616	1.119105	.3877987	1.845794
#1	.0187927	.1623890	.1836908	.0636821	.1956897	.0283032
#2	.0188342	.1612917	.1867153	.0634863	.1955830	.0273934
#3	.0186665	.1640127	.1836369	.0623713	.1969501	.0274431

Elem	Sr4077
Units	ppm
Avg	.2039480
Stddev	.0003961
%RSD	.1942126
#1	.2035502
#2	.2043423
#3	.2039515

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.930	3639.476	58114.42	12523.99	4703.912
Stddev	5.881	1.737	325.32	96.89	7.539
%RSD	.2140121	.0477317	.5597906	.7736012	.1602703
#1	2743.290	3637.725	57837.88	12565.69	4695.447
#2	2745.956	3639.503	58032.50	12413.24	4709.904
#3	2754.544	3641.199	58472.86	12593.04	4706.385

Sample Name: K2123-19 Acquired: 04/09/2019 13:43:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201341	.0038353	.0030730	-.001979	-.001444	.0241879	.1076364
Stddev	.0027828	.0013319	.0003612	.001974	.001590	.0058989	.0002668
%RSD	13.82161	34.72603	11.75402	99.75629	110.0696	24.38767	.2478656

#1	.0190123	.0022983	.0034254	-.000230	-.003099	.0204176	.1079018
#2	.0180872	.0045579	.0030899	-.004119	-.001305	.0211603	.1073683
#3	.0233027	.0046497	.0027036	-.001587	.000071	.0309858	.1076391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004004	-.000016	55.09732	.0082168	.0005970	.0011135	.1874217
Stddev	.0000599	.000061	.33338	.0012822	.0004612	.0010288	.0011188
%RSD	14.95757	374.6863	.6050726	15.60484	77.24690	92.39276	.5969278

#1	.0003498	.000049	55.20103	.0067700	.0001157	.0000298	.1883900
#2	.0004665	-.000072	54.72441	.0092126	.0010349	.0012340	.1861970
#3	.0003849	-.000026	55.36652	.0086678	.0006404	.0020768	.1876781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282969	29.58438	.0231714	.0003526	17.76936	.0011501	.0070748
Stddev	.0009002	.09128	.0006511	.0000649	.17497	.0032537	.0008345
%RSD	.7016556	.3085566	2.809712	18.41472	.9846840	282.9072	11.79569

#1	.1280154	29.54708	.0224921	.0004191	17.59323	.0018182	.0080125
#2	.1275712	29.51766	.0237900	.0002893	17.94316	.0040179	.0064135
#3	.1293043	29.68841	.0232320	.0003494	17.77170	-.002386	.0067986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9404390	.0143588	9.139211	.0200538	14.24723	8.742477	-.000330
Stddev	.0542865	.0023922	.036782	.0003437	.05801	.027053	.000530
%RSD	5.772464	16.65981	.4024620	1.714008	.4071448	.3094486	160.7631

#1	.9123176	.0116171	9.116314	.0204500	14.19593	8.713749	-.000941
#2	.9059825	.0154388	9.119681	.0198763	14.23558	8.746216	-.000059
#3	1.003017	.0160205	9.181639	.0198352	14.31017	8.767467	.000010

Sample Name: K2123-19 Acquired: 04/09/2019 13:43:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000004	.0120385	2.714795
Stddev	.000839	.0018464	.003203
%RSD	18863.19	15.33707	.1179962

#1	-.000370	.0099239	2.714488
#2	-.000599	.0128605	2.711756
#3	.000955	.0133311	2.718141

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2886.048	3768.114	60508.69	13030.66	4805.763
Stddev	3.446	8.200	109.96	38.83	5.401
%RSD	.1194077	.2176248	.1817232	.2979975	.1123910

#1	2885.371	3759.650	60405.11	13026.50	4811.666
#2	2889.782	3776.023	60624.08	13071.40	4804.554
#3	2882.990	3768.668	60496.88	12994.07	4801.069

Sample Name: K2123-20 Acquired: 04/09/2019 13:47:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B54D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173174	.0026068	.0040646	-.003891	-.001134	.0176912	.1082089
Stddev	.0004849	.0022657	.0013208	.002191	.001180	.0044401	.0003320
%RSD	2.800003	86.91326	32.49414	56.30041	104.0624	25.09797	.3067694

#1	.0174585	.0001622	.0045348	-.004998	-.002389	.0131555	.1085855
#2	.0177160	.0046360	.0025731	-.001368	-.000968	.0178888	.1080823
#3	.0167776	.0030222	.0050859	-.005308	-.000046	.0220292	.1079588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003280	.0000207	55.47481	.0073319	.0004925	-.001980	.1825911
Stddev	.0000507	.0000706	.23969	.0005504	.0003810	.001886	.0080107
%RSD	15.45847	341.5701	.4320755	7.506887	77.36906	95.23911	4.387215

#1	.0002756	.0000028	55.36510	.0079612	.0004295	.000149	.1766715
#2	.0003768	-.000039	55.74973	.0069401	.0009011	-.003440	.1917064
#3	.0003317	.000099	55.30961	.0070944	.0001469	-.002649	.1793955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1290188	29.74141	.0231522	.0003977	17.81264	.0007543	.0048230
Stddev	.0004372	.07384	.0007069	.0005384	.20710	.0013947	.0000506
%RSD	.3388896	.2482858	3.053377	135.3771	1.162676	184.9113	1.049113

#1	.1288281	29.72231	.0227410	.0002611	17.59830	-.000519	.0048592
#2	.1295190	29.82293	.0239684	.0009913	18.01166	.000537	.0047652
#3	.1287093	29.67899	.0227470	-.000059	17.82795	.002245	.0048447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9018422	.0127785	9.200630	.0202888	14.33849	8.768392	-.001070
Stddev	.0235316	.0011507	.019583	.0006370	.02326	.031168	.000256
%RSD	2.609277	9.004989	.2128430	3.139450	.1622045	.3554640	23.92580

#1	.9151887	.0116000	9.220810	.0209792	14.31224	8.803608	-.000775
#2	.8746717	.0138993	9.181705	.0197240	14.34670	8.744352	-.001209
#3	.9156661	.0128363	9.199374	.0201631	14.35653	8.757216	-.001227

Sample Name: K2123-20 Acquired: 04/09/2019 13:47:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B54D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002312	.0107071	2.730235
Stddev	.0006897	.0019275	.001672
%RSD	298.3328	18.00216	.0612326

#1	-.000311	.0128449	2.732008
#2	-.000003	.0101746	2.730009
#3	.001007	.0091018	2.728687

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2863.411	3743.279	59899.87	12919.71	4769.111
Stddev	9.392	11.364	242.09	18.37	6.730
%RSD	.3279850	.3035815	.4041654	.1421760	.1411144

#1	2872.426	3731.280	60036.33	12899.13	4766.231
#2	2853.684	3753.877	59620.35	12925.52	4776.802
#3	2864.124	3744.680	60042.93	12934.46	4764.301

Sample Name: PB118633BS Acquired: 04/09/2019 13:51:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS633 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150831	.0443601	.0175871	.0530048	.1121138	.3806274
Stddev	.0025010	.0003680	.0013317	.0017446	.0005544	.0060796
%RSD	16.58158	.8296266	7.571915	3.291407	.4944799	1.597252

#1	.0158466	.0444874	.0162939	.0520391	.1118379	.3736125
#2	.0122893	.0439453	.0175133	.0550187	.1117515	.3843681
#3	.0171133	.0446475	.0189542	.0519566	.1127520	.3839015

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3859960	.0093187	.0092737	9.851969	.0156674	.0937678
Stddev	.0011307	.0002113	.0000758	.066329	.0004252	.0002815
%RSD	.2929394	2.267723	.8170394	.6732557	2.713659	.3002271

#1	.3848590	.0092872	.0091984	9.886871	.0157588	.0934709
#2	.3860087	.0095440	.0093499	9.893560	.0160395	.0938016
#3	.3871204	.0091248	.0092728	9.775477	.0152040	.0940308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430404	.1433740	.0306818	9.164609	.0777390	.0187142
Stddev	.0001502	.0025520	.0001800	.050836	.0001180	.0005862
%RSD	.3488766	1.779948	.5867643	.5546957	.1518118	3.132285

#1	.0429870	.1461110	.0306393	9.188086	.0778694	.0188182
#2	.0432099	.1410600	.0305268	9.199464	.0776396	.0192414
#3	.0429242	.1429509	.0308793	9.106278	.0777080	.0180830

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.547973	.0981765	.1111930	9.012601	.0173295	.1788189
Stddev	.181919	.0033241	.0011083	.041151	.0030702	.0035284
%RSD	1.905318	3.385834	.9967092	.4565995	17.71646	1.973165

#1	9.366891	.1019719	.1099317	8.966908	.0141168	.1795786
#2	9.730718	.0967747	.1116364	9.024153	.0176379	.1819056
#3	9.546310	.0957830	.1120110	9.046741	.0202338	.1749726

Sample Name: PB118633BS Acquired: 04/09/2019 13:51:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS633 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182553	.1550575	.1764053	F .0623144	.1876779	.0261900
Stddev	.0002654	.0031193	.0011288	.0008455	.0011665	.0020595
%RSD	1.453692	2.011671	.6398992	1.356758	.6215241	7.863548
#1	.0179953	.1517345	.1755947	.0624646	.1874119	.0278567
#2	.0182449	.1555155	.1776946	.0630746	.1889543	.0268258
#3	.0185257	.1579223	.1759266	.0614039	.1866673	.0238876

Elem	Sr4077
Units	ppm
Avg	.1960033
Stddev	.0001820
%RSD	.0928519
#1	.1962021
#2	.1959628
#3	.1958450

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.360	3681.746	58477.57	12694.90	4741.052
Stddev	9.283	6.123	280.41	66.21	8.714
%RSD	.3361637	.1663062	.4795235	.5215137	.1838094
#1	2751.200	3674.677	58330.46	12647.50	4732.919
#2	2769.398	3685.381	58800.93	12666.65	4739.986
#3	2763.481	3685.181	58301.33	12770.54	4750.250

Sample Name: K2123-21 Acquired: 04/09/2019 13:55:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B54S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558508	.0589049	.0235710	.0089909	.1069345	1.906119	2.216516
Stddev	.0018871	.0009704	.0017710	.0042050	.0005007	.011243	.002808
%RSD	3.378854	1.647441	7.513407	46.76937	.4682269	.5898622	.1266659

#1	.0537336	.0581939	.0215673	.0128654	.1066957	1.917806	2.219545
#2	.0573558	.0585104	.0242190	.0095881	.1075099	1.905172	2.216000
#3	.0564630	.0600105	.0249268	.0045193	.1065979	1.895379	2.214001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530868	.0497718	53.97117	.1981927	.5127478	.2407977	1.079058
Stddev	.0003540	.0001034	.30917	.0010088	.0012972	.0041295	.012964
%RSD	.6667861	.2077896	.5728420	.5090015	.2529842	1.714914	1.201424

#1	.0533505	.0498902	54.32067	.1970415	.5123376	.2442407	1.093751
#2	.0532253	.0496993	53.73336	.1989221	.5117053	.2419330	1.074191
#3	.0526845	.0497259	53.85949	.1986146	.5142005	.2362193	1.069232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6494809	29.00569	.5459480	.0519622	17.30022	.5212731	.5159625
Stddev	.0035303	.16634	.0010118	.0005581	.17903	.0026354	.0027552
%RSD	.5435648	.5734734	.1853245	1.073978	1.034869	.5055713	.5339952

#1	.6531582	29.18227	.5448258	.0522856	17.40983	.5227830	.5139259
#2	.6461186	28.85196	.5462276	.0522832	17.09362	.5182300	.5148641
#3	.6491658	28.98283	.5467905	.0513178	17.39720	.5228062	.5190975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9137685	.0129116	9.433379	.0196930	14.00565	8.543867	-.000928
Stddev	.0589480	.0009273	.058297	.0000971	.03978	.058395	.001811
%RSD	6.451091	7.181557	.6179902	.4928957	.2840610	.6834730	195.1274

#1	.9069044	.0139644	9.433989	.0197809	13.99182	8.561076	-.002816
#2	.8585530	.0125539	9.491369	.0197091	13.97462	8.591724	.000794
#3	.9758481	.0122165	9.374779	.0195888	14.05050	8.478801	-.000762

Sample Name: K2123-21 Acquired: 04/09/2019 13:55:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B54S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000202	.1118104	2.659998
Stddev	.0005246	.0013703	.005552
%RSD	2592.857	1.225589	.2087151

#1	-.000330	.1107477	2.666300
#2	.000623	.1133570	2.655828
#3	-.000233	.1113265	2.657867

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.495	3766.862	60380.85	13020.97	4776.864
Stddev	17.485	3.959	370.30	37.05	7.180
%RSD	.6065923	.1050961	.6132667	.2845617	.1503069

#1	2892.106	3771.102	60794.08	13008.49	4774.229
#2	2893.068	3763.263	60269.36	12991.76	4784.989
#3	2862.313	3766.220	60079.11	13062.65	4771.374

Sample Name: K2123-19LX5 Acquired: 04/09/2019 13:59:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B54L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032225	.0014054	.0022977	.0002671	.0000288	.0257171	.0204579
Stddev	.0020654	.0021362	.0016234	.0039221	.0011488	.0049549	.0008762
%RSD	64.09351	151.9943	70.65257	1468.590	3994.057	19.26676	4.282746

#1	.0055115	.0013285	.0010509	-.003817	-.001127	.0218595	.0196304
#2	.0014980	-.000691	.0041334	.004003	.001170	.0239868	.0213757
#3	.0026579	.003579	.0017089	.000615	.000043	.0313051	.0203677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001901	-.000011	11.24584	-.000471	.0000440	-.000278	.0485088
Stddev	.0000236	.000018	.04490	.000708	.0000758	.001537	.0065188
%RSD	12.39705	170.2845	.3992730	150.3996	172.1012	552.4033	13.43850

#1	.0001927	.000004	11.26554	-.001078	.0001085	.001410	.0497916
#2	.0002122	-.000031	11.19446	-.000643	.0000630	-.000648	.0414439
#3	.0001653	-.000005	11.27753	.000307	-.000039	-.001596	.0542909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260980	5.982839	.0047812	.0003105	3.600902	-.000041	.0005111
Stddev	.0000167	.052424	.0002341	.0004832	.100693	.000721	.0006076
%RSD	.0641407	.8762337	4.896712	155.6072	2.796322	1757.556	118.8744

#1	.0261173	6.041982	.0049852	.0000548	3.574005	-.000695	.0003895
#2	.0260873	5.942093	.0045256	.0008678	3.516390	-.000159	-.000026
#3	.0260894	5.964444	.0048328	.0000090	3.712313	.000732	.001170

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3167109	.0029479	1.800468	.0041210	2.690326	1.696237	.0002056
Stddev	.0408061	.0010735	.009090	.0001449	.020585	.009143	.0007687
%RSD	12.88433	36.41459	.5048483	3.515227	.7651582	.5390064	373.8503

#1	.3378089	.0033053	1.790695	.0041468	2.668992	1.688001	-.000638
#2	.2696750	.0017413	1.802037	.0042511	2.691916	1.694637	.000390
#3	.3426487	.0037970	1.808670	.0039649	2.710070	1.706075	.000865

Sample Name: K2123-19LX5 Acquired: 04/09/2019 13:59:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B54L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008802	.0077162	.5507346
Stddev	.0002213	.0004336	.0016373
%RSD	25.14341	5.619686	.2972968

#1	.0011293	.0076041	.5496414
#2	.0007064	.0081948	.5499454
#3	.0008048	.0073496	.5526171

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.398	3675.586	58580.74	12646.23	4679.072
Stddev	17.926	4.503	324.60	31.43	6.625
%RSD	.6438053	.1225233	.5540990	.2485011	.1415933

#1	2764.696	3680.746	58349.70	12682.28	4684.969
#2	2788.752	3672.446	58440.66	12631.80	4671.903
#3	2799.746	3673.567	58951.85	12624.62	4680.345

Sample Name: K2165-06 Acquired: 04/09/2019 14:03:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052705	.0017051	.0033741	-.004660	-.001810	-.014651	.1009145
Stddev	.0036206	.0009390	.0007950	.002444	.001032	.000872	.0001111
%RSD	68.69580	55.06798	23.56185	52.45847	56.99890	5.949015	.1100924

#1	.0034097	.0011437	.0042095	-.007373	-.000634	-.014156	.1009462
#2	.0029586	.0011826	.0032860	-.003975	-.002236	-.015657	.1010062
#3	.0094430	.0027891	.0026269	-.002630	-.002561	-.014140	.1007909

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003641	-.000066	60.88437	-.001799	-.000278	-.000878	-.027466
Stddev	.0000615	.000058	.19270	.000424	.000194	.002497	.007074
%RSD	16.89915	87.41375	.3165010	23.57757	69.80286	284.2765	25.75619

#1	.0003097	-.000026	60.99583	-.001336	-.000430	.000988	-.019579
#2	.0003516	-.000040	60.66186	-.001893	-.000344	.000092	-.029568
#3	.0004308	-.000133	60.99543	-.002169	-.000060	-.003715	-.033251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002590	23.54277	.0014136	.0010068	15.90921	.0008431	.0082857
Stddev	.0003628	.03118	.0003349	.0000360	.25792	.0018692	.0010739
%RSD	140.0680	.1324575	23.69372	3.579923	1.621198	221.7050	12.96137

#1	-.000139	23.50816	.0015861	.0010476	15.79029	.0006943	.0074060
#2	.000572	23.55149	.0010276	.0009933	15.73219	-.000947	.0094825
#3	.000343	23.56867	.0016272	.0009794	16.20513	.002782	.0079686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9456619	.0132548	1.387116	.0010199	10.35349	7.593784	-.001754
Stddev	.0280766	.0027188	.005081	.0000997	.01932	.034063	.000367
%RSD	2.968985	20.51169	.3662769	9.777133	.1866353	.4485596	20.91514

#1	.9688933	.0120506	1.386973	.0010494	10.37148	7.600764	-.001686
#2	.9536300	.0113461	1.382109	.0009087	10.33307	7.556772	-.002150
#3	.9144625	.0163677	1.392267	.0011015	10.35592	7.623816	-.001426

Sample Name: K2165-06 Acquired: 04/09/2019 14:03:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B62 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001826	.0103628	1.516105
Stddev	.000320	.0014249	.001504
%RSD	17.54178	13.75011	.0991699

#1	-.001995	.0104693	1.514847
#2	-.001456	.0117315	1.517770
#3	-.002025	.0088877	1.515698

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2881.458	3786.394	60544.39	13048.24	4837.910
Stddev	7.711	7.560	20.20	39.48	5.095
%RSD	.2676092	.1996632	.0333581	.3025848	.1053232

#1	2881.500	3781.413	60538.93	13015.48	4833.652
#2	2873.725	3795.093	60527.49	13092.08	4843.555
#3	2889.147	3782.676	60566.76	13037.17	4836.521

Sample Name: K2165-07 Acquired: 04/09/2019 14:07:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B62D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036319	.0022857	.0021715	-.005790	-.001447	-.010278	.1014226
Stddev	.0020875	.0010740	.0017986	.002810	.000200	.005019	.0006980
%RSD	57.47690	46.98812	82.82698	48.54261	13.81461	48.82626	.6881871

#1	.0016795	.0017837	.0040906	-.008393	-.001483	-.012927	.1007581
#2	.0033839	.0035187	.0018993	-.006166	-.001627	-.004490	.1021498
#3	.0058324	.0015546	.0005245	-.002810	-.001232	-.013418	.1013599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003937	-.000111	61.34335	-.001994	-.000506	-.002569	-.029369
Stddev	.0000716	.000030	.07368	.000334	.000432	.001299	.004558
%RSD	18.19547	27.32762	.1201147	16.75840	85.44979	50.57463	15.52112

#1	.0004764	-.000076	61.33317	-.001737	-.000188	-.001488	-.025064
#2	.0003551	-.000130	61.42159	-.002372	-.000998	-.002208	-.028898
#3	.0003497	-.000126	61.27528	-.001873	-.000331	-.004011	-.034144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000033	23.72713	.0011544	.0011822	16.27667	.0024821	.0056645
Stddev	.0002870	.14523	.0004883	.0004827	.19588	.0015441	.0006245
%RSD	8764.139	.6120941	42.30146	40.82760	1.203427	62.20729	11.02402

#1	.0000763	23.56747	.0016194	.0008262	16.49632	.0031597	.0050001
#2	-.000313	23.85139	.0011979	.0017316	16.21358	.0007151	.0062393
#3	.000247	23.76253	.0006457	.0009889	16.12012	.0035715	.0057540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8734370	.0124281	1.396151	.0011628	10.45808	7.649162	-.001268
Stddev	.0269807	.0024431	.005554	.0002526	.04382	.024702	.000552
%RSD	3.089031	19.65819	.3978232	21.72683	.4190155	.3229393	43.53474

#1	.8927439	.0121628	1.392785	.0014542	10.45005	7.633636	-.001898
#2	.8426082	.0101285	1.402562	.0010044	10.50536	7.677647	-.000871
#3	.8849588	.0149931	1.393106	.0010299	10.41883	7.636203	-.001035

Sample Name: K2165-07 Acquired: 04/09/2019 14:07:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B62D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001670	.0084064	1.526501
Stddev	.000143	.0005251	.002943
%RSD	8.557080	6.246514	.1928070

#1	-.001547	.0083286	1.529849
#2	-.001827	.0079246	1.525336
#3	-.001637	.0089661	1.524319

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2860.853	3744.222	60067.34	12965.36	4789.274
Stddev	13.388	10.250	119.05	40.03	17.373
%RSD	.4679603	.2737563	.1982024	.3087788	.3627417

#1	2865.710	3756.038	60178.05	12987.54	4805.608
#2	2845.714	3737.726	60082.57	12919.14	4771.022
#3	2871.133	3738.901	59941.40	12989.39	4791.193

Sample Name: K2165-08 Acquired: 04/09/2019 14:11:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B62S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0418710	.0566581	.0234155	.0060768	.1079123	1.879282	2.227336
Stddev	.0006471	.0039063	.0028741	.0008489	.0015467	.063015	.057062
%RSD	1.545341	6.894555	12.27435	13.96939	1.433256	3.353134	2.561885

#1	.0417602	.0580210	.0249573	.0061522	.1090266	1.858860	2.191974
#2	.0412865	.0522529	.0251897	.0051928	.1061464	1.829011	2.196869
#3	.0425663	.0597004	.0200995	.0068855	.1085637	1.949975	2.293165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540359	.0493683	62.03970	.1851280	.5047152	.2418367	.8440861
Stddev	.0016119	.0000832	1.96120	.0004814	.0005841	.0108444	.0242165
%RSD	2.983058	.1684449	3.161196	.2600190	.1157212	4.484197	2.868955

#1	.0530561	.0492725	61.32846	.1856665	.5041762	.2349757	.8389165
#2	.0531553	.0494106	60.53336	.1847396	.5046337	.2361955	.8228720
#3	.0558963	.0494217	64.25728	.1849777	.5053358	.2543390	.8704700

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5307206	23.96373	.5156375	.0508569	16.25301	.5223803	.5067455
Stddev	.0180357	.69011	.0006271	.0005777	.43654	.0166752	.0033251
%RSD	3.398343	2.879823	.1216219	1.135899	2.685920	3.192159	.6561665

#1	.5253239	23.60786	.5153739	.0501918	15.81181	.5187854	.5102296
#2	.5159993	23.52419	.5151851	.0511464	16.26247	.5077958	.5036064
#3	.5508386	24.75914	.5163534	.0512327	16.68474	.5405598	.5064003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9668543	.0140508	2.027633	.0011984	10.44126	7.798459	-.001385
Stddev	.0652447	.0017518	.070251	.0002017	.03383	.248664	.000277
%RSD	6.748146	12.46785	3.464696	16.83262	.3240246	3.188628	20.01220

#1	.9611707	.0140206	1.990557	.0012728	10.43792	7.667338	-.001179
#2	.9046373	.0123143	1.983687	.0013524	10.40923	7.642797	-.001700
#3	1.034755	.0158176	2.108655	.0009700	10.47664	8.085241	-.001276

Sample Name: K2165-08 Acquired: 04/09/2019 14:11:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B62S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002685	.1121372	1.539806
Stddev	.001292	.0032080	.040004
%RSD	48.11653	2.860814	2.598012

#1	-.001426	.1097006	1.515390
#2	-.002621	.1109391	1.518055
#3	-.004008	.1157718	1.585974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.799	3755.355	60167.15	12631.03	4790.796
Stddev	10.679	18.270	264.74	382.73	6.769
%RSD	.3735425	.4865170	.4400066	3.030037	.1413004

#1	2846.472	3776.447	59967.41	12838.44	4798.012
#2	2865.231	3744.429	60066.61	12865.29	4784.585
#3	2864.694	3745.188	60467.43	12189.37	4789.790

Sample Name: K2165-06LX5 Acquired: 04/09/2019 14:15:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B62L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005595	.0013462	.0004255	-.004953	-.000137	-.001293	.0196917
Stddev	.0032724	.0003279	.0002637	.000939	.001230	.006157	.0003762
%RSD	584.9155	24.36026	61.98607	18.96583	899.5460	476.2498	1.910311

#1	.0019419	.0012392	.0001291	-.005419	.000923	-.006673	.0198386
#2	.0029137	.0017143	.0006342	-.003872	.000152	.005422	.0192643
#3	-.003177	.0010852	.0005131	-.005569	-.001485	-.002628	.0199724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001949	-.000064	12.60621	-.002346	-.000027	.0008026	-.001565
Stddev	.0000961	.000073	.12960	.000404	.000150	.0004198	.005123
%RSD	49.28365	113.8703	1.028103	17.23490	543.9797	52.29911	327.2743

#1	.0002986	-.000090	12.47935	-.002277	-.000174	.0003846	-.006860
#2	.0001089	-.000120	12.60090	-.001980	-.000033	.0012241	-.001202
#3	.0001773	.000018	12.73839	-.002780	.000124	.0007991	.003366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002501	4.789102	.0005035	.0005423	3.367250	-.001083	.0009444
Stddev	.0002685	.059517	.0003328	.0007897	.195000	.000843	.0011747
%RSD	107.3756	1.242763	66.09038	145.6099	5.791073	77.86675	124.3856

#1	.0003915	4.735138	.0001248	.0012479	3.173263	-.000617	-.000302
#2	-.000060	4.779230	.0006365	.0006897	3.563247	-.000575	.001103
#3	.000418	4.852938	.0007492	-.000311	3.365242	-.002056	.002032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3741165	.0037898	.2624630	.0000398	1.987828	1.500965	.0007238
Stddev	.0079105	.0035973	.0030771	.0001222	.005121	.008168	.0008877
%RSD	2.114441	94.92085	1.172396	307.0881	.2576109	.5441705	122.6398

#1	.3729462	-.000122	.2591852	.0001074	1.982461	1.492983	-.000252
#2	.3825470	.006956	.2629144	-.000101	1.988361	1.500606	.000939
#3	.3668564	.004535	.2652895	.000113	1.992661	1.509307	.001484

Sample Name: K2165-06LX5 Acquired: 04/09/2019 14:15:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B62L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000143	.0063812	.3126585
Stddev	.001070	.0014571	.0007704
%RSD	746.7961	22.83429	.2463990

#1	.001089	.0079004	.3123079
#2	-.000673	.0062478	.3121258
#3	-.000845	.0049954	.3135418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.589	3664.891	58636.62	12641.33	4674.785
Stddev	11.458	9.998	152.97	107.03	14.900
%RSD	.4114657	.2728046	.2608862	.8466324	.3187287

#1	2771.532	3654.370	58557.63	12739.96	4657.674
#2	2792.963	3666.035	58539.27	12656.50	4684.894
#3	2789.273	3674.267	58812.94	12527.53	4681.787

Sample Name: K2123-01 Acquired: 04/09/2019 14:19:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020698	.0036861	.0022097	-.003135	-.002497	.0196460	.0004348
Stddev	.0024629	.0004816	.0007095	.001714	.000885	.0029177	.0004901
%RSD	118.9956	13.06444	32.10568	54.65205	35.44709	14.85139	112.7315

#1	-.000763	.0033261	.0030223	-.001423	-.003264	.0198674	.0007247
#2	.003701	.0034991	.0018936	-.003133	-.001529	.0224468	.0007108
#3	.003271	.0042331	.0017133	-.004850	-.002696	.0166240	-.000131

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003606	.0000006	.0245617	-.002443	.0007961	-.000419	.0015655
Stddev	.0000871	.0000887	.0056554	.000120	.0000801	.000612	.0022484
%RSD	24.14583	14480.47	23.02513	4.909231	10.06138	146.1068	143.6226

#1	.0004449	-.000003	.0298227	-.002319	.0007701	-.000427	.0015668
#2	.0003658	.000091	.0252814	-.002452	.0007322	.000197	.0038132
#3	.0002710	-.000086	.0185809	-.002559	.0008860	-.001028	-.000684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000232	.0091238	.0016388	.0003580	-.067355	-.001111	.0047339
Stddev	.000286	.0187017	.0004343	.0002615	.072509	.001253	.0008136
%RSD	123.1148	204.9778	26.50075	73.04998	107.6516	112.7847	17.18681

#1	-.000561	-.009148	.0011783	.0000575	-.143545	-.000043	.0051089
#2	-.000087	.028228	.0016969	.0004827	-.059326	-.002489	.0052924
#3	-.000048	.008291	.0020410	.0005339	.000805	-.000800	.0038004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090281	.0064118	-.037316	-.000734	-.001029	.0087515	.0000917
Stddev	.048056	.0020400	.001704	.000127	.003846	.0002633	.0011851
%RSD	53.22954	31.81537	4.565276	17.34703	373.7367	3.008412	1292.573

#1	-.052992	.0043463	-.035421	-.000670	-.001828	.0087963	-.000961
#2	-.144514	.0064640	-.038721	-.000651	-.004413	.0089895	-.000140
#3	-.073337	.0084252	-.037807	-.000880	.003154	.0084687	.001375

Sample Name: K2123-01 Acquired: 04/09/2019 14:19:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003251	-.003671	.0000800
Stddev	.0006907	.001666	.0000510
%RSD	212.4623	45.37733	63.78738

#1	.0005056	-.004056	.0000223
#2	.0009075	-.005110	.0001193
#3	-.000438	-.001846	.0000982

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.181	3823.838	60339.30	13019.34	4874.397
Stddev	15.496	10.137	242.69	9.46	5.689
%RSD	.5343041	.2651103	.4022069	.0726966	.1167175

#1	2917.232	3816.461	60567.25	13020.84	4875.963
#2	2886.958	3819.655	60366.49	13027.97	4868.088
#3	2896.352	3835.397	60084.16	13009.22	4879.139

Sample Name: K2123-02 Acquired: 04/09/2019 14:23:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B41 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064320	.0050523	.0020706	-.005955	-.002481	.0127725	.1959259
Stddev	.0033944	.0012273	.0007838	.002800	.001105	.0055996	.0006680
%RSD	52.77285	24.29144	37.85332	47.01323	44.51586	43.84091	.3409609

#1	.0027820	.0052158	.0028127	-.008207	-.001765	.0133106	.1952672
#2	.0070202	.0037514	.0021482	-.002821	-.003753	.0180837	.1966028
#3	.0094938	.0061896	.0012509	-.006839	-.001925	.0069234	.1959078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002988	-.000045	60.27397	.0238854	.0003195	.0021118	.2222451
Stddev	.0000558	.000111	.18164	.0005550	.0002325	.0012566	.0059871
%RSD	18.66032	247.0650	.3013593	2.323480	72.75624	59.50516	2.693909

#1	.0003627	-.000013	60.30058	.0244944	.0000692	.0006706	.2210967
#2	.0002596	-.000168	60.08048	.0237537	.0005286	.0029787	.2169154
#3	.0002742	.000046	60.44083	.0234081	.0003608	.0026860	.2287232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616608	28.16173	.0300414	.0006697	20.53807	.0012417	.0138775
Stddev	.0006660	.17555	.0005975	.0000787	.10282	.0015839	.0003477
%RSD	1.080044	.6233639	1.988983	11.75820	.5006198	127.5635	2.505459

#1	.0618090	28.07399	.0305435	.0007294	20.42032	.0022690	.0135988
#2	.0609333	28.04734	.0302003	.0005804	20.61010	-.000582	.0142671
#3	.0622402	28.36385	.0293806	.0006992	20.58378	.002038	.0137667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.343700	.0124359	2.597351	.0068103	7.603247	7.875798	-.001801
Stddev	.059001	.0021107	.003609	.0002273	.016131	.028471	.000116
%RSD	2.517428	16.97251	.1389604	3.337644	.2121590	.3615020	6.438795

#1	2.308124	.0142992	2.601343	.0065739	7.614814	7.906222	-.001909
#2	2.411805	.0101437	2.596389	.0068296	7.584820	7.871372	-.001678
#3	2.311169	.0128648	2.594319	.0070273	7.610107	7.849798	-.001816

Sample Name: K2123-02 Acquired: 04/09/2019 14:23:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B41 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001118	.0245528	.7301024
Stddev	.000150	.0014083	.0016795
%RSD	13.44821	5.735616	.2300366

#1	-.001227	.0231629	.7281914
#2	-.000946	.0245167	.7307717
#3	-.001181	.0259787	.7313440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.974	3735.333	59887.35	12950.59	4772.351
Stddev	17.220	3.400	144.46	34.82	2.396
%RSD	.6055057	.0910193	.2412230	.2688384	.0502155

#1	2863.602	3738.348	59982.40	12936.58	4772.358
#2	2836.913	3731.648	59958.54	12924.96	4769.951
#3	2831.406	3736.002	59721.11	12990.23	4774.744

Sample Name: K2123-03 Acquired: 04/09/2019 14:27:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B42 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057388	.0026408	.0028722	-.004537	-.000989	.0127061	.1963252
Stddev	.0015642	.0019882	.0005810	.002672	.000912	.0036895	.0006088
%RSD	27.25651	75.28767	20.22963	58.89358	92.14432	29.03747	.3101158

#1	.0048637	.0008330	.0025935	-.002362	-.001924	.0092837	.1964536
#2	.0048080	.0023192	.0035401	-.007519	-.000942	.0122200	.1956624
#3	.0075447	.0047702	.0024831	-.003729	-.000102	.0166145	.1968596

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003752	-.000050	60.54686	.0232863	.0001933	.0008743	.1737854
Stddev	.0000882	.000047	.12819	.0001508	.0000918	.0011788	.0047774
%RSD	23.49699	92.54466	.2117270	.6474868	47.51608	134.8380	2.749030

#1	.0004500	.000003	60.67777	.0234396	.0000937	.0007171	.1691449
#2	.0002780	-.000083	60.42157	.0231382	.0002747	-.000218	.1735224
#3	.0003975	-.000071	60.54125	.0232810	.0002115	.002124	.1786888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613719	28.31525	.0278874	.0000002	20.36098	.0004733	.0121538
Stddev	.0003323	.12824	.0004886	.0001398	.20819	.0018597	.0012456
%RSD	.5415408	.4529132	1.751981	66550.46	1.022478	392.8810	10.24865

#1	.0615183	28.44329	.0275516	-.000119	20.44315	.0015522	.0135327
#2	.0609915	28.18681	.0276626	.000154	20.51554	-.001674	.0118189
#3	.0616059	28.31563	.0284479	-.000034	20.12424	.001542	.0111100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429974	.0118740	2.616265	.0061648	7.685369	7.892094	-.001188
Stddev	.048649	.0043561	.015149	.0001865	.003598	.059151	.001621
%RSD	2.002028	36.68656	.5790155	3.024404	.0468103	.7494990	136.4260

#1	2.466909	.0165488	2.608911	.0060801	7.688117	7.923531	-.003046
#2	2.374852	.0079287	2.606197	.0063785	7.686694	7.823862	-.000056
#3	2.448160	.0111443	2.633686	.0060357	7.681297	7.928887	-.000464

Sample Name: K2123-03 Acquired: 04/09/2019 14:27:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B42 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000084	.0235794	.7272340
Stddev	.000237	.0012874	.0005898
%RSD	283.9720	5.459813	.0810955

#1	-.000344	.0250234	.7266262
#2	.000121	.0225516	.7272719
#3	-.000028	.0231632	.7278039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.115	3700.347	59712.23	12887.94	4724.381
Stddev	8.304	7.708	160.79	81.61	11.774
%RSD	.2930990	.2083093	.2692791	.6332647	.2492180

#1	2838.730	3700.926	59556.23	12859.57	4726.148
#2	2823.576	3707.748	59703.05	12979.96	4735.172
#3	2837.039	3692.365	59877.42	12824.30	4711.824

Sample Name: K2123-04 Acquired: 04/09/2019 14:31:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B43 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106623	.0021649	.0052154	-.002975	-.000118	-.000224	.2226626
Stddev	.0007324	.0016422	.0014128	.004099	.001691	.006886	.0006833
%RSD	6.869434	75.85425	27.08915	137.7474	1438.002	3079.487	.3068804

#1	.0114975	.0022676	.0066980	-.004632	.000440	.000066	.2219570
#2	.0101295	.0004738	.0050635	.001692	-.002017	-.007249	.2233212
#3	.0103598	.0037533	.0038846	-.005986	.001224	.006513	.2227097

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004369	-.000095	62.34690	.0081251	-.000101	.0045123	.0303632
Stddev	.0000709	.000096	.39011	.0002747	.000390	.0004730	.0028365
%RSD	16.22494	100.8240	.6257020	3.380348	386.1922	10.48343	9.342047

#1	.0004971	-.000101	61.91581	.0079990	.000135	.0049031	.0335996
#2	.0004547	.000003	62.44928	.0079362	-.000551	.0039864	.0291807
#3	.0003588	-.000189	62.67560	.0084402	.000113	.0046473	.0283092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158288	29.73179	.0114510	.0005059	32.04698	.0013045	.0119198
Stddev	.0001439	.18007	.0005098	.0001315	.30485	.0008131	.0010677
%RSD	.9089866	.6056561	4.451580	25.99752	.9512635	62.33281	8.956914

#1	.0156784	29.53144	.0114893	.0003740	31.94767	.0003882	.0115409
#2	.0159651	29.88013	.0109231	.0006370	31.80418	.0019402	.0131253
#3	.0158427	29.78381	.0119405	.0005068	32.38911	.0015850	.0110933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.131463	.0199713	3.454730	.0113435	14.00256	7.966400	-.000917
Stddev	.088317	.0017375	.025099	.0001240	.04688	.048091	.001207
%RSD	.9671681	8.700134	.7264981	1.093061	.3348081	.6036700	131.5865

#1	9.036210	.0202242	3.426128	.0112074	13.97067	7.910997	-.000895
#2	9.147546	.0181211	3.473076	.0114499	13.98061	7.997356	.000279
#3	9.210633	.0215685	3.464987	.0113733	14.05639	7.990847	-.002134

Sample Name: K2123-04 Acquired: 04/09/2019 14:31:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000861	.0171352	1.463502
Stddev	.001279	.0019689	.004378
%RSD	148.6202	11.49027	.2991231

#1	-.001530	.0192499	1.459265
#2	-.001666	.0153550	1.463233
#3	.000614	.0168007	1.468008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2845.416	3700.974	59784.21	12843.29	4752.288
Stddev	3.002	7.032	173.19	84.50	6.318
%RSD	.1055059	.1900019	.2896921	.6578972	.1329413

#1	2848.688	3698.470	59810.88	12938.79	4754.172
#2	2842.789	3708.915	59942.52	12778.23	4757.450
#3	2844.772	3695.536	59599.23	12812.86	4745.243

Sample Name: K2123-05 Acquired: 04/09/2019 14:36:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B44 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070877	.0040964	.0038562	-.005514	-.002282	-.006555	.1069936
Stddev	.0005404	.0010635	.0014414	.002172	.000465	.002798	.0008912
%RSD	7.623921	25.96329	37.37855	39.39324	20.37753	42.68350	.8329676

#1	.0076934	.0028916	.0023395	-.007651	-.002074	-.005945	.1066190
#2	.0069142	.0044924	.0040210	-.005584	-.001957	-.004113	.1063508
#3	.0066554	.0049051	.0052082	-.003308	-.002815	-.009608	.1080109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002974	.0000003	55.45346	-.002080	-.000457	-.000515	-.026911
Stddev	.0000660	.0000768	.18926	.000645	.000120	.001372	.001797
%RSD	22.19575	28235.43	.3412910	30.99929	26.34746	266.6611	6.678592

#1	.0003654	-.000079	55.32489	-.002825	-.000545	-.002098	-.028947
#2	.0002336	.000006	55.67078	-.001686	-.000320	.000322	-.025547
#3	.0002930	.000074	55.36471	-.001731	-.000507	.000232	-.026238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001631	24.78327	.0024268	.0010668	27.41986	.0027896	.0043878
Stddev	.0001870	.15523	.0003729	.0005056	.42004	.0015456	.0023030
%RSD	114.6824	.6263516	15.36615	47.39521	1.531890	55.40641	52.48633

#1	.0003684	24.71149	.0022172	.0015925	27.61101	.0013098	.0048995
#2	.0000023	24.96140	.0028573	.0010237	27.71033	.0026654	.0063919
#3	.0001185	24.67693	.0022057	.0005841	26.93824	.0043936	.0018720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235676	.0146665	5.217747	.0045566	14.22697	7.635235	-.001604
Stddev	.027178	.0019539	.016517	.0002082	.03029	.022059	.000928
%RSD	2.199437	13.32215	.3165593	4.569411	.2129199	.2889122	57.85193

#1	1.205820	.0163952	5.208342	.0047735	14.20554	7.624708	-.002207
#2	1.258977	.0125466	5.236818	.0045382	14.26163	7.660586	-.000535
#3	1.242230	.0150577	5.208079	.0043583	14.21375	7.620412	-.002069

Sample Name: K2123-05 Acquired: 04/09/2019 14:36:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001692	.0168024	2.183674
Stddev	.000986	.0012725	.000744
%RSD	58.25162	7.573096	.0340757

#1	-.000554	.0172594	2.184429
#2	-.002267	.0153645	2.182942
#3	-.002255	.0177832	2.183651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.412	3742.359	60052.25	12996.18	4813.827
Stddev	16.615	9.758	249.34	68.02	9.382
%RSD	.5832930	.2607557	.4152105	.5234141	.1948931

#1	2866.670	3740.922	60275.31	13031.68	4815.371
#2	2834.181	3752.756	59783.07	12917.75	4822.340
#3	2844.387	3733.399	60098.38	13039.11	4803.768

Sample Name: K2123-06 Acquired: 04/09/2019 14:40:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B45 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0691372	.0021373	.0037972	-.005320	-.001044	.0513807	.1656933
Stddev	.0029271	.0013912	.0028640	.001636	.000952	.0046106	.0008030
%RSD	4.233724	65.09094	75.42531	30.75460	91.15305	8.973463	.4846285

#1	.0697356	.0036908	.0032850	-.005551	-.000405	.0490900	.1666032
#2	.0717188	.0017143	.0012238	-.006829	-.002138	.0566881	.1653926
#3	.0659571	.0010067	.0068828	-.003581	-.000589	.0483640	.1650840

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003754	-.000020	88.46694	-.000438	-.000254	-.000274	.1265453
Stddev	.0000956	.000079	.45584	.000575	.000332	.000462	.0019022
%RSD	25.46628	394.5954	.5152609	131.1954	130.5888	168.6782	1.503154

#1	.0003594	-.000100	88.65187	-.001102	-.000346	.000236	.1287262
#2	.0004780	-.000017	87.94770	-.000118	.000114	-.000666	.1252289
#3	.0002888	.000058	88.80125	-.000095	-.000531	-.000392	.1256808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3875646	40.63684	.0039457	.0006615	33.30282	.0012249	.0082191
Stddev	.0026762	.29056	.0003712	.0003309	.12865	.0020125	.0014202
%RSD	.6905069	.7150257	9.408519	50.02813	.3863016	164.2984	17.27956

#1	.3885866	40.64314	.0040999	.0010258	33.33819	-.001087	.0085947
#2	.3845280	40.34317	.0042149	.0003795	33.41008	.002587	.0094137
#3	.3895791	40.92420	.0035222	.0005792	33.16018	.002175	.0066488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.10923	.2413517	12.25947	.0161243	13.67255	10.85340	-.002604
Stddev	.02076	.0034108	.06131	.0001633	.01809	.05688	.001372
%RSD	.1032449	1.413201	.5001303	1.012576	.1323283	.5240614	52.67452

#1	20.10137	.2379301	12.19787	.0159700	13.67074	10.79612	-.001047
#2	20.13277	.2413734	12.26004	.0161075	13.69148	10.85423	-.003130
#3	20.09354	.2447516	12.32050	.0162953	13.65542	10.90987	-.003635

Sample Name: K2123-06 Acquired: 04/09/2019 14:40:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000744	.0422610	2.704481
Stddev	.001502	.0002885	.002453
%RSD	201.9085	.6827146	.0907150

#1	-.001887	.0419364	2.705236
#2	.000958	.0423586	2.701739
#3	-.001303	.0424881	2.706468

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2819.342	3681.246	59439.64	12810.53	4687.646
Stddev	13.952	4.225	189.67	32.78	6.394
%RSD	.4948634	.1147716	.3191002	.2559123	.1364087

#1	2806.952	3683.619	59249.35	12792.15	4680.673
#2	2834.455	3683.752	59628.69	12848.38	4689.028
#3	2816.620	3676.368	59440.87	12791.06	4693.236

Sample Name: K2123-07 Acquired: 04/09/2019 14:44:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B46 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025947	.0023937	.0016390	-.005710	-.001535	.0147761	.0297468
Stddev	.0034526	.0014522	.0015732	.002617	.000555	.0041435	.0009976
%RSD	133.0664	60.66850	95.98517	45.82634	36.13940	28.04171	3.353493

#1	-.001122	.0019491	-.000095	-.004717	-.002175	.0103382	.0290659
#2	.005702	.0012158	.002037	-.003735	-.001233	.0154469	.0292826
#3	.003205	.0040162	.002975	-.008678	-.001197	.0185432	.0308918

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002684	-.000038	6.055236	-.002852	.0004042	-.000547	.0017004
Stddev	.0000378	.000098	.024501	.000291	.0000950	.001835	.0036313
%RSD	14.09594	257.5680	.4046183	10.19120	23.49418	335.7032	213.5555

#1	.0002279	-.000021	6.027246	-.002546	.0003094	-.001502	.0048271
#2	.0003028	-.000143	6.072794	-.003124	.0004040	.001569	.0025568
#3	.0002746	.000050	6.065669	-.002887	.0004993	-.001707	-.002283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005796	.3530683	.0011906	.0004392	.0531010	.0010148	.0039568
Stddev	.0001566	.0096444	.0003375	.0002036	.2697491	.0006646	.0010628
%RSD	27.01482	2.731605	28.34542	46.36698	507.9920	65.48704	26.86161

#1	.0005750	.3501566	.0008673	.0005902	.3436302	.0004869	.0029189
#2	.0007385	.3638330	.0015407	.0002076	.0050949	.0017611	.0039085
#3	.0004254	.3452151	.0011638	.0005198	-.189422	.0007965	.0050429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112094	.0047161	-.001681	-.000591	.0055975	.0906620	-.000218
Stddev	.013270	.0018090	.002232	.000242	.0014527	.0011096	.001259
%RSD	11.83835	38.35791	132.7505	40.93430	25.95338	1.223858	577.4531

#1	-.119894	.0026274	.000386	-.000349	.0048389	.0916319	-.000673
#2	-.096772	.0057802	-.001382	-.000833	.0072724	.0909020	-.001187
#3	-.119616	.0057407	-.004048	-.000593	.0046810	.0894520	.001205

Sample Name: K2123-07 Acquired: 04/09/2019 14:44:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B46 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001217	-.004842	.1429503
Stddev	.0009881	.001606	.0001563
%RSD	811.9148	33.16494	.1093439

#1	.0006104	-.005905	.1429200
#2	.0007702	-.002995	.1431196
#3	-.001015	-.005626	.1428114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.861	3792.591	59828.99	13002.71	4818.858
Stddev	7.278	2.474	160.11	59.31	7.990
%RSD	.2528852	.0652204	.2676183	.4561222	.1658072

#1	2881.974	3795.211	59712.33	13070.91	4827.030
#2	2882.151	3792.265	60011.54	12963.20	4818.482
#3	2869.458	3790.296	59763.11	12974.02	4811.063

Sample Name: K2123-08 Acquired: 04/09/2019 14:48:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113955	.0032158	.0054993	-.004279	-.001582	.1256442	.3115206
Stddev	.0012995	.0010628	.0025935	.002207	.001572	.0114109	.0005740
%RSD	11.40326	33.05033	47.15997	51.57281	99.35127	9.081910	.1842638

#1	.0126963	.0035607	.0032103	-.003498	-.001708	.1155436	.3109005
#2	.0113928	.0020233	.0083161	-.006770	.000049	.1380220	.3120334
#3	.0100974	.0040632	.0049716	-.002569	-.003086	.1233670	.3116278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003673	-.000038	44.87823	.0045980	.0002714	-.000184	.0446172
Stddev	.0000723	.000033	.17861	.0004107	.0000164	.000551	.0049671
%RSD	19.67608	86.69830	.3979834	8.933374	6.033352	300.0059	11.13262

#1	.0003065	-.000029	45.07074	.0041336	.0002901	.000316	.0449440
#2	.0004472	-.000010	44.84603	.0049137	.0002595	-.000774	.0394948
#3	.0003483	-.000074	44.71791	.0047466	.0002646	-.000093	.0494128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022535	23.82803	.0098958	.0003392	17.17654	.0019850	.0044357
Stddev	.0005036	.08033	.0005928	.0005126	.13223	.0033443	.0017305
%RSD	22.34751	.3371167	5.990038	151.1207	.7698376	168.4805	39.01278

#1	.0022984	23.83368	.0099346	-.000208	17.20861	.0004461	.0063459
#2	.0027331	23.90538	.0092846	.000418	17.28979	.0058217	.0029728
#3	.0017289	23.74502	.0104683	.000808	17.03123	-.000313	.0039883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429266	.0161754	.2450723	.0062948	8.011385	8.841142	-.001022
Stddev	.073261	.0012138	.0015360	.0001427	.005482	.029117	.001228
%RSD	3.015773	7.503831	.6267375	2.266983	.0684257	.3293349	120.1182

#1	2.449366	.0173311	.2456156	.0062413	8.005059	8.870308	-.002418
#2	2.490379	.0162843	.2462629	.0061865	8.014750	8.841044	-.000108
#3	2.348053	.0149108	.2433386	.0064564	8.014345	8.812074	-.000541

Sample Name: K2123-08 Acquired: 04/09/2019 14:48:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010868	.0188390	3.483899
Stddev	.0007985	.0002079	.021189
%RSD	73.47750	1.103325	.6081851

#1	.0017391	.0189091	3.500278
#2	.0013249	.0190028	3.491448
#3	.0001963	.0186052	3.459969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2832.464	3705.241	59388.37	12799.54	4753.958
Stddev	8.827	6.312	139.43	36.38	10.686
%RSD	.3116269	.1703499	.2347688	.2841987	.2247730

#1	2831.762	3711.748	59521.72	12761.74	4766.296
#2	2841.620	3704.832	59243.57	12802.58	4747.941
#3	2824.009	3699.144	59399.81	12834.30	4747.639

Sample Name: CCV071 Acquired: 04/09/2019 14:56:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.919165	4.871726	24.58445	4.810956	4.943493	412.9831	10.12630
Stddev	.004628	.011028	.03170	.016603	.006933	1.0242	.03413
%RSD	.0940846	.2263635	.1289360	.3451101	.1402381	.2479913	.3370348

#1	4.921838	4.879354	24.61960	4.830111	4.951334	412.2101	10.12169
#2	4.921836	4.859082	24.55802	4.800687	4.940969	414.1447	10.16251
#3	4.913821	4.876742	24.57574	4.802071	4.938176	412.5946	10.09472

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4931345	2.466986	407.3666	15.14281	2.507132	14.98846	421.5493
Stddev	.0005676	.002806	1.8670	.00981	.002128	.02512	1.4903
%RSD	.1151044	.1137501	.4583162	.0647842	.0848847	.1675885	.3535179

#1	.4924805	2.466811	405.3275	15.15413	2.508375	14.98941	419.8339
#2	.4934238	2.464272	408.9923	15.13689	2.504674	15.01310	422.5256
#3	.4934992	2.469876	407.7798	15.13740	2.508346	14.96288	422.2882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71900	401.6569	2.490357	1.256934	406.5602	2.458986	15.10234
Stddev	.07077	1.8727	.004708	.004136	1.8510	.003799	.11564
%RSD	.4807825	.4662560	.1890477	.3290192	.4552891	.1544823	.7657247

#1	14.66021	399.5082	2.492201	1.260943	404.5425	2.461986	14.99791
#2	14.79755	402.5205	2.485006	1.257175	408.1797	2.454715	15.08250
#3	14.69924	402.9421	2.493864	1.252682	406.9585	2.460257	15.22662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.2645	5.133045	5.030785	4.927169	5.076756	4.883646	4.987406
Stddev	.6098	.025693	.011903	.011647	.013515	.007479	.007248
%RSD	.4004659	.5005491	.2366038	.2363919	.2662227	.1531339	.1453168

#1	151.6813	5.118493	5.017041	4.938954	5.087941	4.875591	4.986565
#2	152.8977	5.117930	5.037637	4.926891	5.061738	4.884980	4.980615
#3	152.2146	5.162711	5.037678	4.915664	5.080589	4.890368	4.995037

Sample Name: CCV071 Acquired: 04/09/2019 14:56:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.986148	5.080658	5.018963
Stddev	.003436	.014426	.044274
%RSD	.0689121	.2839418	.8821357

#1	4.982544	5.078812	4.993521
#2	4.989387	5.095919	4.993283
#3	4.986513	5.067244	5.070086

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.302	3108.914	53263.67	11935.91	3752.481
Stddev	18.295	7.562	209.98	48.98	.976
%RSD	.7637849	.2432519	.3942202	.4103832	.0260105

#1	2416.118	3104.288	53505.16	11992.11	3751.365
#2	2388.008	3104.812	53124.13	11902.26	3753.173
#3	2381.778	3117.641	53161.73	11913.38	3752.906

Sample Name: CCB071 Acquired: 04/09/2019 15:00:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002596	-.001032	.0019341	.0007193	.0003884	.0133727	-.000876
Stddev	.003543	.002279	.0015650	.0031061	.0005832	.0110184	.000876
%RSD	136.4916	220.7717	80.91437	431.8460	150.1610	82.39476	99.96491

#1	-.000116	-.001547	.0021712	-.000720	-.000280	.0051352	-.001567
#2	-.006653	-.003011	.0033670	.004284	.000654	.0258886	-.001171
#3	-.001018	.001460	.0002641	-.001406	.000792	.0090942	.000109

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000404	-.000002	-.001757	-.000977	.0001003	.0005458	.0039270
Stddev	.0000604	.000017	.003561	.000623	.0001877	.0011060	.0039613
%RSD	149.3243	785.0621	202.6458	63.77317	187.0424	202.6160	100.8738

#1	.0000302	-.000020	-.000962	-.000347	.0003035	-.000731	.0064231
#2	.0001053	.000014	-.005648	-.000991	-.000066	.001182	.0059983
#3	-.000014	-.000000	.001339	-.001593	.000064	.001187	-.000641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000348	.0005825	-.000323	.0004552	.1170762	.0004190	-.000594
Stddev	.000213	.0199067	.000435	.0004090	.1065847	.0004983	.001226
%RSD	61.25059	3417.298	134.6684	89.83772	91.03874	118.9328	206.5247

#1	-.000432	-.017153	-.000351	.0001415	.1894484	.0009911	-.001843
#2	-.000106	-.003213	-.000743	.0003064	-.005319	.0000800	.000607
#3	-.000507	.022114	.000125	.0009178	.167099	.0001858	-.000544

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066186	-.003297	-.005198	-.000033	-.003322	-.002865	.0005211
Stddev	.031973	.001523	.000910	.000033	.001249	.001868	.0004534
%RSD	48.30740	46.19160	17.50465	98.45283	37.60508	65.20564	87.00683

#1	-.045162	-.004407	-.004148	-.000028	-.001991	-.004210	.0000075
#2	-.050416	-.003924	-.005750	-.000003	-.003505	-.000732	.0006900
#3	-.102980	-.001561	-.005695	-.000069	-.004469	-.003652	.0008659

Sample Name: CCB071 Acquired: 04/09/2019 15:00:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB071 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005783	-.001580	-.000009
Stddev	.0010176	.000664	.000053
%RSD	175.9561	42.00436	573.6264

#1	-.000030	-.002234	-.000041
#2	.000012	-.000907	.000052
#3	.001753	-.001599	-.000038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2751.210	3646.489	58096.23	12589.10	4693.488
Stddev	12.409	2.829	180.23	56.02	2.542
%RSD	.4510460	.0775689	.3102217	.4449740	.0541557

#1	2739.927	3644.781	57892.95	12611.66	4691.820
#2	2749.203	3644.931	58236.45	12525.32	4692.231
#3	2764.501	3649.754	58159.31	12630.33	4696.413

Sample Name: K2123-09 Acquired: 04/09/2019 15:04:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143342	.0055417	.0058810	-.004918	-.001836	.5534084	.6442541
Stddev	.0011722	.0002599	.0013069	.001651	.001652	.0021497	.0025125
%RSD	8.177759	4.690614	22.22179	33.57428	89.97297	.3884534	.3899880

#1	.0146438	.0053006	.0047932	-.006666	-.002356	.5510111	.6421213
#2	.0153205	.0055073	.0073306	-.003386	.000013	.5540493	.6436171
#3	.0130382	.0058170	.0055191	-.004701	-.003166	.5551648	.6470238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003266	-.000035	92.70536	.0120967	.0008526	.0051765	.6047531
Stddev	.0001055	.000048	.50703	.0001384	.0000413	.0010352	.0045444
%RSD	32.29002	134.9367	.5469235	1.144158	4.846284	19.99726	.7514546

#1	.0003317	.000015	92.20044	.0119903	.0008670	.0050369	.5995348
#2	.0002186	-.000080	93.21447	.0120467	.0008060	.0042182	.6078406
#3	.0004293	-.000041	92.70118	.0122532	.0008848	.0062743	.6068840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292671	37.55212	.0106857	.0005006	36.96074	.0068275	.0222368
Stddev	.0006394	.11958	.0002979	.0004307	.37160	.0018959	.0014087
%RSD	2.184774	.3184283	2.788234	86.03676	1.005395	27.76913	6.335093

#1	.0293605	37.41504	.0110273	.0004252	36.58250	.0080597	.0236510
#2	.0298547	37.63501	.0105499	.0001126	36.97438	.0046443	.0208336
#3	.0285861	37.60632	.0104798	.0009640	37.32533	.0077785	.0222257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78722	.0577357	.4352635	.0088877	9.093899	13.76761	-.001326
Stddev	.11131	.0029864	.0016979	.0000738	.024333	.02271	.000758
%RSD	.8073646	5.172549	.3900908	.8301114	.2675803	.1649603	57.17036

#1	13.91546	.0562356	.4365158	.0088353	9.111106	13.78255	-.000665
#2	13.73071	.0611748	.4359438	.0089721	9.066059	13.77881	-.001159
#3	13.71551	.0557968	.4333309	.0088556	9.104533	13.74148	-.002153

Sample Name: K2123-09 Acquired: 04/09/2019 15:04:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0169563	.0964080	3.859179
Stddev	.0014156	.0013082	.033382
%RSD	8.348341	1.356967	.8649968

#1	.0156019	.0977981	3.825593
#2	.0184260	.0952009	3.892353
#3	.0168409	.0962250	3.859590

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.340	3675.940	59337.87	12792.39	4708.412
Stddev	8.449	11.759	165.11	16.08	12.435
%RSD	.2987100	.3198873	.2782494	.1256898	.2641036

#1	2835.140	3683.802	59497.53	12794.40	4717.161
#2	2830.998	3681.596	59348.27	12775.41	4713.897
#3	2818.882	3662.422	59167.80	12807.37	4694.177

Sample Name: K2123-10 Acquired: 04/09/2019 15:08:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077883	.0036287	.0054537	-.004519	.0008037	.5290111	.1159669
Stddev	.0030698	.0015386	.0015827	.003680	.0006764	.0109011	.0001446
%RSD	39.41537	42.40075	29.02038	81.43005	84.15533	2.060664	.1246711

#1	.0101225	.0021679	.0057878	-.002369	.0009399	.5175666	.1161006
#2	.0089316	.0052348	.0037306	-.008767	.0014017	.5392724	.1158134
#3	.0043110	.0034833	.0068427	-.002420	.0000696	.5301942	.1159866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003157	-.000077	49.56346	.0109575	.0001281	.0068626	.5393486
Stddev	.0001128	.000067	.19592	.0000917	.0001266	.0002118	.0068429
%RSD	35.70852	86.77102	.3952914	.8372126	98.85738	3.085528	1.268728

#1	.0003654	-.000151	49.54154	.0110382	.0000522	.0068642	.5471977
#2	.0003951	-.000062	49.76942	.0108577	.0002742	.0066500	.5346373
#3	.0001867	-.000020	49.37942	.0109765	.0000578	.0070735	.5362109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319717	23.52436	.0160262	.0003809	17.68842	.0058278	.0152966
Stddev	.0001415	.01644	.0004573	.0004508	.06015	.0012090	.0006568
%RSD	.4426573	.0698899	2.853504	118.3751	.3400272	20.74495	4.293954

#1	.0318766	23.54305	.0158446	.0003612	17.73745	.0061870	.0145761
#2	.0321344	23.51794	.0165465	.0008412	17.70650	.0068166	.0154515
#3	.0319042	23.51210	.0156877	-.000060	17.62131	.0044800	.0158620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.214065	.0204514	.9167714	.0107318	10.26953	10.53152	-.001522
Stddev	.029863	.0007440	.0054278	.0003424	.01507	.02599	.001125
%RSD	2.459745	3.637933	.5920535	3.190498	.1467206	.2467574	73.92546

#1	1.180882	.0213047	.9105404	.0104700	10.26306	10.50691	-.000233
#2	1.238778	.0199381	.9204712	.0111192	10.25879	10.55870	-.002305
#3	1.222535	.0201115	.9193028	.0106060	10.28675	10.52896	-.002029

Sample Name: K2123-10 Acquired: 04/09/2019 15:08:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B39 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0378345	.0148162	1.255297
Stddev	.0002690	.0008281	.001445
%RSD	.7109126	5.589334	.1150883

#1	.0377208	.0138666	1.253636
#2	.0376411	.0151935	1.255993
#3	.0381416	.0153885	1.256263

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2829.210	3696.614	59272.69	12888.52	4755.614
Stddev	2.718	3.602	266.43	59.64	5.211
%RSD	.0960780	.0974423	.4495037	.4627550	.1095850

#1	2832.337	3699.467	59536.44	12956.90	4755.642
#2	2827.884	3692.567	59277.97	12861.42	4760.812
#3	2827.409	3697.810	59003.65	12847.23	4750.390

Sample Name: K2123-11 Acquired: 04/09/2019 15:12:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B40 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062314	.0027119	.0031412	-.007251	-.001536	.0188018	.0950216
Stddev	.0019153	.0029190	.0012250	.001328	.001277	.0068682	.0004436
%RSD	30.73577	107.6331	38.99872	18.31216	83.16464	36.52955	.4668522

#1	.0074786	.0047627	.0045156	-.005840	-.002920	.0224126	.0955034
#2	.0071896	.0040031	.0021643	-.007436	-.001286	.0231116	.0949314
#3	.0040262	-.000630	.0027436	-.008476	-.000402	.0108814	.0946300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003486	-.000127	29.99791	.0069847	.0001667	-.000057	.0275063
Stddev	.0000240	.000084	.06047	.0002756	.0003336	.000711	.0028959
%RSD	6.893165	66.24550	.2015777	3.945379	200.1489	1237.925	10.52804

#1	.0003350	-.000147	30.04501	.0066752	.0001045	.000704	.0242791
#2	.0003763	-.000200	29.92972	.0070755	.0005271	-.000706	.0298782
#3	.0003344	-.000035	30.01901	.0072035	-.000131	-.000170	.0283617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012898	15.94266	.0077470	.0003859	33.27781	.0017294	.0045332
Stddev	.0000606	.09568	.0004562	.0003807	.20705	.0010680	.0026892
%RSD	4.702472	.6001732	5.888452	98.65044	.6221714	61.75384	59.32262

#1	.0013526	15.83319	.0079825	.0008250	33.33096	.0029417	.0019032
#2	.0012316	15.98448	.0080372	.0001836	33.04938	.0009272	.0044184
#3	.0012852	16.01032	.0072212	.0001491	33.45311	.0013194	.0072779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11035	.0077861	1.256736	.0295390	13.72361	5.285291	-.000747
Stddev	.05084	.0010263	.008548	.0000645	.00035	.040458	.000771
%RSD	.4575750	13.18056	.6801752	.2185135	.0025363	.7654896	103.2440

#1	11.14078	.0069004	1.259879	.0294690	13.72380	5.299989	-.000217
#2	11.05166	.0089107	1.247061	.0295518	13.72383	5.239538	-.001632
#3	11.13861	.0075471	1.263266	.0295961	13.72321	5.316346	-.000392

Sample Name: K2123-11 Acquired: 04/09/2019 15:12:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016430	.0635235	1.225084
Stddev	.0008672	.0007097	.001886
%RSD	52.78023	1.117250	.1539279

#1	.0018765	.0631811	1.225557
#2	.0006830	.0630499	1.223007
#3	.0023695	.0643395	1.226689

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.305	3703.404	59576.96	12824.34	4802.069
Stddev	5.325	7.207	96.24	65.89	4.023
%RSD	.1873989	.1946091	.1615425	.5137909	.0837830

#1	2846.526	3711.610	59521.36	12813.30	4806.714
#2	2841.507	3700.503	59521.42	12895.05	4799.677
#3	2835.883	3698.099	59688.09	12764.66	4799.817

Sample Name: K2123-12 Acquired: 04/09/2019 15:16:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B47 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053083	.0024349	.0029804	-.002924	.0002104	.0462034	.1793960
Stddev	.0042775	.0034756	.0006112	.002556	.0004720	.0005420	.0003327
%RSD	80.58080	142.7409	20.50576	87.39549	224.3185	1.173039	.1854388

#1	.0075166	.0018454	.0023885	-.003409	.0007215	.0468201	.1797777
#2	.0003780	.0061674	.0036091	-.005202	-.000209	.0459872	.1791678
#3	.0080304	-.000708	.0029437	-.000161	.000119	.0458029	.1792425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003548	.0001016	46.47833	.0010900	-.000441	-.001878	.0390494
Stddev	.0001107	.0000878	.18945	.0000784	.000374	.000907	.0023261
%RSD	31.19963	86.35207	.4076197	7.197299	84.85012	48.30350	5.956677

#1	.0004368	.0000482	46.51109	.0011795	-.000020	-.000908	.0400518
#2	.0003987	.0002029	46.64926	.0010578	-.000566	-.002706	.0407062
#3	.0002289	.0000537	46.27463	.0010329	-.000736	-.002022	.0363902

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114852	24.74062	.0037109	.0000351	17.59225	.0005906	.0026923
Stddev	.0005579	.03306	.0006098	.0001227	.06399	.0007830	.0026053
%RSD	4.857825	.1336163	16.43354	350.0829	.3637454	132.5900	96.77047

#1	.0120409	24.75829	.0043223	.0000667	17.63386	.0010831	.0021724
#2	.0114897	24.76110	.0037079	-.000100	17.51857	-.000312	.0055184
#3	.0109251	24.70249	.0031026	.000139	17.62433	.001001	.0003861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.804705	.0163365	2.914530	.0049453	6.771538	8.041692	-.000914
Stddev	.032750	.0023661	.015326	.0001607	.010008	.045774	.000597
%RSD	1.814686	14.48343	.5258646	3.248701	.1477915	.5692133	65.33878

#1	1.798525	.0180631	2.927777	.0051278	6.766011	8.073110	-.001599
#2	1.840105	.0136395	2.897743	.0048826	6.783091	7.989173	-.000507
#3	1.775486	.0173069	2.918070	.0048254	6.765513	8.062792	-.000635

Sample Name: K2123-12 Acquired: 04/09/2019 15:16:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007000	.0168496	.5604332
Stddev	.0022480	.0016918	.0007165
%RSD	321.1580	10.04065	.1278398

#1	.0032956	.0149527	.5597286
#2	-.000619	.0173938	.5604101
#3	-.000576	.0182024	.5611609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.027	3691.723	59482.93	12857.26	4742.429
Stddev	5.758	4.361	209.52	21.56	10.780
%RSD	.2027306	.1181225	.3522361	.1676593	.2273101

#1	2837.358	3696.701	59541.26	12846.98	4753.872
#2	2836.089	3689.884	59250.42	12882.04	4732.464
#3	2846.635	3688.582	59657.10	12842.77	4740.953

Sample Name: K2123-13 Acquired: 04/09/2019 15:20:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035905	.0026629	.0037986	-.004394	-.000187	-.008182	.4872361
Stddev	.0026392	.0014413	.0009263	.002174	.000615	.001305	.0007192
%RSD	73.50458	54.12260	24.38468	49.47346	328.3757	15.94741	.1476060

#1	.0038407	.0026504	.0046891	-.006794	-.000824	-.006755	.4880625
#2	.0060957	.0041105	.0038664	-.002557	.000404	-.009314	.4868936
#3	.0008352	.0012280	.0028402	-.003830	-.000142	-.008477	.4867522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002497	-.000010	50.96405	-.002433	-.000621	.0018010	-.013465
Stddev	.0000558	.000091	.28050	.000400	.000194	.0007803	.005190
%RSD	22.32860	877.7839	.5503832	16.46117	31.32037	43.32771	38.54015

#1	.0002037	-.000102	50.68731	-.002783	-.000538	.0026927	-.007474
#2	.0002336	-.000008	50.95668	-.002519	-.000843	.0014669	-.016570
#3	.0003117	.000079	51.24816	-.001996	-.000481	.0012433	-.016352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001885	24.30555	.0007462	.0003629	11.52680	.0004855	.0234341
Stddev	.0001068	.07483	.0001646	.0005173	.09793	.0013187	.0014283
%RSD	56.68361	.3078778	22.05461	142.5407	.8495493	271.6225	6.095005

#1	.0001855	24.23857	.0005845	.0001005	11.45803	.0007166	.0224679
#2	.0000832	24.29178	.0009135	.0009589	11.48345	.0016733	.0227596
#3	.0002967	24.38631	.0007405	.0000295	11.63892	-.000933	.0250747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4606445	.0249989	-.014457	-.000271	3.150617	9.547658	-.001293
Stddev	.0124028	.0019649	.001498	.000255	.007697	.099961	.000542
%RSD	2.692493	7.859750	10.36103	94.15444	.2442989	1.046969	41.95112

#1	.4749197	.0227477	-.015256	-.000022	3.147559	9.499311	-.001225
#2	.4525092	.0258797	-.015386	-.000259	3.159373	9.481061	-.000788
#3	.4545048	.0263692	-.012729	-.000532	3.144919	9.662601	-.001866

Sample Name: K2123-13 Acquired: 04/09/2019 15:20:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B49 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001040	.0063508	.3876833
Stddev	.000477	.0008497	.0006907
%RSD	45.84327	13.37939	.1781743

#1	-.001543	.0069397	.3876779
#2	-.000594	.0067359	.3869954
#3	-.000984	.0053767	.3883768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2842.827	3699.916	59412.89	12837.66	4756.088
Stddev	9.813	11.867	128.17	115.88	9.901
%RSD	.3451923	.3207416	.2157301	.9026260	.2081802

#1	2841.063	3711.394	59526.63	12848.16	4767.160
#2	2834.016	3700.659	59274.01	12947.93	4753.024
#3	2853.403	3687.695	59438.02	12716.89	4748.082

Sample Name: K2123-14 Acquired: 04/09/2019 15:24:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B51 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095062	.0018180	.0042628	-.001126	.0009835	-.006161	.1117850
Stddev	.0021047	.0012430	.0014951	.002086	.0005409	.006927	.0001352
%RSD	22.14040	68.37485	35.07396	185.2770	54.99640	112.4412	.1209306

#1	.0082757	.0005008	.0039590	-.003440	.0015515	.001731	.1116823
#2	.0083064	.0029705	.0029429	-.000547	.0009248	-.008978	.1117346
#3	.0119364	.0019825	.0058865	.000610	.0004744	-.011236	.1119381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003350	-.000026	48.81378	-.000880	-.000273	-.000890	-.011462
Stddev	.0000390	.000075	.23980	.000563	.000148	.001232	.008133
%RSD	11.65326	293.4390	.4912646	63.94588	54.25021	138.4257	70.95862

#1	.0003061	-.000112	48.55379	-.000553	-.000124	-.000740	-.006989
#2	.0003795	.000015	49.02630	-.000557	-.000275	-.002191	-.006547
#3	.0003196	.000020	48.86124	-.001529	-.000420	.000260	-.020849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007123	21.50786	.0010807	.0005969	14.69735	.0010719	.0009053
Stddev	.0002287	.17077	.0005031	.0001504	.39251	.0026864	.0005643
%RSD	32.10481	.7940076	46.55329	25.19835	2.670640	250.6319	62.33267

#1	.0007605	21.32606	.0006872	.0004787	14.27152	-.001444	.0005253
#2	.0009130	21.66491	.0016476	.0007662	15.04469	.003901	.0006369
#3	.0004633	21.53261	.0009073	.0005458	14.77585	.000759	.0015537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6649845	.0099514	1.785234	.0016732	7.762030	7.722839	-.001614
Stddev	.0357250	.0029544	.019102	.0002572	.038517	.079292	.000197
%RSD	5.372307	29.68871	1.069977	15.37126	.4962294	1.026720	12.21095

#1	.7062078	.0091490	1.768055	.0017590	7.720379	7.662075	-.001449
#2	.6430460	.0132242	1.805804	.0013841	7.769348	7.812534	-.001832
#3	.6456998	.0074811	1.781843	.0018766	7.796364	7.693908	-.001561

Sample Name: K2123-14 Acquired: 04/09/2019 15:24:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000660	.0105287	1.499100
Stddev	.000419	.0011484	.003037
%RSD	63.42329	10.90704	.2025963

#1	-.000692	.0092307	1.495858
#2	-.001061	.0114123	1.499561
#3	-.000226	.0109432	1.501880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.361	3697.078	59553.06	12901.60	4750.462
Stddev	17.233	6.563	444.45	68.71	3.528
%RSD	.6071418	.1775143	.7463155	.5325924	.0742585

#1	2823.014	3689.655	59354.77	12931.93	4749.400
#2	2857.004	3702.111	60062.14	12822.95	4754.399
#3	2835.065	3699.467	59242.26	12949.94	4747.587

Sample Name: K2123-15 Acquired: 04/09/2019 15:28:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B52 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038804	.0040882	.0053138	-.001493	.0008105	.2206323	.1207313
Stddev	.0023951	.0023295	.0005996	.003079	.0018912	.0035705	.0008660
%RSD	61.72128	56.98101	11.28331	206.2666	233.3411	1.618319	.7173104

#1	.0066295	.0043795	.0046458	-.004640	.0014203	.2225238	.1197457
#2	.0027670	.0016268	.0054903	-.001353	.0023215	.2228592	.1210780
#3	.0022448	.0062584	.0058054	.001514	-.001310	.2165140	.1213703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003895	-.000105	43.34977	.0009679	-.000066	.0022247	.1644430
Stddev	.0000995	.000046	.37044	.0002710	.000195	.0003802	.0068101
%RSD	25.55710	44.25583	.8545483	28.00069	293.9935	17.08999	4.141289

#1	.0003749	-.000125	43.41093	.0007765	.000064	.0025594	.1717148
#2	.0004955	-.000052	42.95255	.0012780	-.000291	.0018113	.1582153
#3	.0002980	-.000137	43.68583	.0008491	.000028	.0023034	.1633988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744941	18.31024	.0035848	.0002973	38.11776	.0031140	.0086573
Stddev	.0012409	.13471	.0005096	.0000962	.23884	.0007760	.0016617
%RSD	1.665777	.7356980	14.21611	32.35484	.6265776	24.91972	19.19430

#1	.0736894	18.36252	.0040399	.0002810	38.24762	.0035170	.0091342
#2	.0738697	18.15723	.0030342	.0004006	37.84212	.0036057	.0100284
#3	.0759232	18.41098	.0036803	.0002103	38.26353	.0022194	.0068093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.939223	.0171852	9.357848	.0120714	8.366146	7.446594	-.000819
Stddev	.048112	.0004351	.038725	.0001688	.023454	.025800	.000669
%RSD	1.221345	2.532103	.4138250	1.398500	.2803425	.3464627	81.58287

#1	3.938735	.0167984	9.371937	.0122405	8.346443	7.464939	-.001307
#2	3.987577	.0176563	9.314051	.0119029	8.392089	7.417094	-.001094
#3	3.891357	.0171009	9.387557	.0120708	8.359907	7.457750	-.000057

Sample Name: K2123-15 Acquired: 04/09/2019 15:28:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B52 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0040657	.0265464	.5782171
Stddev	.0005200	.0002477	.0003178
%RSD	12.78995	.9332719	.0549527

#1	.0034858	.0262843	.5780324
#2	.0044906	.0265782	.5780350
#3	.0042207	.0267768	.5785840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.581	3703.733	59704.83	12993.44	4760.953
Stddev	1.460	21.306	163.75	76.04	18.012
%RSD	.0513784	.5752618	.2742646	.5852316	.3783256

#1	2841.904	3727.711	59885.77	12971.59	4781.543
#2	2842.853	3696.511	59661.88	13078.02	4748.113
#3	2839.987	3686.975	59566.84	12930.72	4753.204

Sample Name: K2123-16 Acquired: 04/09/2019 15:32:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050496	.0022139	.0036658	-.002327	.0002595	.0177897	.3351059
Stddev	.0019129	.0027888	.0028004	.003318	.0012598	.0084713	.0012472
%RSD	37.88139	125.9639	76.39310	142.6005	485.3579	47.61895	.3721709

#1	.0067666	.0051303	.0063653	-.000978	-.000376	.0092407	.3352124
#2	.0029878	-.000427	.0007743	.000104	.001710	.0179473	.3362965
#3	.0053945	.001938	.0038579	-.006107	-.000556	.0261811	.3338089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002644	-.000081	37.46618	-.000466	-.000317	.0003002	.3721837
Stddev	.0000353	.000093	.35486	.000363	.000039	.0013297	.0018474
%RSD	13.35797	114.7810	.9471603	77.82411	12.27054	442.9788	.4963697

#1	.0002264	-.000188	37.48955	-.000350	-.000361	.0016611	.3713183
#2	.0002705	-.000016	37.10021	-.000873	-.000287	.0002353	.3743049
#3	.0002962	-.000040	37.80879	-.000176	-.000303	-.000996	.3709278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092106	21.38933	.0018048	.0004112	28.51857	.0014332	.0044802
Stddev	.0001850	.18581	.0000469	.0000514	.32116	.0008031	.0014393
%RSD	2.009015	.8687088	2.595798	12.49098	1.126136	56.03407	32.12531

#1	.0090943	21.35051	.0017545	.0004610	28.57648	.0011874	.0028644
#2	.0091135	21.22600	.0018472	.0003584	28.17239	.0007818	.0049513
#3	.0094240	21.59148	.0018128	.0004142	28.80682	.0023305	.0056249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.776828	.0313426	6.507450	.0009958	6.699622	7.405329	-.001488
Stddev	.060782	.0033917	.039315	.0001604	.017101	.044382	.000814
%RSD	1.609338	10.82138	.6041575	16.10937	.2552510	.5993225	54.72989

#1	3.711518	.0292069	6.499650	.0009234	6.716165	7.394212	-.000873
#2	3.787227	.0295673	6.472620	.0011797	6.682013	7.367563	-.001179
#3	3.831740	.0352534	6.550081	.0008844	6.700687	7.454213	-.002411

Sample Name: K2123-16 Acquired: 04/09/2019 15:32:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000689	.0203993	.7302325
Stddev	.000518	.0009174	.0009307
%RSD	75.13345	4.497049	.1274556

#1	-.000538	.0211569	.7295737
#2	-.001266	.0193793	.7298266
#3	-.000264	.0206617	.7312973

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.077	3700.057	59522.64	13012.73	4735.183
Stddev	8.308	4.859	409.61	58.59	3.888
%RSD	.2937590	.1313227	.6881594	.4502422	.0821016

#1	2818.486	3703.030	59189.67	12994.99	4739.668
#2	2833.034	3694.449	59398.23	13078.13	4733.091
#3	2832.710	3702.690	59980.04	12965.05	4732.788

Sample Name: K2123-17 Acquired: 04/09/2019 15:36:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030010	.0019612	.0024585	-.006980	-.001264	.0176147	-.001197
Stddev	.0002699	.0008888	.0014416	.001477	.000825	.0059779	.000719
%RSD	8.995091	45.32050	58.63723	21.15388	65.31493	33.93714	60.09035

#1	.0029779	.0010995	.0025380	-.006694	-.001068	.0230214	-.000415
#2	.0027433	.0028749	.0038588	-.005668	-.002169	.0186277	-.001831
#3	.0032817	.0019092	.0009788	-.008579	-.000554	.0111950	-.001344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003167	.0000045	.1592790	-.002259	.0007150	-.001818	.0268083
Stddev	.0000113	.0000448	.0086307	.000121	.0004493	.001946	.0024625
%RSD	3.570833	990.4281	5.418589	5.361278	62.83751	107.0500	9.185648

#1	.0003072	.0000455	.1497743	-.002397	.0003433	-.003262	.0251966
#2	.0003137	.0000115	.1614363	-.002206	.0012142	-.002586	.0296429
#3	.0003292	-.000043	.1666263	-.002173	.0005873	.000395	.0255854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010498	.0026398	.0012646	.0004618	.1334000	-.000151	.0029170
Stddev	.0004008	.0161942	.0002310	.0000811	.3953478	.001493	.0010337
%RSD	38.17918	613.4687	18.26771	17.57391	296.3627	989.5380	35.43503

#1	.0006158	.0076093	.0009986	.0004144	-.158892	-.001319	.0030405
#2	.0011275	.0157669	.0013802	.0004155	.583230	-.000664	.0018272
#3	.0014060	-.015457	.0014150	.0005555	-.024137	.001531	.0038833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.164293	.0024810	-.012396	-.000562	.0300861	.0170364	.0001799
Stddev	.105046	.0005437	.001528	.000165	.0017384	.0010820	.0001369
%RSD	63.93798	21.91527	12.33081	29.30718	5.778150	6.351099	76.13456

#1	-.081943	.0030304	-.011492	-.000715	.0282687	.0182447	.0003202
#2	-.282594	.0019432	-.011535	-.000583	.0317329	.0161571	.0001728
#3	-.128343	.0024693	-.014160	-.000388	.0302567	.0167073	.0000466

Sample Name: K2123-17 Acquired: 04/09/2019 15:36:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011129	-.004142	.0036199
Stddev	.0010347	.000834	.0000683
%RSD	92.96500	20.14362	1.886139

#1	-.000027	-.004961	.0036866
#2	.001992	-.004174	.0035502
#3	.001374	-.003293	.0036231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2849.515	3765.533	59875.73	13169.33	4740.020
Stddev	10.247	3.404	144.78	33.41	2.273
%RSD	.3596173	.0904009	.2417973	.2536967	.0479459

#1	2840.432	3766.613	59742.83	13137.39	4742.583
#2	2847.488	3768.266	60030.01	13166.56	4739.227
#3	2860.624	3761.720	59854.37	13204.04	4738.250

Sample Name: K2123-18 Acquired: 04/09/2019 15:40:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017931	.0038645	.0003613	-.004185	-.000864	.0145814	-.001497
Stddev	.0022250	.0007188	.0008353	.001425	.001307	.0016578	.000414
%RSD	124.0890	18.60116	231.1963	34.04096	151.2536	11.36918	27.63802

#1	.0000283	.0039540	.0007009	-.005813	-.000925	.0127253	-.001865
#2	.0042924	.0031051	-.000590	-.003574	.000472	.0151040	-.001577
#3	.0010585	.0045344	.000973	-.003168	-.002140	.0159148	-.001049

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003403	-.000077	.0280836	-.002621	.0007734	-.001666	-.000951
Stddev	.0001288	.000050	.0012934	.000316	.0001236	.001531	.003949
%RSD	37.84252	65.16992	4.605345	12.06893	15.97965	91.86693	415.3162

#1	.0002477	-.000125	.0295708	-.002290	.0008982	-.002070	-.000638
#2	.0004874	-.000026	.0272223	-.002654	.0006511	-.002954	.002833
#3	.0002859	-.000079	.0274577	-.002920	.0007708	.000026	-.005047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000071	-.001459	.0014301	.0003930	.8371371	.0017469	.0023111
Stddev	.000080	.007855	.0001380	.0003682	.1793219	.0017419	.0006319
%RSD	112.4764	538.5105	9.653070	93.68009	21.42085	99.71455	27.34024

#1	-.000123	-.007170	.0012886	.0007979	.9457289	-.000035	.0017529
#2	.000021	.007499	.0014373	.0003030	.9355246	.003446	.0021834
#3	-.000111	-.004705	.0015645	.0000782	.6301579	.001829	.0029971

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.161327	.0007685	-.029420	-.000734	.0060959	.0009821	.0003159
Stddev	.021748	.0017516	.000536	.000405	.0019334	.0006775	.0005241
%RSD	13.48044	227.9286	1.822958	55.09531	31.71574	68.98484	165.8941

#1	-.177205	.0012311	-.029404	-.000452	.0059847	.0017644	-.000233
#2	-.170236	-.001168	-.028892	-.000553	.0042206	.0005794	.000371
#3	-.136539	.002242	-.029964	-.001198	.0080825	.0006027	.000810

Sample Name: K2123-18 Acquired: 04/09/2019 15:40:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000357	-.003848	-.000023
Stddev	.000271	.000895	.000071
%RSD	75.86938	23.25513	312.1173

#1	-.000514	-.003040	.000046
#2	-.000512	-.004810	-.000096
#3	-.000044	-.003693	-.000018

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2851.754	3770.557	59761.30	13071.35	4752.080
Stddev	18.602	.984	33.27	196.35	9.053
%RSD	.6522995	.0260964	.0556755	1.502170	.1905003

#1	2855.368	3769.427	59798.69	12938.17	4762.182
#2	2831.611	3771.011	59734.97	13296.85	4749.357
#3	2868.284	3771.231	59750.22	12979.02	4744.701

Sample Name: K2123-06DLX2 Acquired: 04/09/2019 15:45:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B45 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317316	-.000021	.0009388	-.001712	.0013672	.0271292	.0811354
Stddev	.0021130	.001302	.0013944	.002864	.0016857	.0041736	.0005412
%RSD	6.659008	6259.049	148.5349	167.2590	123.2933	15.38412	.6670650

#1	.0305339	-.001291	-.000472	-.000753	.0020778	.0268473	.0817126
#2	.0304896	-.000083	.000972	-.004933	-.000557	.0314366	.0806393
#3	.0341714	.001311	.002316	.000549	.002581	.0231037	.0810542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001825	-.000049	42.89168	-.001320	-.000178	-.002400	.0634495
Stddev	.0000433	.000142	.18872	.000100	.000267	.002330	.0046397
%RSD	23.70776	287.2074	.4400031	7.579661	149.7244	97.07189	7.312486

#1	.0001597	-.000207	42.87235	-.001430	-.000353	.000210	.0599225
#2	.0001555	.000068	43.08932	-.001234	.000129	-.003142	.0687055
#3	.0002325	-.000009	42.71336	-.001295	-.000311	-.004268	.0617205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1905221	19.63123	.0016906	.0002978	16.50503	.0012596	.0050392
Stddev	.0011399	.11037	.0004280	.0001622	.38846	.0018020	.0030277
%RSD	.5982893	.5622165	25.31895	54.46193	2.353586	143.0619	60.08296

#1	.1906892	19.59860	.0012175	.0001166	16.41481	-.000461	.0083064
#2	.1915692	19.75423	.0020510	.0003477	16.16962	.001107	.0044833
#3	.1893079	19.54085	.0018033	.0004293	16.93066	.003133	.0023280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.811931	.1167084	5.631850	.0079130	6.435610	5.044405	-.001160
Stddev	.058928	.0024330	.025083	.0002045	.029890	.020509	.000160
%RSD	.6005733	2.084657	.4453765	2.583916	.4644443	.4065594	13.77553

#1	9.773258	.1143629	5.628905	.0080430	6.432450	5.047886	-.001198
#2	9.879753	.1192203	5.658275	.0076773	6.466955	5.062951	-.001297
#3	9.782783	.1165420	5.608369	.0080187	6.407426	5.022379	-.000984

Sample Name: K2123-06DLX2 Acquired: 04/09/2019 15:45:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B45 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000558	.0195776	1.363100
Stddev	.001099	.0011079	.002747
%RSD	196.8698	5.658862	.2015177

#1	.000555	.0196496	1.365407
#2	-.000588	.0206477	1.363833
#3	-.001643	.0184355	1.360062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2733.898	3618.422	57957.61	12854.52	4596.609
Stddev	13.000	1.555	165.88	88.39	6.971
%RSD	.4755073	.0429744	.2862075	.6876416	.1516628

#1	2719.762	3619.558	57795.31	12762.57	4604.531
#2	2745.340	3619.060	57950.68	12862.11	4591.413
#3	2736.591	3616.650	58126.85	12938.87	4593.882

Sample Name: K2165-01 Acquired: 04/09/2019 15:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B56 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112133	.0028463	.0038080	-.004605	-.000999	.0992354	.0863932
Stddev	.0014364	.0021458	.0023222	.002816	.000750	.0077016	.0002687
%RSD	12.80948	75.38824	60.98172	61.15326	75.03952	7.760903	.3109618

#1	.0128668	.0004159	.0031463	-.002284	-.001460	.0918265	.0860839
#2	.0104987	.0044788	.0018885	-.003792	-.000134	.0986801	.0865679
#3	.0102744	.0036443	.0063893	-.007737	-.001405	.1071995	.0865280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003691	-.000011	79.14687	.0017877	.0005322	.0017643	.6481834
Stddev	.0000598	.000025	.12353	.0001759	.0000139	.0015941	.0030577
%RSD	16.20662	227.6455	.1560749	9.838867	2.615279	90.35194	.4717318

#1	.0003644	-.000039	79.28172	.0018445	.0005210	.0031486	.6492732
#2	.0003118	-.000001	79.11969	.0019281	.0005478	.0021227	.6447301
#3	.0004311	.000007	79.03919	.0015904	.0005277	.0000215	.6505468

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167439	26.00989	.0047009	.0008367	18.06336	-.000115	.0100187
Stddev	.0000969	.03854	.0002494	.0001476	.37741	.000877	.0011270
%RSD	.5786268	.1481877	5.305336	17.63949	2.089375	762.2327	11.24883

#1	.0167179	25.97670	.0047307	.0009557	17.68165	.000858	.0099078
#2	.0168511	26.05216	.0049341	.0008828	18.07212	-.000843	.0111971
#3	.0166626	26.00080	.0044380	.0006715	18.43632	-.000360	.0089513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062863	.0234449	.1107617	.0016868	9.894468	6.284301	-.001693
Stddev	.031069	.0002005	.0014813	.0002565	.004568	.013832	.000605
%RSD	2.923186	.8551343	1.337387	15.20706	.0461667	.2201000	35.70861

#1	1.091586	.0232866	.1097611	.0014610	9.892199	6.268929	-.000999
#2	1.067118	.0233777	.1124634	.0019657	9.891478	6.288232	-.001977
#3	1.029885	.0236703	.1100606	.0016338	9.899726	6.295741	-.002103

Sample Name: K2165-01 Acquired: 04/09/2019 15:49:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B56 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001917	.0128904	.8343008
Stddev	.000571	.0011592	.0007208
%RSD	29.77702	8.993122	.0863981

#1	-.001262	.0125041	.8335383
#2	-.002304	.0119736	.8349711
#3	-.002187	.0141935	.8343928

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.056	3688.918	59268.99	13140.85	4657.842
Stddev	8.814	3.399	244.47	42.55	13.536
%RSD	.3134308	.0921380	.4124831	.3238300	.2906139

#1	2822.013	3688.380	59473.12	13187.66	4669.417
#2	2805.251	3692.553	58998.06	13104.51	4661.152
#3	2808.906	3685.820	59335.79	13130.37	4642.958

Sample Name: K2165-02 Acquired: 04/09/2019 15:53:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B57 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030555	.0022093	.0028619	-.004794	-.001946	.0034128	.1514672
Stddev	.0018326	.0001991	.0017926	.002043	.001581	.0083952	.0014711
%RSD	59.97731	9.013992	62.63802	42.61919	81.24102	245.9892	.9712161

#1	.0009893	.0022978	.0012168	-.007111	-.000408	.0016500	.1498278
#2	.0044841	.0023488	.0025965	-.004019	-.001863	-.003961	.1519016
#3	.0036930	.0019812	.0047725	-.003251	-.003567	.012550	.1526721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003225	-.000067	37.60754	-.002296	-.000111	-.001772	.7169727
Stddev	.0000524	.000073	.22202	.000320	.000291	.001578	.0164994
%RSD	16.23601	108.7832	.5903645	13.93606	261.4823	89.08642	2.301259

#1	.0003808	-.000090	37.81756	-.002660	-.000430	-.002219	.7231645
#2	.0002794	.000015	37.37520	-.002164	.000139	-.000018	.6982731
#3	.0003073	-.000127	37.62985	-.002062	-.000042	-.003078	.7294805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116070	23.65832	.0016423	.0006103	15.50653	-.001568	.0028362
Stddev	.0001649	.10180	.0001883	.0004429	.06973	.002283	.0012203
%RSD	1.420609	.4302807	11.46726	72.57048	.4496900	145.5993	43.02721

#1	.0117973	23.75042	.0018038	.0006403	15.55960	-.001885	.0018423
#2	.0115176	23.54902	.0016877	.0010375	15.53243	.000857	.0041982
#3	.0115061	23.67554	.0014354	.0001532	15.42755	-.003675	.0024681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022991	.0061728	.1532374	-.000345	7.018355	5.389726	-.001273
Stddev	.015595	.0015954	.0004325	.000126	.008487	.011676	.000069
%RSD	1.524407	25.84547	.2822065	36.62849	.1209327	.2166420	5.389213

#1	1.014170	.0076095	.1528654	-.000199	7.023170	5.391883	-.001345
#2	1.013806	.0044558	.1531349	-.000409	7.023340	5.377122	-.001266
#3	1.040997	.0064532	.1537119	-.000426	7.008555	5.400174	-.001208

Sample Name: K2165-02 Acquired: 04/09/2019 15:53:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B57 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001287	.0147563	1.222922
Stddev	.000632	.0007148	.001737
%RSD	49.15492	4.844361	.1420547

#1	-.000776	.0146367	1.223123
#2	-.001090	.0155234	1.224550
#3	-.001994	.0141088	1.221093

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.821	3720.177	59252.61	13048.22	4707.866
Stddev	3.370	10.010	134.62	22.55	12.816
%RSD	.1194012	.2690820	.2272037	.1727947	.2722328

#1	2826.629	3727.296	59405.93	13071.67	4718.056
#2	2820.222	3724.503	59198.14	13026.70	4712.065
#3	2821.610	3708.731	59153.75	13046.28	4693.477

Sample Name: K2165-03 Acquired: 04/09/2019 15:57:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B58 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029041	.0033095	.0038515	-.005446	-.000756	.0166319	.0641725
Stddev	.0027472	.0005935	.0008484	.001890	.001165	.0033104	.0002038
%RSD	94.59760	17.93447	22.02686	34.69568	153.9964	19.90397	.3176204

#1	.0004663	.0038656	.0029689	-.003358	.000483	.0128893	.0642658
#2	.0023651	.0033785	.0046609	-.007038	-.001829	.0191767	.0639387
#3	.0058807	.0026845	.0039248	-.005943	-.000922	.0178297	.0643129

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002985	.0000219	26.02561	-.001674	-.000199	-.000544	.0031559
Stddev	.0000475	.0000739	.16032	.000073	.000330	.002757	.0013223
%RSD	15.90696	337.3902	.6160110	4.344244	165.6401	506.4014	41.89764

#1	.0002566	.0001058	26.03911	-.001619	-.000575	.002590	.0019829
#2	.0003501	-.000033	25.85896	-.001646	-.000067	-.002593	.0028962
#3	.0002888	-.000007	26.17875	-.001756	.000044	-.001630	.0045888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051155	7.844856	.0015028	.0002081	22.33747	.0007139	.0147956
Stddev	.0000824	.050580	.0005772	.0001774	.12701	.0000795	.0020650
%RSD	1.609928	.6447564	38.40861	85.22919	.5685757	11.13492	13.95658

#1	.0050655	7.853512	.0016761	.0002652	22.19154	.0007036	.0124261
#2	.0050705	7.790507	.0008588	.0003499	22.39783	.0007981	.0162111
#3	.0052106	7.890550	.0019734	.0000092	22.42304	.0006401	.0157496

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120779	.0135770	3.663251	.0061034	5.279931	7.559512	-.000915
Stddev	.039503	.0022819	.019739	.0001653	.013975	.016271	.000160
%RSD	1.265816	16.80708	.5388491	2.707608	.2646836	.2152396	17.52543

#1	3.114741	.0126296	3.648471	.0060084	5.264020	7.548646	-.001019
#2	3.162954	.0119214	3.655616	.0060075	5.290217	7.551671	-.000730
#3	3.084643	.0161800	3.685668	.0062942	5.285556	7.578219	-.000996

Sample Name: K2165-03 Acquired: 04/09/2019 15:57:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B58 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000911	.0176005	.2535569
Stddev	.000744	.0006943	.0005913
%RSD	81.68771	3.944909	.2331892

#1	-.000481	.0183981	.2529695
#2	-.000482	.0171308	.2535494
#3	-.001771	.0172727	.2541519

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2823.447	3719.171	59346.92	13031.70	4788.671
Stddev	11.415	7.433	153.13	24.79	11.187
%RSD	.4043097	.1998617	.2580261	.1902088	.2336199

#1	2812.375	3712.228	59201.17	13005.74	4780.269
#2	2822.788	3718.274	59506.49	13055.12	4784.373
#3	2835.177	3727.012	59333.08	13034.23	4801.369

Sample Name: K2165-04 Acquired: 04/09/2019 16:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112202	.0052106	.0039996	-.000885	-.001935	-.003520	.0794125
Stddev	.0018677	.0022205	.0004797	.003067	.001076	.006694	.0017942
%RSD	16.64587	42.61525	11.99299	346.5212	55.59948	190.1673	2.259311

#1	.0131891	.0075596	.0045023	-.004136	-.002723	-.006591	.0788782
#2	.0109978	.0049261	.0039495	-.000475	-.000709	-.008127	.0779462
#3	.0094736	.0031460	.0035469	.001957	-.002374	.004158	.0814132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002699	-.000016	45.94252	-.001850	-.000267	.0002924	.0667855
Stddev	.0000147	.000082	.17149	.000176	.000151	.0008181	.0054158
%RSD	5.451613	523.5736	.3732652	9.503801	56.40822	279.7666	8.109264

#1	.0002791	-.000044	46.01455	-.001987	-.000441	-.000561	.0632662
#2	.0002529	.000077	45.74676	-.001652	-.000186	.000369	.0640683
#3	.0002776	-.000081	46.06624	-.001912	-.000174	.001070	.0730220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1769959	15.00143	.0014995	.0003238	120.2941	.0022763	.0035452
Stddev	.0007693	.02376	.0008073	.0004186	.1356	.0012574	.0023614
%RSD	.4346450	.1583872	53.83860	129.2726	.1127312	55.23579	66.60961

#1	.1767150	14.99351	.0012387	.0002791	120.2152	.0036999	.0045714
#2	.1764066	14.98264	.0024050	.0007629	120.2163	.0013174	.0052198
#3	.1778662	15.02814	.0008549	-.000071	120.4506	.0018117	.0008442

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042299	.0168133	88.24849	.0652444	15.47823	6.764256	-.000328
Stddev	.035894	.0010381	.59508	.0001929	.02084	.011306	.000332
%RSD	3.443776	6.174019	.6743264	.2956385	.1346310	.1671484	101.2476

#1	1.011498	.0170231	87.59197	.0651628	15.46505	6.775703	-.000604
#2	1.081718	.0156864	88.75242	.0654646	15.46738	6.763970	-.000420
#3	1.033680	.0177304	88.40108	.0651057	15.50225	6.753096	.000040

Sample Name: K2165-04 Acquired: 04/09/2019 16:01:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B59 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001195	.0144431	.7404777
Stddev	.000943	.0014162	.0034154
%RSD	78.87155	9.805234	.4612452

#1	-.001824	.0152250	.7366114
#2	-.001650	.0152960	.7430843
#3	-.000111	.0128084	.7417374

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.917	3655.532	59224.40	12911.22	4667.356
Stddev	18.919	1.916	285.09	8.94	5.629
%RSD	.6694672	.0524089	.4813710	.0692380	.1205944

#1	2847.352	3654.092	59551.73	12904.57	4673.750
#2	2811.553	3654.799	59091.02	12907.71	4665.169
#3	2818.845	3657.706	59030.45	12921.38	4663.149

Sample Name: K2165-04DLX10 Acquired: 04/09/2019 16:05:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B59 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001826	.0001594	.0008381	-.001706	.0002554	.0046564	.0078979
Stddev	.0007555	.0007710	.0021980	.001047	.0007099	.0074760	.0006790
%RSD	413.6834	483.8592	262.2596	61.35450	278.0014	160.5523	8.597105

#1	.0007627	.0009685	-.000066	-.000828	.0007290	.0070286	.0083010
#2	.0004569	.0000762	.003344	-.001426	-.000561	.0106586	.0071139
#3	-.000672	-.000567	-.000764	-.002864	.000598	-.003718	.0082787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000715	.0000654	4.924326	-.001713	.0001613	-.000648	.0050635
Stddev	.0001034	.0001066	.014406	.000143	.0001200	.000510	.0055432
%RSD	144.6368	162.9672	.2925532	8.318935	74.36331	78.75118	109.4747

#1	.0001113	.0001808	4.907825	-.001549	.0000754	-.000591	-.000685
#2	.0001492	.0000449	4.934402	-.001787	.0001102	-.000169	.010376
#3	-.000046	-.000029	4.930752	-.001804	.0002984	-.001185	.005499

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183741	1.583152	.0002610	.0004456	12.93652	.0006233	-.002169
Stddev	.0000783	.011792	.0007449	.0002241	.33266	.0010334	.000970
%RSD	.4262840	.7448502	285.3928	50.28077	2.571506	165.8117	44.72761

#1	.0184645	1.569539	.0002640	.0006847	12.81915	.0013670	-.001112
#2	.0183280	1.590184	-.000485	.0004117	13.31195	-.000557	-.003019
#3	.0183297	1.589735	.001004	.0002404	12.67844	.001059	-.002376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830178	.0000233	9.043649	.0067419	1.422295	.6601916	.0003448
Stddev	.0556517	.0026255	.023818	.0002212	.011697	.0064796	.0001999
%RSD	67.03582	11283.22	.2633691	3.280941	.8224351	.9814732	57.96847

#1	.0190087	.0027457	9.069324	.0066146	1.423622	.6676716	.0003545
#2	.1199449	-.002493	9.039350	.0066138	1.409991	.6566009	.0001402
#3	.1100997	-.000183	9.022273	.0069973	1.433272	.6563022	.0005395

Sample Name: K2165-04DLX10 Acquired: 04/09/2019 16:05:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B59 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001219	.0000275	.0794287
Stddev	.000932	.0007961	.0000640
%RSD	76.44110	2893.863	.0806187

#1	-.001914	.0004181	.0794418
#2	-.001583	.0005529	.0793592
#3	-.000160	-.000888	.0794852

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.606	3596.799	57776.02	12691.05	4677.432
Stddev	9.905	10.025	237.65	26.12	11.682
%RSD	.3625969	.2787073	.4113349	.2057922	.2497536

#1	2729.466	3587.358	57945.65	12665.05	4664.301
#2	2742.406	3595.718	57878.02	12717.28	4686.674
#3	2722.947	3607.320	57504.40	12690.81	4681.321

Sample Name: K2165-05 Acquired: 04/09/2019 16:09:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B60 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009005	.0036294	.0017370	-.002314	-.000637	.0229356	.0030765
Stddev	.0012339	.0015954	.0013361	.002214	.001492	.0003467	.0003072
%RSD	137.0294	43.95940	76.92098	95.68927	234.1840	1.511570	9.983542

#1	.0013018	.0018723	.0031376	-.000948	.001085	.0232943	.0031098
#2	.0018837	.0040284	.0015970	-.004868	-.001551	.0226024	.0033657
#3	-.000484	.0049874	.0004764	-.001124	-.001446	.0229100	.0027541

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003479	.0000113	.1907652	-.002632	.0007283	-.002235	.0086522
Stddev	.0000880	.0000648	.0092054	.000124	.0000927	.002622	.0057380
%RSD	25.28704	574.8475	4.825526	4.714255	12.72984	117.2956	66.31867

#1	.0002511	.0000809	.1887353	-.002612	.0006699	-.004940	.0137708
#2	.0004229	-.000047	.1827442	-.002765	.0008352	-.002062	.0024495
#3	.0003697	.000000	.2008162	-.002519	.0006799	.000295	.0097362

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030206	.0228378	.0011137	.0005429	.2632531	-.002459	.0084488
Stddev	.0001856	.0318307	.0007257	.0007465	.1290219	.001371	.0004430
%RSD	6.144583	139.3772	65.15955	137.4942	49.01059	55.76068	5.243575

#1	.0028123	-.013668	.0011082	.0013875	.3831539	-.003944	.0081259
#2	.0031683	.037394	.0018421	.0002697	.1267227	-.002194	.0089538
#3	.0030812	.044788	.0003908	-.000028	.2798827	-.001240	.0082667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072293	.0059886	.0903521	-.000507	.0319225	.0174953	-.000191
Stddev	.041887	.0001078	.0056283	.000172	.0014454	.0003300	.001061
%RSD	57.94049	1.799520	6.229268	34.00234	4.527753	1.886051	554.7271

#1	-.051208	.0059582	.0960971	-.000426	.0333483	.0171631	-.001397
#2	-.045137	.0061082	.0901110	-.000704	.0319608	.0178230	.000225
#3	-.120532	.0058992	.0848483	-.000389	.0304584	.0174998	.000598

Sample Name: K2165-05 Acquired: 04/09/2019 16:09:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006717	-.001863	.0077319
Stddev	.0007977	.001394	.0001208
%RSD	118.7546	74.84890	1.562502

#1	.0011889	-.003449	.0078093
#2	-.000247	-.000834	.0077937
#3	.001073	-.001304	.0075927

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2868.516	3742.370	59804.90	13033.82	4773.534
Stddev	16.211	3.059	348.27	71.92	6.437
%RSD	.5651344	.0817339	.5823468	.5517958	.1348477

#1	2858.985	3740.255	59497.93	12993.88	4780.392
#2	2887.233	3740.978	60183.38	12990.73	4772.586
#3	2859.328	3745.877	59733.41	13116.84	4767.624

Sample Name: K2165-09 Acquired: 04/09/2019 16:13:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187389	.0061633	.1209970	-.005804	.0018796	.7730132	.1305398
Stddev	.0011782	.0007062	.0008406	.002910	.0009184	.0029487	.0007913
%RSD	6.287359	11.45774	.6946991	50.13206	48.86099	.3814581	.6061753

#1	.0173931	.0064929	.1203320	-.003778	.0016098	.7725657	.1308868
#2	.0192390	.0053526	.1207172	-.004496	.0029026	.7703137	.1296343
#3	.0195844	.0066445	.1219418	-.009139	.0011263	.7761600	.1310983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004381	.0011707	17.67049	.0006913	.0014695	.1668945	1.307747
Stddev	.0000528	.0001029	.08005	.0000714	.0001630	.0024755	.005153
%RSD	12.06236	8.789822	.4530070	10.33368	11.09410	1.483242	.3940045

#1	.0003781	.0010523	17.71131	.0006899	.0013301	.1694462	1.312831
#2	.0004775	.0012386	17.72189	.0007634	.0016488	.1667343	1.302529
#3	.0004587	.0012211	17.57826	.0006206	.0014297	.1645031	1.307881

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1967037	10.22735	.0617348	.0021373	347.0145	.0042038	.2940800
Stddev	.0012446	.09520	.0002488	.0002825	1.2344	.0031642	.0017826
%RSD	.6327257	.9308737	.4030741	13.21603	.3557325	75.26960	.6061585

#1	.1981389	10.29548	.0618237	.0024285	347.4978	.0016730	.2924816
#2	.1959210	10.26799	.0614537	.0018644	347.9342	.0031870	.2937561
#3	.1960512	10.11857	.0619269	.0021191	345.6116	.0077514	.2960023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.01203	.1937580	198.6328	.1360885	14.36341	5.727240	.0112869
Stddev	.07629	.0034548	2.3182	.0003119	.04014	.027426	.0005322
%RSD	.3050330	1.783064	1.167081	.2291919	.2794670	.4788771	4.715246

#1	25.07844	.1897750	198.7906	.1362120	14.34131	5.738875	.0107218
#2	25.02895	.1955548	200.8681	.1363197	14.33917	5.746931	.0113604
#3	24.92870	.1959441	196.2397	.1357337	14.40974	5.695914	.0117786

Sample Name: K2165-09 Acquired: 04/09/2019 16:13:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B63 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0104153	.2835428	.4077522
Stddev	.0005785	.0005015	.0004279
%RSD	5.554150	.1768846	.1049455

#1	.0110817	.2829640	.4080455
#2	.0100430	.2838176	.4079500
#3	.0101211	.2838470	.4072612

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.953	3603.868	58792.18	12868.45	4494.148
Stddev	12.287	6.113	179.92	52.21	3.802
%RSD	.4394403	.1696160	.3060303	.4056920	.0845899

#1	2809.927	3609.240	58603.72	12851.79	4496.495
#2	2786.845	3597.217	58810.68	12826.60	4496.188
#3	2791.085	3605.147	58962.13	12926.95	4489.762

Sample Name: K2165-09DLX50 Acquired: 04/09/2019 16:17:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005642	-.002739	.0029585	-.000842	.0015376	.0190133	.0020126
Stddev	.0017635	.003082	.0018355	.001956	.0014320	.0009333	.0006697
%RSD	312.5836	112.5373	62.04010	232.4645	93.12810	4.908592	33.27383

#1	-.000644	-.004707	.0046857	-.001529	.0014435	.0191723	.0027796
#2	-.000251	-.004323	.0031587	-.002361	.0001551	.0180108	.0015443
#3	.002588	.000813	.0010312	.001366	.0030144	.0198570	.0017138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000660	.0000542	.3858280	-.002482	.0000649	.0032663	.0169222
Stddev	.0001056	.0000986	.0031408	.000190	.0003537	.0016504	.0022837
%RSD	160.0540	181.7366	.8140439	7.650585	545.2057	50.52953	13.49530

#1	.0000554	-.000041	.3880821	-.002379	-.000258	.0032268	.0191007
#2	.0001765	.000156	.3871614	-.002366	.000010	.0016359	.0145461
#3	-.000034	.000047	.3822404	-.002701	.000443	.0049361	.0171197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038940	.2076089	.0009171	.0004578	7.070973	-.001955	.0066646
Stddev	.0004549	.0237848	.0006218	.0003301	.187340	.001490	.0013820
%RSD	11.68136	11.45652	67.79723	72.09709	2.649428	76.20704	20.73594

#1	.0033719	.2348385	.0002011	.0004780	6.907783	-.000647	.0050875
#2	.0041053	.1970967	.0013214	.0001181	7.029591	-.003577	.0072421
#3	.0042047	.1908916	.0012288	.0007774	7.275544	-.001641	.0076641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4996686	.0013911	4.353714	.0026891	.2340941	.1055677	.0004804
Stddev	.0379780	.0024160	.057405	.0002732	.0031015	.0016297	.0007337
%RSD	7.600627	173.6695	1.318522	10.15978	1.324891	1.543780	152.7334

#1	.4971446	-.000742	4.419477	.0025053	.2322782	.1073551	.0013104
#2	.4630157	.000901	4.328019	.0025588	.2323289	.1051836	-.000082
#3	.5388456	.004015	4.313645	.0030030	.2376753	.1041643	.000213

Sample Name: K2165-09DLX50 Acquired: 04/09/2019 16:17:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000267	.0072575	.0090818
Stddev	.000443	.0014293	.0001925
%RSD	165.7112	19.69357	2.120160

#1	.000243	.0057128	.0092975
#2	-.000551	.0085330	.0090206
#3	-.000495	.0075266	.0089273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2732.658	3597.360	57987.75	12630.51	4691.483
Stddev	17.658	5.068	332.31	60.23	14.368
%RSD	.6461677	.1408735	.5730738	.4768796	.3062563

#1	2746.425	3592.321	58103.70	12564.61	4674.910
#2	2712.750	3597.304	57613.00	12644.22	4700.427
#3	2738.800	3602.456	58246.56	12682.71	4699.114

Sample Name: K2165-11 Acquired: 04/09/2019 16:22:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013545	.0014075	.0015005	-.004016	-.001145	.0024535	.0004481
Stddev	.0016153	.0007191	.0016244	.001573	.001057	.0034774	.0005496
%RSD	119.2553	51.09330	108.2573	39.16533	92.26800	141.7344	122.6595

#1	.0010766	.0006801	-.000334	-.002202	-.001076	.0050102	.0008098
#2	.0030906	.0021180	.002756	-.004838	-.002235	-.001506	-.000184
#3	-.000104	.0014243	.002080	-.005007	-.000125	.003856	.000719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002049	-.000054	.0175091	-.002591	.0005394	-.000593	-.001152
Stddev	.0000354	.000026	.0032462	.000360	.0004236	.000837	.004623
%RSD	17.26925	48.60694	18.53986	13.90134	78.52096	141.0820	401.1886

#1	.0001643	-.000029	.0169076	-.002199	.0007876	-.000195	-.006332
#2	.0002212	-.000082	.0146057	-.002908	.0007803	-.001555	.000320
#3	.0002292	-.000051	.0210139	-.002665	.0000504	-.000030	.002555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000184	.0014222	.0008348	.0001855	.0354279	-.000075	.0022472
Stddev	.000105	.0140428	.0002614	.0001214	.2804669	.000846	.0016620
%RSD	57.15393	987.3874	31.31428	65.43937	791.6546	1132.888	73.95791

#1	-.000114	-.010159	.0009201	.0000850	.0705566	-.000888	.0008208
#2	-.000305	-.002616	.0005414	.0001511	.2966757	.000801	.0040723
#3	-.000133	.017042	.0010430	.0003204	-.260948	-.000138	.0018486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095188	.0007993	.3207848	-.000669	-.002178	.0003041	.0004997
Stddev	.073863	.0008656	.0095792	.000281	.004188	.0012885	.0004959
%RSD	77.59693	108.3019	2.986187	42.00531	192.2916	423.7347	99.24214

#1	-.127232	-.000185	.3283089	-.000626	-.000187	-.000180	.0006515
#2	-.010714	.001140	.3240443	-.000412	-.006991	.001765	.0009020
#3	-.147618	.001442	.3100012	-.000968	.000644	-.000672	-.000054

Sample Name: K2165-11 Acquired: 04/09/2019 16:22:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B65 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000111	-.004405	.0001135
Stddev	.000675	.000449	.0001025
%RSD	607.9269	10.19021	90.33886

#1	-.000212	-.003889	.0002298
#2	.000609	-.004619	.0000741
#3	-.000730	-.004706	.0000365

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.524	3720.981	59694.12	12879.11	4770.440
Stddev	7.615	15.439	234.00	28.01	15.883
%RSD	.2660394	.4149207	.3919997	.2174749	.3329440

#1	2856.341	3731.259	59447.04	12849.38	4780.303
#2	2860.200	3728.457	59722.94	12905.00	4778.900
#3	2871.031	3703.227	59912.37	12882.93	4752.118

Sample Name: K2165-12 Acquired: 04/09/2019 16:26:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MC0B69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010497	.0033319	.0019455	-.006802	-.001455	.0105281	.0007286
Stddev	.0016733	.0003081	.0018327	.001210	.001066	.0030793	.0004310
%RSD	159.4104	9.245696	94.19990	17.79651	73.26842	29.24799	59.16013

#1	.0016644	.0032581	.0010599	-.005472	-.001997	.0090207	.0007990
#2	.0023287	.0030675	.0007239	-.007840	-.002140	.0140707	.0002667
#3	-.000844	.0036702	.0040528	-.007093	-.000227	.0084930	.0011201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003230	.0000923	.0490634	-.002732	.0008213	-.001773	.0350380
Stddev	.0001612	.0000229	.0076371	.000237	.0001706	.000715	.0042607
%RSD	49.90270	24.77506	15.56575	8.665671	20.77028	40.34539	12.16008

#1	.0001392	.0000663	.0573507	-.002957	.0007362	-.001476	.0348991
#2	.0004403	.0001016	.0475303	-.002755	.0010176	-.001253	.0393664
#3	.0003896	.0001092	.0423091	-.002485	.0007099	-.002588	.0308485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002779	.0056639	.0009838	.0001826	.0663819	-.001257	.0030184
Stddev	.0004019	.0056126	.0003156	.0001431	.1616208	.002426	.0024555
%RSD	144.6367	99.09457	32.08243	78.38406	243.4711	193.0472	81.35076

#1	-.000182	.0098611	.0006797	.0001333	.0222175	-.002887	.0043926
#2	.000564	.0078417	.0009619	.0000706	-.068566	-.002415	.0001835
#3	.000452	-.000711	.0013098	.0003438	.245494	.001532	.0044791

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.135621	.0024863	.1662208	-.000371	.0032929	.0069512	.0002939
Stddev	.020745	.0009818	.0074599	.000260	.0008801	.0011541	.0012465
%RSD	15.29630	39.49034	4.487957	70.00533	26.72638	16.60297	424.1590

#1	-.148364	.0035961	.1743530	-.000435	.0022771	.0079309	-.000451
#2	-.111684	.0017307	.1646148	-.000593	.0038252	.0072437	.001733
#3	-.146816	.0021320	.1596948	-.000085	.0037764	.0056790	-.000401

Sample Name: K2165-12 Acquired: 04/09/2019 16:26:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MC0B69 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000660	-.003692	.0004771
Stddev	.000213	.001731	.0000323
%RSD	32.27954	46.87274	6.770111

#1	-.000612	-.005594	.0005111
#2	-.000893	-.002210	.0004469
#3	-.000475	-.003273	.0004732

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.447	3713.982	59571.00	12934.86	4767.205
Stddev	14.509	12.292	334.53	124.48	12.126
%RSD	.5077534	.3309612	.5615685	.9623949	.2543584

#1	2845.216	3700.396	59323.16	12826.74	4753.414
#2	2873.477	3724.334	59951.52	12906.87	4772.004
#3	2853.648	3717.215	59438.31	13070.95	4776.196

Sample Name: CCV072 Acquired: 04/09/2019 16:30:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.916053	4.862681	24.63363	4.835907	4.982663	413.9481	10.12248
Stddev	.019241	.016375	.03600	.006750	.009562	.8000	.02812
%RSD	.3913903	.3367409	.1461290	.1395848	.1919002	.1932555	.2778225

#1	4.909623	4.843803	24.64373	4.831672	4.992094	414.6079	10.15460
#2	4.900850	4.873044	24.59366	4.832358	4.972976	413.0583	10.10228
#3	4.937685	4.871196	24.66349	4.843692	4.982920	414.1779	10.11056

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4955284	2.467313	407.2884	15.14485	2.508807	14.90131	420.5602
Stddev	.0018048	.001147	.7390	.02675	.002065	.02796	.6893
%RSD	.3642108	.0464876	.1814398	.1766562	.0823025	.1876220	.1639025

#1	.4949654	2.466429	407.1898	15.17073	2.506899	14.91439	420.6520
#2	.4975475	2.466901	406.6037	15.11730	2.508524	14.86921	419.8295
#3	.4940722	2.468609	408.0718	15.14653	2.510999	14.92033	421.1989

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.61662	402.4609	2.492121	1.248064	408.7913	2.456341	14.89989
Stddev	.05696	1.0121	.006239	.002024	.3456	.013936	.08990
%RSD	.3897098	.2514882	.2503392	.1621641	.0845362	.5673488	.6033328

#1	14.61326	401.5010	2.485514	1.250000	408.9635	2.445148	14.92786
#2	14.56142	402.3636	2.492938	1.245962	408.3935	2.451923	14.79933
#3	14.67519	403.5182	2.497911	1.248229	409.0169	2.471950	14.97247

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.2129	5.159549	5.225189	4.975378	5.090790	4.877900	5.002537
Stddev	.3682	.018917	.009099	.009887	.026151	.024829	.010507
%RSD	.2419067	.3666418	.1741347	.1987272	.5137001	.5090011	.2100431

#1	152.5921	5.141100	5.227021	4.986553	5.061062	4.874479	4.997621
#2	152.1899	5.158647	5.233233	4.967766	5.110245	4.904262	4.995388
#3	151.8568	5.178901	5.215314	4.971815	5.101064	4.854960	5.014601

Sample Name: CCV072 Acquired: 04/09/2019 16:30:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV072 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.983342	5.104984	5.019418
Stddev	.003269	.003286	.016864
%RSD	.0656051	.0643755	.3359651

#1	4.984955	5.108701	5.037234
#2	4.979579	5.103784	5.017318
#3	4.985491	5.102466	5.003703

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.453	3069.539	53363.79	11859.99	3726.042
Stddev	11.941	8.567	275.97	26.47	2.289
%RSD	.4957762	.2790859	.5171522	.2231706	.0614391

#1	2398.325	3059.648	53082.01	11842.34	3724.261
#2	2421.619	3074.356	53633.57	11847.21	3725.241
#3	2405.413	3074.614	53375.80	11890.42	3728.624

Sample Name: CCB072 Acquired: 04/09/2019 16:54:06 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB072 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026996	.0010268	.0002335	-.001838	-.001133	.0110574
Stddev	.0007300	.0009970	.0011916	.002982	.001239	.0088937
%RSD	27.04300	97.09999	510.2717	162.2932	109.3089	80.43225

#1	.0024429	.0012959	.0004066	.001428	.000199	.0104406
#2	.0021326	-.000077	-.001035	-.002523	-.002251	.0202435
#3	.0035233	.001861	.001329	-.004418	-.001347	.0024882

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000397	.0001783	.0000399	-.008045	-.002718	.0005467
Stddev	.000273	.0000580	.0000034	.013882	.000166	.0002742
%RSD	68.61975	32.50449	8.524522	172.5486	6.088714	50.16227

#1	-.000254	.0002450	.0000403	-.010472	-.002529	.0007045
#2	-.000227	.0001500	.0000430	-.020554	-.002794	.0002300
#3	-.000712	.0001400	.0000363	.006890	-.002833	.0007055

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002216	-.002562	-.000424	-.016256	.0004941	.0001932
Stddev	.000593	.004416	.000274	.015503	.0004222	.0003374
%RSD	26.73799	172.4091	64.56771	95.36715	85.44404	174.6749

#1	-.002646	.002516	-.000406	-.032907	.0000170	-.000173
#2	-.001540	-.005515	-.000160	-.013624	.0006462	.000261
#3	-.002462	-.004686	-.000706	-.002238	.0008193	.000492

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.028959	.0007656	-.002488	-.138094	-.001986	F .0816253
Stddev	.059149	.0040186	.000989	.066381	.003195	.0015818
%RSD	204.2507	524.8606	39.76906	48.06954	160.8860	1.937813

#1	-.078472	-.002423	-.001357	-.188193	-.002078	.0833547
#2	-.044945	.005279	-.003192	-.062805	-.005133	.0802519
#3	.036540	-.000559	-.002916	-.163285	.001254	.0812692

Sample Name: CCB072 Acquired: 04/09/2019 16:54:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v835) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000397	-.002420	-.004789	-.000670	-.000014	-.004396
Stddev	.000203	.004060	.000468	.000671	.000721	.001211
%RSD	51.23085	167.8016	9.770226	100.2214	5180.871	27.55483

#1	-.000618	.002260	-.004395	-.001441	-.000804	-.005052
#2	-.000217	-.004516	-.005306	-.000351	.000154	-.005139
#3	-.000356	-.005003	-.004664	-.000218	.000609	-.002998

Elem	Sr4077
Units	ppm
Avg	-.000098
Stddev	.000037
%RSD	37.81924

#1	-.000058
#2	-.000131
#3	-.000106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2830.454	3715.234	59277.63	12871.99	4764.769
Stddev	3.118	5.774	93.89	41.33	12.197
%RSD	.1101750	.1554077	.1583972	.3210636	.2559919

#1	2827.056	3721.447	59334.46	12861.13	4778.753
#2	2833.184	3710.034	59329.16	12917.67	4756.321
#3	2831.124	3714.220	59169.25	12837.19	4759.234